

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056666.D
 Acq On : 11 Jul 2019 15:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 5:32:46 PM

Quant Time: Jul 12 09:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	321379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	164949	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	7.59	113	149036	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.09	98	544064	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	197174	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108621	39.916	ug/l	98
3) Chloromethane	2.06	50	139208	37.570	ug/l	98
4) Vinyl Chloride	2.18	62	143391	40.067	ug/l	99
5) Bromomethane	2.54	94	79448m	37.868	ug/l	
6) Chloroethane	2.69	64	86032	41.511	ug/l	97
7) Trichlorofluoromethane	3.00	101	204853	44.251	ug/l	98
8) Diethyl Ether	3.41	74	84784	43.275	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	133992	45.387	ug/l	99
10) Methyl Iodide	3.95	142	148815	37.296	ug/l	99
11) Tert butyl alcohol	4.79	59	134731	224.585	ug/l	98
12) 1,1-Dichloroethene	3.73	96	120424	42.418	ug/l	100
13) Acrolein	3.60	56	63767	126.118	ug/l	99
14) Allyl chloride	4.32	41	218231	46.177	ug/l	98
15) Acrylonitrile	4.98	53	409074	246.482	ug/l	99
16) Acetone	3.81	43	389400	218.206	ug/l	99
17) Carbon Disulfide	4.05	76	225779	34.965	ug/l	100
18) Methyl Acetate	4.32	43	176478	50.500	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	437957	46.620	ug/l	99
20) Methylene Chloride	4.55	84	151071	44.814	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	130226	42.546	ug/l	96
22) Diisopropyl ether	5.95	45	486153	48.982	ug/l	95
23) Vinyl Acetate	5.89	43	1961486	250.566	ug/l	100
24) 1,1-Dichloroethane	5.84	63	268121	47.061	ug/l	100
25) 2-Butanone	6.83	43	571289	241.881	ug/l	99
26) 2,2-Dichloropropane	6.82	77	196661	49.630	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	165573	46.236	ug/l	99
28) Bromochloromethane	7.19	49	132716	47.095	ug/l	98
29) Tetrahydrofuran	7.21	42	360256	249.598	ug/l	98
30) Chloroform	7.37	83	270434	48.104	ug/l	99
31) Cyclohexane	7.65	56	221626	40.294	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	214154	48.058	ug/l	100
36) 1,1-Dichloropropene	7.79	75	185164	44.986	ug/l	99
37) Ethyl Acetate	6.93	43	215427	53.258	ug/l	99
38) Carbon Tetrachloride	7.77	117	176986	49.171	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	223903	44.086	ug/l	98
40) Benzene	8.04	78	598407	47.265	ug/l	99
41) Methacrylonitrile	7.17	41	89609m	50.168	ug/l	
42) 1,2-Dichloroethane	8.12	62	199440	47.732	ug/l	100
43) Isopropyl Acetate	8.16	43	333042	53.396	ug/l	100
44) Trichloroethene	8.83	130	162032	47.509	ug/l	99
45) 1,2-Dichloropropane	9.12	63	168051	49.632	ug/l	99
46) Dibromomethane	9.21	93	104205	49.191	ug/l	99
47) Bromodichloromethane	9.40	83	202105	53.793	ug/l	99
48) Methyl methacrylate	9.20	41	161729	51.743	ug/l	99
49) 1,4-Dioxane	9.20	88	67770	1044.817	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1107151	275.019	ug/l	100
52) Toluene	10.15	92	374465	48.377	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	213373	48.832	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	243131	53.737	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	160575	51.609	ug/l	98
56) Ethyl methacrylate	10.43	69	244022	53.666	ug/l	100
57) 1,3-Dichloropropane	10.71	76	264687	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	615989	377.091	ug/l	100
59) 2-Hexanone	10.75	43	825429	278.976	ug/l	100
60) Dibromochloromethane	10.90	129	164553	51.385	ug/l	99
61) 1,2-Dibromoethane	11.00	107	162547	51.151	ug/l	99
64) Tetrachloroethene	10.63	164	155930	46.738	ug/l	97
65) Chlorobenzene	11.43	112	415026	49.027	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156099	54.560	ug/l	100
67) Ethyl Benzene	11.51	91	729932	49.108	ug/l	100
68) m/p-Xylenes	11.62	106	549760	100.924	ug/l	100
69) o-Xylene	11.95	106	267536	49.643	ug/l	99
70) Styrene	11.96	104	463859	53.849	ug/l	100
71) Bromoform	12.12	173	121524	52.484	ug/l #	99
73) Isopropylbenzene	12.25	105	718060	47.101	ug/l	100
74) N-amyl acetate	12.07	43	281704	43.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238811	50.817	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	207194m	49.394	ug/l	
77) Bromobenzene	12.52	156	192126	42.473	ug/l	98
78) n-propylbenzene	12.59	91	820908	44.311	ug/l	100
79) 2-Chlorotoluene	12.67	91	486567	47.786	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	618293	48.496	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66620	56.446	ug/l	93
82) 4-Chlorotoluene	12.77	91	491982	44.977	ug/l	100
83) tert-Butylbenzene	12.99	119	530767	47.717	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	621715	45.651	ug/l	100
85) sec-Butylbenzene	13.17	105	707984	43.479	ug/l	100
86) p-Isopropyltoluene	13.29	119	648942	46.438	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	326746	47.665	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	317894	47.883	ug/l	100
89) n-Butylbenzene	13.61	91	555075	52.470	ug/l	100
90) Hexachloroethane	13.87	117	100351	46.061	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	330507	48.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41196	55.035	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	180114	50.757	ug/l	99
94) Hexachlorobutadiene	15.01	225	118417	51.431	ug/l	99
95) Naphthalene	15.13	128	464541	50.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	181619	49.534	ug/l	98

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

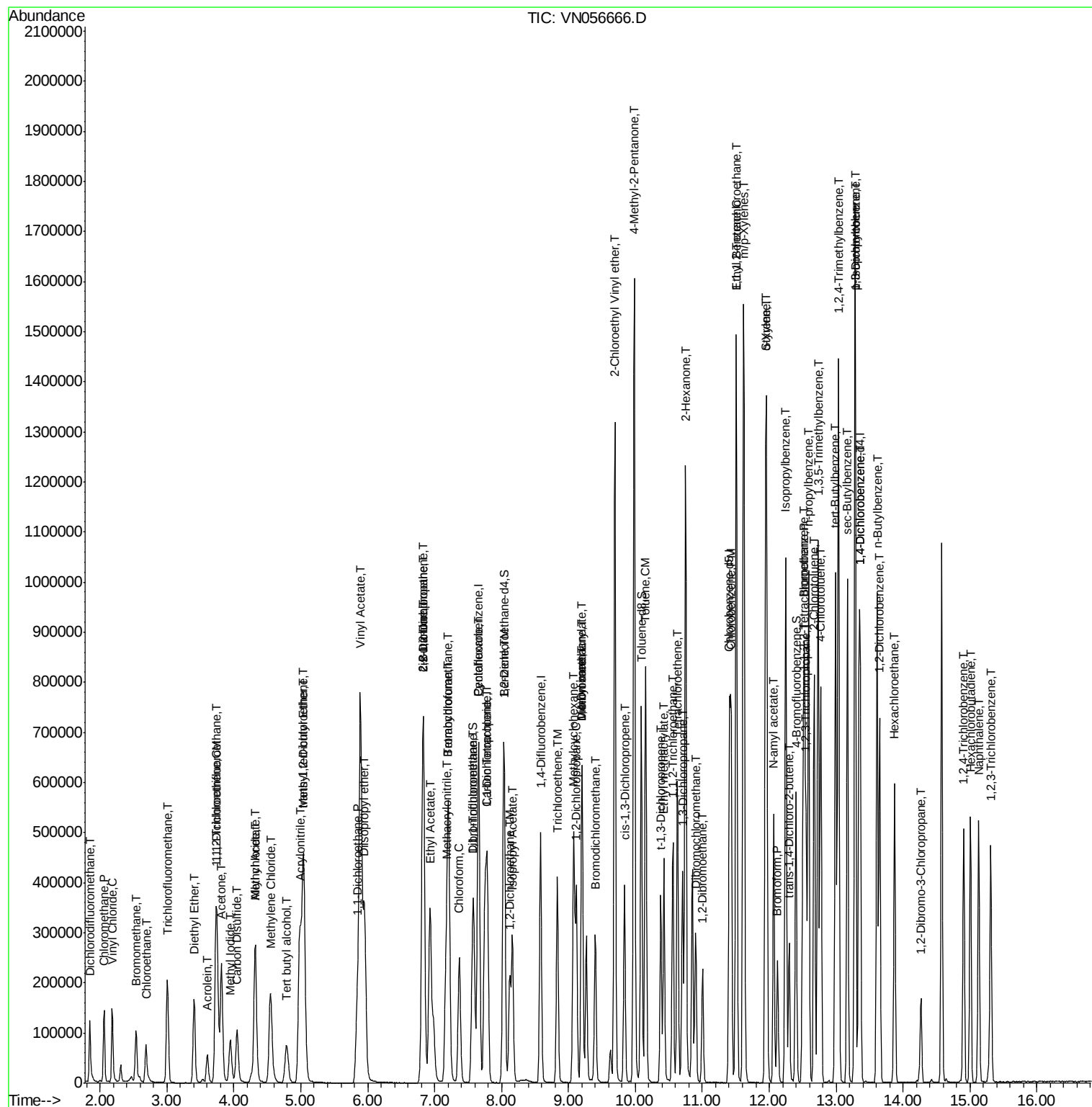
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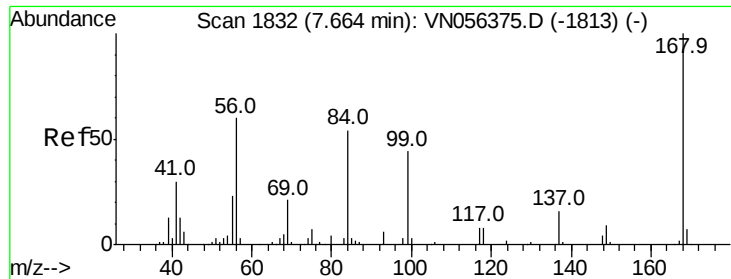
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 321379

Ion Ratio Lower Upper

168 100

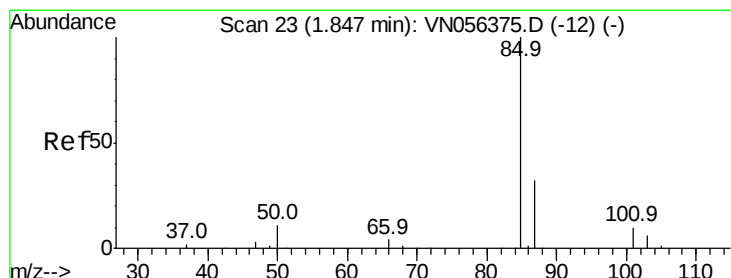
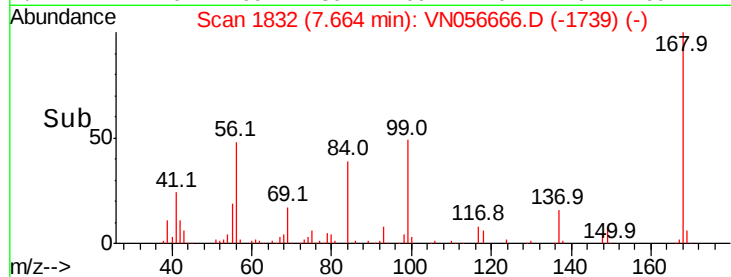
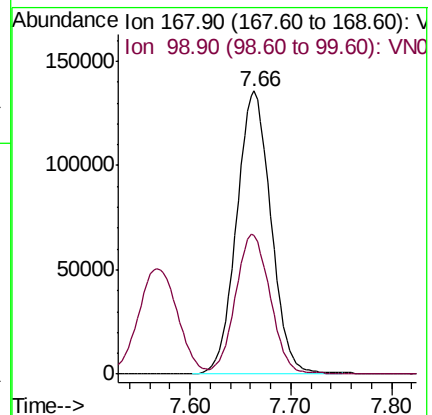
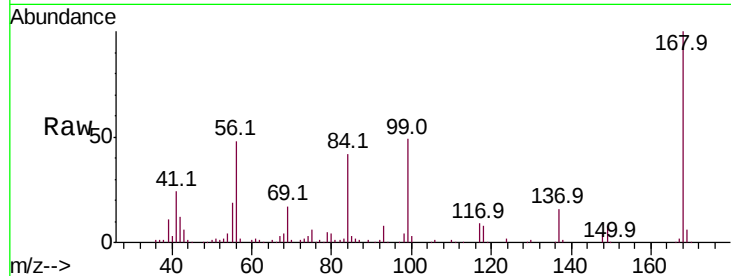
99 48.6 40.6 61.0

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 39.916 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056666.D

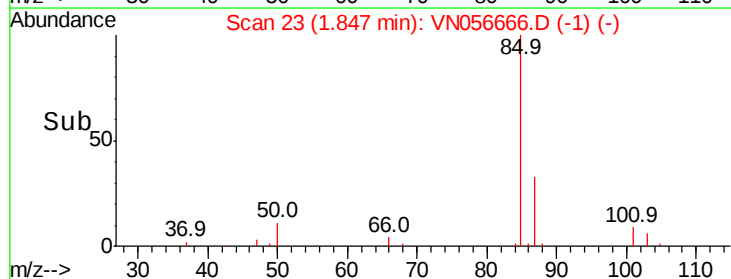
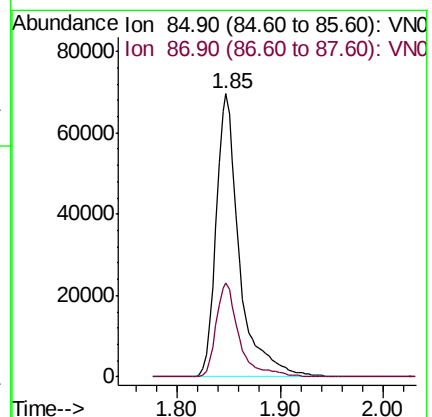
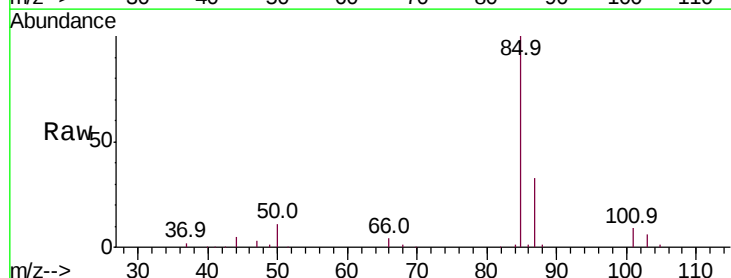
Acq: 11 Jul 2019 15:01

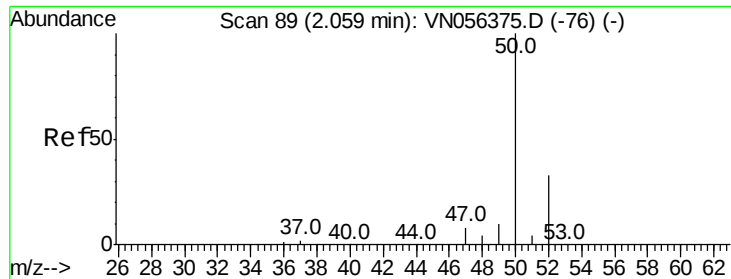
Tgt Ion: 85 Resp: 108621

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5





#3

Chloromethane

Concen: 37.570 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 139208

Ion Ratio Lower Upper

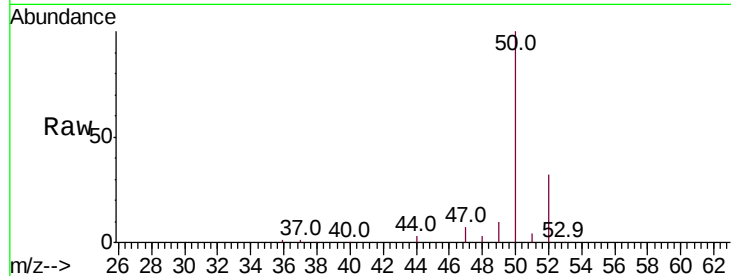
50 100

52 32.1 26.5 39.7

Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

80000

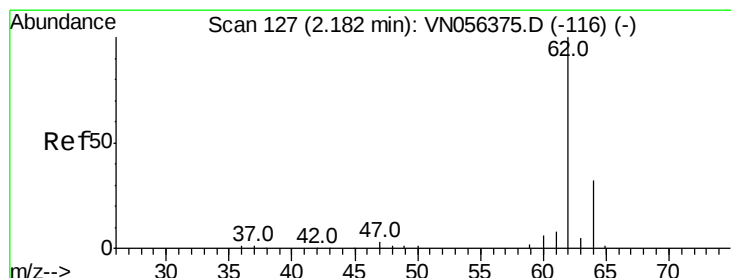
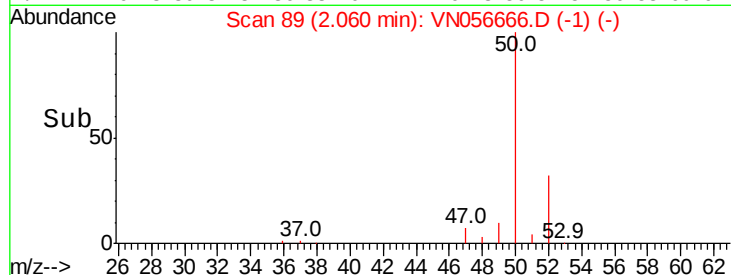
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 40.067 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056666.D

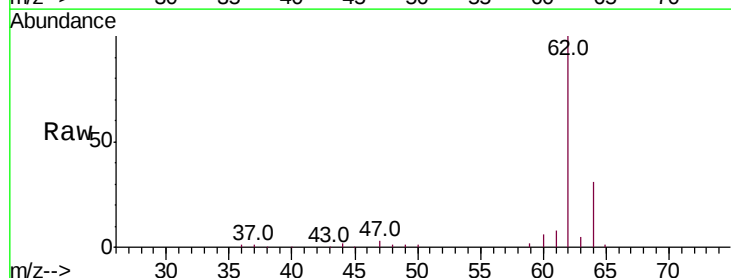
Acq: 11 Jul 2019 15:01

Tgt Ion: 62 Resp: 143391

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

100000

80000

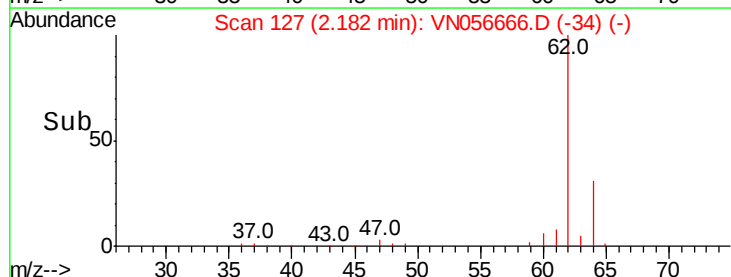
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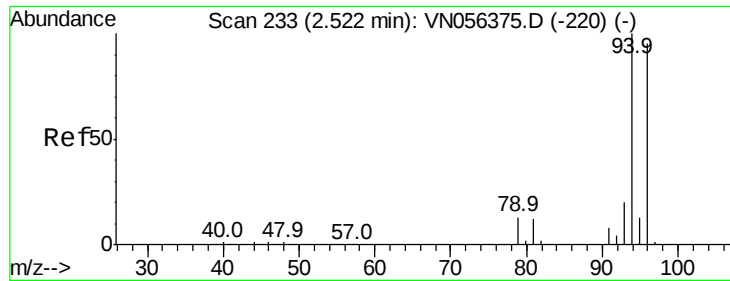
40000

20000

0

Time-->





#5

Bromomethane

Concen: 37.868 ug/l m

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 79448

Ion Ratio Lower Upper

94 100

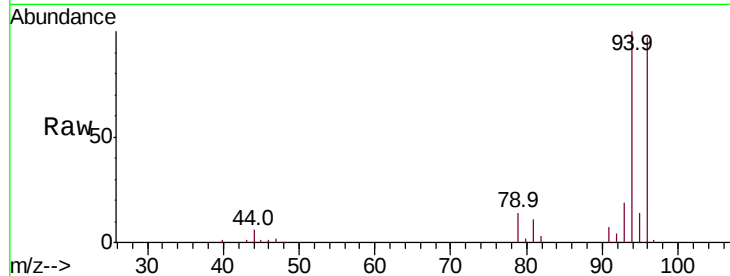
96 97.0 76.0 114.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

40000

30000

20000

10000

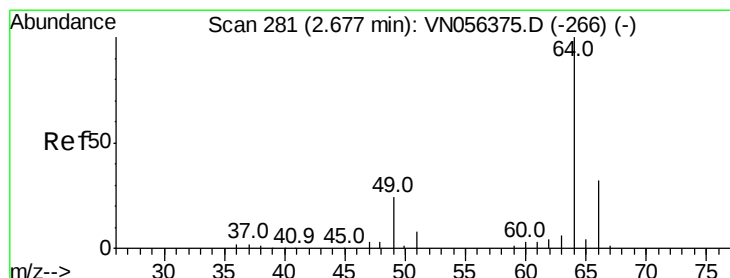
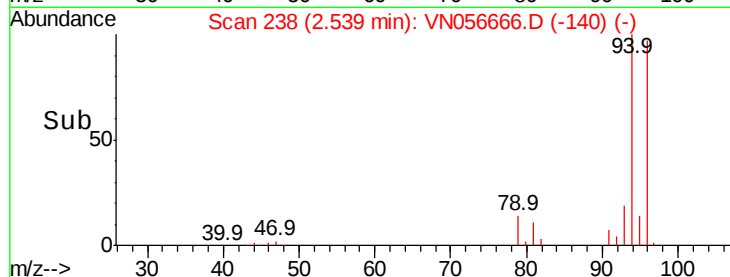
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Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 41.511 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN056666.D

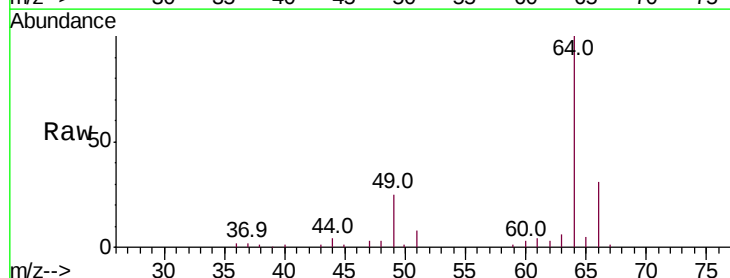
Acq: 11 Jul 2019 15:01

Tgt Ion: 64 Resp: 86032

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

40000

30000

20000

10000

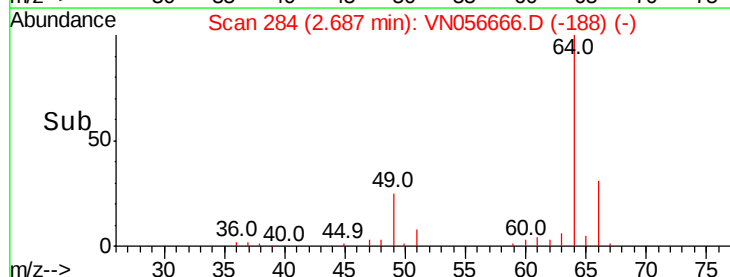
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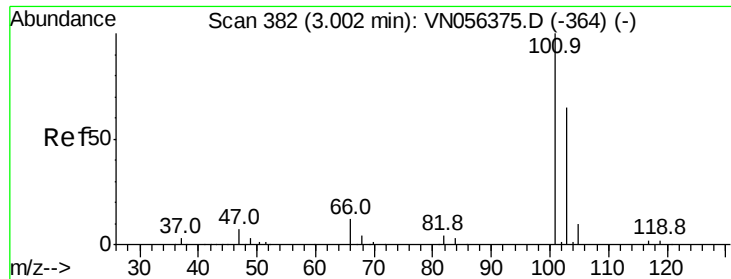
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2.60

2.70

2.80





#7

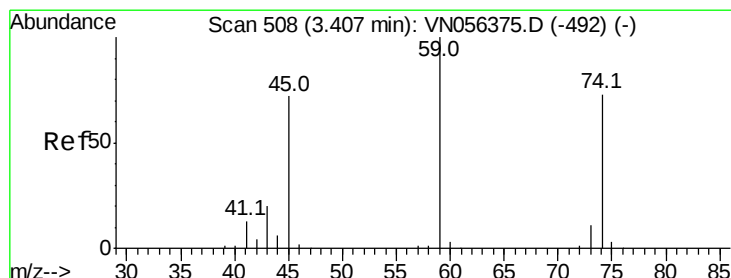
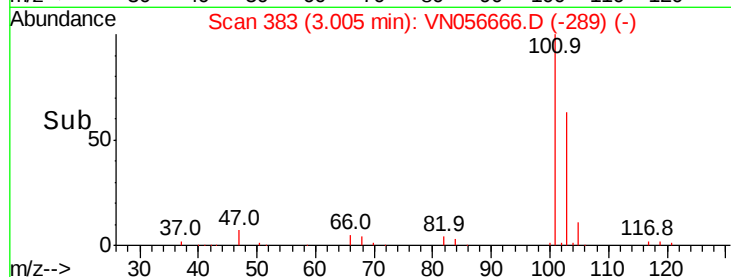
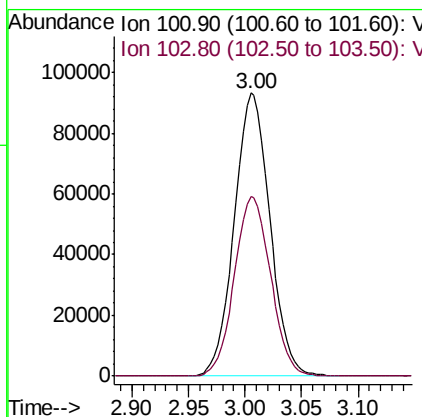
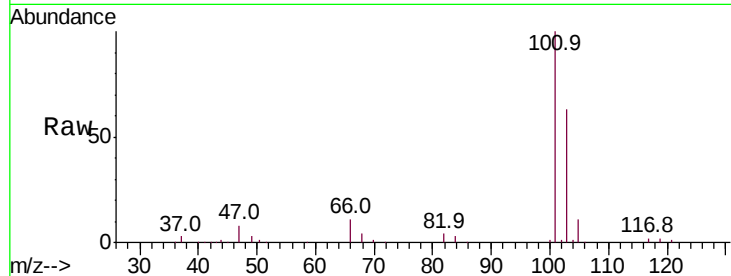
Trichlorofluoromethane
 Concen: 44.251 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.7	77.5

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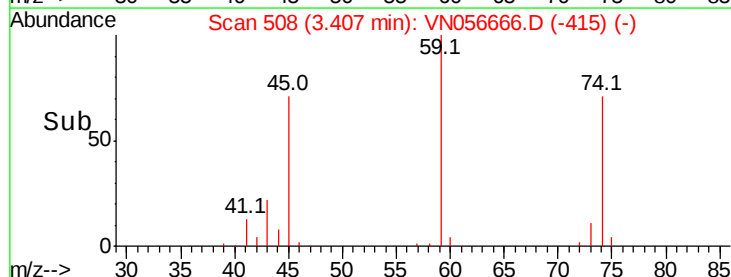
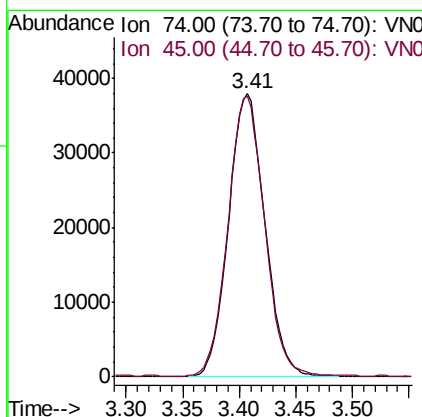
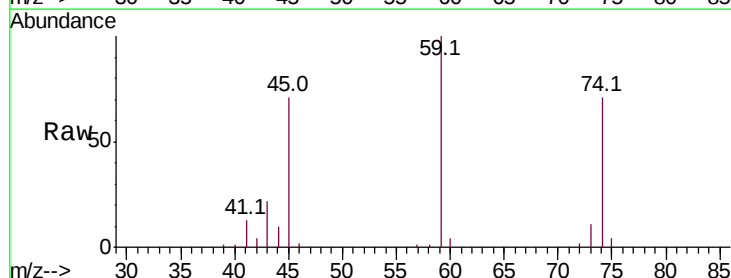
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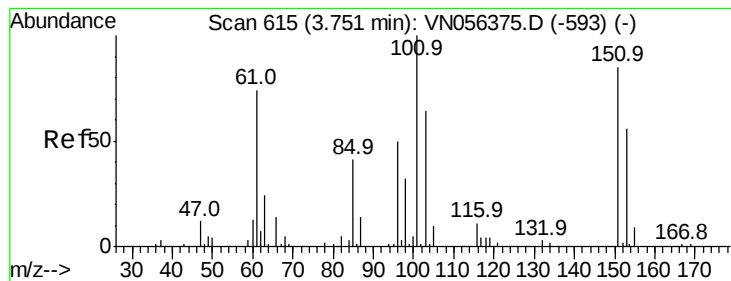


#8

Diethyl Ether
 Concen: 43.275 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	48.9	146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.387 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

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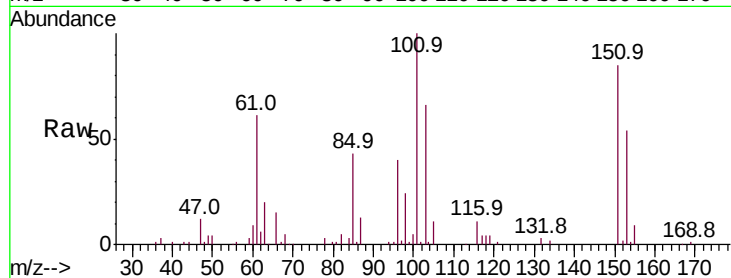
ClientSampleId :

VSTDCCC050

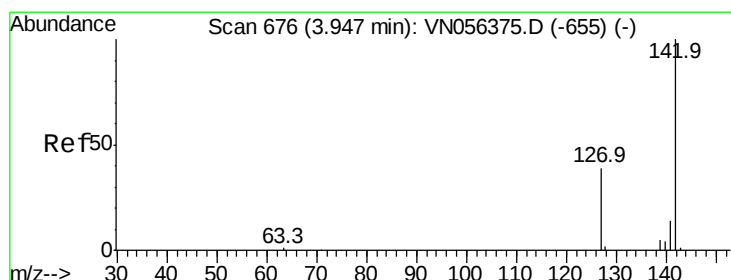
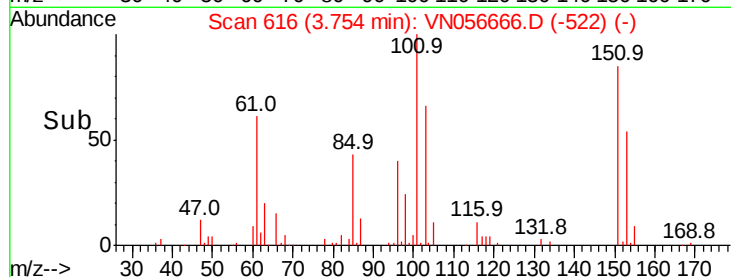
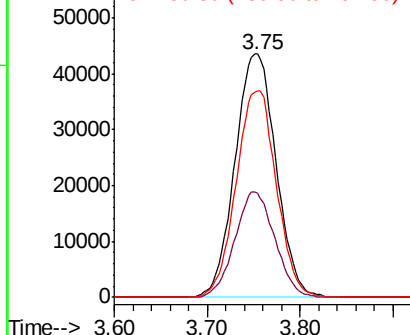
Tot Ion:	101	Resp:	133992
Ion Ratio	Lower	Upper	
101	100		
85	42.0	32.7	49.1
151	83.1	66.8	100.2

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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: 37.296 ug/l

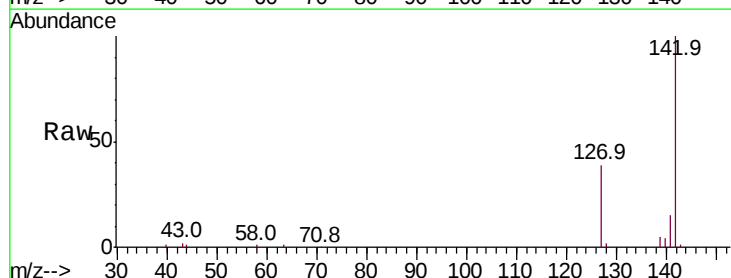
RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

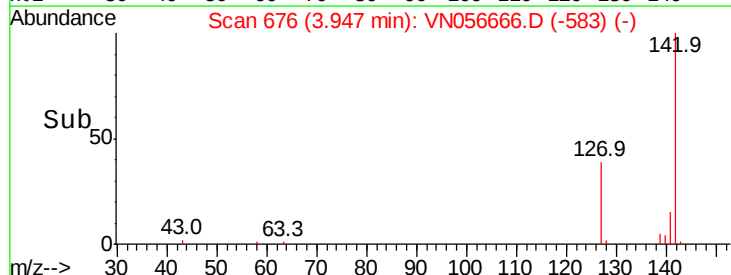
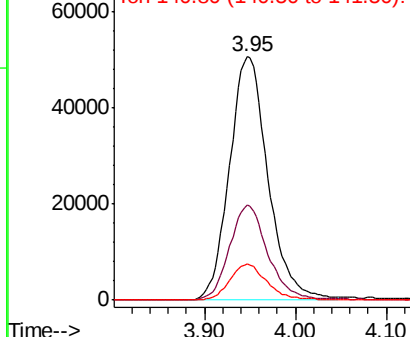
Lab File: VN056666.D

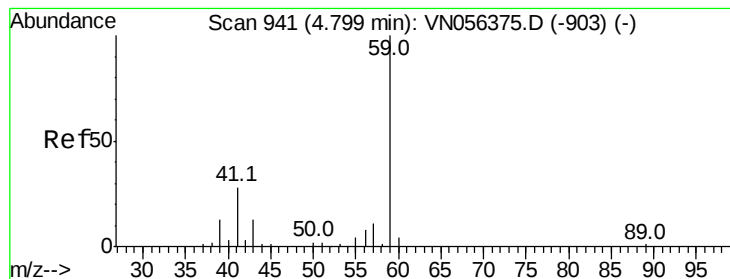
Acq: 11 Jul 2019 15:01

Tgt Ion:	142	Resp:	148815
Ion Ratio	Lower	Upper	
142	100		
127	38.7	30.6	46.0
141	14.2	11.4	17.2



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

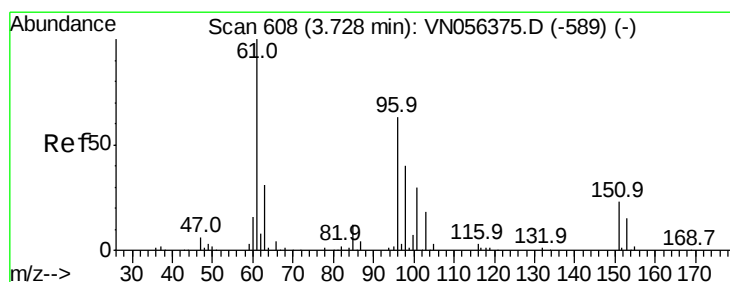
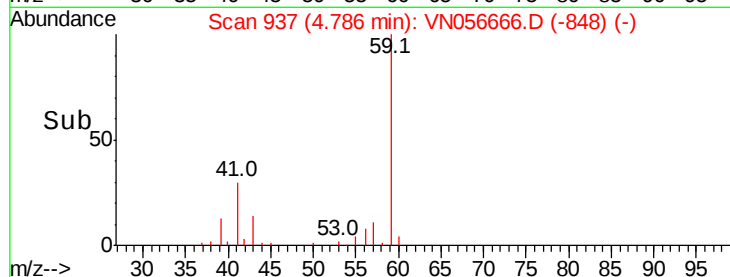
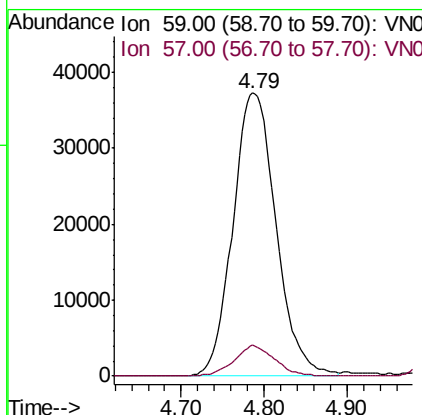
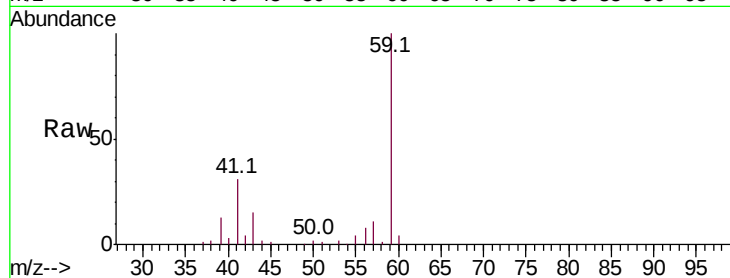
Tert butyl alcohol
Concen: 224.585 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.01 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	134731
Ion Ratio	100	Lower	Upper
57	10.2	7.6	11.4

Manual Integrations
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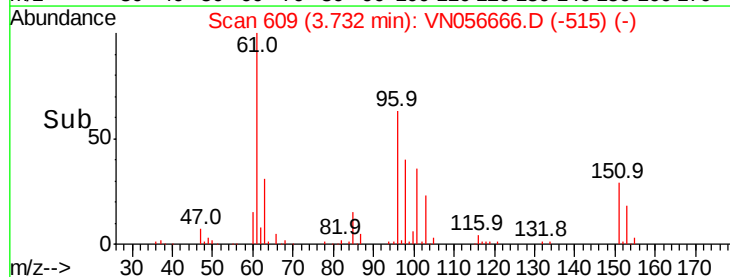
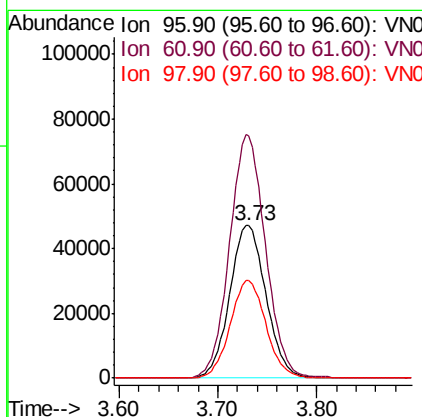
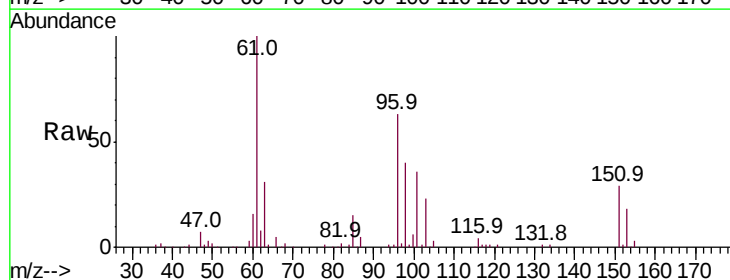
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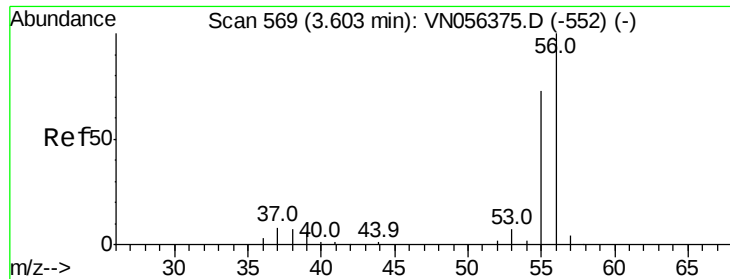


#12

1,1-Dichloroethene
Concen: 42.418 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	96	Resp	120424
Ion Ratio	100	Lower	Upper
61	158.5	126.6	190.0
98	63.8	51.1	76.7





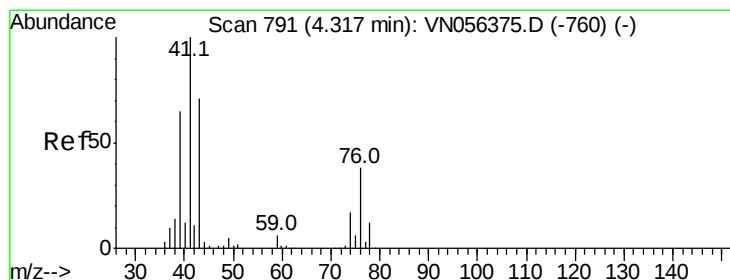
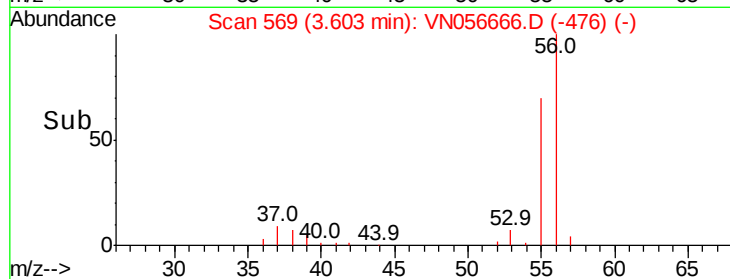
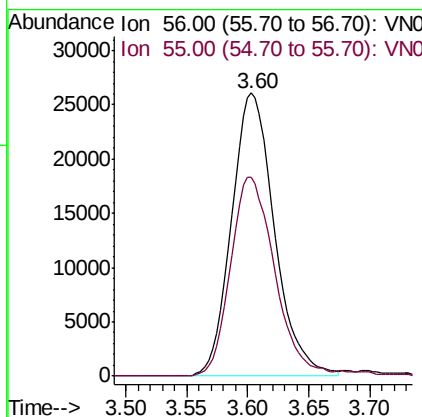
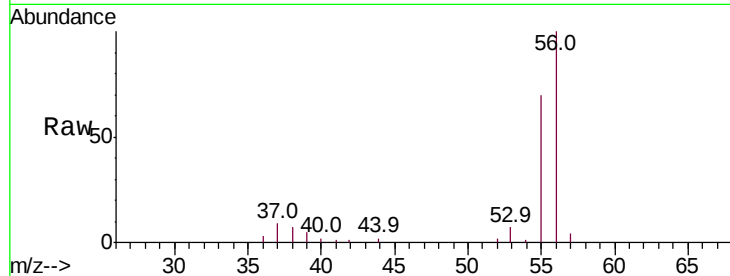
#13
Acrolein
Concen: 126.118 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	63767
Ion Ratio	100	Lower	Upper
55	72.1	57.1	85.7

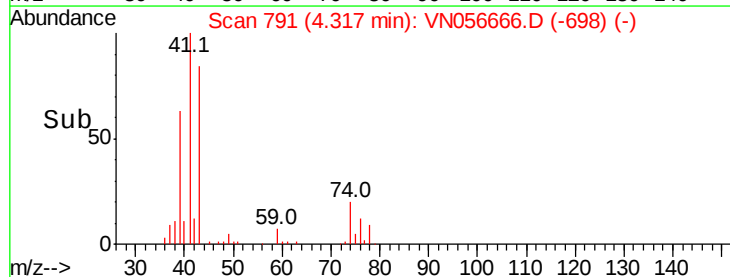
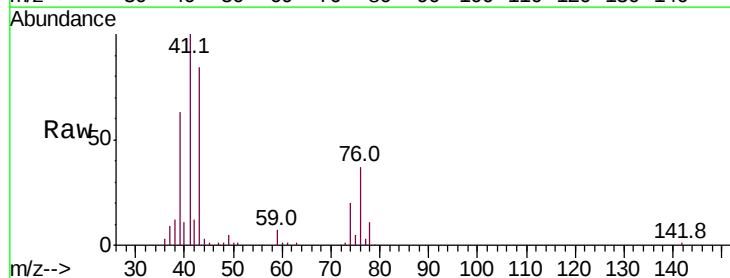
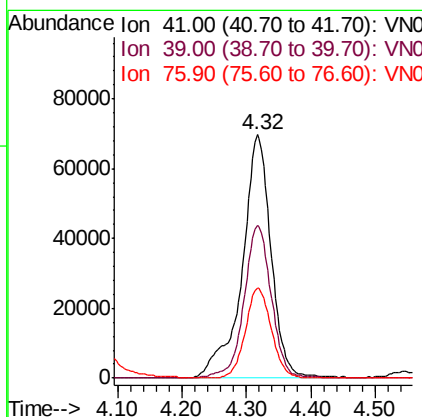
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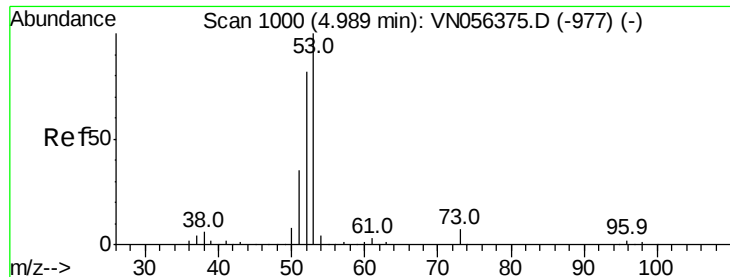
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#14
Allyl chloride
Concen: 46.177 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	41	Resp	218231
Ion Ratio	100	Lower	Upper
39	59.2	48.6	73.0
76	33.1	26.6	40.0





#15

Acrylonitrile

Concen: 246.482 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

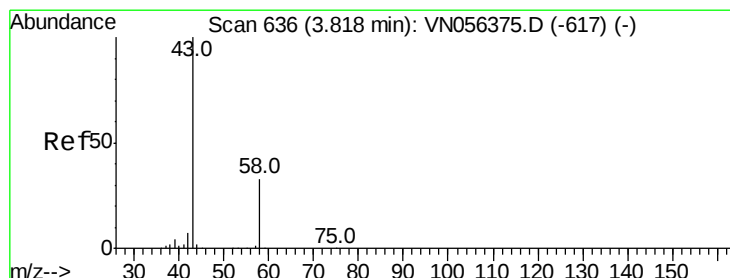
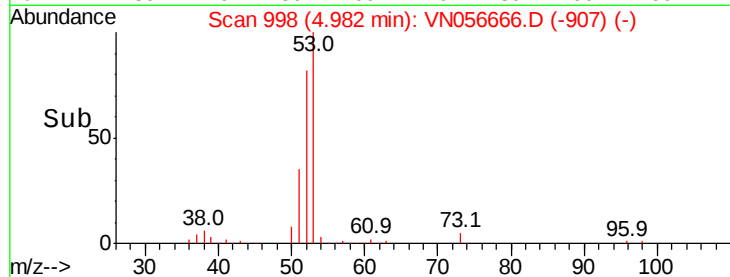
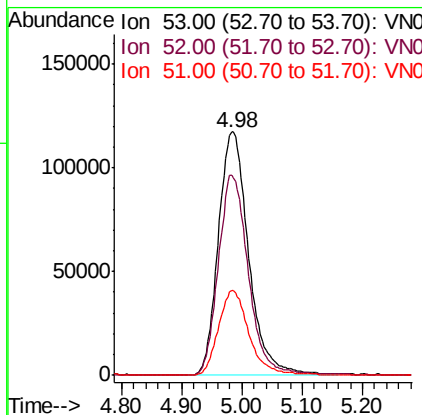
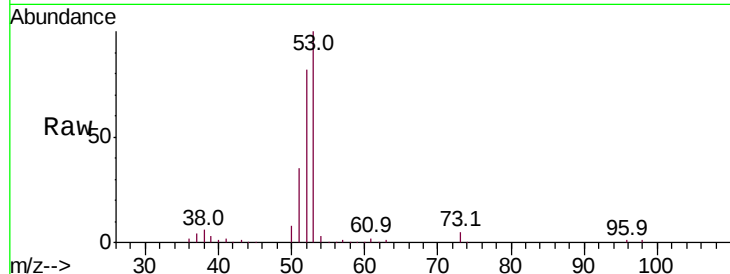
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	409074
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.9	98.9
51	35.0	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 218.206 ug/l

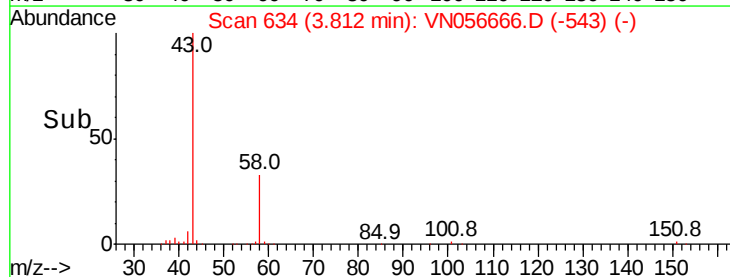
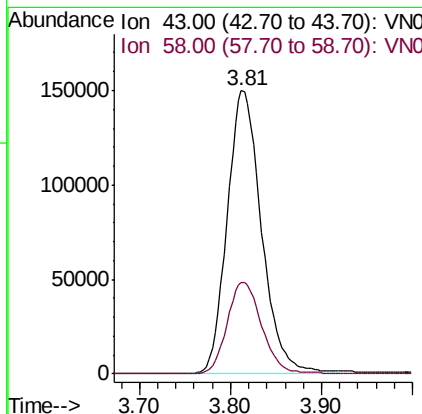
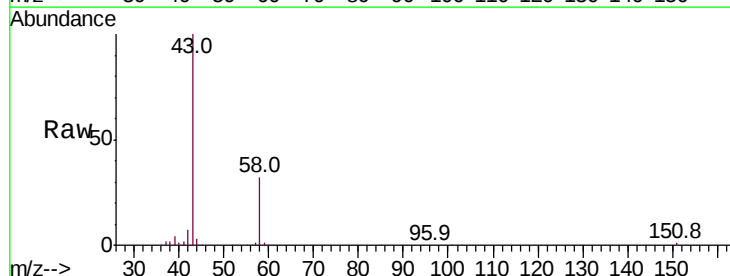
RT: 3.81 min Scan# 634

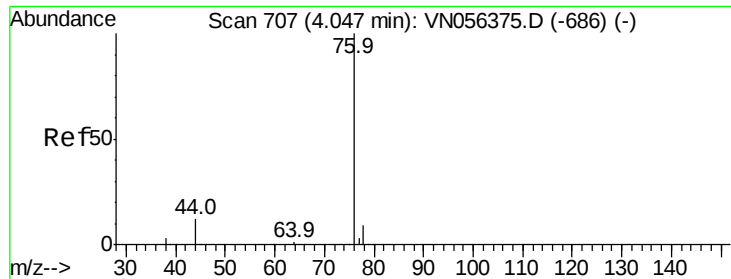
Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion:	43	Resp:	389400
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.4	39.6





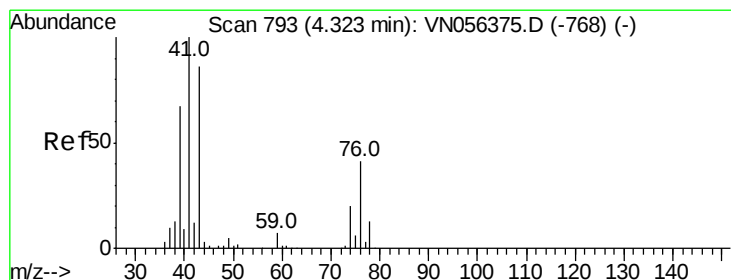
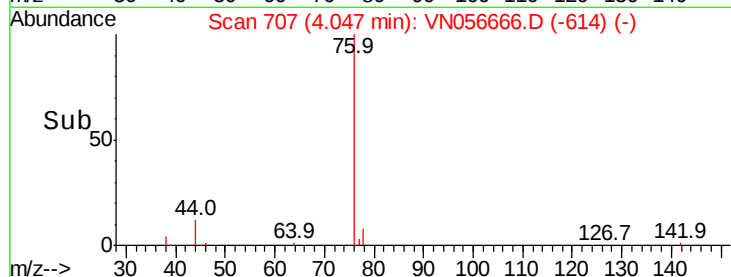
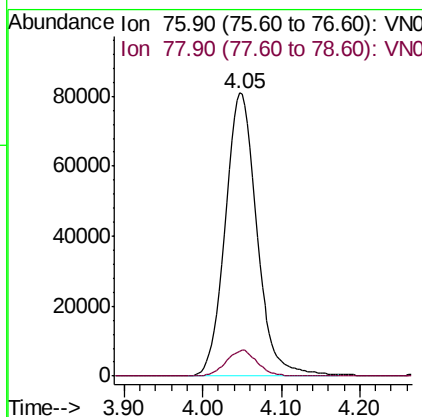
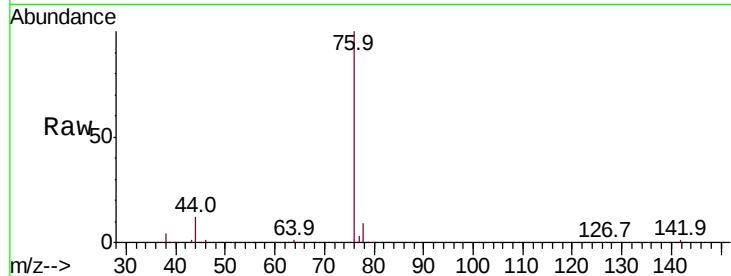
#17
Carbon Disulfide
Concen: 34.965 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 225779
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

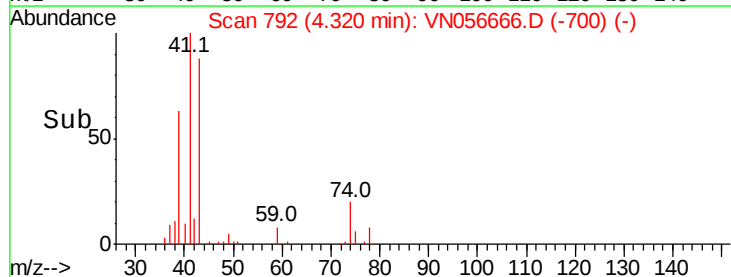
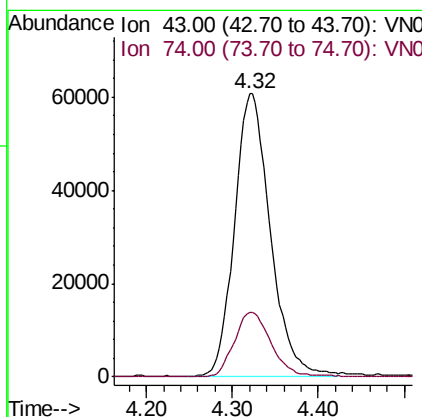
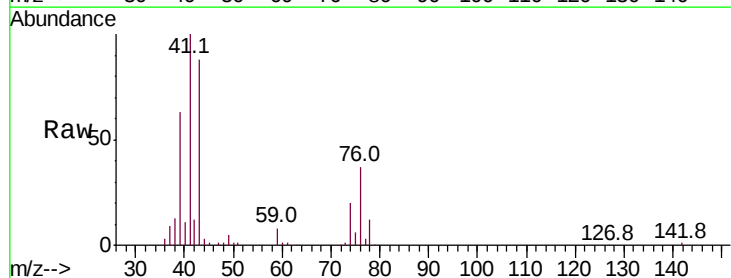
Manual Integrations
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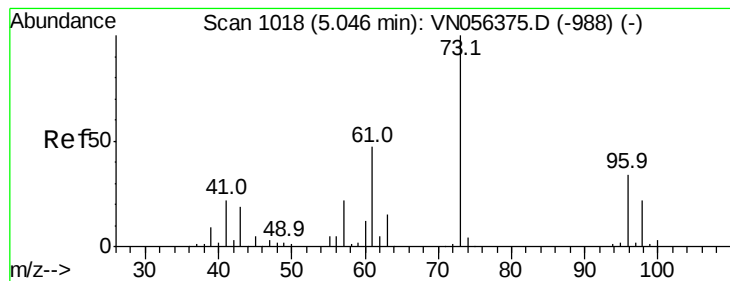
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#18
Methyl Acetate
Concen: 50.500 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 43 Resp: 176478
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8





#19

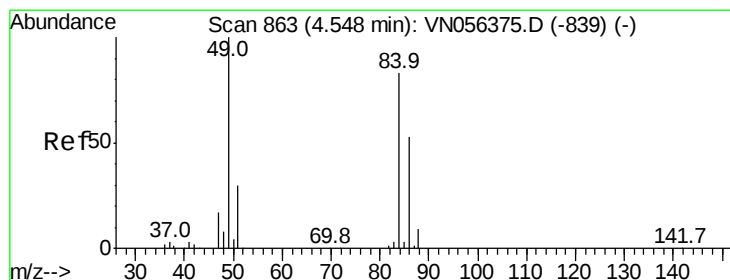
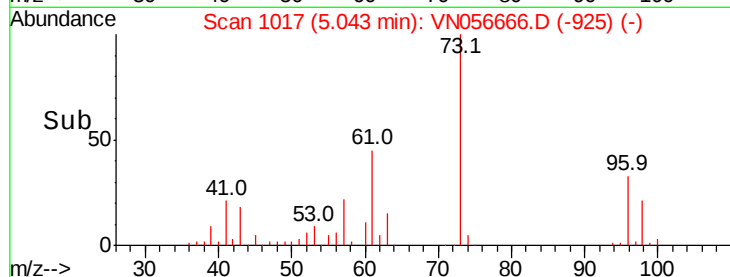
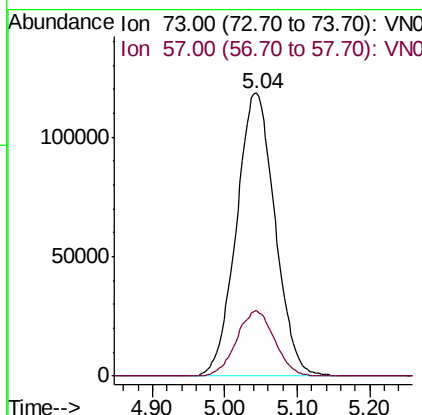
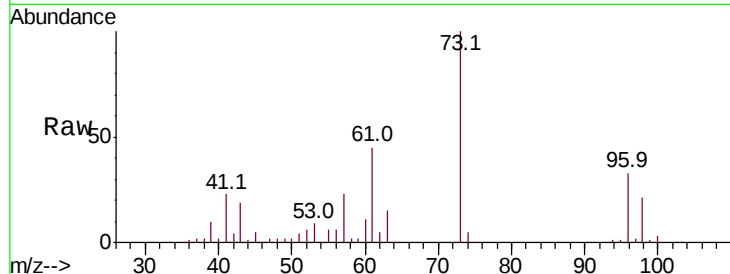
Methyl tert-butyl Ether
 Concen: 46.620 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 73 Resp: 437957
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.9 26.9

Manual Integrations
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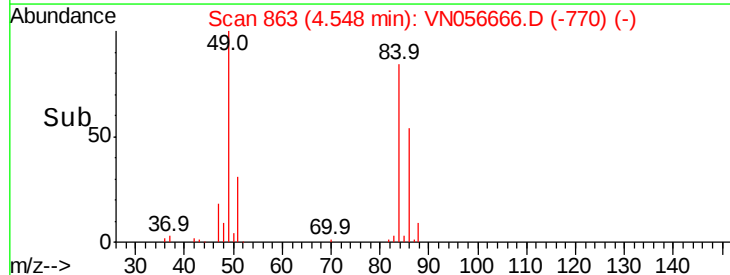
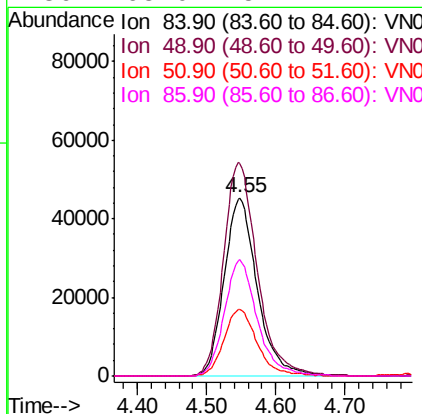
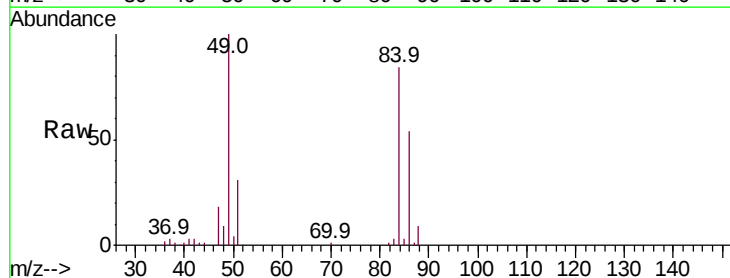
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 7/12/2019 5:32:46 PM

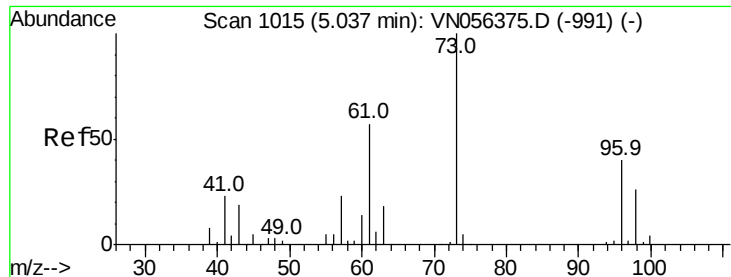


#20

Methylene Chloride
 Concen: 44.814 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion: 84 Resp: 151071
 Ion Ratio Lower Upper
 84 100
 49 119.3 96.4 144.6
 51 37.4 28.6 43.0
 86 65.0 51.4 77.2





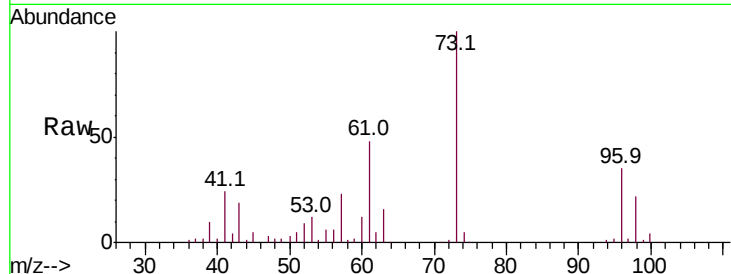
#21
trans-1,2-Dichloroethene
Concen: 42.546 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.8	113.0	169.6
98	62.1	52.2	78.2

Manual Integrations
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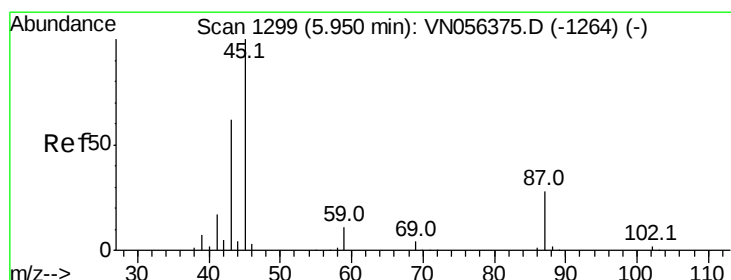
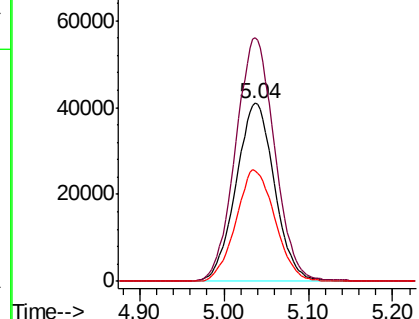
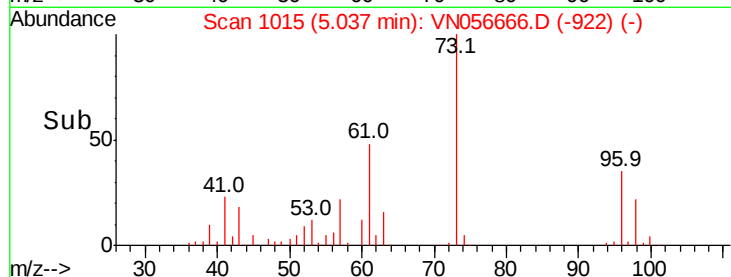


Abundance

Ion 95.90 (95.60 to 96.60): VNO

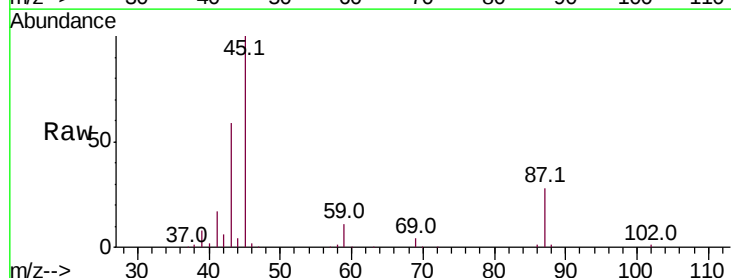
Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22
Diisopropyl ether
Concen: 48.982 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.6	50.4	75.6
87	28.0	23.0	34.4
59	11.1	9.1	13.7



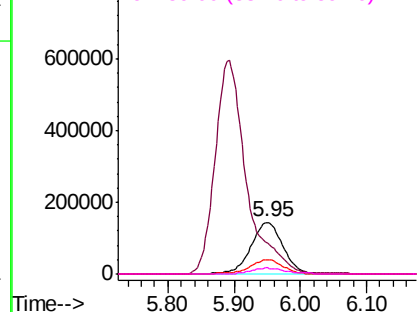
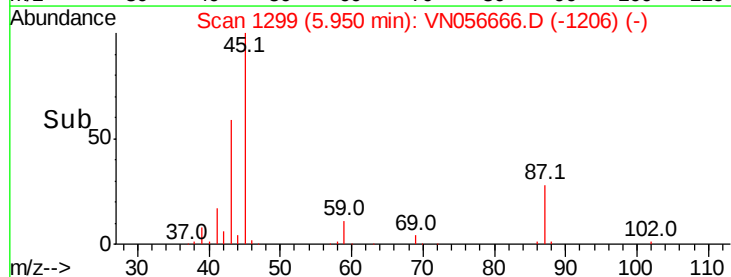
Abundance

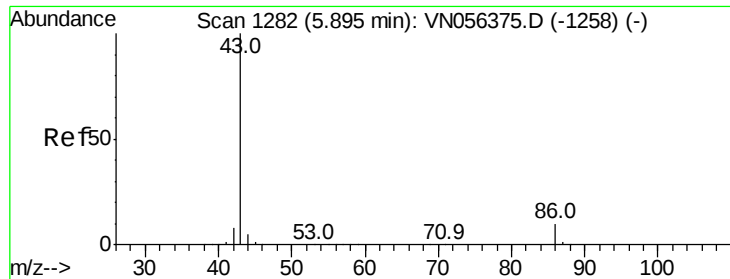
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 250.566 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1961486

Ion Ratio Lower Upper

43 100

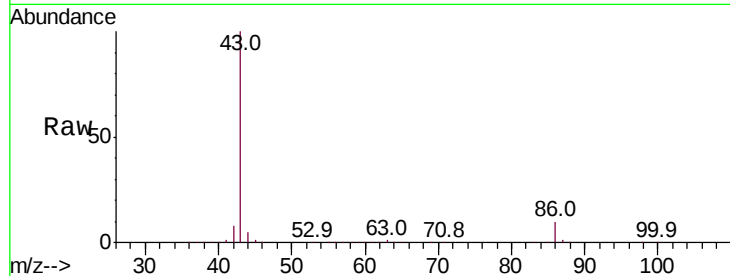
86 10.3 8.3 12.5

Manual Integrations

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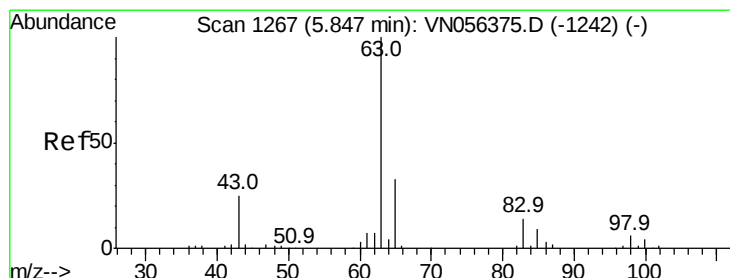
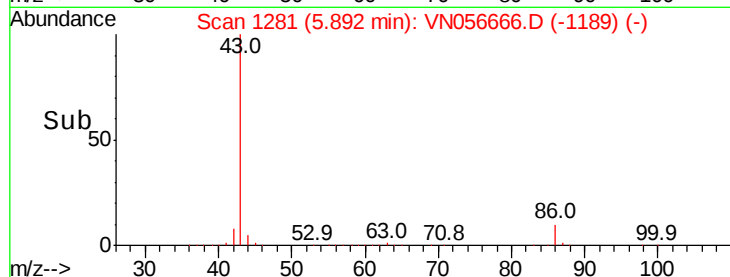
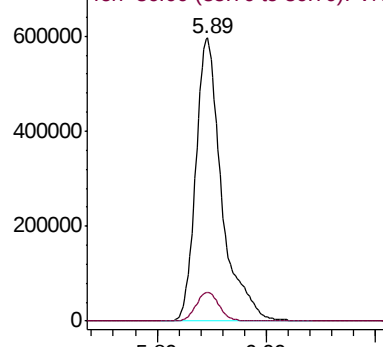
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.061 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

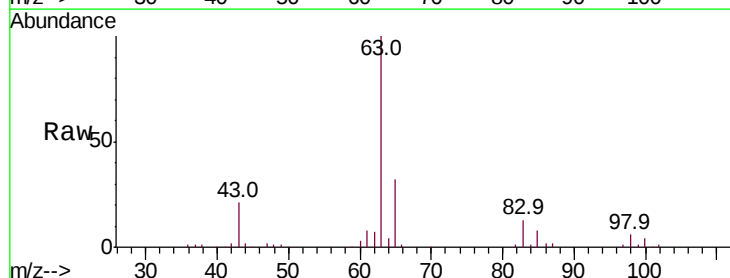
Tgt Ion: 63 Resp: 268121

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

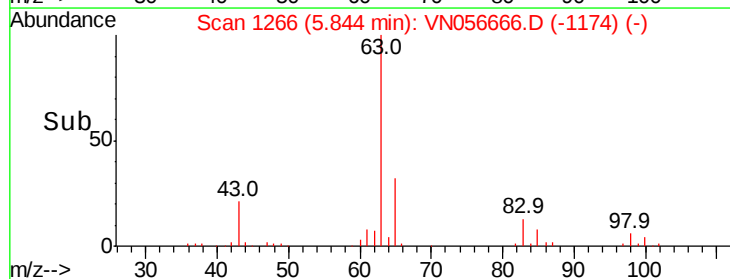
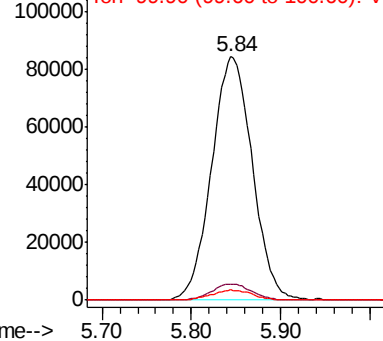
100 4.1 2.1 6.5

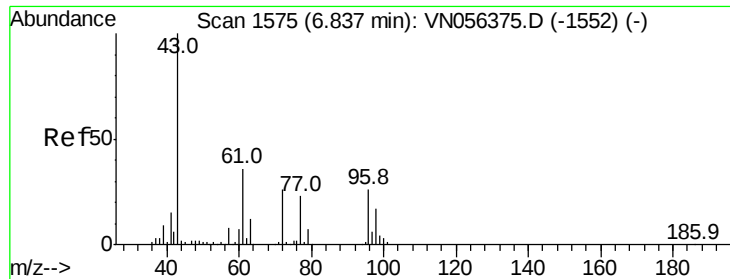


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 241.881 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 571289

Ion Ratio Lower Upper

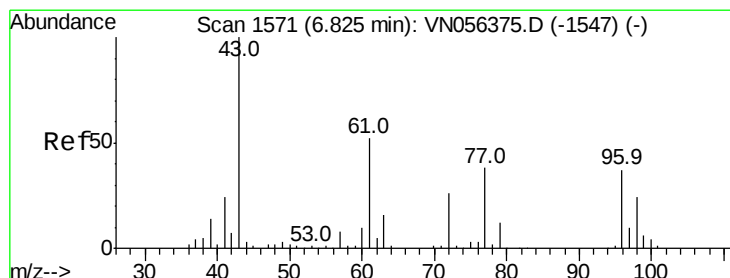
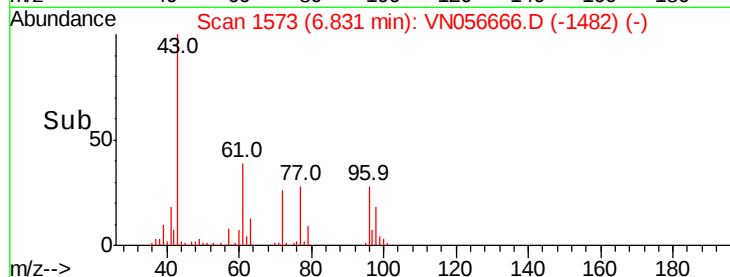
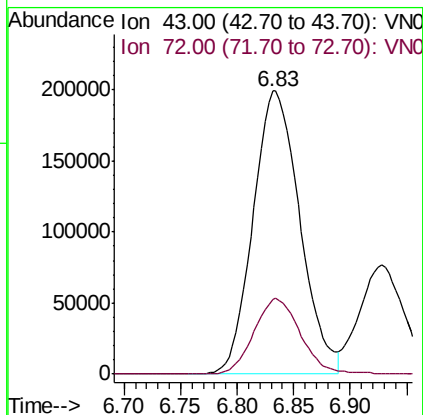
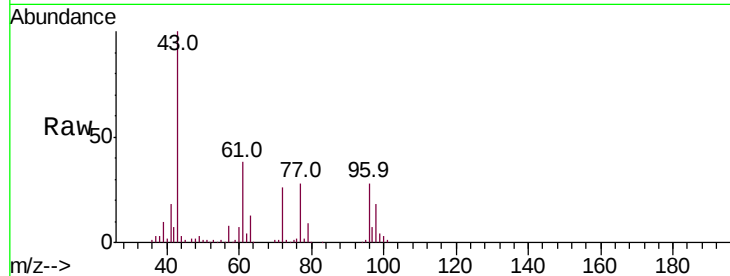
43 100

72 26.3 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 49.630 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN056666.D

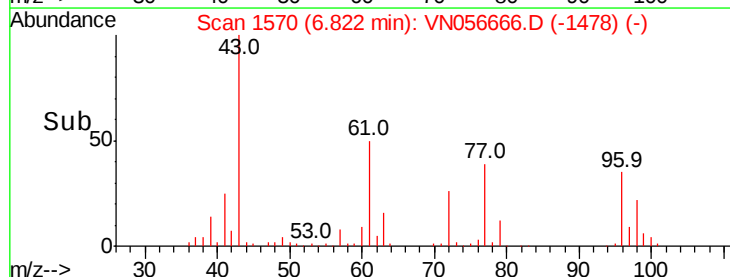
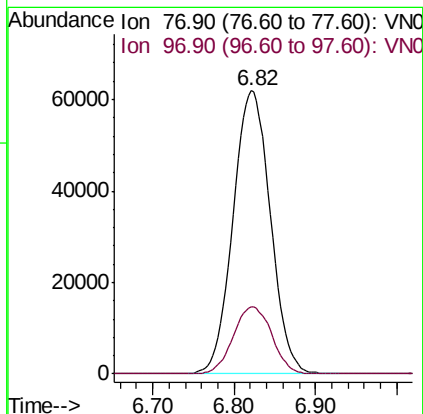
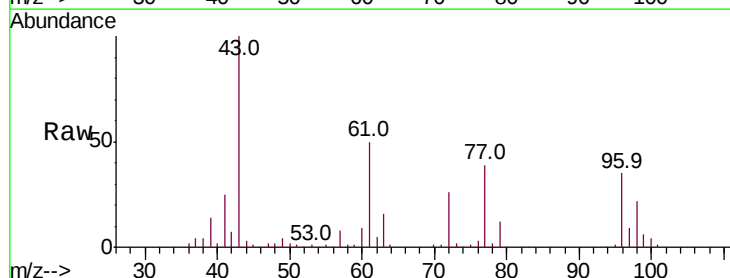
Acq: 11 Jul 2019 15:01

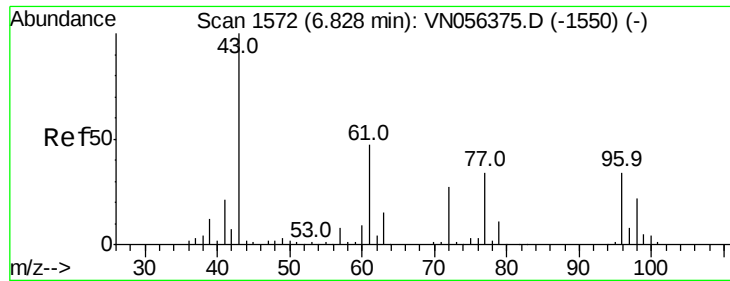
Tgt Ion: 77 Resp: 196661

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.236 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

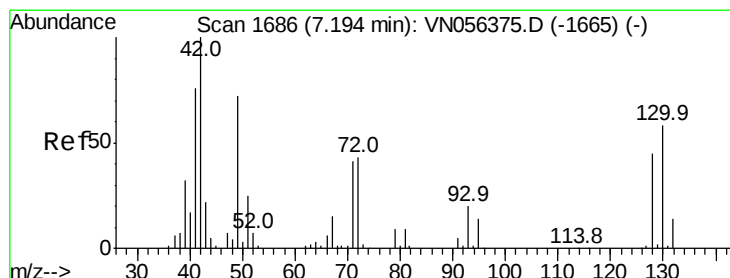
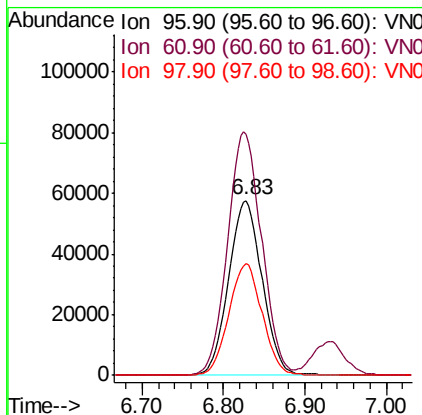
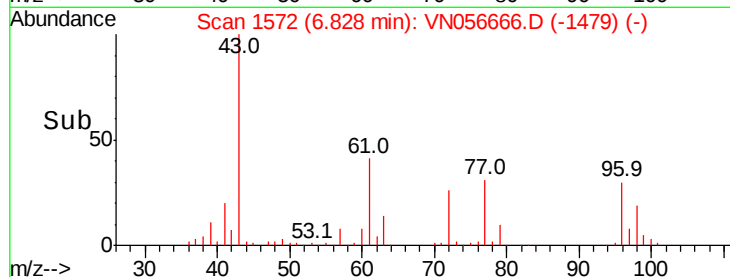
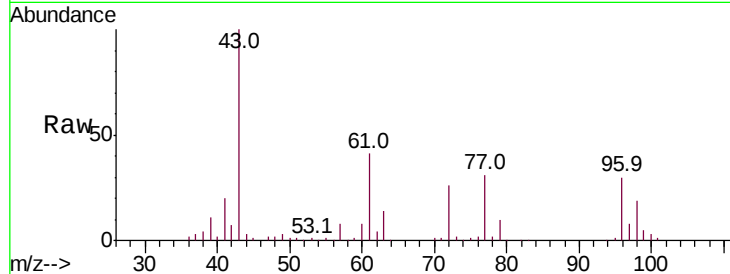
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	165573
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	279.8
98	63.5	0.0	130.0

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#28

Bromochloromethane

Concen: 47.095 ug/l

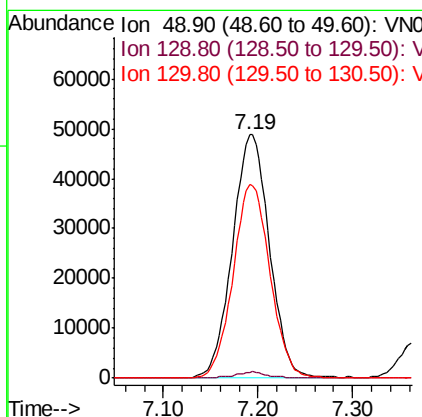
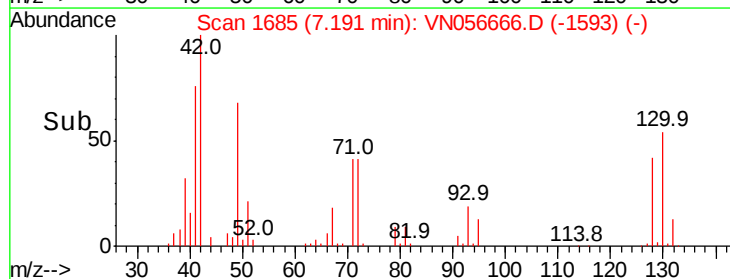
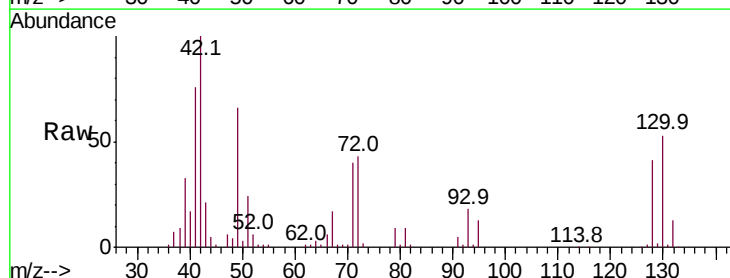
RT: 7.19 min Scan# 1685

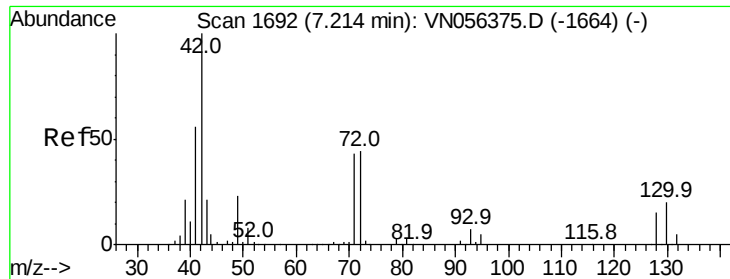
Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion:	49	Resp:	132716
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	79.2	64.9	97.3





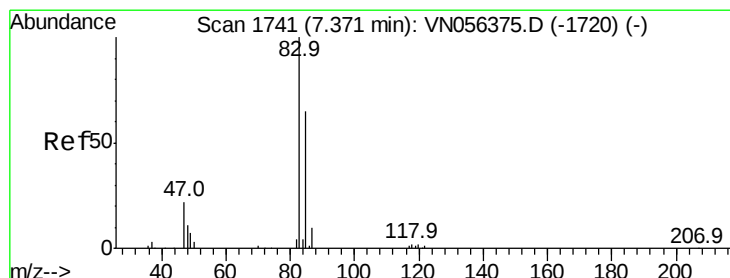
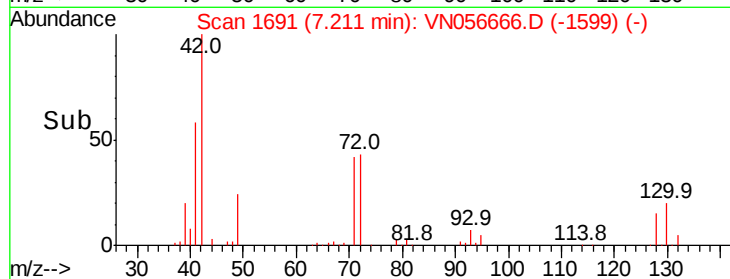
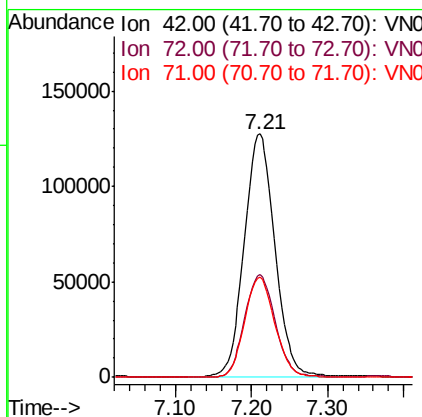
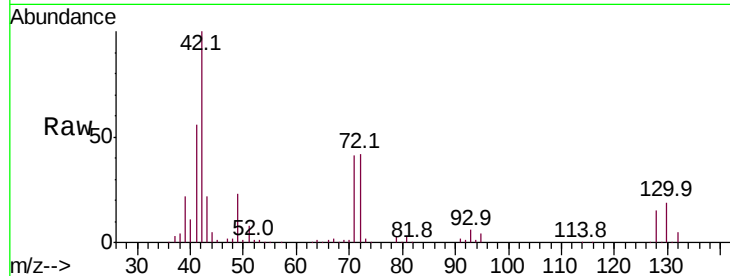
#29
Tetrahydrofuran
Concen: 249.598 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.7	52.1
71	40.5	33.0	49.6

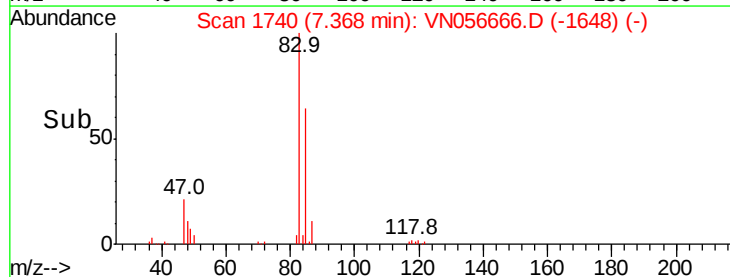
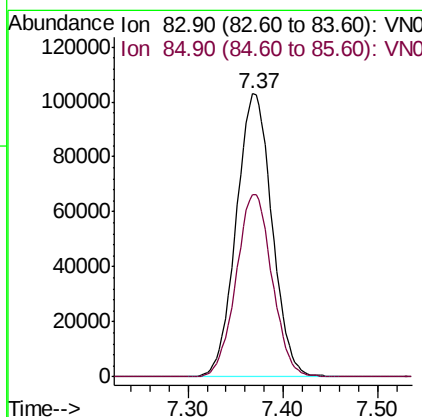
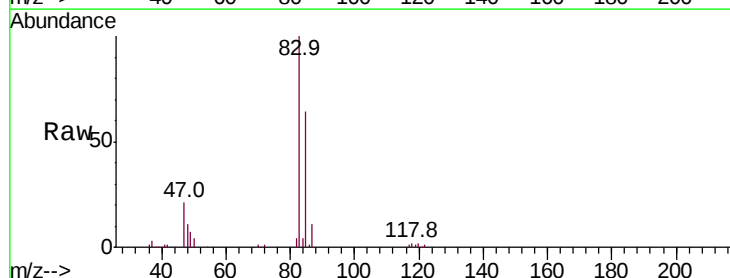
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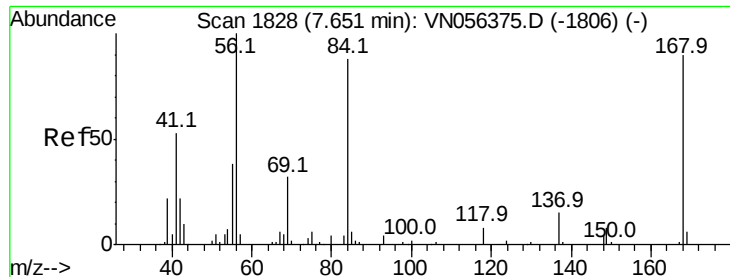
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#30
Chloroform
Concen: 48.104 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.3	78.5





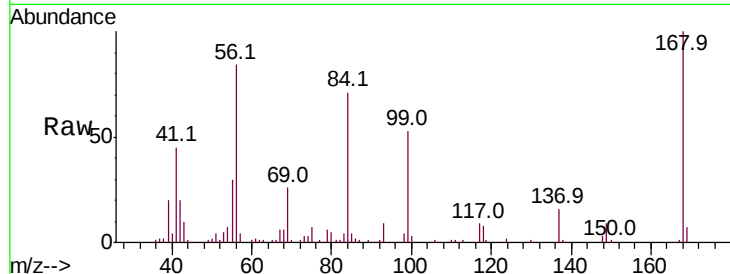
#31
Cyclohexane
Concen: 40.294 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.8	38.6
84	83.9	69.4	104.0

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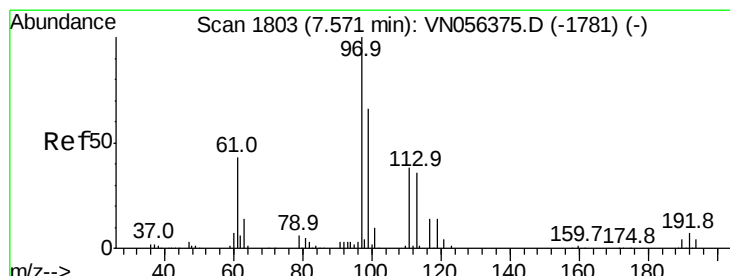
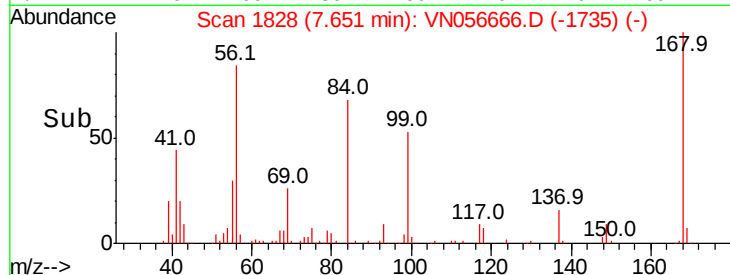
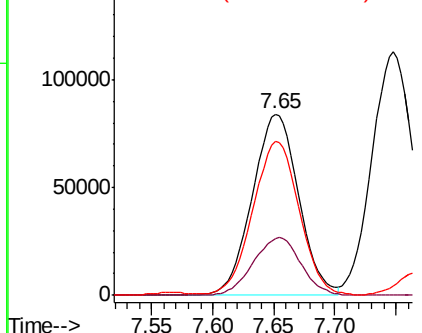


Abundance

Ion 56.00 (55.70 to 56.70): VNO

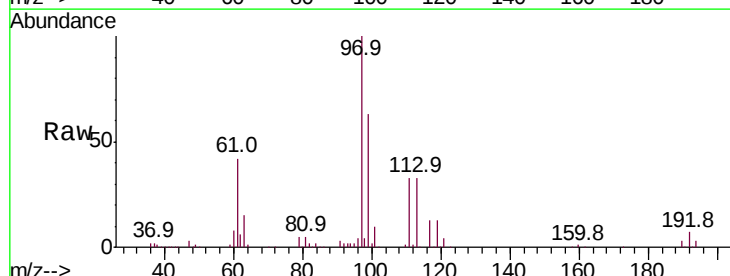
Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32
1,1,1-Trichloroethane
Concen: 48.058 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	42.8	33.9	50.9

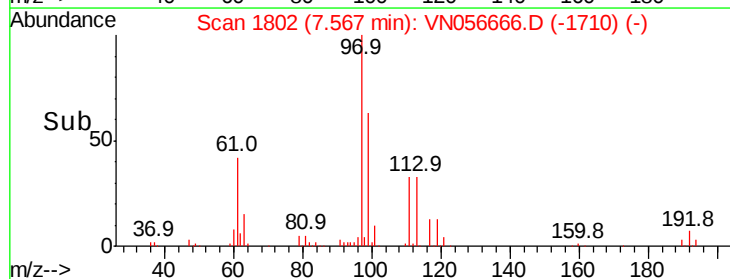
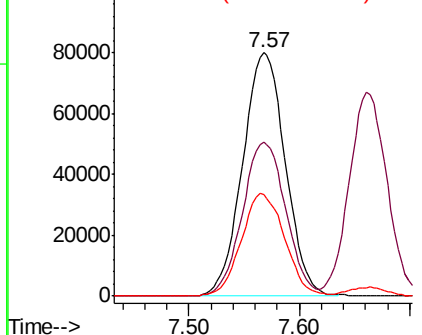


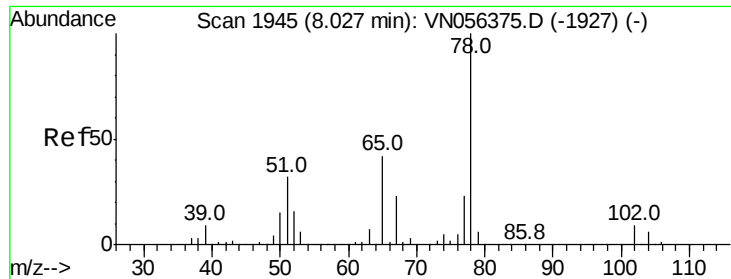
Abundance

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: 46.310 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 164949

Ion Ratio Lower Upper

65 100

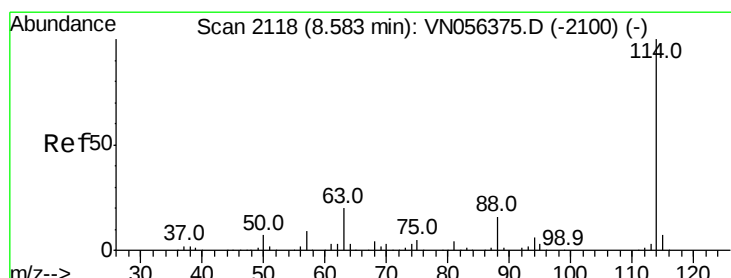
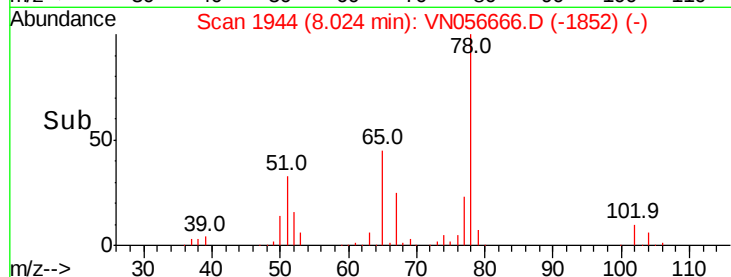
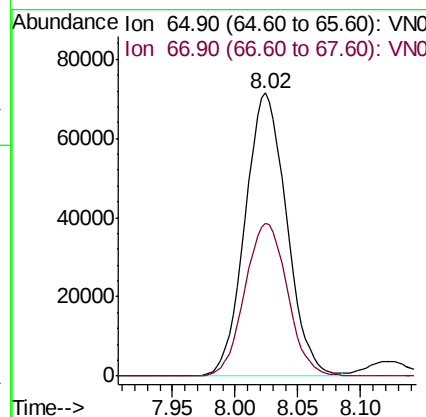
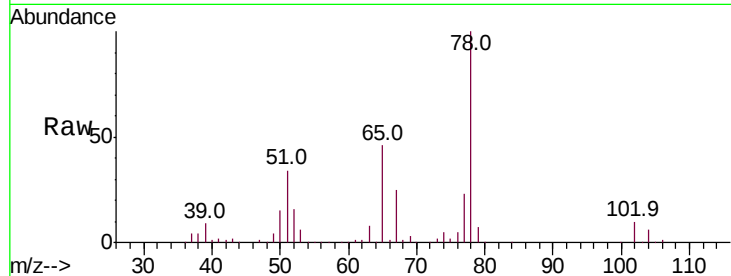
67 55.2 0.0 109.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

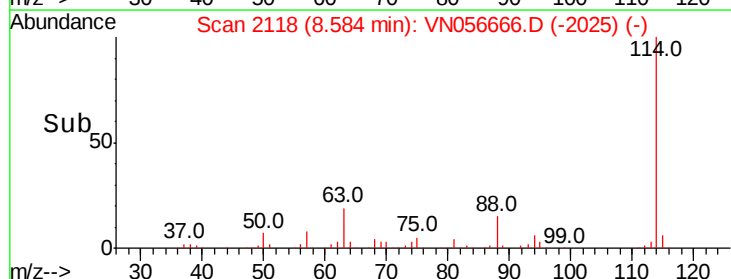
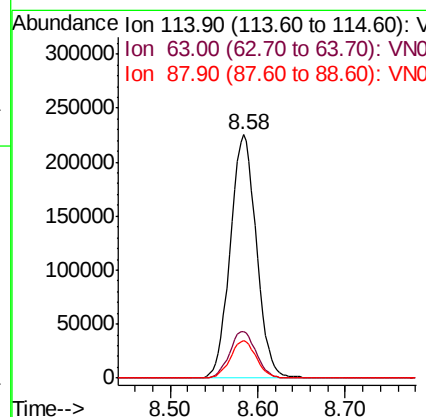
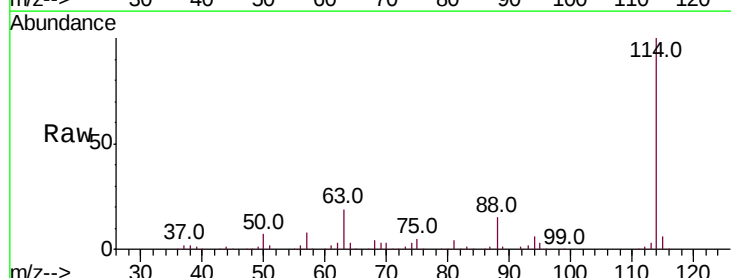
Tgt Ion: 114 Resp: 467632

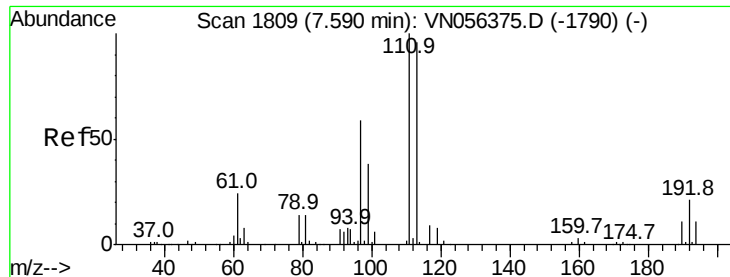
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.4 0.0 31.4





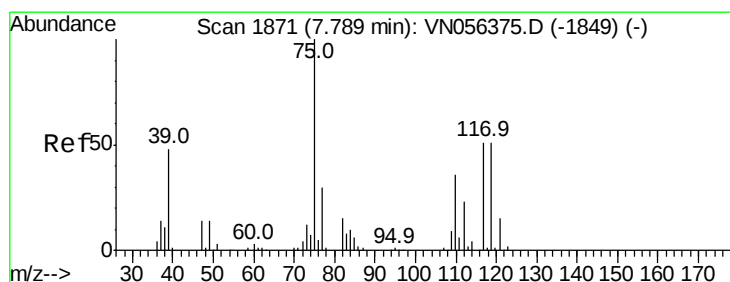
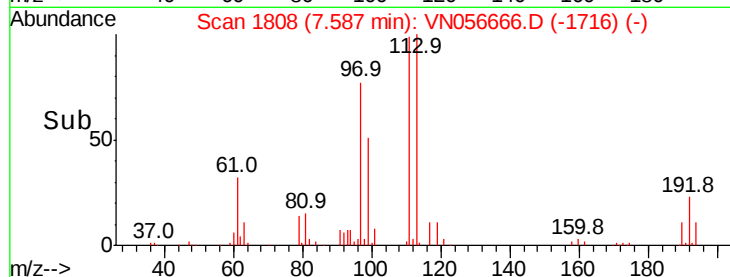
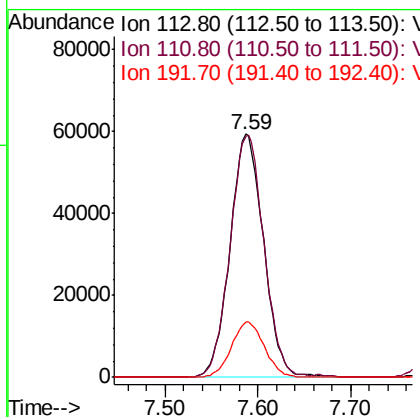
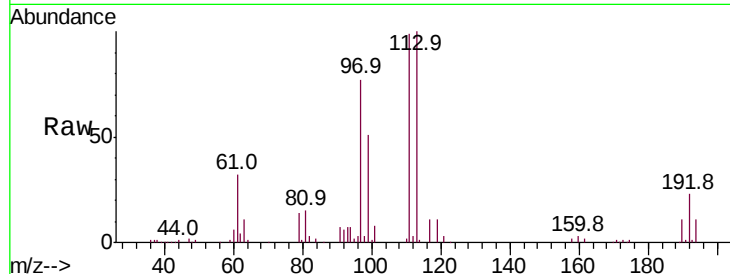
#35
 Dibromofluoromethane
 Concen: 51.088 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.9	124.3
192	22.3	17.7	26.5

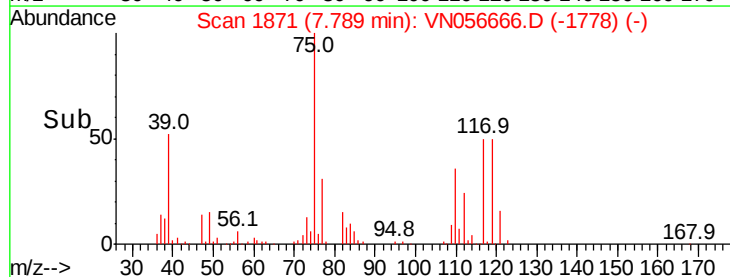
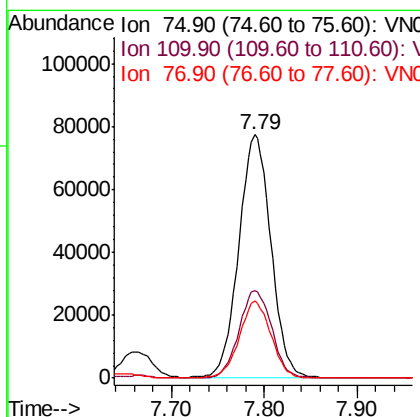
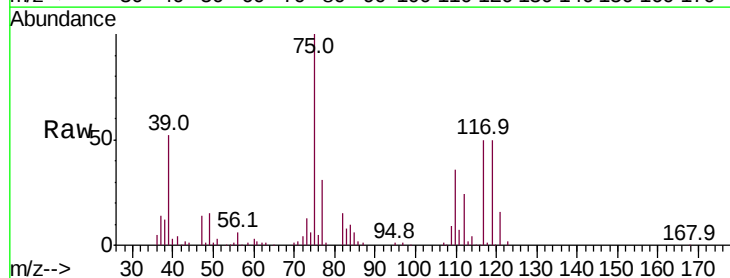
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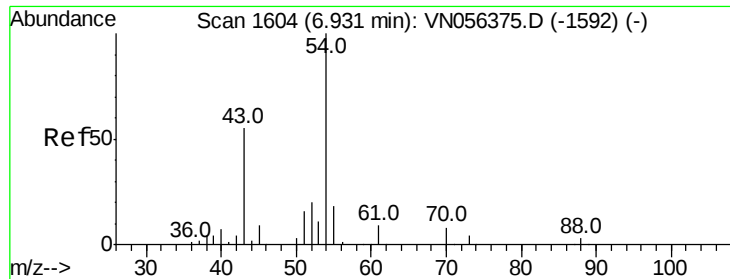
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#36
 1,1-Dichloropropene
 Concen: 44.986 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.3
77	31.4	24.6	36.8





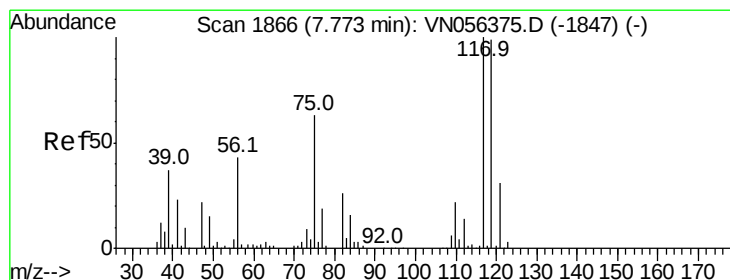
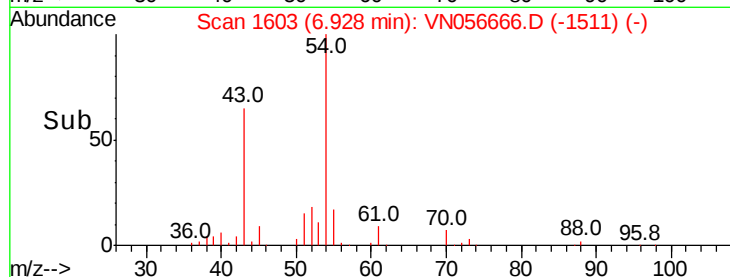
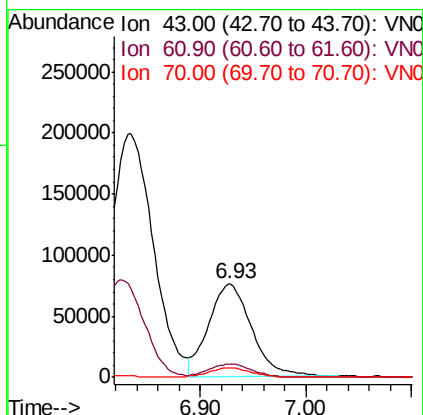
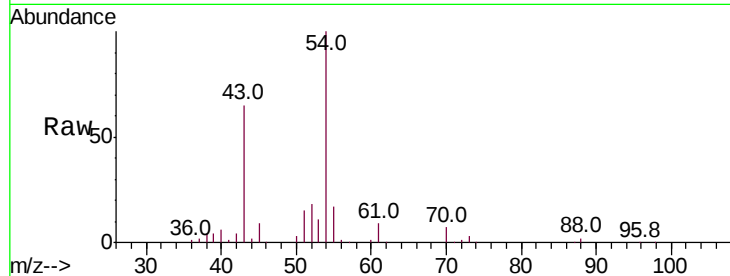
#37
Ethyl Acetate
Concen: 53.258 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	14.5	10.3
Lower		11.1	8.3
Upper		16.7	12.5

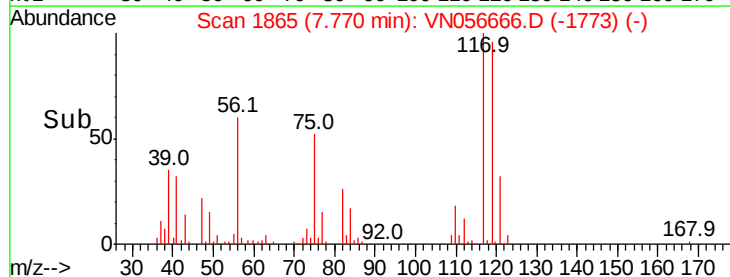
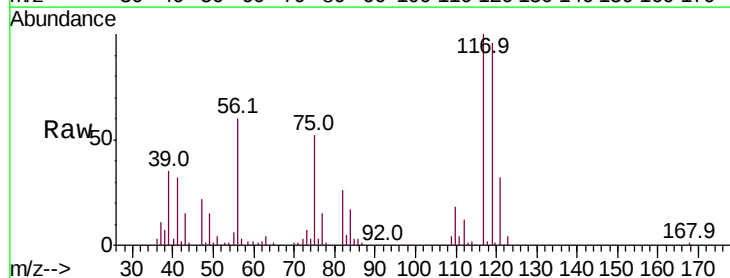
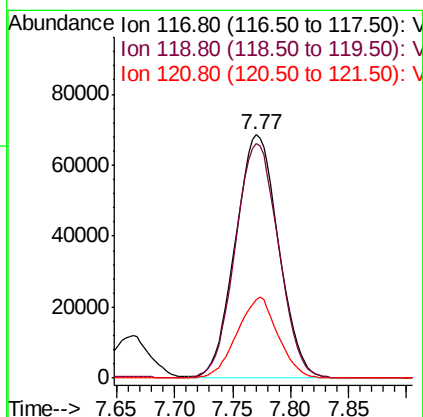
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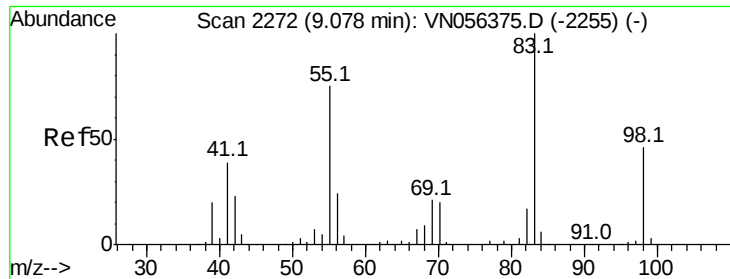
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#38
Carbon Tetrachloride
Concen: 49.171 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	96.1	32.3
Lower		79.1	24.8
Upper		118.7	37.2





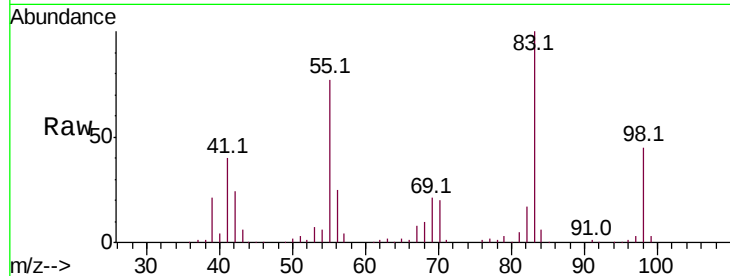
#39
Methvlcvclohexane
Concen: 44.086 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.0	90.0
98	45.2	36.6	54.8

Manual Integrations
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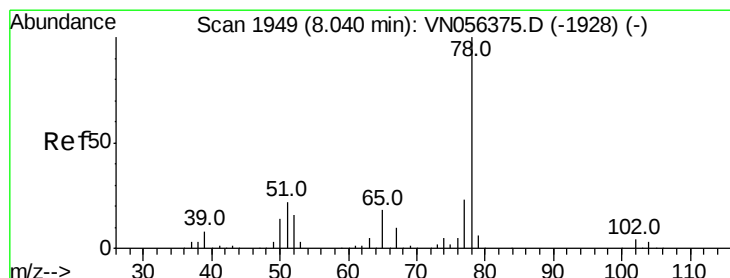
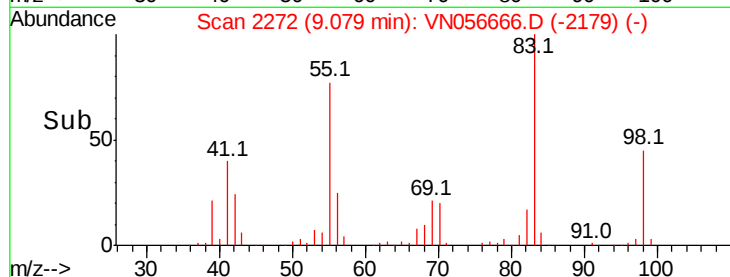
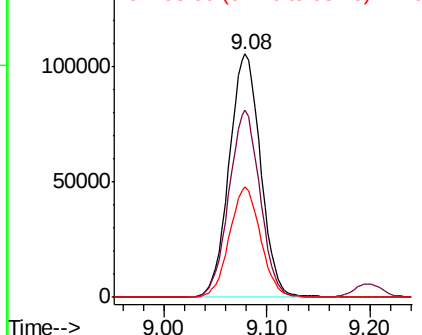


Abundance

Ion 83.00 (82.70 to 83.70): VN0

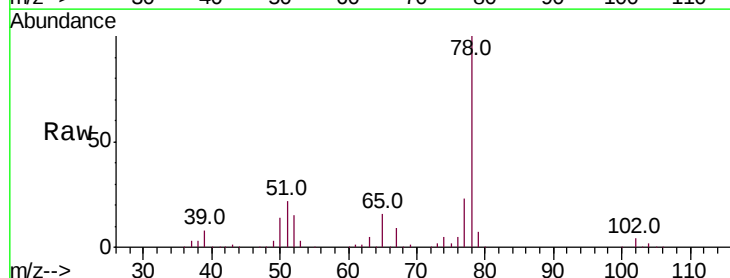
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 47.265 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

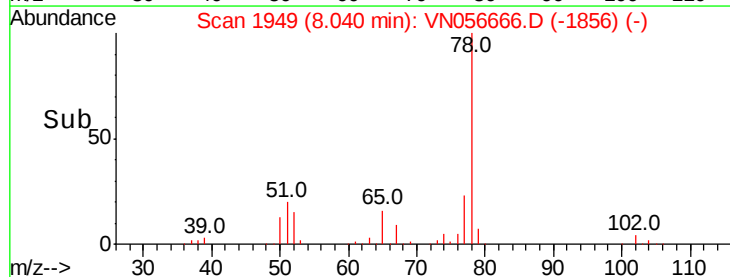
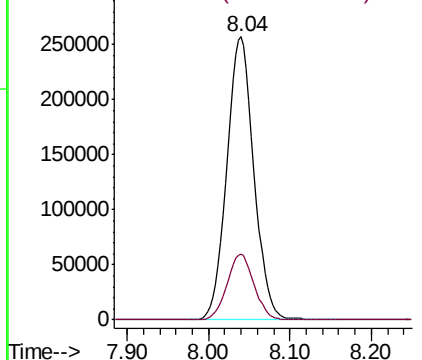
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5

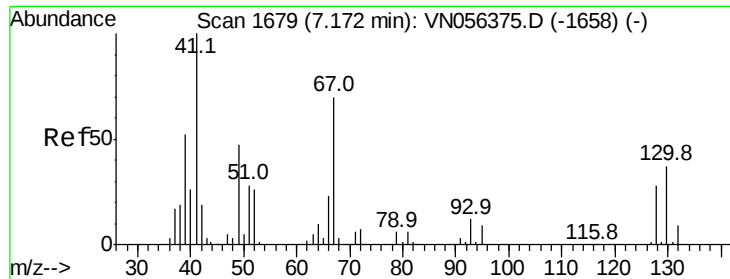


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 50.168 ug/l m

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 89609

Ion Ratio Lower Upper

41 100

39 0.0 55.3 82.9#

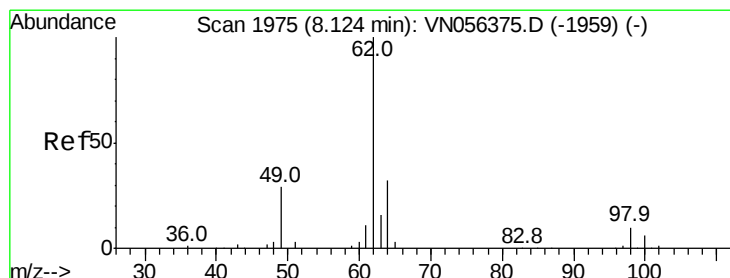
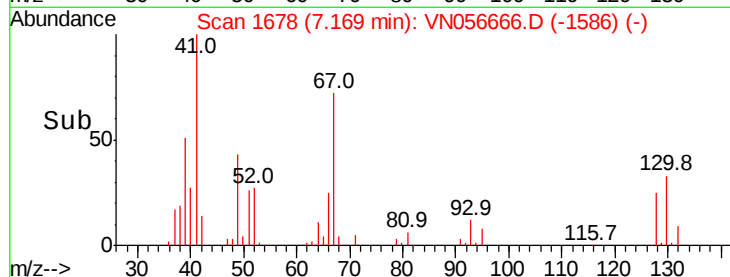
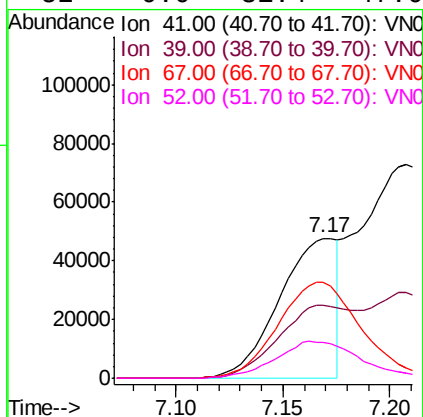
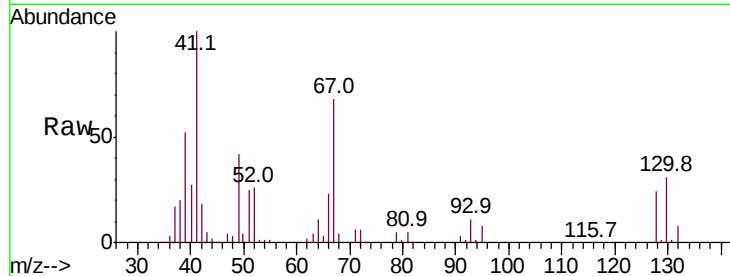
67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.732 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN056666.D

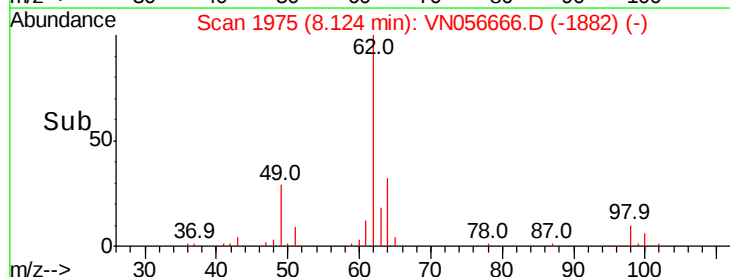
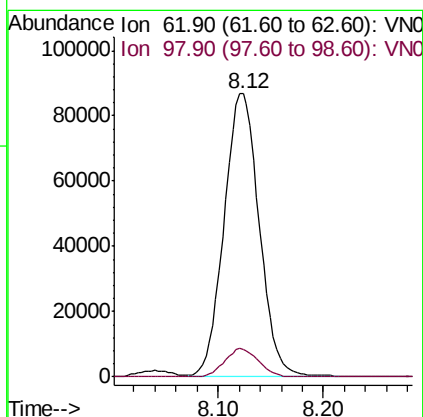
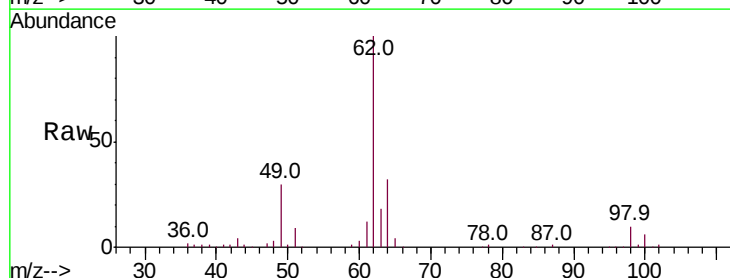
Acq: 11 Jul 2019 15:01

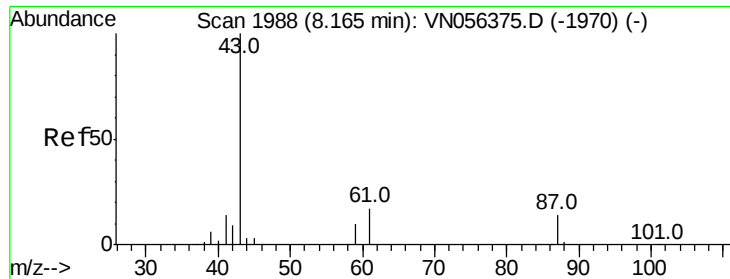
Tgt Ion: 62 Resp: 199440

Ion Ratio Lower Upper

62 100

98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.396 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

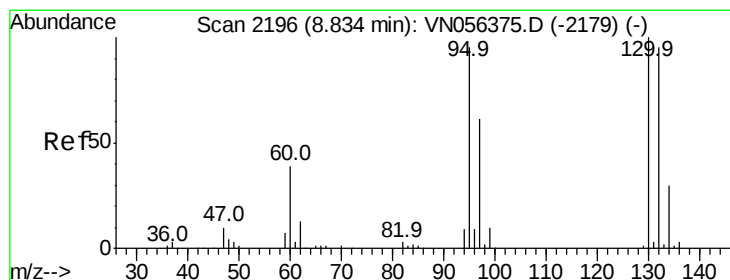
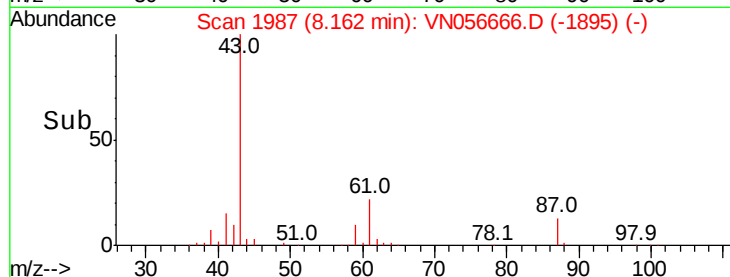
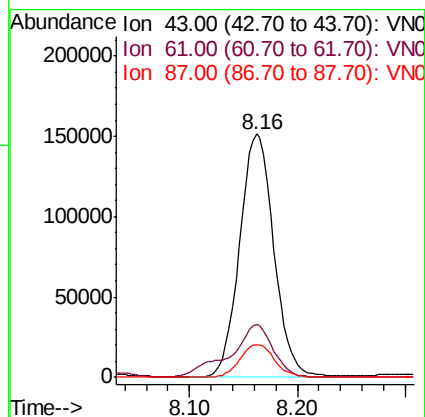
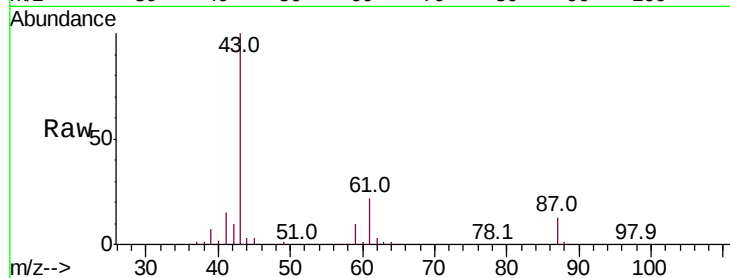
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	333042
Ion Ratio	Lower	Upper	
43	100		
61	27.2	22.0	33.0
87	13.7	11.0	16.4

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#44

Trichloroethene

Concen: 47.509 ug/l

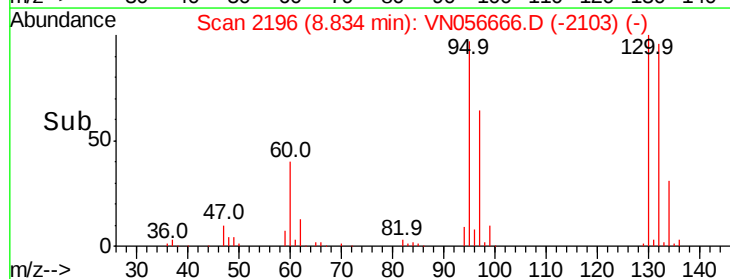
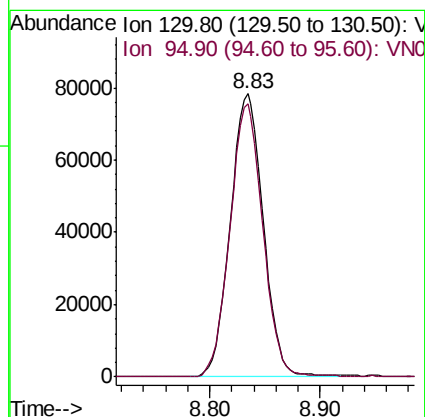
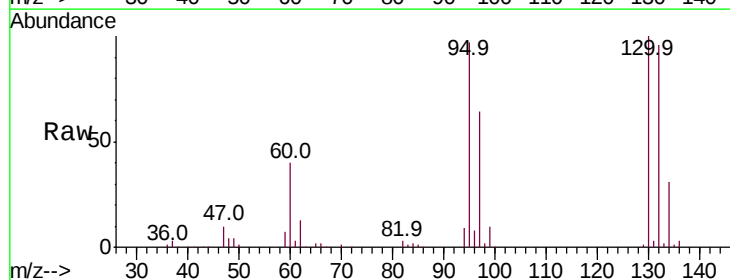
RT: 8.83 min Scan# 2196

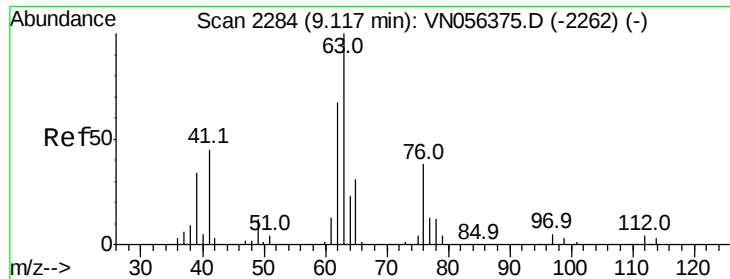
Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion:	130	Resp:	162032
Ion Ratio	Lower	Upper	
130	100		
95	96.7	0.0	191.0





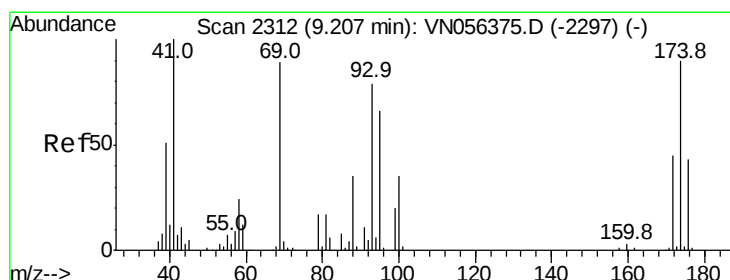
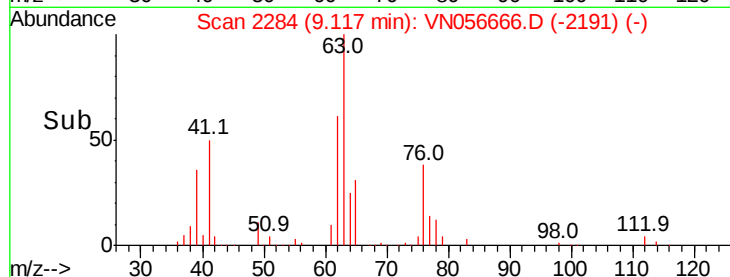
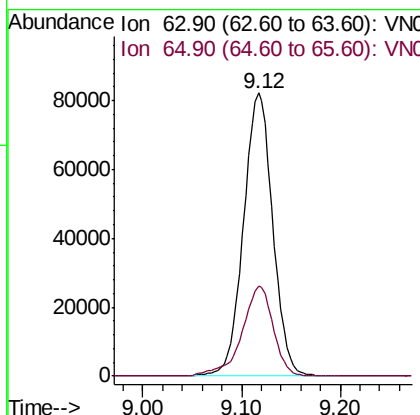
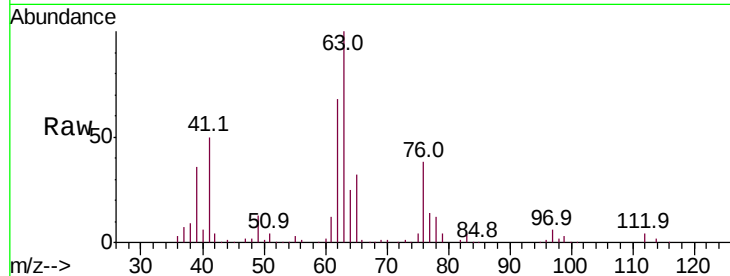
#45
1,2-Dichloropropane
Concen: 49.632 ug/l
RT: 9.12 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 63 Resp: 168051
Ion Ratio Lower Upper
63 100
65 31.8 25.0 37.6

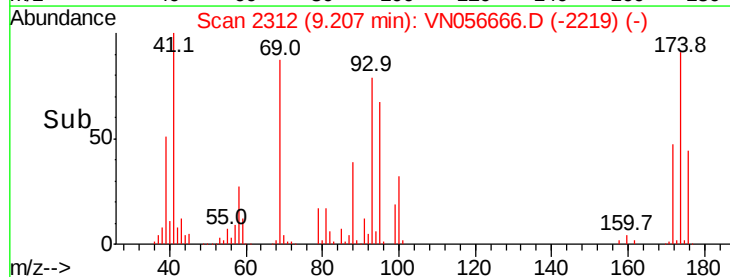
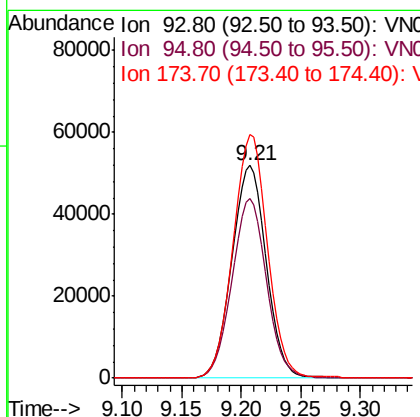
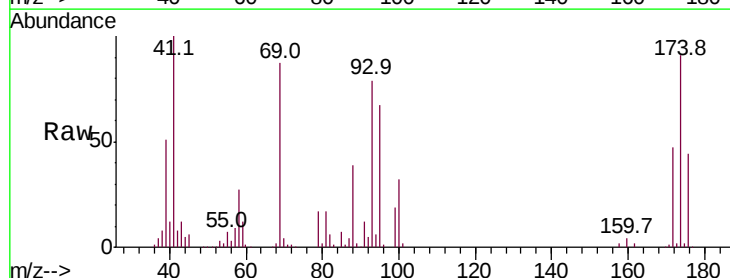
Manual Integrations
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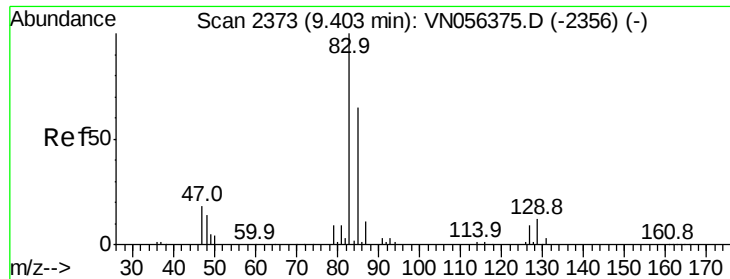
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#46
Dibromomethane
Concen: 49.191 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 93 Resp: 104205
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.2
174 114.4 90.8 136.2





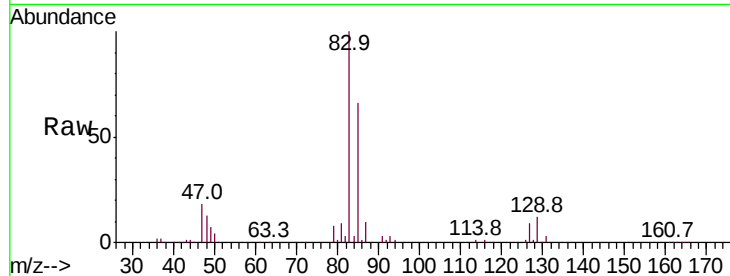
#47
Bromodichloromethane
Concen: 53.793 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

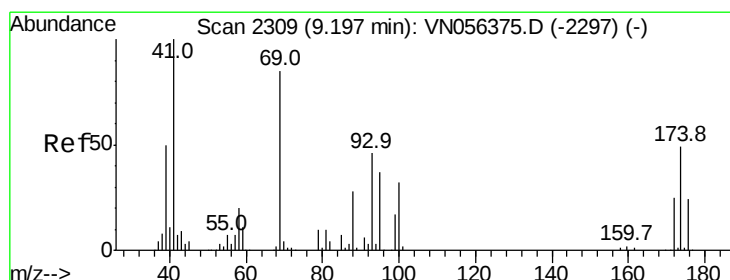
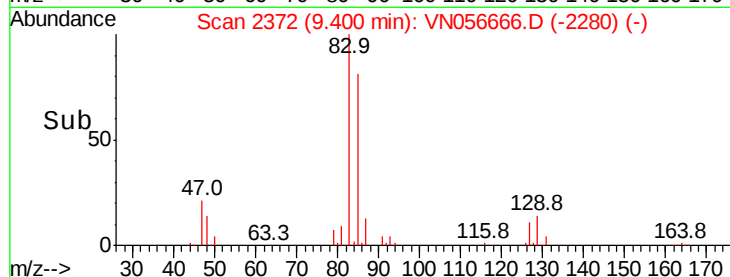
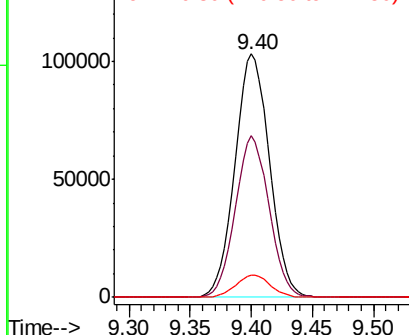
Tot Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.2	78.4
127	9.2	7.3	10.9

Manual Integrations
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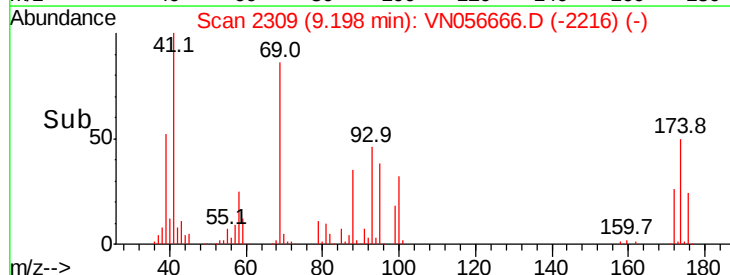
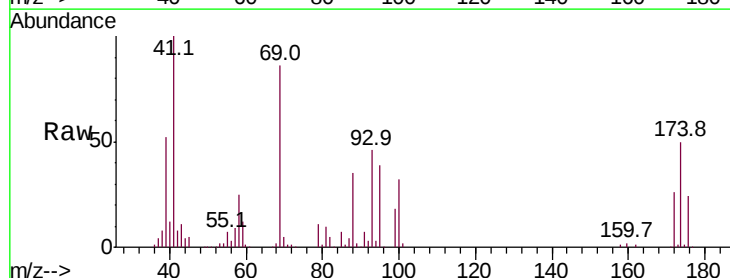
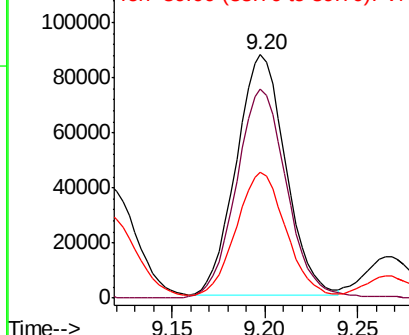
Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

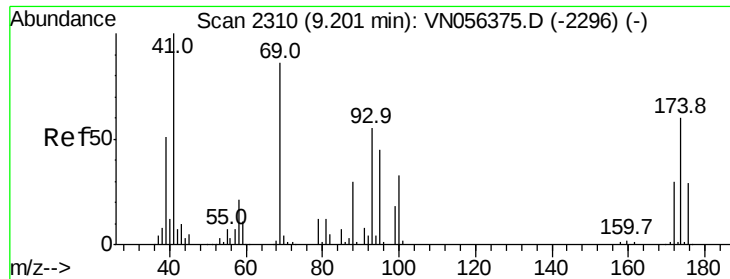


#48
Methyl methacrylate
Concen: 51.743 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.4	72.6	109.0
39	53.1	42.6	63.8

Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





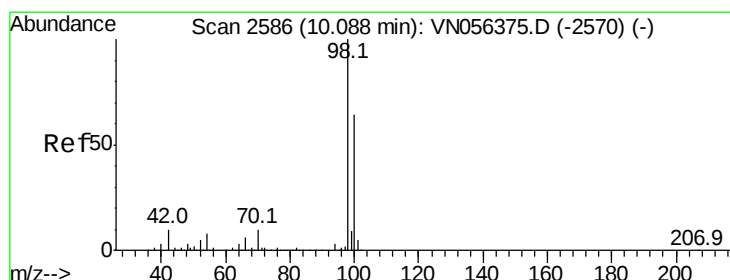
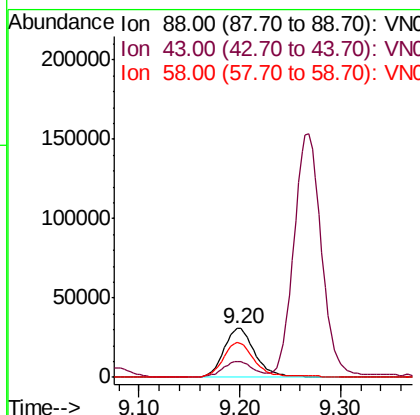
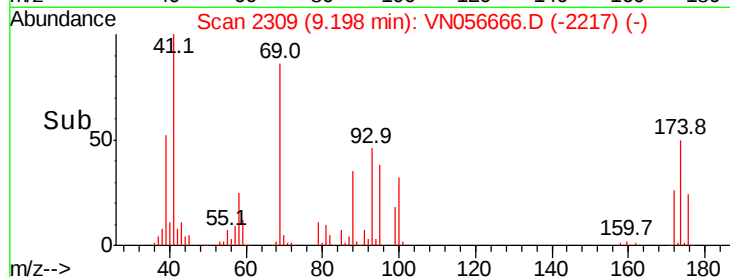
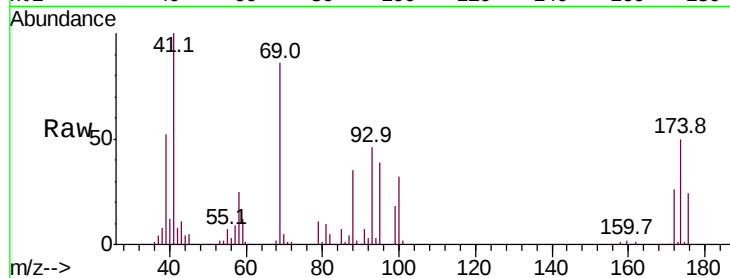
#49
1,4-Dioxane
Concen: 1044.817 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.0	33.0
58	69.5	51.8	77.8

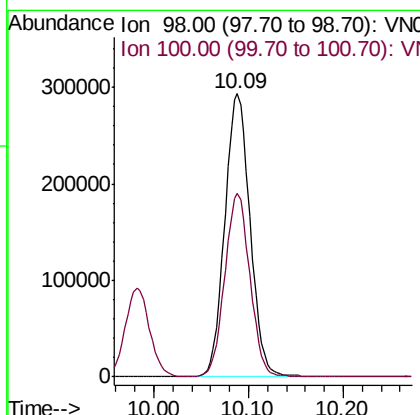
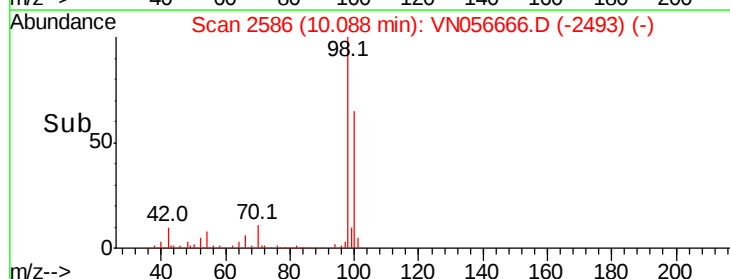
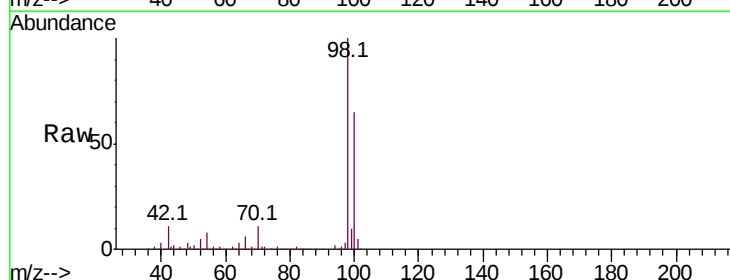
Manual Integrations
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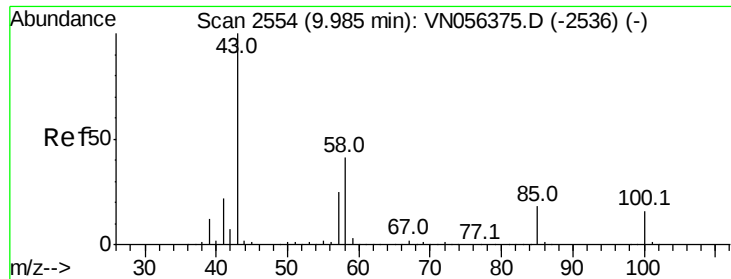
MMDadoda
7/12/2019 5:32:46 PM



#50
Toluene-d8
Concen: 47.930 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 275.019 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1107151

Ion Ratio Lower Upper

43 100

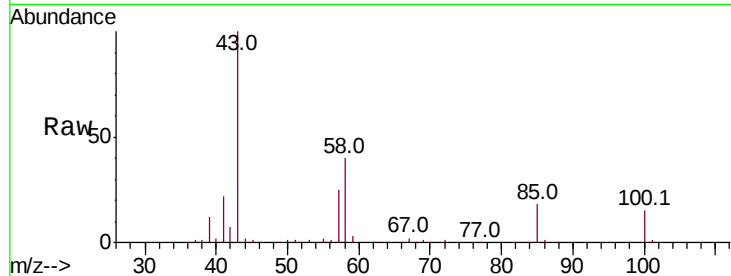
58 39.9 31.8 47.8

Manual Integrations

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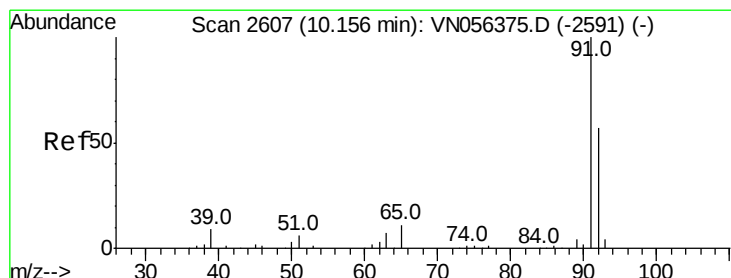
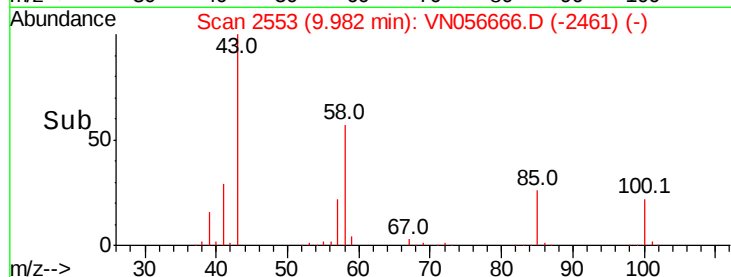
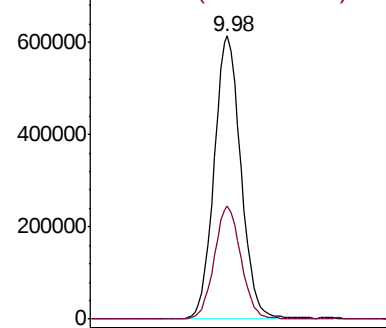
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.377 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056666.D

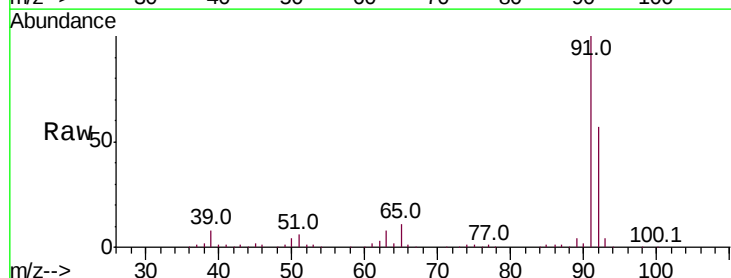
Acq: 11 Jul 2019 15:01

Tgt Ion: 92 Resp: 374465

Ion Ratio Lower Upper

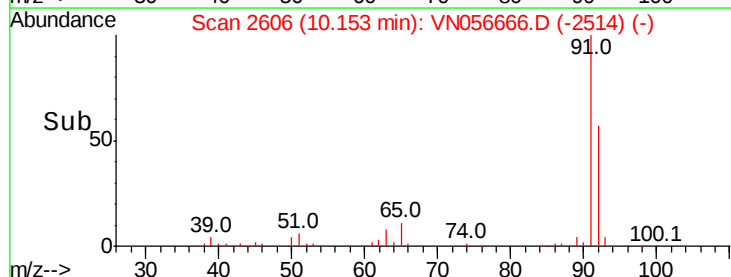
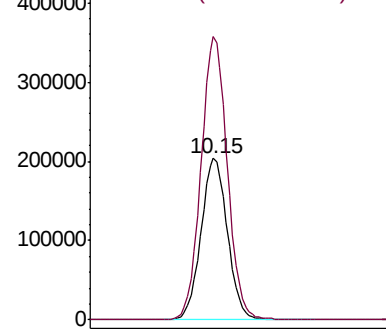
92 100

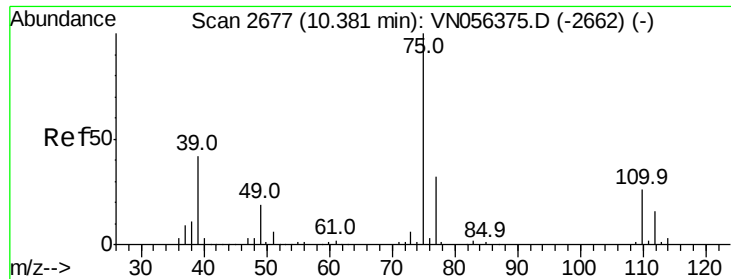
91 173.8 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





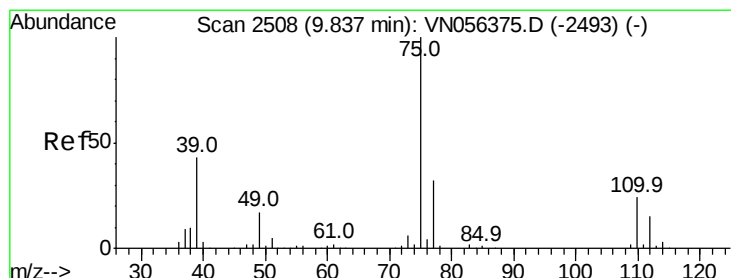
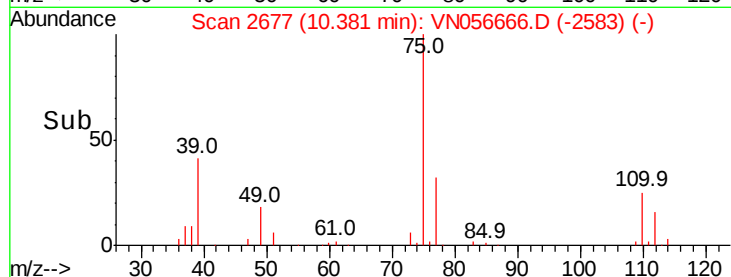
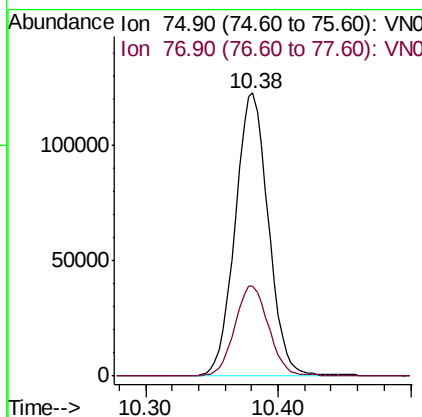
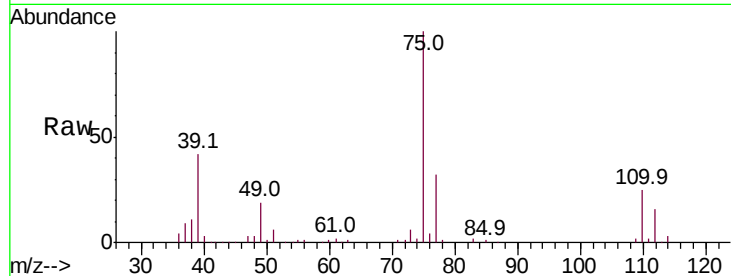
#53
t-1,3-Dichloropropene
Concen: 48.832 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 213373
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

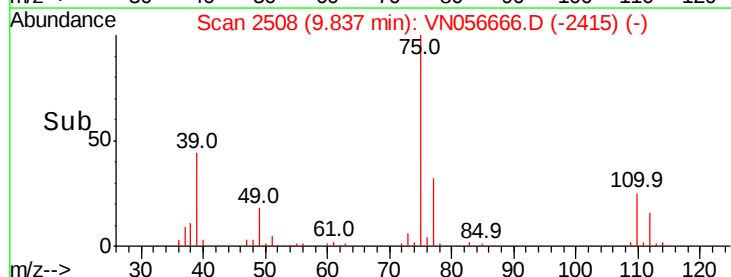
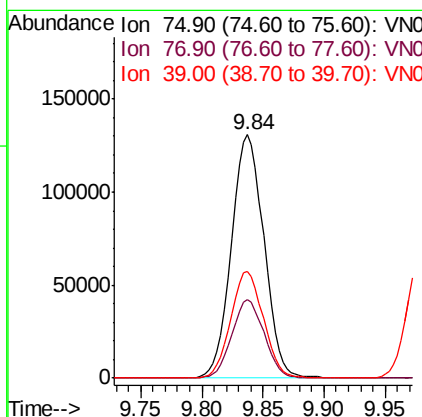
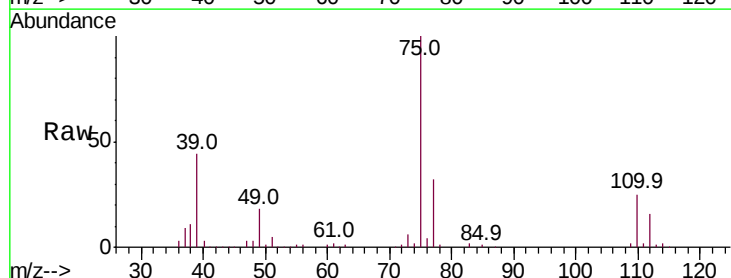
Manual Integrations
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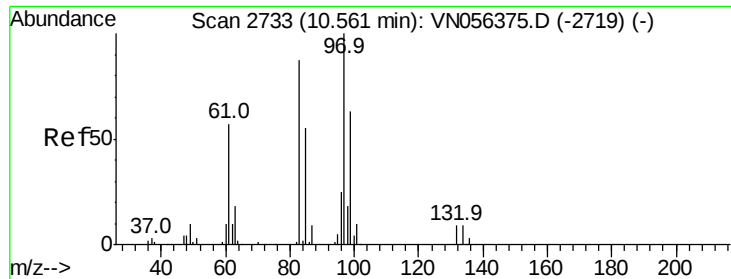
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#54
cis-1,3-Dichloropropene
Concen: 53.737 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 75 Resp: 243131
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 43.8 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 51.609 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

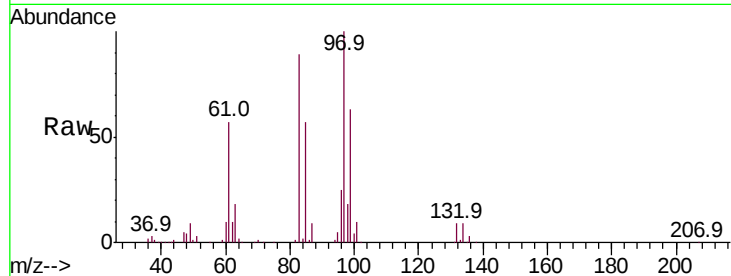
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	160575		
83	88.6	69.8	104.6	
85	56.9	43.8	65.8	
99	63.3	50.2	75.2	

Manual Integrations
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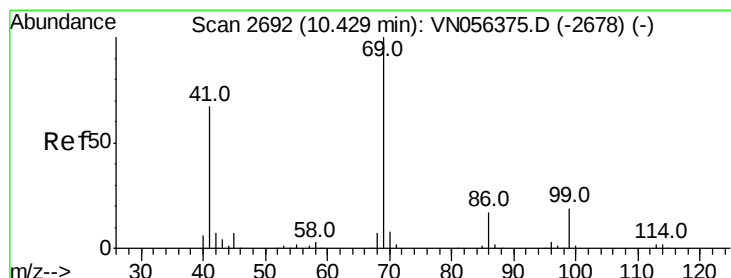
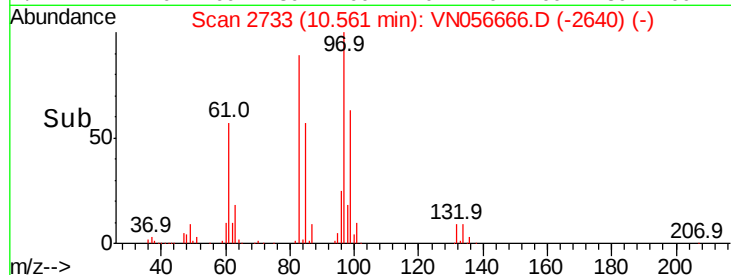
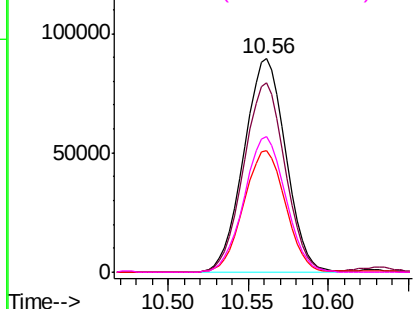
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.666 ug/l

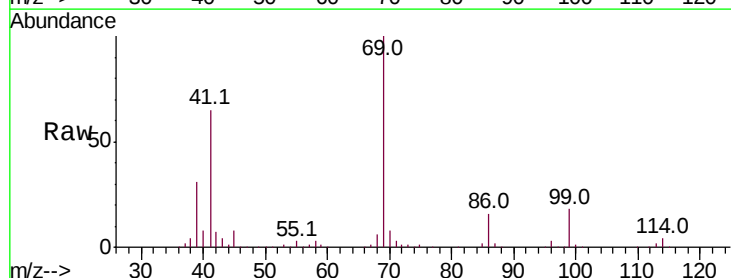
RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	244022		
41	64.3	51.4	77.2	
39	30.2	24.7	37.1	

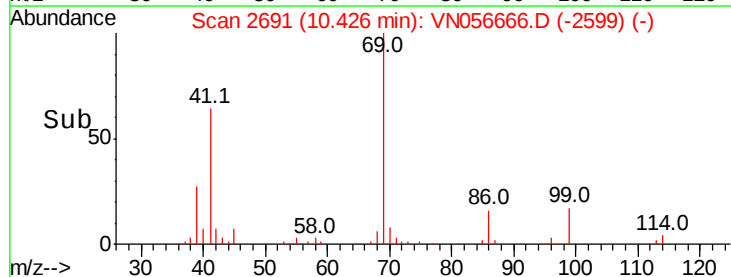
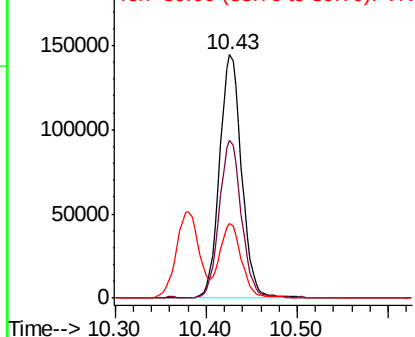


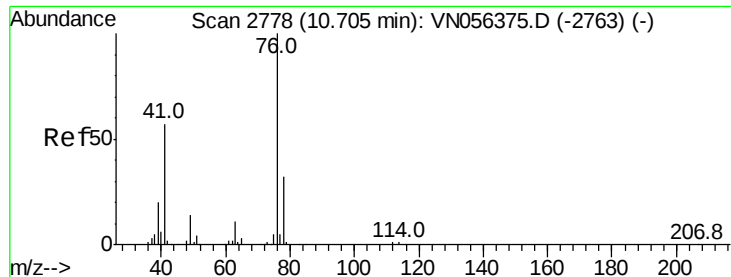
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 50.639 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 264687

Ion Ratio Lower Upper

76 100

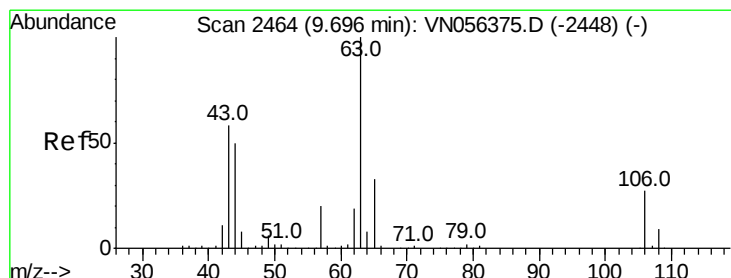
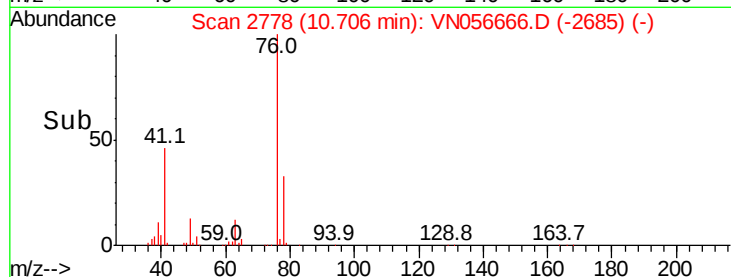
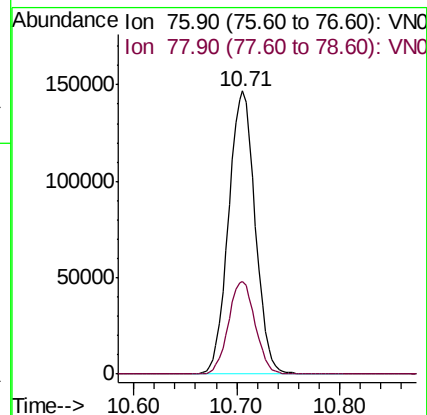
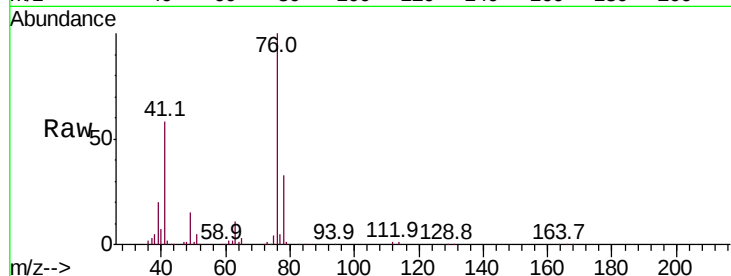
78 32.9 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 377.091 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056666.D

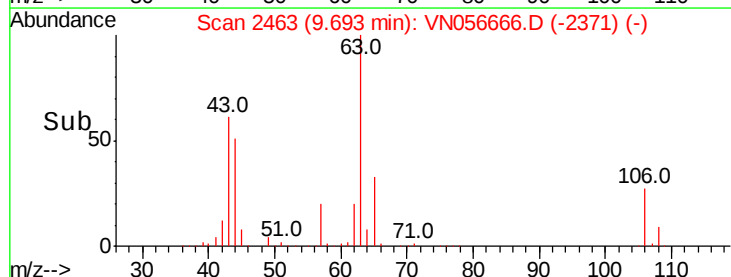
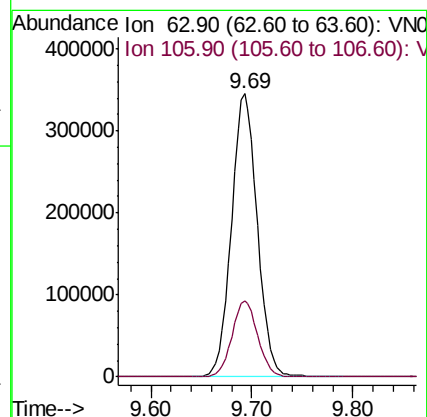
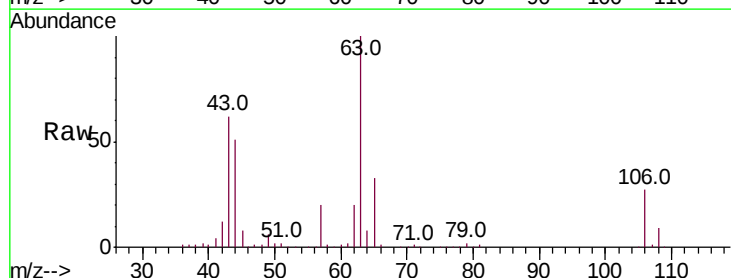
Acq: 11 Jul 2019 15:01

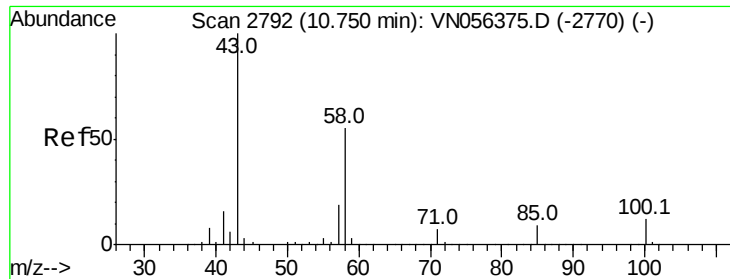
Tgt Ion: 63 Resp: 615989

Ion Ratio Lower Upper

63 100

106 26.8 21.6 32.4





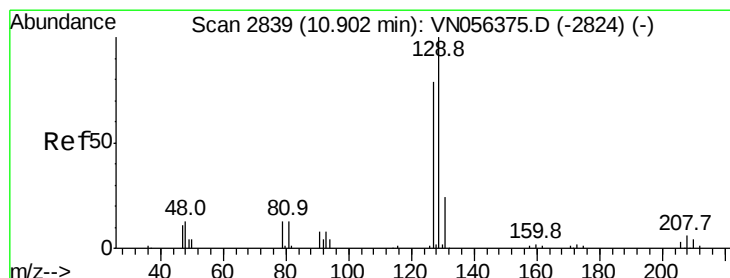
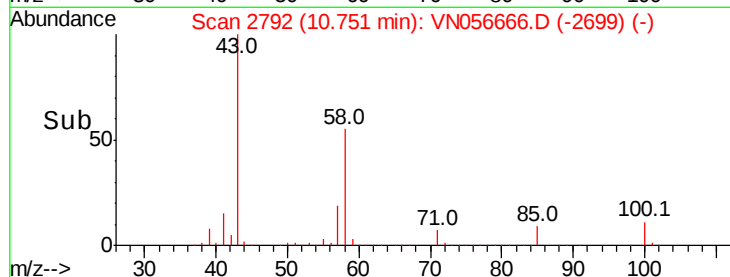
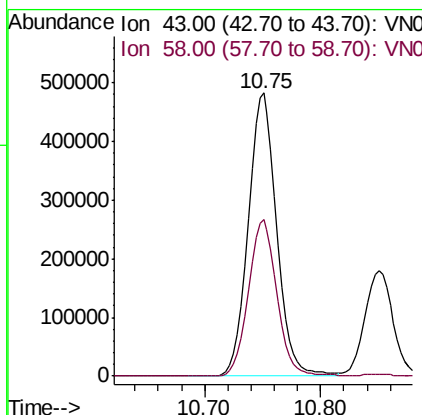
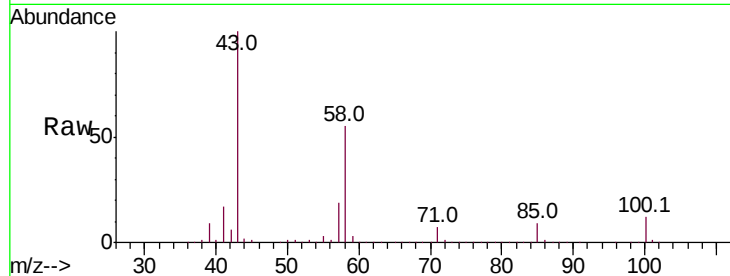
#59
2-Hexanone
Concen: 278.976 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 825429
Ion Ratio Lower Upper
43 100
58 55.4 27.8 83.4

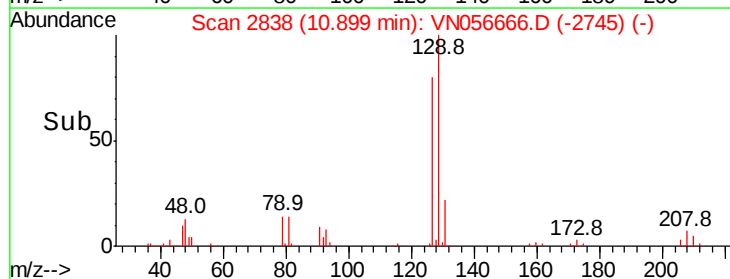
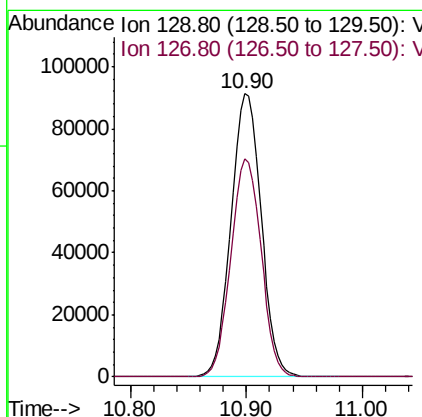
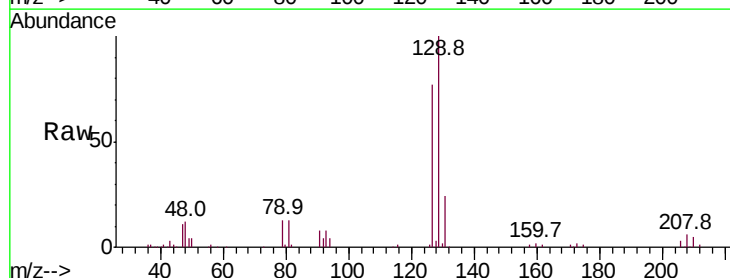
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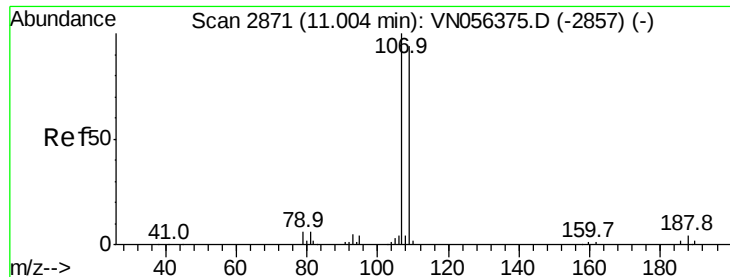
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#60
Dibromochloromethane
Concen: 51.385 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 129 Resp: 164553
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





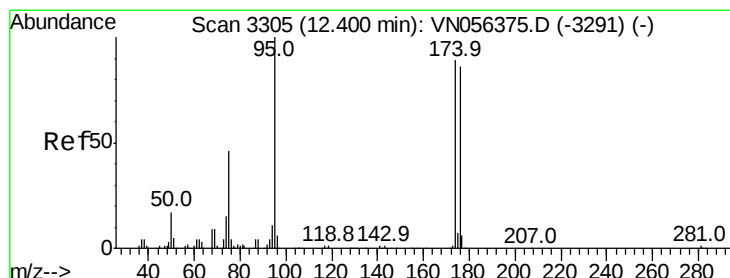
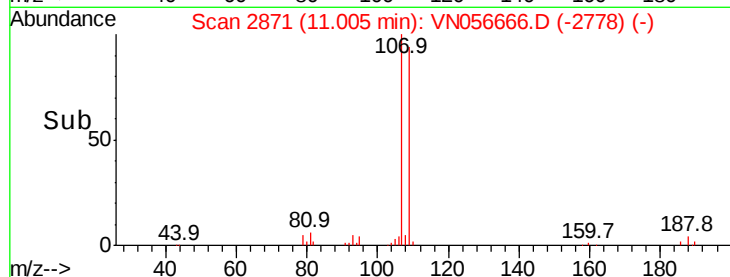
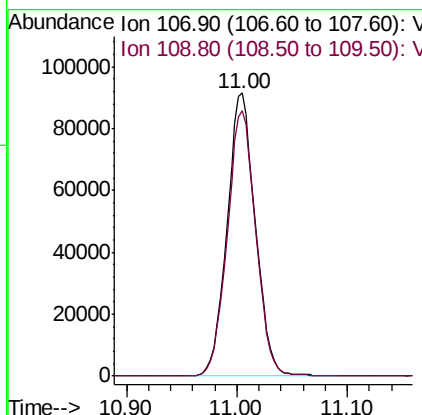
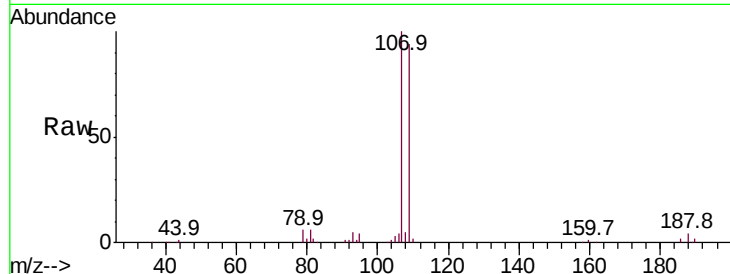
#61
 1,2-Dibromoethane
 Concen: 51.151 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

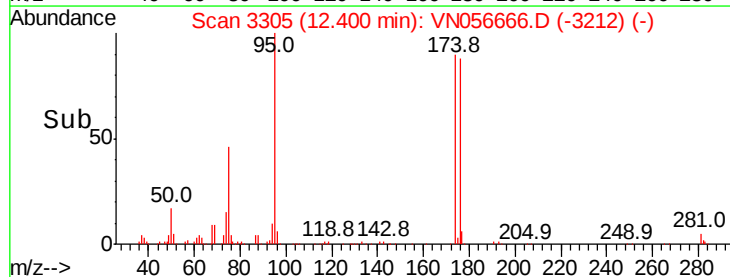
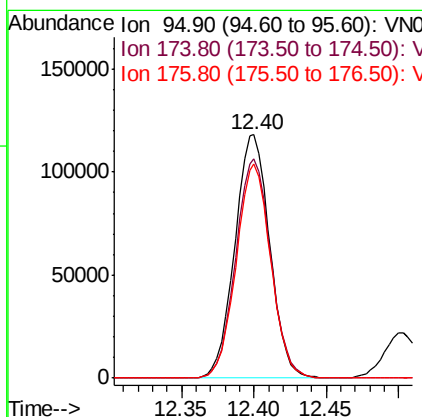
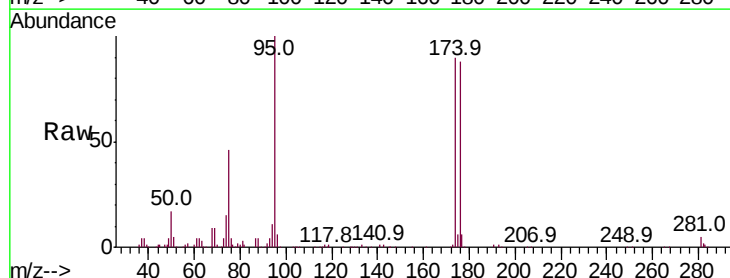
Manual Integrations
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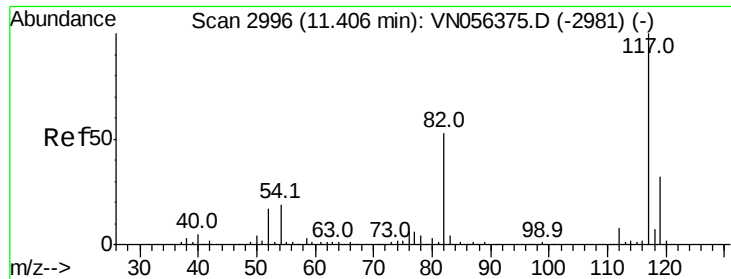
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#62
 4-Bromofluorobenzene
 Concen: 52.107 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	179.4
176	86.9	0.0	173.4





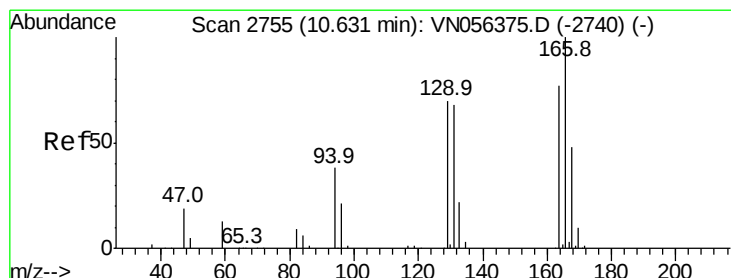
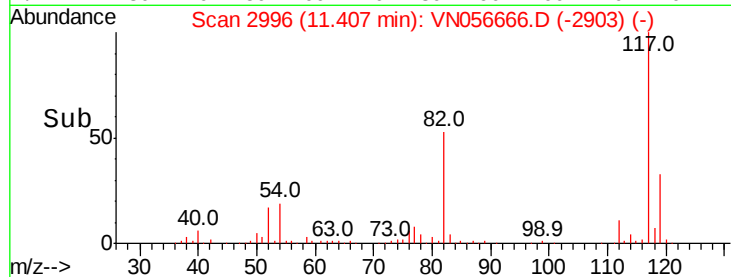
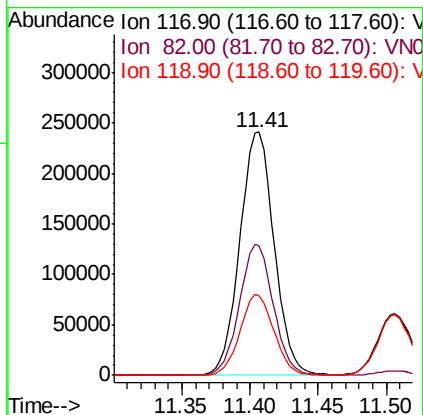
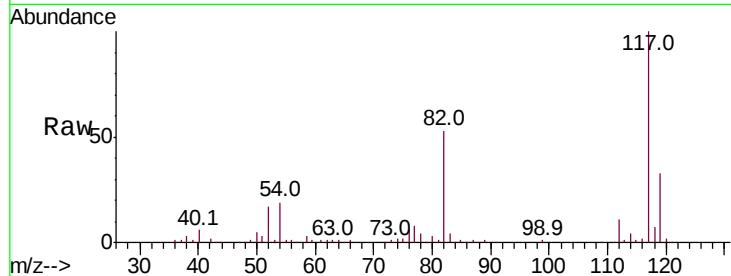
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.0	63.0
119	32.7	25.3	37.9

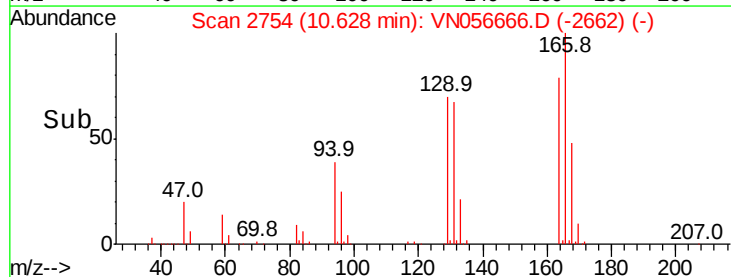
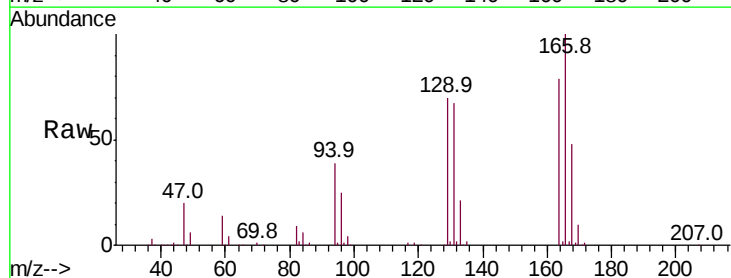
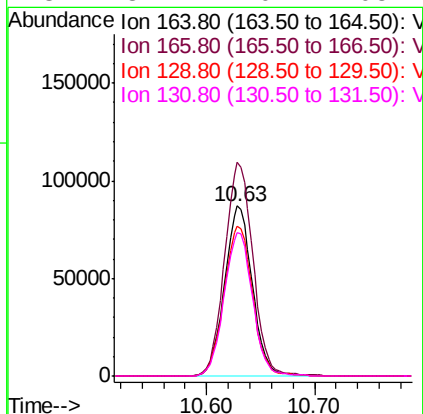
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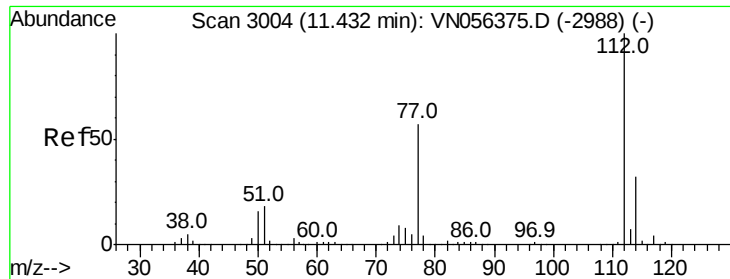
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#64
Tetrachloroethene
Concen: 46.738 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.4	155.0
129	88.3	72.0	108.0
131	84.7	70.2	105.2





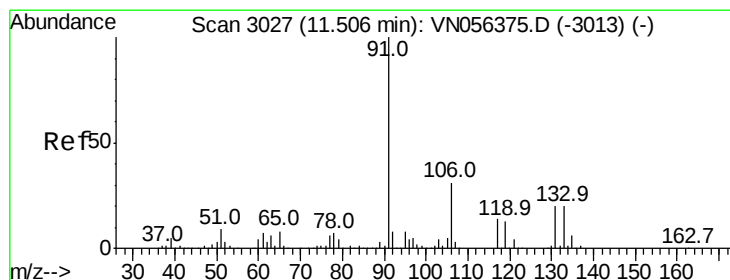
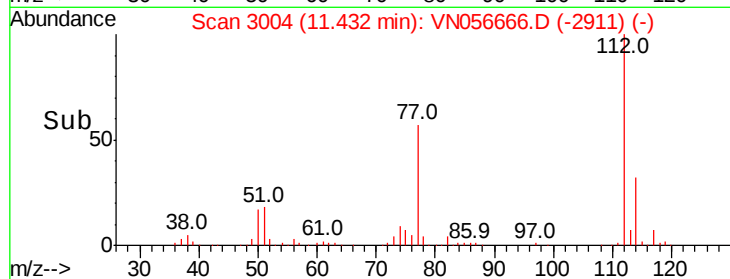
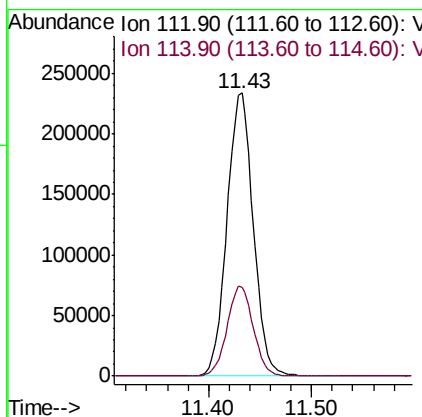
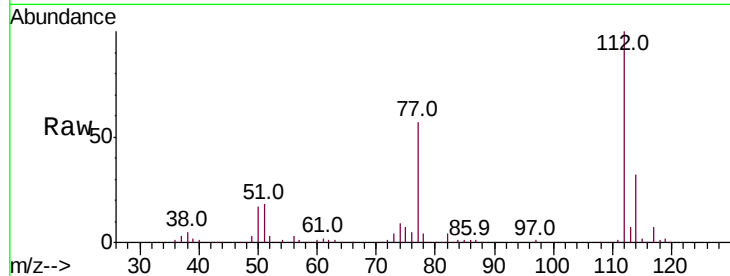
#65
Chlorobenzene
Concen: 49.027 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 415026
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

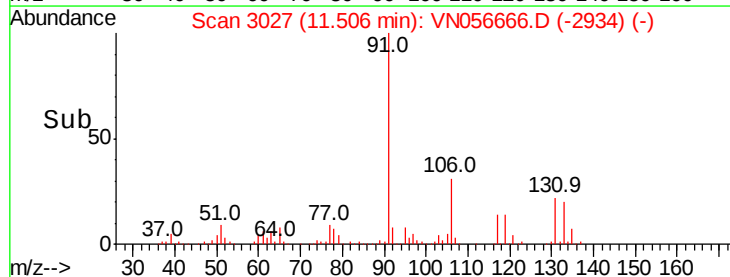
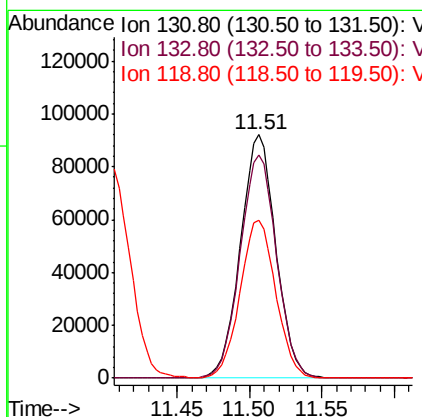
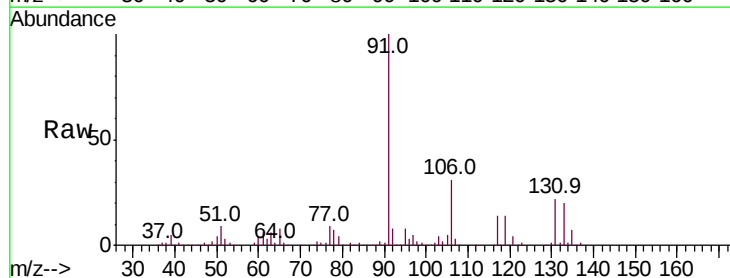
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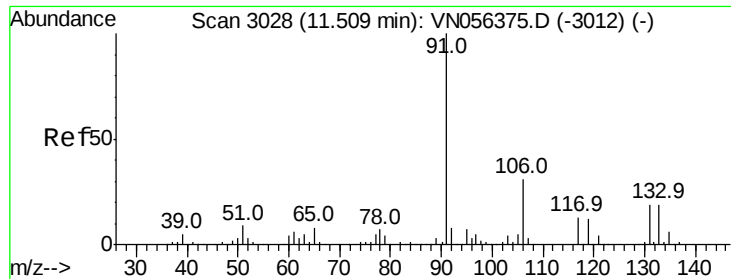
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.560 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:131 Resp: 156099
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.2
119 65.5 32.8 98.4





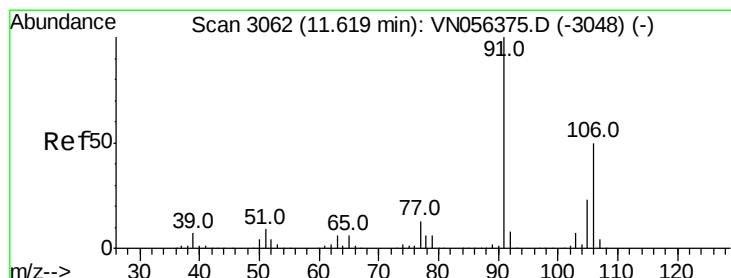
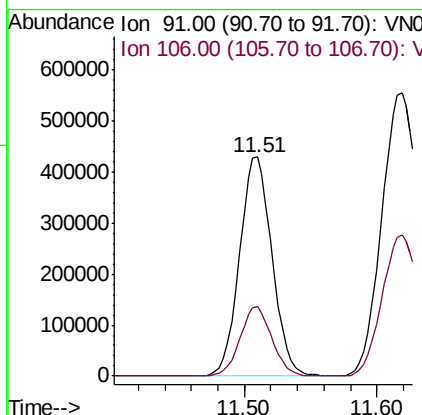
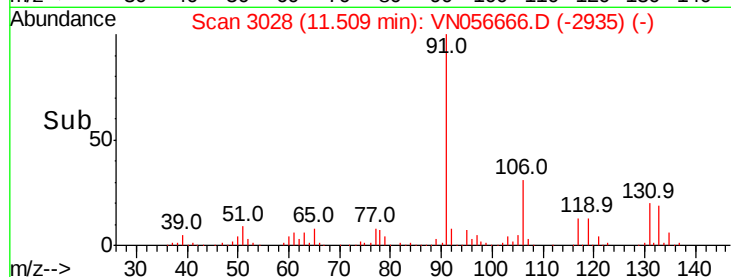
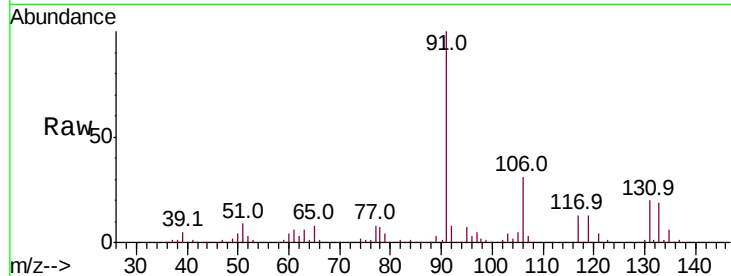
#67
Ethyl Benzene
Concen: 49.108 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 729932
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

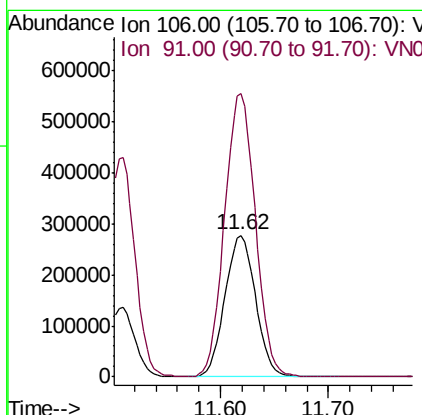
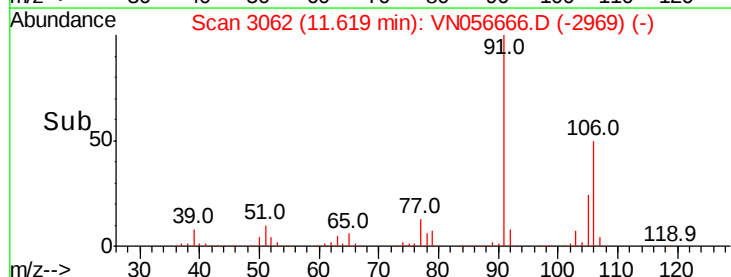
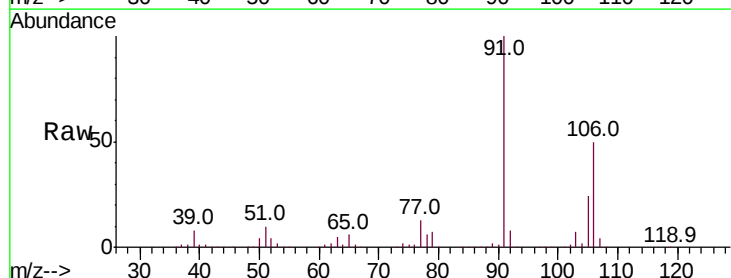
Manual Integrations
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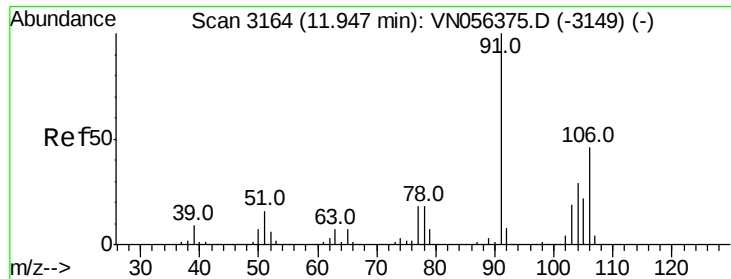
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#68
m/p-Xylenes
Concen: 100.924 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 106 Resp: 549760
Ion Ratio Lower Upper
106 100
91 200.8 160.1 240.1





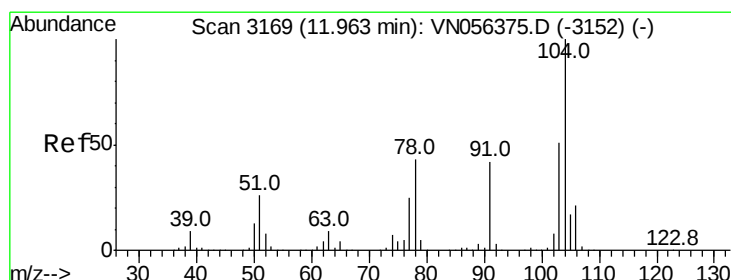
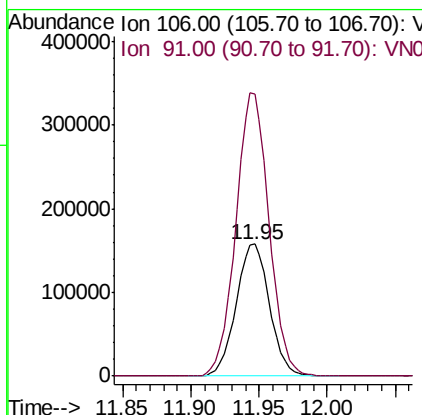
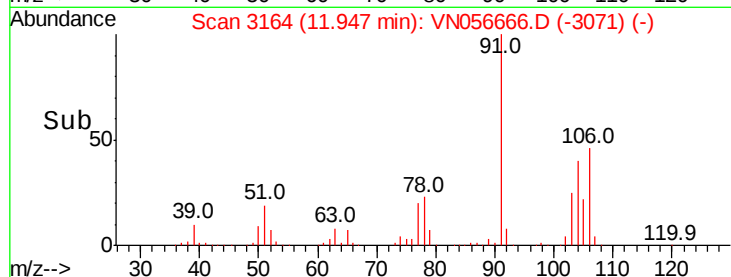
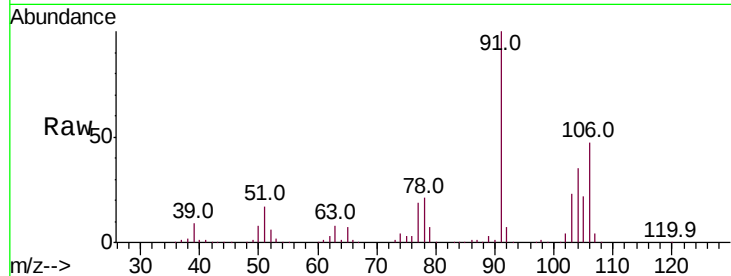
#69
o-Xylene
Concen: 49.643 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 267536
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.3

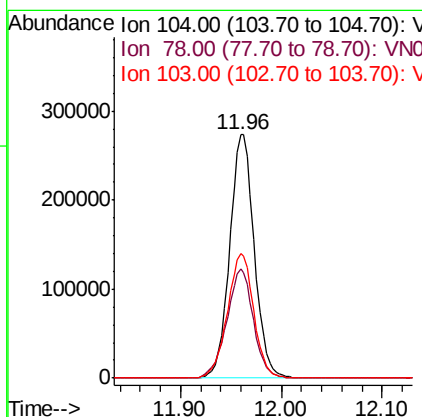
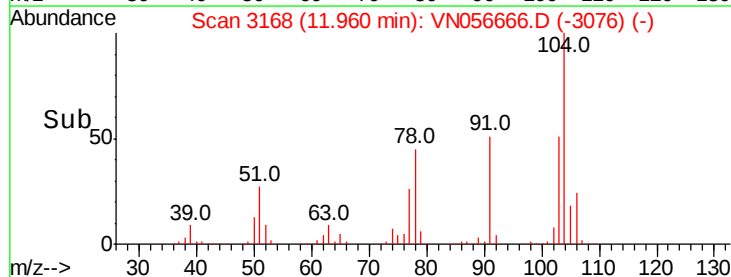
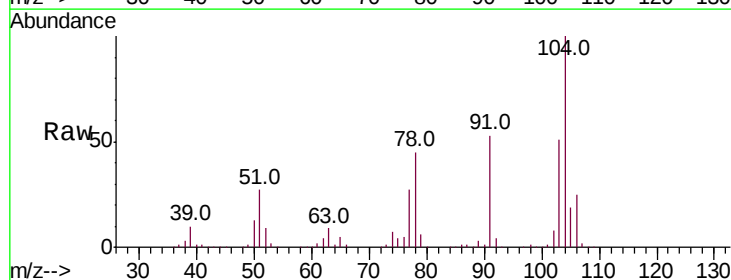
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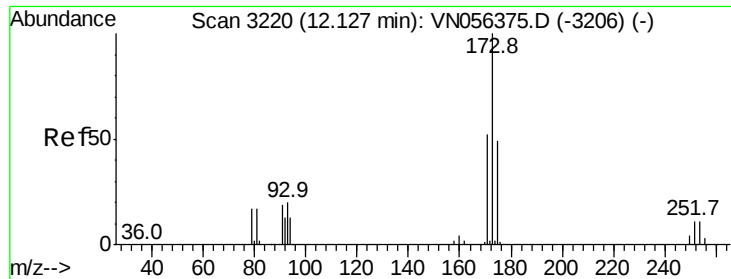
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#70
Styrene
Concen: 53.849 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion:104 Resp: 463859
Ion Ratio Lower Upper
104 100
78 48.5 38.6 57.8
103 55.0 43.9 65.9





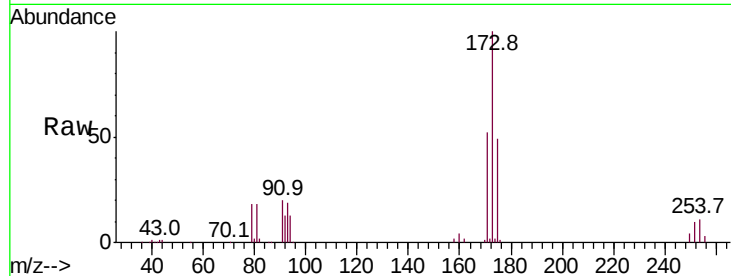
#71
Bromoform
Concen: 52.484 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

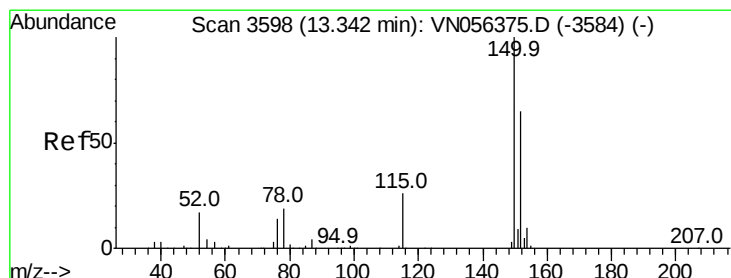
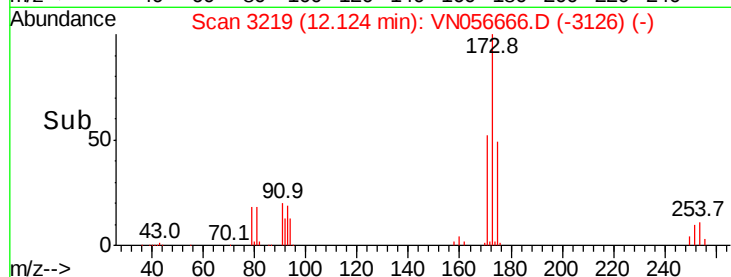
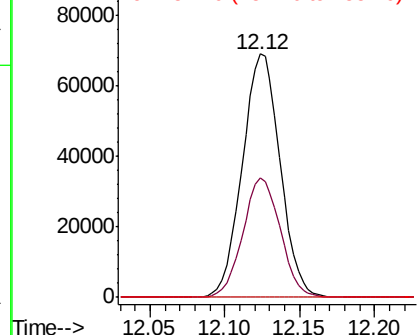
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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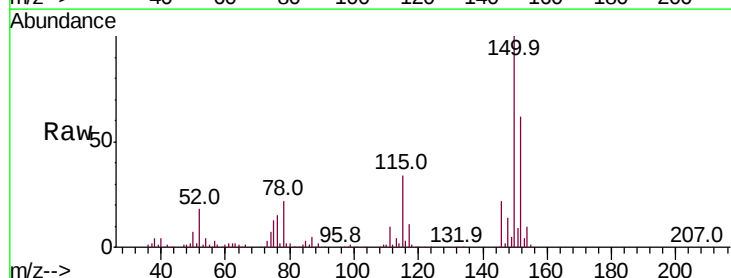


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

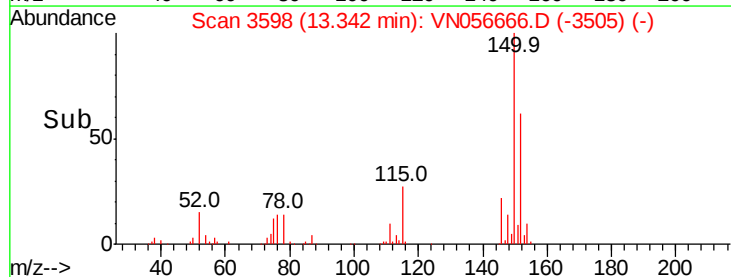
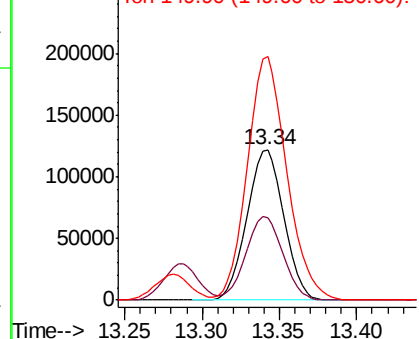


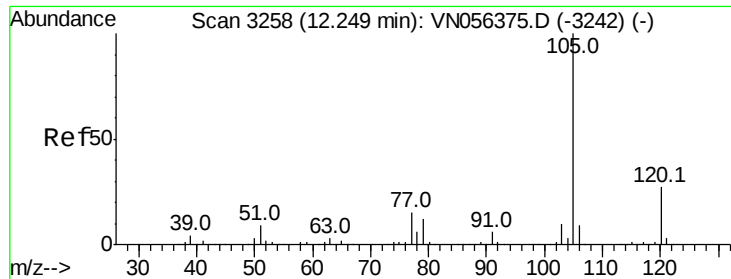
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.1	84.4
150	173.5	0.0	348.4



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





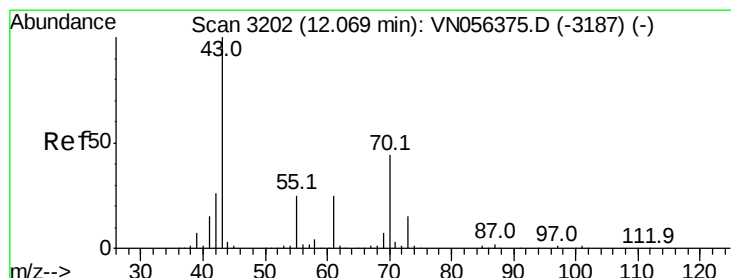
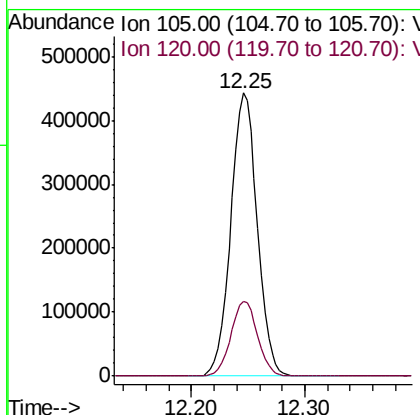
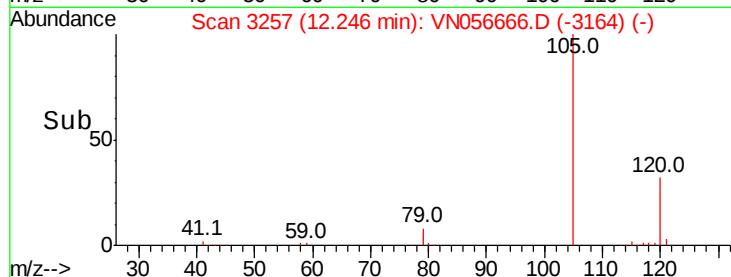
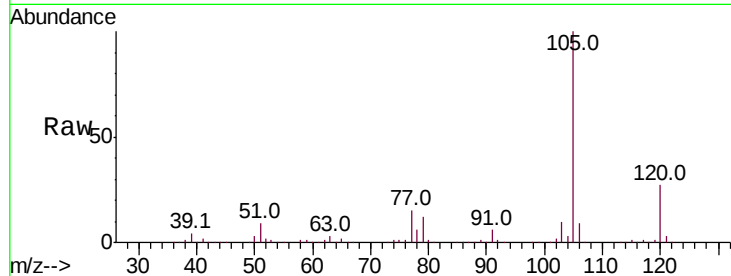
#73
Isopropylbenzene
Concen: 47.101 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 718060
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

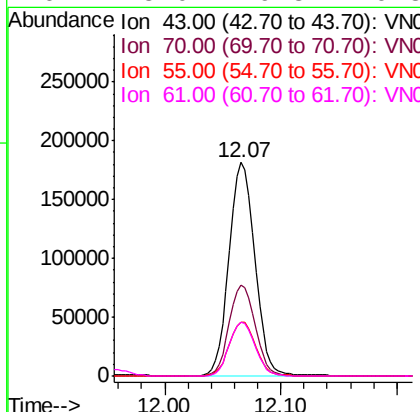
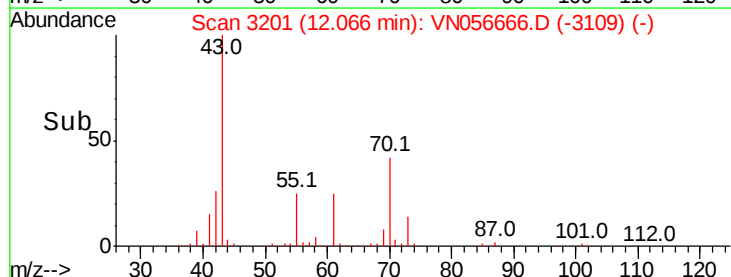
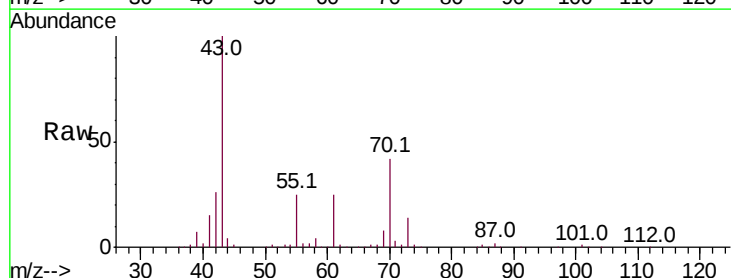
Manual Integrations
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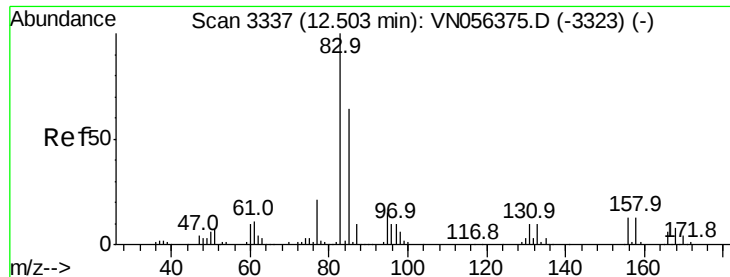
MMDadoda
7/12/2019 5:32:46 PM



#74
N-ethyl acetate
Concen: 43.754 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion: 43 Resp: 281704
Ion Ratio Lower Upper
43 100
70 42.9 34.9 52.3
55 26.2 20.4 30.6
61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.817 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

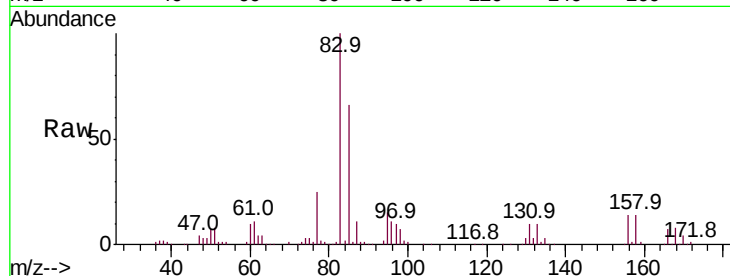
ClientSampleId :

VSTDCCC050

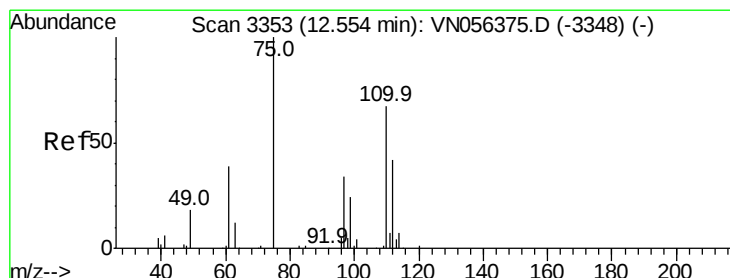
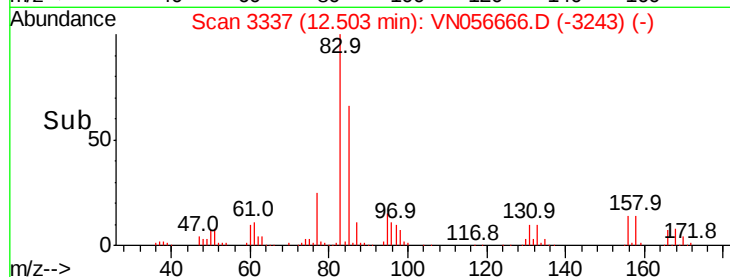
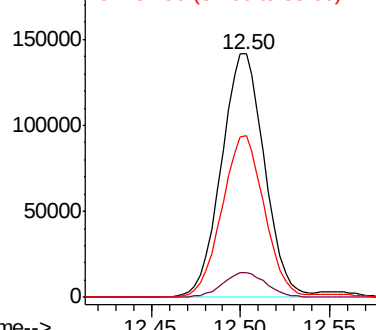
Tot Ion:	83	Resp:	238811
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	15.8
85	65.5	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 49.394 ug/l m

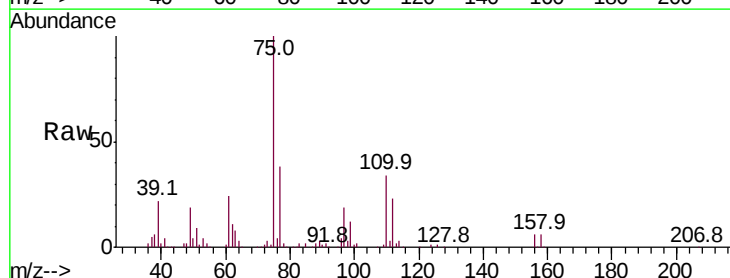
RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

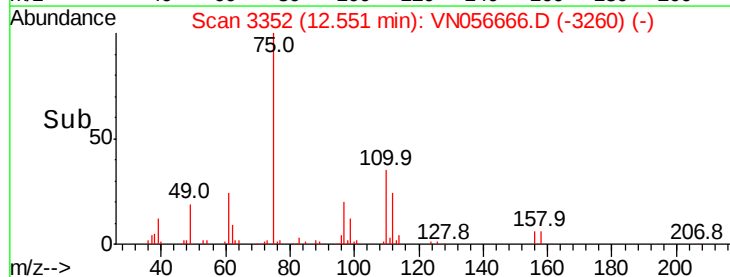
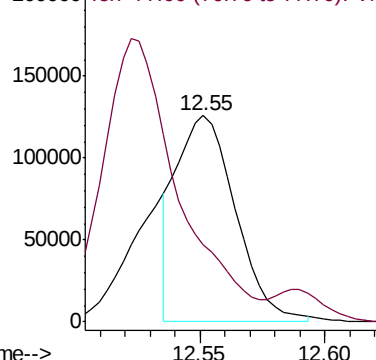
Lab File: VN056666.D

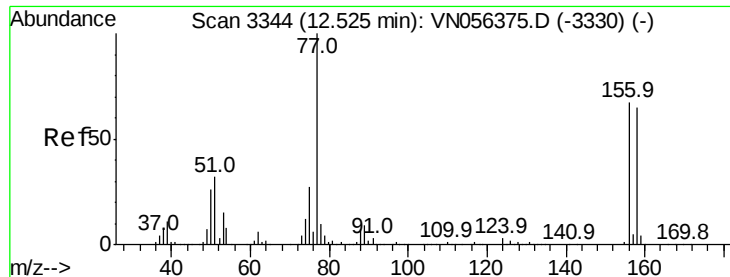
Acq: 11 Jul 2019 15:01

Tgt Ion:	75	Resp:	207194
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3348) (-)





#77

Bromobenzene

Concen: 42.473 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

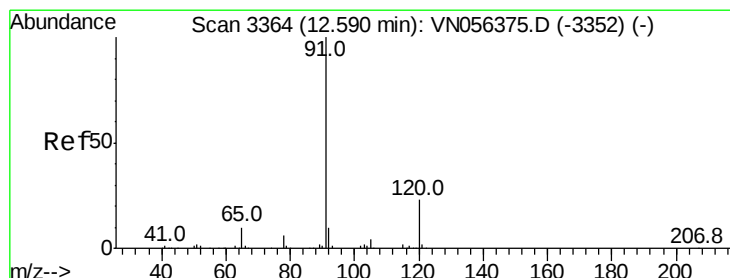
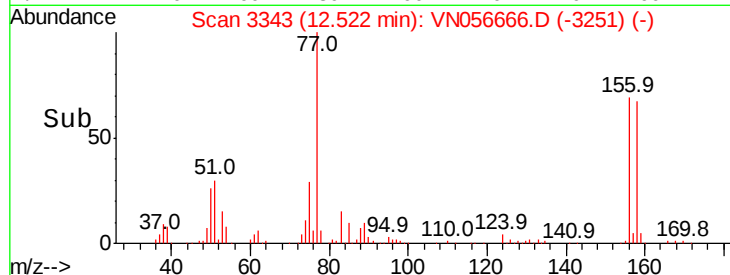
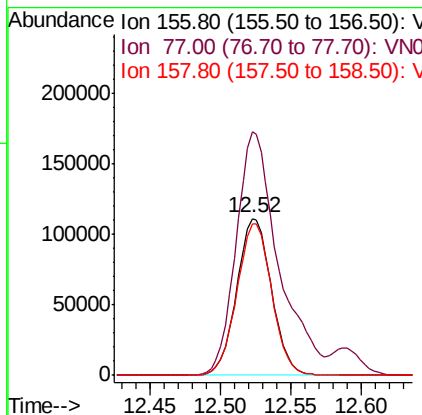
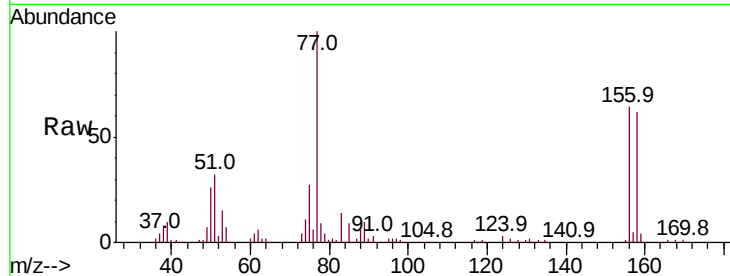
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	192126
Ion Ratio	Lower	Upper	
156	100		
77	189.8	92.5	277.3
158	97.1	48.7	146.1

Manual Integrations
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#78

n-propylbenzene

Concen: 44.311 ug/l

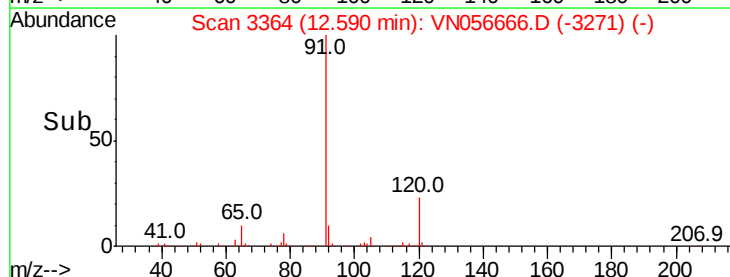
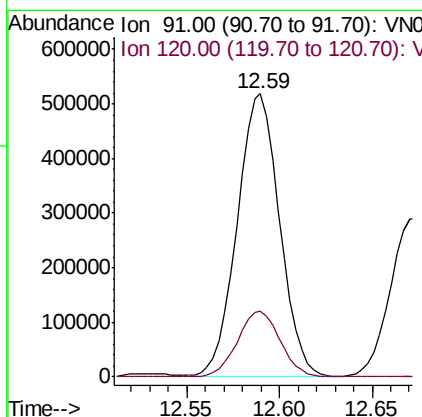
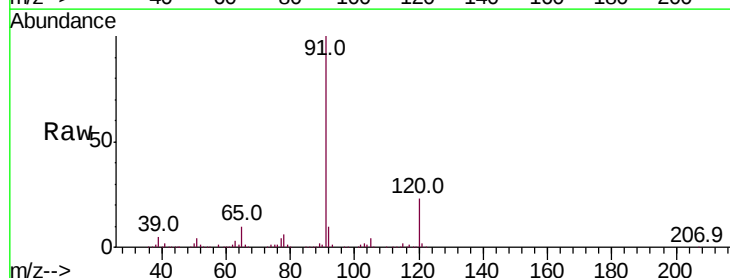
RT: 12.59 min Scan# 3364

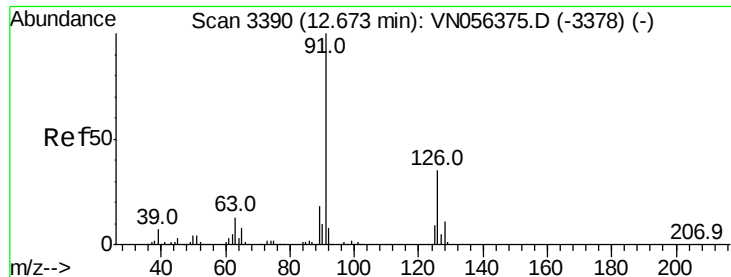
Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion:	91	Resp:	820908
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 47.786 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 486567

Ion Ratio Lower Upper

91 100

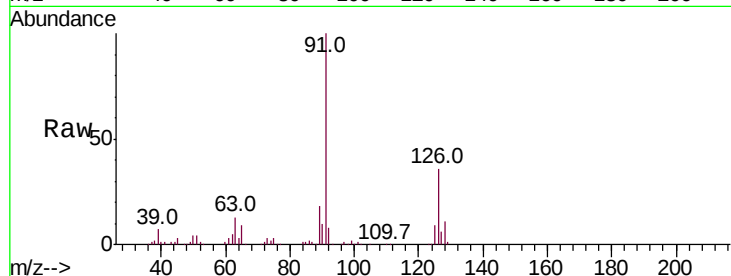
126 35.6 17.6 52.8

Manual Integrations

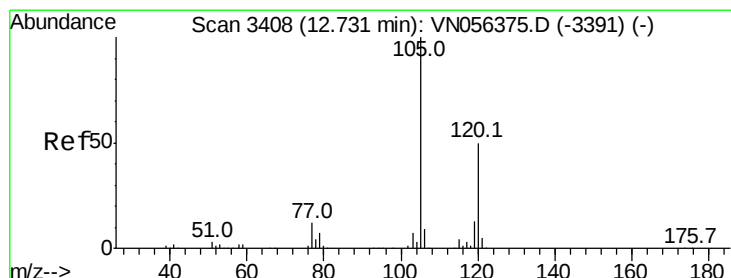
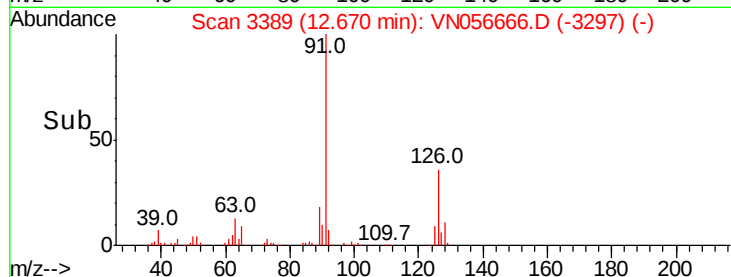
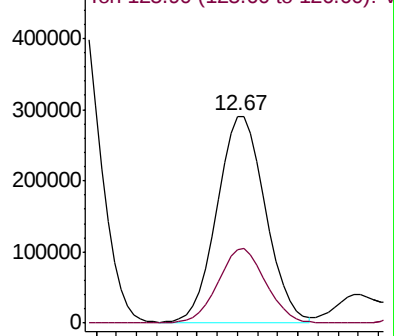
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Abundance Ion 91.00 (90.70 to 91.70): VN056666.D (-3389) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.496 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056666.D

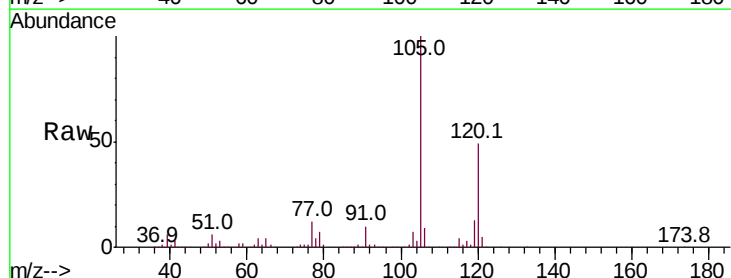
Acq: 11 Jul 2019 15:01

Tgt Ion: 105 Resp: 618293

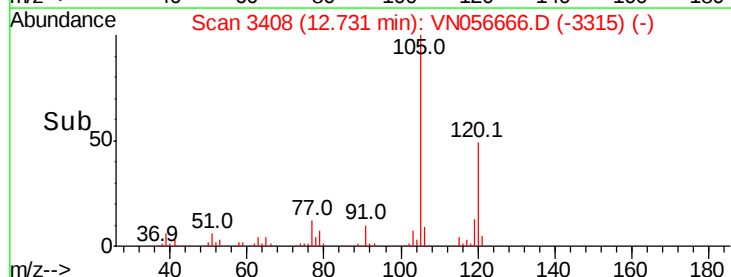
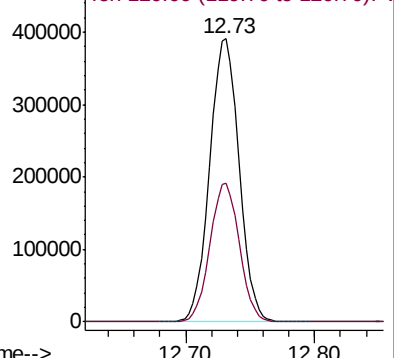
Ion Ratio Lower Upper

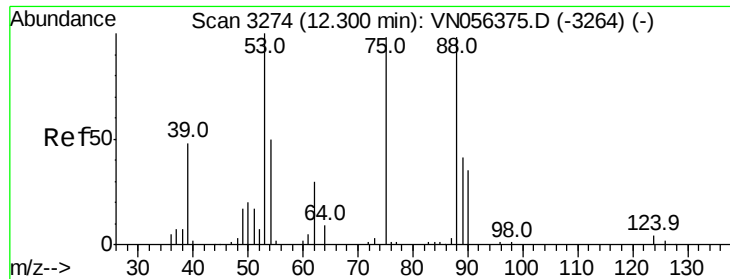
105 100

120 49.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056666.D (-3408) (-)





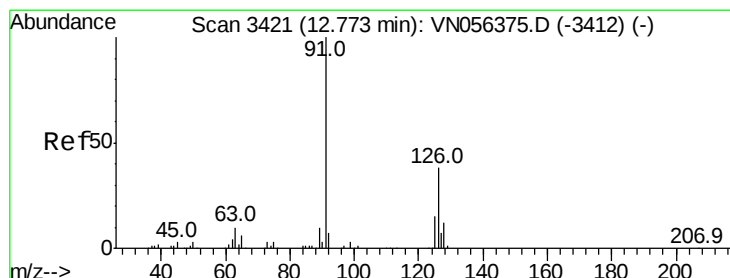
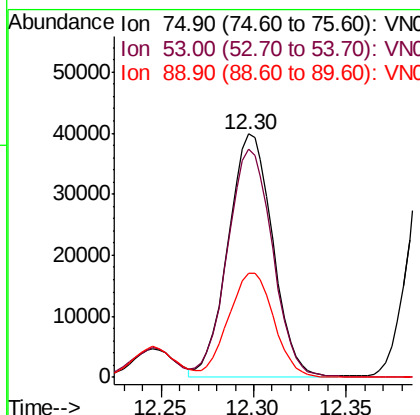
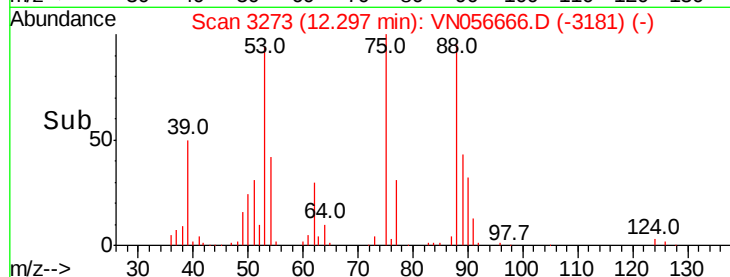
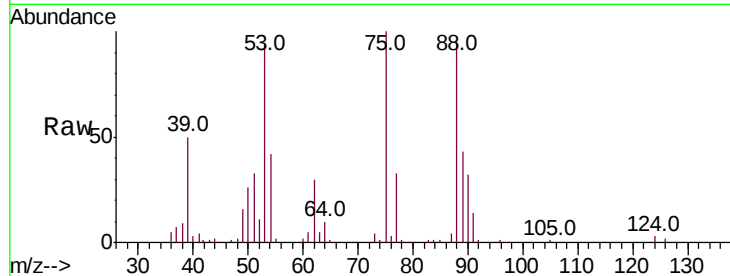
#81
trans-1,4-Dichloro-2-butene
Concen: 56.446 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	83.9	125.9
89	43.6	35.0	52.6

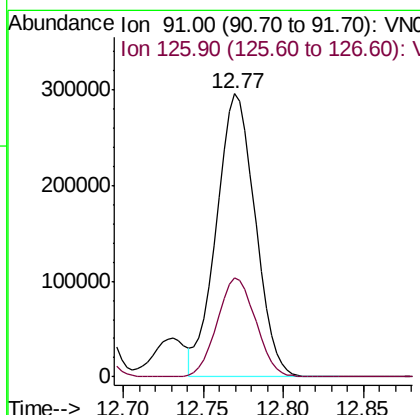
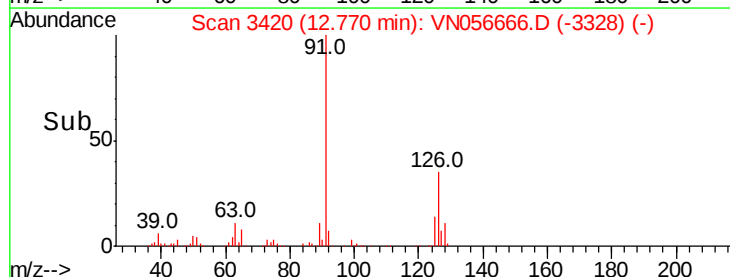
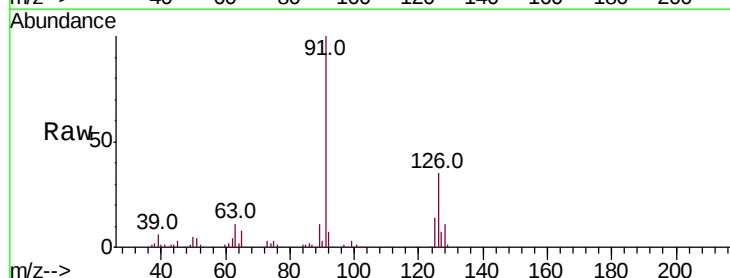
Manual Integrations
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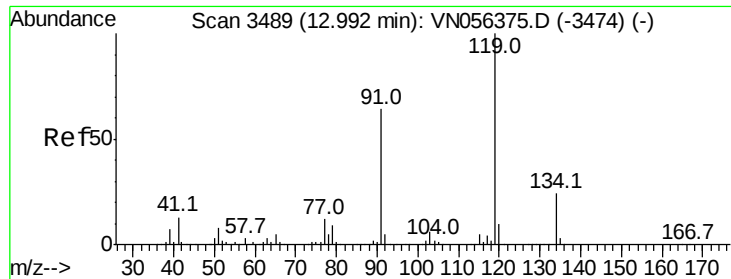
MMDadoda
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#82
4-Chlorotoluene
Concen: 44.977 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.3	52.0





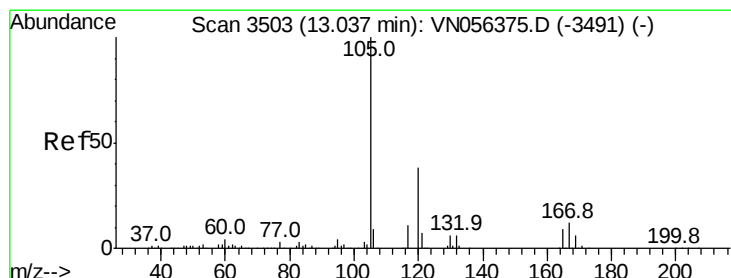
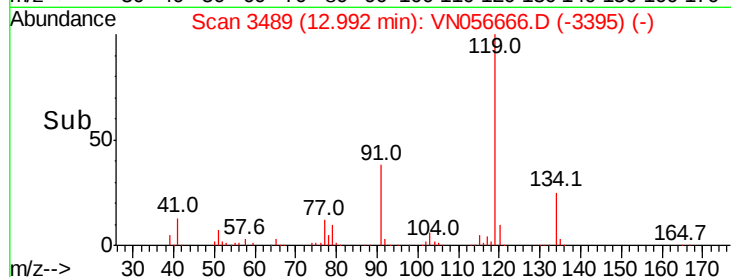
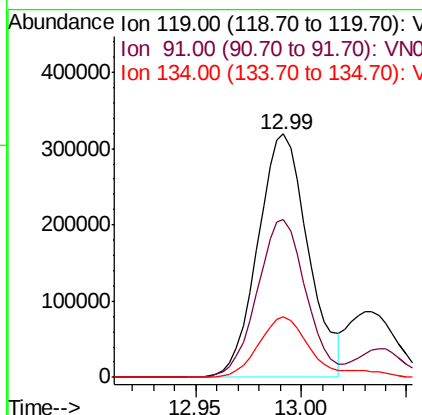
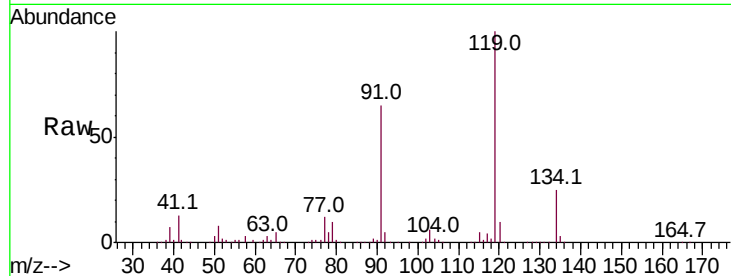
#83
tert-Butylbenzene
Concen: 47.717 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	530767		
91	63.1		31.6	94.7
134	26.4		13.2	39.5

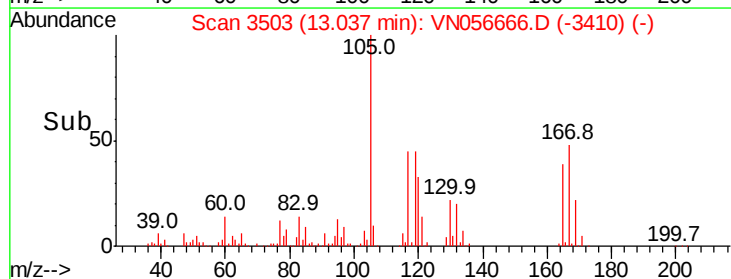
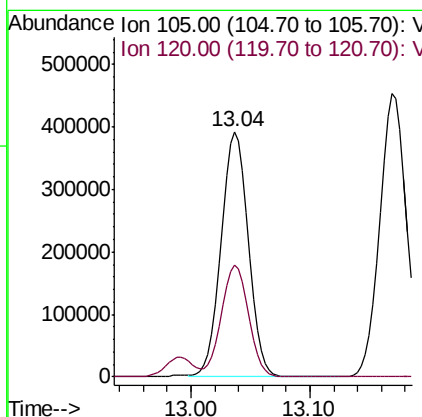
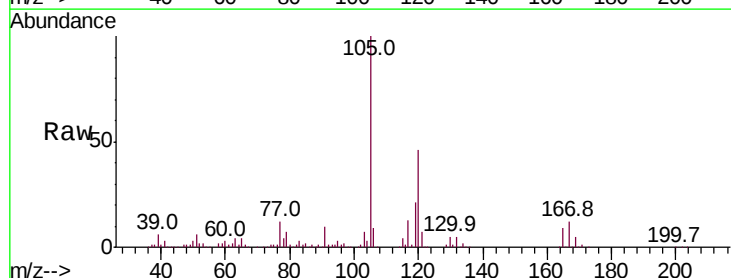
Manual Integrations
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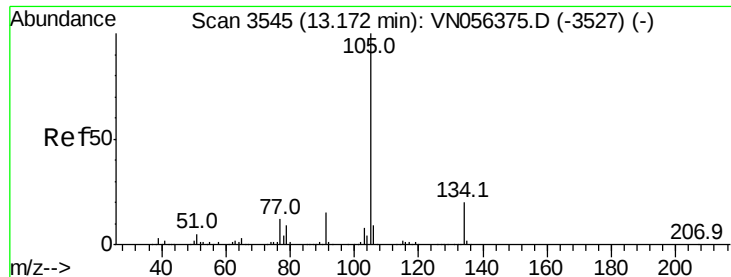
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 45.651 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621715		
120	45.9		22.9	68.8





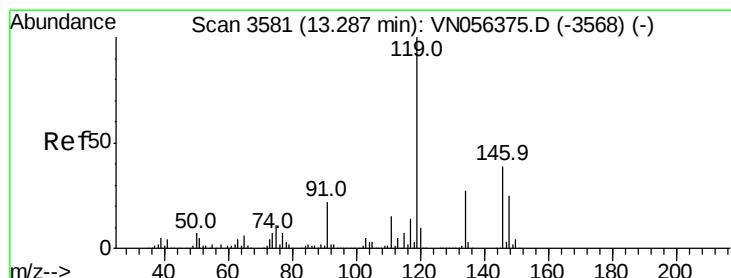
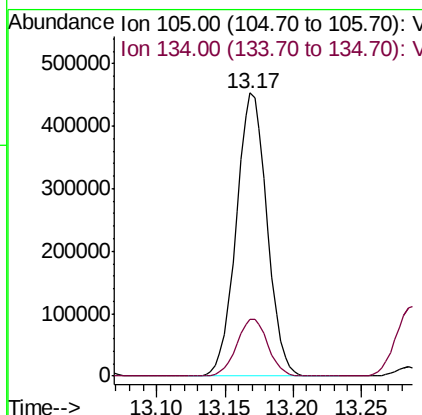
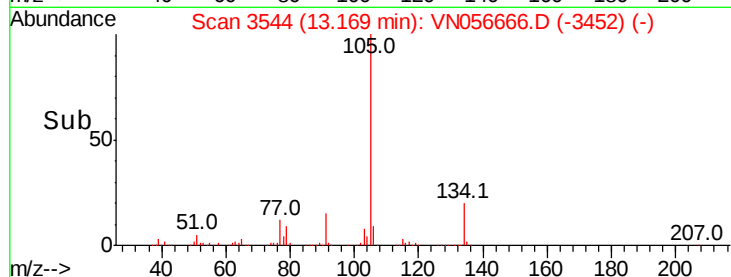
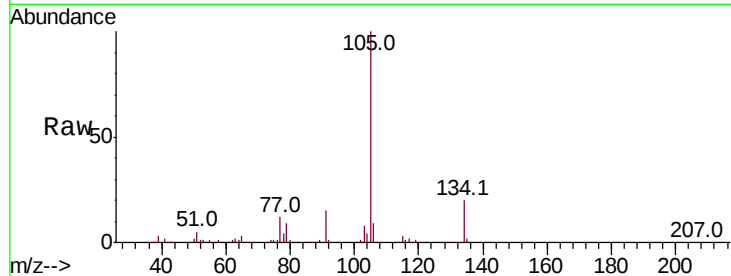
#85
 sec-Butylbenzene
 Concen: 43.479 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

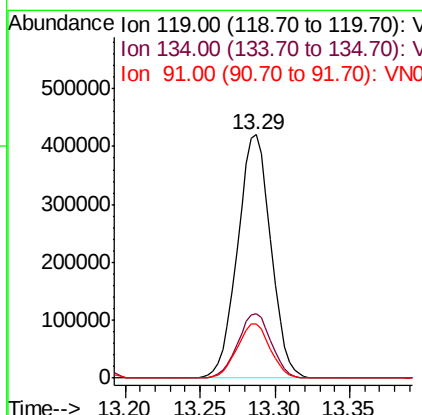
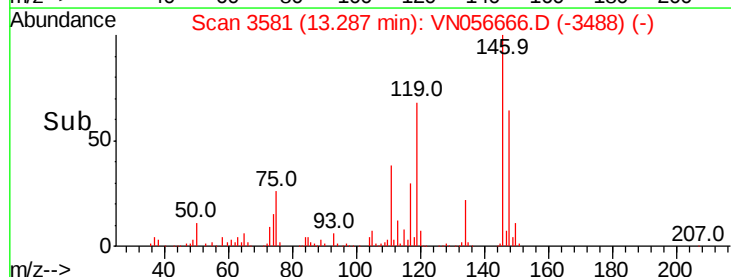
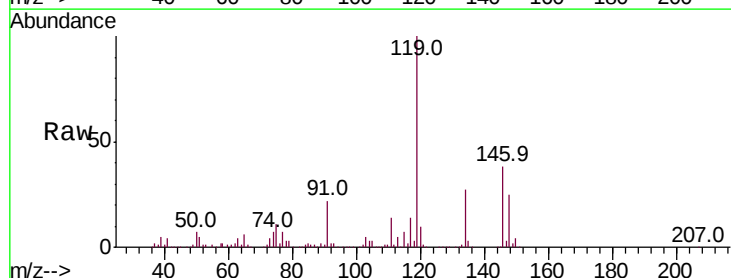
Manual Integrations
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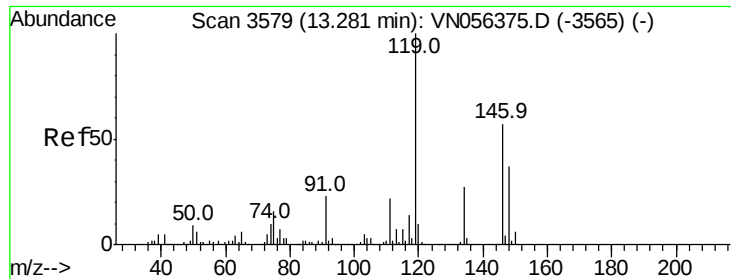
MMDadoda
 7/12/2019 5:32:46 PM



#86
 p-Isopropyltoluene
 Concen: 46.438 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	22.1	11.2	33.5





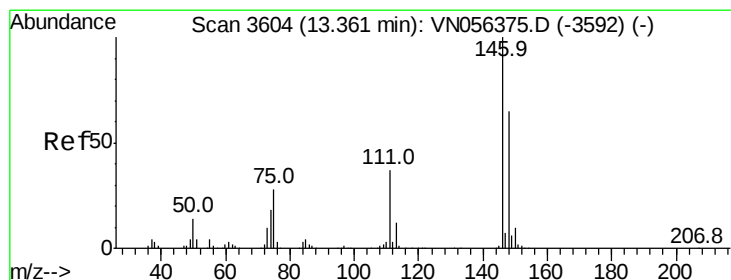
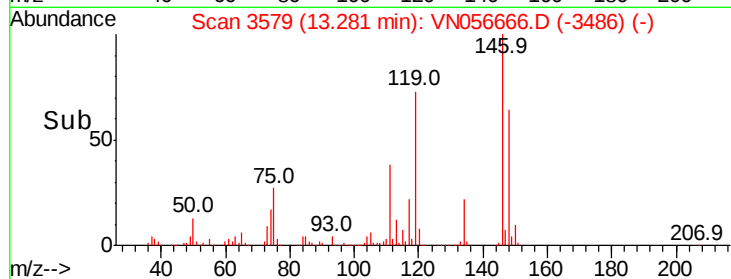
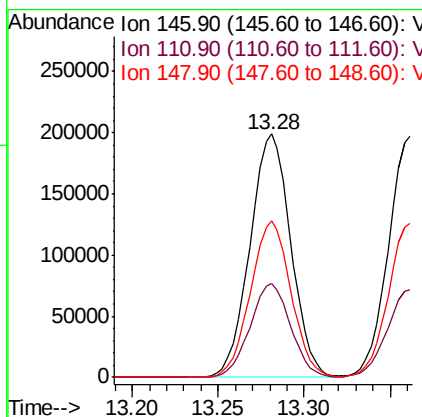
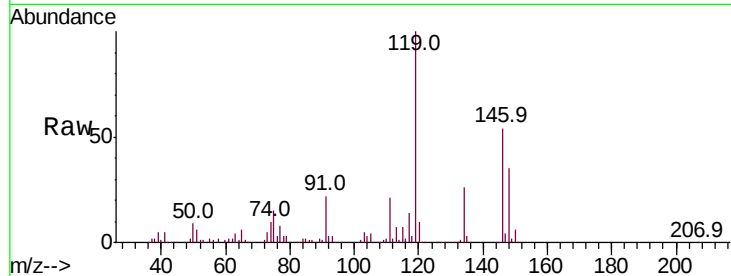
#87
 1,3-Dichlorobenzene
 Concen: 47.665 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.9	32.1	96.5

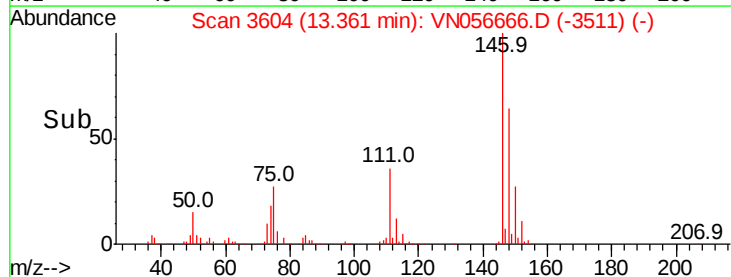
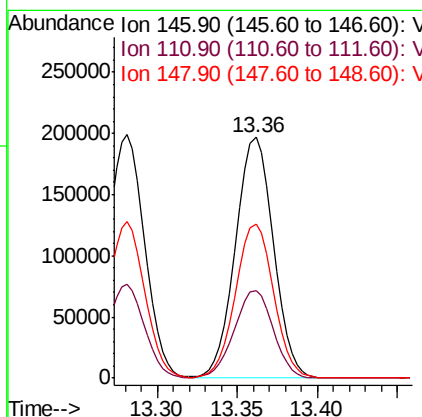
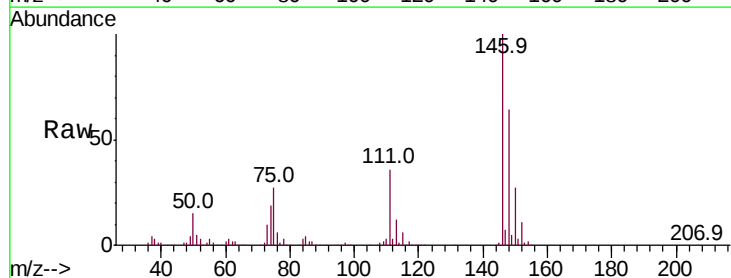
Manual Integrations
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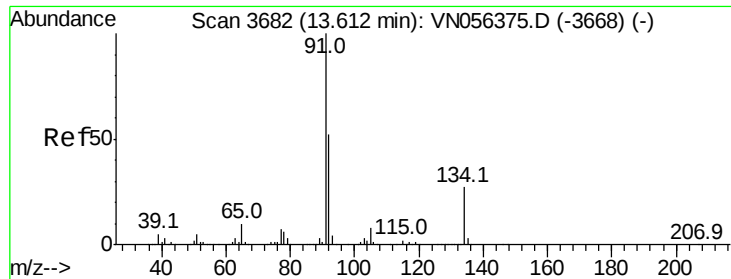
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 7/12/2019 5:32:46 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.883 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.4
148	64.4	32.4	97.0





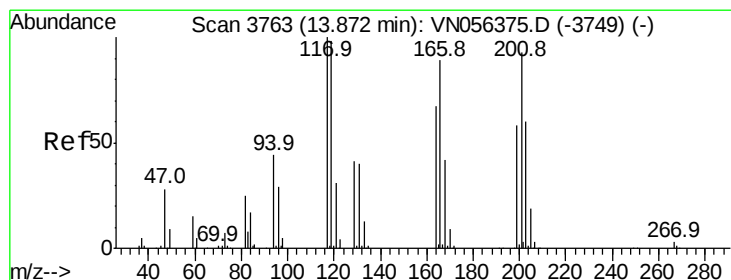
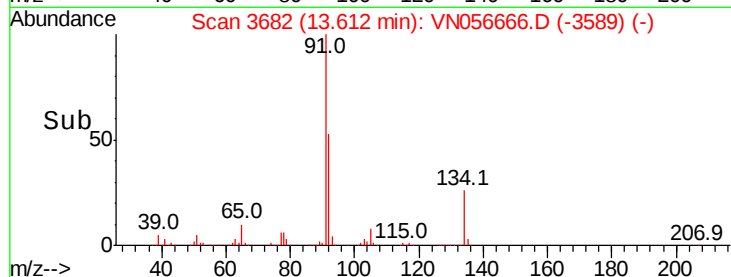
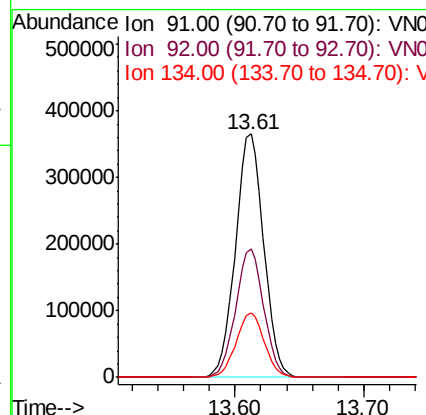
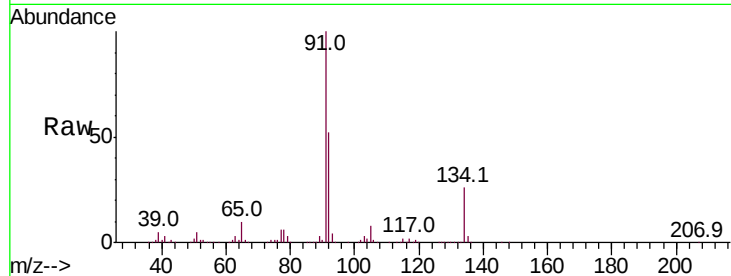
#89
n-Butylbenzene
Concen: 52.470 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.3	26.2	78.5	
134	26.4	13.4	40.2	

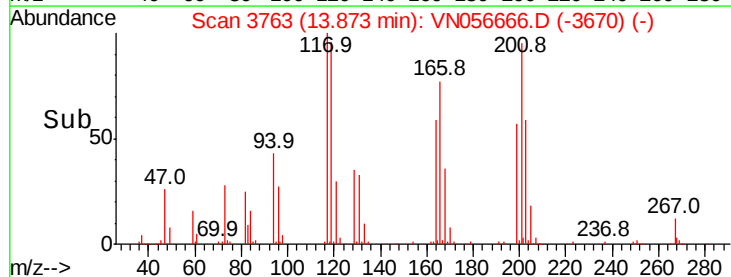
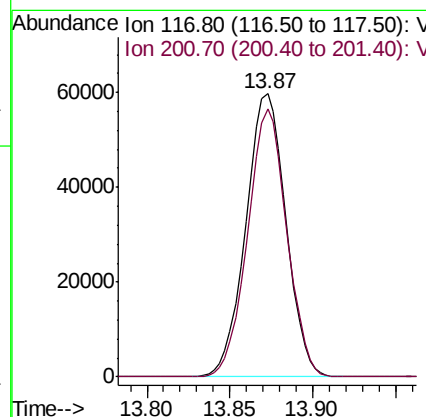
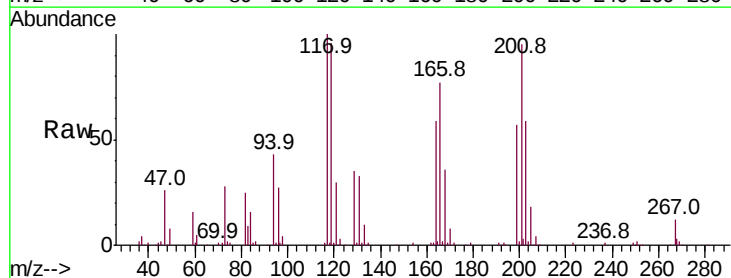
Manual Integrations
APPROVED

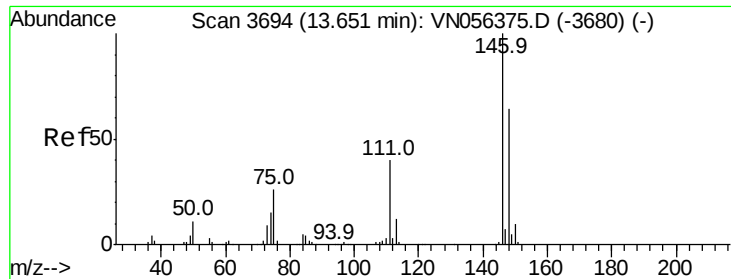
MMDadoda
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#90
Hexachloroethane
Concen: 46.061 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056666.D
Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.1	45.9	137.6	





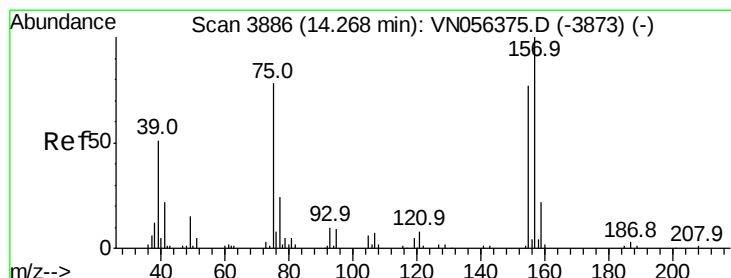
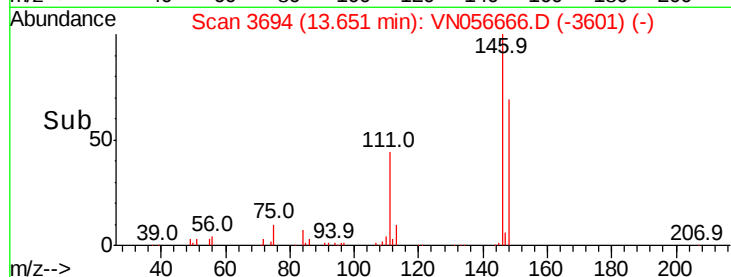
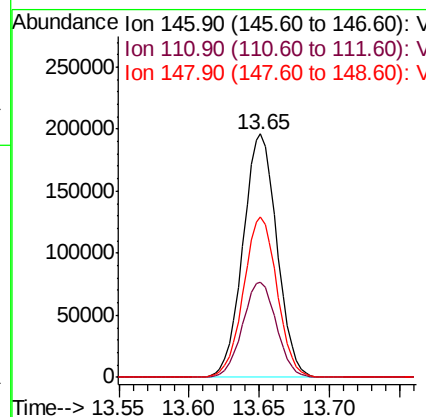
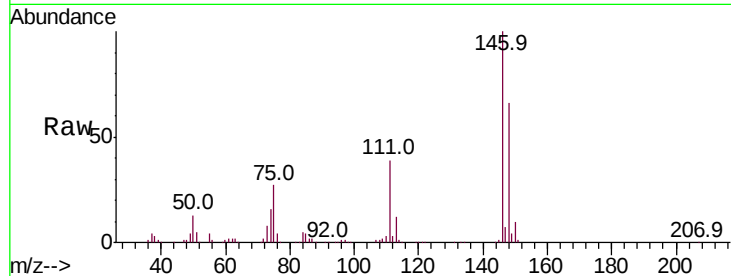
#91
 1,2-Dichlorobenzene
 Concen: 48.595 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	65.0	32.0	96.0

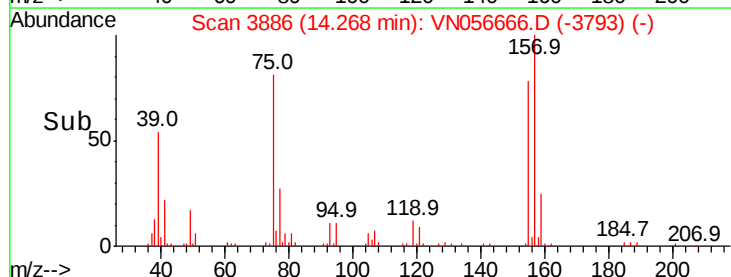
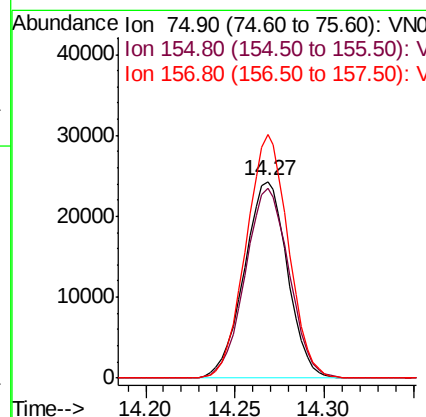
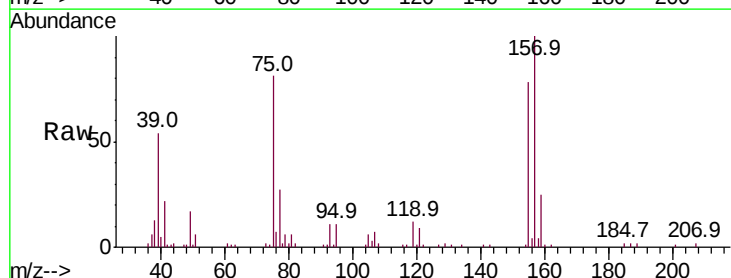
Manual Integrations
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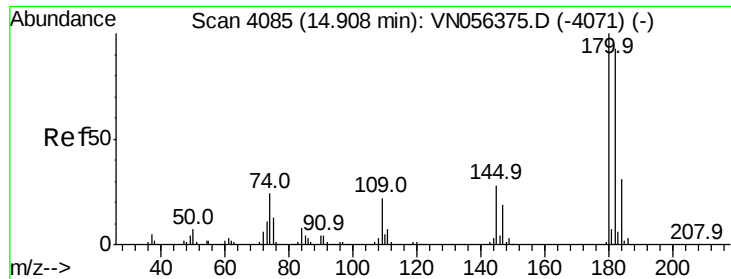
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.035 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	48.9	146.8
157	121.1	62.9	188.8





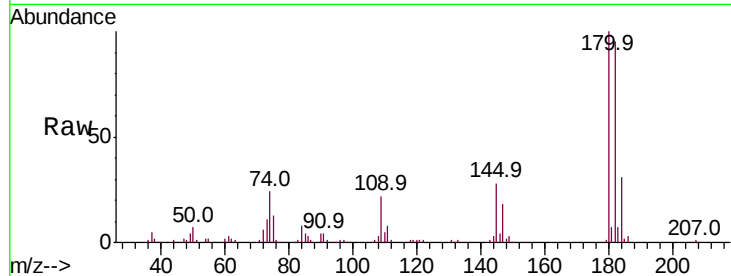
#93
 1,2,4-Trichlorobenzene
 Concen: 50.757 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

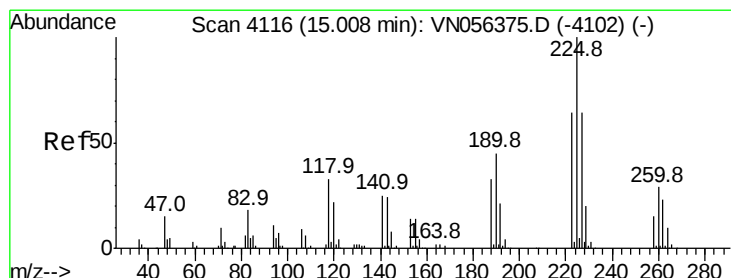
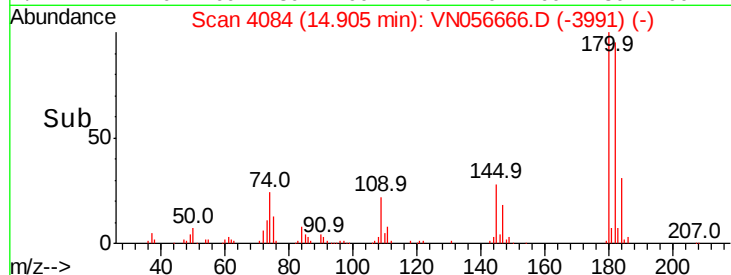
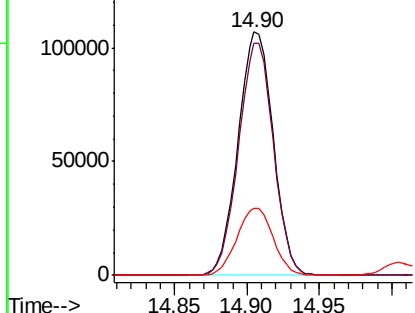
Tot Ion	Ratio	Resp	Lower	Upper
180	100	180114		
182	95.0	46.9	140.6	
145	28.5	14.4	43.0	

Manual Integrations
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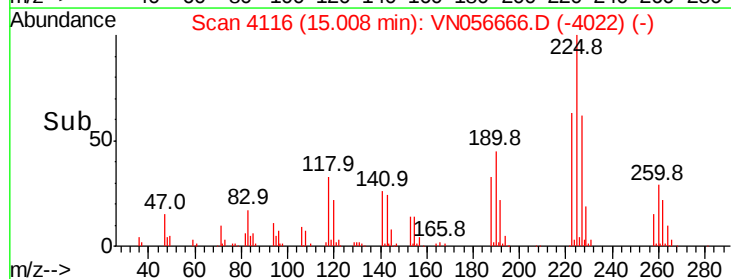
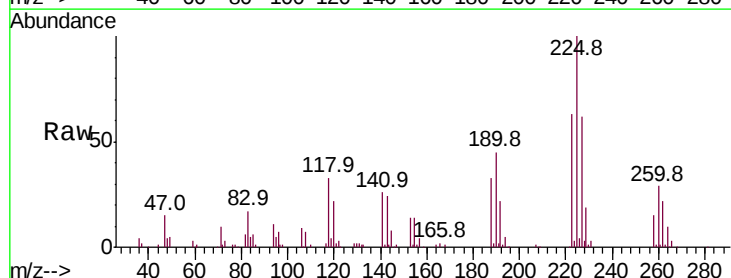
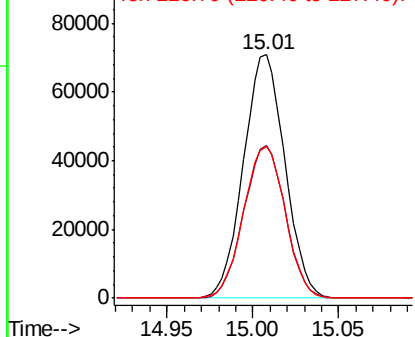
Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

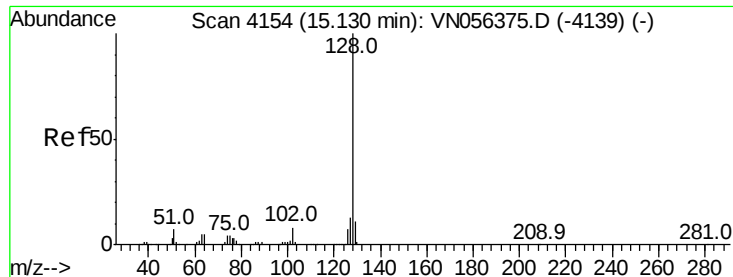


#94
 Hexachlorobutadiene
 Concen: 51.431 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056666.D
 Acq: 11 Jul 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118417		
223	62.6	31.4	94.3	
227	62.8	32.1	96.3	

Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.166 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Instrument :

MSVOA_N

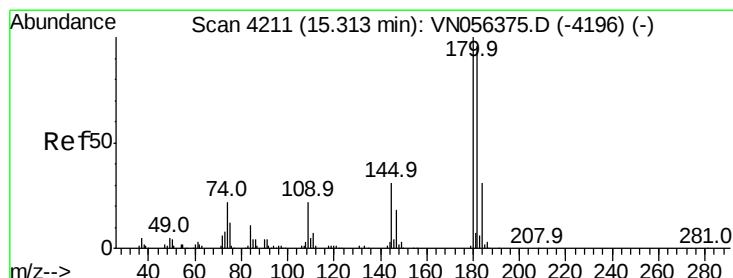
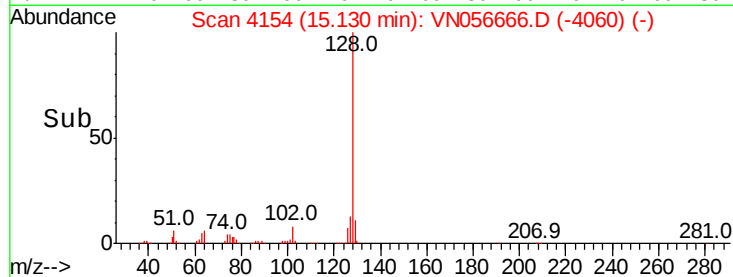
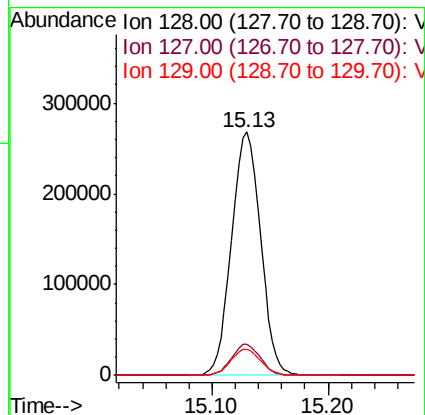
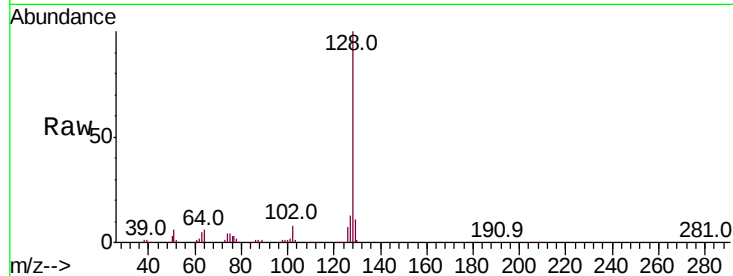
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	464541
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 49.534 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056666.D

Acq: 11 Jul 2019 15:01

Tgt Ion:	180	Resp:	181619
Ion Ratio	Lower	Upper	
180	100		
182	94.0	48.3	144.8
145	30.4	15.4	46.1

