

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056702.D
 Acq On : 15 Jul 2019 10:43
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:23 AM

Quant Time: Jul 16 01:23:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:03:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	339816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	518750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	541209	144.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.52%	
35) Dibromofluoromethane	7.59	113	480895	149.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.56%	
50) Toluene-d8	10.09	98	1870199	149.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.32%	
62) 4-Bromofluorobenzene	12.40	95	671148	160.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	449687	155.515	ug/l	99
3) Chloromethane	2.06	50	610356	154.544	ug/l	99
4) Vinyl Chloride	2.18	62	593552	155.718	ug/l	99
5) Bromomethane	2.52	94	347325m	156.682	ug/l	
6) Chloroethane	2.67	64	337090m	153.330	ug/l	
7) Trichlorofluoromethane	3.00	101	737798	149.782	ug/l	99
8) Diethyl Ether	3.41	74	313404	151.045	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	453834	145.209	ug/l	100
10) Methyl Iodide	3.95	142	676134	160.963	ug/l	100
11) Tert butyl alcohol	4.79	59	501283	794.052	ug/l	100
12) 1,1-Dichloroethene	3.73	96	466613	154.873	ug/l	99
13) Acrolein	3.60	56	167464	358.092	ug/l	96
14) Allyl chloride	4.32	41	839052	165.966	ug/l	99
15) Acrylonitrile	4.99	53	1391013	789.069	ug/l	99
16) Acetone	3.82	43	1192169	641.615	ug/l	100
17) Carbon Disulfide	4.05	76	1300170	184.932	ug/l	99
18) Methyl Acetate	4.32	43	577130	121.214	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1512449	152.062	ug/l	100
20) Methylene Chloride	4.55	84	537178	138.381	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	498009	153.063	ug/l	98
22) Diisopropyl ether	5.95	45	1618251	153.171	ug/l	98
23) Vinyl Acetate	5.89	43	6979124	837.123	ug/l	100
24) 1,1-Dichloroethane	5.85	63	922483	152.335	ug/l	100
25) 2-Butanone	6.84	43	1883749	755.643	ug/l	100
26) 2,2-Dichloropropane	6.82	77	683550	160.887	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	577188	152.110	ug/l	99
28) Bromochloromethane	7.19	49	427778	143.963	ug/l	99
29) Tetrahydrofuran	7.21	42	1239112	801.514	ug/l	98
30) Chloroform	7.37	83	885485	148.440	ug/l	98
31) Cyclohexane	7.65	56	870180	148.023	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	761017	160.467	ug/l	98
36) 1,1-Dichloropropene	7.79	75	709121	154.343	ug/l	99
37) Ethyl Acetate	6.93	43	732359	162.044	ug/l	99
38) Carbon Tetrachloride	7.77	117	662507	162.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	893366	157.076	ug/l	100
40) Benzene	8.04	78	2130638	150.669	ug/l	99
41) Methacrylonitrile	7.18	41	321320m	162.572	ug/l	
42) 1,2-Dichloroethane	8.12	62	675601	145.426	ug/l	100
43) Isopropyl Acetate	8.16	43	1177225	168.234	ug/l	99
44) Trichloroethene	8.83	130	579660	152.779	ug/l	98
45) 1,2-Dichloropropane	9.12	63	577706	152.865	ug/l	99
46) Dibromomethane	9.21	93	363805	154.034	ug/l	100
47) Bromodichloromethane	9.40	83	705292	166.894	ug/l	99
48) Methyl methacrylate	9.20	41	574050	163.416	ug/l	100
49) 1,4-Dioxane	9.20	88	233240	3224.553	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	3686726	815.915	ug/l	100
52) Toluene	10.15	92	1327857	153.737	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	812471	189.987	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	892871	175.911	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	530815	153.112	ug/l	99
56) Ethyl methacrylate	10.43	69	869771	170.420	ug/l	99
57) 1,3-Dichloropropane	10.71	76	896896	154.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2127598	1088.495	ug/l	99
59) 2-Hexanone	10.75	43	2778504	833.868	ug/l	99
60) Dibromochloromethane	10.90	129	579510	181.578	ug/l	99
61) 1,2-Dibromoethane	11.00	107	569631	160.889	ug/l	99
64) Tetrachloroethene	10.63	164	540290	142.775	ug/l	98
65) Chlorobenzene	11.43	112	1439686	151.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	536032	164.802	ug/l	99
67) Ethyl Benzene	11.51	91	2577788	153.780	ug/l	99
68) m/p-Xylenes	11.62	106	1940757	315.702	ug/l	99
69) o-Xylene	11.95	106	930010	152.947	ug/l	98
70) Styrene	11.96	104	1630711	167.634	ug/l	100
71) Bromoform	12.13	173	455552	197.516	ug/l #	99
73) Isopropylbenzene	12.25	105	2473921	122.202	ug/l	100
74) N-amyl acetate	12.07	43	1036159	140.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	789883	124.559	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	639695m	131.574	ug/l	
77) Bromobenzene	12.52	156	662866	129.006	ug/l	98
78) n-propylbenzene	12.59	91	2859691	135.159	ug/l	100
79) 2-Chlorotoluene	12.67	91	1674683	125.877	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2112913	127.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	272784	192.181	ug/l	93
82) 4-Chlorotoluene	12.77	91	1725629	138.246	ug/l	99
83) tert-Butylbenzene	12.99	119	1812406	120.399	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2132544	136.942	ug/l	100
85) sec-Butylbenzene	13.17	105	2410730	130.140	ug/l	100
86) p-Isopropyltoluene	13.29	119	2219394	139.089	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1148828	146.548	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1143118	149.933	ug/l	99
89) n-Butylbenzene	13.61	91	1960000	159.735	ug/l	99
90) Hexachloroethane	13.87	117	382075	152.366	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1128174	144.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	160925	184.294	ug/l	99

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ClientSampleId :
VSTDICC150

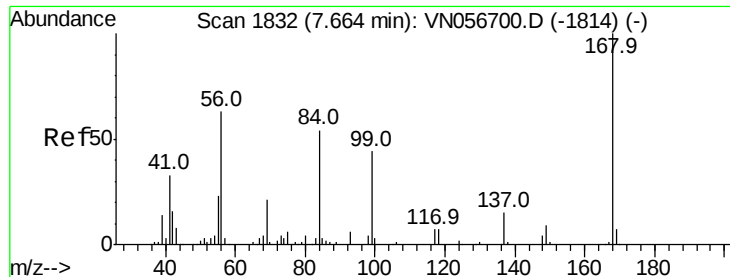
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	736578	219.052	ug/l	99
94) Hexachlorobutadiene	15.01	225	379764	128.543	ug/l	100
95) Naphthalene	15.13	128	2049164	230.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	727894	203.223	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 339816

Ion Ratio Lower Upper

168 100

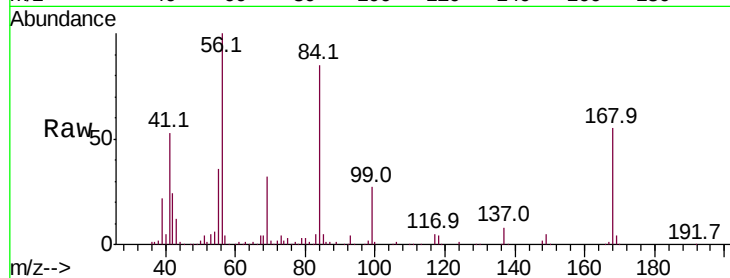
99 48.8 39.4 59.2

Manual Integrations

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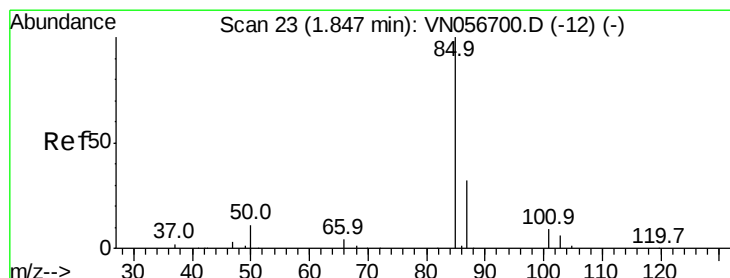
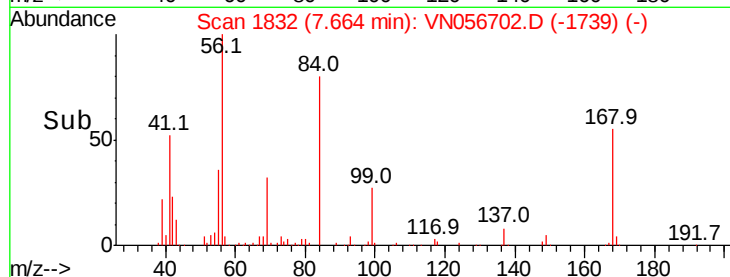
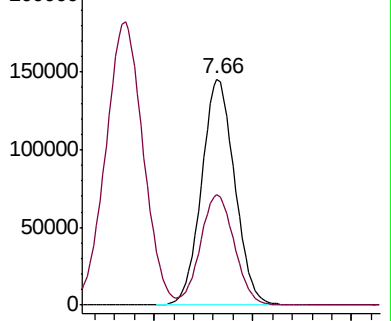
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 155.515 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056702.D

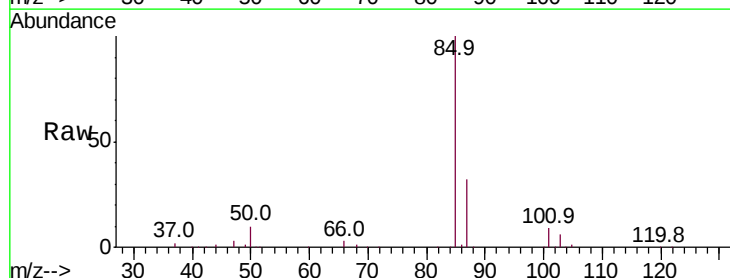
Acq: 15 Jul 2019 10:43

Tgt Ion: 85 Resp: 449687

Ion Ratio Lower Upper

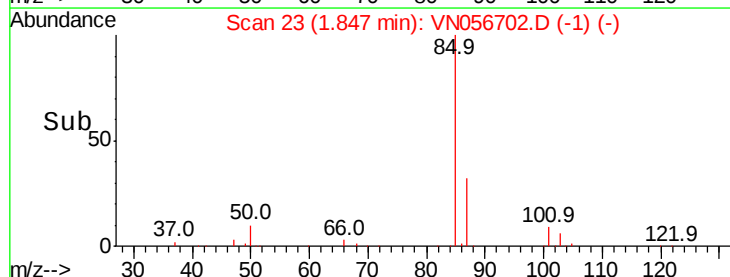
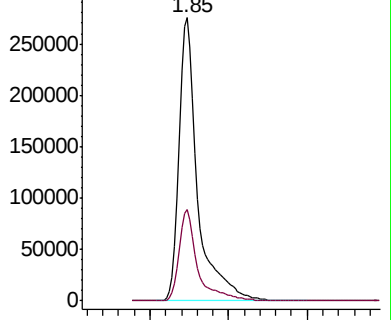
85 100

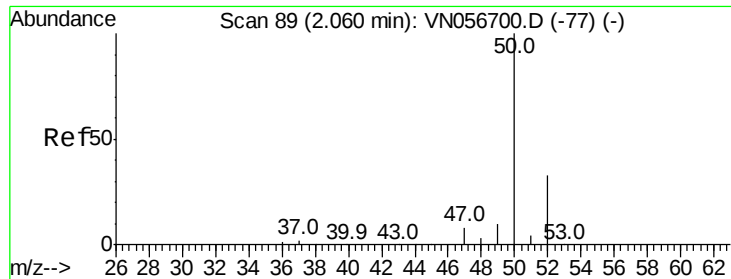
87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





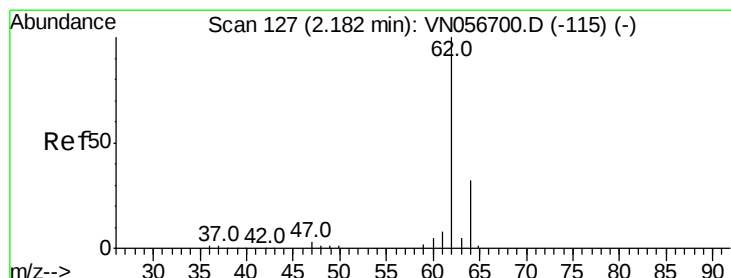
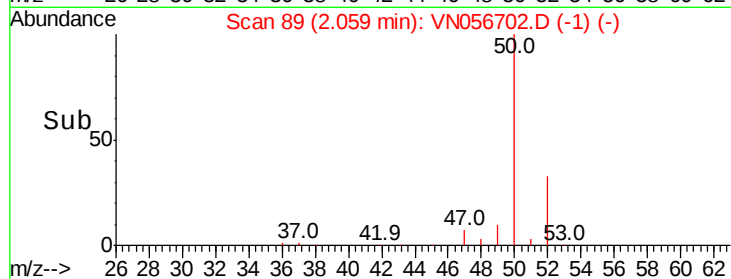
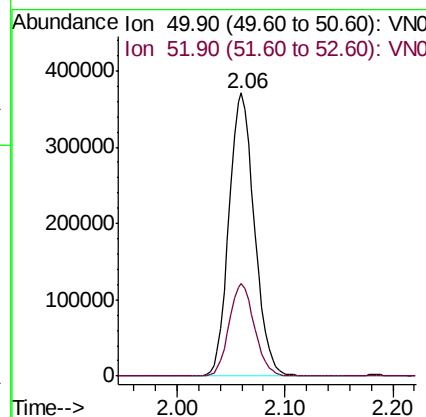
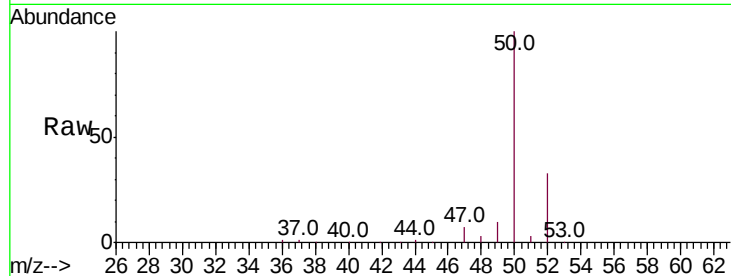
#3
Chloromethane
Concen: 154.544 ug/l
RT: 2.06 min Scan# 89
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.5	39.7

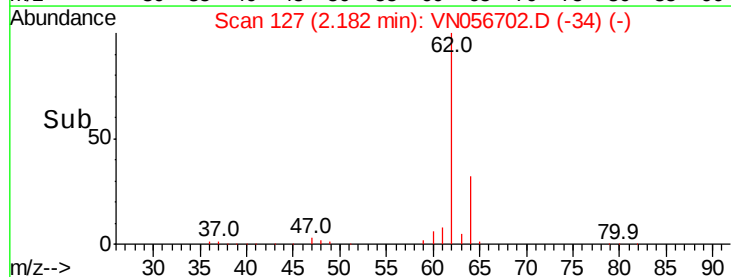
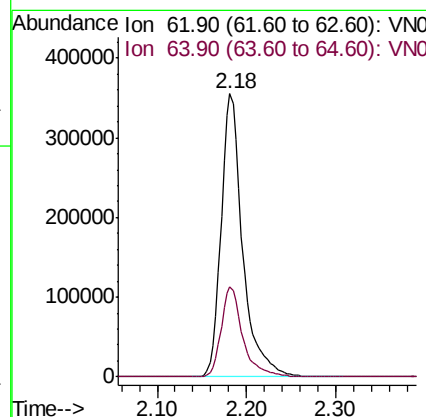
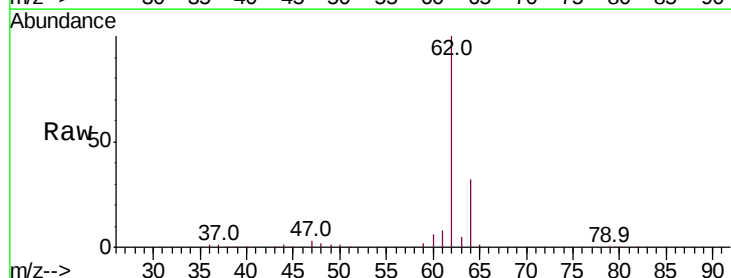
Manual Integrations
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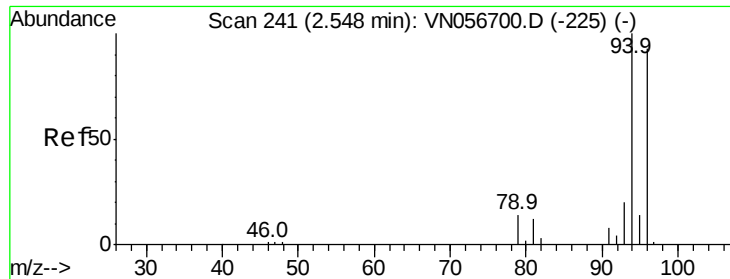
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#4
Vinyl Chloride
Concen: 155.718 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.6	38.4





#5

Bromomethane

Concen: 156.682 ug/l m

RT: 2.52 min Scan# 232

Delta R.T. -0.03 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 347325

Ion Ratio Lower Upper

94 100

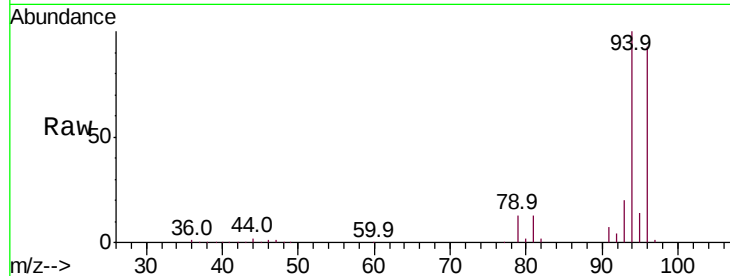
96 92.5 74.0 111.0

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

200000

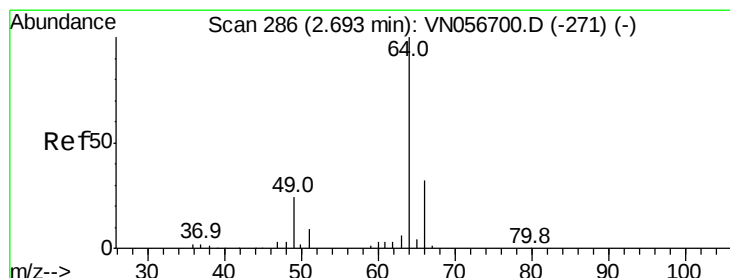
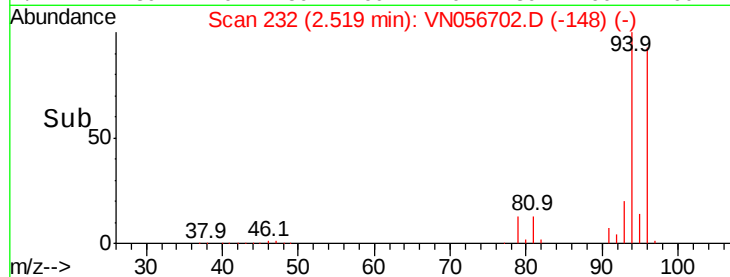
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 153.330 ug/l m

RT: 2.67 min Scan# 280

Delta R.T. -0.02 min

Lab File: VN056702.D

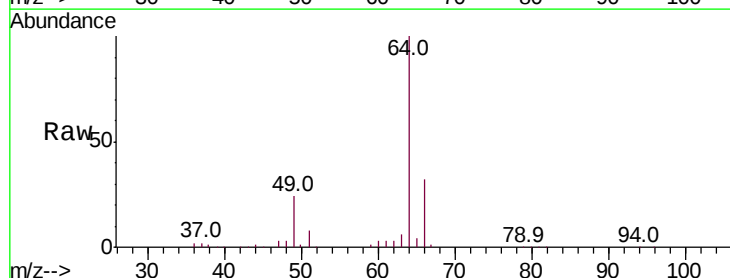
Acq: 15 Jul 2019 10:43

Tgt Ion: 64 Resp: 337090

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

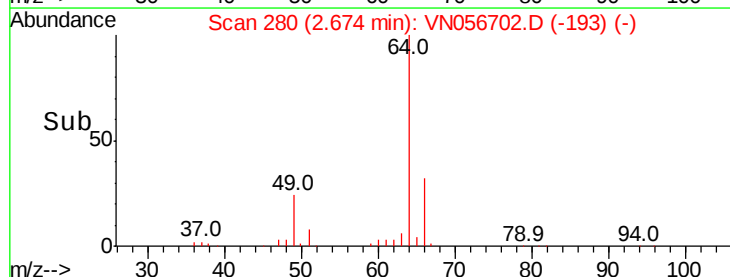
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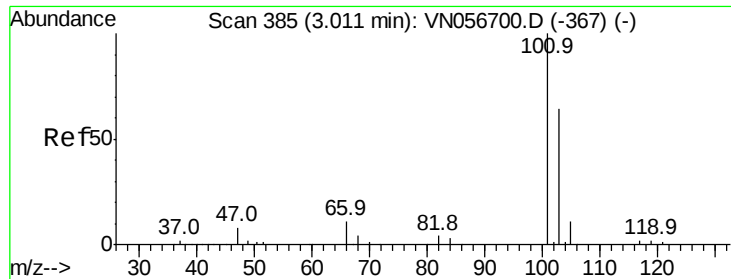
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50000

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Time-->





#7

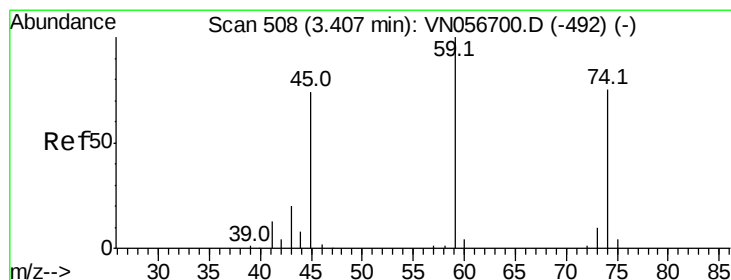
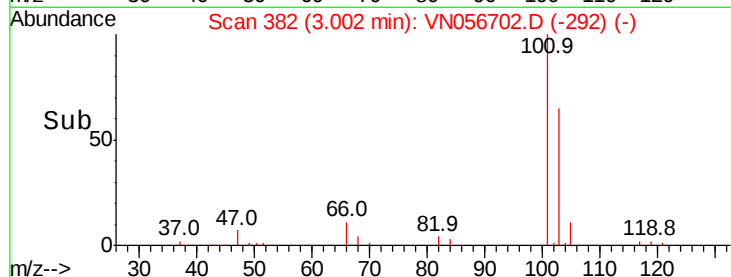
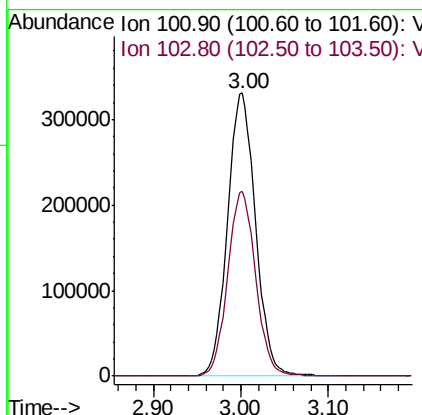
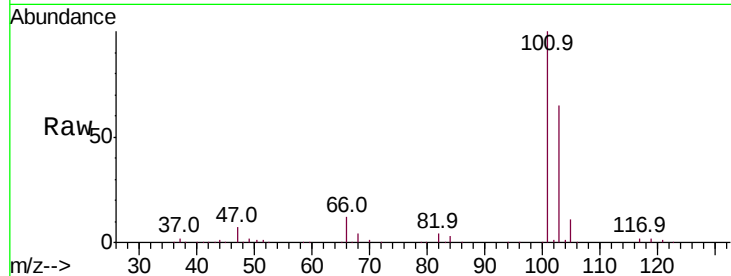
Trichlorofluoromethane
Concen: 149.782 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.5	77.3

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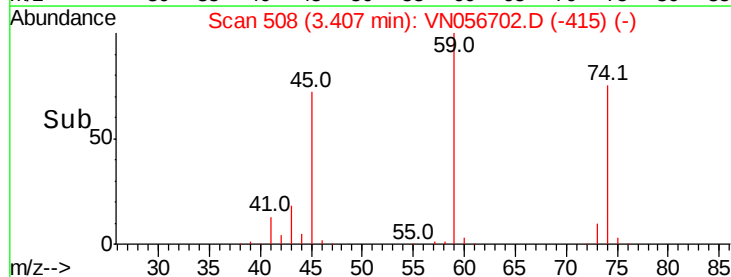
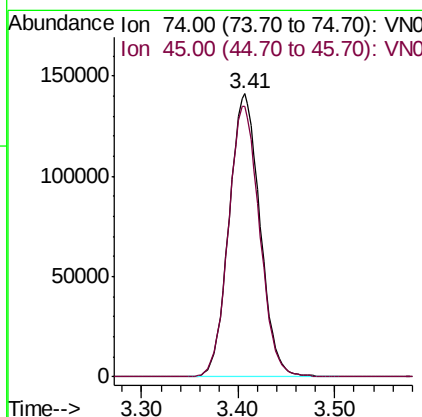
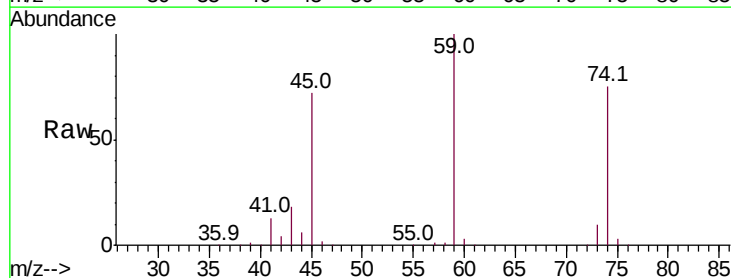
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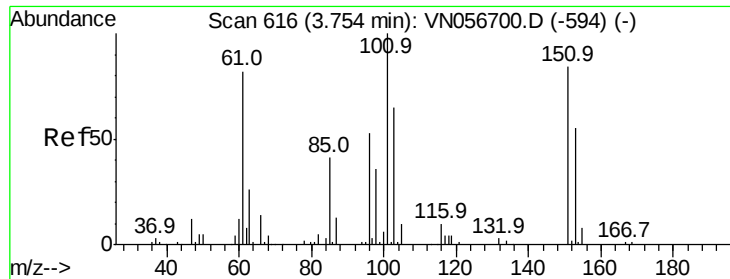


#8

Diethyl Ether
Concen: 151.045 ug/l
RT: 3.41 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	49.4	148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.209 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

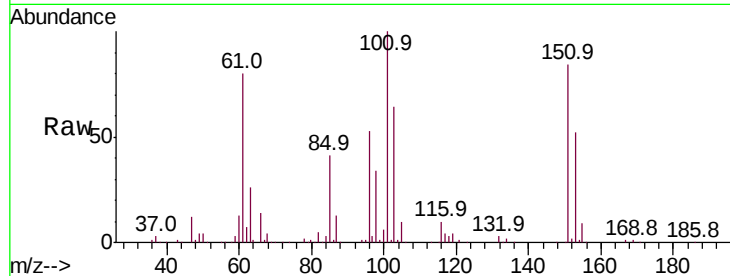
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	453834
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.3	49.9
151	84.0	67.0	100.6

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7/17/2019 1:31:23 AM

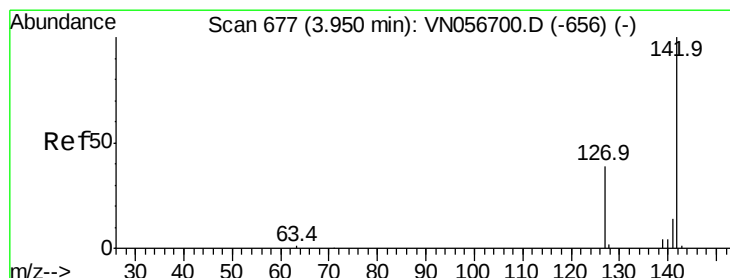
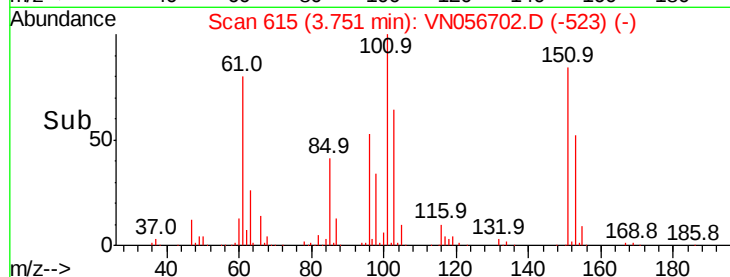
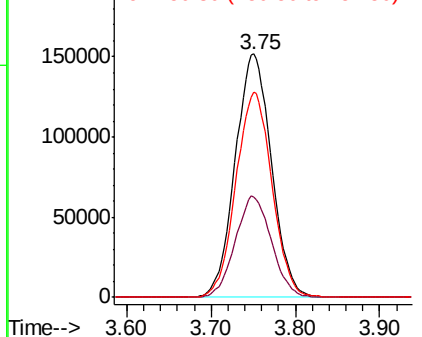


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 160.963 ug/l

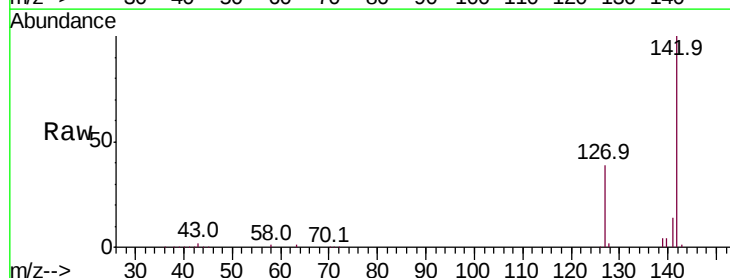
RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion:	142	Resp:	676134
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.7	46.1
141	14.0	11.3	16.9

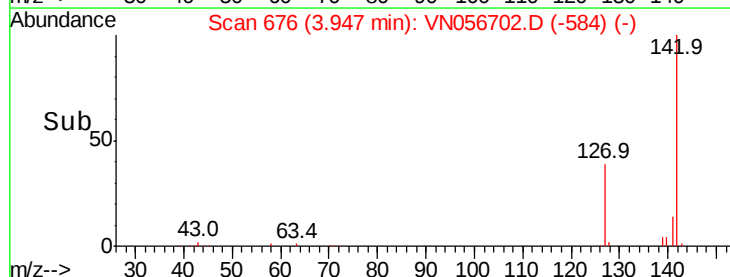
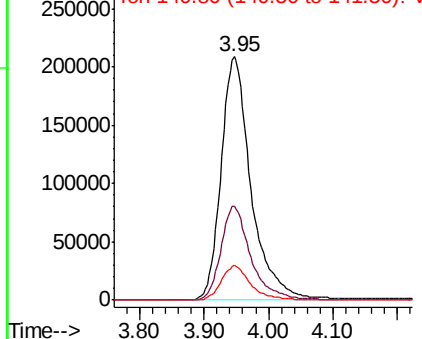


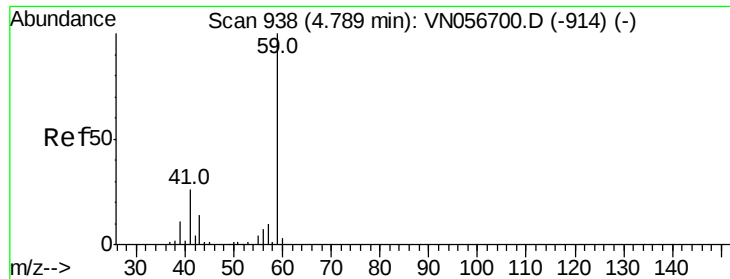
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

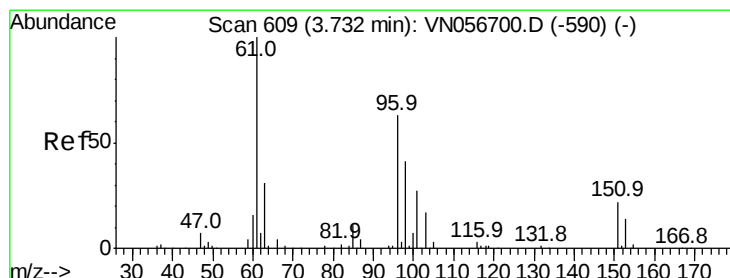
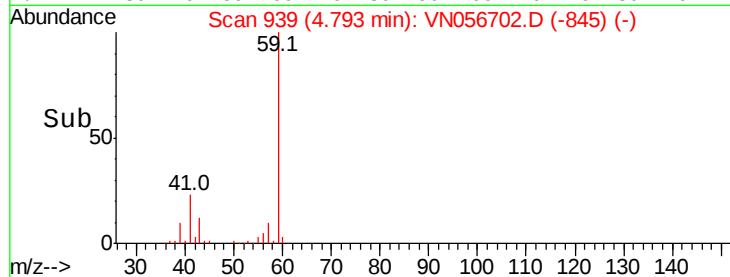
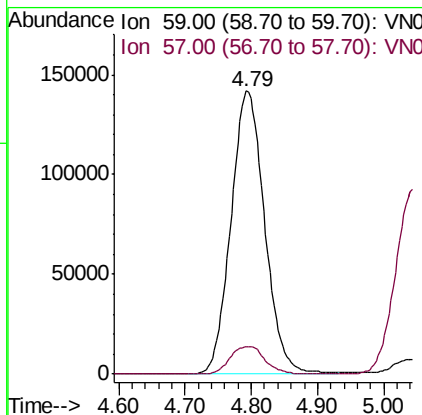
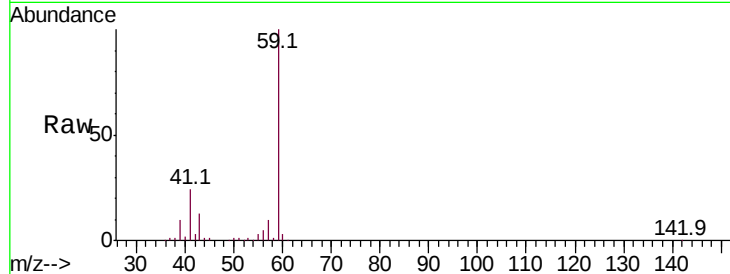
Tert butyl alcohol
Concen: 794.052 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

Manual Integrations
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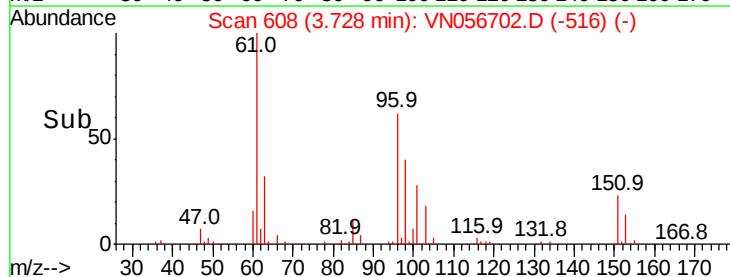
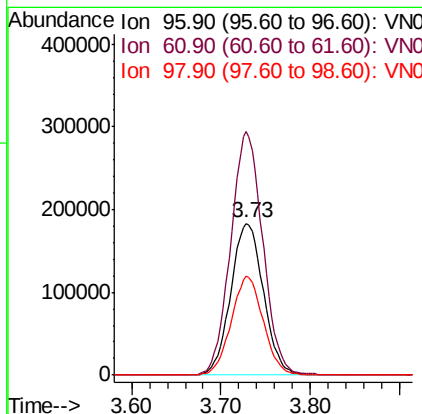
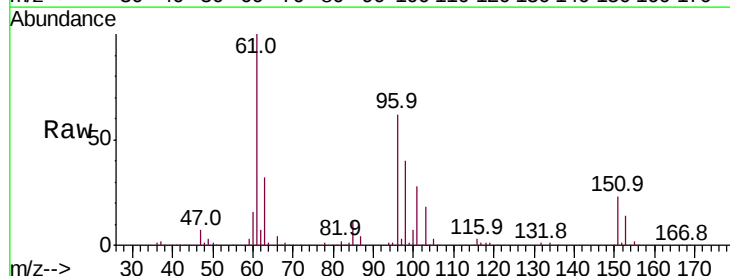
MMDadoda
7/17/2019 1:31:23 AM

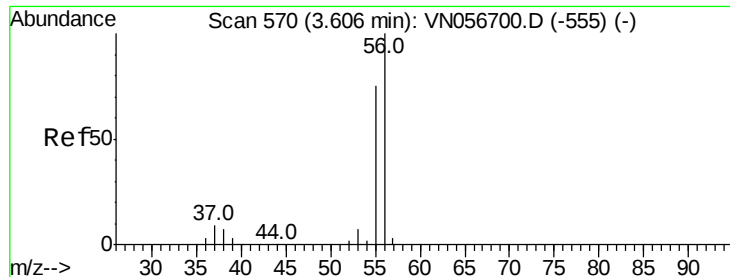


#12

1,1-Dichloroethene
Concen: 154.873 ug/l
RT: 3.73 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	126.6	189.8
98	64.9	51.4	77.2





#13

Acrolein

Concen: 358.092 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 167464

Ion Ratio Lower Upper

56 100

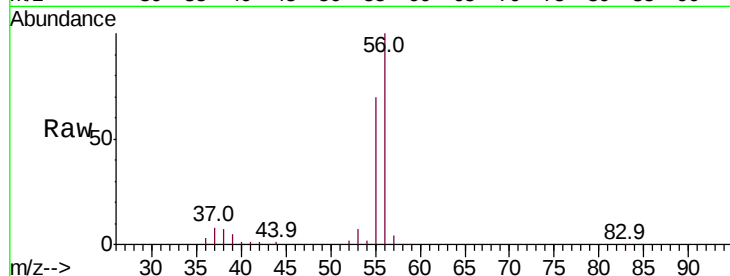
55 69.0 58.0 87.0

Manual Integrations

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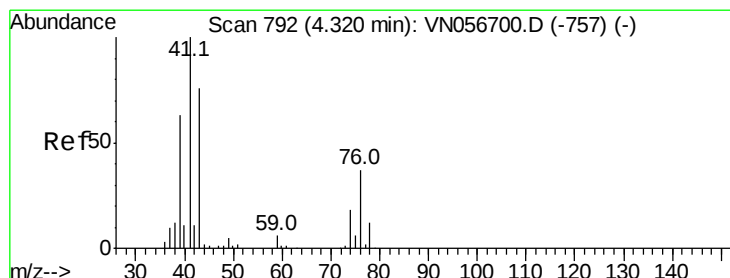
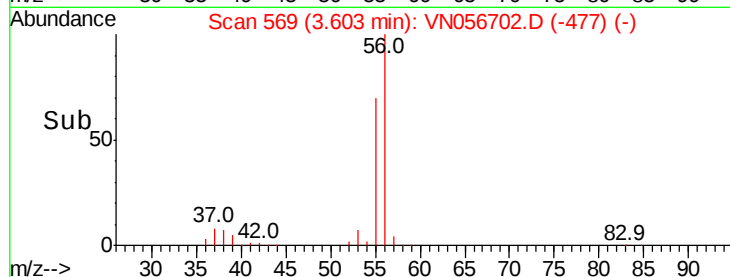
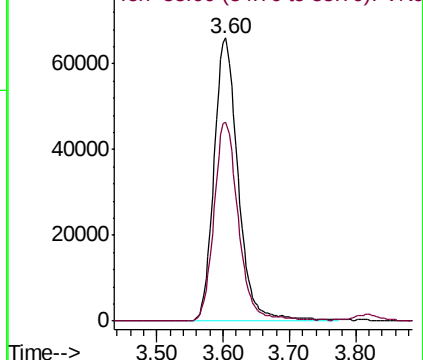
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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 165.966 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

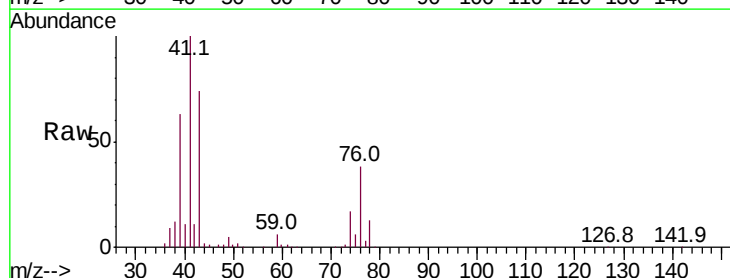
Tgt Ion: 41 Resp: 839052

Ion Ratio Lower Upper

41 100

39 58.0 46.9 70.3

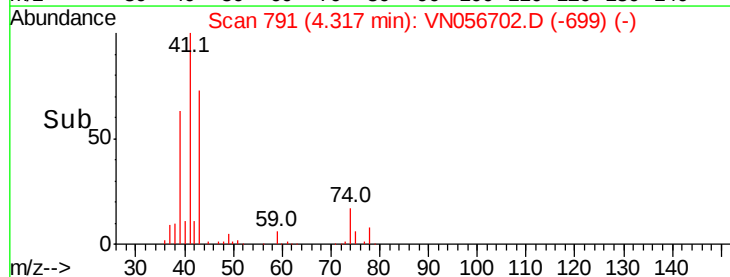
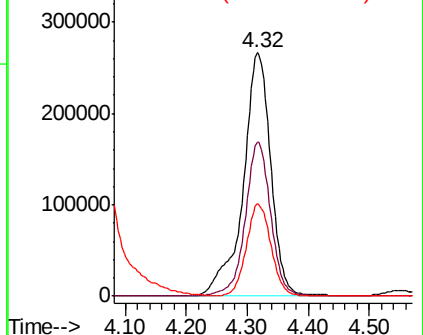
76 33.0 26.5 39.7

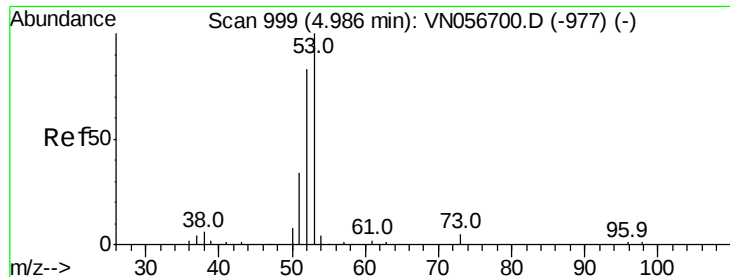


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 789.069 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1391013

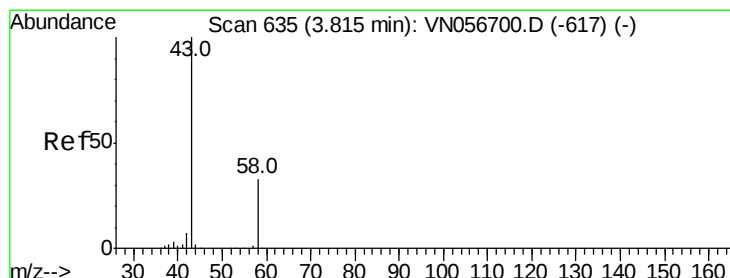
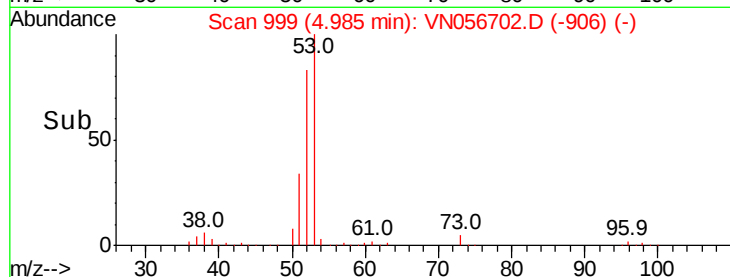
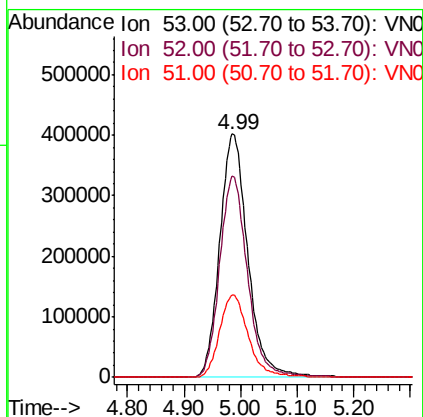
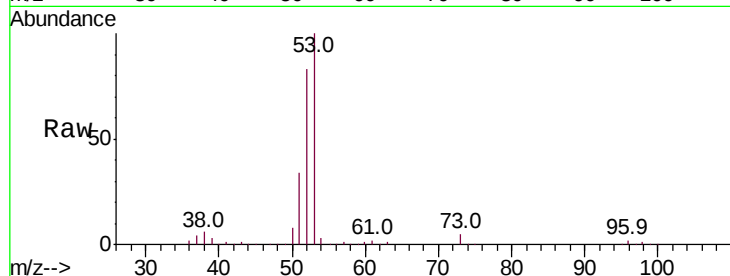
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.6	99.8
51	34.9	28.4	42.6

Manual Integrations

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#16

Acetone

Concen: 641.615 ug/l

RT: 3.82 min Scan# 635

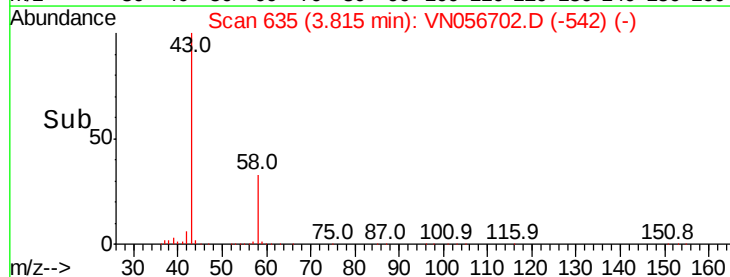
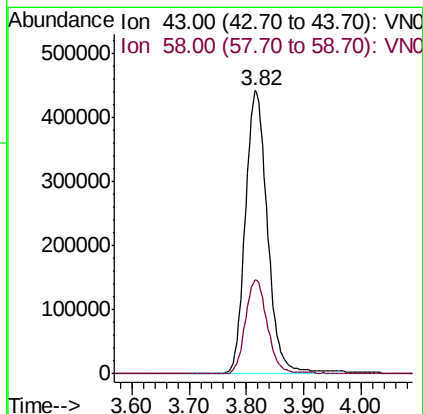
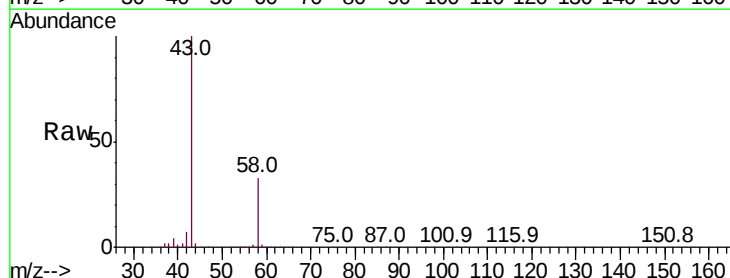
Delta R.T. -0.00 min

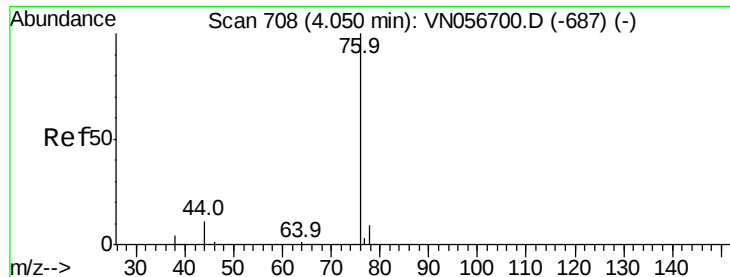
Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion: 43 Resp: 1192169

Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.7	40.1





#17

Carbon Disulfide

Concen: 184.932 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1300170

Ion Ratio Lower Upper

76 100

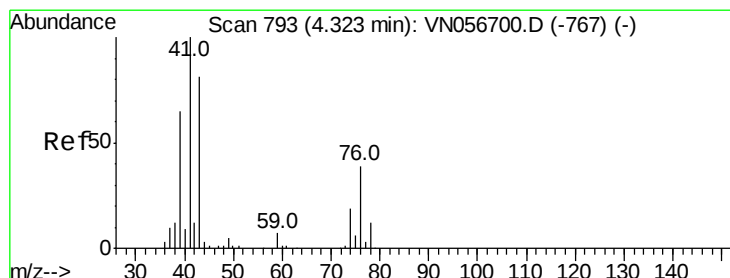
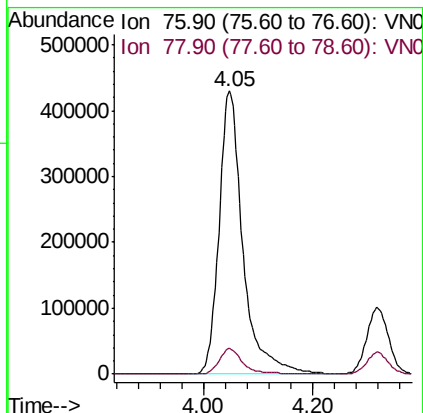
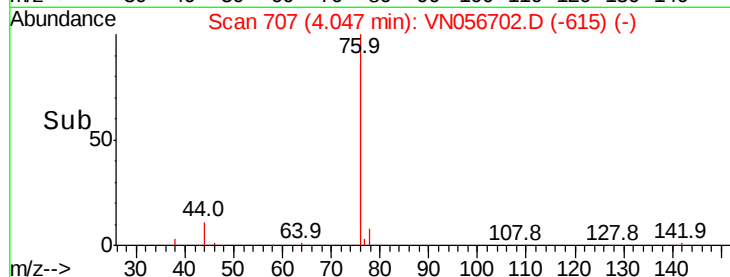
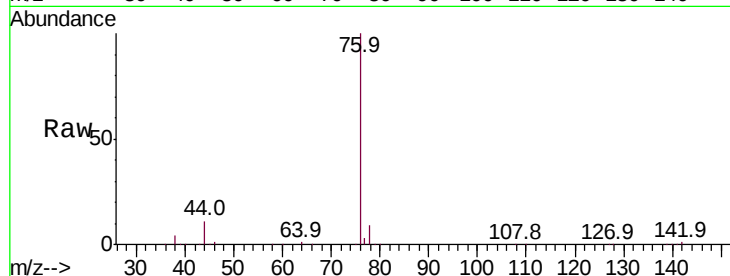
78 9.0 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 121.214 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056702.D

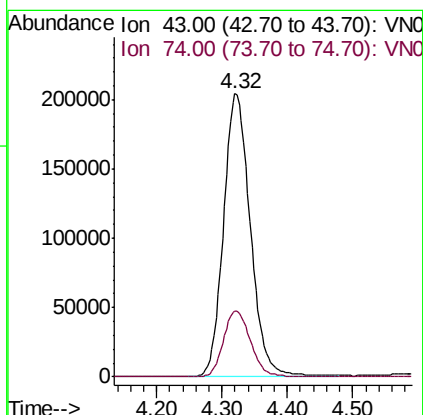
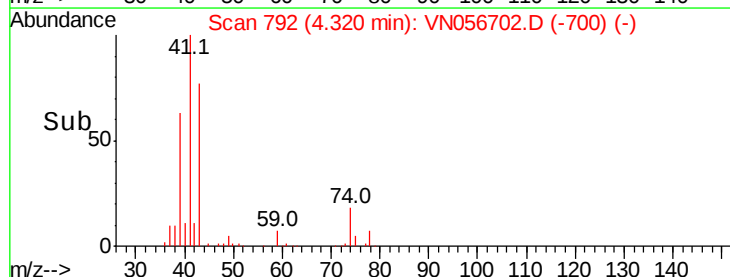
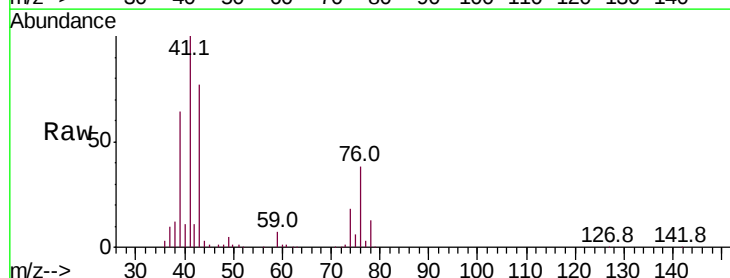
Acq: 15 Jul 2019 10:43

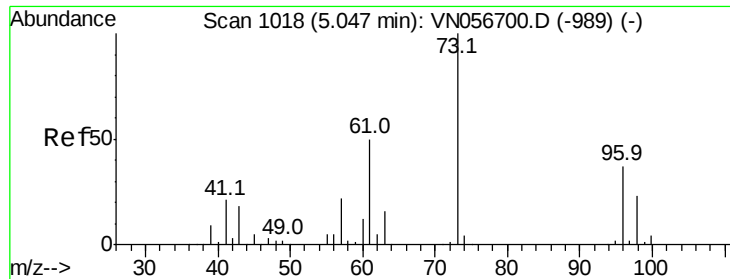
Tgt Ion: 43 Resp: 577130

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3





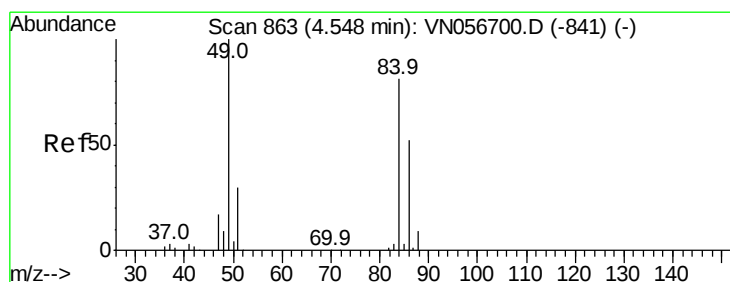
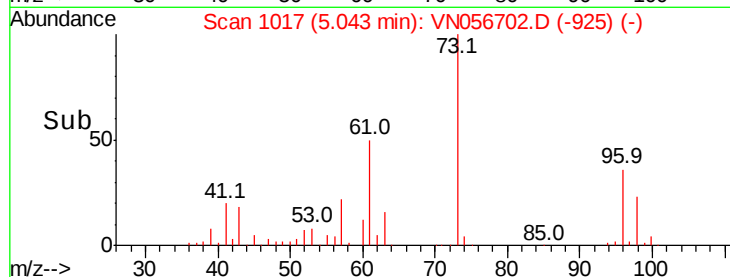
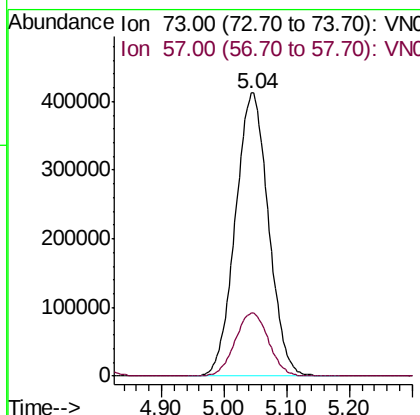
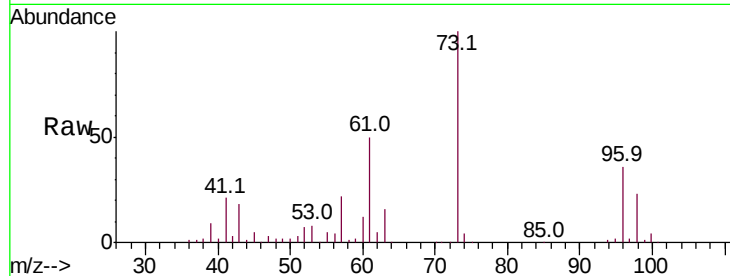
#19
Methvl tert-butvl Ether
Concen: 152.062 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1512449
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9

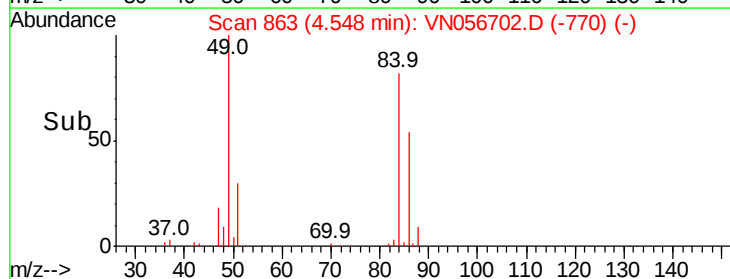
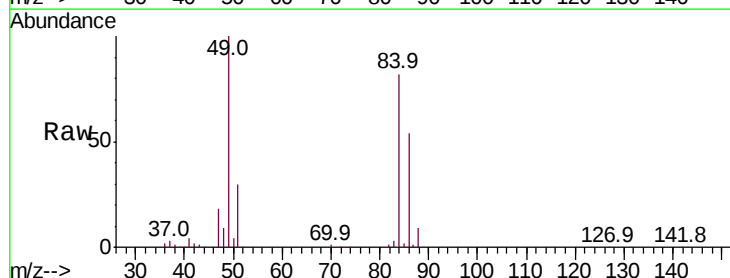
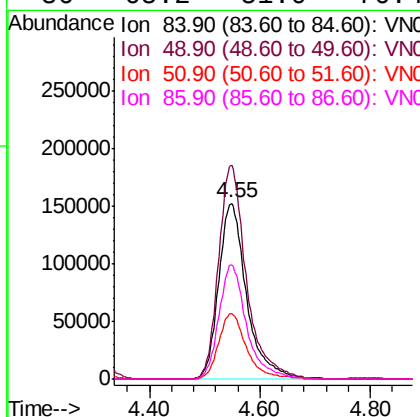
Manual Integrations
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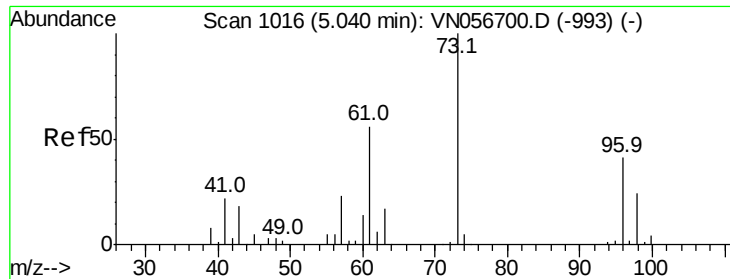
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7/17/2019 1:31:23 AM



#20
Methylene Chloride
Concen: 138.381 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion: 84 Resp: 537178
Ion Ratio Lower Upper
84 100
49 121.7 98.2 147.4
51 37.1 29.6 44.4
86 65.2 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 153.063 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN056702.D

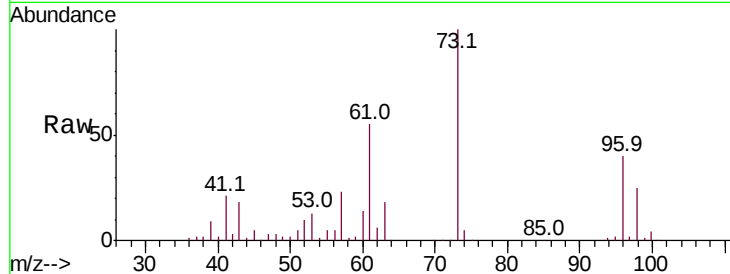
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	96	Resp:	498009
Ion	Ratio	Lower	Upper
96	100		
61	137.8	109.4	164.2
98	63.4	48.0	72.0

Manual Integrations
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MMDadoda
7/17/2019 1:31:23 AM

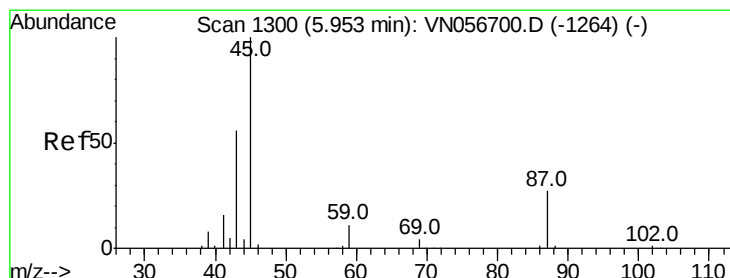
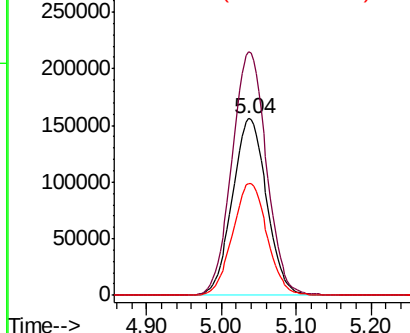
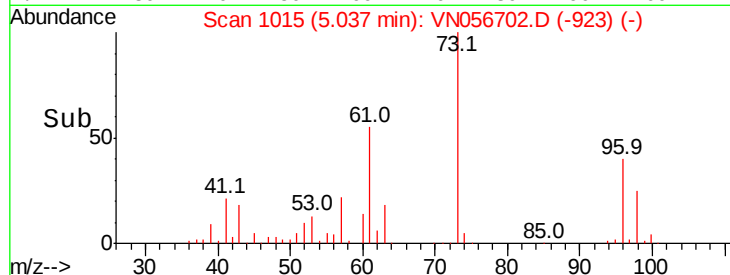


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 153.171 ug/l

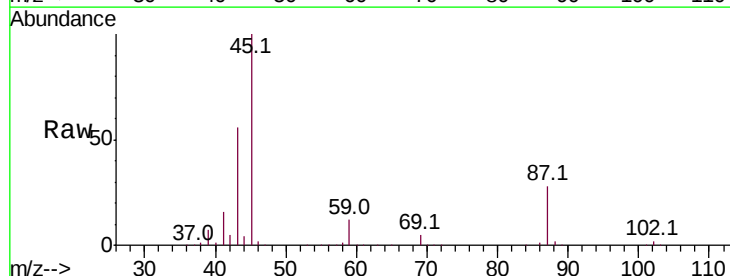
RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion:	45	Resp:	1618251
Ion	Ratio	Lower	Upper
45	100		
43	55.2	45.6	68.4
87	27.7	22.0	33.0
59	11.9	9.3	13.9



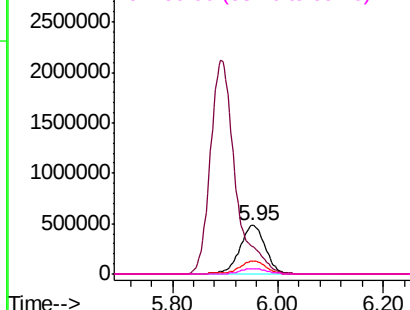
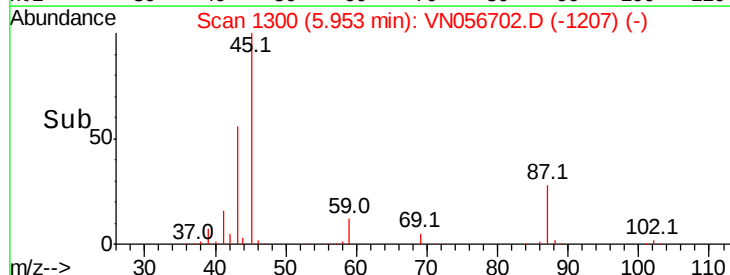
Abundance

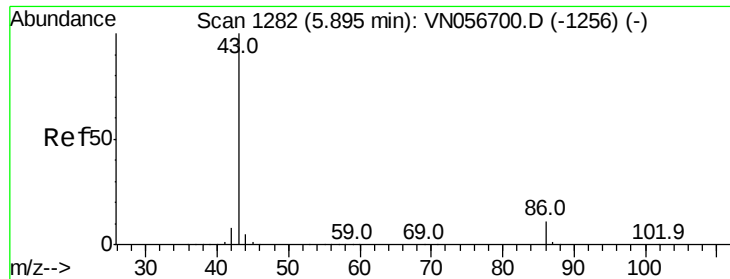
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





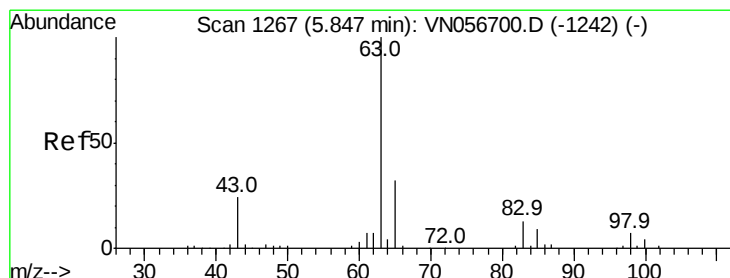
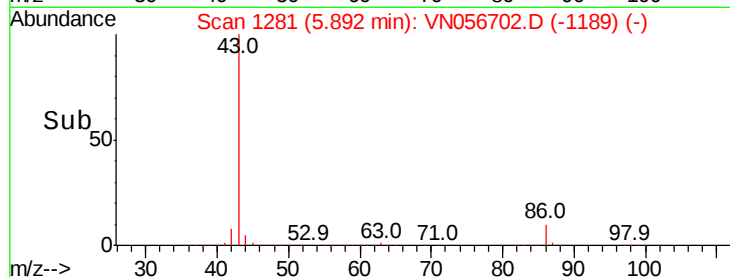
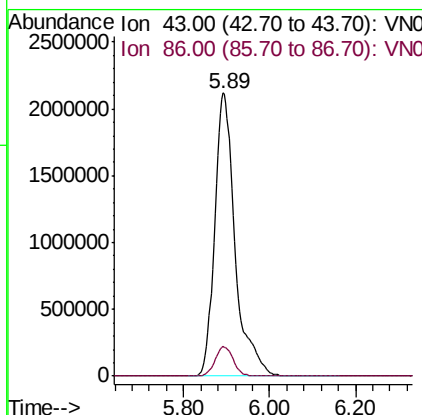
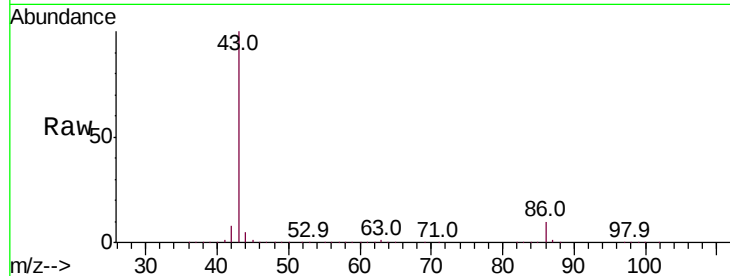
#23
 Vinyl Acetate
 Concen: 837.123 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 6979124
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

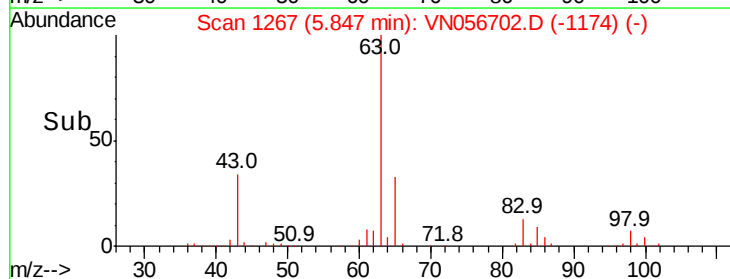
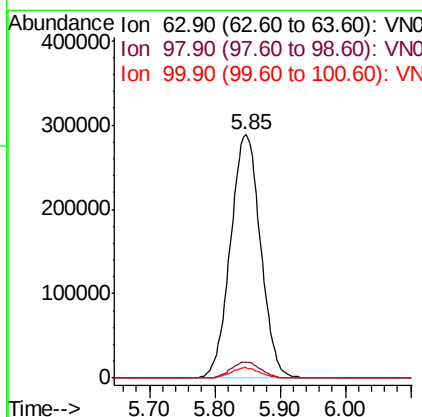
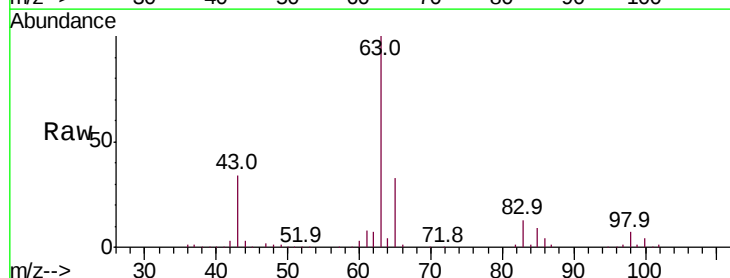
Manual Integrations
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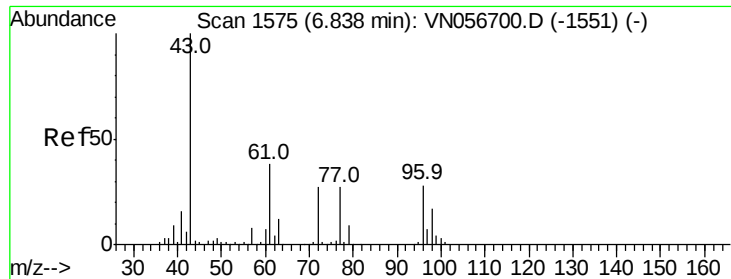
MMDadoda
 7/17/2019 1:31:23 AM



#24
 1,1-Dichloroethane
 Concen: 152.335 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion: 63 Resp: 922483
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.2 2.0 5.8





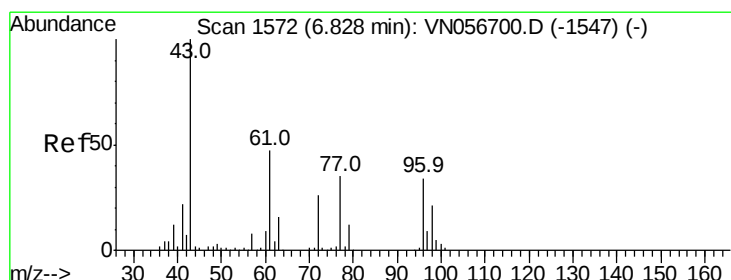
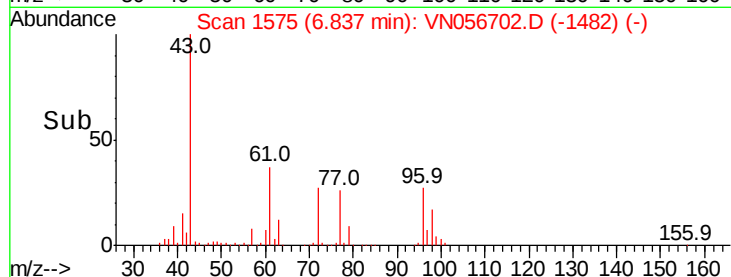
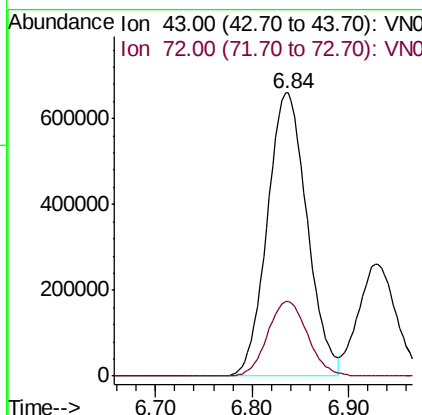
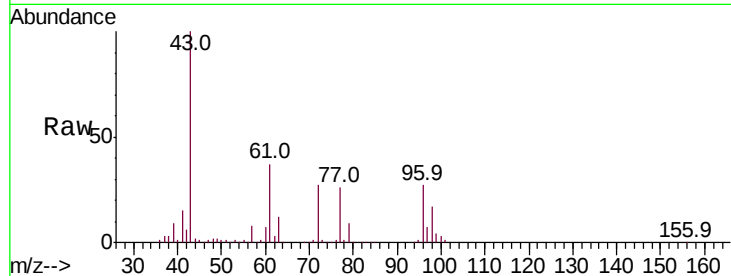
#25
2-Butanone
Concen: 755.643 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1883749
Ion Ratio Lower Upper
43 100
72 26.6 21.2 31.8

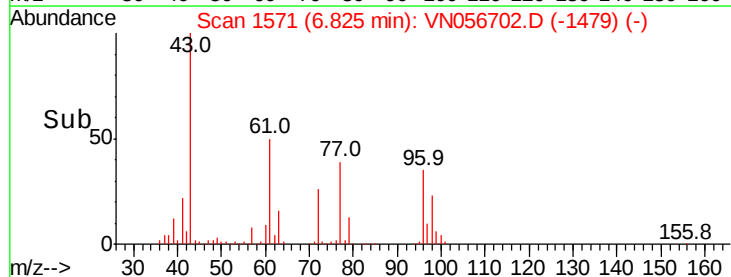
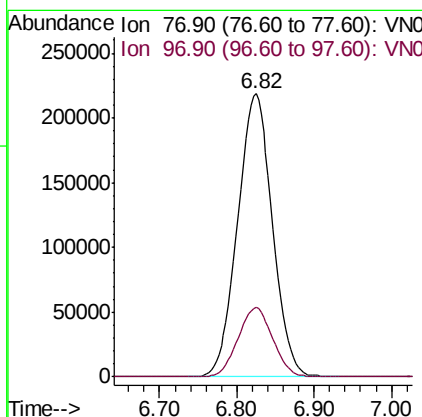
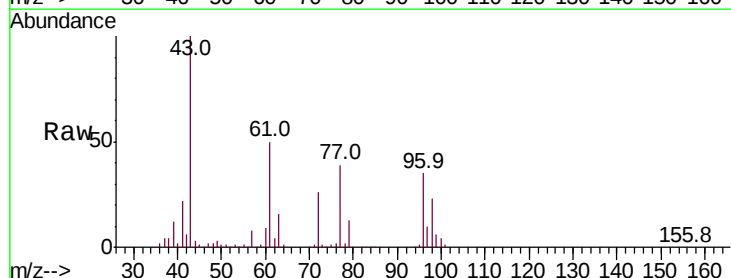
Manual Integrations
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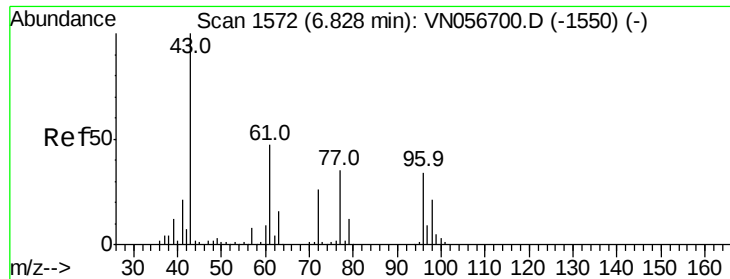
MMDadoda
7/17/2019 1:31:23 AM



#26
2,2-Dichloropropane
Concen: 160.887 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion: 77 Resp: 683550
Ion Ratio Lower Upper
77 100
97 24.5 12.2 36.6





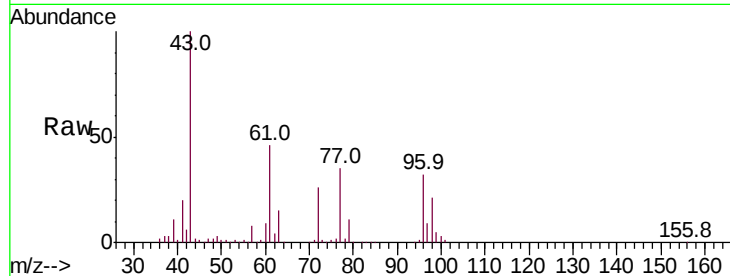
#27
 cis-1,2-Dichloroethene
 Concen: 152.110 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

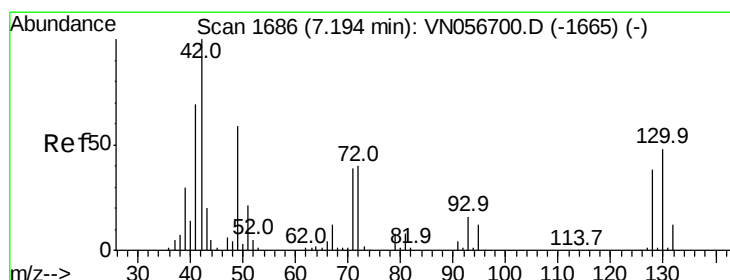
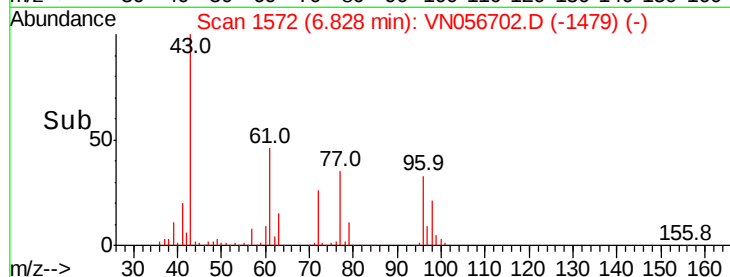
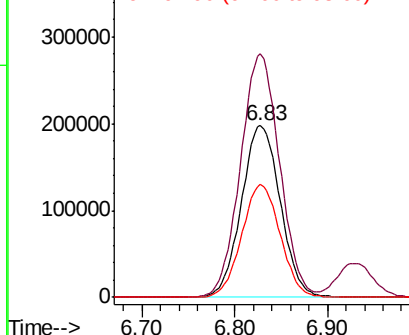
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	281.4
98	65.0	0.0	127.8

Manual Integrations
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MMDadoda
 7/17/2019 1:31:23 AM

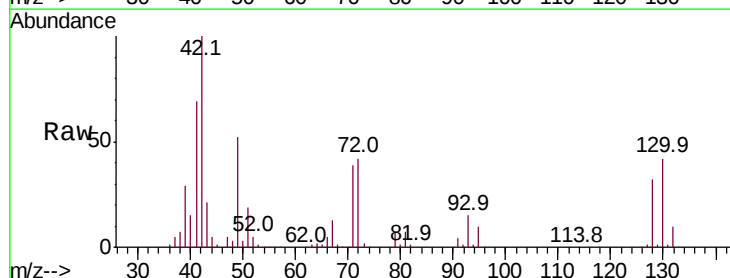


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

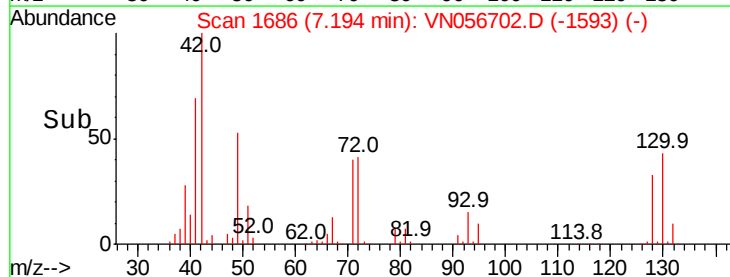
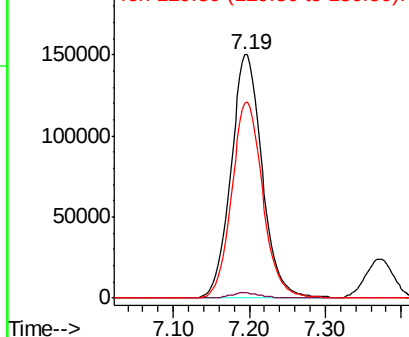


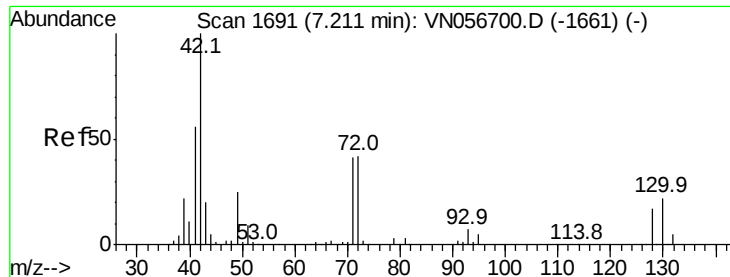
#28
 Bromochloromethane
 Concen: 143.963 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.3	64.7	97.1



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





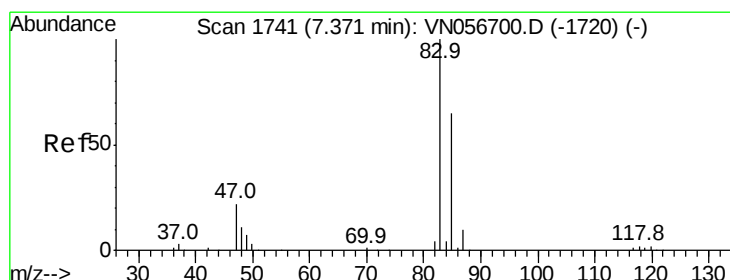
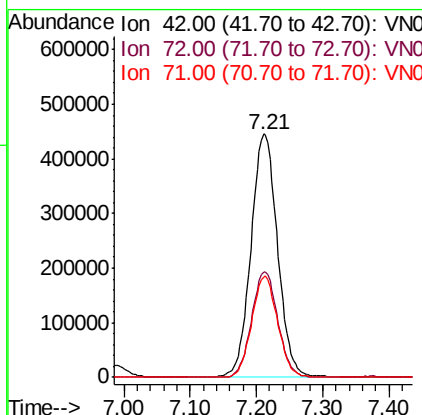
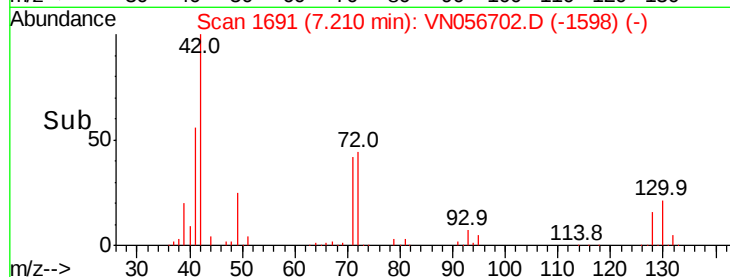
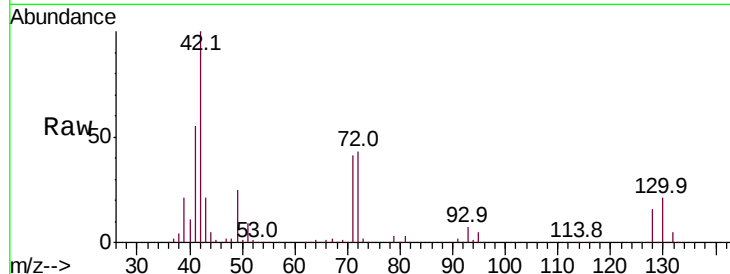
#29
Tetrahydrofuran
Concen: 801.514 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	33.5	50.3
71	40.7	31.8	47.8

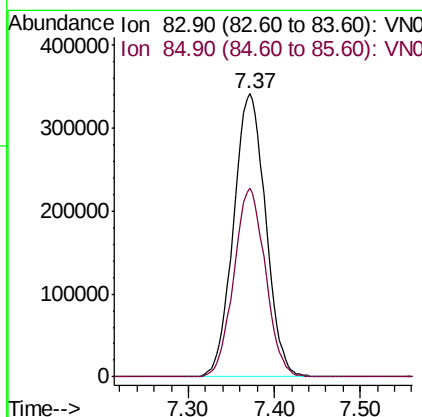
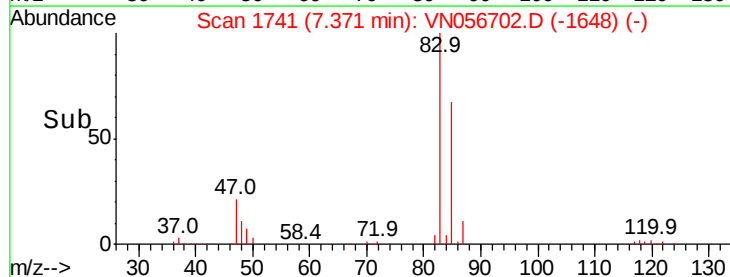
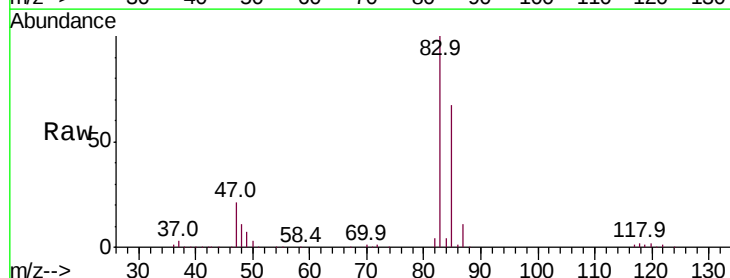
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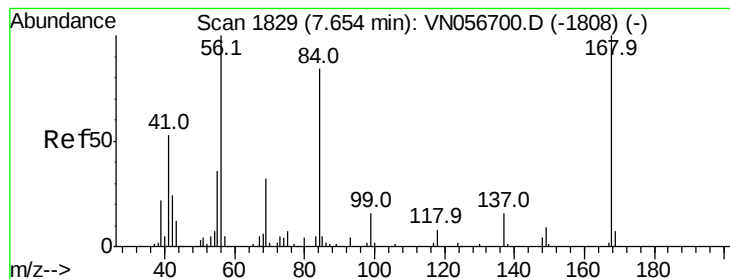
MMDadoda
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#30
Chloroform
Concen: 148.440 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.9	77.9





#31

Cyclohexane

Concen: 148.023 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 870180

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.8

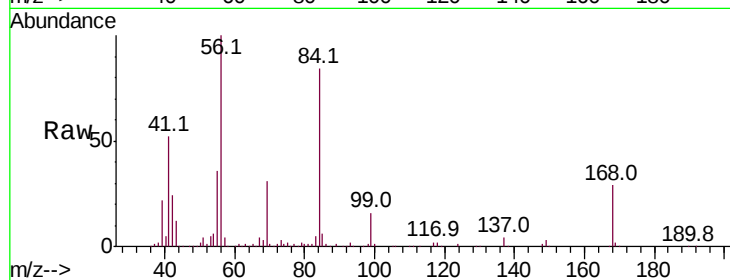
84 82.8 67.4 101.0

Manual Integrations

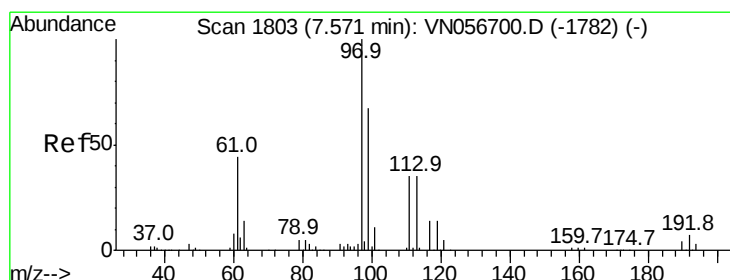
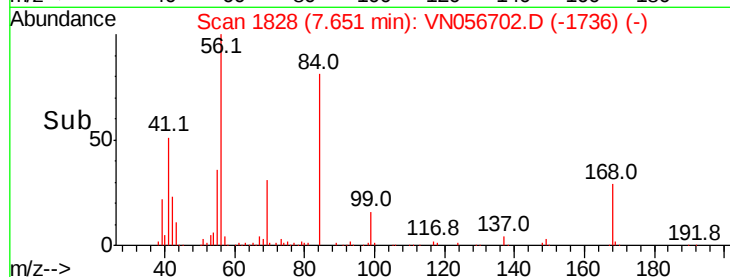
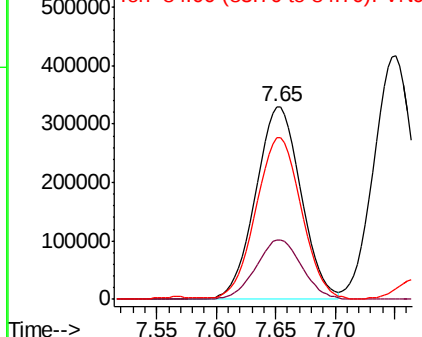
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Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 160.467 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

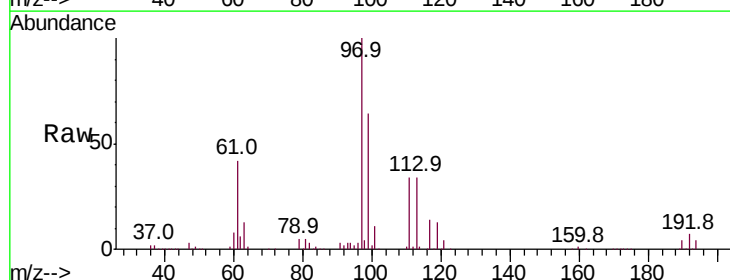
Tgt Ion: 97 Resp: 761017

Ion Ratio Lower Upper

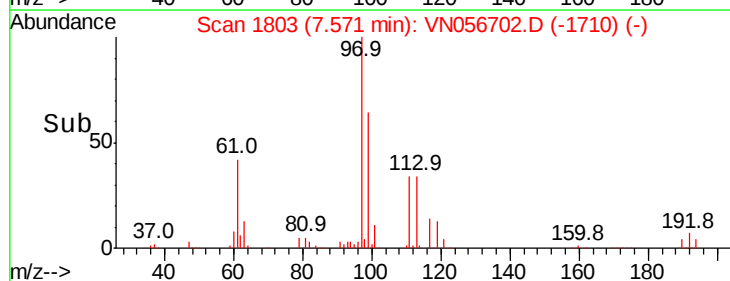
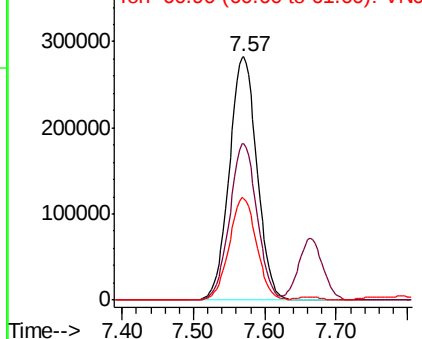
97 100

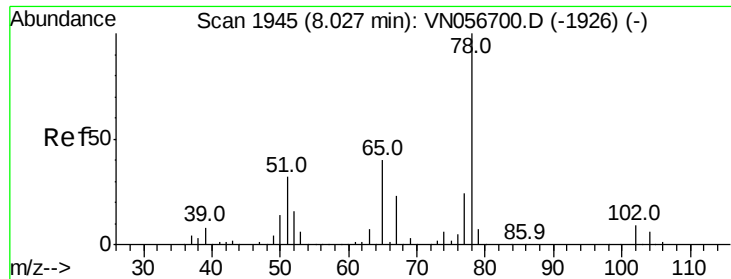
99 63.8 52.0 78.0

61 41.7 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





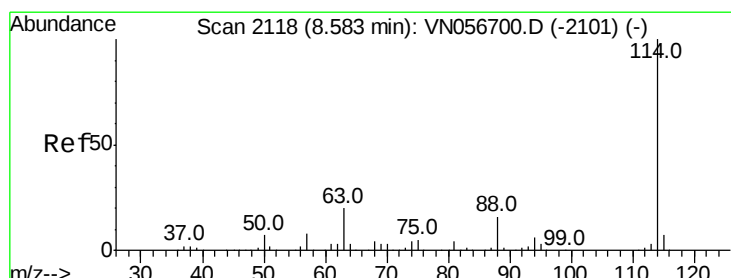
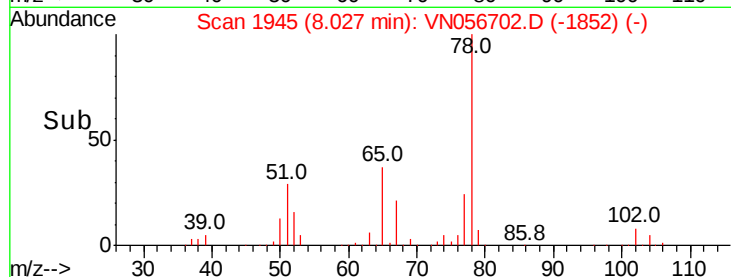
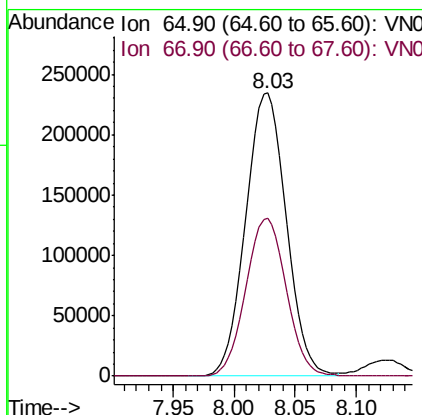
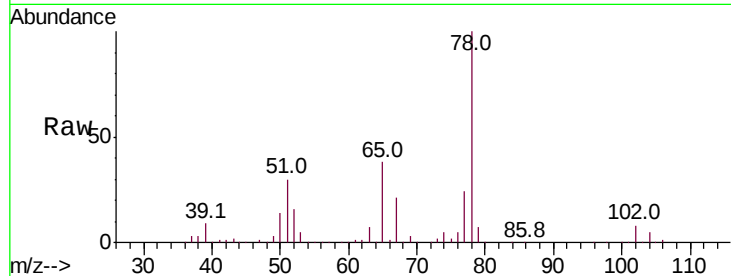
#33
 1,2-Dichloroethane-d4
 Concen: 144.260 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.5	0.0	109.0	

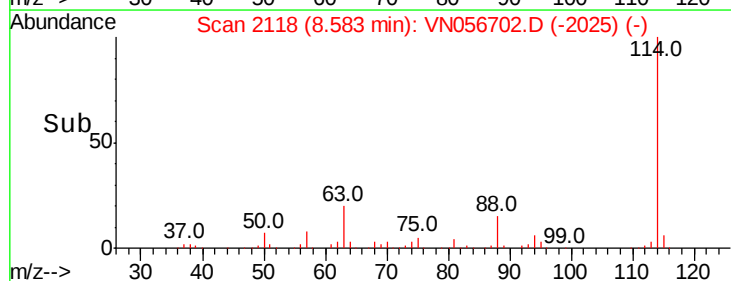
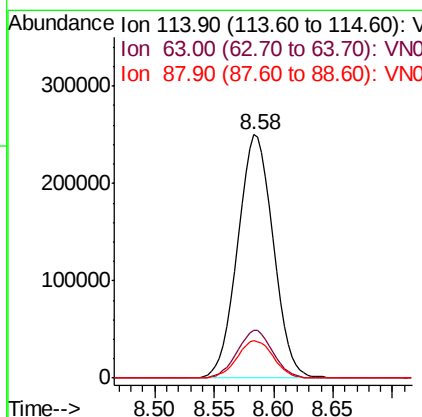
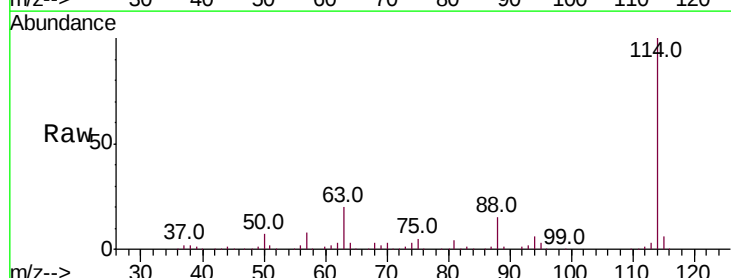
Manual Integrations
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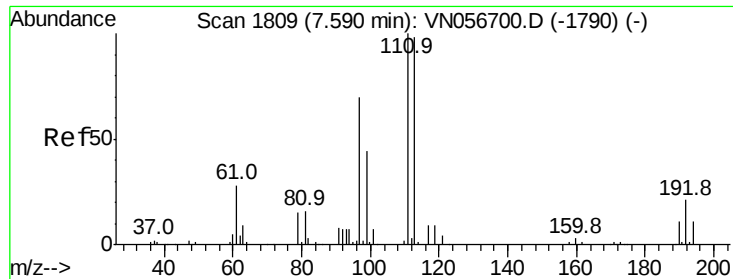
MMDadoda
 7/17/2019 1:31:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	39.4	
88	15.3	0.0	31.2	





#35

Dibromofluoromethane

Concen: 149.278 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

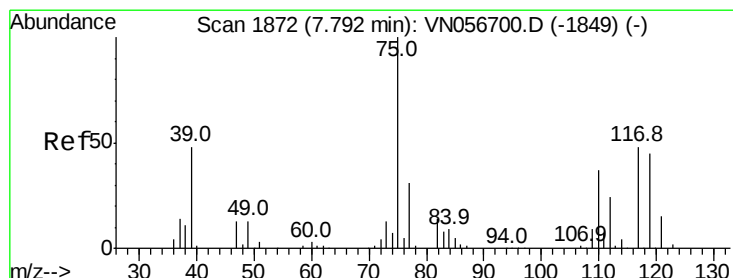
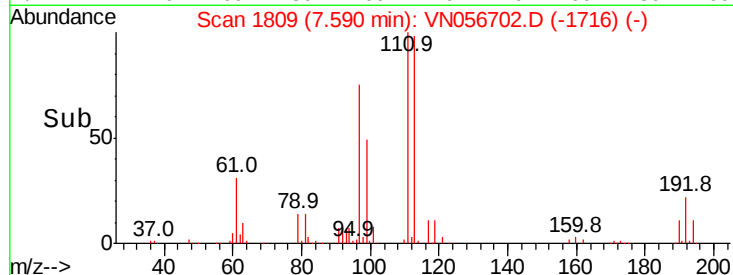
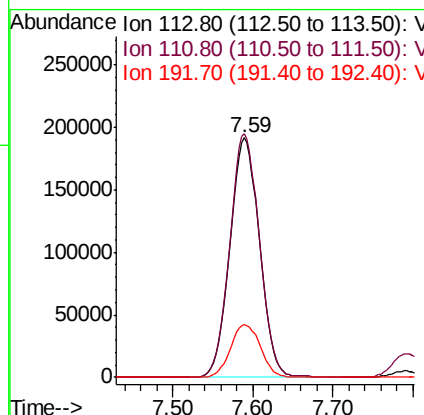
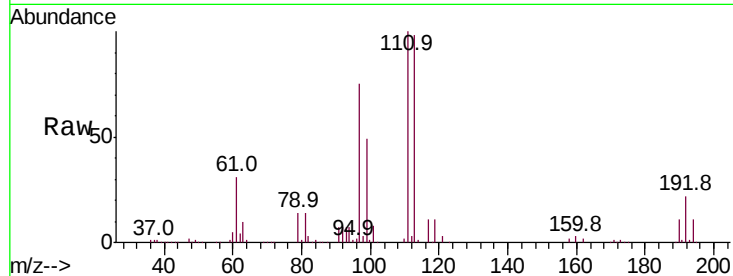
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	480895
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.8	122.6
192	22.2	17.5	26.3

Manual Integrations
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7/17/2019 1:31:23 AM



#36

1,1-Dichloropropene

Concen: 154.343 ug/l

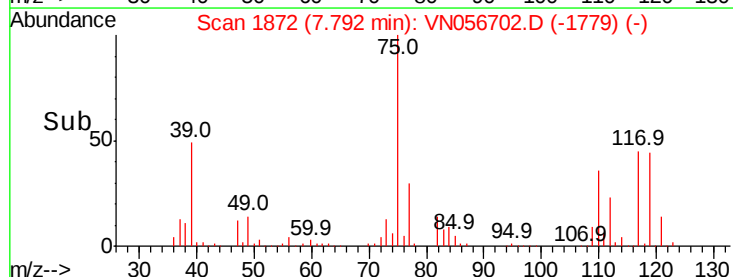
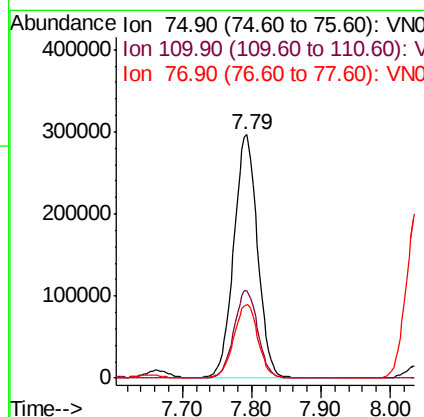
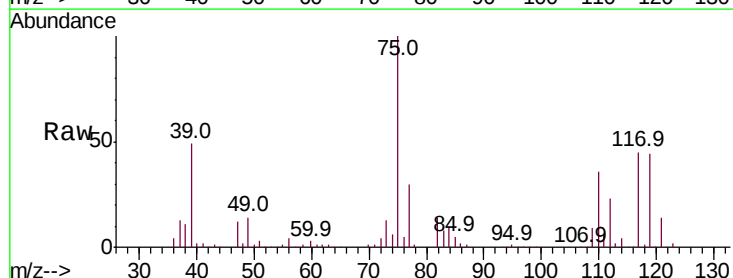
RT: 7.79 min Scan# 1872

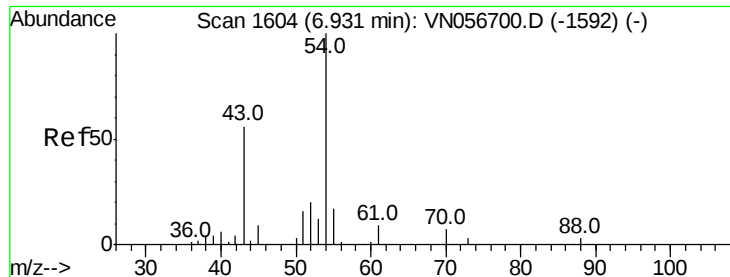
Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion:	75	Resp:	709121
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.4	55.4
77	30.9	24.6	36.8





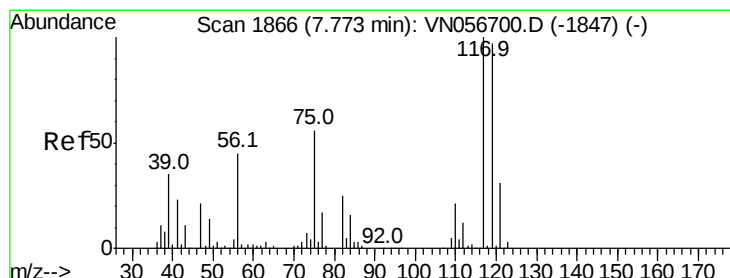
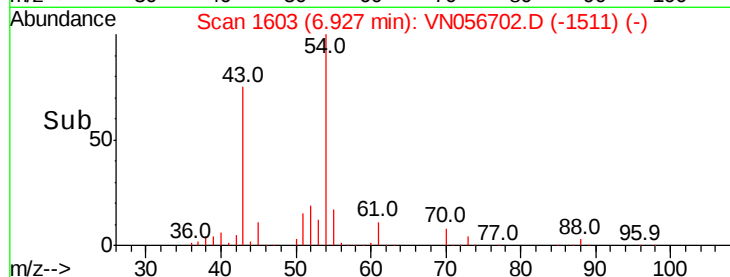
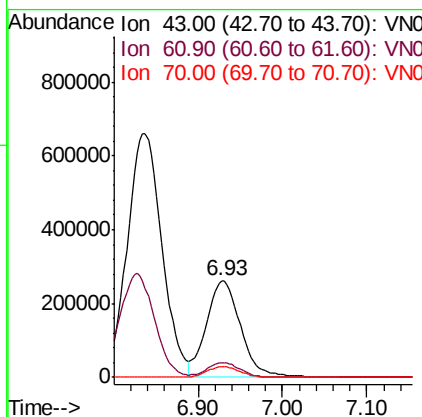
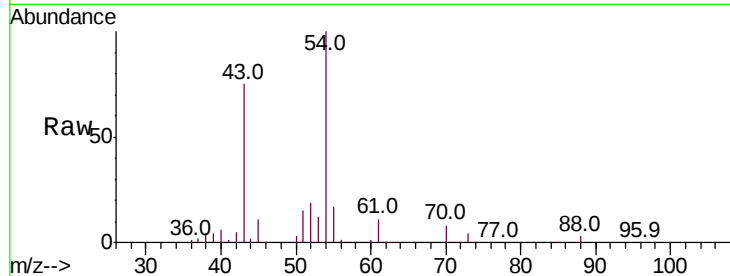
#37
Ethyl Acetate
Concen: 162.044 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	10.7	8.5	12.7

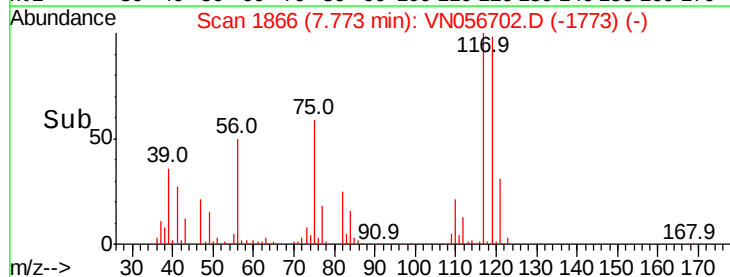
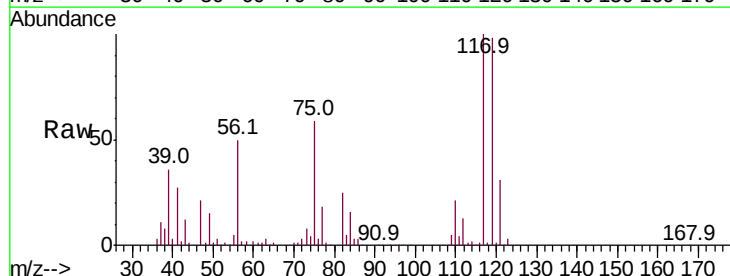
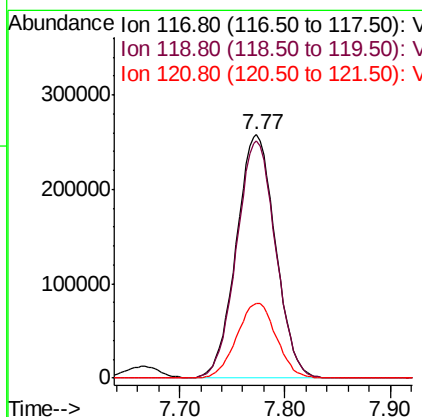
Manual Integrations
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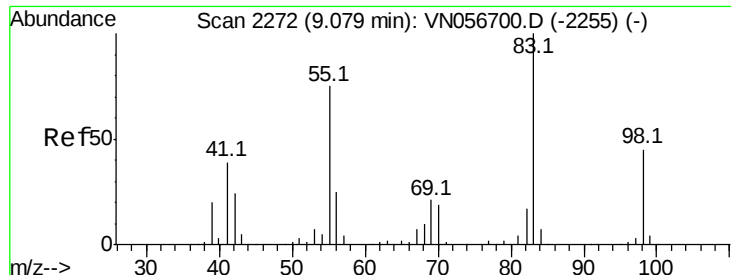
MMDadoda
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#38
Carbon Tetrachloride
Concen: 162.809 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.5	116.3
121	30.9	24.7	37.1





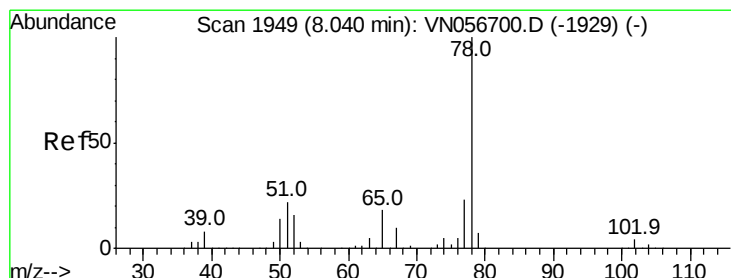
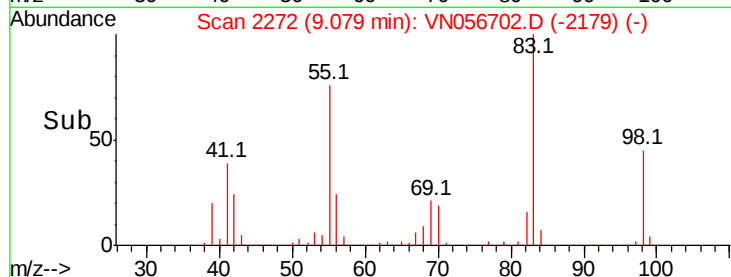
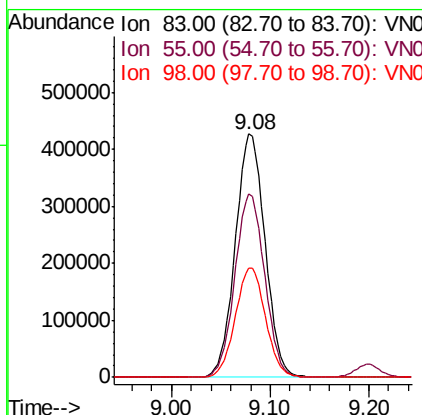
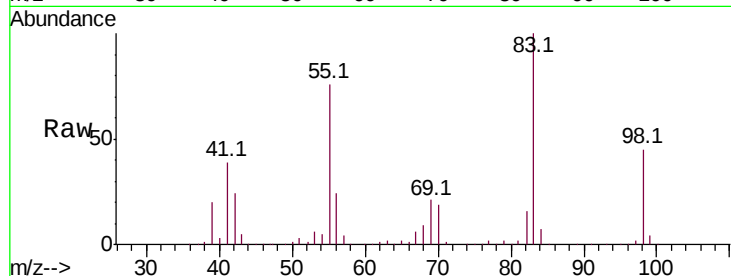
#39
Methvlcvclohexane
Concen: 157.076 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.4	90.6
98	45.1	35.8	53.8

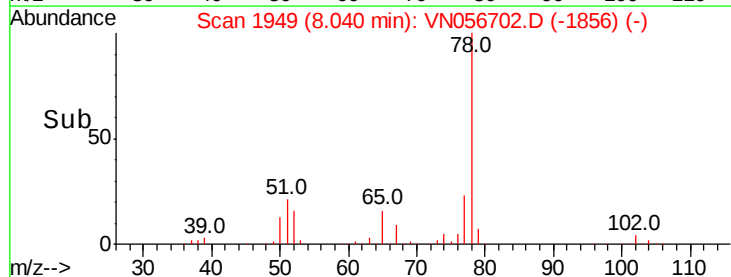
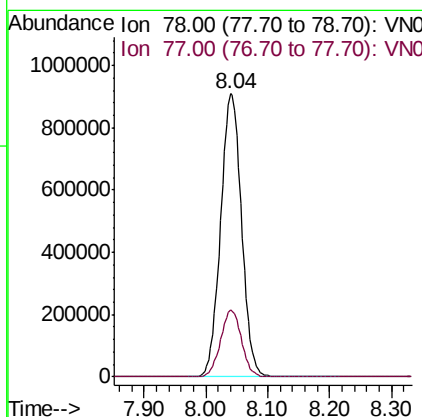
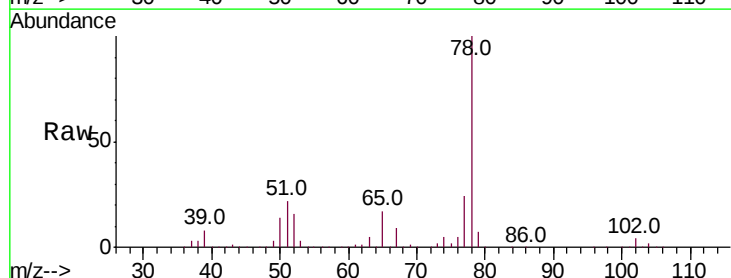
Manual Integrations
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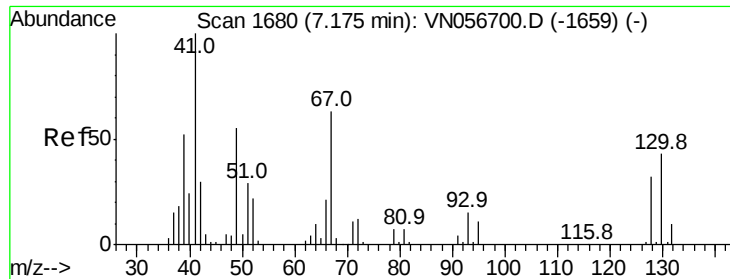
MMDadoda
7/17/2019 1:31:23 AM



#40
Benzene
Concen: 150.669 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





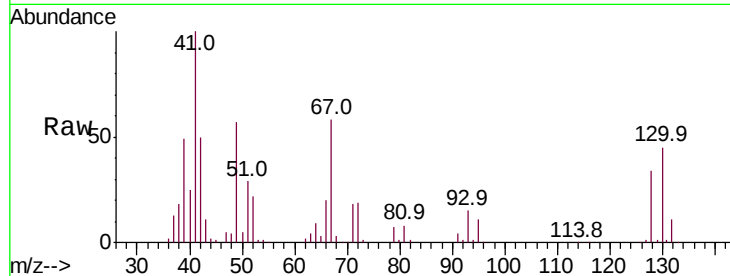
#41
Methacrylonitrile
Concen: 162.572 ug/l m
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

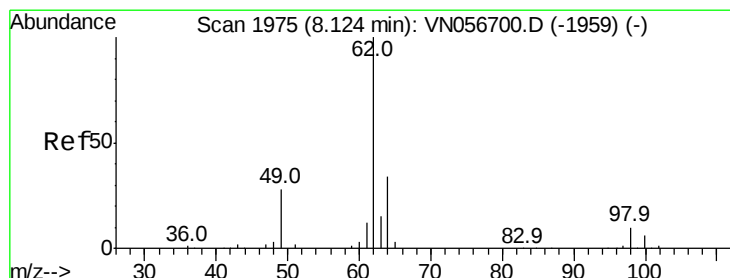
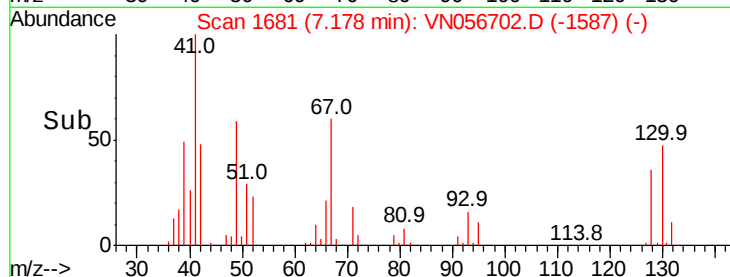
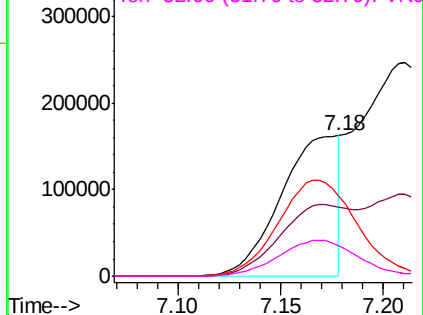
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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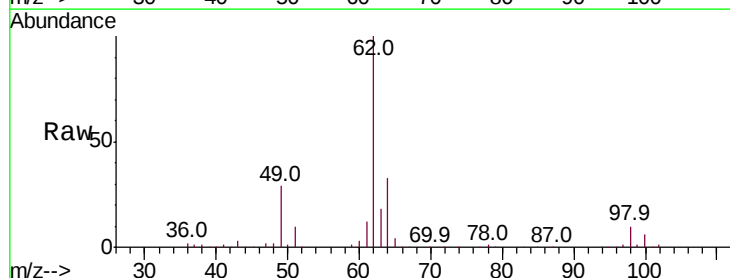


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

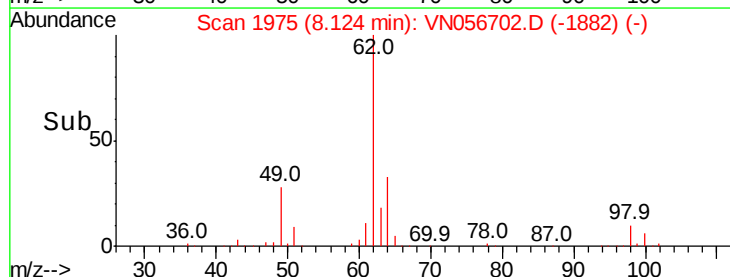
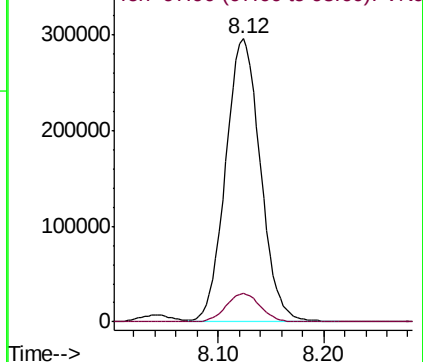


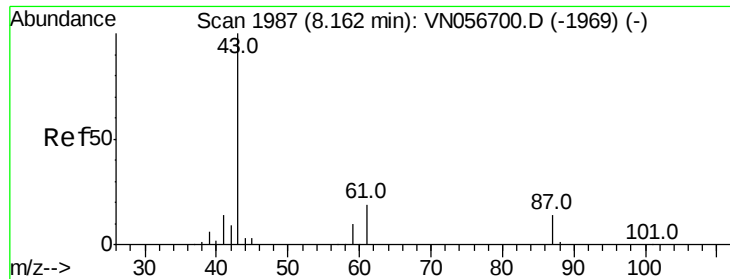
#42
1,2-Dichloroethane
Concen: 145.426 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 168.234 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1177225

Ion Ratio Lower Upper

43 100

61 27.4 22.3 33.5

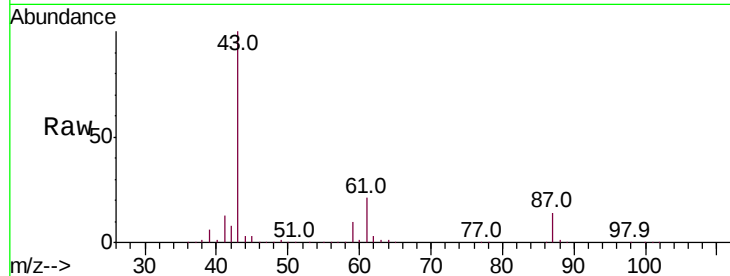
87 13.9 11.1 16.7

Manual Integrations

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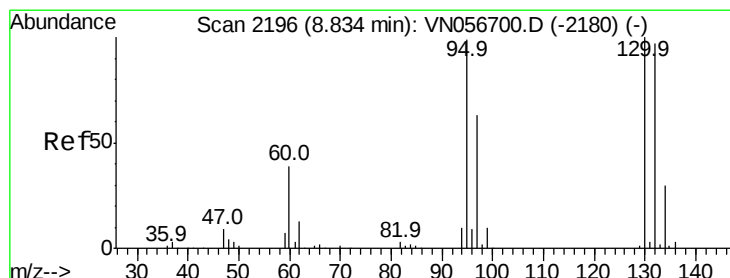
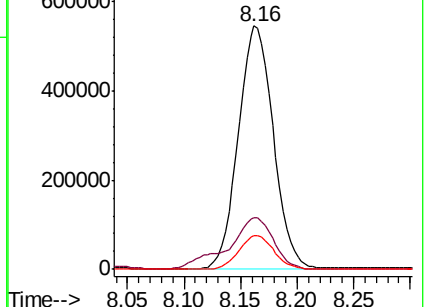
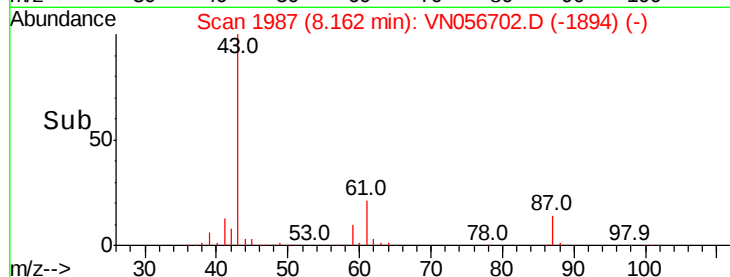
7/17/2019 1:31:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VN056702.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056702.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056702.D (-1969) (-)



#44

Trichloroethene

Concen: 152.779 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056702.D

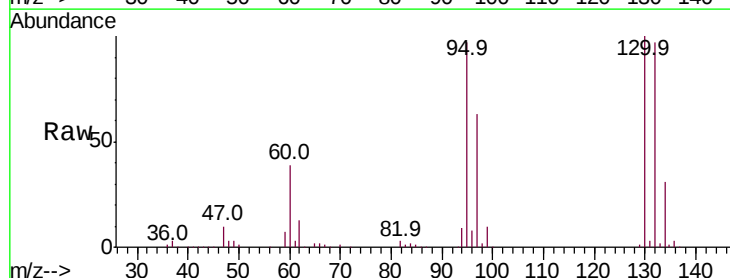
Acq: 15 Jul 2019 10:43

Tgt Ion:130 Resp: 579660

Ion Ratio Lower Upper

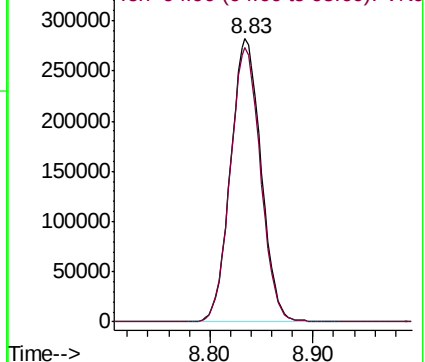
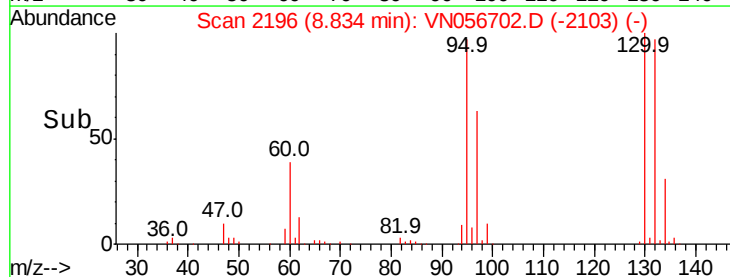
130 100

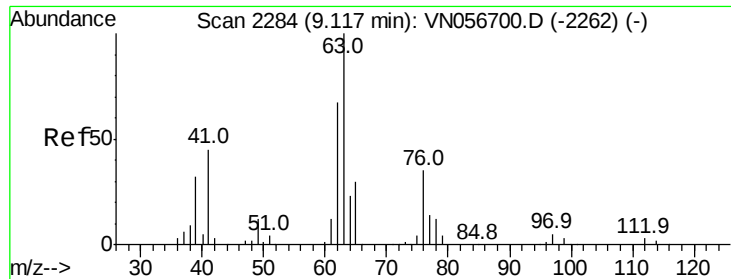
95 96.9 0.0 197.2



Abundance Ion 129.80 (129.50 to 130.50): VN056702.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056702.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 152.865 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 577706

Ion Ratio Lower Upper

63 100

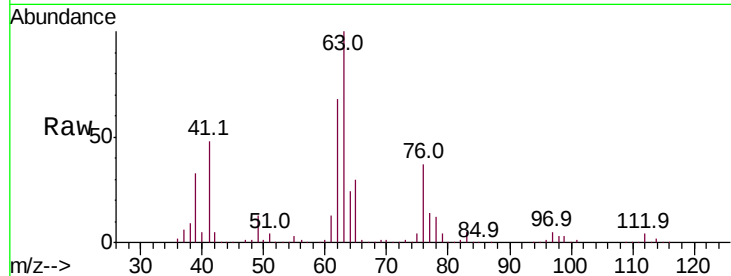
65 30.4 24.0 36.0

Manual Integrations

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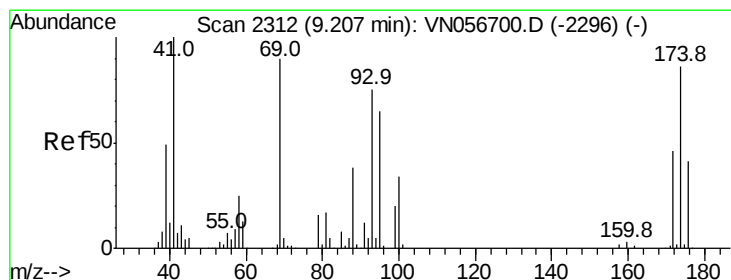
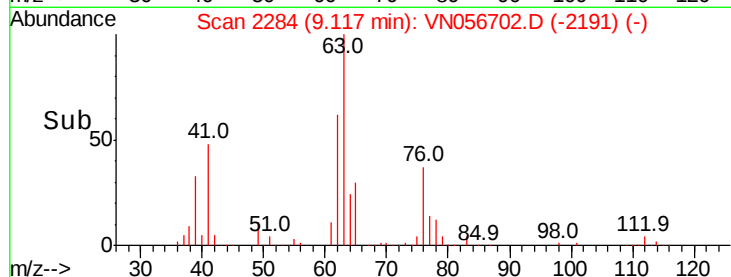
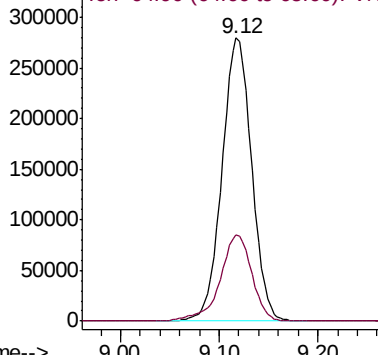
MMDadoda

7/17/2019 1:31:23 AM



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 154.034 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

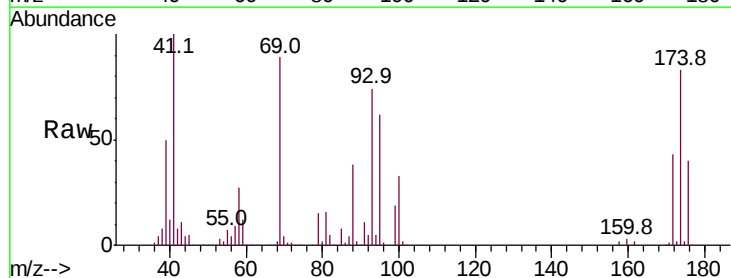
Tgt Ion: 93 Resp: 363805

Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.0

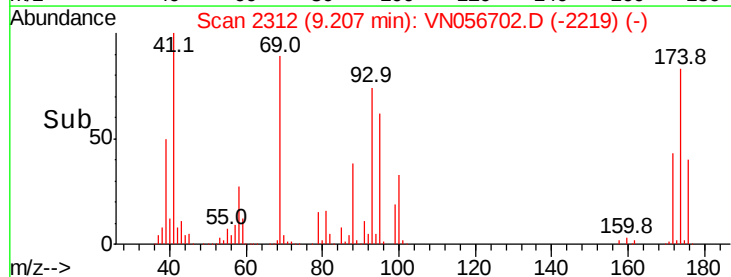
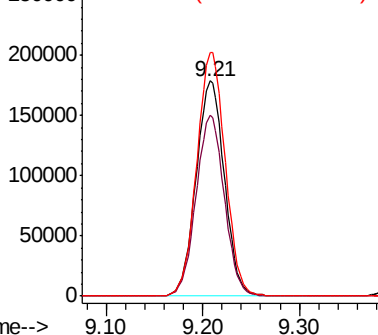
174 113.4 90.3 135.5

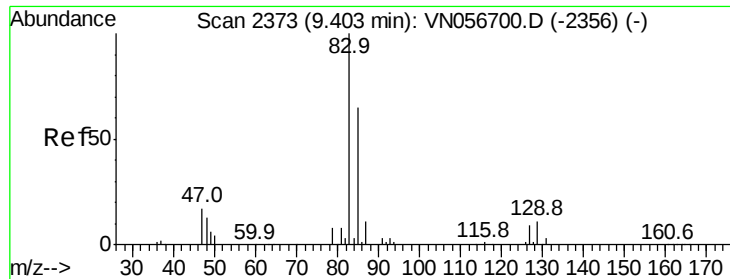


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





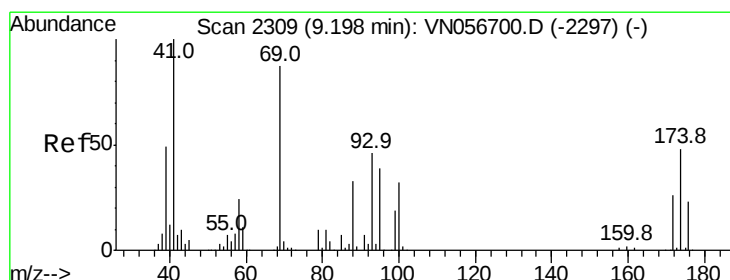
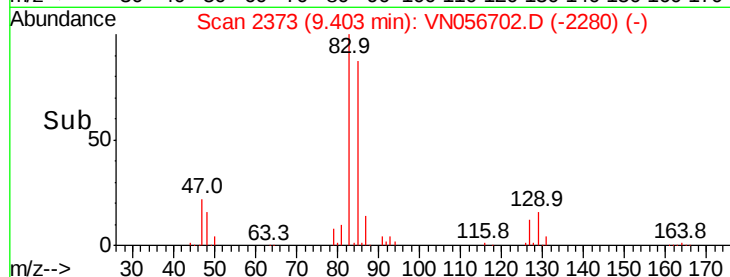
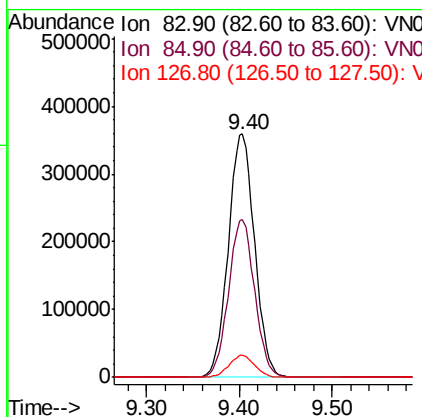
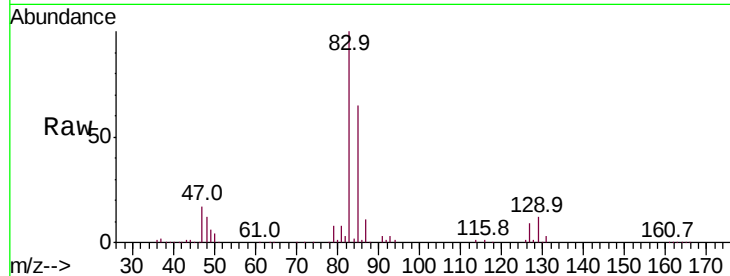
#47
Bromodichloromethane
Concen: 166.894 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	705292
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.3	78.5
127	9.1	7.6	11.4

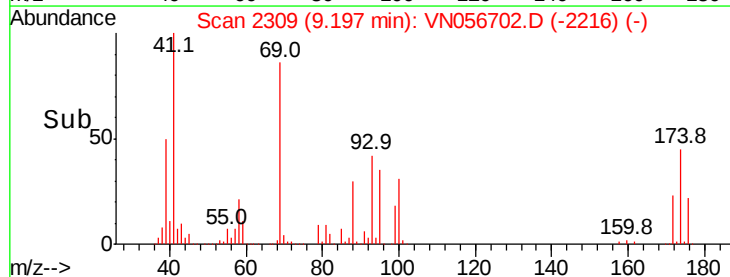
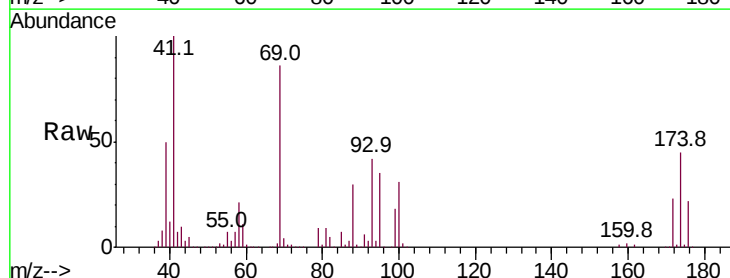
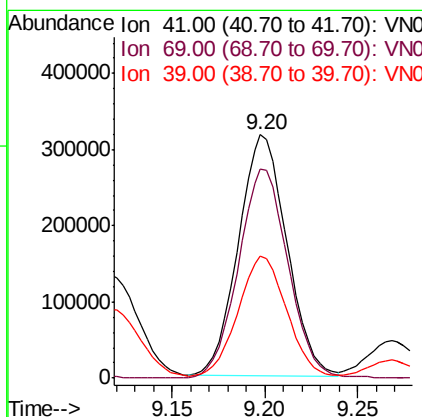
Manual Integrations
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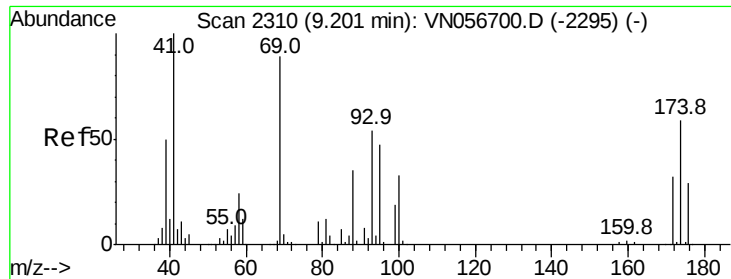
MMDadoda
7/17/2019 1:31:23 AM



#48
Methyl methacrylate
Concen: 163.416 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	41	Resp	574050
Ion	Ratio	Lower	Upper
41	100		
69	89.6	71.4	107.0
39	51.4	41.2	61.8





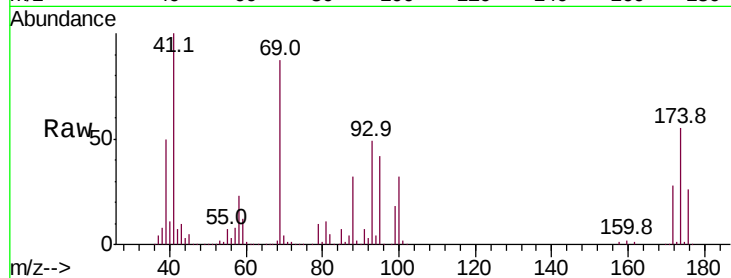
#49
 1,4-Dioxane
 Concen: 3224.553 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

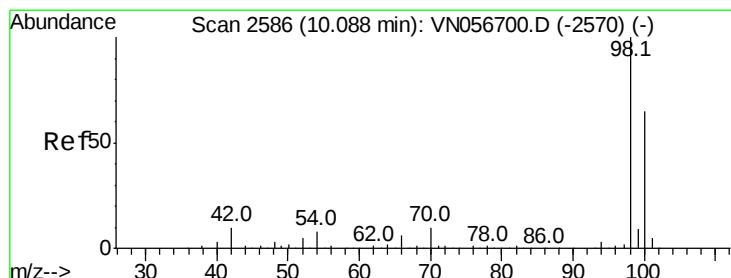
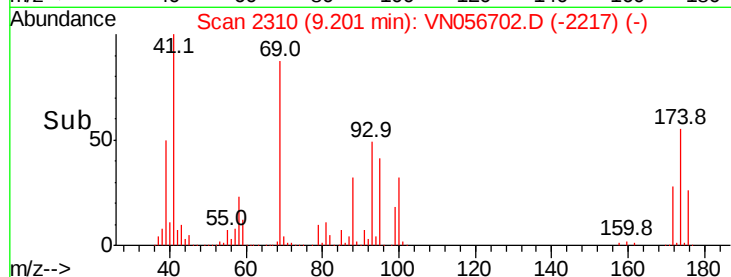
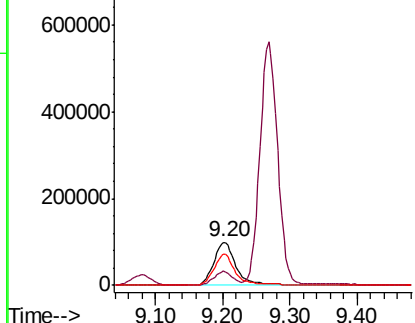
Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	23.7	35.5
58	71.2	55.6	83.4

Manual Integrations
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MMDadoda
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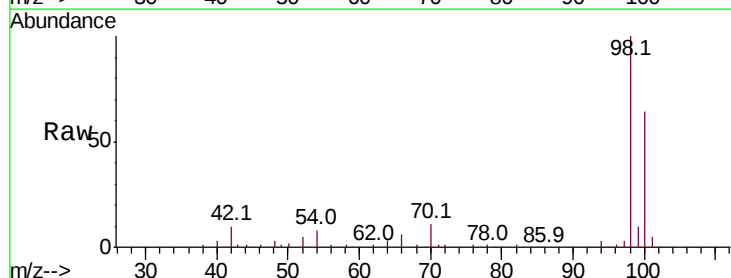


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

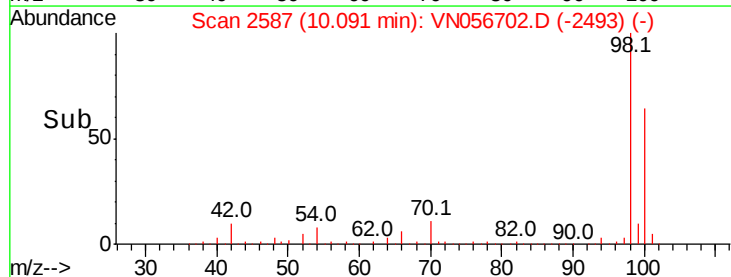
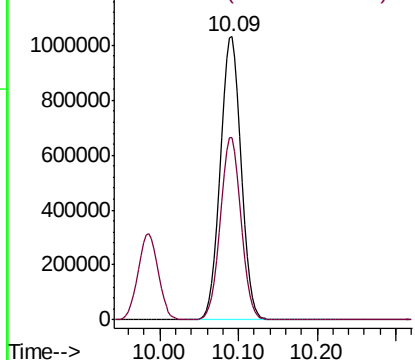


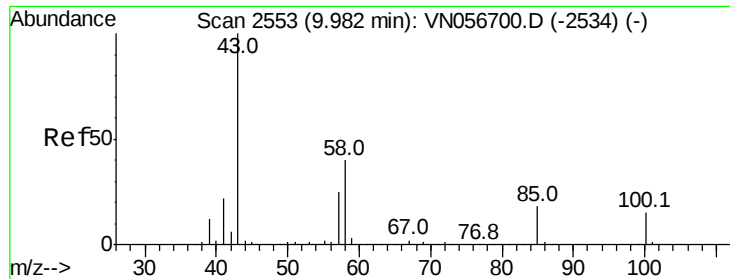
#50
 Toluene-d8
 Concen: 149.159 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 815.915 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3686726

Ion Ratio Lower Upper

43 100

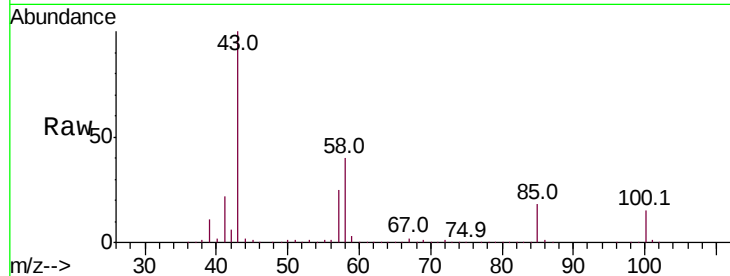
58 40.3 32.0 48.0

Manual Integrations

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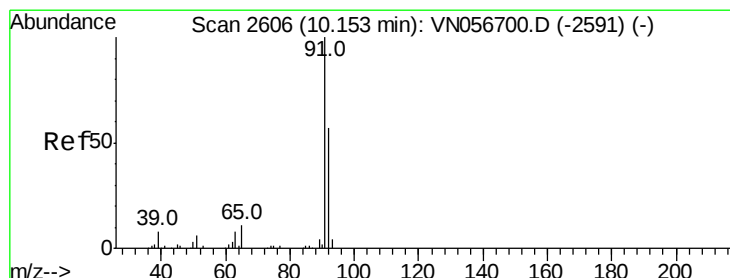
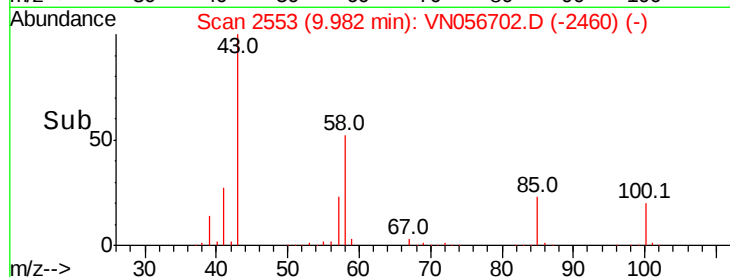
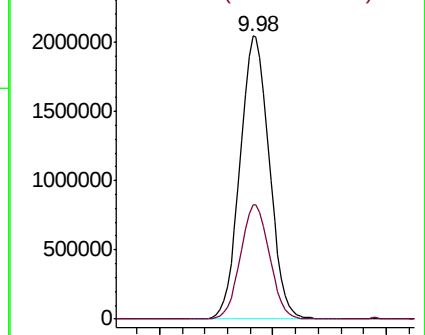
MMDadoda

7/17/2019 1:31:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 153.737 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056702.D

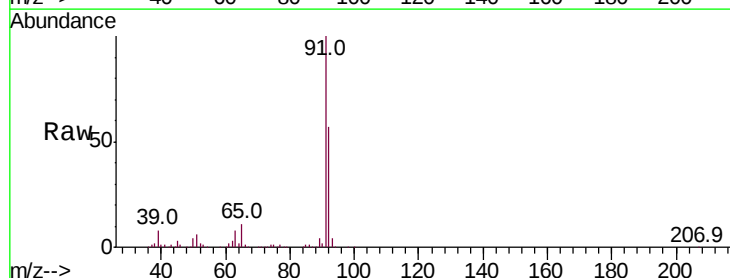
Acq: 15 Jul 2019 10:43

Tgt Ion: 92 Resp: 1327857

Ion Ratio Lower Upper

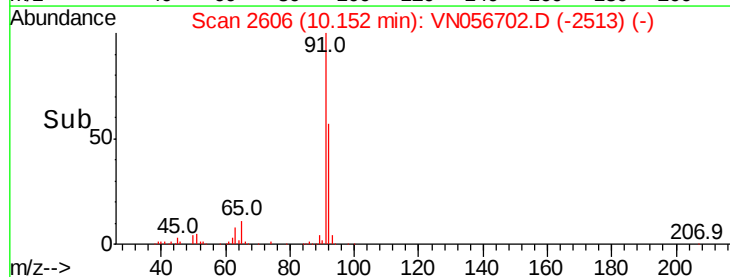
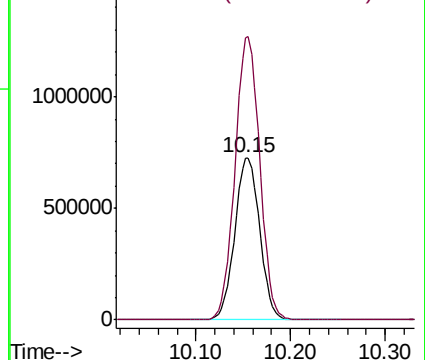
92 100

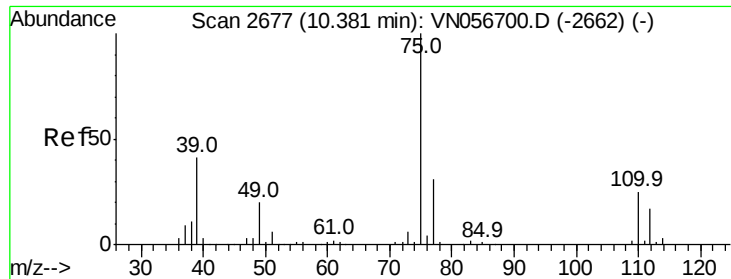
91 173.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





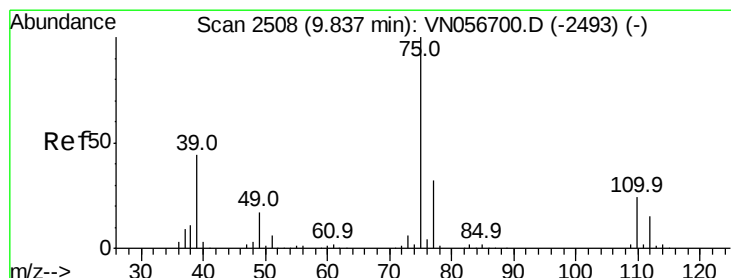
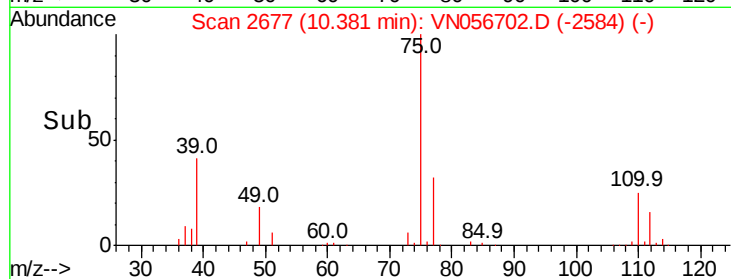
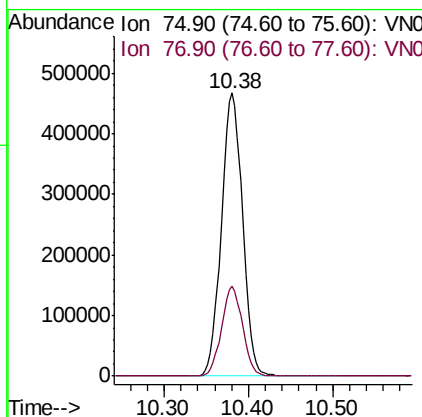
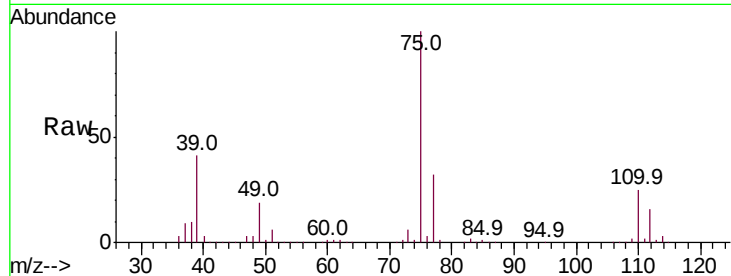
#53
t-1,3-Dichloropropene
Concen: 189.987 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 75 Resp: 812471
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

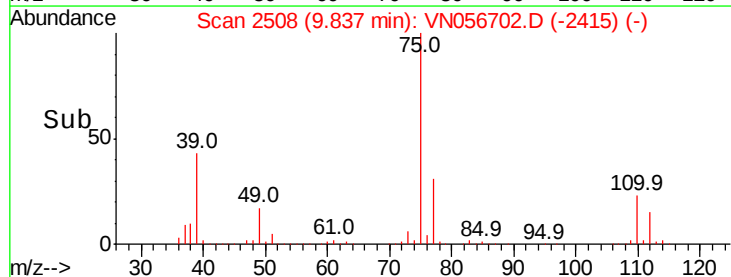
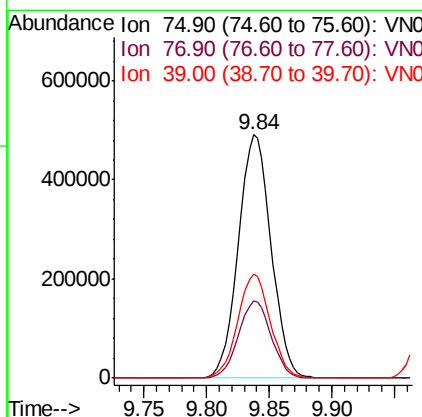
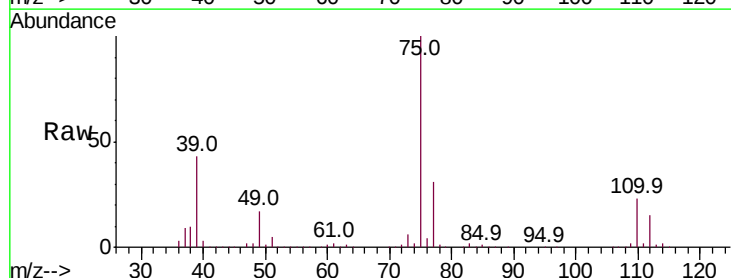
Manual Integrations
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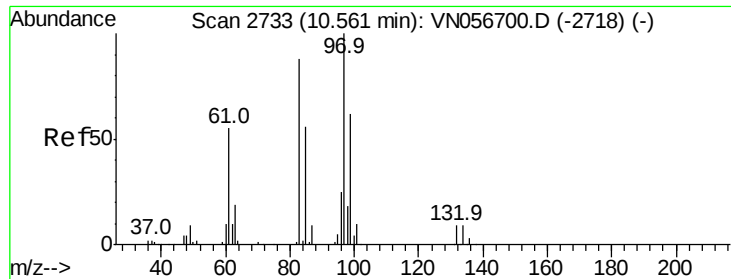
MMDadoda
7/17/2019 1:31:23 AM



#54
cis-1,3-Dichloropropene
Concen: 175.911 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion: 75 Resp: 892871
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
39 42.6 35.1 52.7





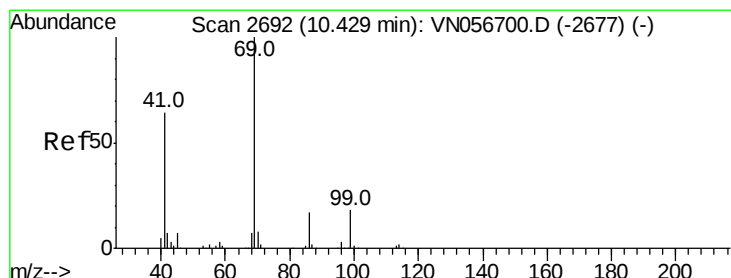
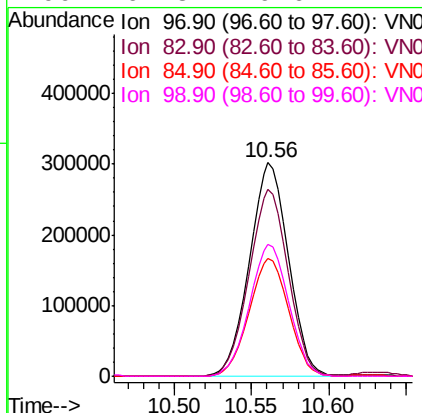
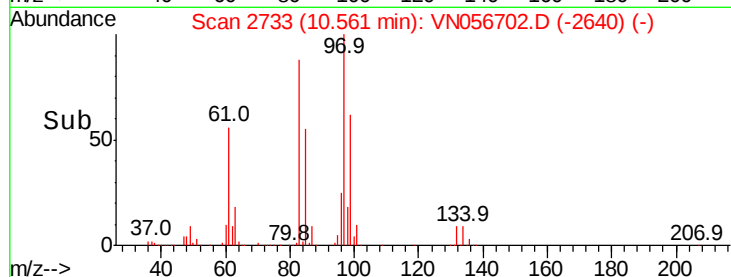
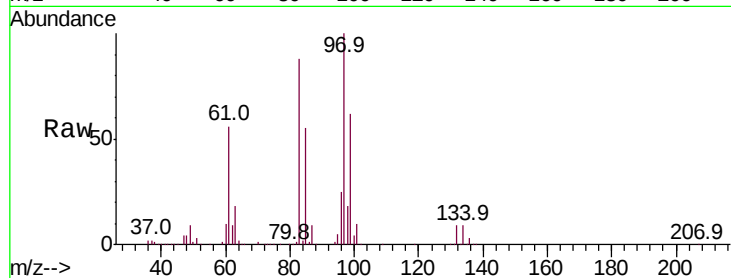
#55
 1,1,2-Trichloroethane
 Concen: 153.112 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		530815		
83	87.5	70.3	105.5		
85	55.3	44.8	67.2		
99	61.8	49.6	74.4		

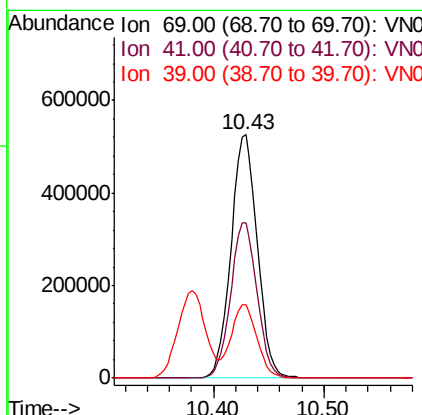
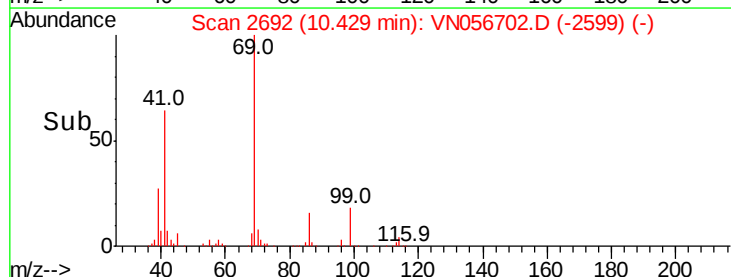
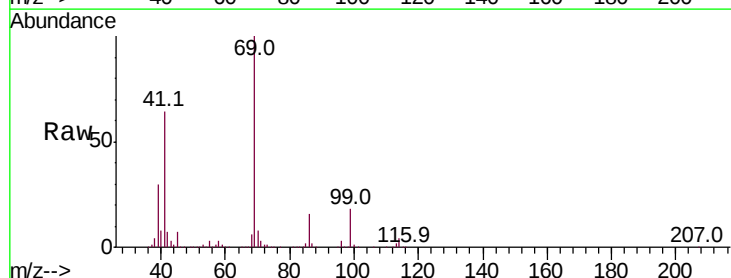
Manual Integrations
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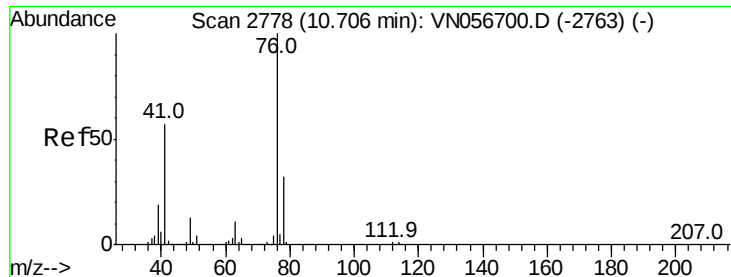
MMDadoda
 7/17/2019 1:31:23 AM



#56
 Ethyl methacrylate
 Concen: 170.420 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		869771		
41	64.0	51.0	76.4		
39	29.3	24.6	36.8		





#57

1,3-Dichloropropane

Concen: 154.145 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 896896

Ion Ratio Lower Upper

76 100

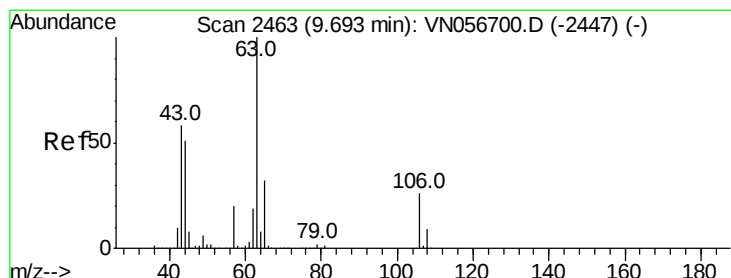
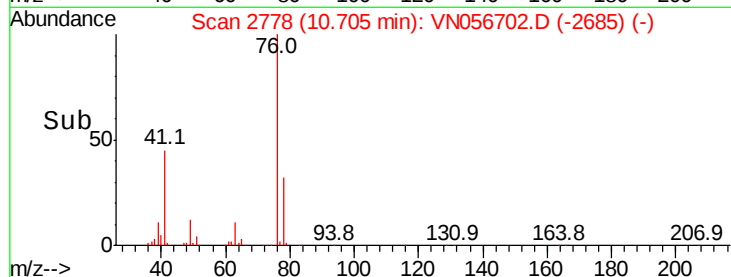
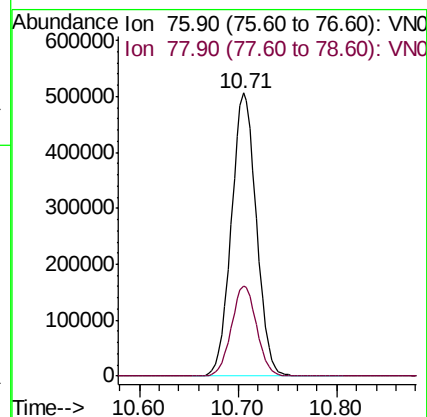
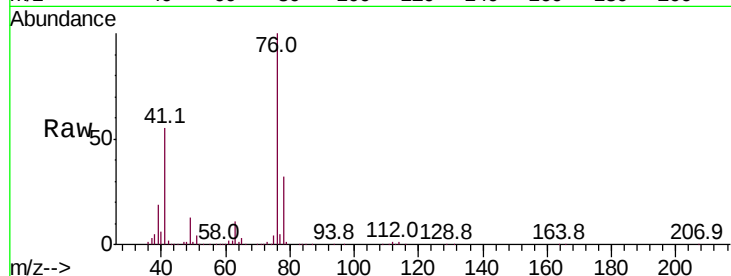
78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 1088.495 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056702.D

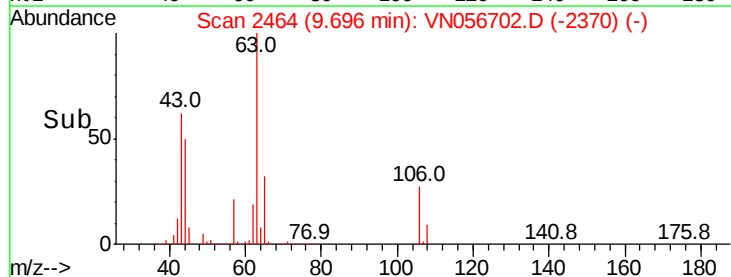
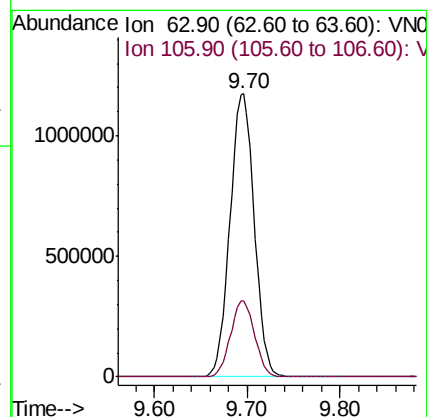
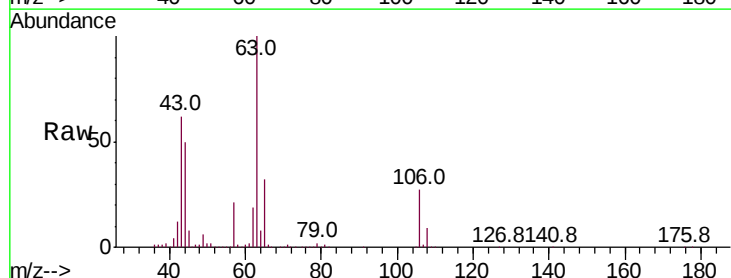
Acq: 15 Jul 2019 10:43

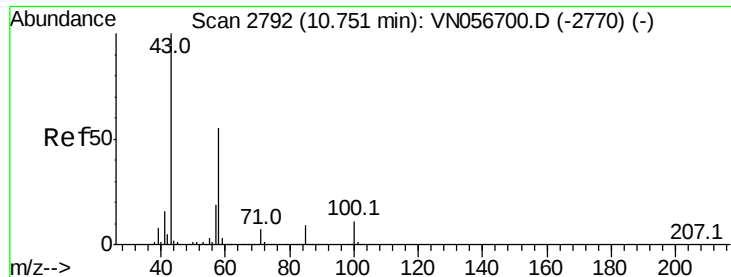
Tgt Ion: 63 Resp: 2127598

Ion Ratio Lower Upper

63 100

106 26.8 21.2 31.8





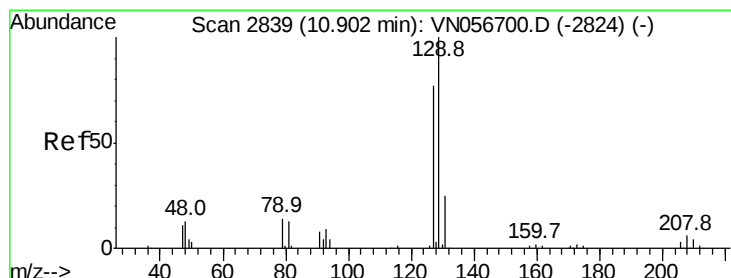
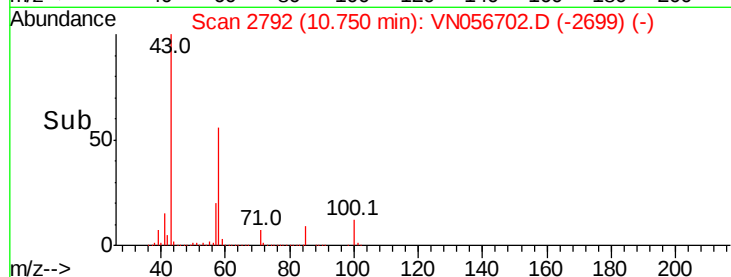
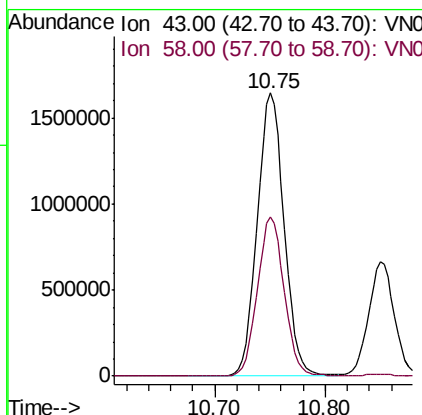
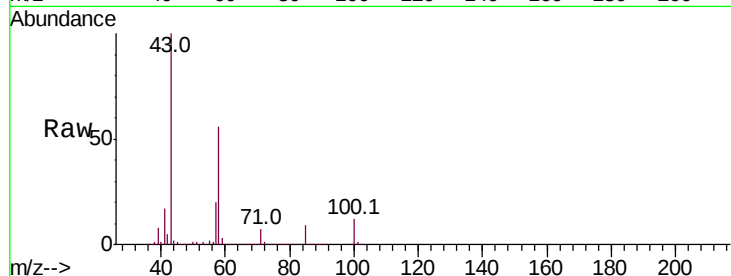
#59
2-Hexanone
Concen: 833.868 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2778504
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.6

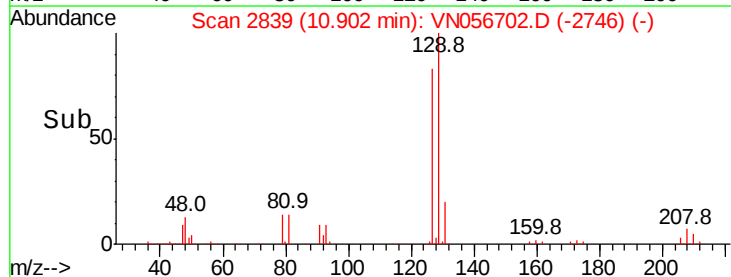
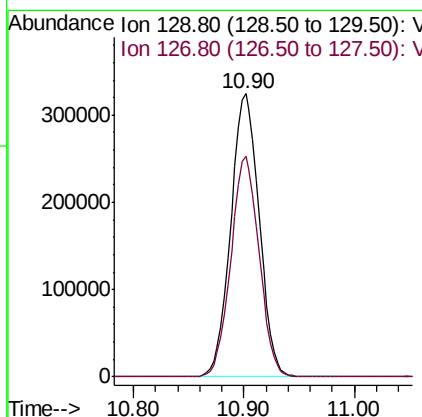
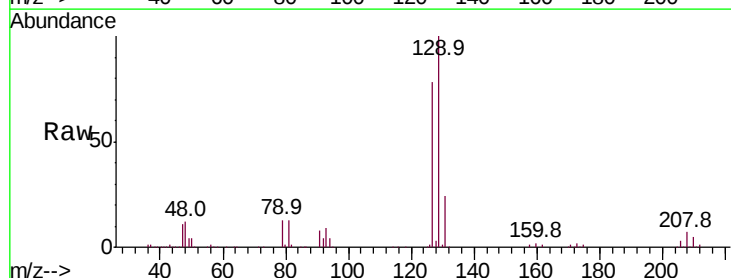
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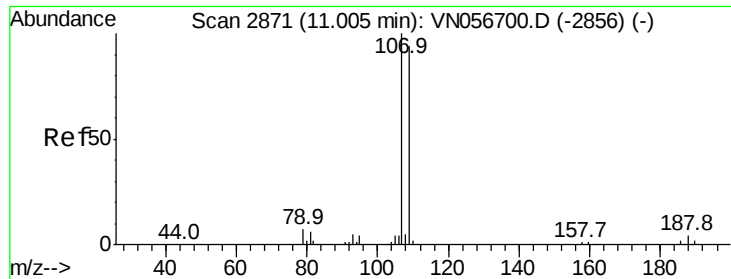
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#60
Dibromochloromethane
Concen: 181.578 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion:129 Resp: 579510
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 160.889 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 569631

Ion Ratio Lower Upper

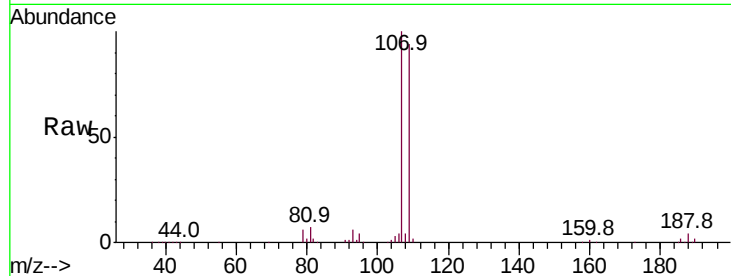
107 100

109 94.7 76.2 114.4

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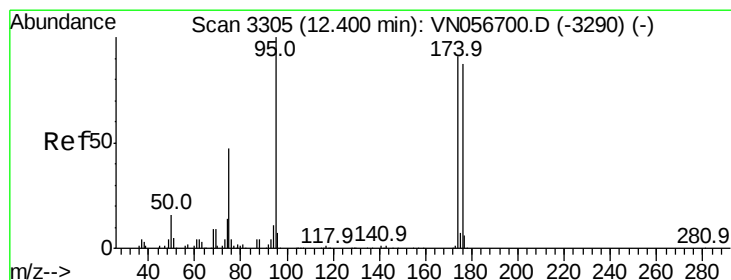
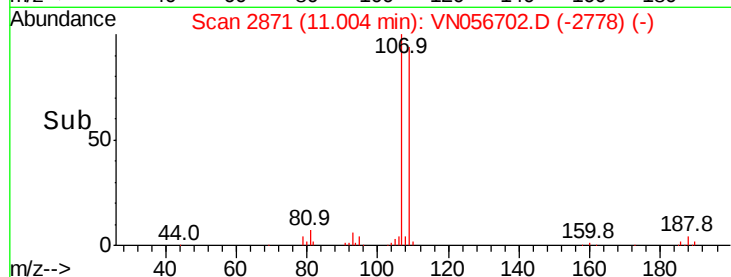
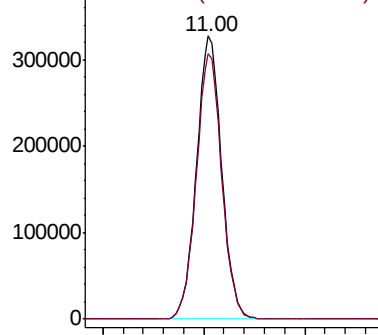
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 160.270 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

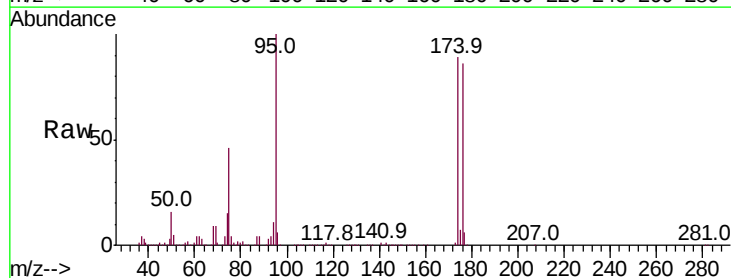
Tgt Ion: 95 Resp: 671148

Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.0

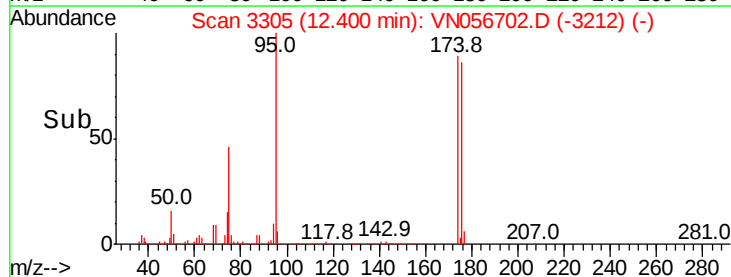
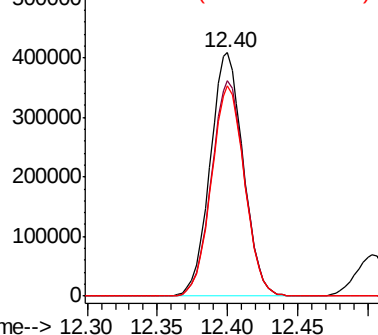
176 86.7 0.0 173.2

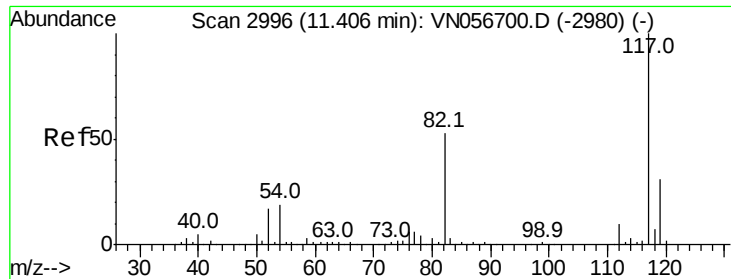


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





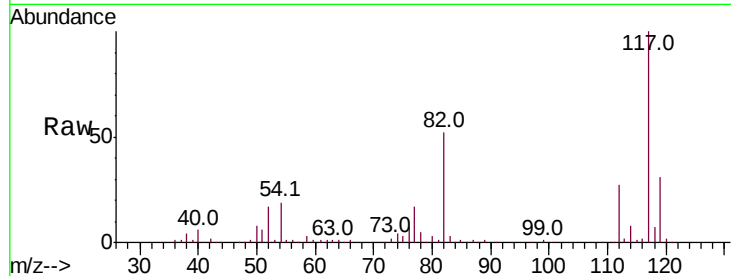
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.2
119	31.5	25.2	37.8

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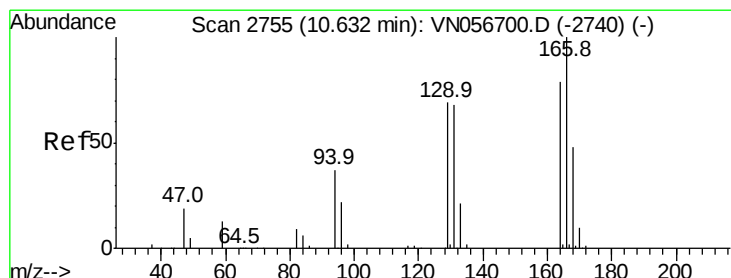
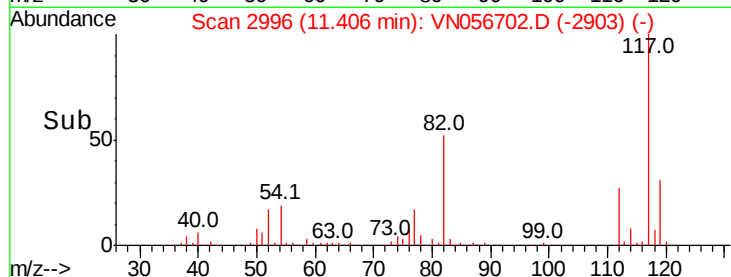
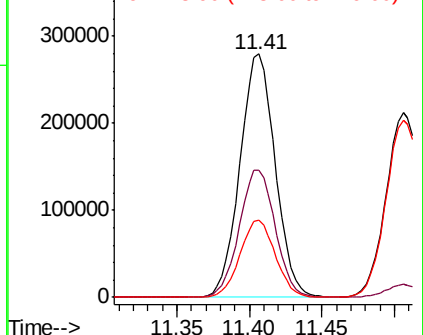


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 142.775 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.4	152.2
129	91.4	69.6	104.4
131	87.4	69.0	103.4

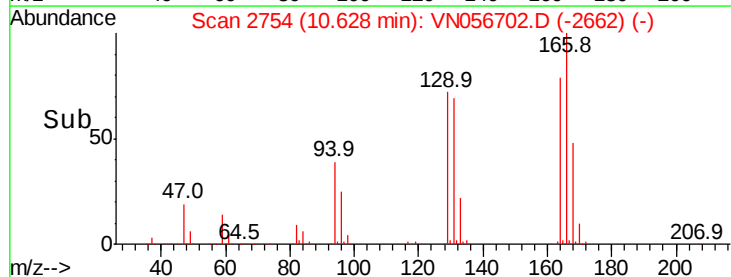
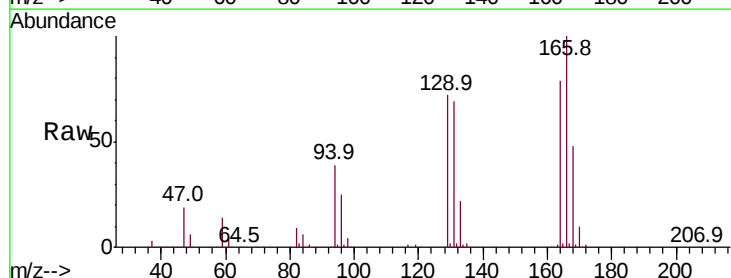
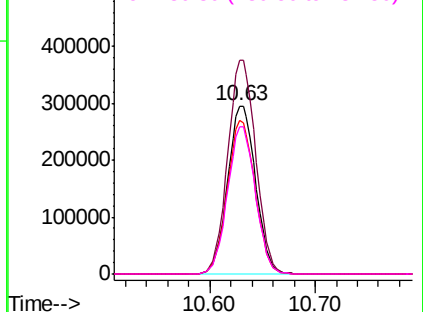
Abundance

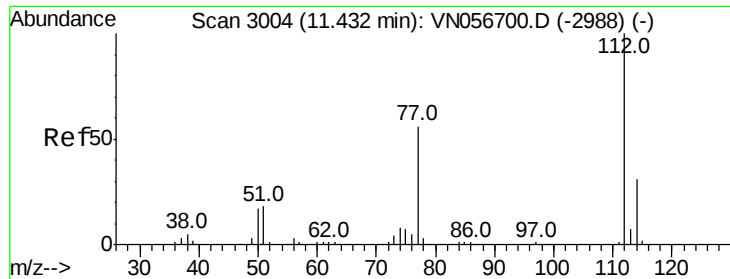
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





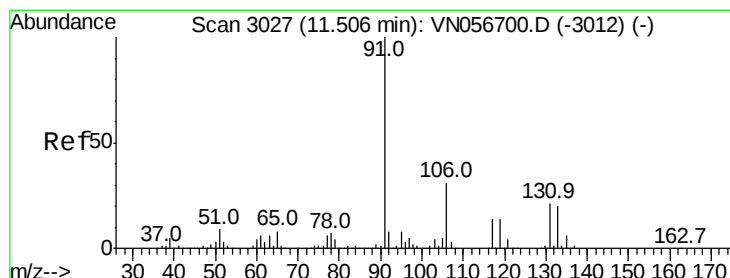
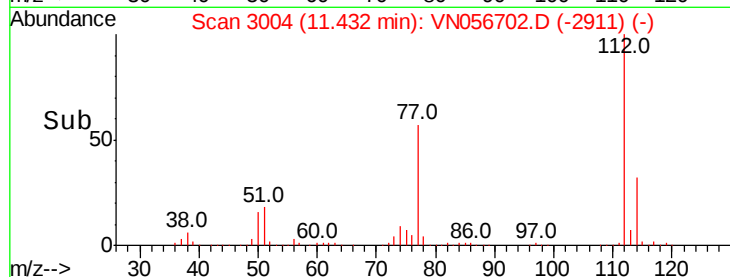
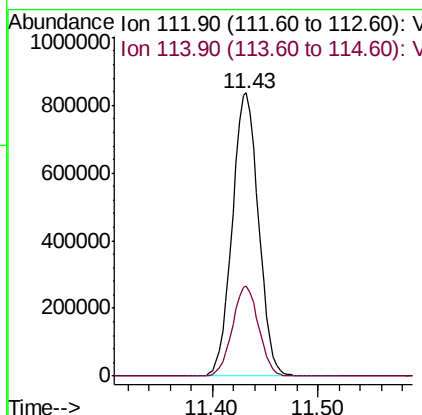
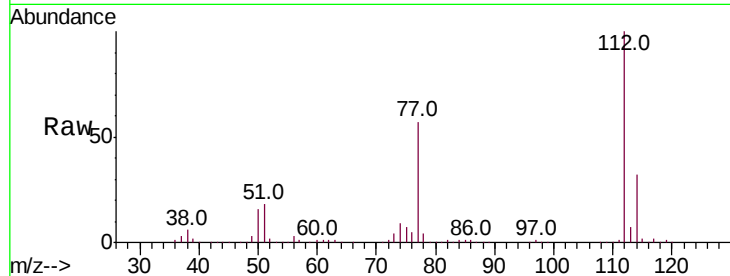
#65
Chlorobenzene
Concen: 151.149 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1439686
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8

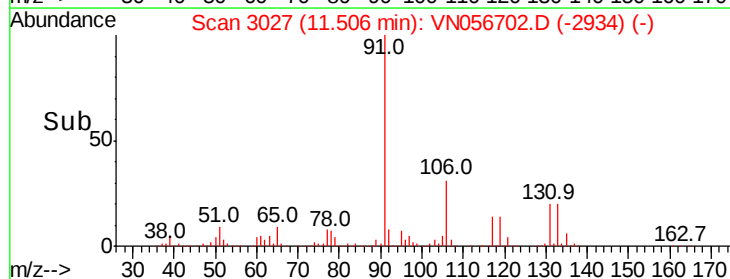
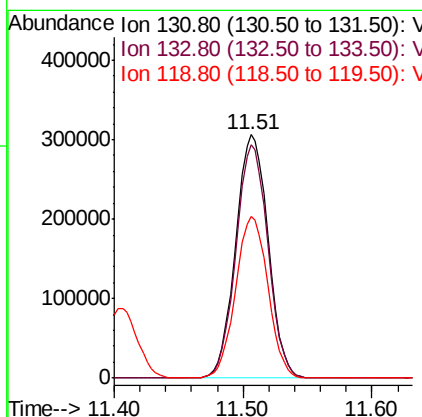
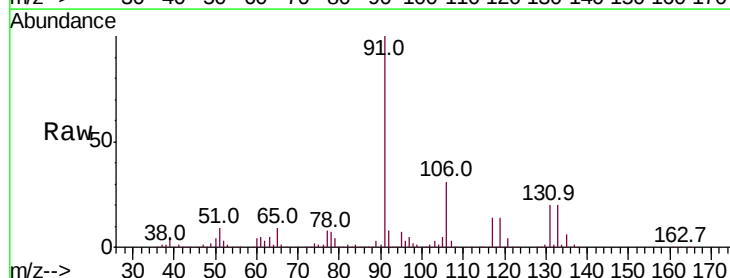
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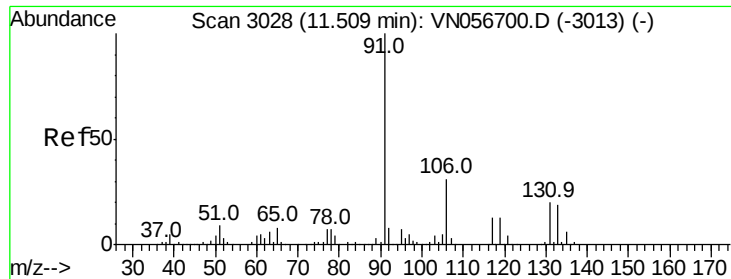
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#66
1,1,1,2-Tetrachloroethane
Concen: 164.802 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion:131 Resp: 536032
Ion Ratio Lower Upper
131 100
133 94.7 46.9 140.7
119 66.1 32.8 98.3





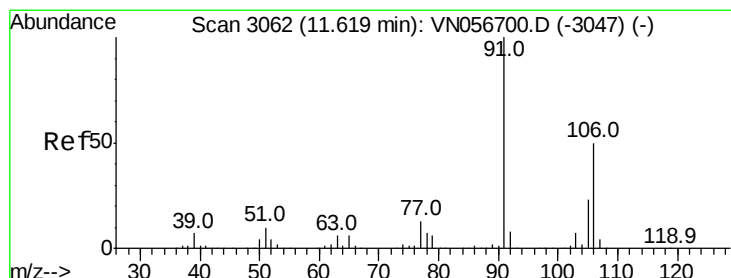
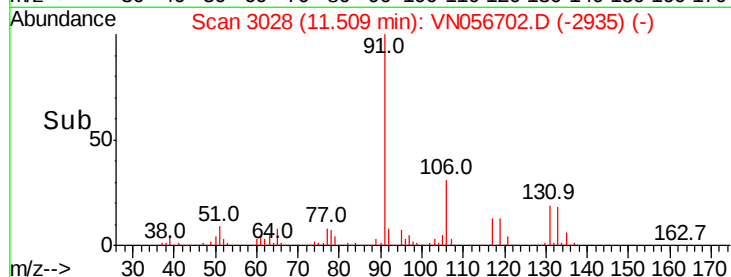
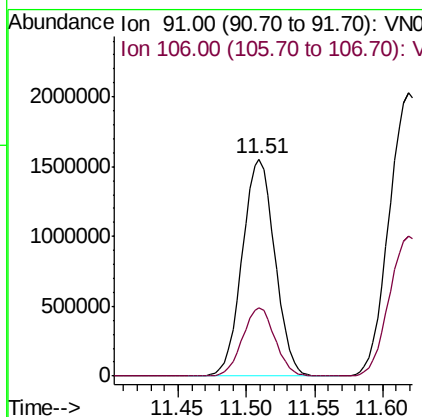
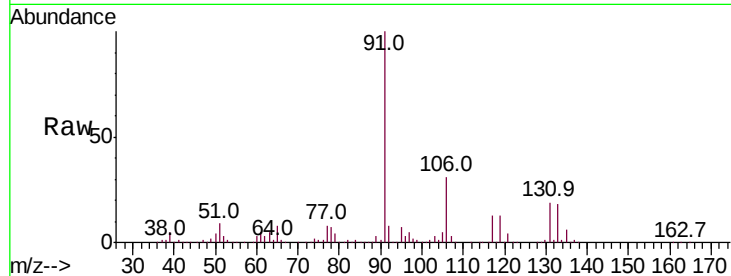
#67
Ethyl Benzene
Concen: 153.780 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2577788
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

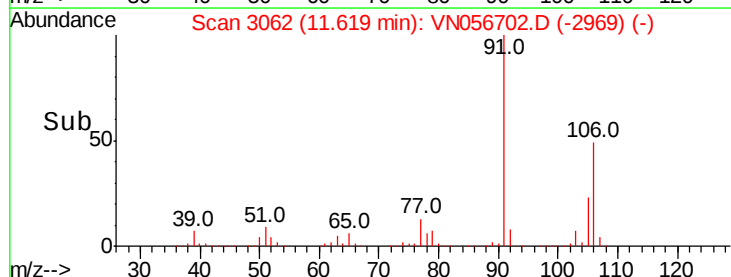
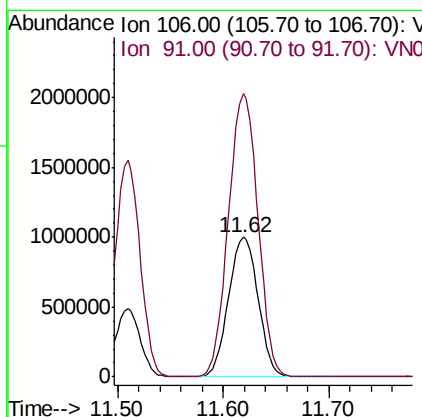
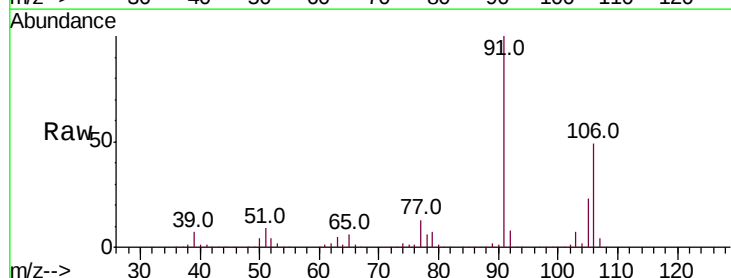
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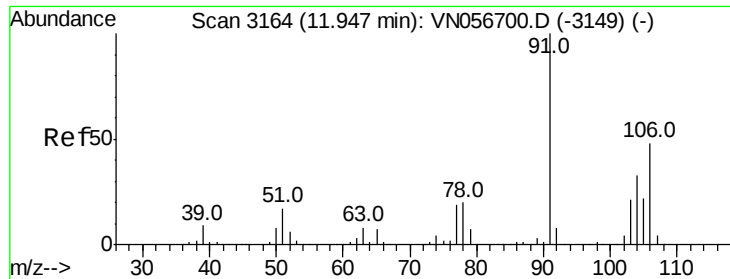
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#68
m/p-Xylenes
Concen: 315.702 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion:106 Resp: 1940757
Ion Ratio Lower Upper
106 100
91 202.3 160.5 240.7





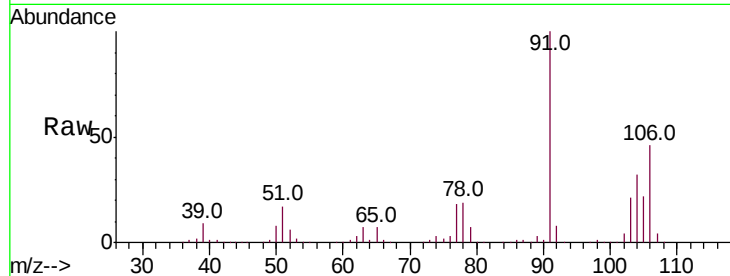
#69
o-Xylene
Concen: 152.947 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

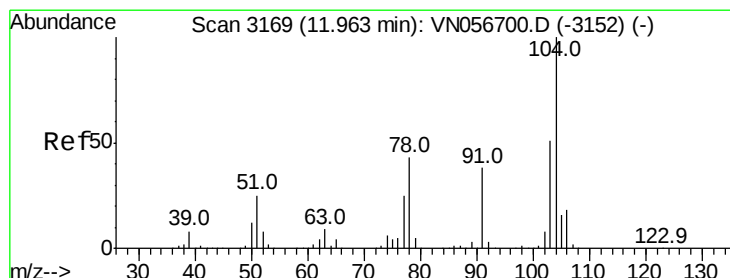
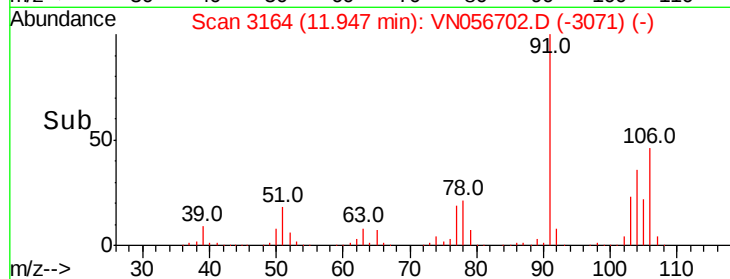
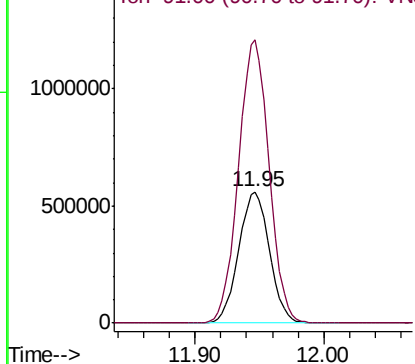
Tot Ion:106 Resp: 930010
Ion Ratio Lower Upper
106 100
91 214.0 105.6 316.8

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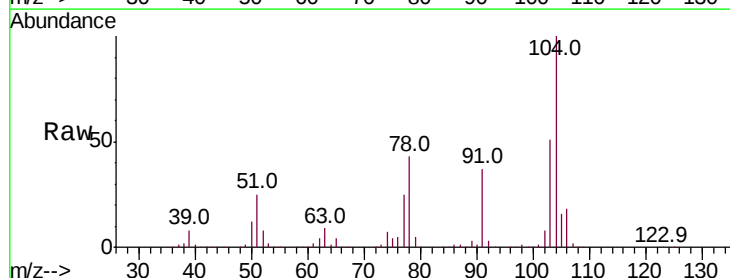


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

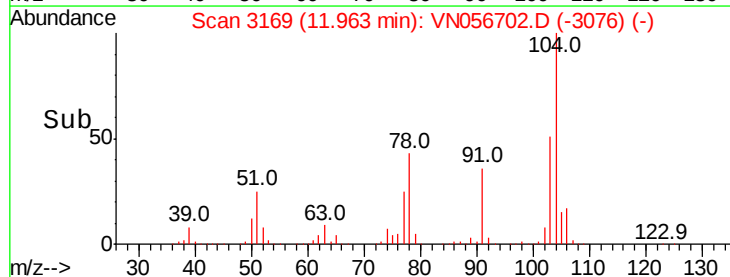
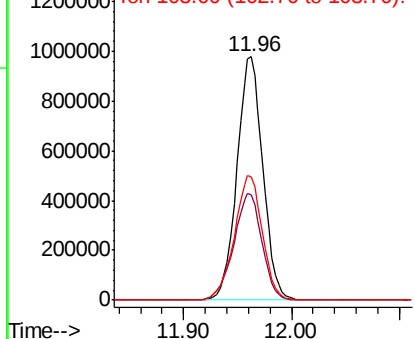


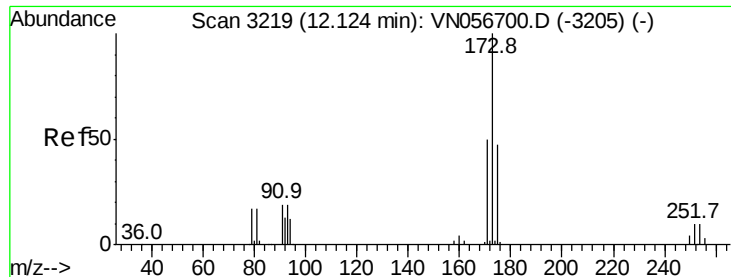
#70
Styrene
Concen: 167.634 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion:104 Resp: 1630711
Ion Ratio Lower Upper
104 100
78 47.8 38.6 57.8
103 55.1 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 197.516 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 455552

Ion Ratio Lower Upper

173 100

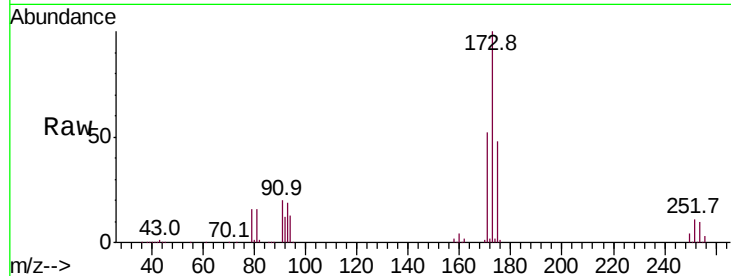
175 48.2 23.8 71.4

254 0.1 0.0 0.0#

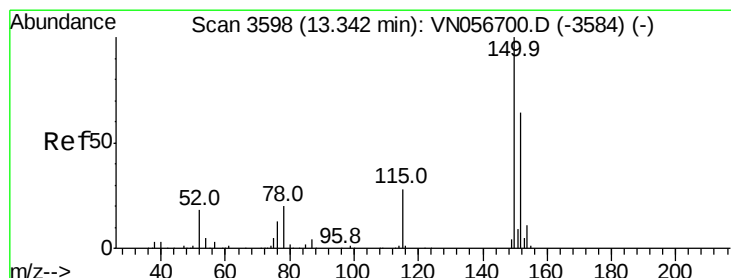
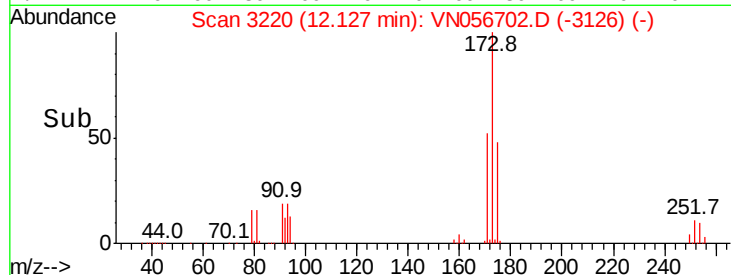
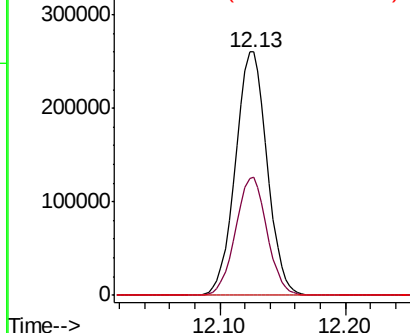
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

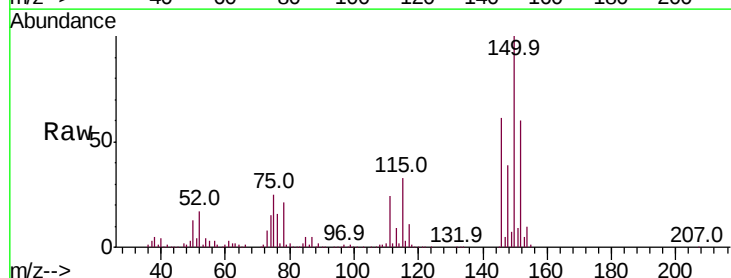
Tgt Ion:152 Resp: 231375

Ion Ratio Lower Upper

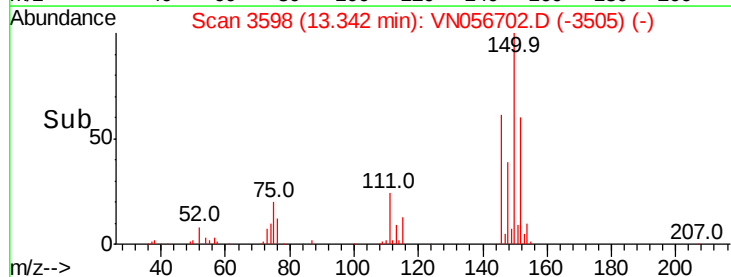
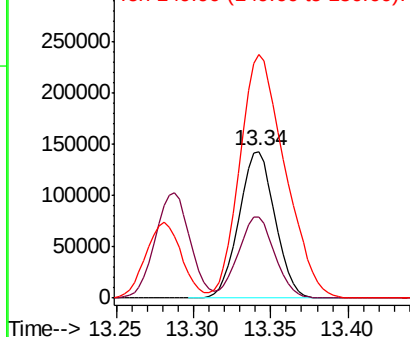
152 100

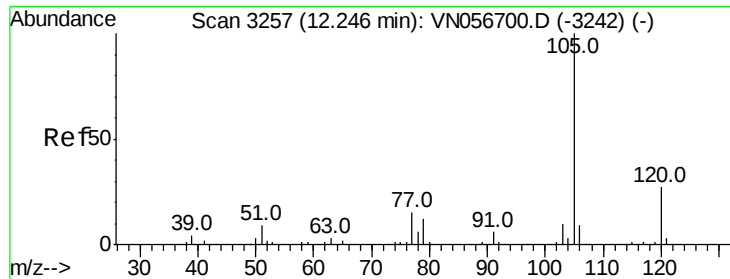
115 56.1 28.2 84.7

150 208.1 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 122.202 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2473921

Ion Ratio Lower Upper

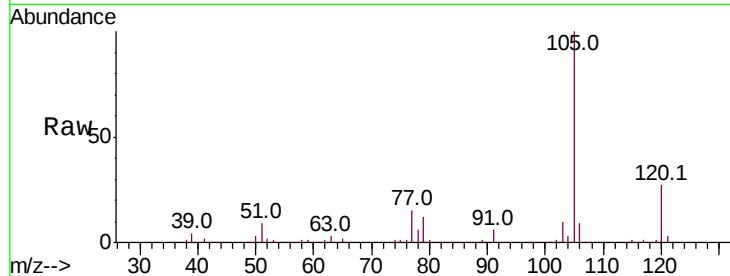
105 100

120 26.7 13.4 40.2

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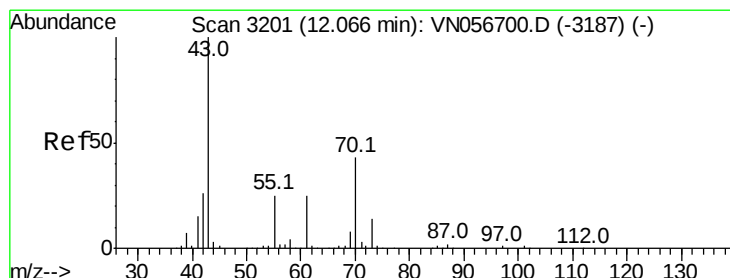
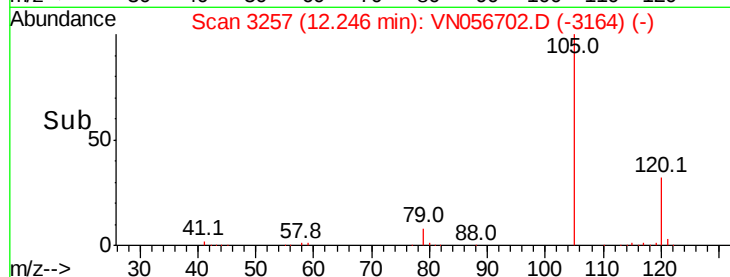
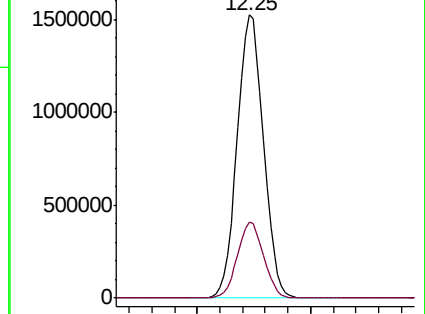
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 140.774 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion: 43 Resp: 1036159

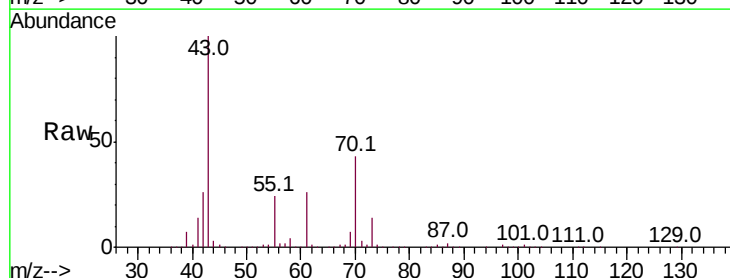
Ion Ratio Lower Upper

43 100

70 43.4 34.5 51.7

55 24.4 20.2 30.2

61 25.3 19.9 29.9

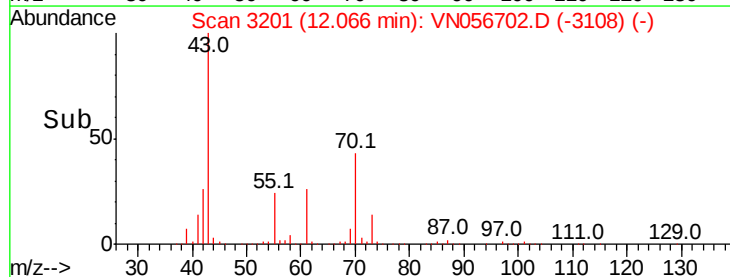
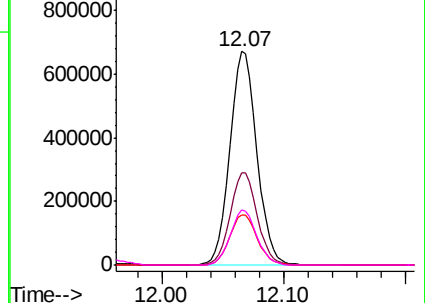


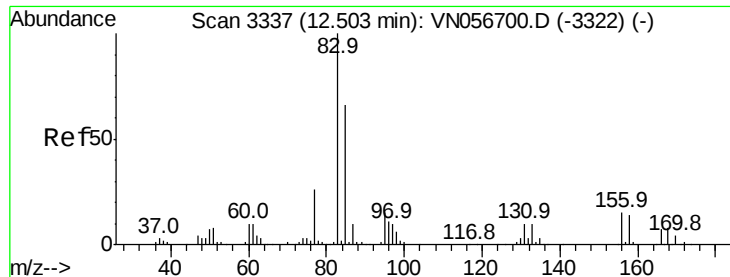
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 124.559 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 789883
Ion Ratio Lower Upper

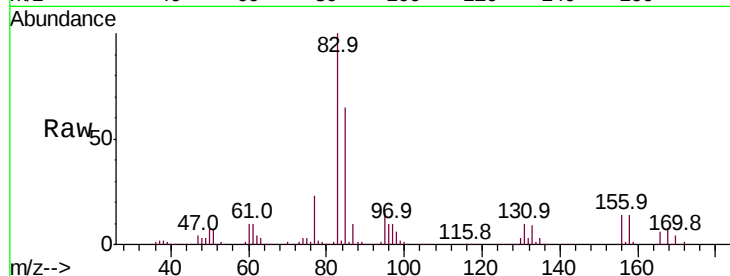
83 100

131 10.2 5.3 15.8

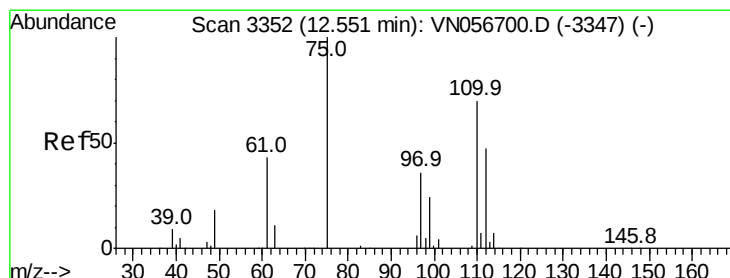
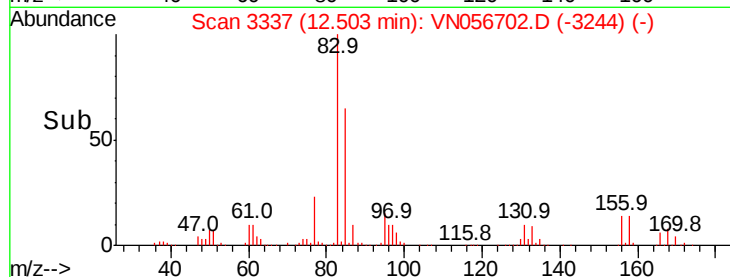
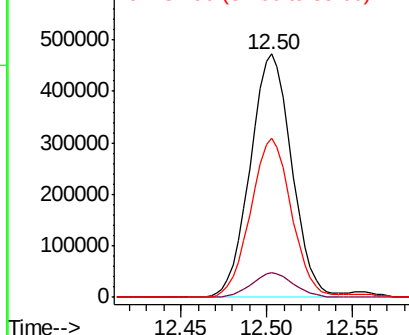
85 64.3 32.6 97.8

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 131.574 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

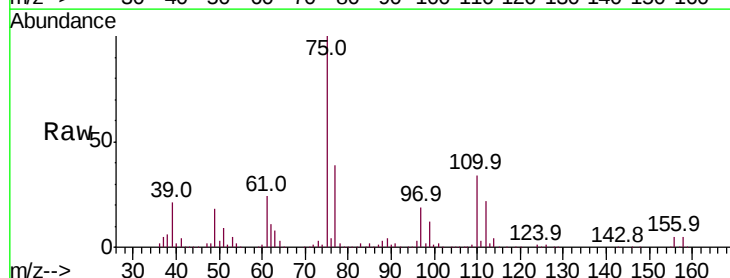
Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

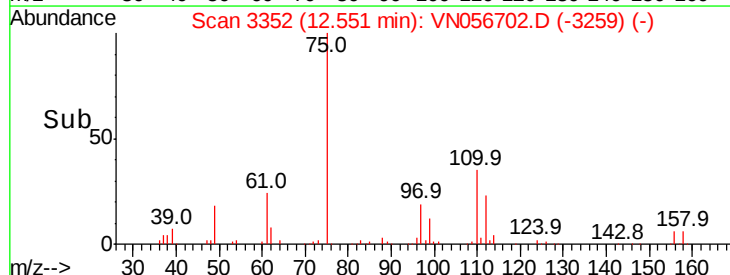
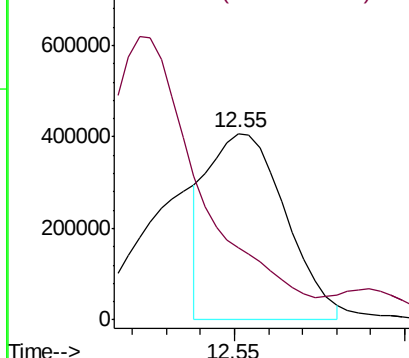
Tgt Ion: 75 Resp: 639695
Ion Ratio Lower Upper

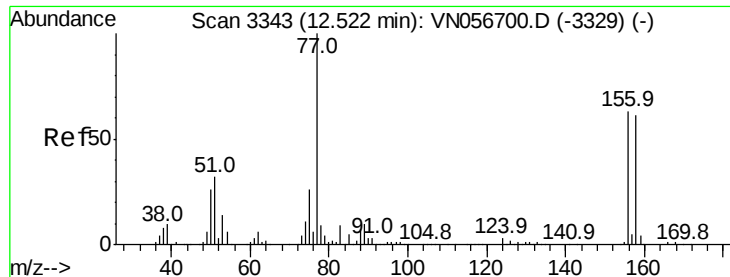
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 129.006 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

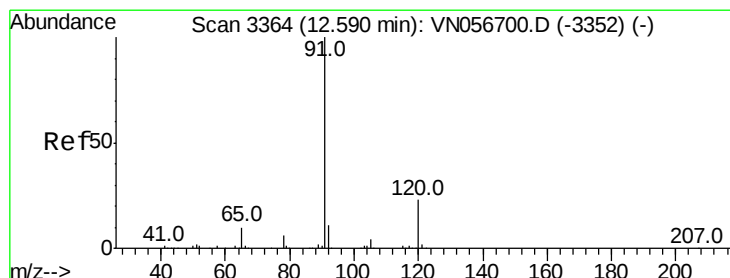
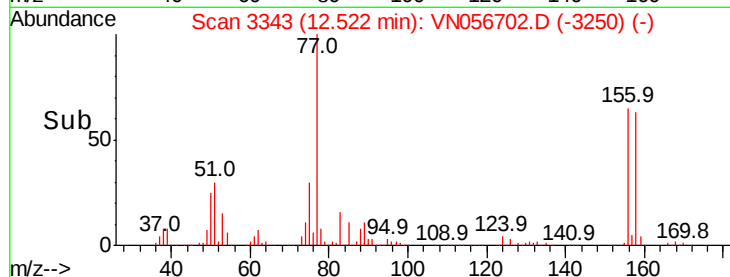
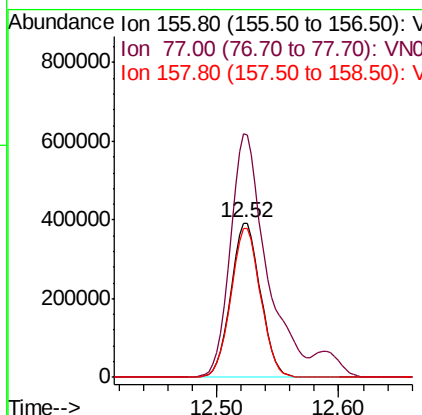
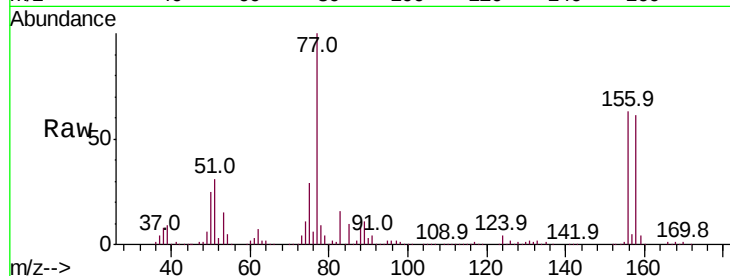
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	662866
Ion	Ratio	Lower	Upper
156	100		
77	191.2	97.2	291.6
158	97.0	48.9	146.8

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#78

n-propylbenzene

Concen: 135.159 ug/l

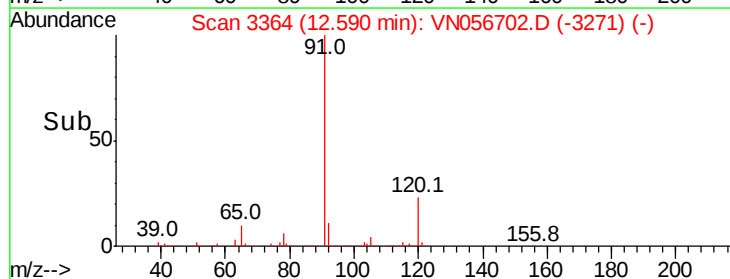
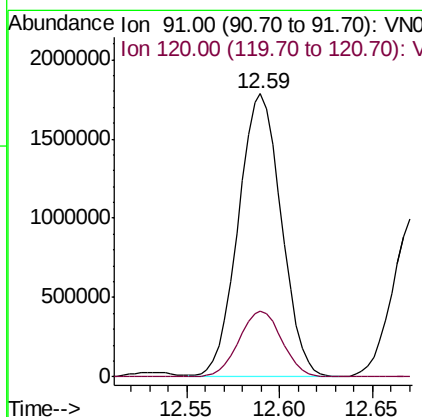
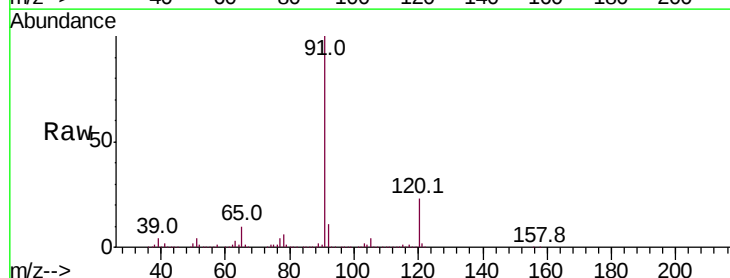
RT: 12.59 min Scan# 3364

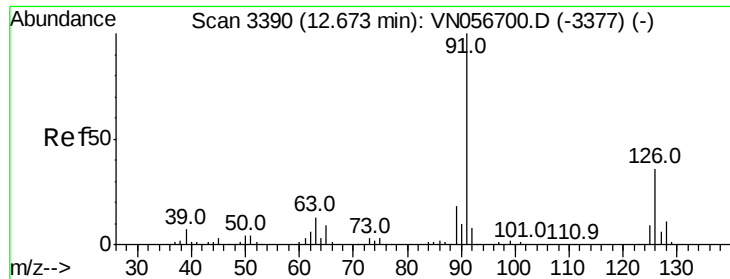
Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Tgt Ion:	91	Resp:	2859691
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 125.877 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1674683

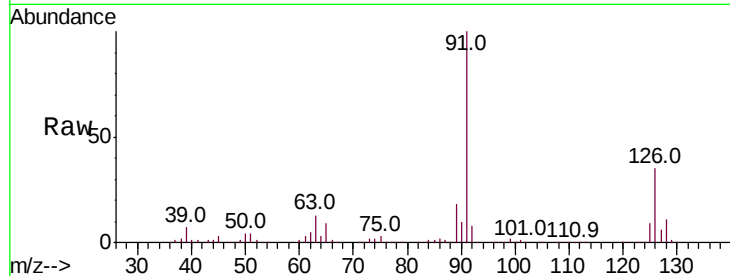
Ion Ratio Lower Upper

91 100

126 35.2 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VN056702.D (-3397) (-)

Ion 125.90 (125.60 to 126.60): VN056702.D (-3397) (-)

2000000

1500000

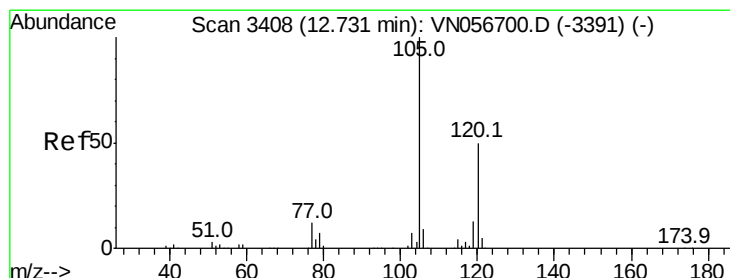
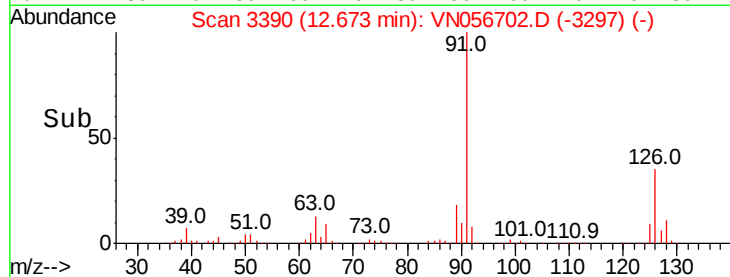
1000000

500000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 127.631 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056702.D

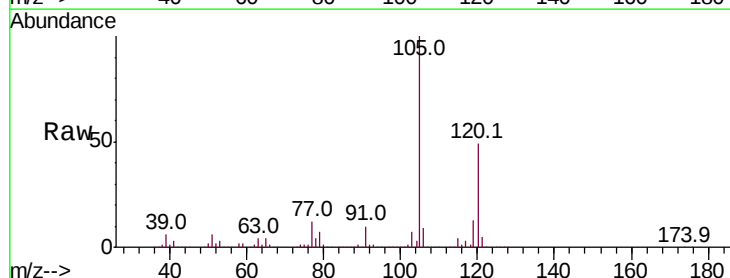
Acq: 15 Jul 2019 10:43

Tgt Ion:105 Resp: 2112913

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056702.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN056702.D (-3315) (-)

1500000

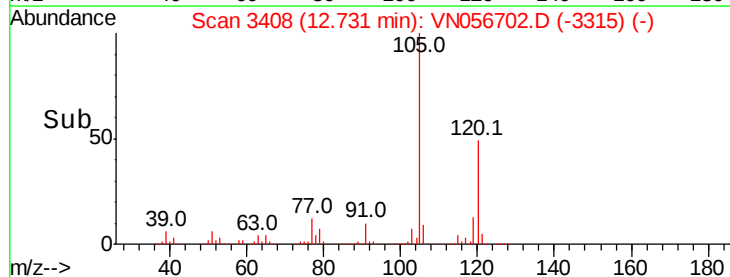
1000000

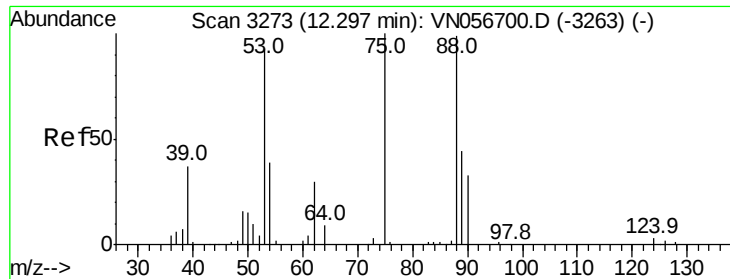
500000

0

12.70 12.73 12.76

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 192.181 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 272784

Ion Ratio Lower Upper

75 100

53 83.8 73.7 110.5

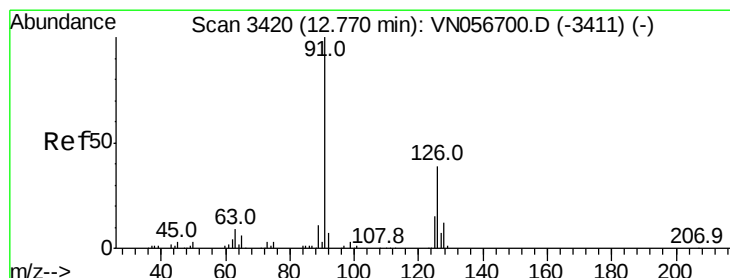
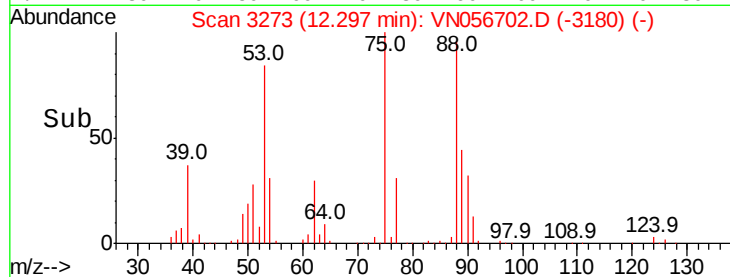
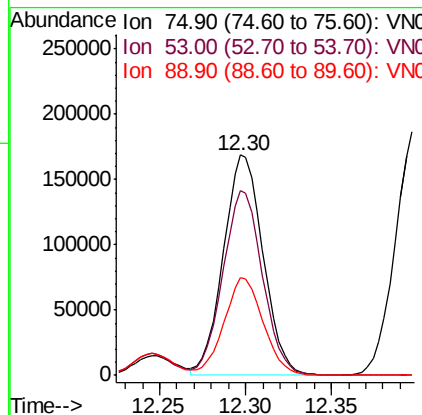
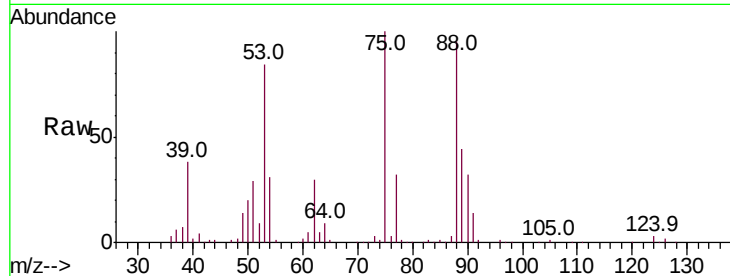
89 43.8 36.2 54.2

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#82

4-Chlorotoluene

Concen: 138.246 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056702.D

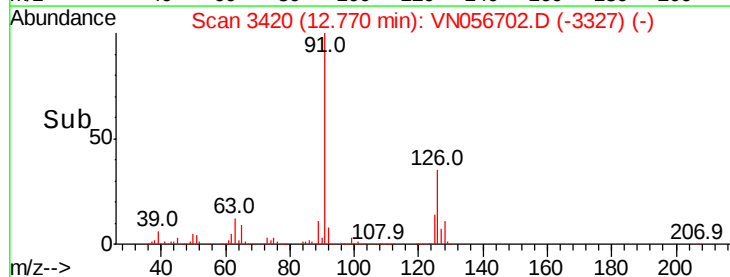
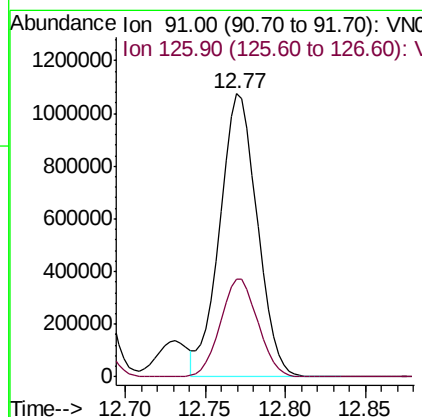
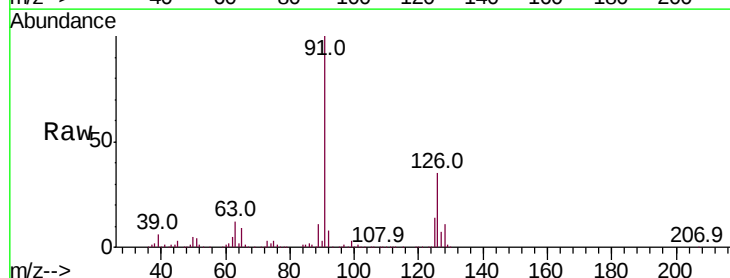
Acq: 15 Jul 2019 10:43

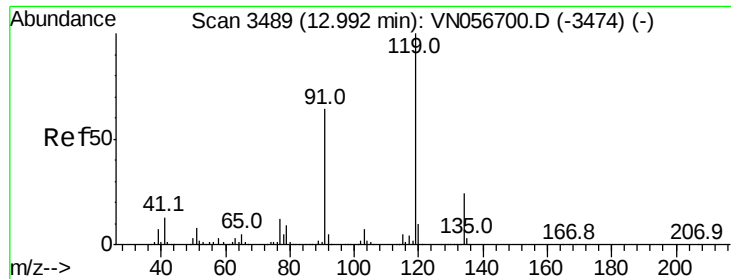
Tgt Ion: 91 Resp: 1725629

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.8





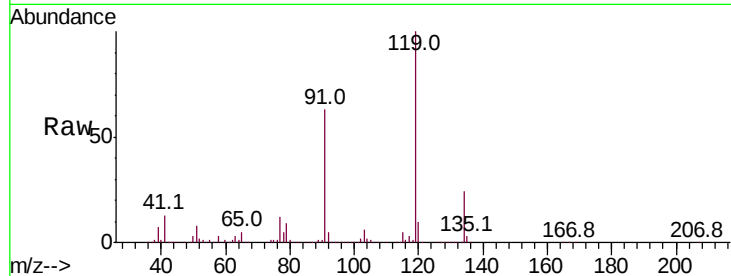
#83
 tert-Butylbenzene
 Concen: 120.399 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

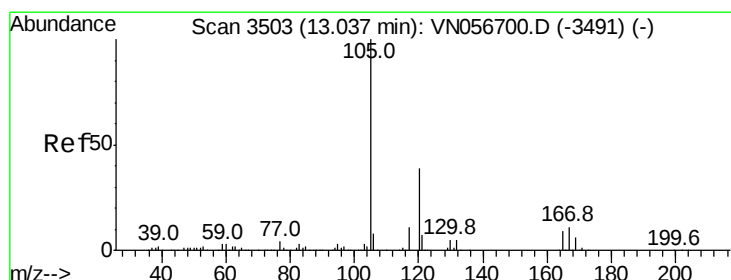
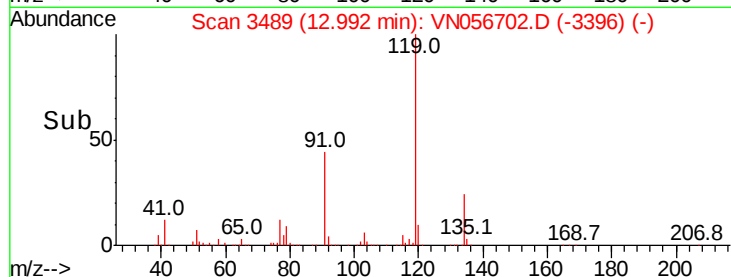
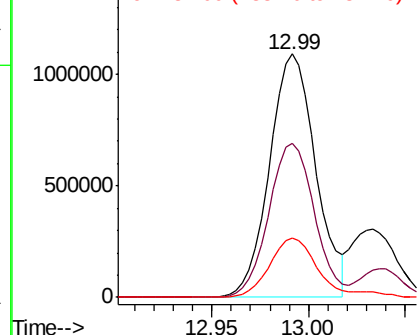
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.9	31.8	95.4
134	26.2	13.0	38.9

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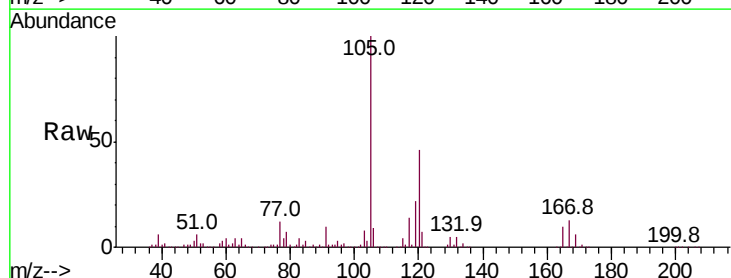


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

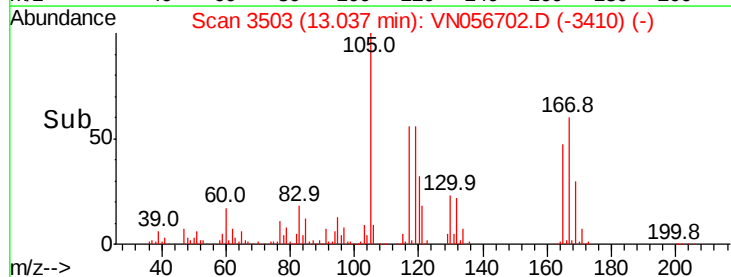
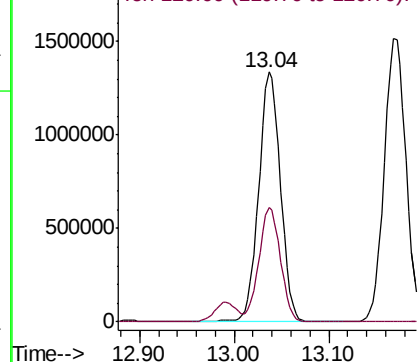


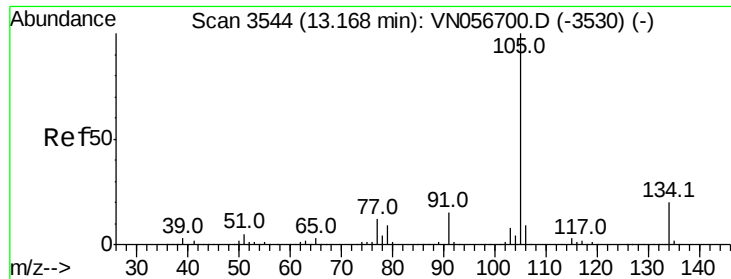
#84
 1,2,4-Trimethylbenzene
 Concen: 136.942 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 130.140 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2410730

Ion Ratio Lower Upper

105 100

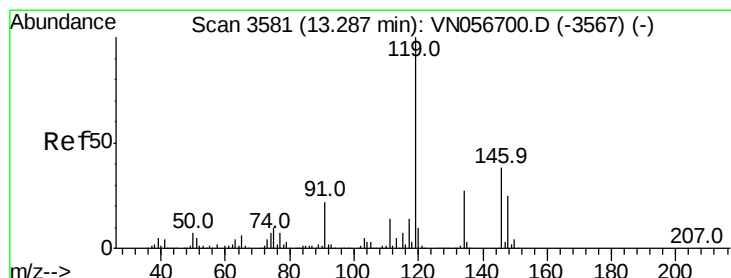
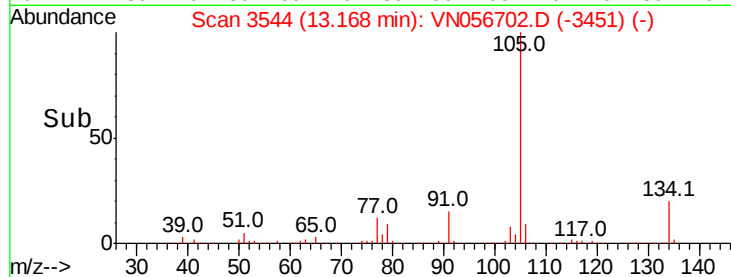
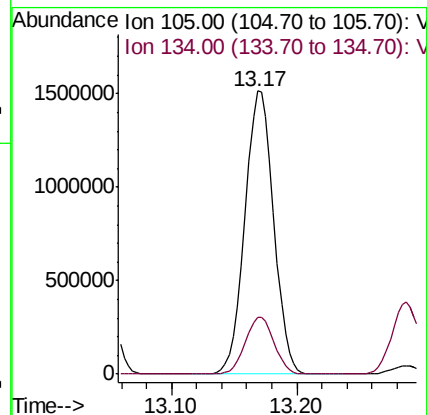
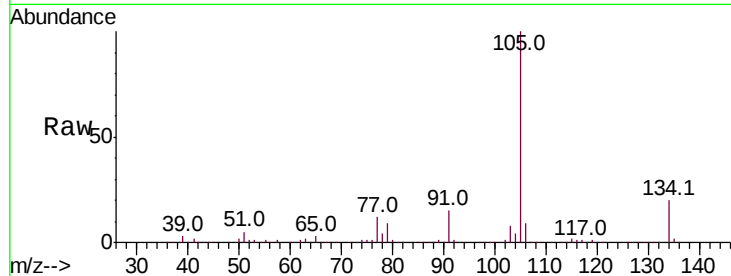
134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 139.089 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

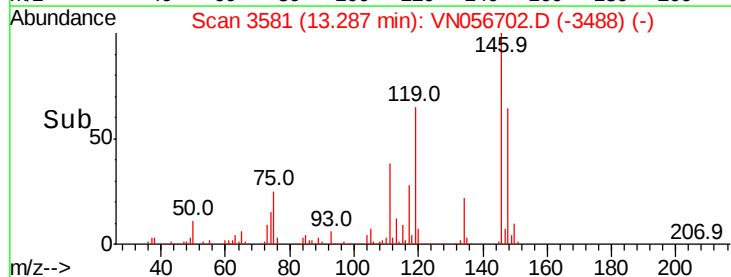
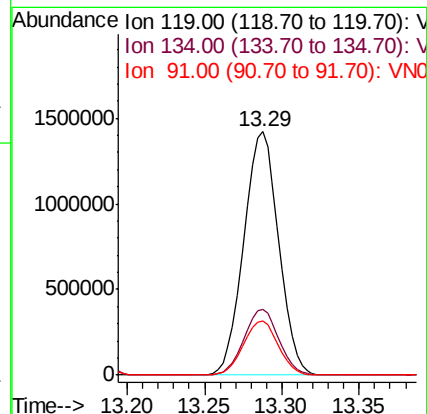
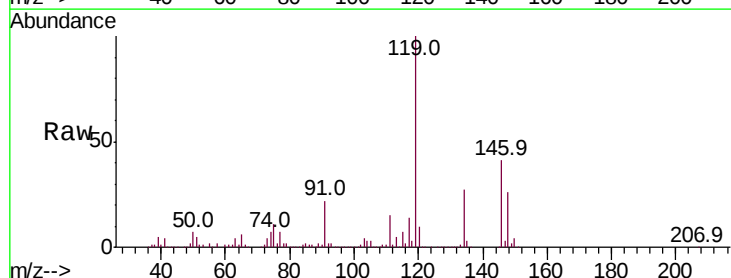
Tgt Ion:119 Resp: 2219394

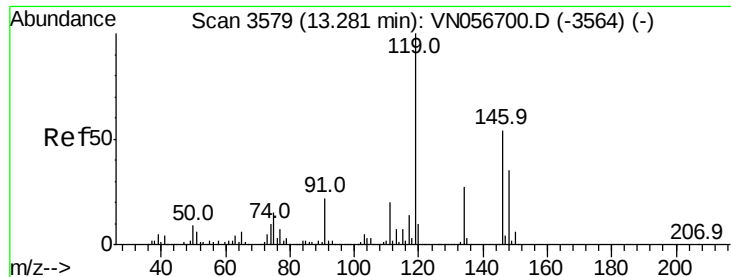
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.5 11.2 33.5





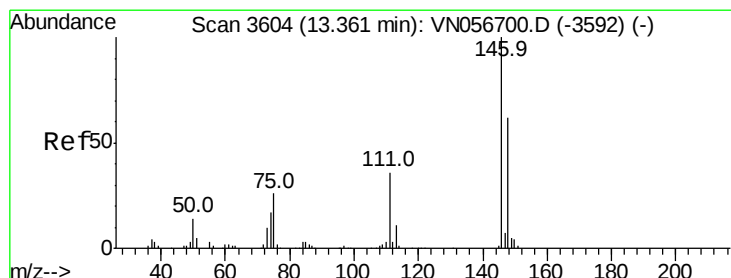
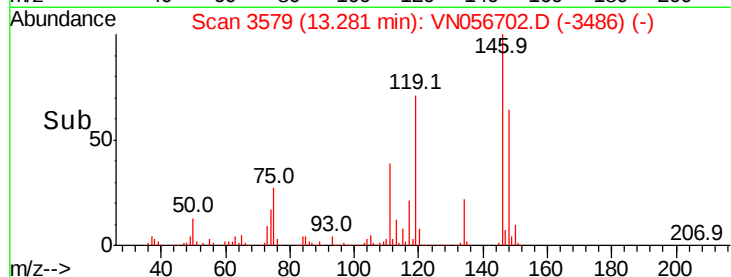
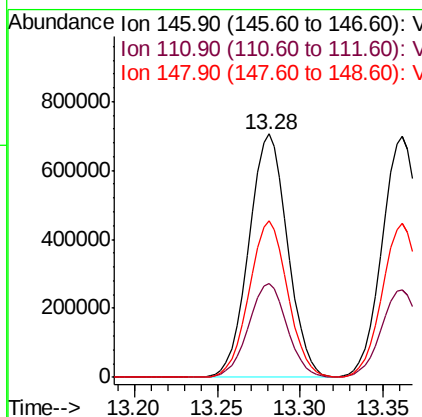
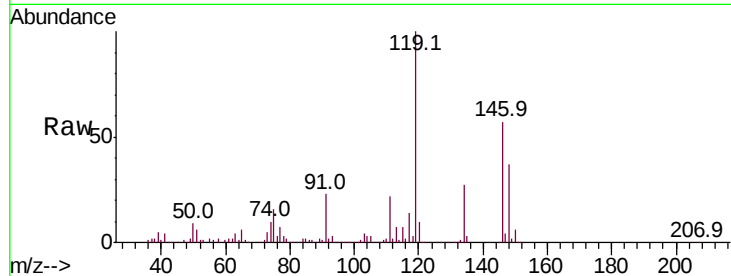
#87
 1,3-Dichlorobenzene
 Concen: 146.548 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1148828
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.8 56.3
 148 64.0 32.3 96.8

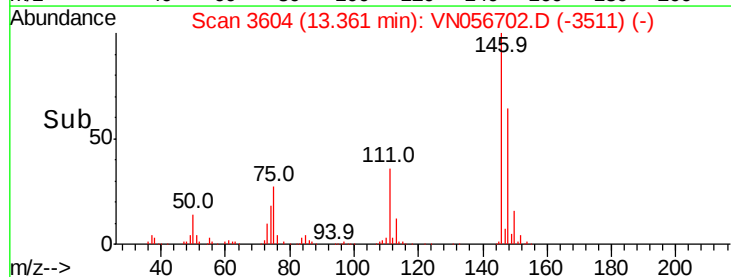
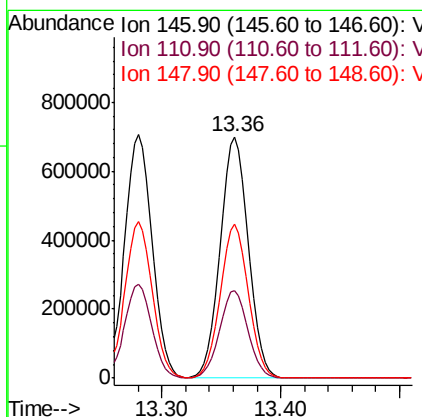
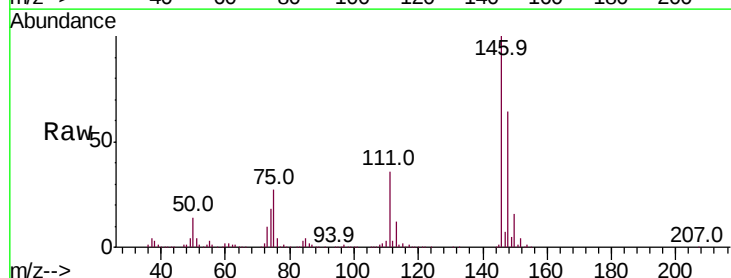
Manual Integrations
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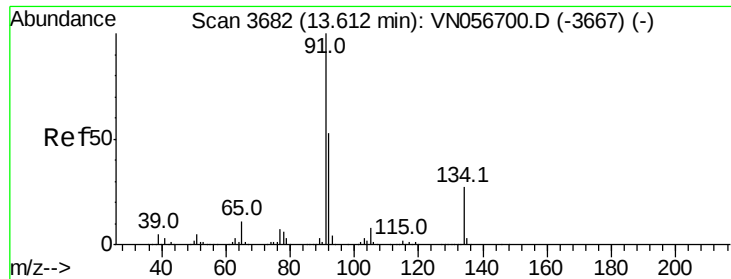
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#88
 1,4-Dichlorobenzene
 Concen: 149.933 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056702.D
 Acq: 15 Jul 2019 10:43

Tgt Ion:146 Resp: 1143118
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 55.8
 148 63.6 31.9 95.7





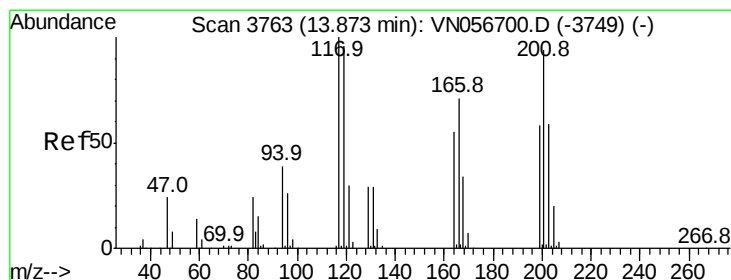
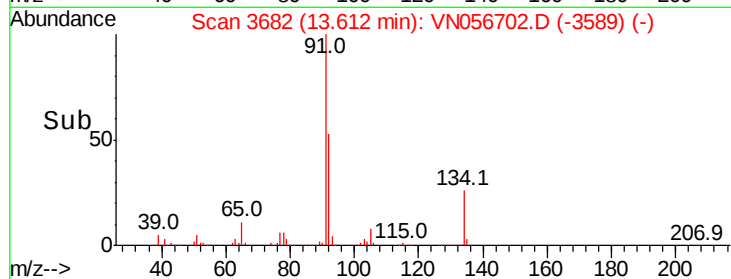
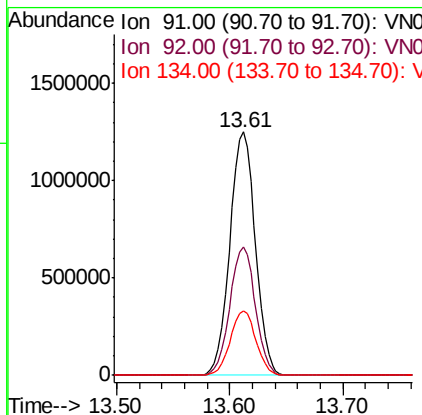
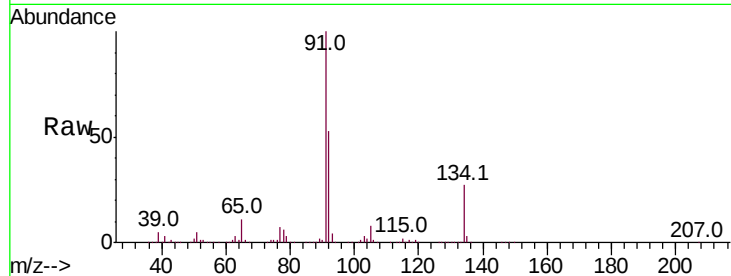
#89
n-Butylbenzene
Concen: 159.735 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1960000
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 26.6 13.4 40.2

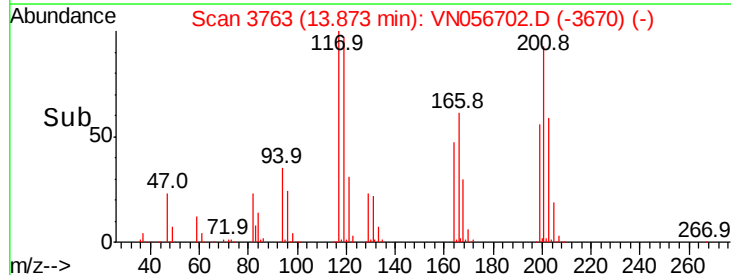
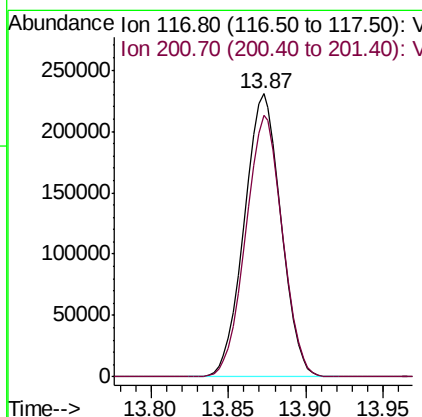
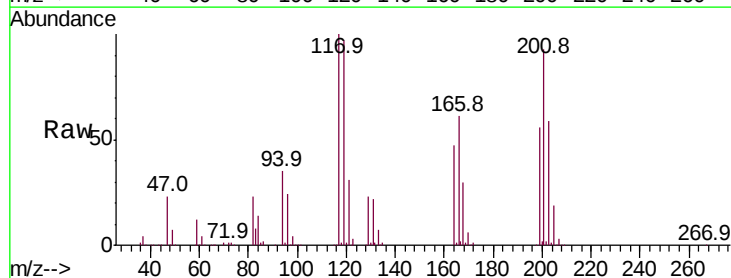
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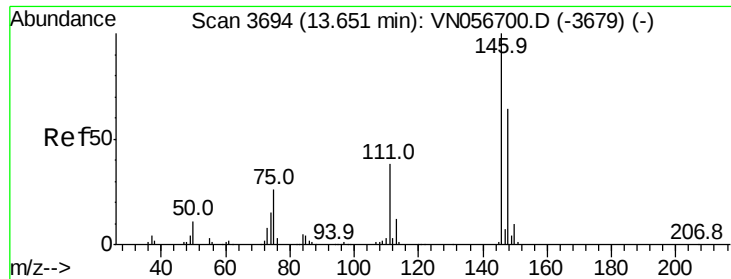
MMDadoda
7/17/2019 1:31:23 AM



#90
Hexachloroethane
Concen: 152.366 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion: 117 Resp: 382075
Ion Ratio Lower Upper
117 100
201 92.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 144.793 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:146 Resp: 1128174

Ion Ratio Lower Upper

146 100

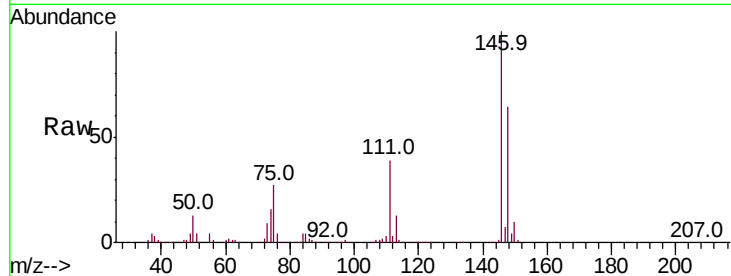
111 39.3 19.1 57.1

148 64.3 31.7 95.1

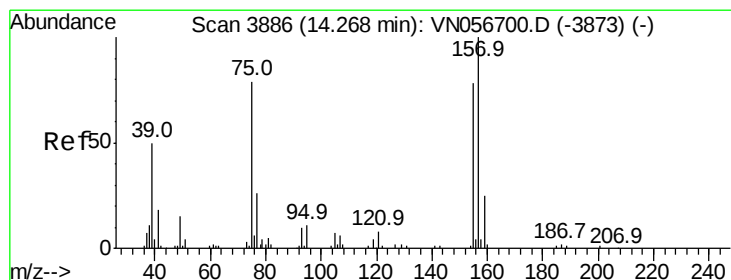
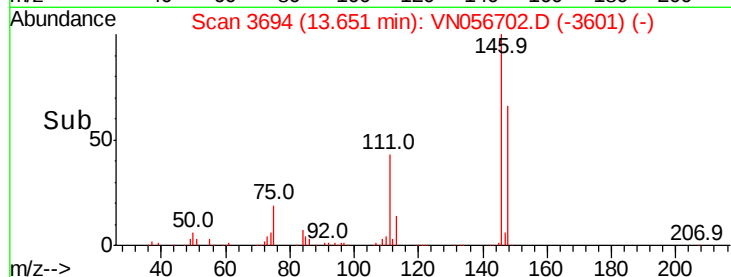
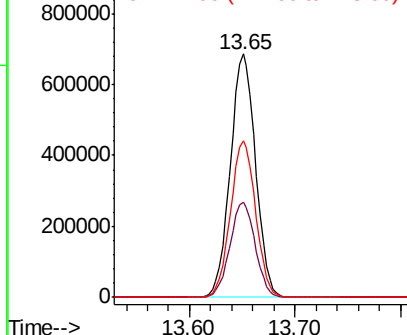
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 184.294 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056702.D

Acq: 15 Jul 2019 10:43

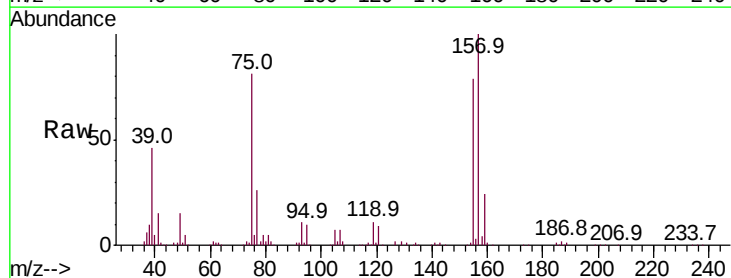
Tgt Ion: 75 Resp: 160925

Ion Ratio Lower Upper

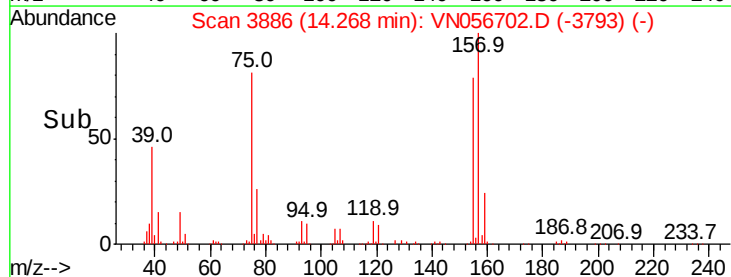
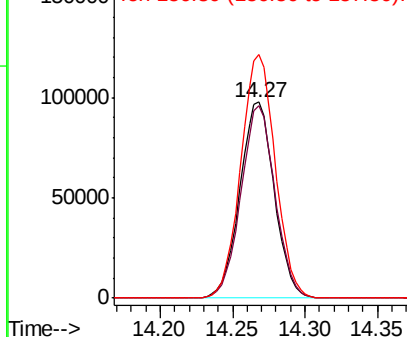
75 100

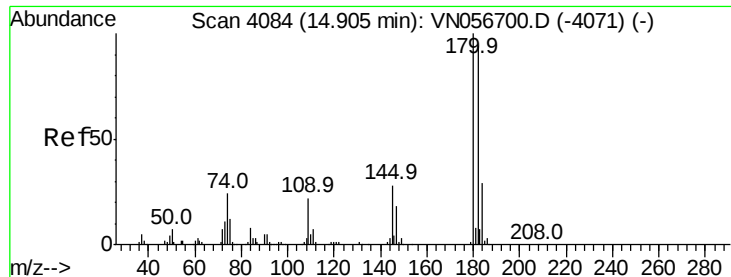
155 97.2 49.3 147.9

157 124.7 62.4 187.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





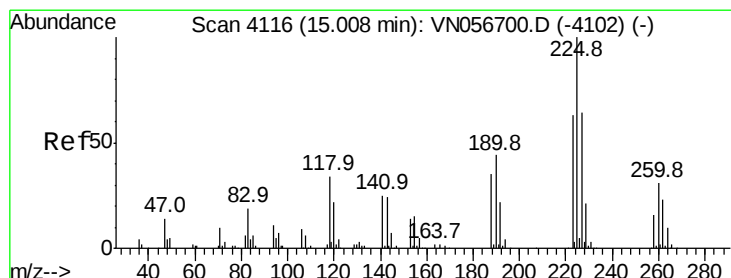
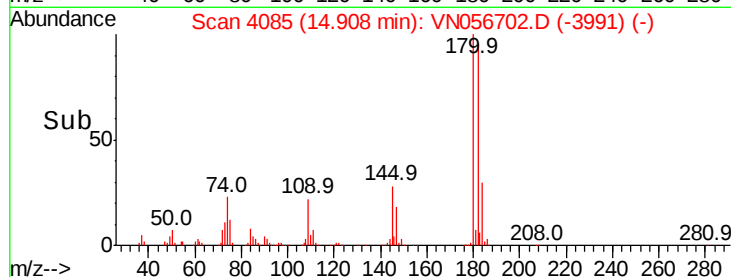
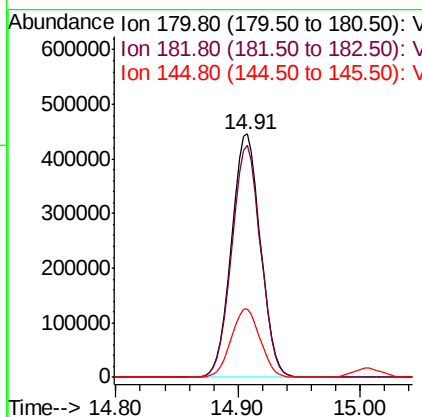
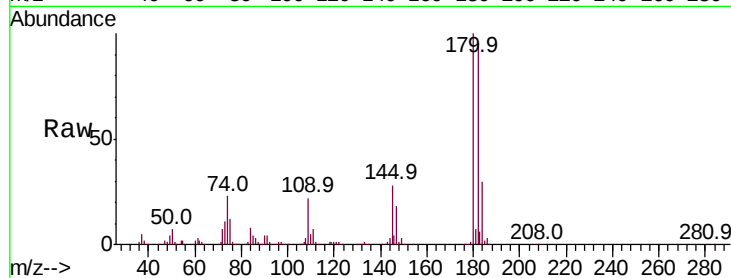
#93
1,2,4-Trichlorobenzene
Concen: 219.052 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.2	141.6	
145	28.3	14.2	42.8	

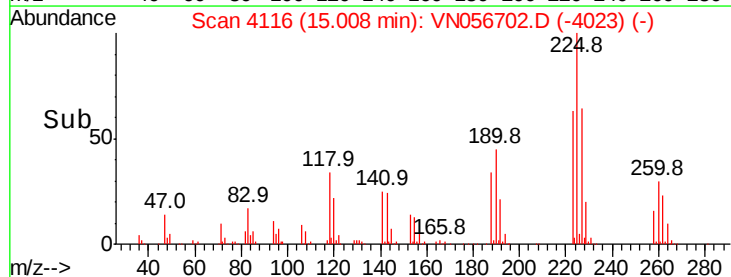
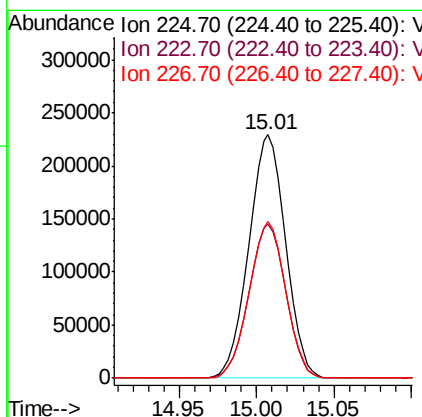
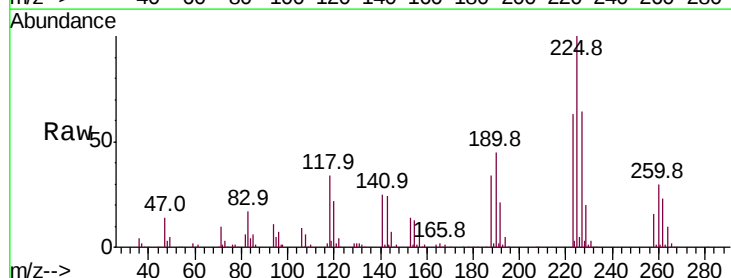
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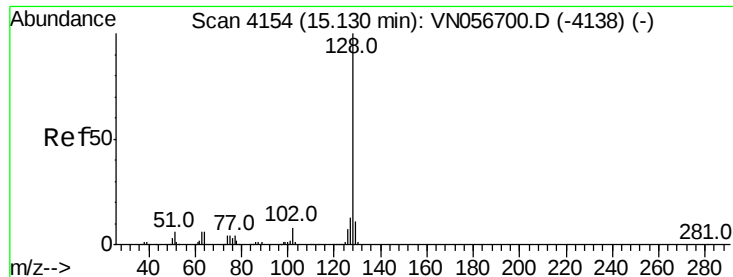
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#94
Hexachlorobutadiene
Concen: 128.543 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	31.5	94.5	
227	63.9	32.0	96.2	





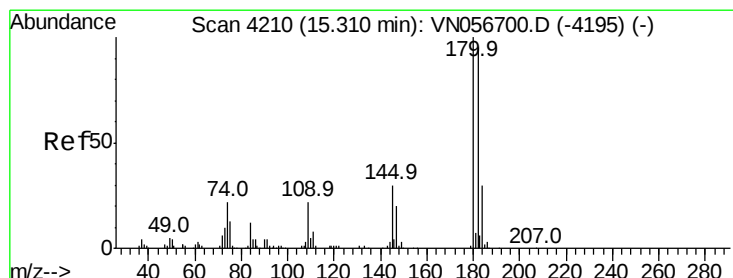
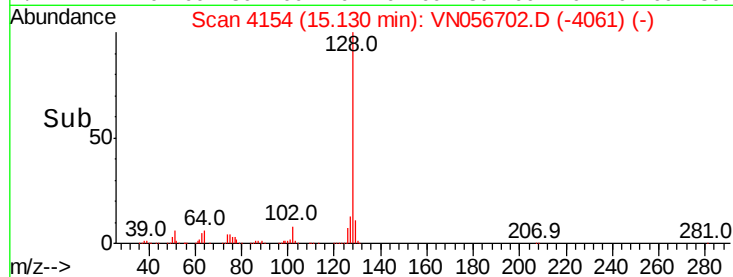
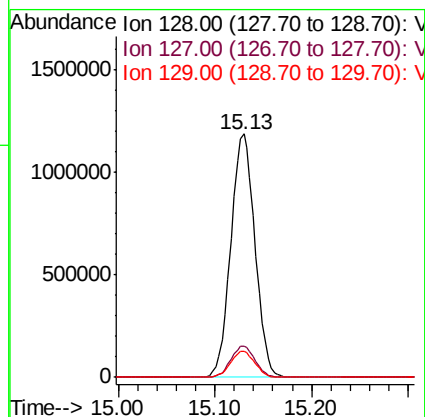
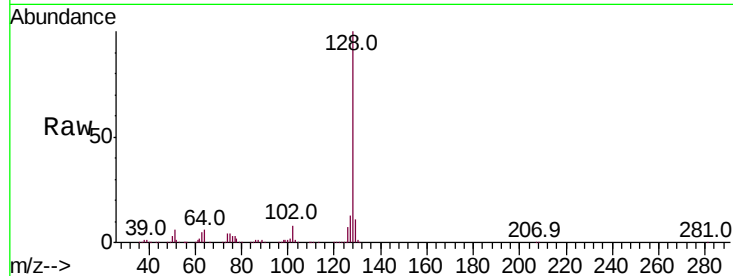
#95
Naphthalene
Concen: 230.828 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 203.223 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN056702.D
Acq: 15 Jul 2019 10:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	30.4	15.0	45.1

