

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056848.D
 Acq On : 19 Jul 2019 21:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/23/2019 4:32:38 AM

Quant Time: Jul 20 00:42:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	299924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	466829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	418539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	164053	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	145403	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	553015	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	191064	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	127429	45.248	ug/l	98
3) Chloromethane	2.06	50	178262	47.080	ug/l	99
4) Vinyl Chloride	2.18	62	167854	46.036	ug/l	100
5) Bromomethane	2.54	94	96086	44.813	ug/l	98
6) Chloroethane	2.69	64	98374	46.300	ug/l	96
7) Trichlorofluoromethane	3.01	101	224258	47.933	ug/l	99
8) Diethyl Ether	3.41	74	94668	51.899	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138096	49.129	ug/l	100
10) Methyl Iodide	3.95	142	185981	49.467	ug/l	99
11) Tert butyl alcohol	4.79	59	149247	270.272	ug/l	99
12) 1,1-Dichloroethene	3.73	96	138397	49.086	ug/l	96
13) Acrolein	3.60	56	42207	224.901	ug/l	97
14) Allyl chloride	4.32	41	236358	48.475	ug/l	99
15) Acrylonitrile	4.99	53	417447	261.772	ug/l	99
16) Acetone	3.82	43	327479	214.204	ug/l	99
17) Carbon Disulfide	4.05	76	331095	44.439	ug/l	100
18) Methyl Acetate	4.32	43	186003	54.254	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	463458	51.590	ug/l	97
20) Methylene Chloride	4.55	84	166948	49.970	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	147319	49.431	ug/l	97
22) Diisopropyl ether	5.95	45	501922	52.151	ug/l	99
23) Vinyl Acetate	5.90	43	2063822	264.626	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279954	50.171	ug/l	100
25) 2-Butanone	6.83	43	550649	246.359	ug/l	99
26) 2,2-Dichloropropane	6.82	77	176450	43.856	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	175922	51.299	ug/l	100
28) Bromochloromethane	7.19	49	135193	51.530	ug/l	100
29) Tetrahydrofuran	7.21	42	375808	257.787	ug/l	98
30) Chloroform	7.37	83	280066	50.157	ug/l	99
31) Cyclohexane	7.65	56	256538	48.371	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	228224	51.682	ug/l	99
36) 1,1-Dichloropropene	7.79	75	205449	47.559	ug/l	99
37) Ethyl Acetate	6.93	43	223135	52.408	ug/l	98
38) Carbon Tetrachloride	7.77	117	200049	49.381	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	252212	47.284	ug/l	98
40) Benzene	8.04	78	656165	49.573	ug/l	100
41) Methacrylonitrile	7.18	41	105125	56.211	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	207980	49.717	ug/l	100
43) Isopropyl Acetate	8.17	43	356751	53.299	ug/l	98
44) Trichloroethene	8.83	130	175393	48.797	ug/l	99
45) 1,2-Dichloropropane	9.12	63	177973	50.602	ug/l	98
46) Dibromomethane	9.21	93	111928	51.354	ug/l	98
47) Bromodichloromethane	9.40	83	213726	51.603	ug/l	99
48) Methyl methacrylate	9.20	41	173429	53.577	ug/l	99
49) 1,4-Dioxane	9.20	88	70112	1055.591	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1112571	256.638	ug/l	99
52) Toluene	10.16	92	401342	51.056	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	226019	52.306	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	256231	51.100	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167388	50.769	ug/l	99
56) Ethyl methacrylate	10.43	69	254355	53.616	ug/l	99
57) 1,3-Dichloropropane	10.71	76	275953	51.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	562788	246.701	ug/l	100
59) 2-Hexanone	10.75	43	801054	257.520	ug/l	99
60) Dibromochloromethane	10.90	129	172734	53.271	ug/l	100
61) 1,2-Dibromoethane	11.00	107	174076	53.126	ug/l	99
64) Tetrachloroethene	10.63	164	176883	48.987	ug/l	99
65) Chlorobenzene	11.43	112	436104	50.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	162371	51.530	ug/l	98
67) Ethyl Benzene	11.51	91	762583	50.704	ug/l	99
68) m/p-Xylenes	11.62	106	569189	101.265	ug/l	99
69) o-Xylene	11.95	106	279948	50.661	ug/l	98
70) Styrene	11.96	104	473607	53.013	ug/l	100
71) Bromoform	12.13	173	129317	53.938	ug/l #	98
73) Isopropylbenzene	12.25	105	740351	48.842	ug/l	99
74) N-amyl acetate	12.07	43	277964	49.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	238775	54.577	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	211404m	51.416	ug/l	
77) Bromobenzene	12.52	156	196125	49.468	ug/l	97
78) n-propylbenzene	12.59	91	817305	48.568	ug/l	99
79) 2-Chlorotoluene	12.67	91	496440	53.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	628997	48.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66505	49.953	ug/l	100
82) 4-Chlorotoluene	12.77	91	483506	48.960	ug/l	100
83) tert-Butylbenzene	12.99	119	544068	54.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	617842	49.228	ug/l	99
85) sec-Butylbenzene	13.17	105	699224	48.981	ug/l	99
86) p-Isopropyltoluene	13.29	119	638114	49.344	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	319071	49.107	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	311821	49.337	ug/l	99
89) n-Butylbenzene	13.61	91	503690	48.354	ug/l	99
90) Hexachloroethane	13.87	117	106130	50.749	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	326618	49.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	40620	49.975	ug/l	99

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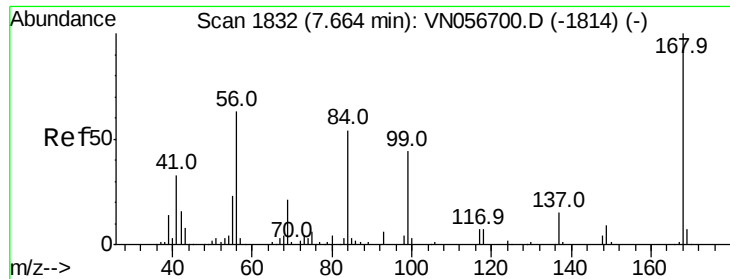
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	158286	43.623	ug/l	99
94) Hexachlorobutadiene	15.01	225	111472	53.481	ug/l	99
95) Naphthalene	15.13	128	403352	40.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161639	44.721	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 299924

Ion Ratio Lower Upper

168 100

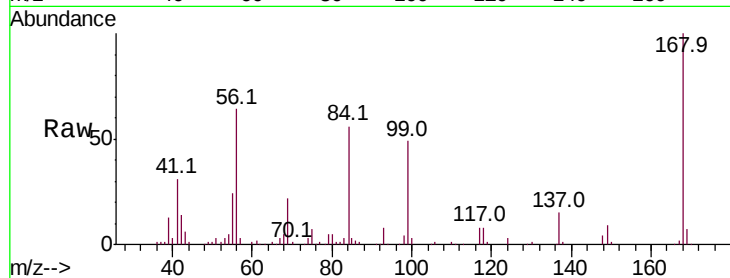
99 48.7 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

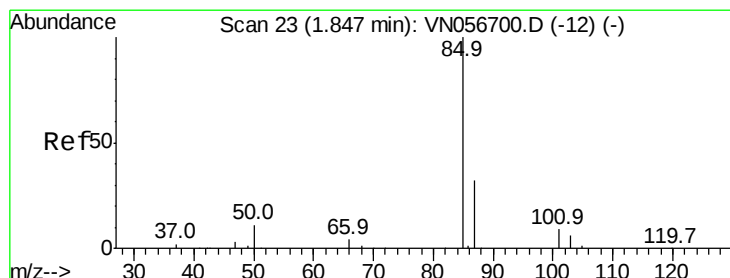
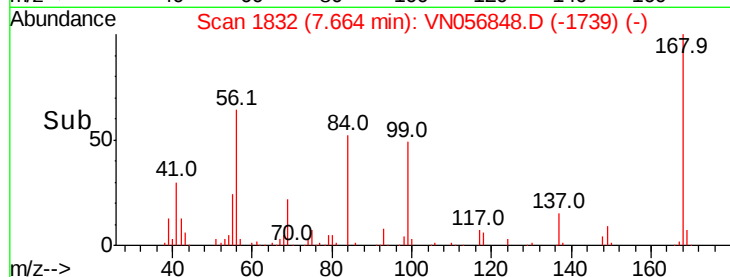
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50000

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Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 45.248 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN056848.D

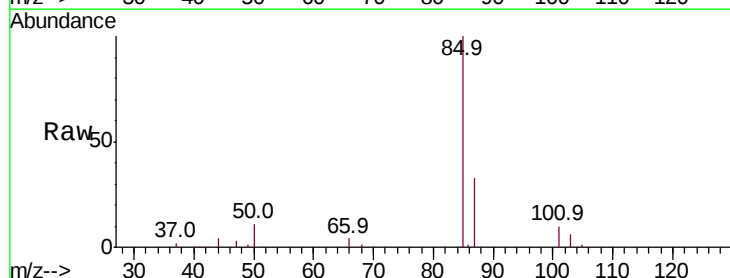
Acq: 19 Jul 2019 21:30

Tgt Ion: 85 Resp: 127429

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

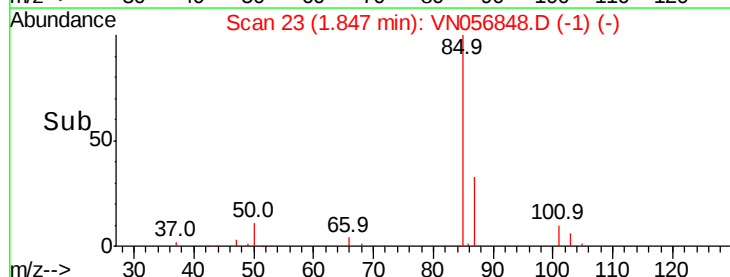
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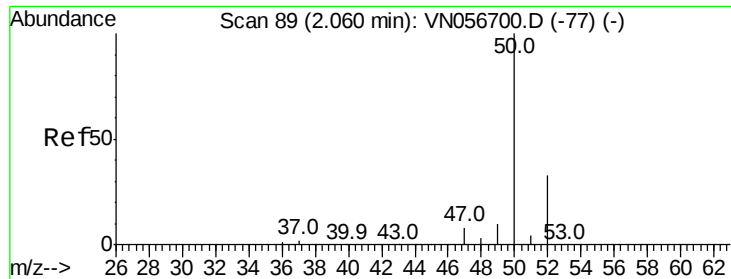
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1.80 1.90





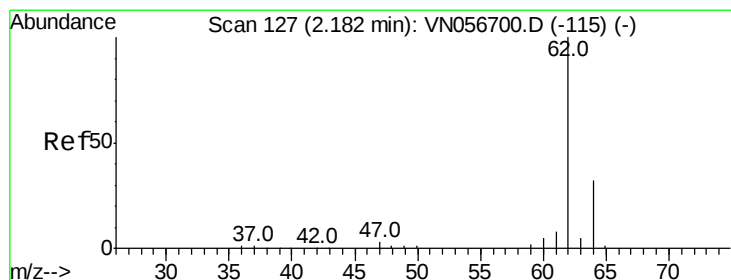
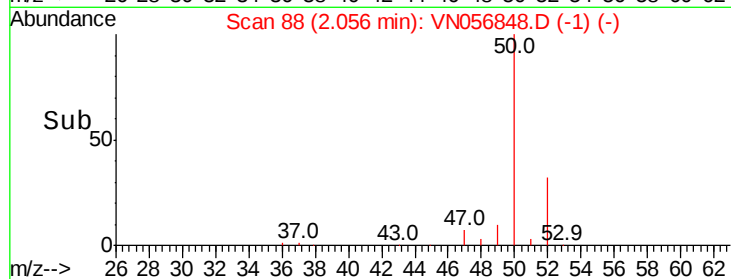
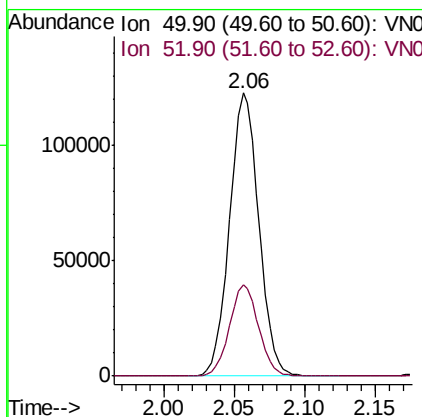
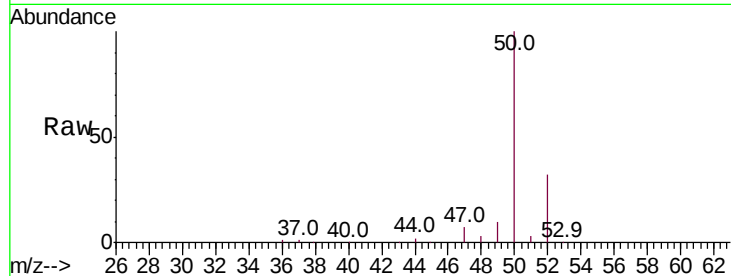
#3
Chloromethane
Concen: 47.080 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

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Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.5	39.7

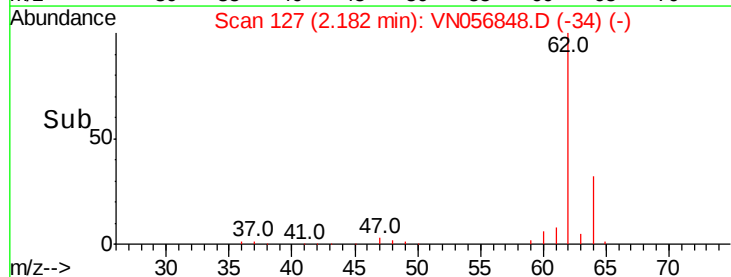
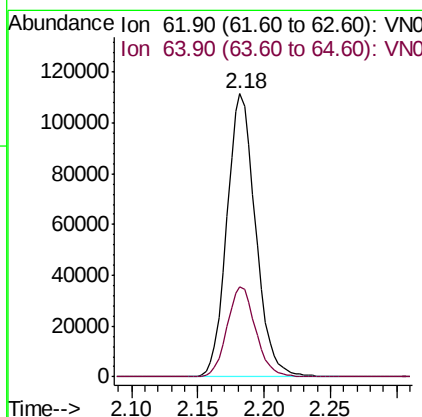
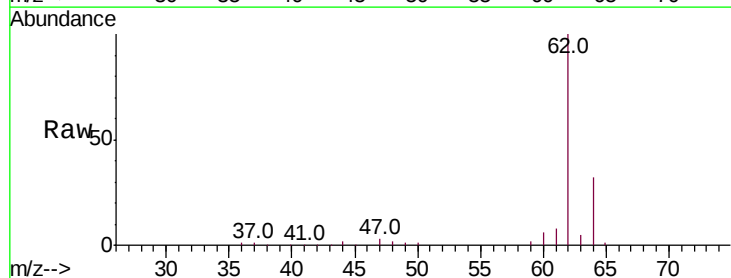
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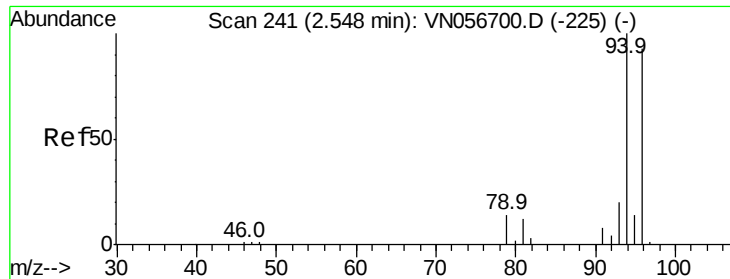
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#4
Vinyl Chloride
Concen: 46.036 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.6	38.4





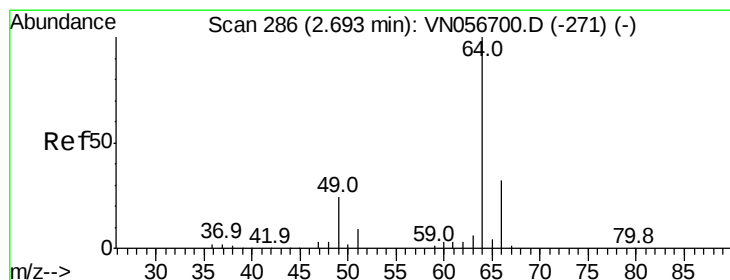
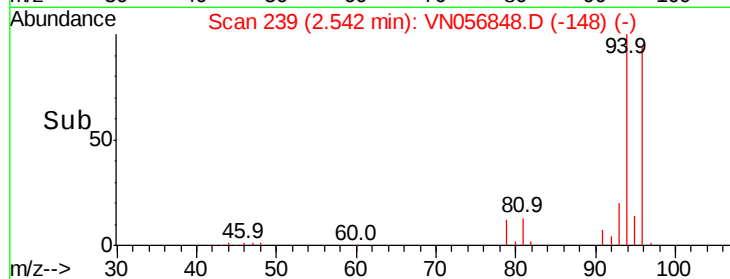
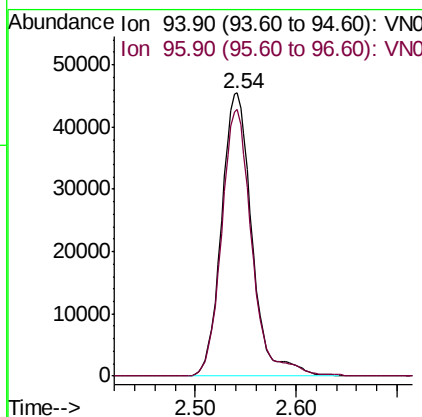
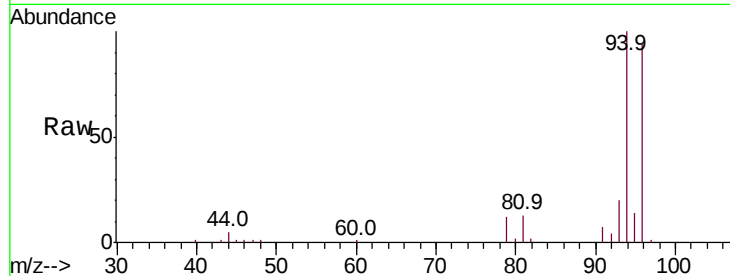
#5
Bromomethane
Concen: 44.813 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
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Tot Ion: 94 Resp: 96086
Ion Ratio Lower Upper
94 100
96 94.1 74.0 111.0

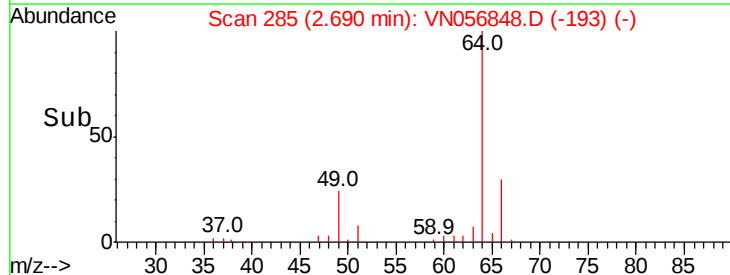
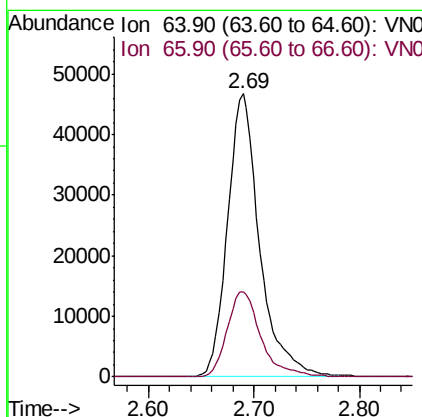
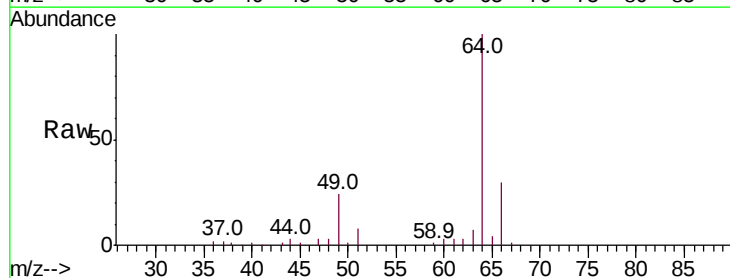
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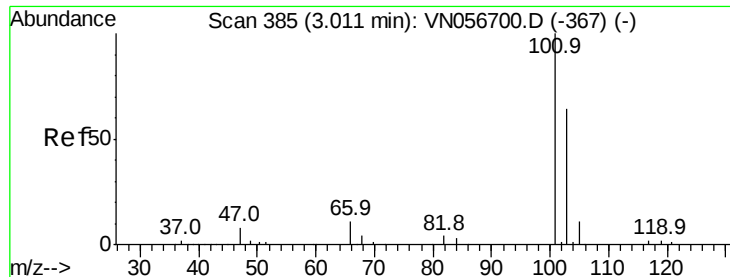
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#6
Chloroethane
Concen: 46.300 ug/l
RT: 2.69 min Scan# 285
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 64 Resp: 98374
Ion Ratio Lower Upper
64 100
66 30.0 25.8 38.8





#7

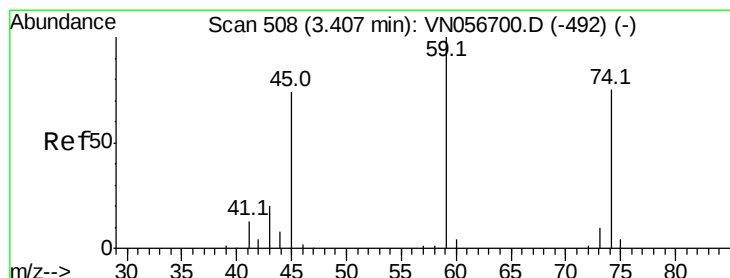
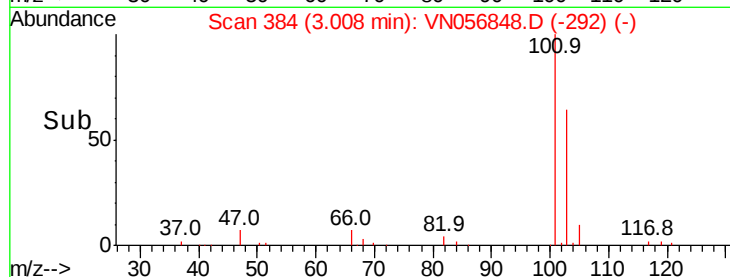
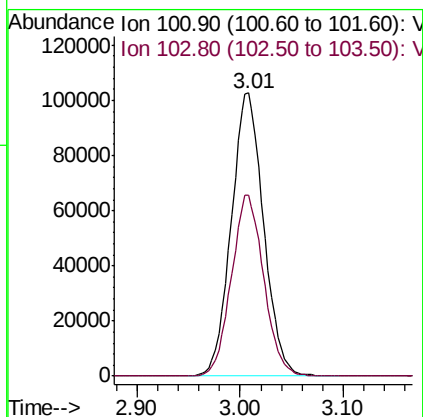
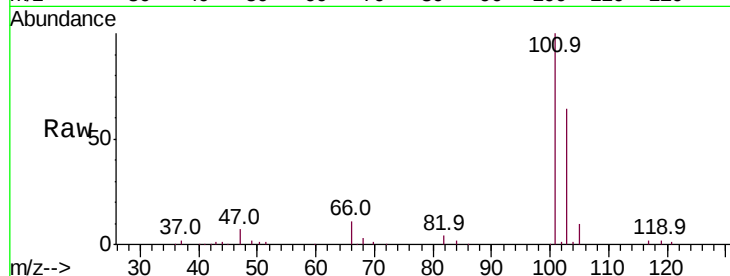
Trichlorofluoromethane
 Concen: 47.933 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.5	77.3

Manual Integrations
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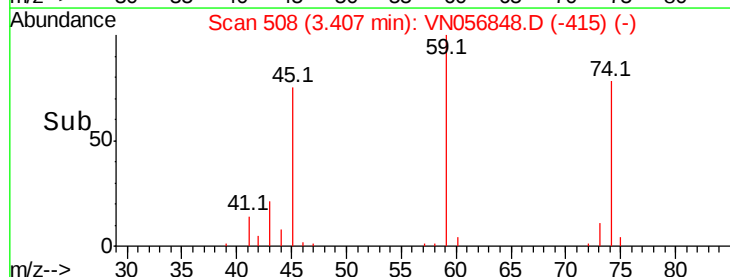
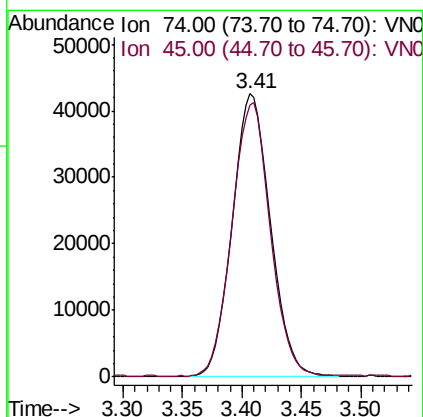
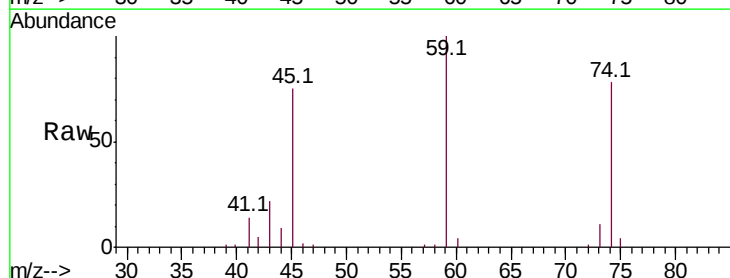
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 7/23/2019 4:32:38 AM

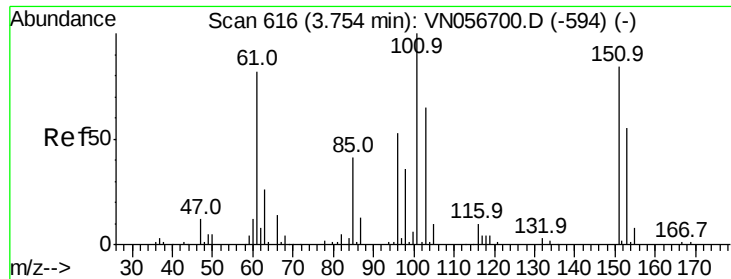


#8

Diethyl Ether
 Concen: 51.899 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	49.4	148.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.129 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN056848.D

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Instrument :

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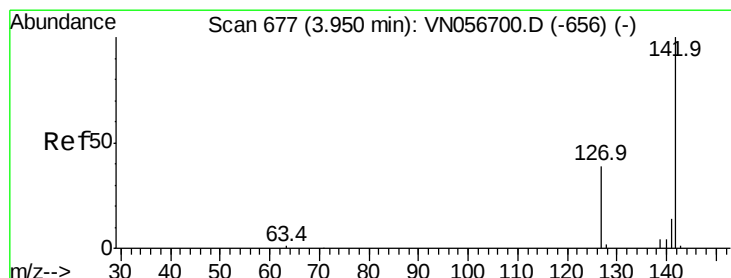
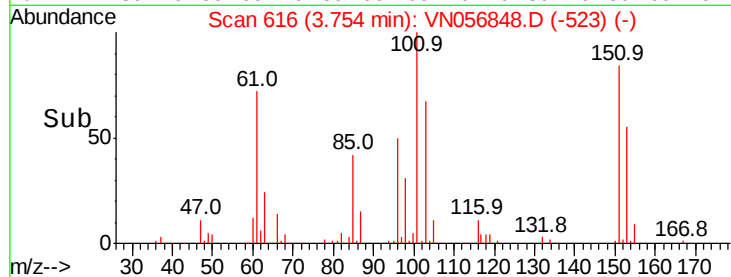
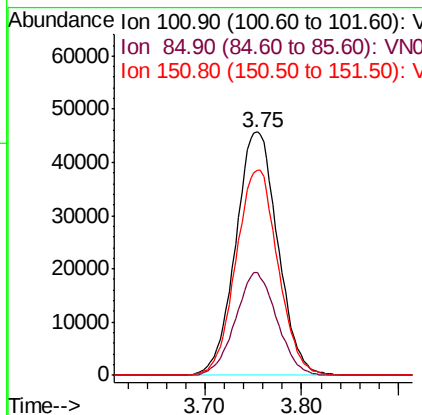
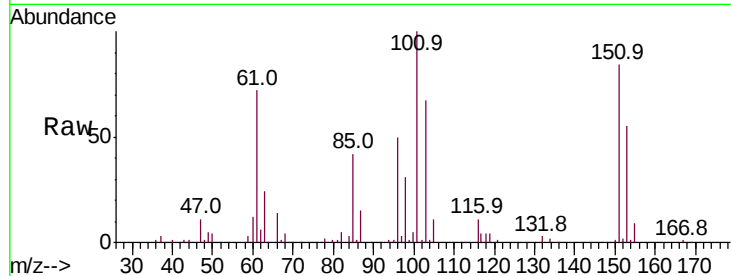
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	138096
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.3	49.9
151	84.2	67.0	100.6

Manual Integrations
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7/23/2019 4:32:38 AM



#10

Methyl Iodide

Concen: 49.467 ug/l

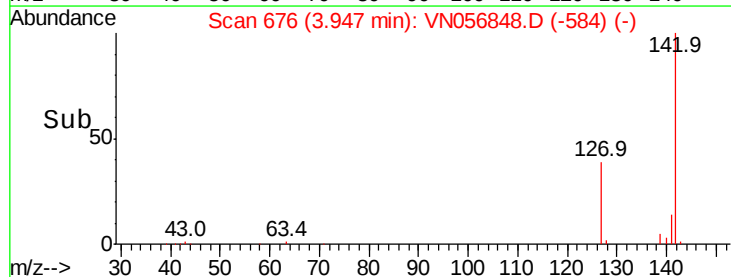
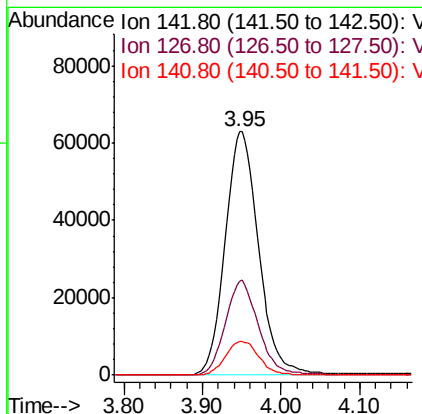
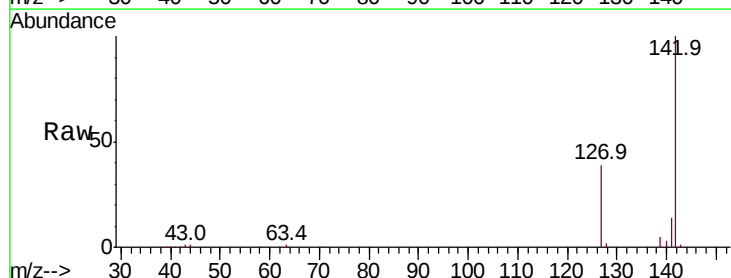
RT: 3.95 min Scan# 676

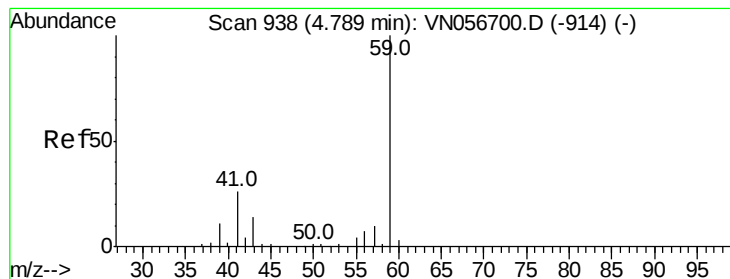
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion:	142	Resp:	185981
Ion Ratio	Lower	Upper	
142	100		
127	38.1	30.7	46.1
141	13.8	11.3	16.9





#11

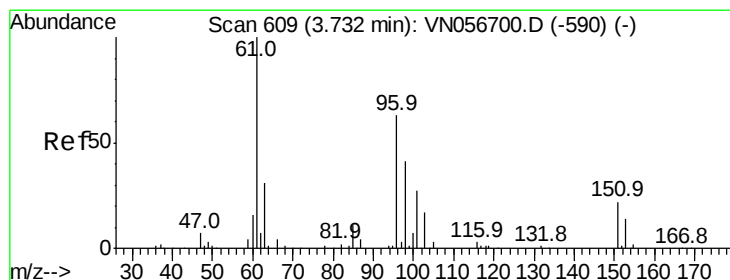
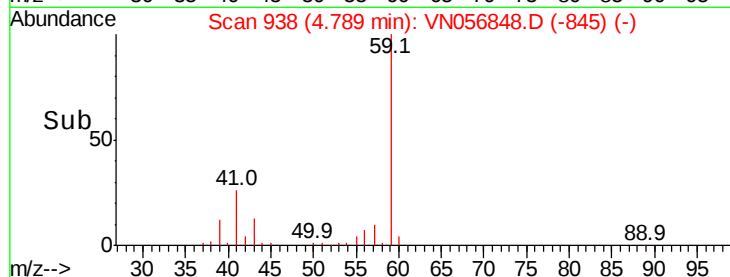
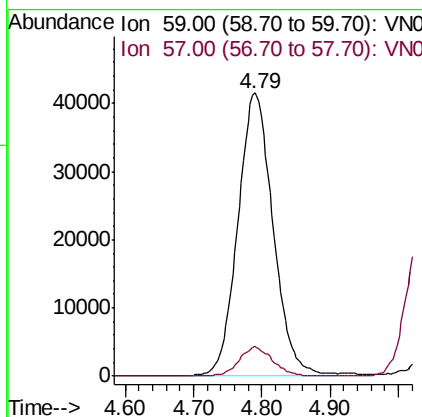
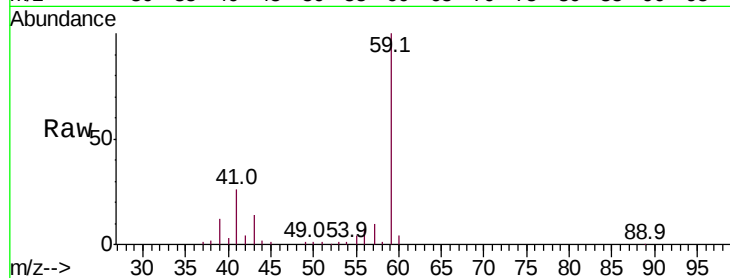
Tert butyl alcohol
 Concen: 270.272 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

Manual Integrations
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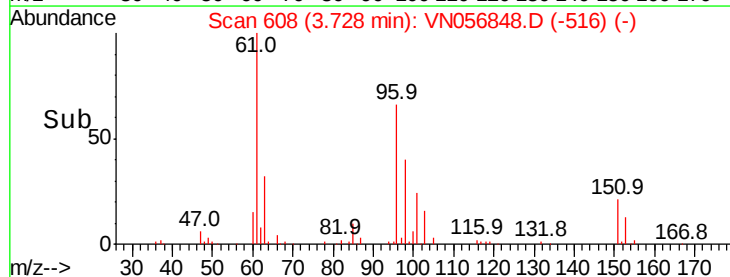
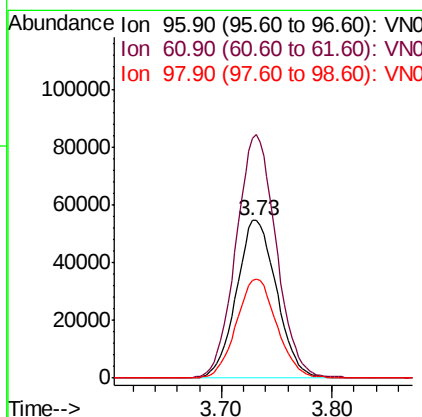
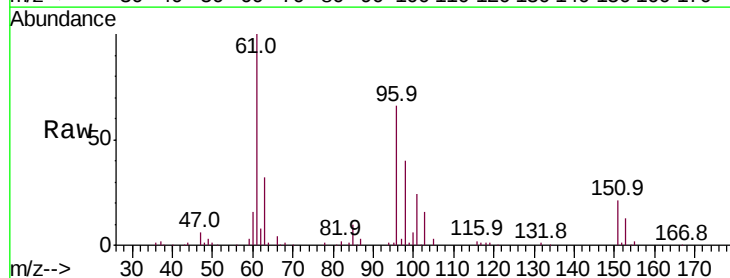
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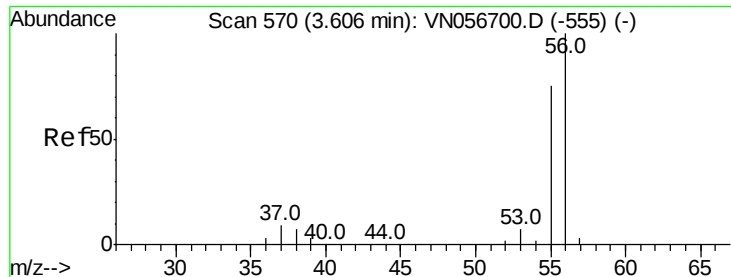


#12

1,1-Dichloroethene
 Concen: 49.086 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	126.6	189.8
98	61.7	51.4	77.2





#13

Acrolein

Concen: 224.901 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42207

Ion Ratio Lower Upper

56 100

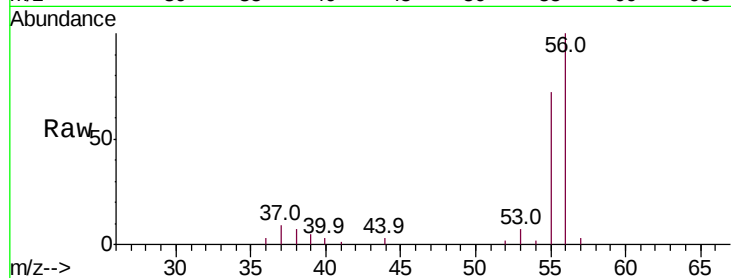
55 70.3 58.0 87.0

Manual Integrations

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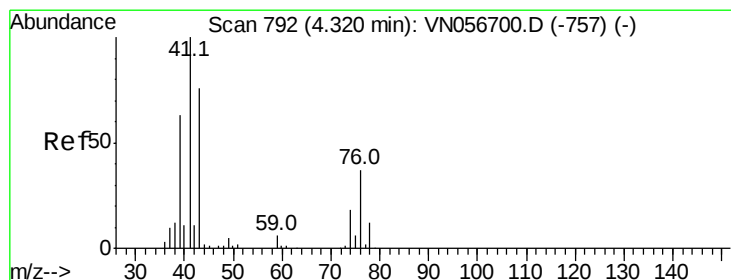
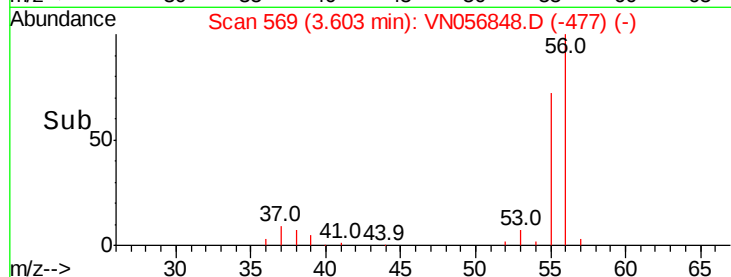
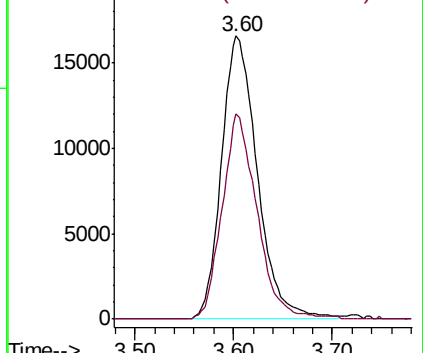
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.475 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

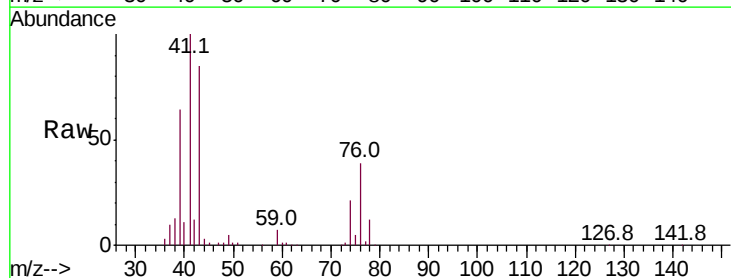
Tgt Ion: 41 Resp: 236358

Ion Ratio Lower Upper

41 100

39 58.6 46.9 70.3

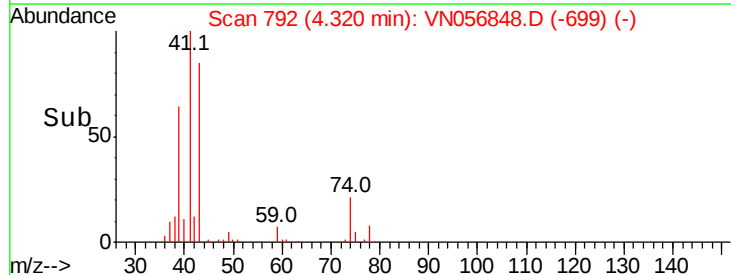
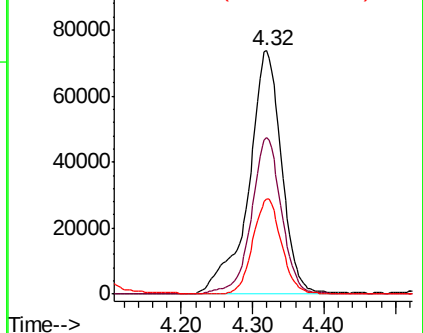
76 33.9 26.5 39.7

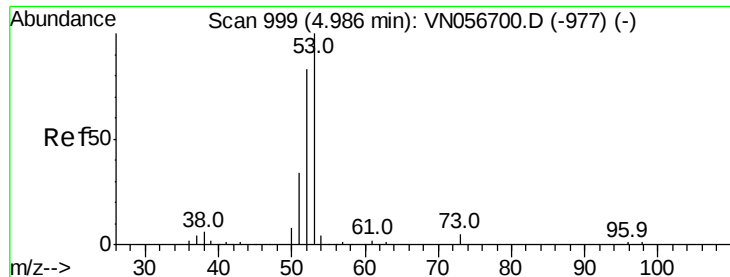


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 261.772 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

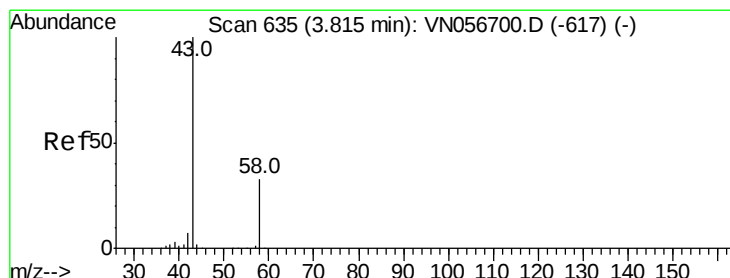
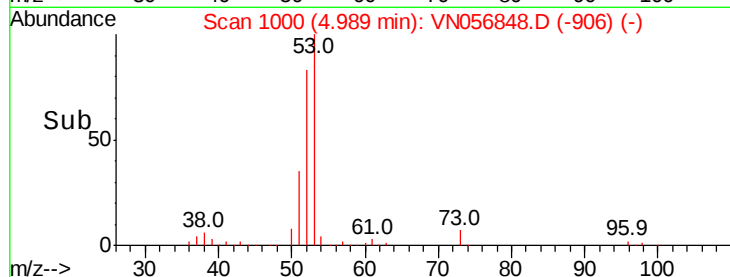
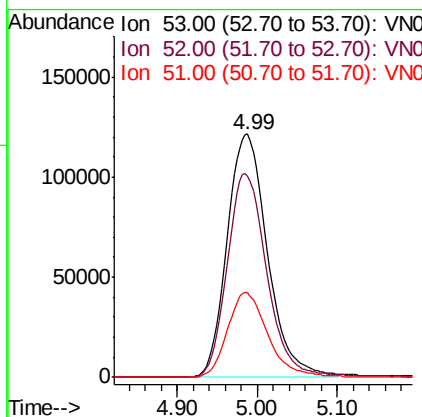
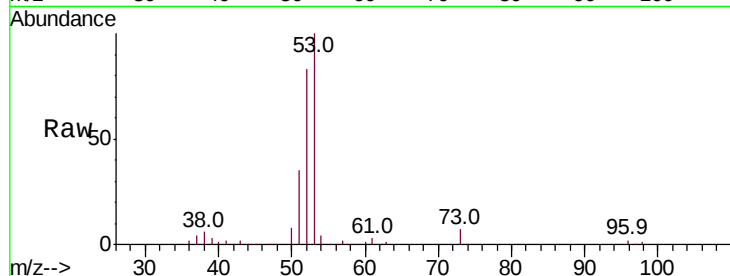
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	417447
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.6	99.8
51	35.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 214.204 ug/l

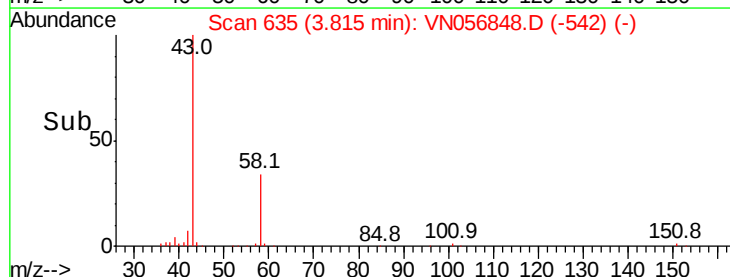
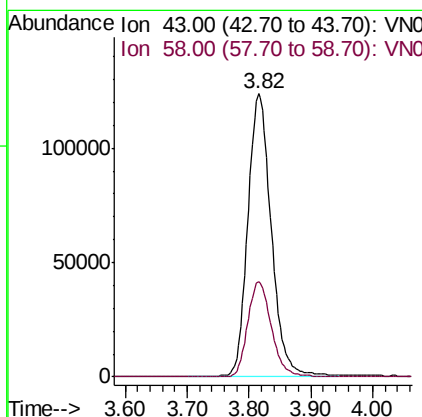
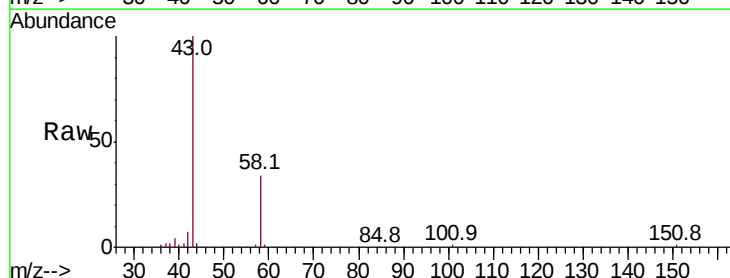
RT: 3.82 min Scan# 635

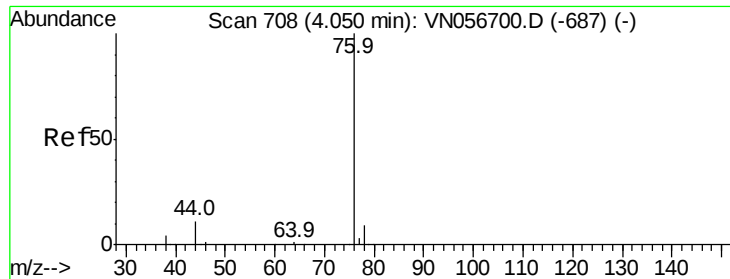
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion:	43	Resp:	327479
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.7	40.1





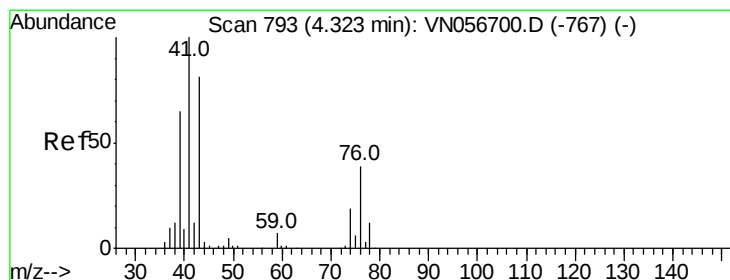
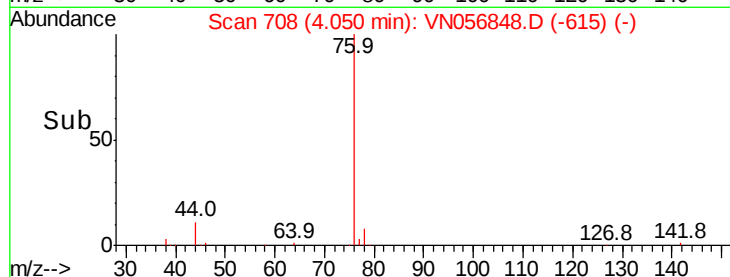
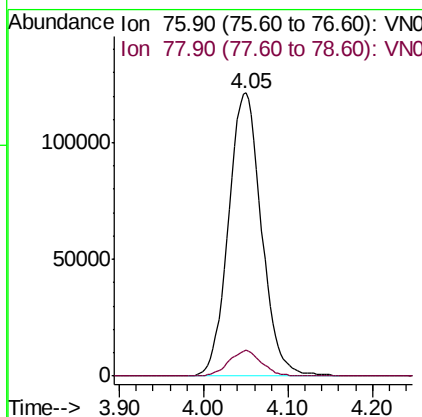
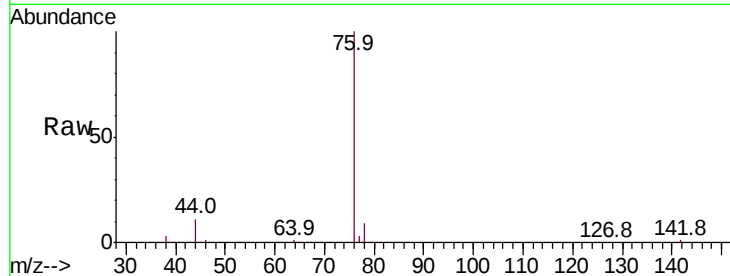
#17
Carbon Disulfide
Concen: 44.439 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 331095
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

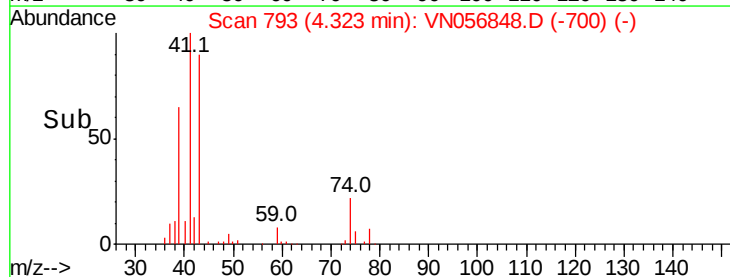
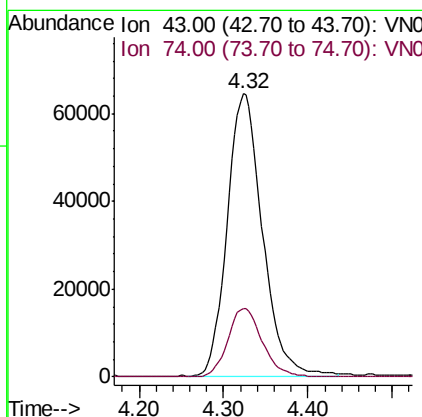
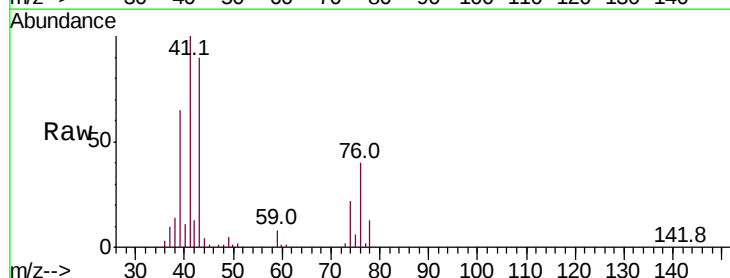
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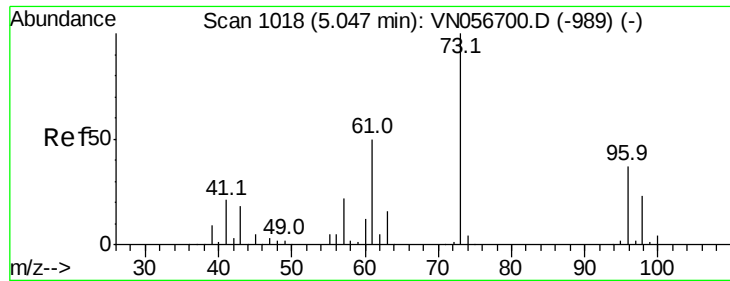
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#18
Methyl Acetate
Concen: 54.254 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 186003
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3





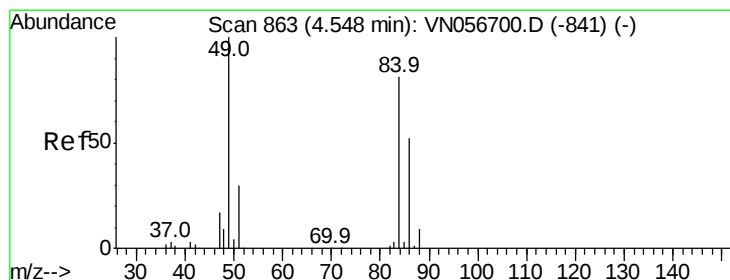
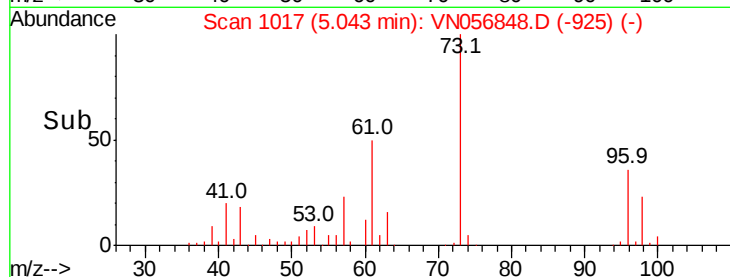
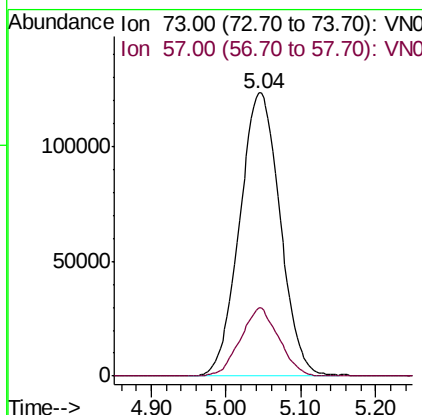
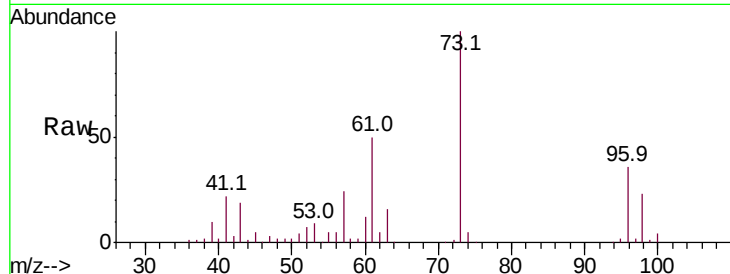
#19
Methyl tert-butyl Ether
Concen: 51.590 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 463458
Ion Ratio Lower Upper
73 100
57 24.0 17.9 26.9

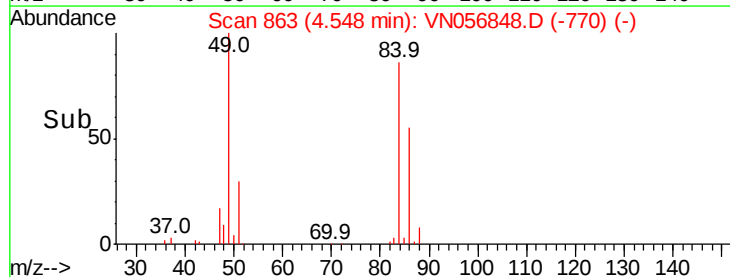
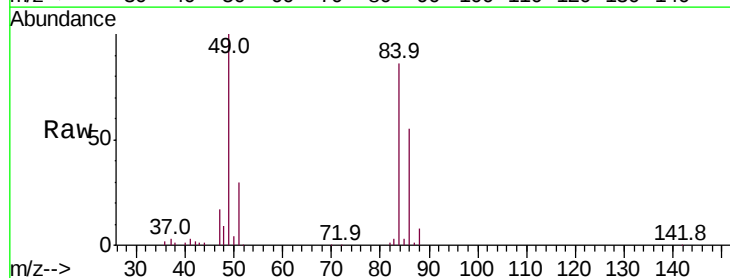
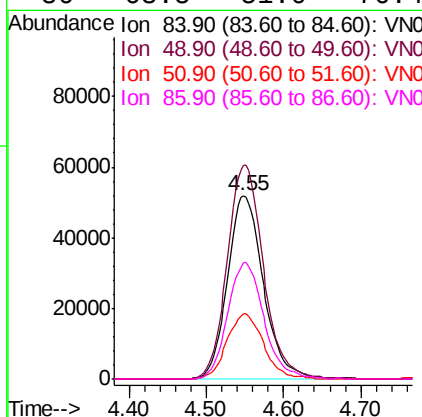
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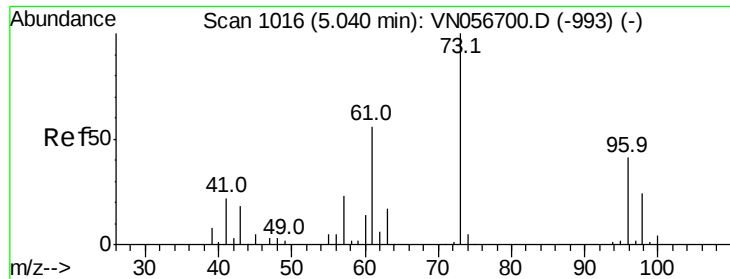
MMDadoda
7/23/2019 4:32:38 AM



#20
Methylene Chloride
Concen: 49.970 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 84 Resp: 166948
Ion Ratio Lower Upper
84 100
49 116.3 98.2 147.4
51 35.5 29.6 44.4
86 63.5 51.0 76.4





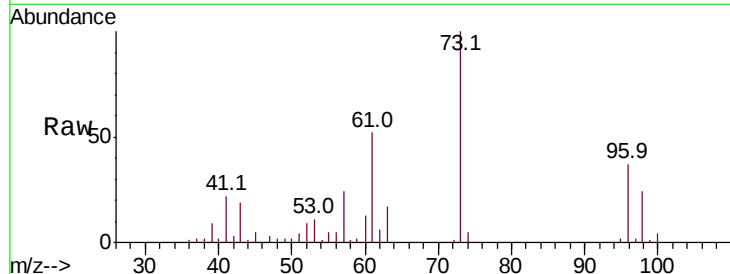
#21
trans-1,2-Dichloroethene
Concen: 49.431 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	109.4	164.2
98	64.2	48.0	72.0

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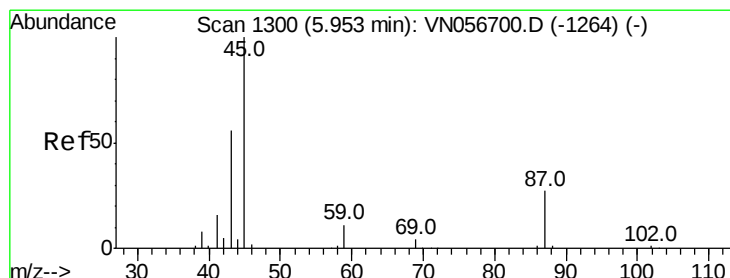
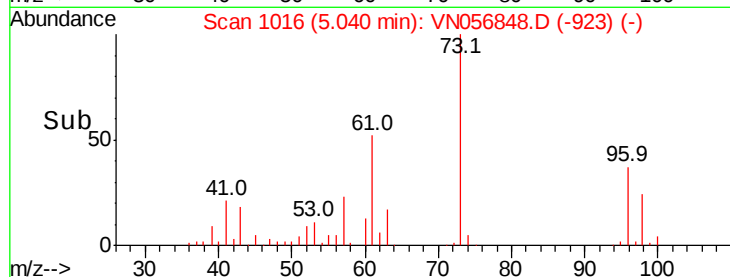
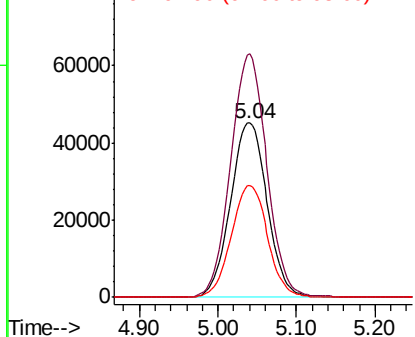


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 52.151 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.6	68.4
87	28.5	22.0	33.0
59	11.8	9.3	13.9

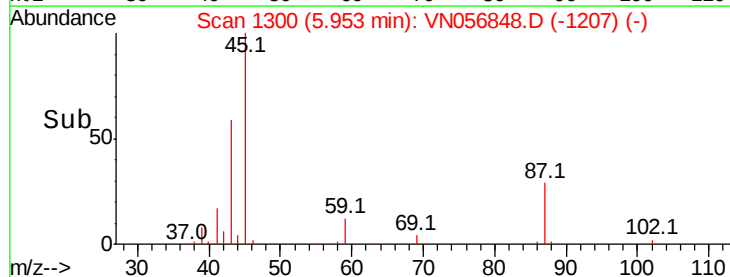
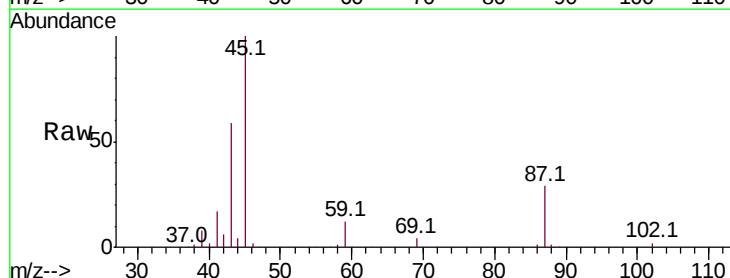
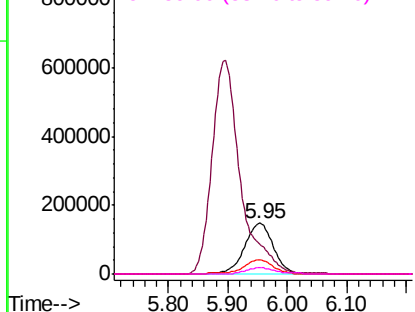
Abundance

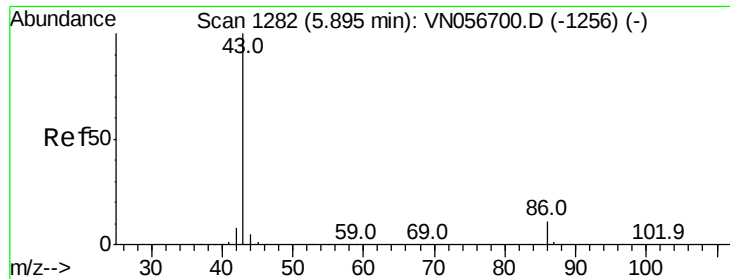
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 264.626 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2063822

Ion Ratio Lower Upper

43 100

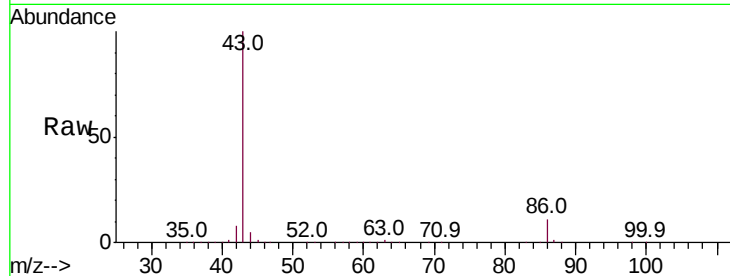
86 10.5 8.5 12.7

Manual Integrations

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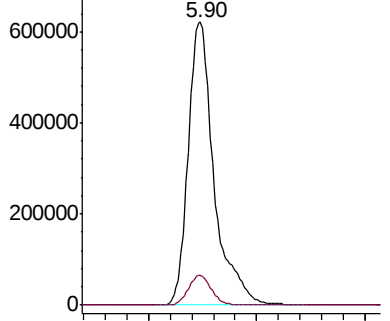
MMDadoda

7/23/2019 4:32:38 AM

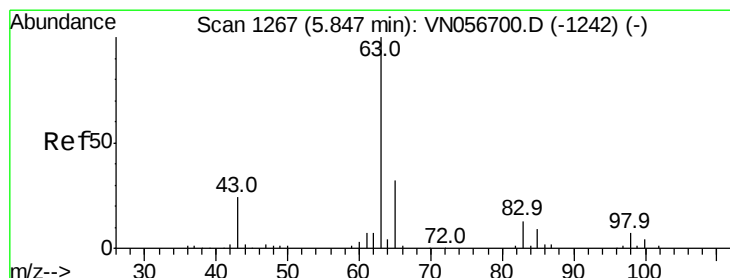
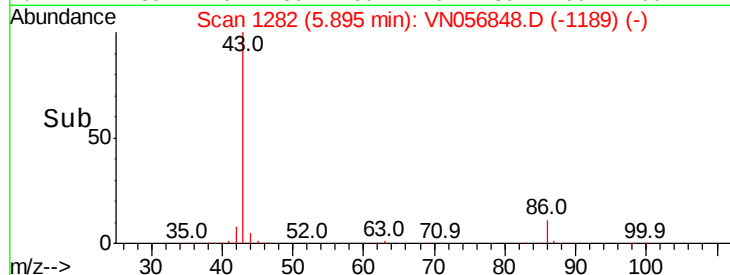


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 50.171 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

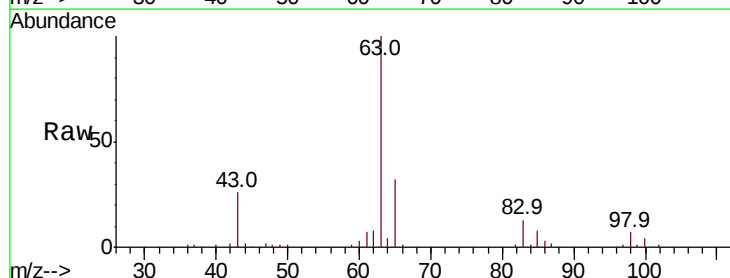
Tgt Ion: 63 Resp: 279954

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

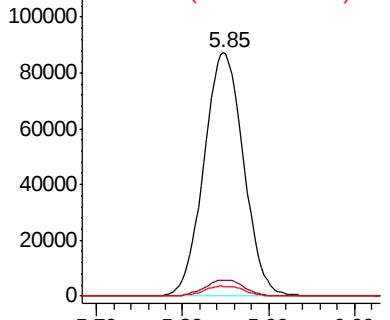
100 4.1 2.0 5.8



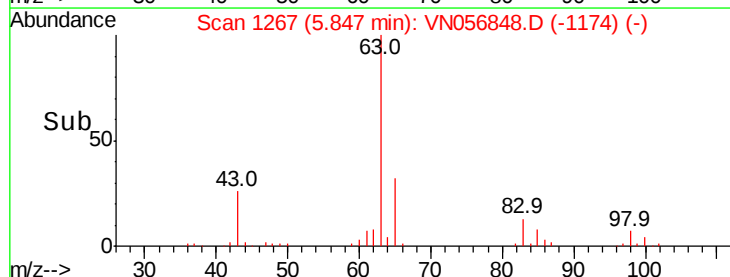
Abundance Ion 62.90 (62.60 to 63.60): VN0

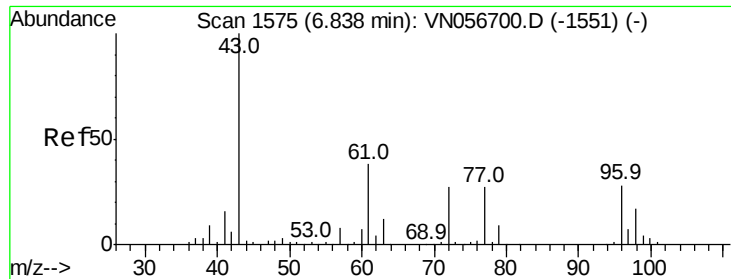
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->





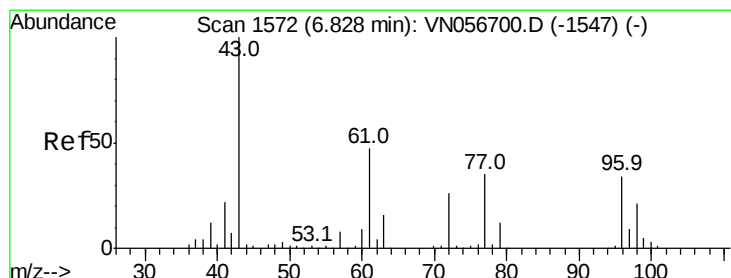
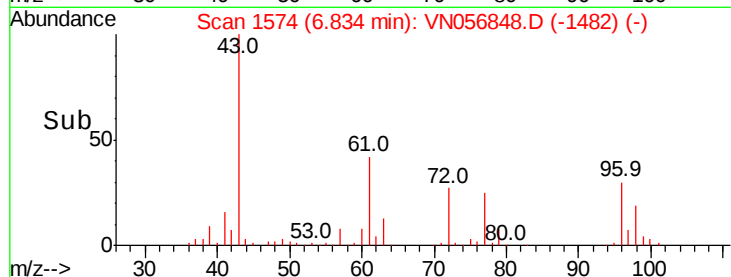
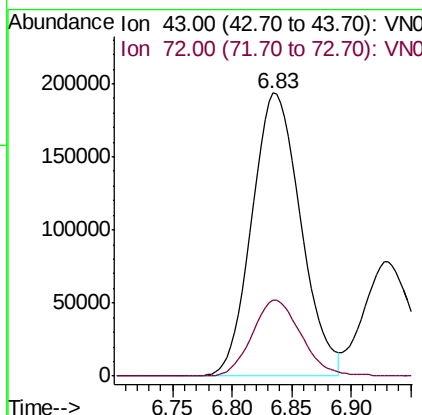
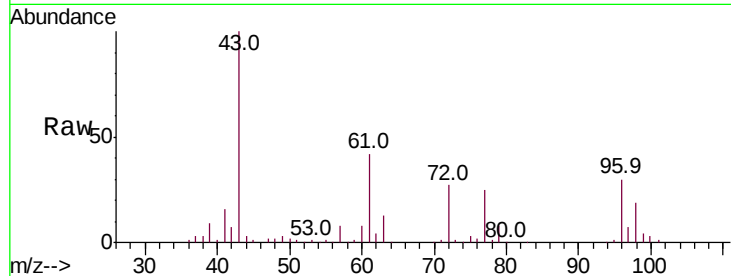
#25
2-Butanone
Concen: 246.359 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 550649
Ion Ratio Lower Upper
43 100
72 26.8 21.2 31.8

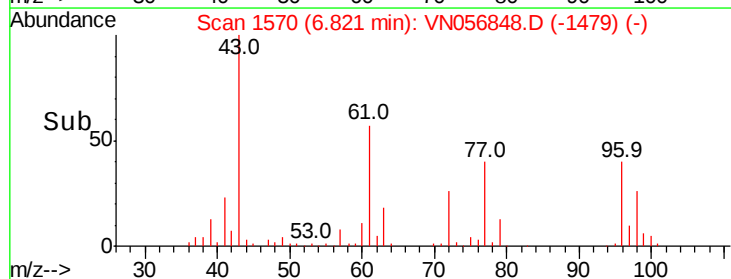
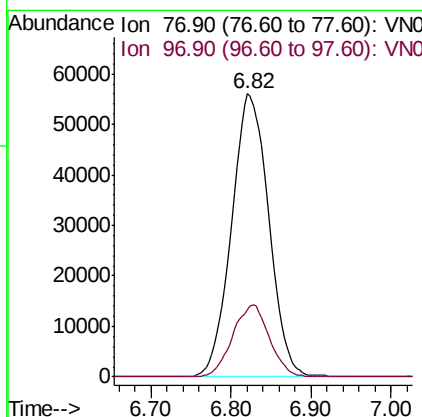
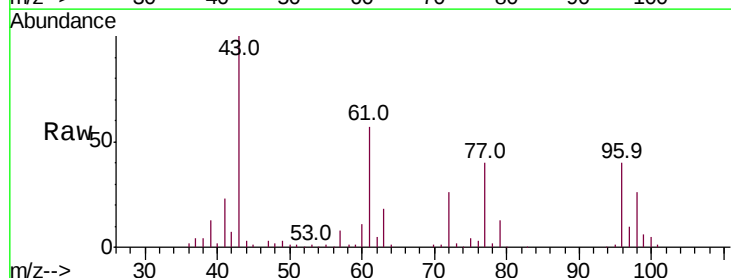
Manual Integrations
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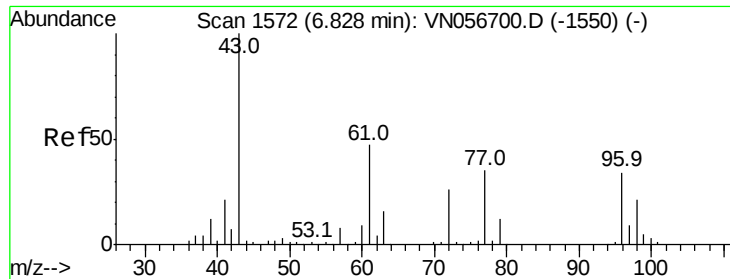
MMDadoda
7/23/2019 4:32:38 AM



#26
2,2-Dichloropropane
Concen: 43.856 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 77 Resp: 176450
Ion Ratio Lower Upper
77 100
97 25.2 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.299 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

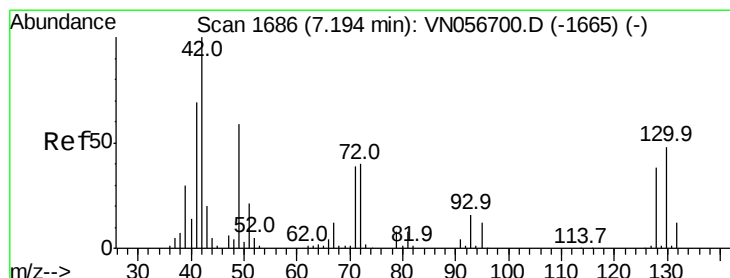
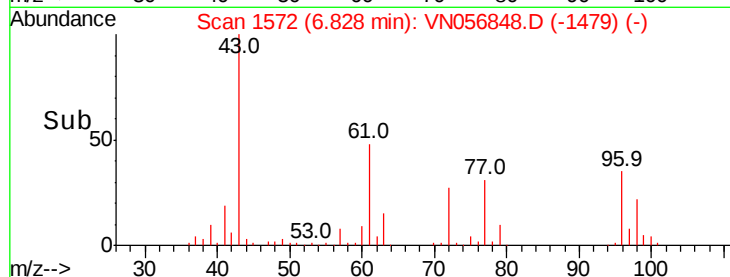
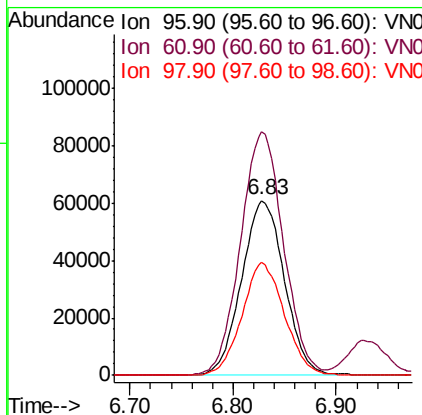
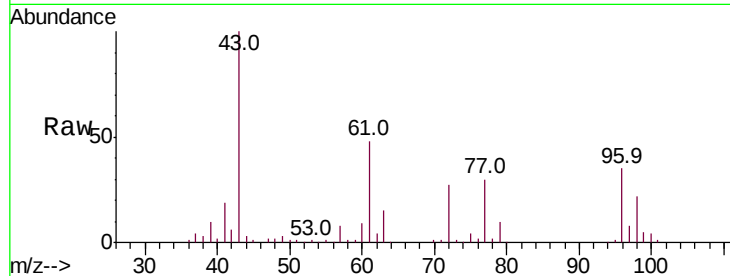
ClientSampleId :

VSTDCCC050EC

Tot Ion	96	Resp	175922
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	281.4
98	64.0	0.0	127.8

Manual Integrations
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#28

Bromochloromethane

Concen: 51.530 ug/l

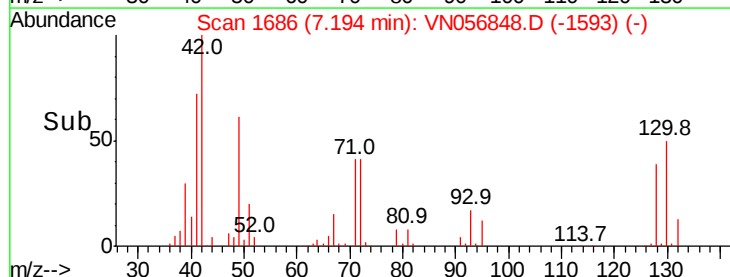
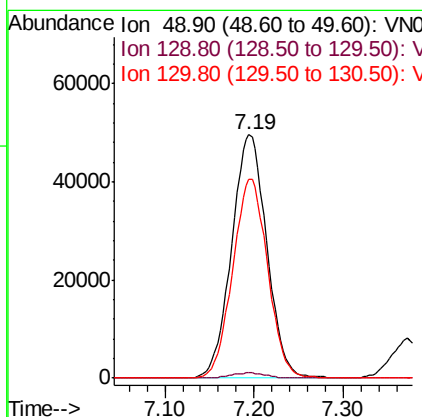
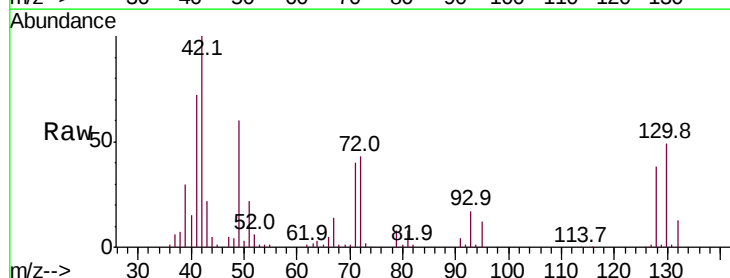
RT: 7.19 min Scan# 1686

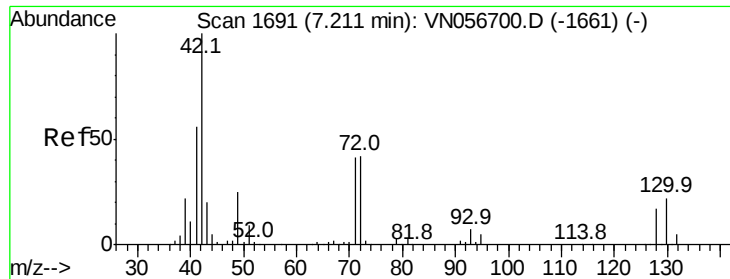
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion	49	Resp	135193
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	81.3	64.7	97.1





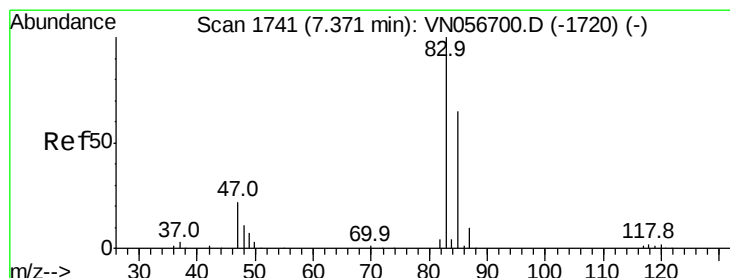
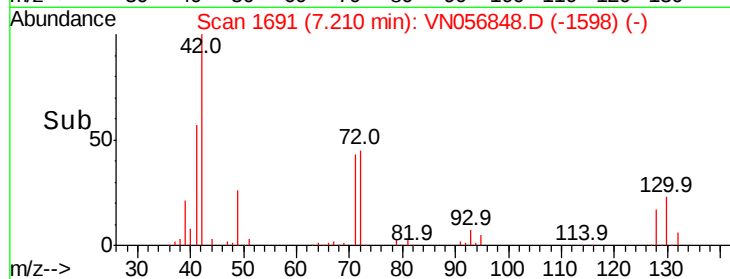
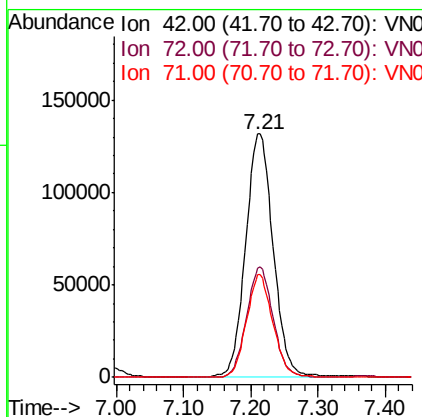
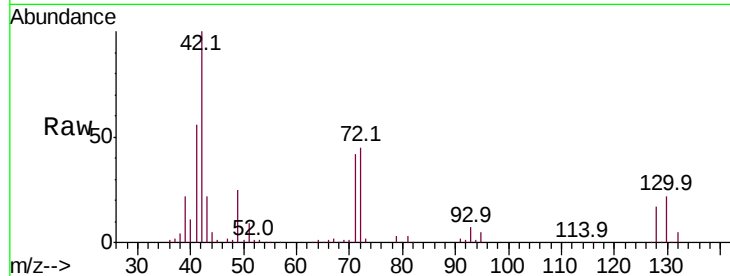
#29
Tetrahydrofuran
Concen: 257.787 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	33.5	50.3
71	40.3	31.8	47.8

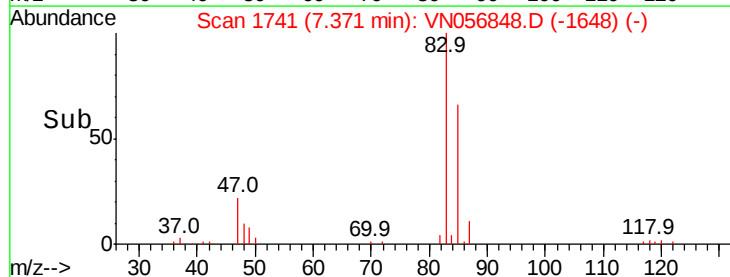
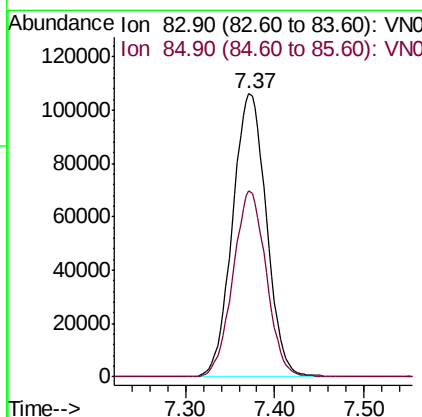
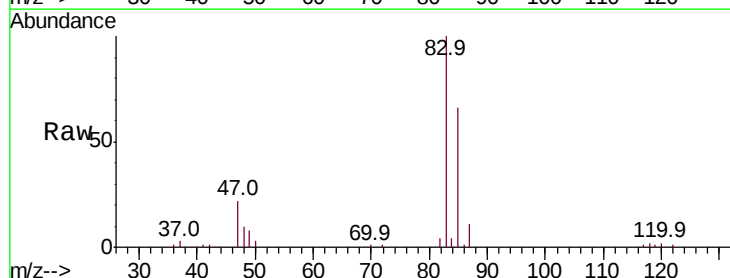
Manual Integrations
APPROVED

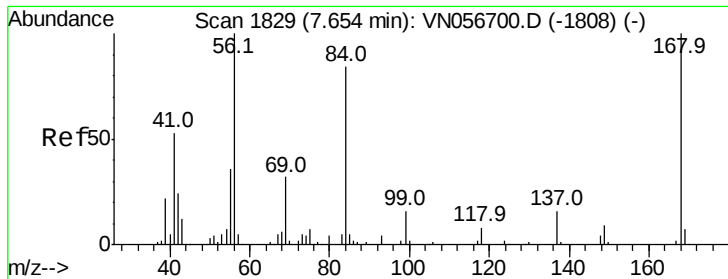
MMDadoda
7/23/2019 4:32:38 AM



#30
Chloroform
Concen: 50.157 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9





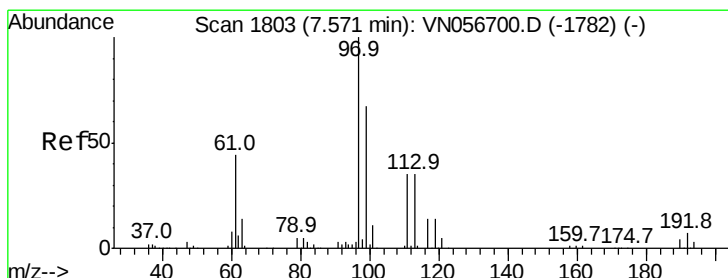
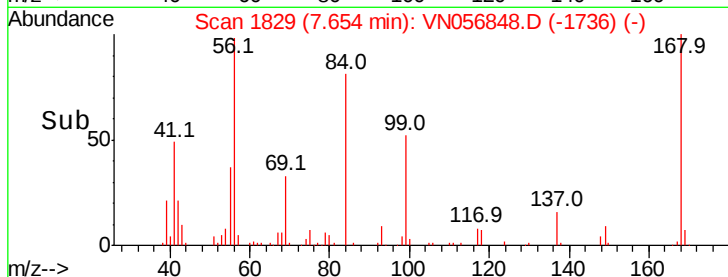
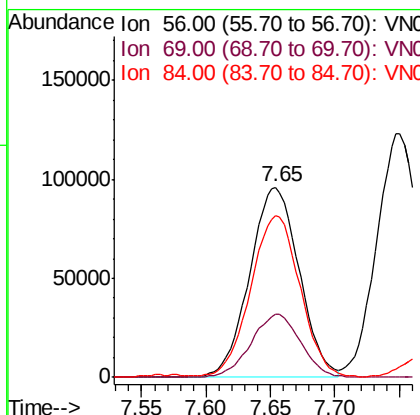
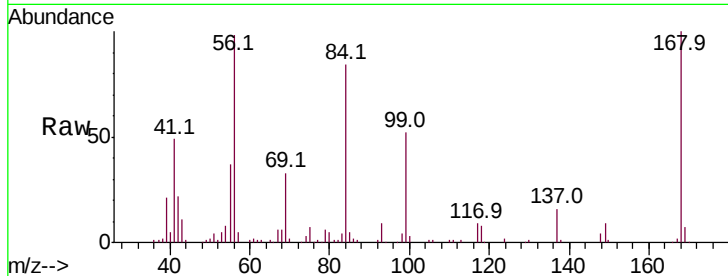
#31
Cyclohexane
Concen: 48.371 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.8	38.8
84	84.2	67.4	101.0

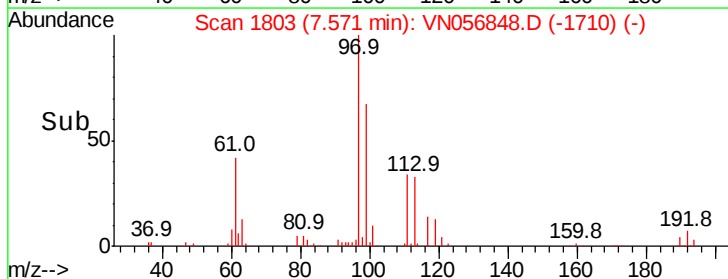
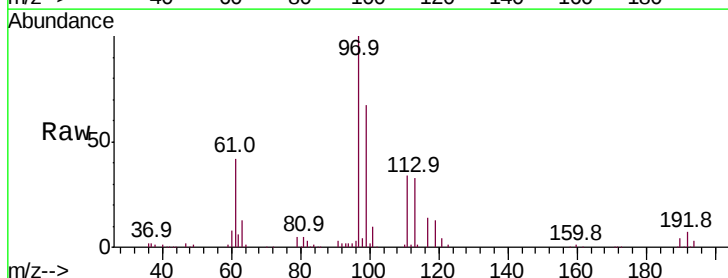
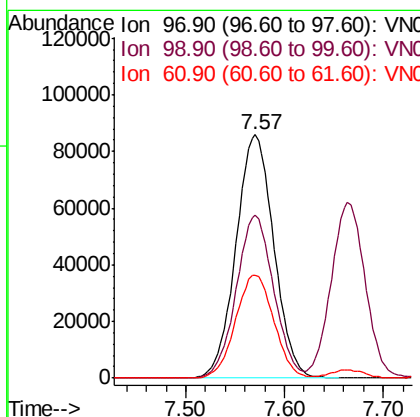
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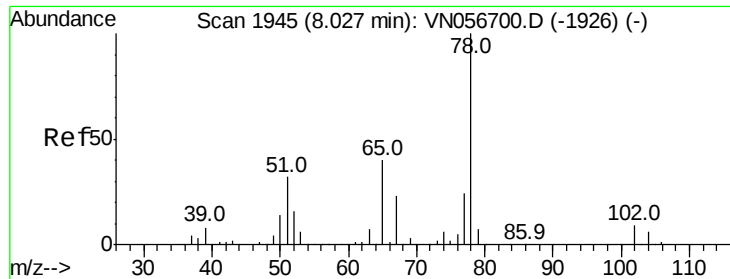
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#32
1,1,1-Trichloroethane
Concen: 51.682 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.0	78.0
61	42.9	34.3	51.5





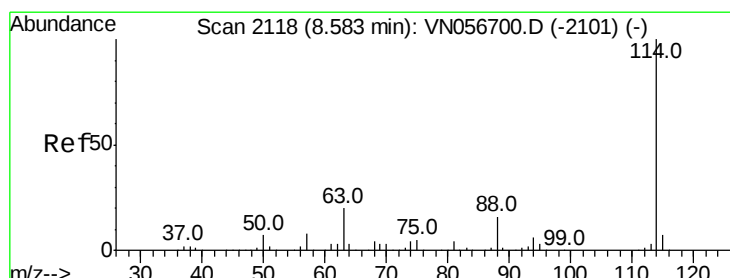
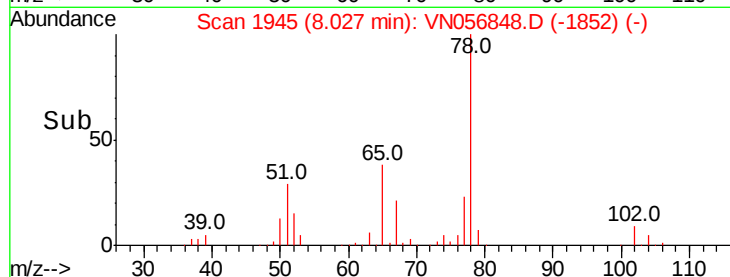
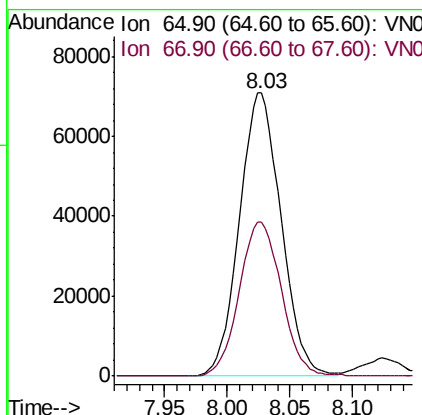
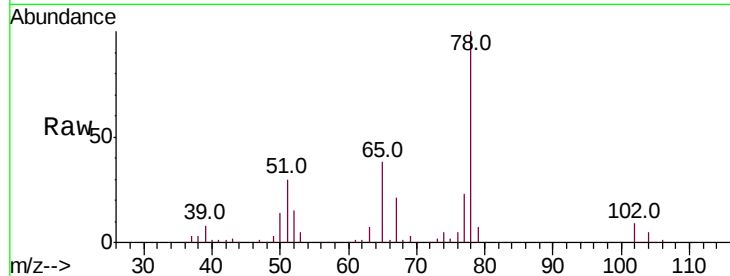
#33
 1,2-Dichloroethane-d4
 Concen: 49.450 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.0

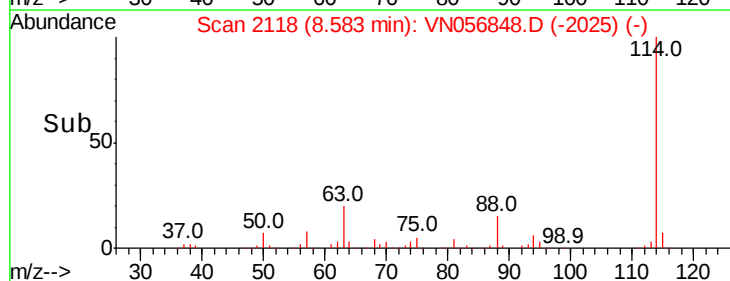
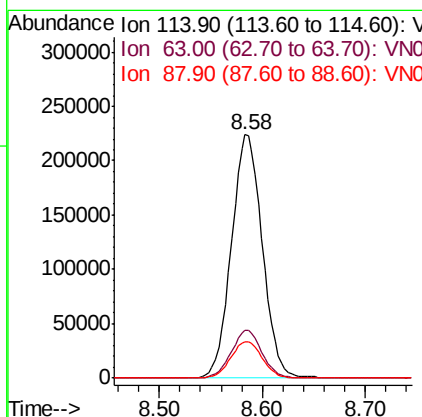
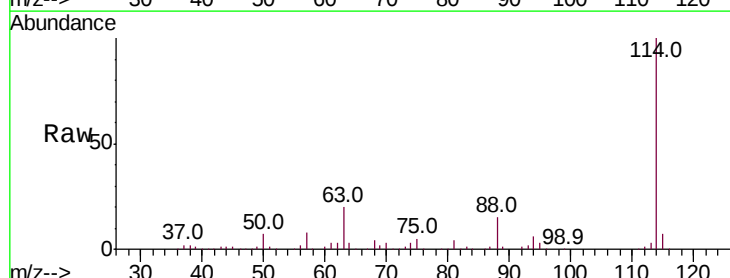
Manual Integrations
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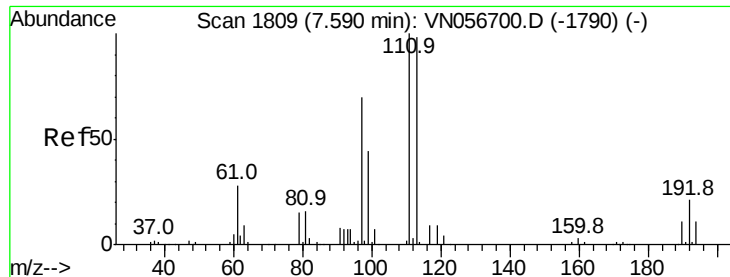
MMDadoda
 7/23/2019 4:32:38 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.4
88	14.9	0.0	31.2





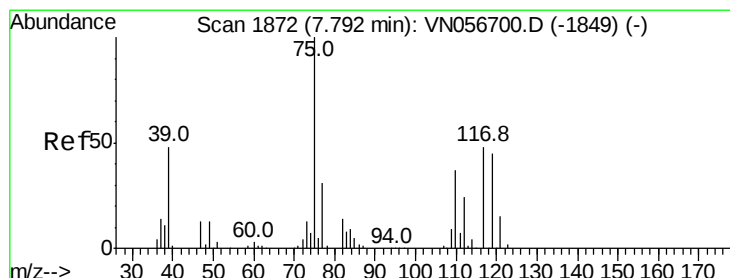
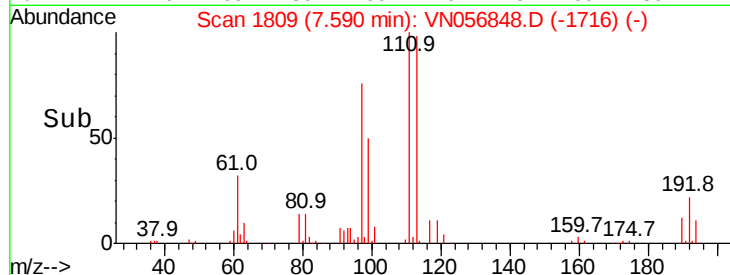
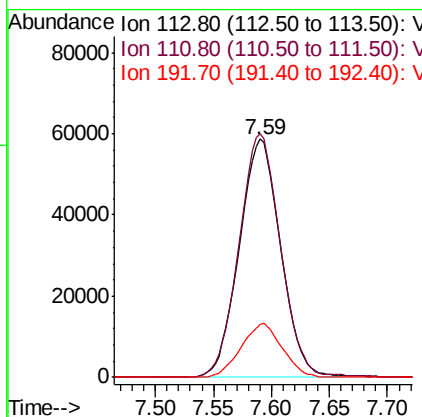
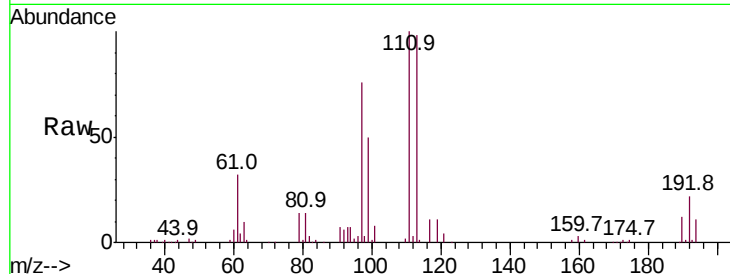
#35
 Dibromofluoromethane
 Concen: 50.050 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	22.4	17.5	26.3

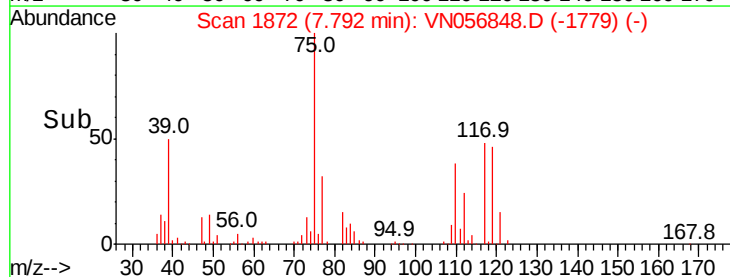
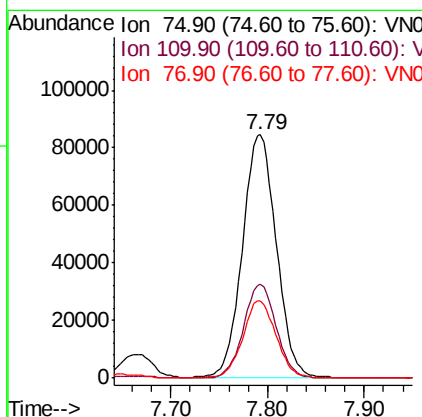
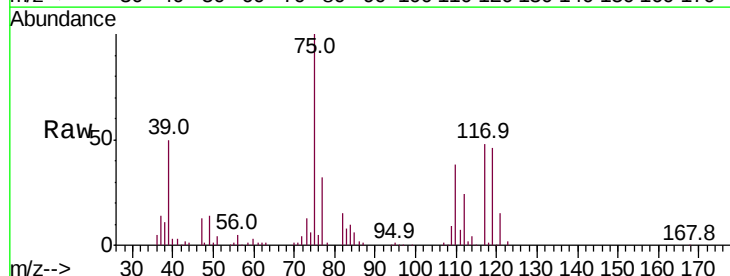
Manual Integrations
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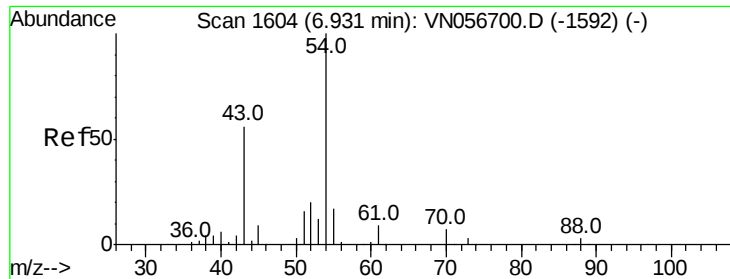
MMDadoda
 7/23/2019 4:32:38 AM



#36
 1,1-Dichloropropene
 Concen: 47.559 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.4
77	31.3	24.6	36.8





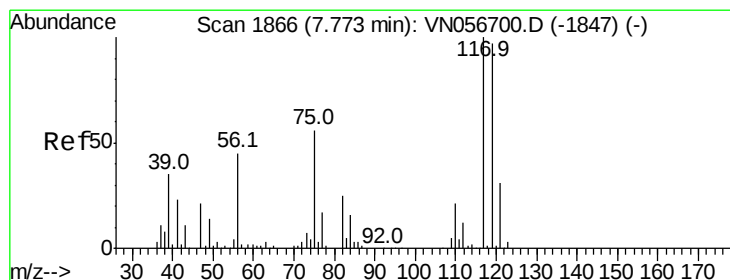
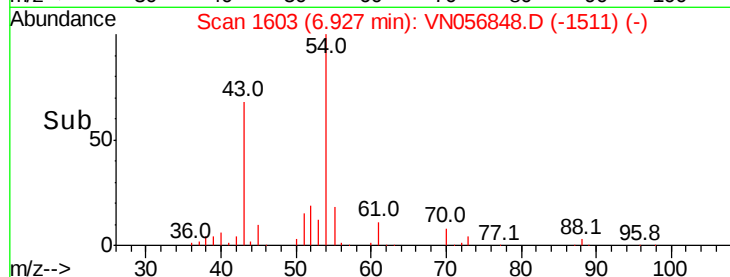
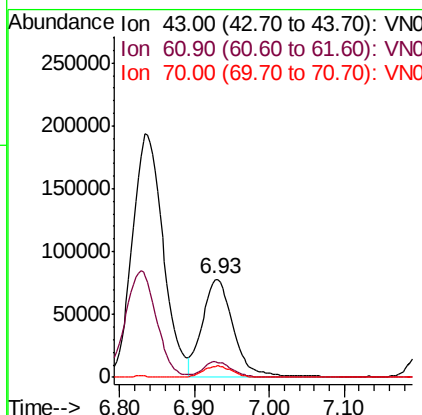
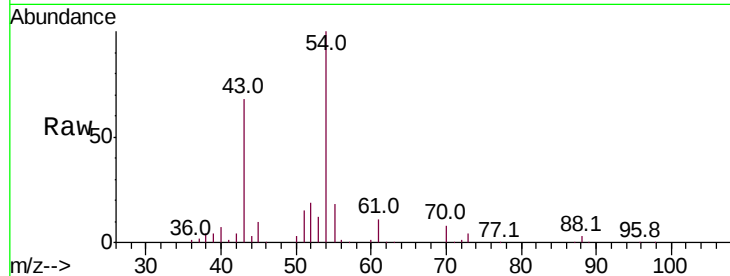
#37
Ethyl Acetate
Concen: 52.408 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	11.0	8.5	12.7

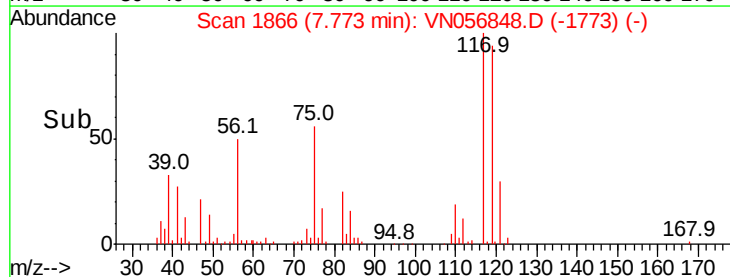
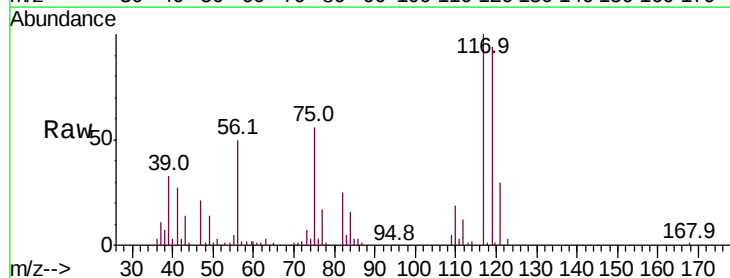
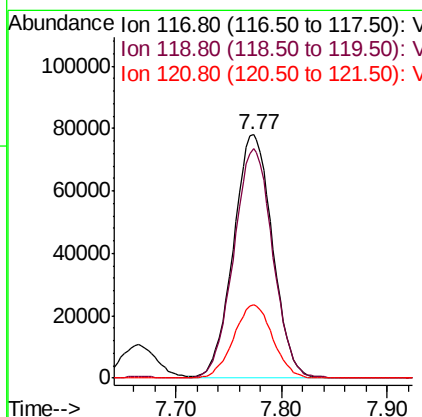
Manual Integrations
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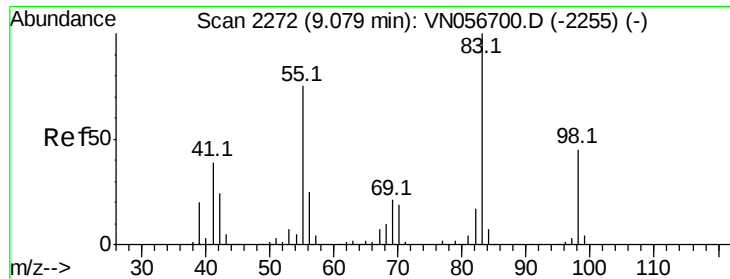
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.381 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.5	116.3
121	30.5	24.7	37.1





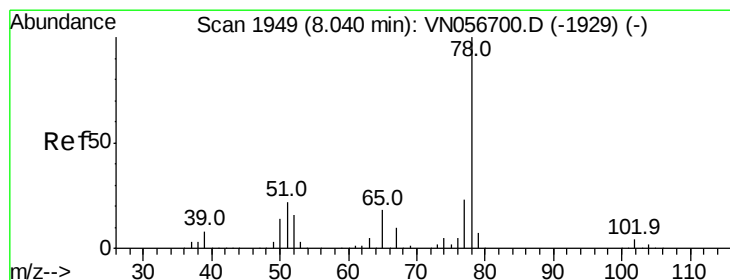
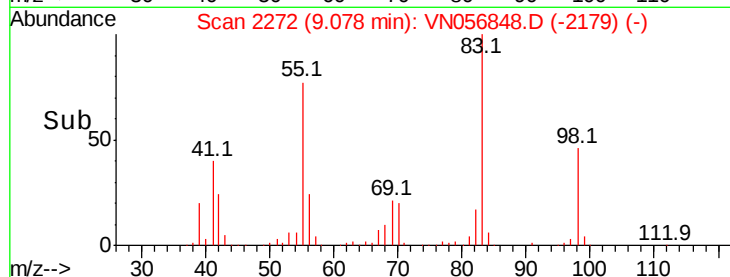
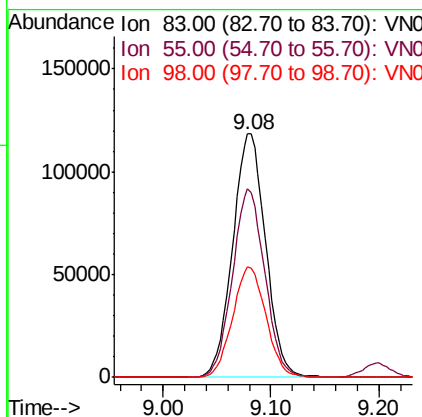
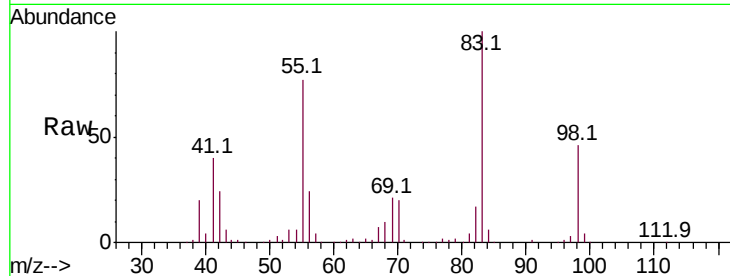
#39
Methvlcvclohexane
Concen: 47.284 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.4	90.6
98	45.6	35.8	53.8

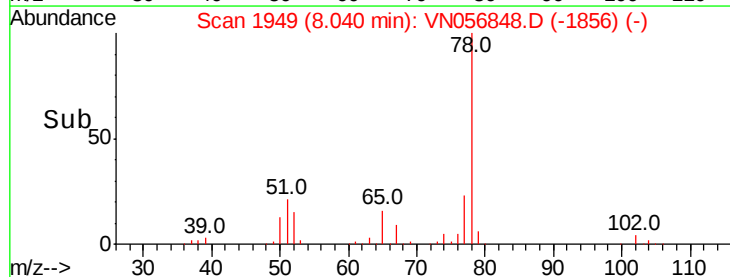
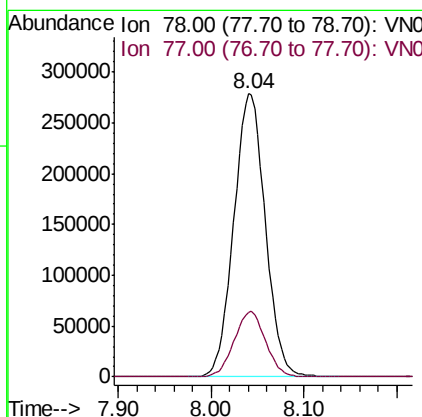
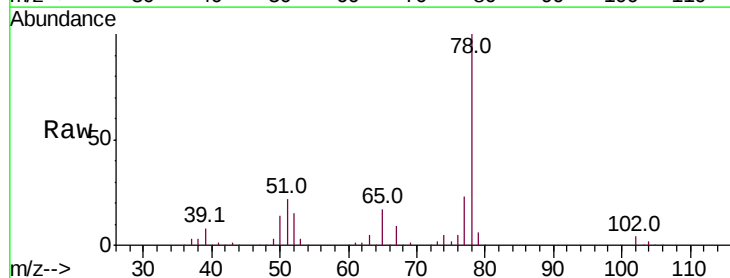
Manual Integrations
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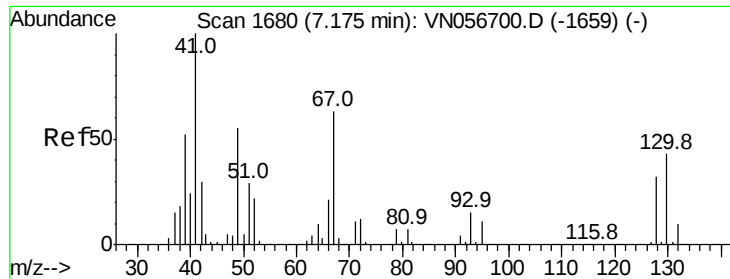
MMDadoda
7/23/2019 4:32:38 AM



#40
Benzene
Concen: 49.573 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





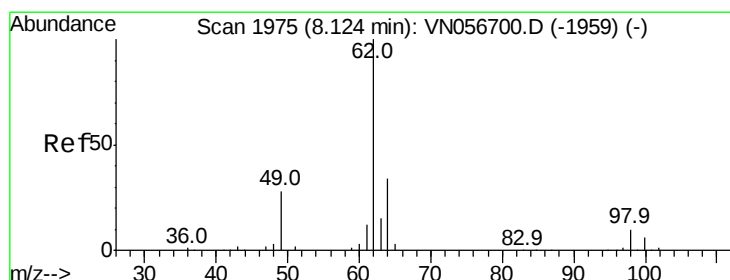
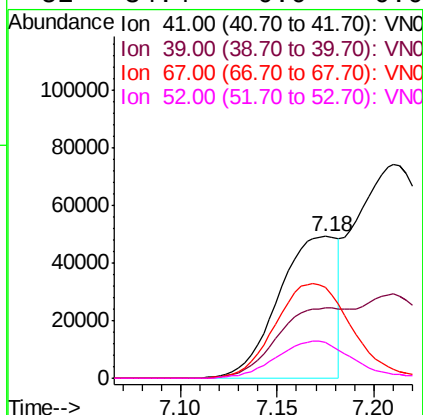
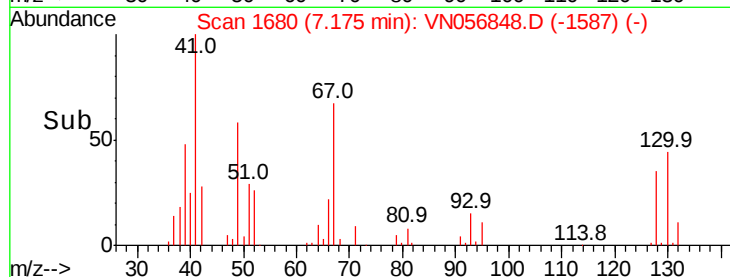
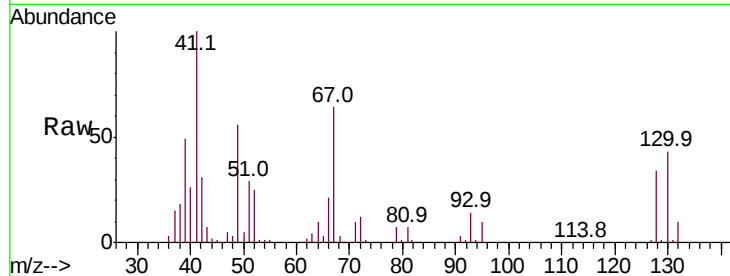
#41
Methacrylonitrile
Concen: 56.211 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.8	0.0	0.0#
67	86.6	0.0	0.0#
52	34.4	0.0	0.0#

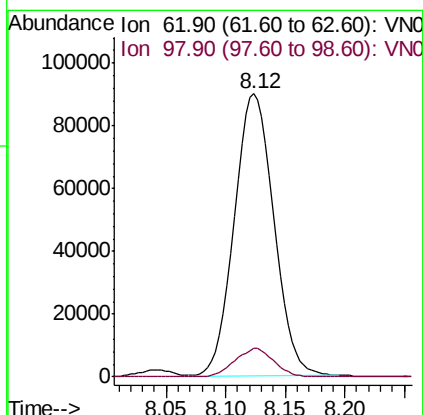
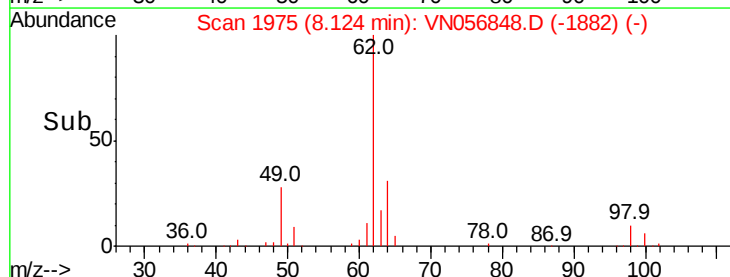
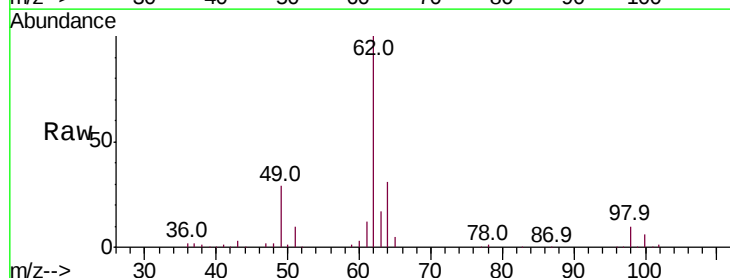
Manual Integrations
APPROVED

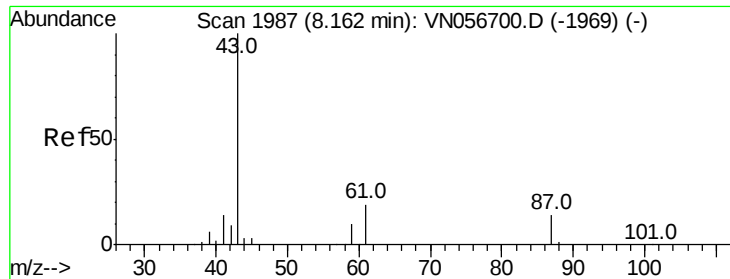
MMDadoda
7/23/2019 4:32:38 AM



#42
1,2-Dichloroethane
Concen: 49.717 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 53.299 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

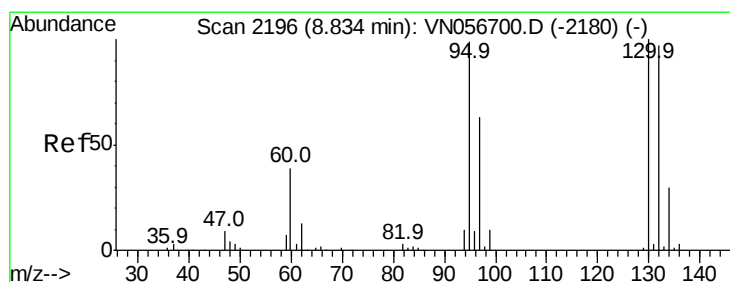
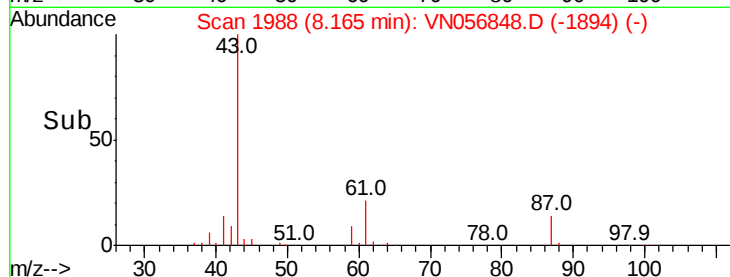
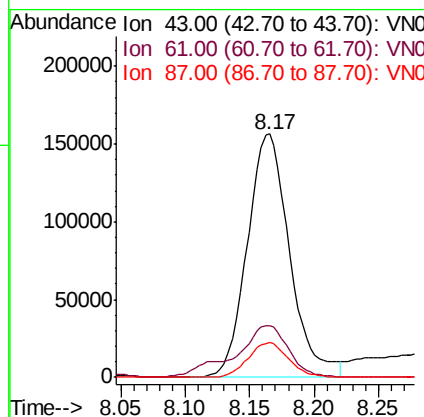
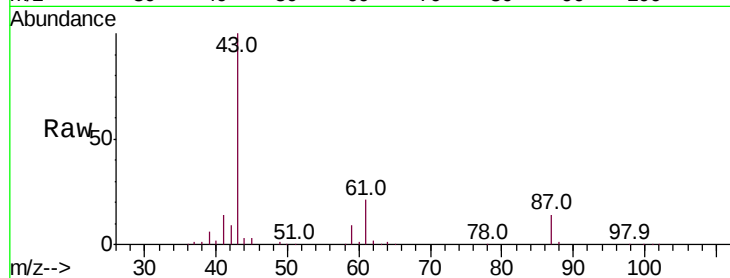
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	356751
Ion	Ratio	Lower	Upper
43	100		
61	26.6	22.3	33.5
87	13.7	11.1	16.7

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#44

Trichloroethene

Concen: 48.797 ug/l

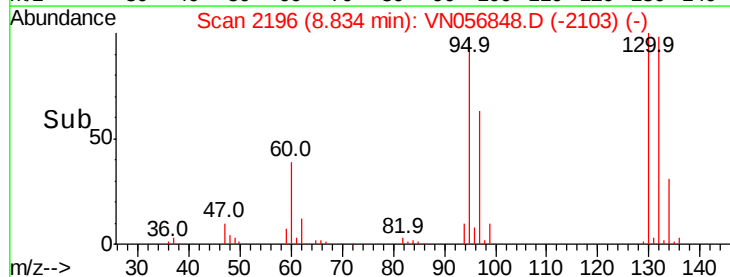
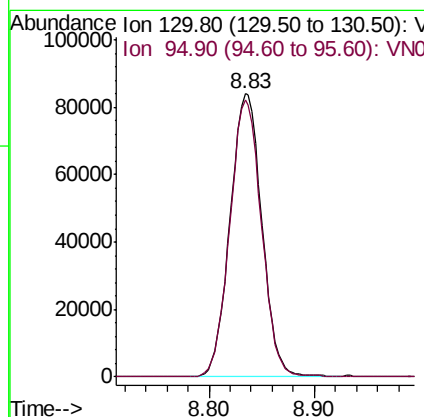
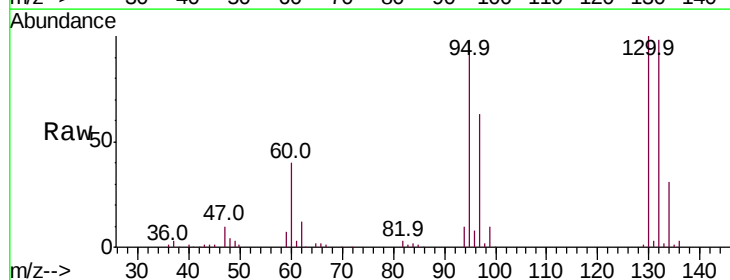
RT: 8.83 min Scan# 2196

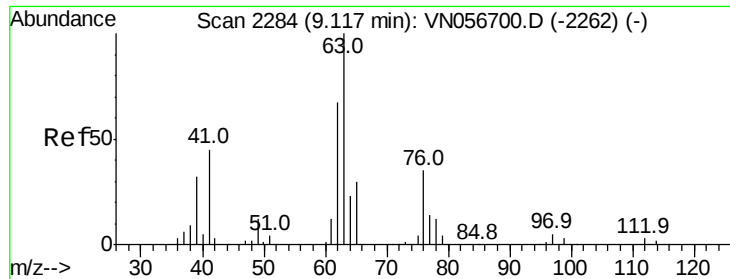
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion:	130	Resp:	175393
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	197.2





#45

1,2-Dichloropropane

Concen: 50.602 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 177973

Ion Ratio Lower Upper

63 100

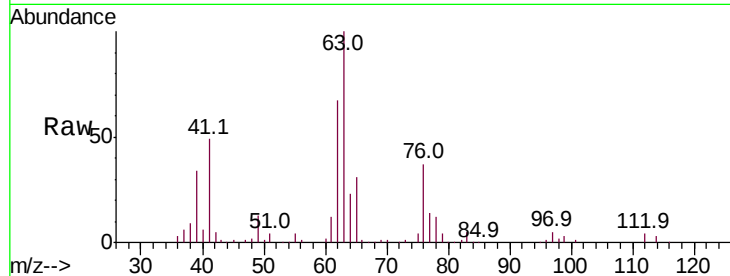
65 31.0 24.0 36.0

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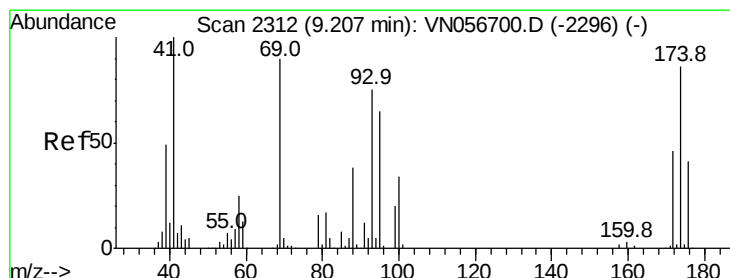
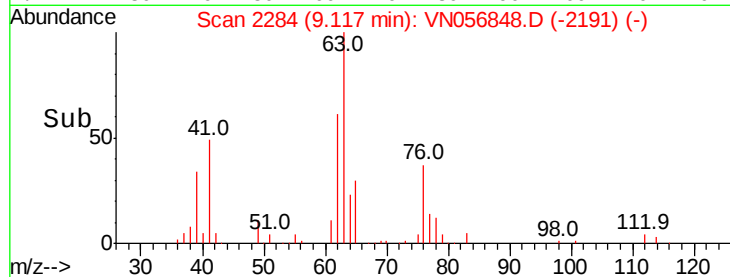
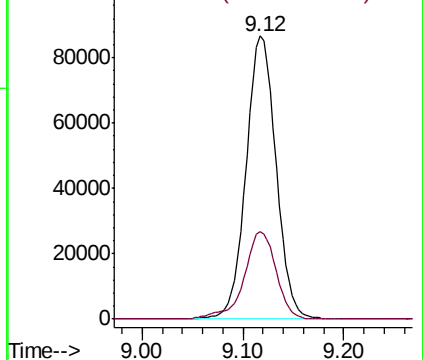
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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.354 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

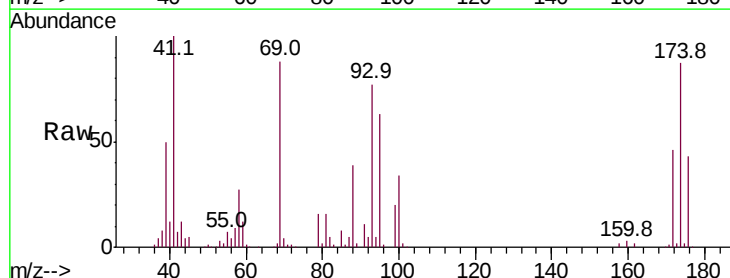
Tgt Ion: 93 Resp: 111928

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

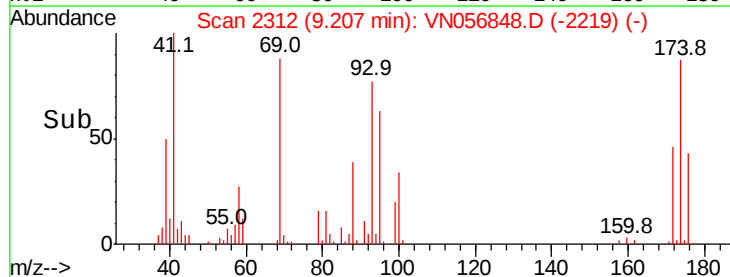
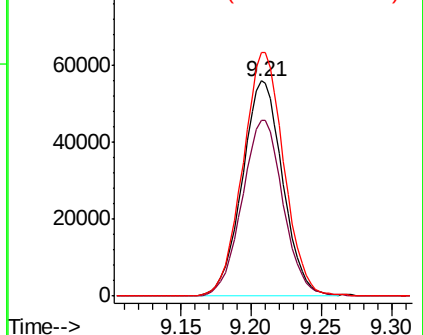
174 115.0 90.3 135.5

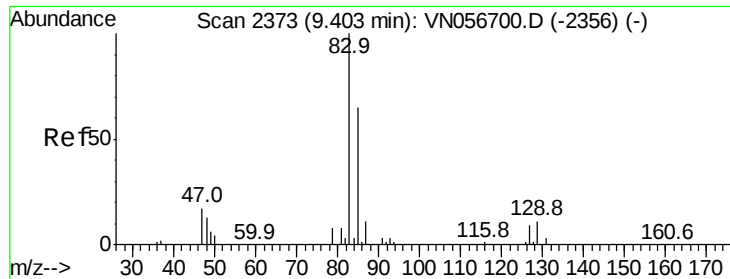


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.603 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

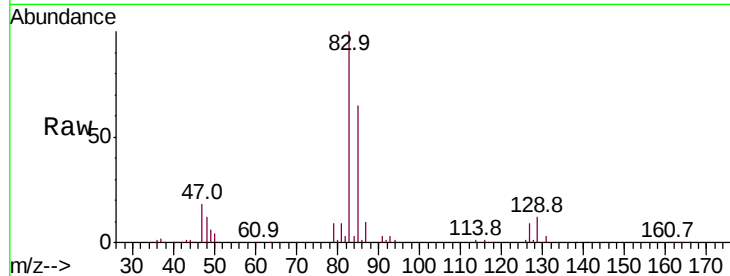
ClientSampleId :

VSTDCCC050EC

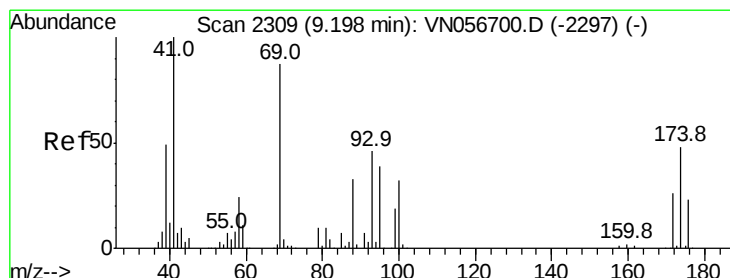
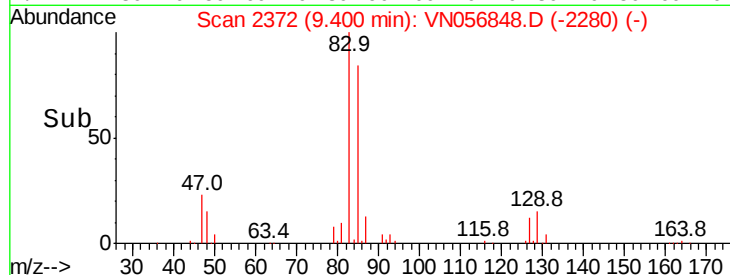
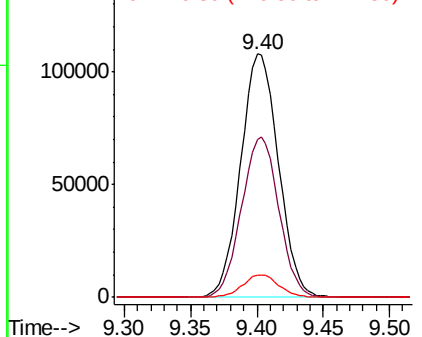
Tot Ion:	83	Resp:	213726
Ion Ratio	Lower	Upper	
83	100		
85	64.6	52.3	78.5
127	9.3	7.6	11.4

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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: 53.577 ug/l

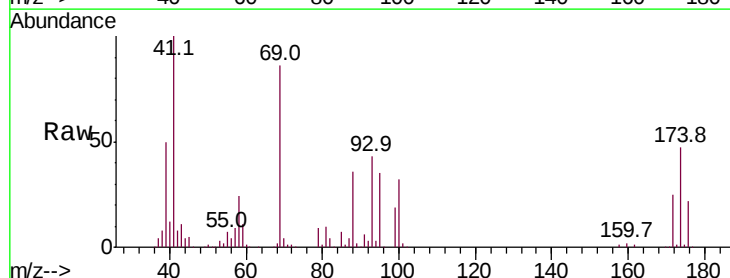
RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

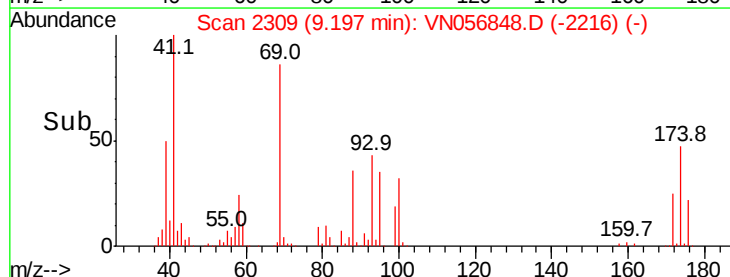
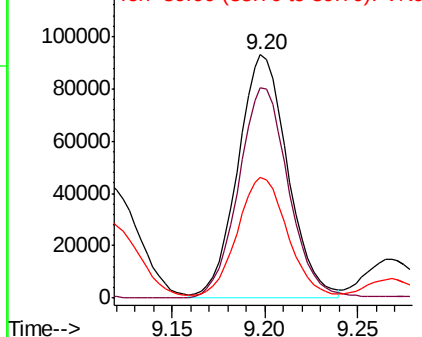
Lab File: VN056848.D

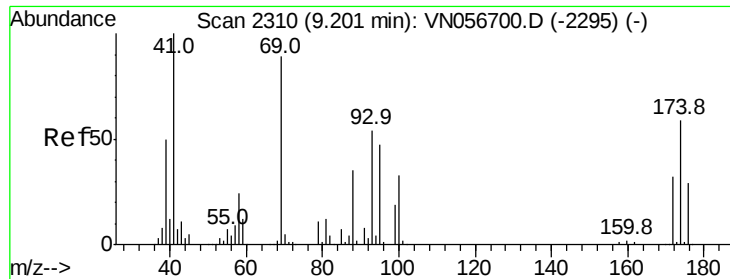
Acq: 19 Jul 2019 21:30

Tgt Ion:	41	Resp:	173429
Ion Ratio	Lower	Upper	
41	100		
69	88.1	71.4	107.0
39	50.5	41.2	61.8



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: 1055.591 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

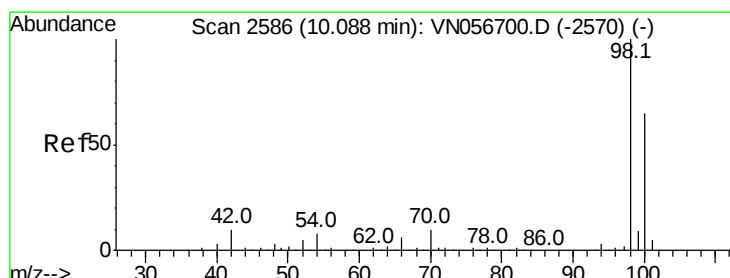
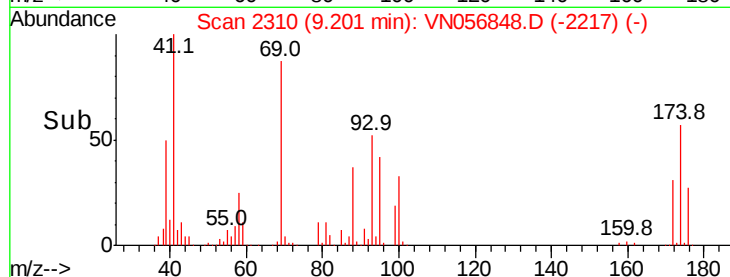
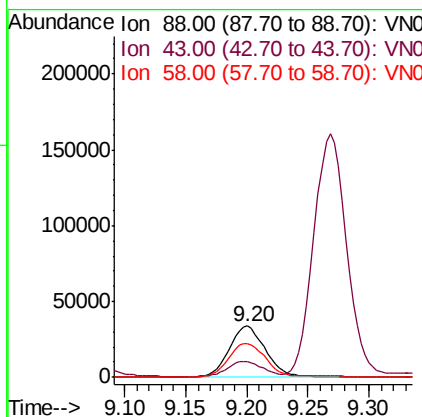
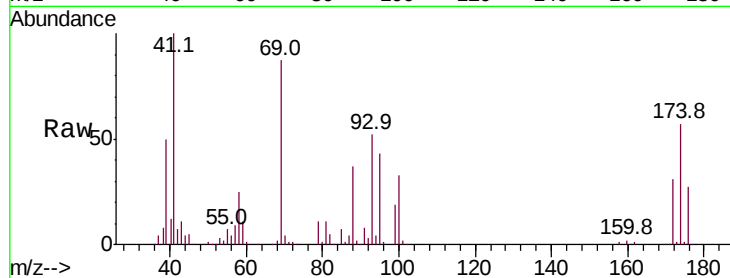
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	70112
Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.7	35.5
58	67.7	55.6	83.4

Manual Integrations
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#50

Toluene-d8

Concen: 49.286 ug/l

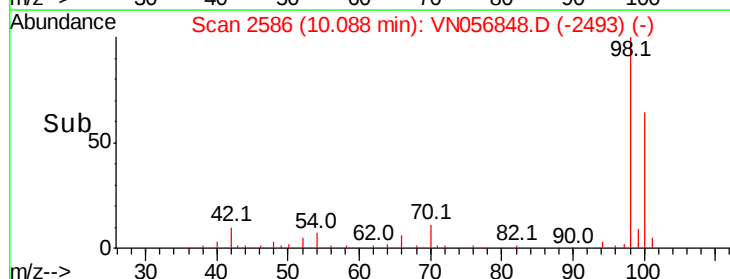
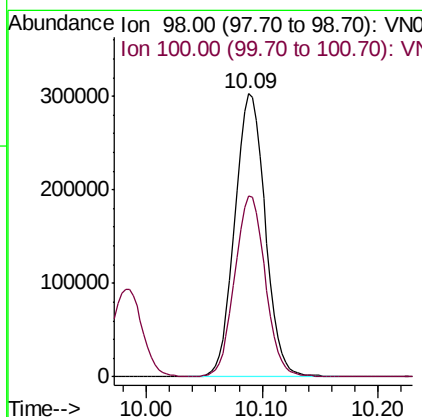
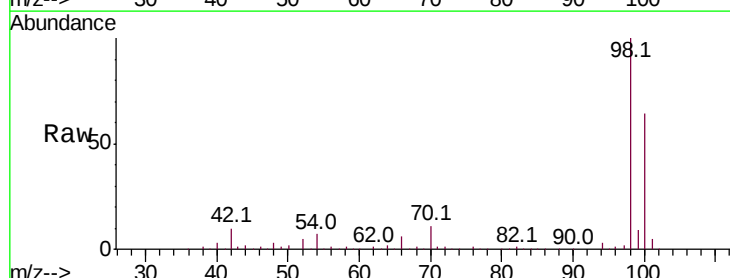
RT: 10.09 min Scan# 2586

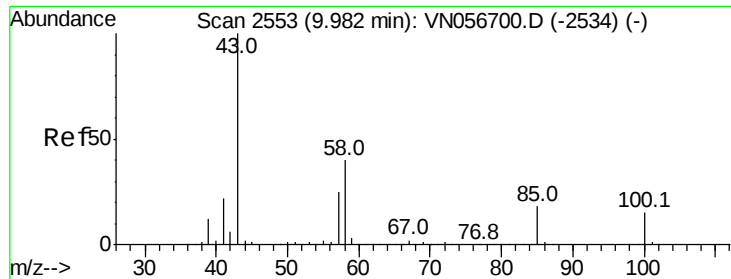
Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion:	98	Resp:	553015
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 256.638 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1112571

Ion Ratio Lower Upper

43 100

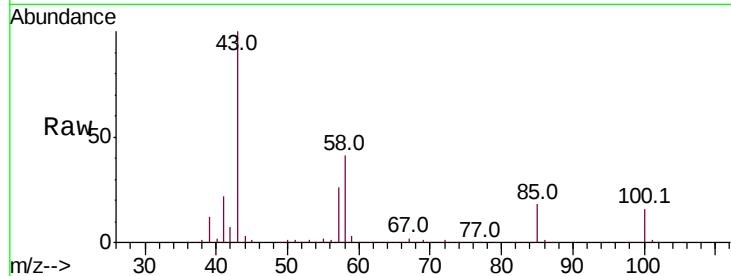
58 40.7 32.0 48.0

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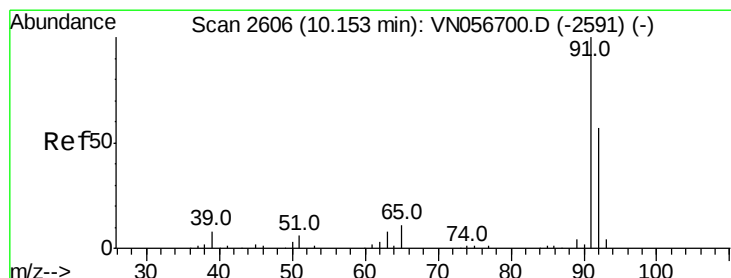
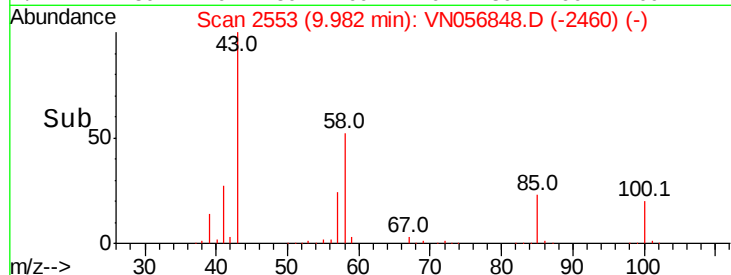
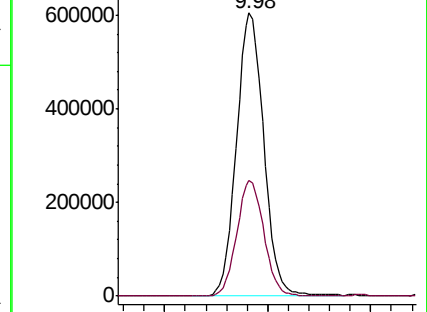
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.056 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056848.D

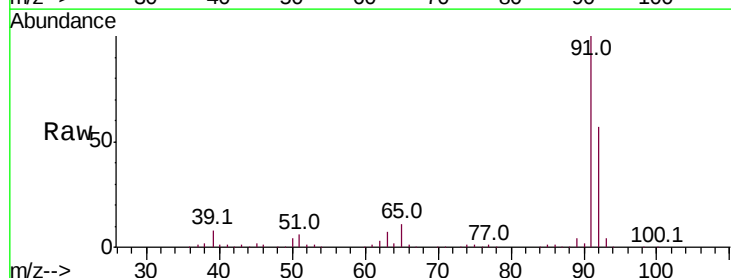
Acq: 19 Jul 2019 21:30

Tgt Ion: 92 Resp: 401342

Ion Ratio Lower Upper

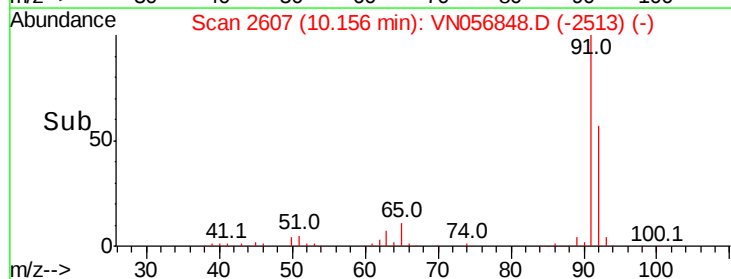
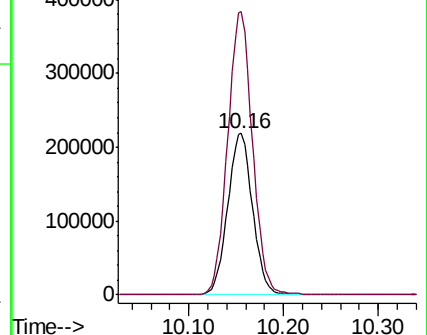
92 100

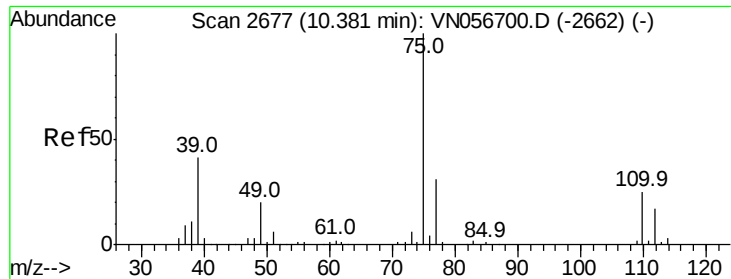
91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.306 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 226019

Ion Ratio Lower Upper

75 100

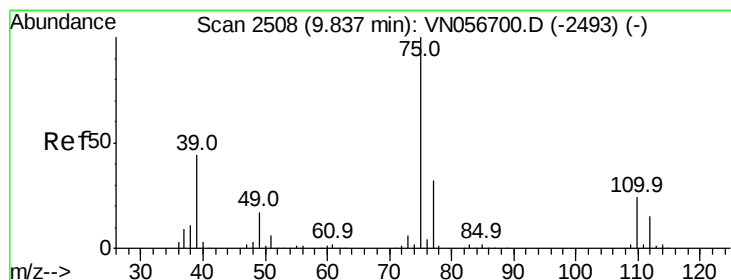
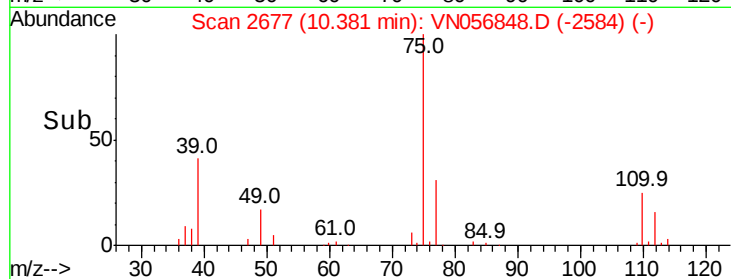
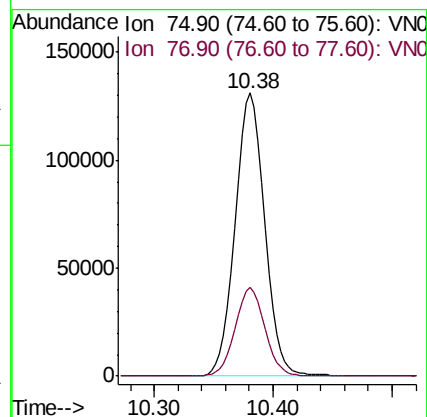
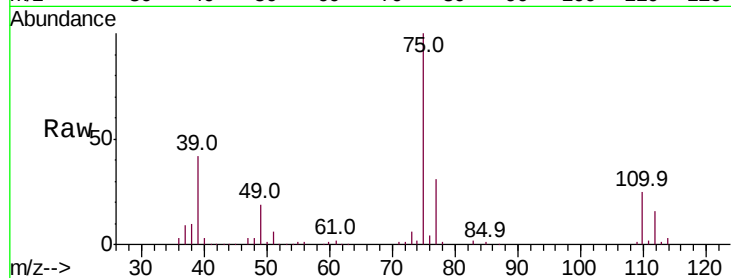
77 31.0 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 51.100 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

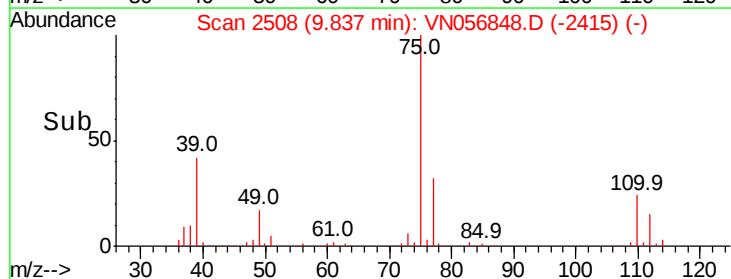
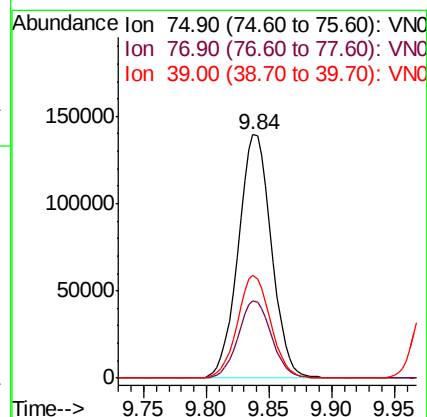
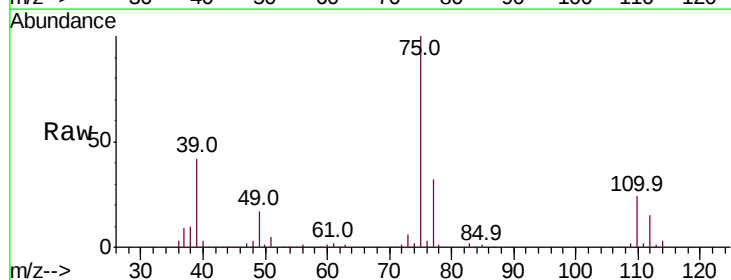
Tgt Ion: 75 Resp: 256231

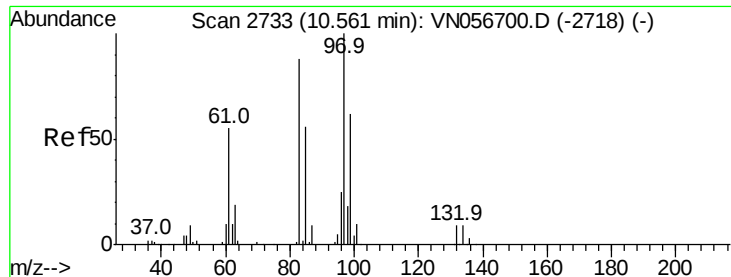
Ion Ratio Lower Upper

75 100

77 31.9 26.0 39.0

39 42.0 35.1 52.7





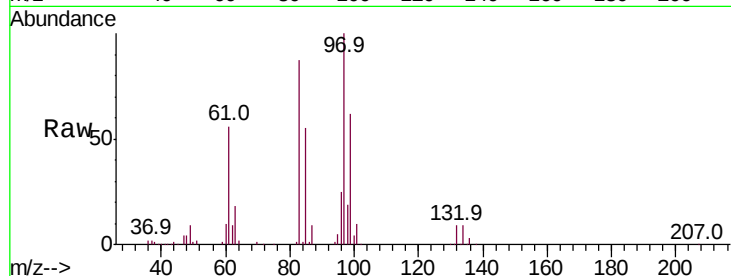
#55
 1,1,2-Trichloroethane
 Concen: 50.769 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.3	105.5
85	55.0	44.8	67.2
99	62.2	49.6	74.4

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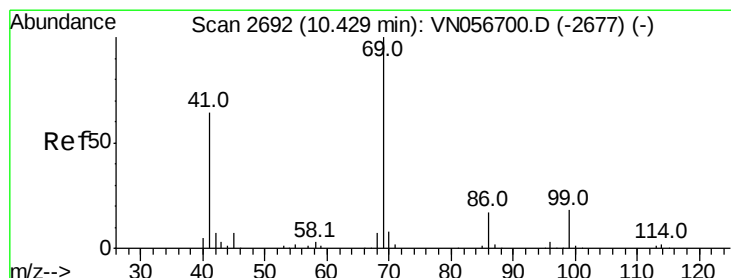
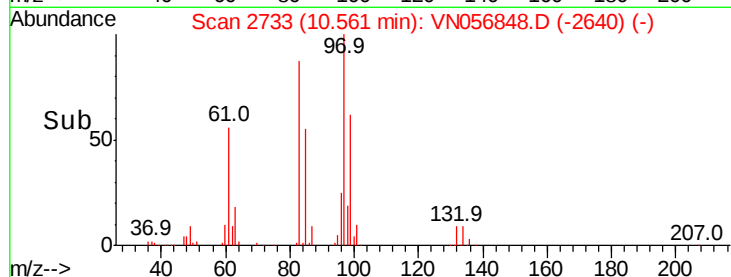
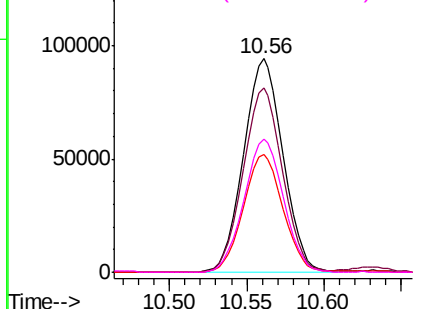
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

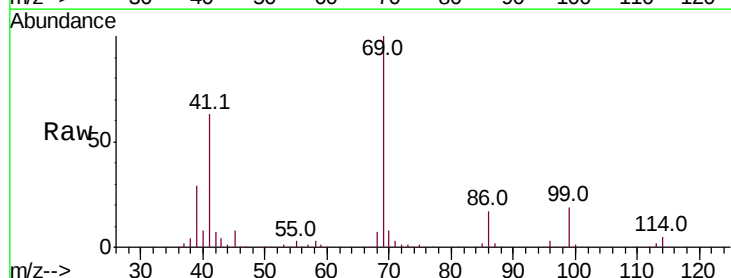
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 53.616 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	30.4	24.6	36.8

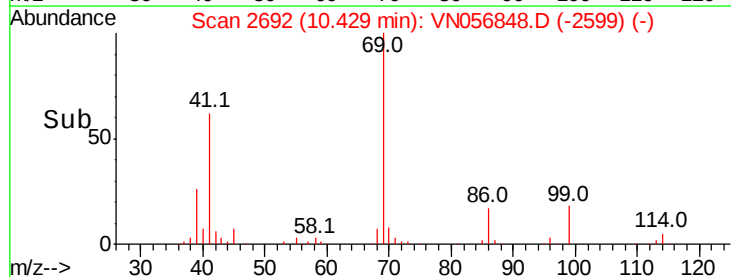
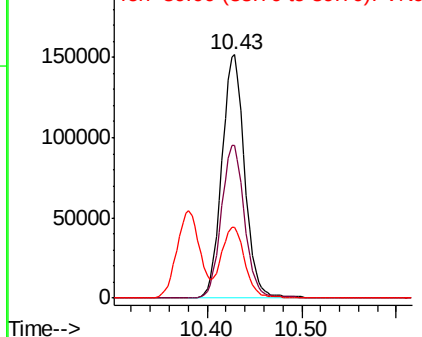


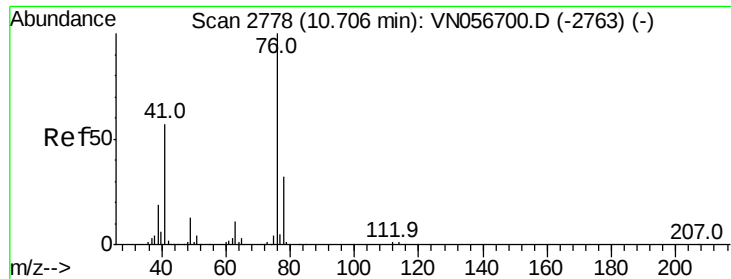
Abundance

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





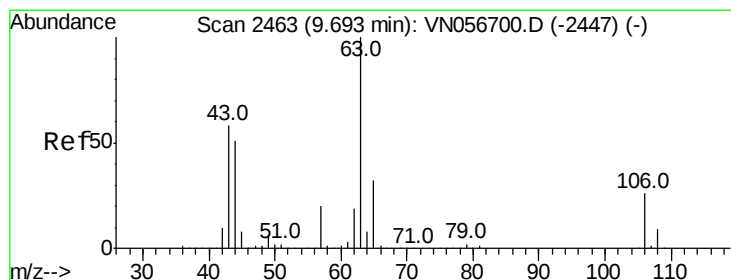
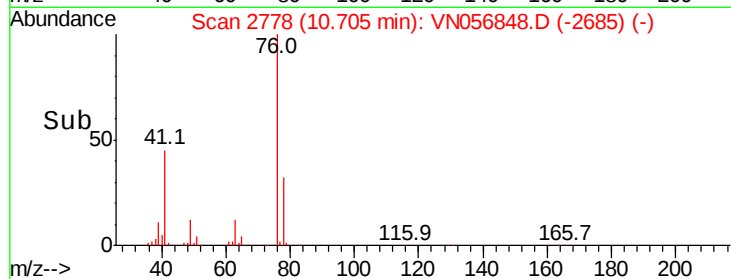
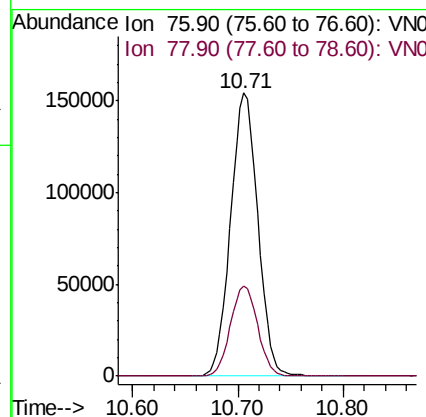
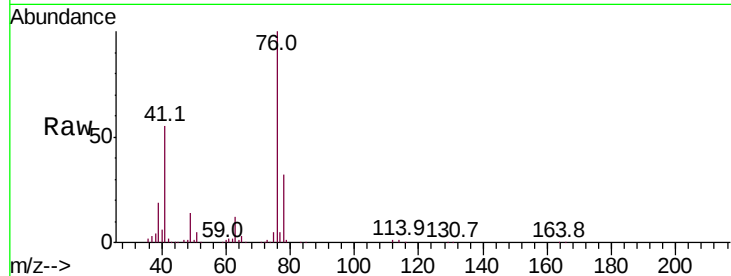
#57
 1,3-Dichloropropane
 Concen: 51.246 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.0	39.0

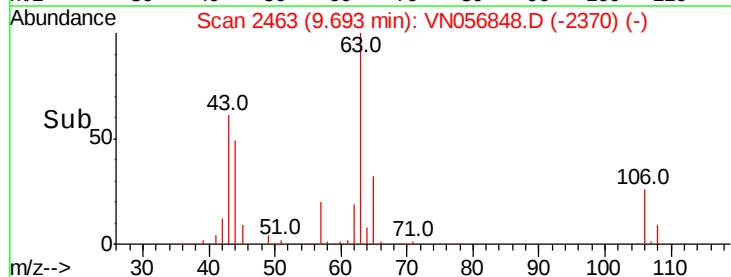
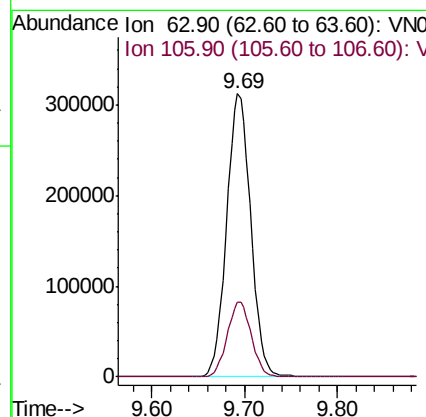
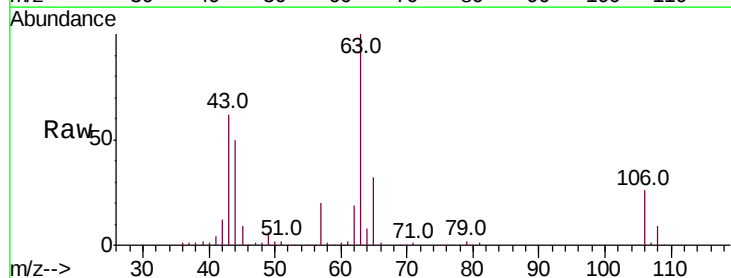
Manual Integrations
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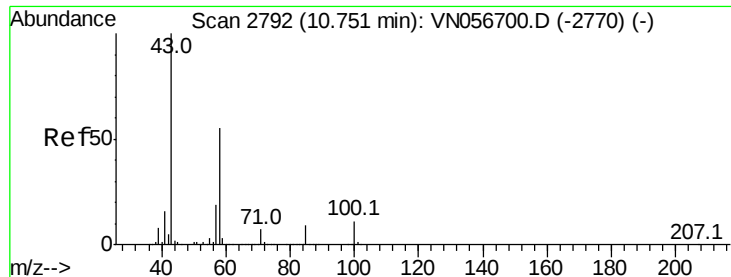
MMDadoda
 7/23/2019 4:32:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.701 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.2	31.8





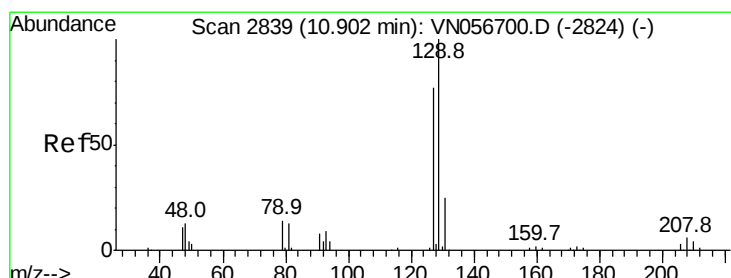
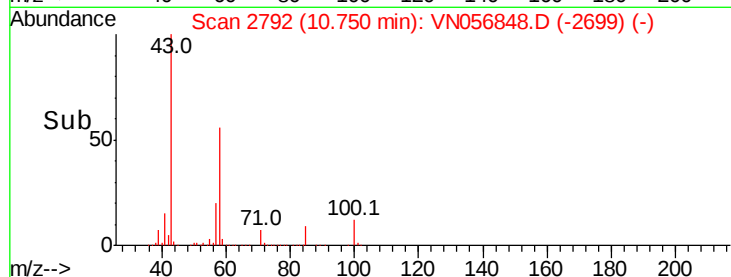
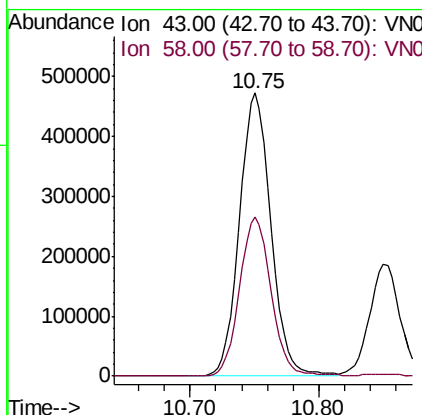
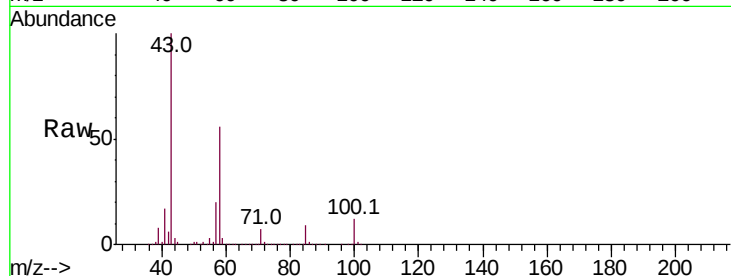
#59
2-Hexanone
Concen: 257.520 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	100	Resp	801054	Lower	Upper
43	100							
58	56.6				27.9	83.6		

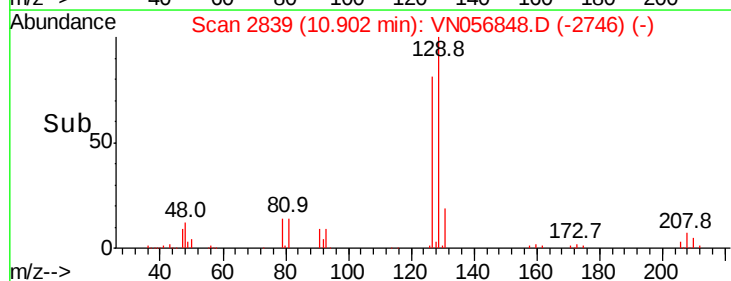
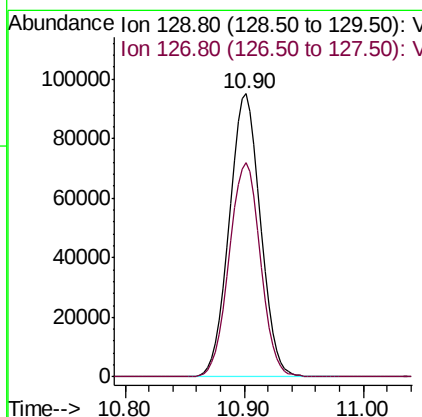
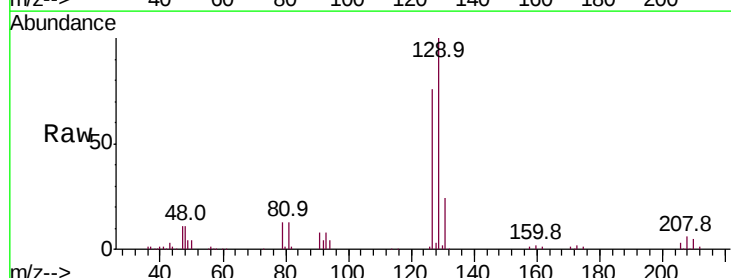
Manual Integrations
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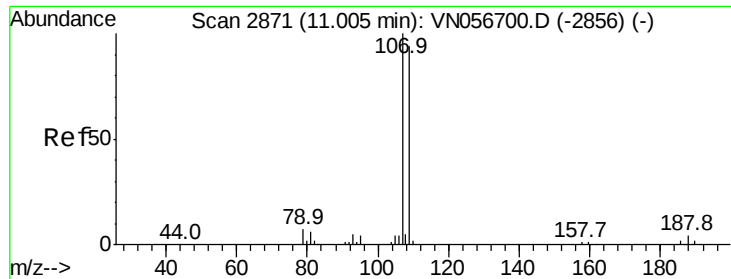
MMDadoda
7/23/2019 4:32:38 AM



#60
Dibromochloromethane
Concen: 53.271 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	129	127	Ratio	100	Resp	172734	Lower	Upper
129	100							
127	76.1				38.2	114.6		





#61

1,2-Dibromoethane

Concen: 53.126 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 174076

Ion Ratio Lower Upper

107 100

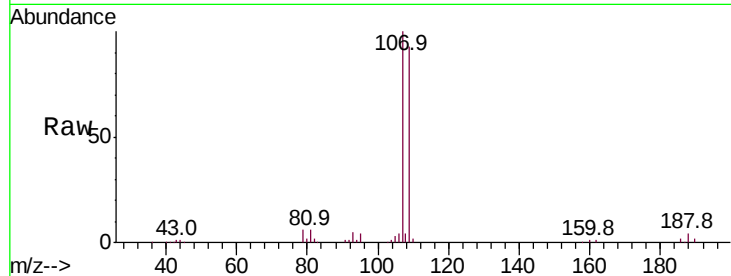
109 94.2 76.2 114.4

Manual Integrations

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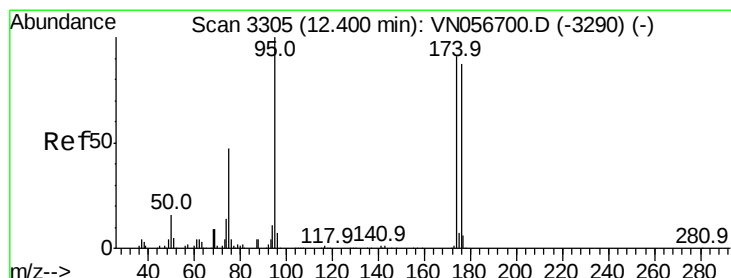
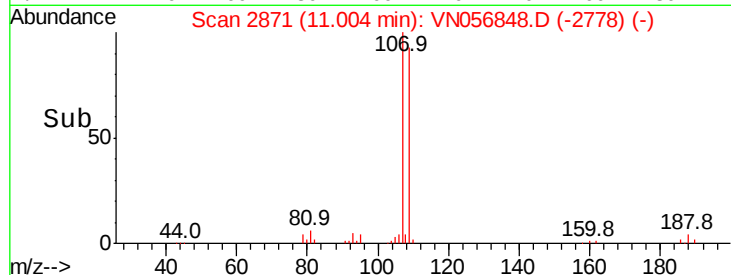
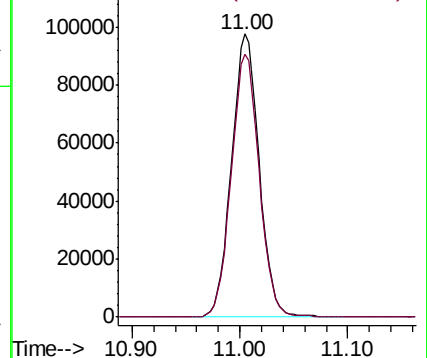
MMDadoda

7/23/2019 4:32:38 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

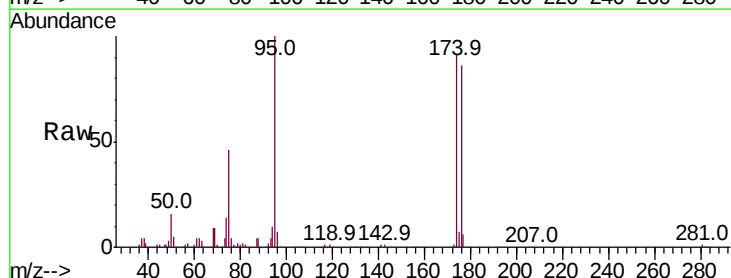
Tgt Ion: 95 Resp: 191064

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.0

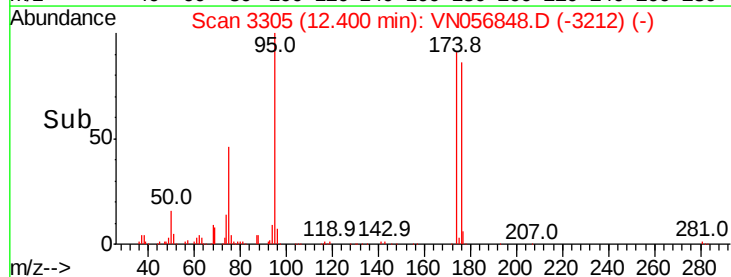
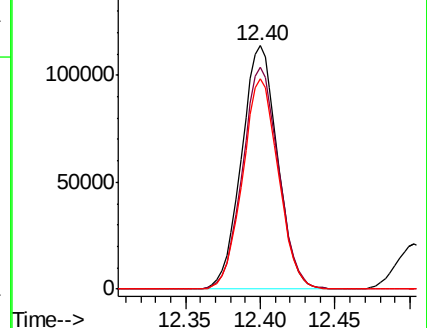
176 85.7 0.0 173.2

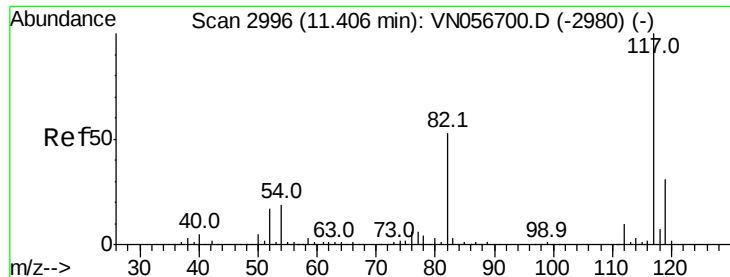


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





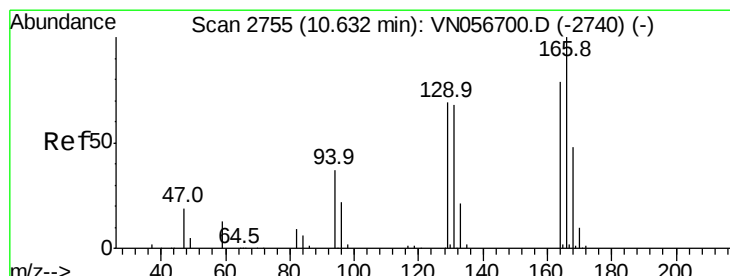
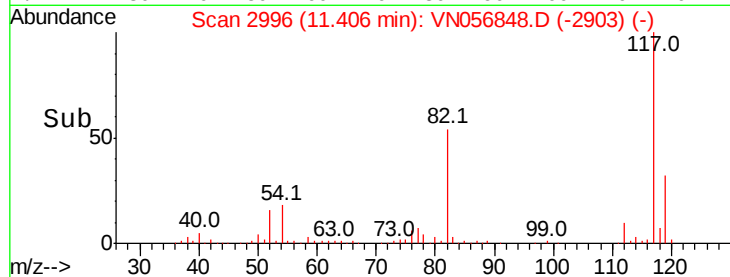
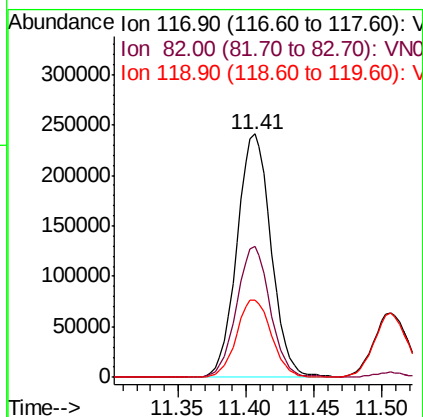
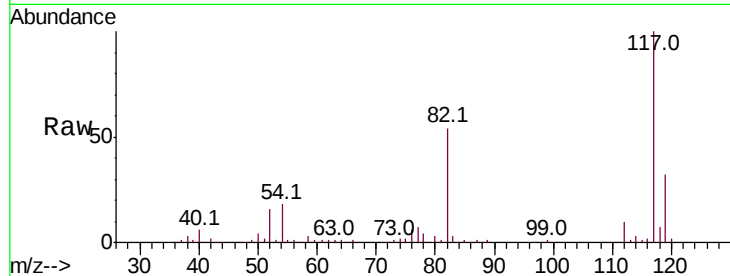
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.2	63.2
119	31.9	25.2	37.8

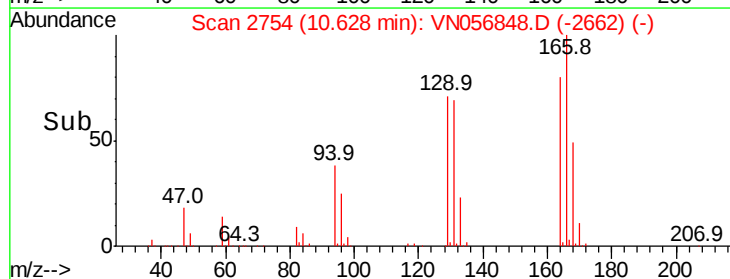
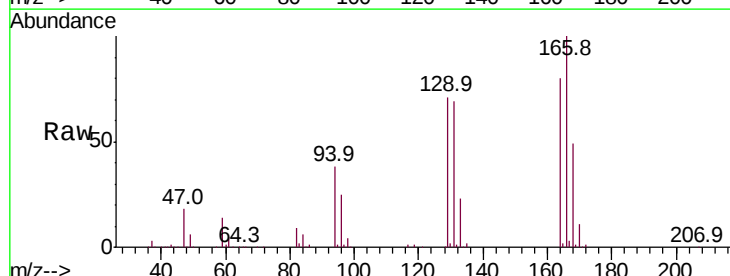
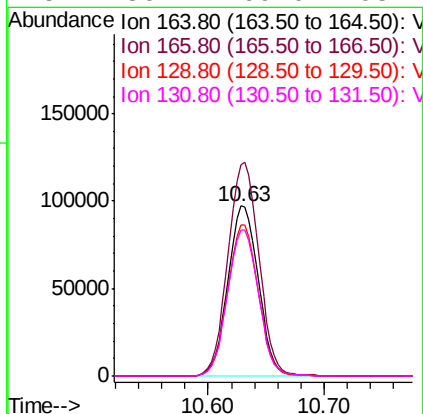
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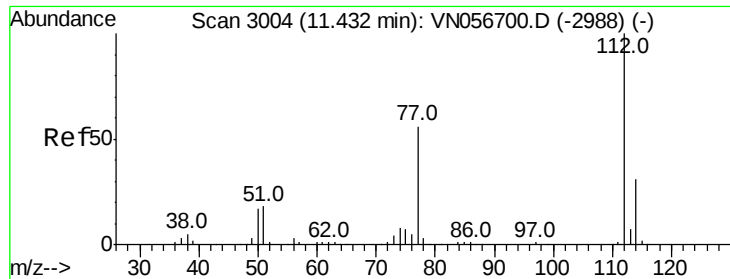
MMDadoda
7/23/2019 4:32:38 AM



#64
Tetrachloroethene
Concen: 48.987 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.4	152.2
129	88.6	69.6	104.4
131	86.1	69.0	103.4





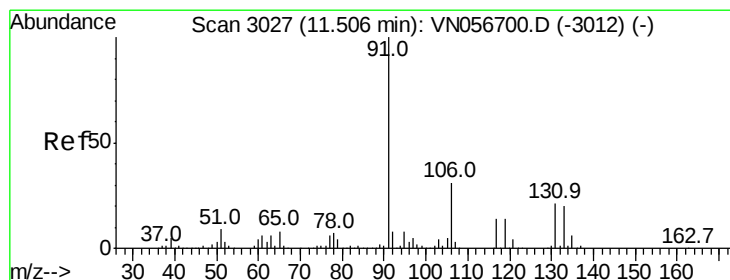
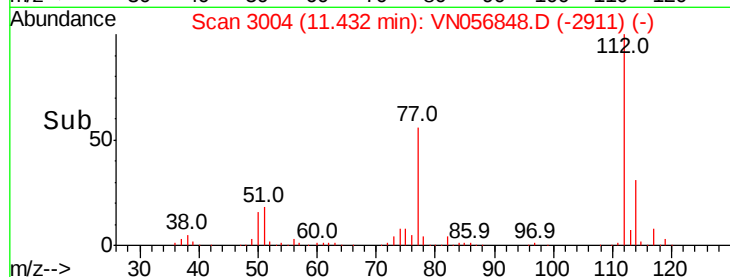
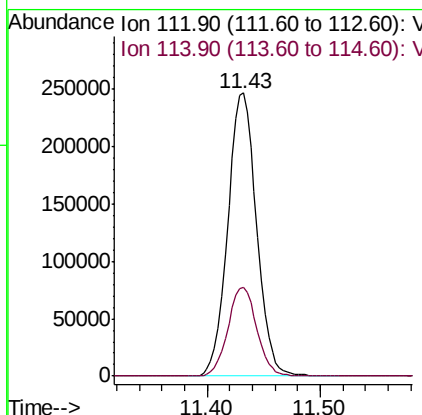
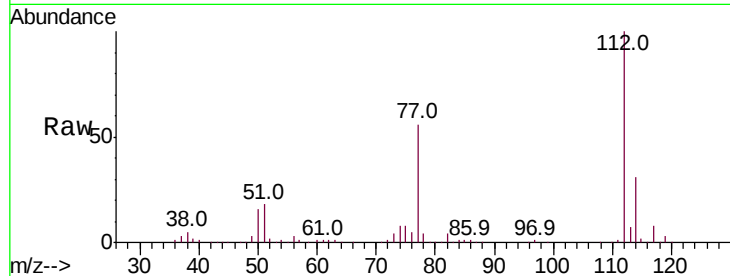
#65
Chlorobenzene
Concen: 50.959 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 436104
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8

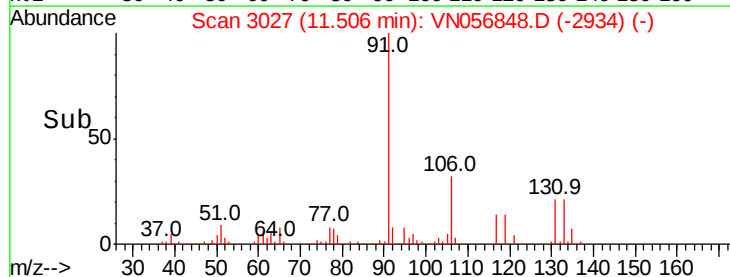
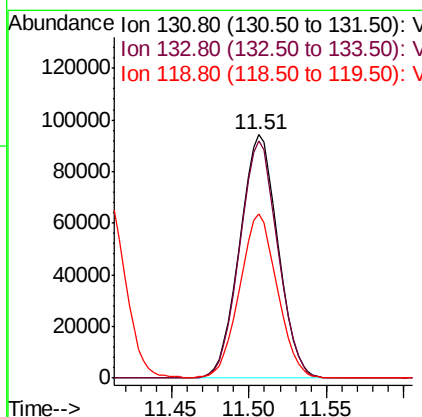
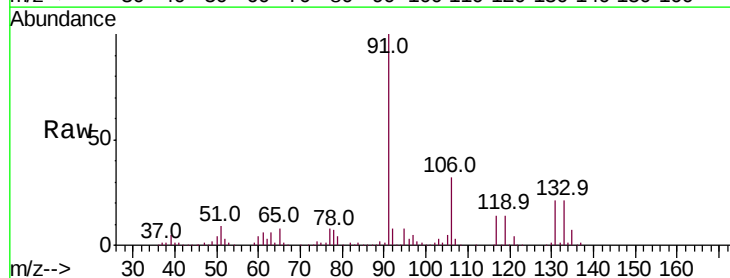
Manual Integrations
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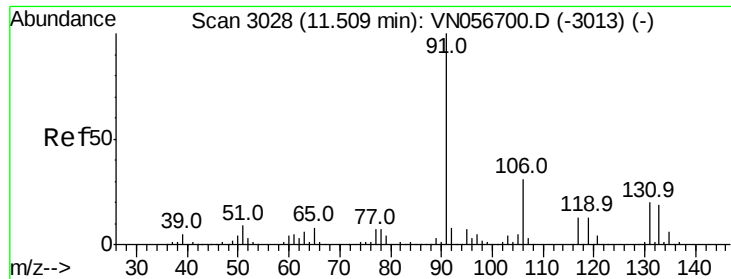
MMDadoda
7/23/2019 4:32:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.530 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:131 Resp: 162371
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.7
119 66.4 32.8 98.3





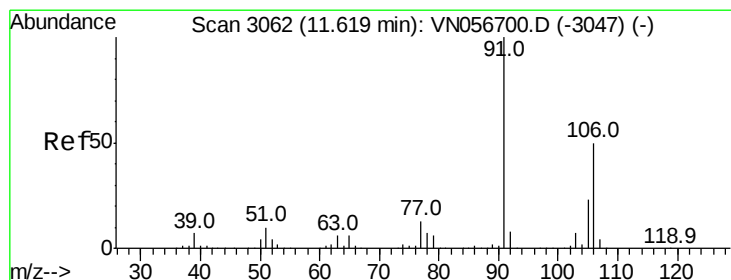
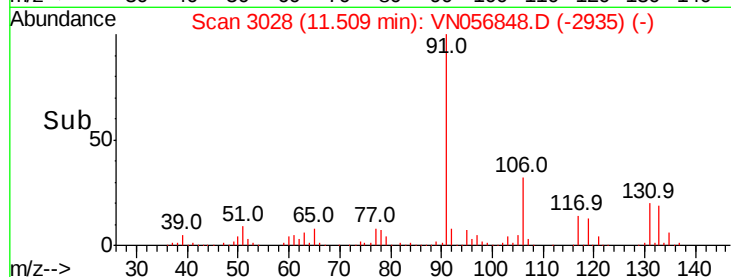
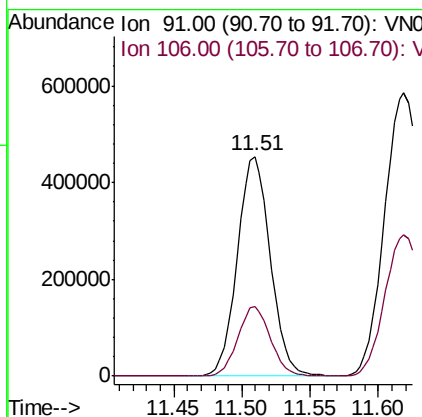
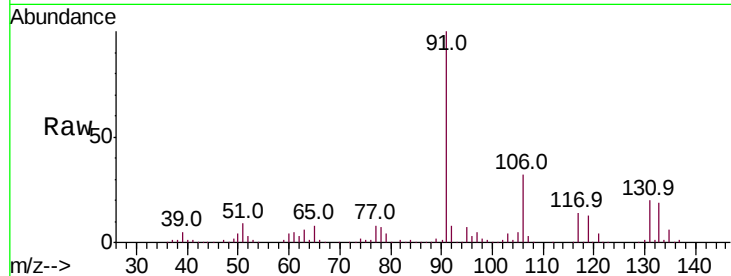
#67
Ethyl Benzene
Concen: 50.704 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 762583
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2

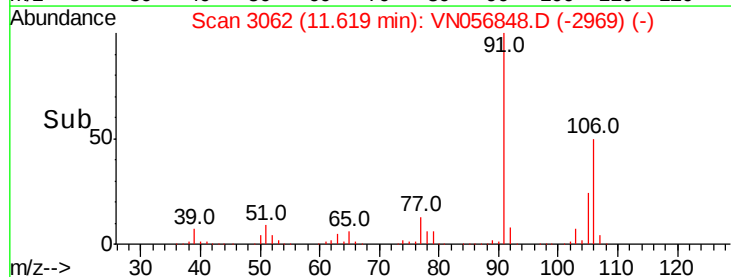
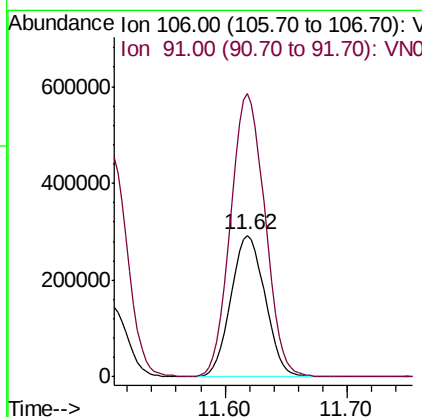
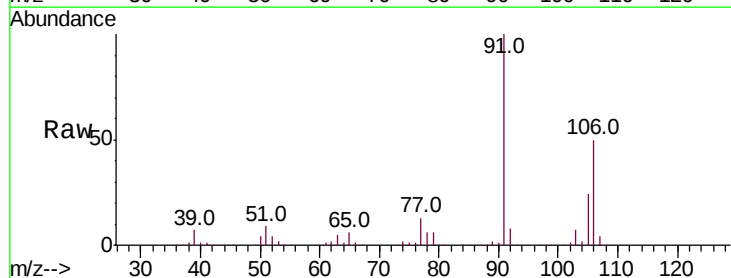
Manual Integrations
APPROVED

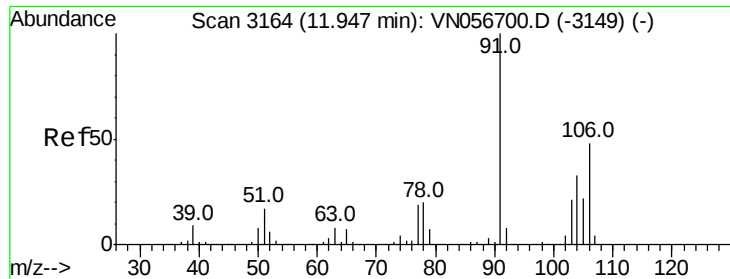
MMDadoda
7/23/2019 4:32:38 AM



#68
m/p-Xylenes
Concen: 101.265 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 106 Resp: 569189
Ion Ratio Lower Upper
106 100
91 201.5 160.5 240.7





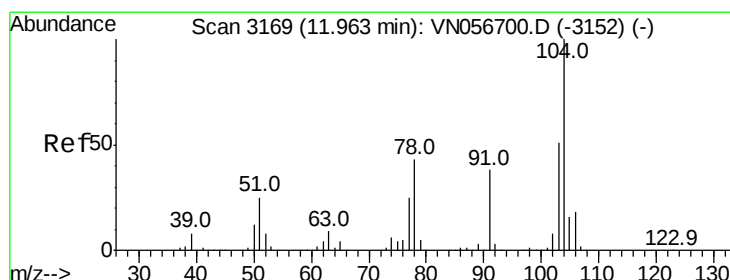
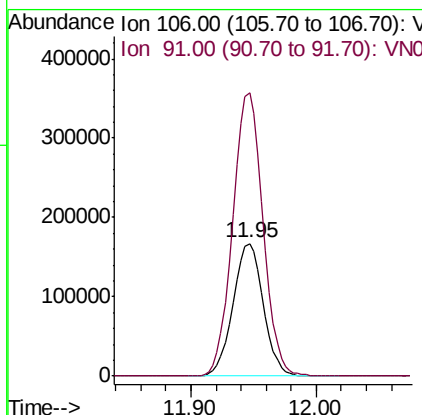
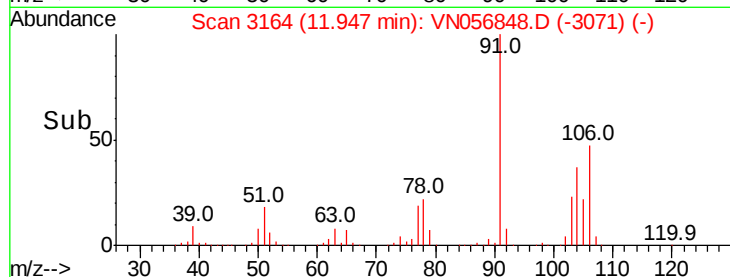
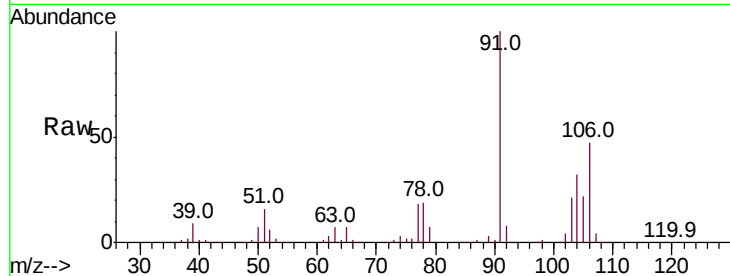
#69
o-Xylene
Concen: 50.661 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 279948
Ion Ratio Lower Upper
106 100
91 213.7 105.6 316.8

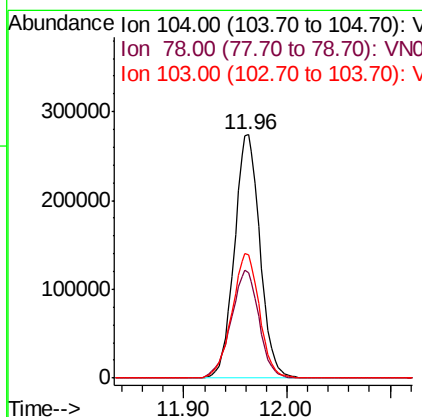
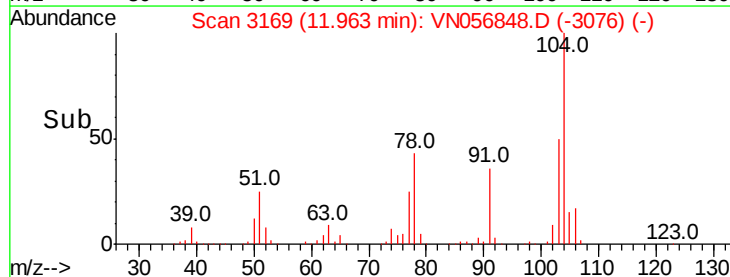
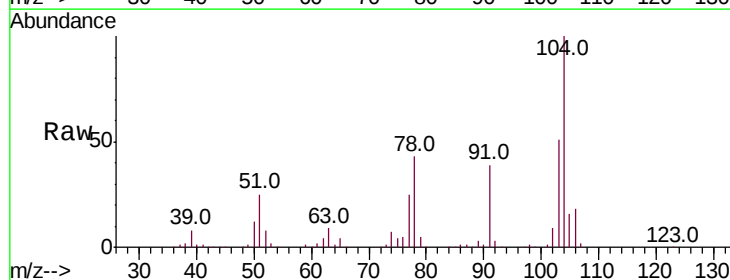
Manual Integrations
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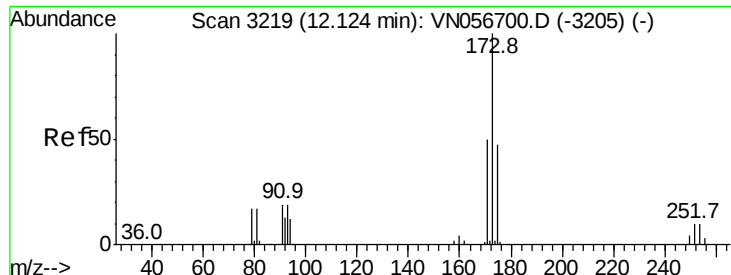
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#70
Styrene
Concen: 53.013 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion:104 Resp: 473607
Ion Ratio Lower Upper
104 100
78 48.0 38.6 57.8
103 55.0 44.2 66.4





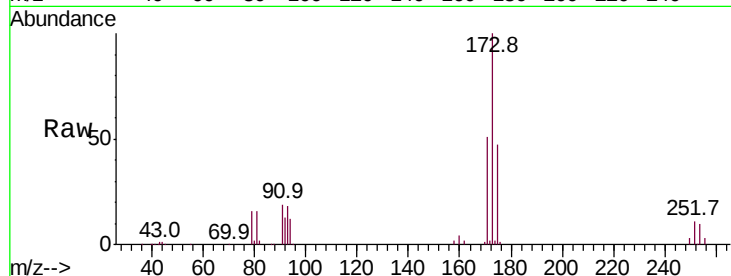
#71
Bromoform
Concen: 53.938 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

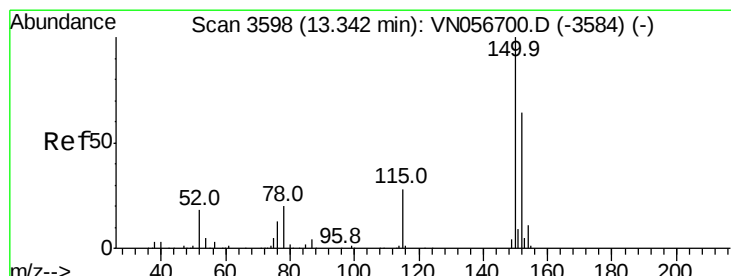
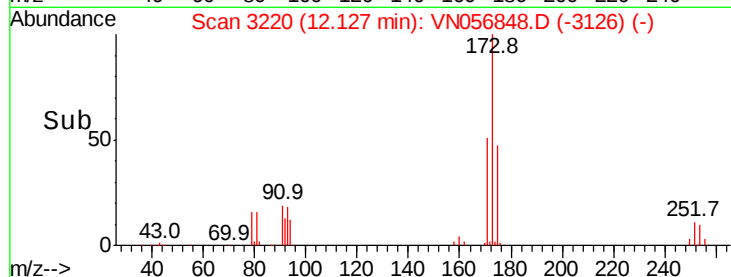
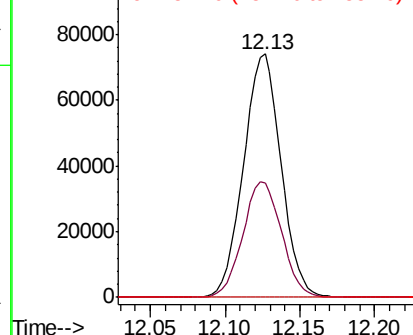
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations
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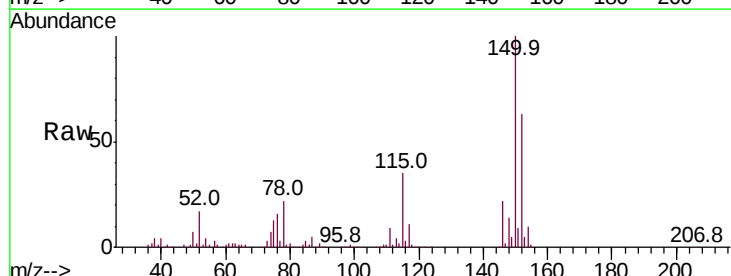


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

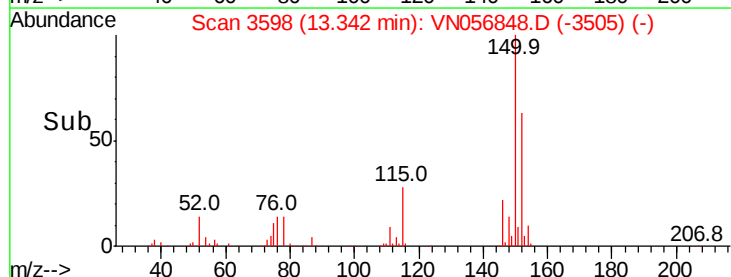
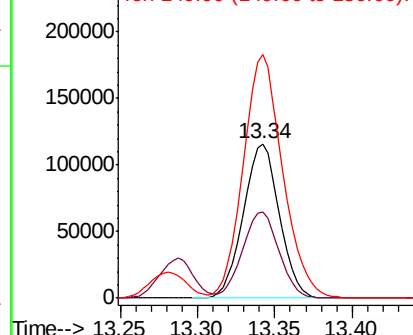


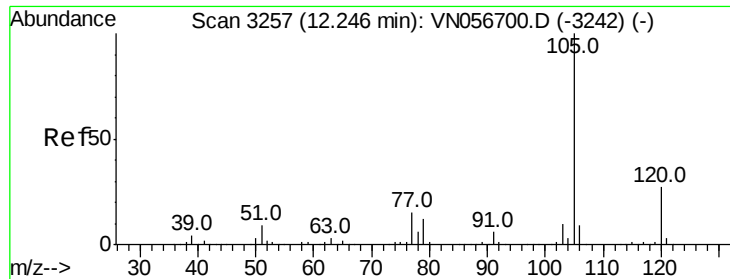
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.7
150	172.0	0.0	345.8



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





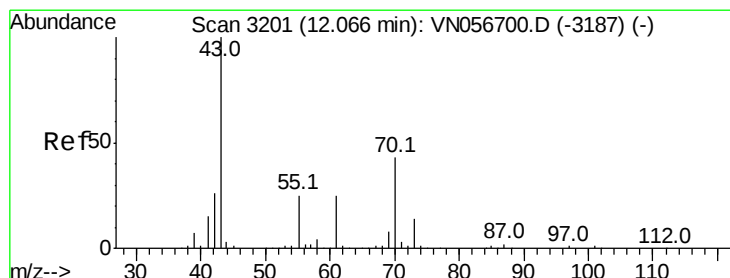
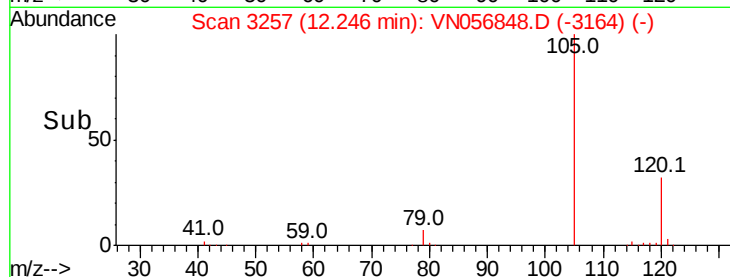
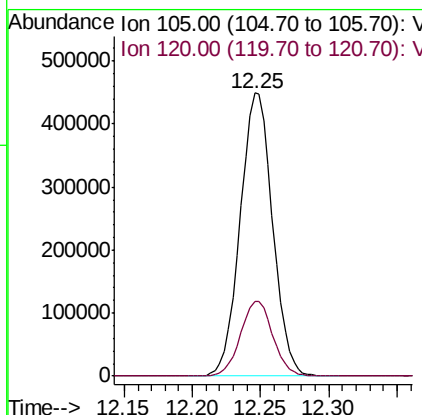
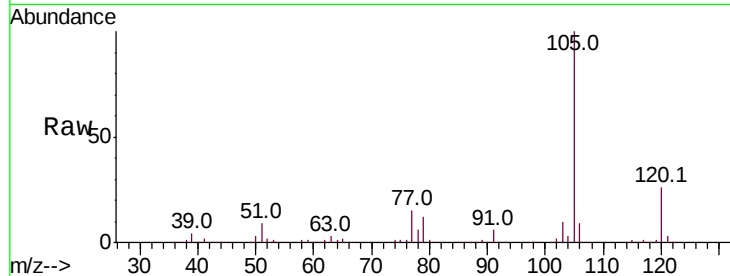
#73
Isopropylbenzene
Concen: 48.842 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 740351
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

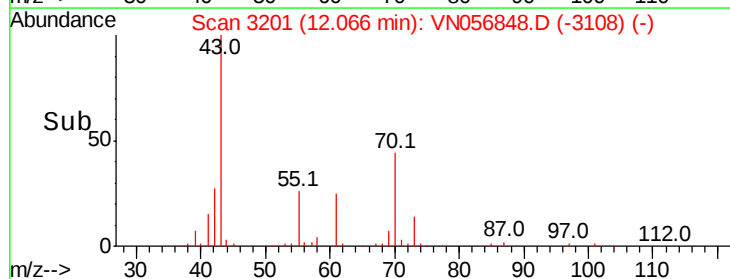
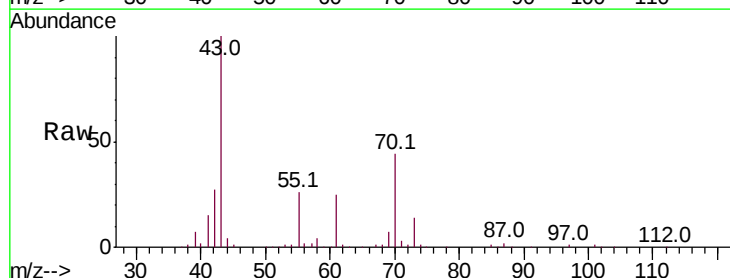
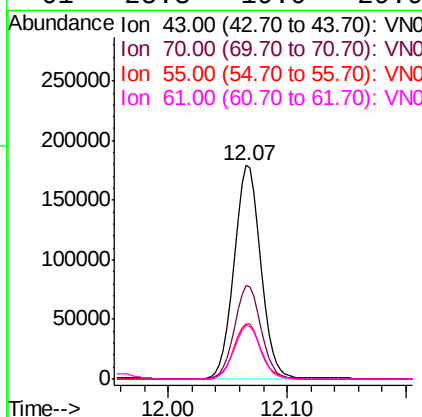
Manual Integrations
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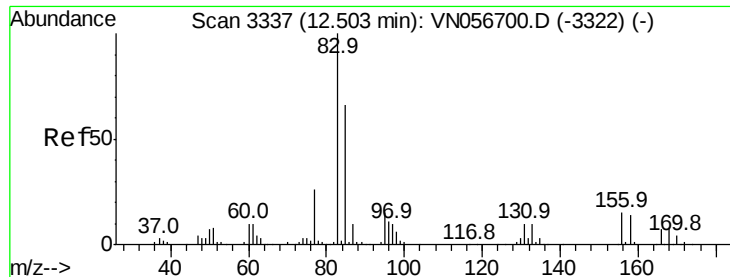
MMDadoda
7/23/2019 4:32:38 AM



#74
N-ethyl acetate
Concen: 49.239 ug/l
RT: 12.07 min Scan# 3201
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion: 43 Resp: 277964
Ion Ratio Lower Upper
43 100
70 43.8 34.5 51.7
55 26.2 20.2 30.2
61 25.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.577 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 238775

Ion Ratio Lower Upper

83 100

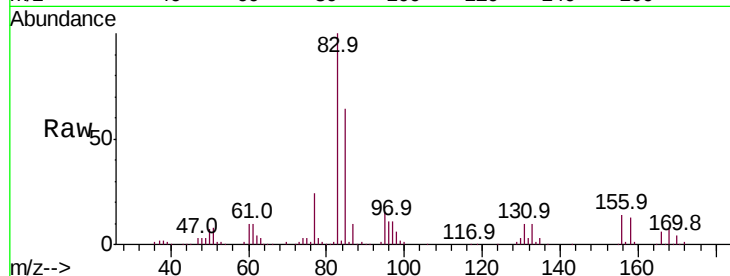
131 10.3 5.3 15.8

85 64.6 32.6 97.8

Manual Integrations
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MMDadoda

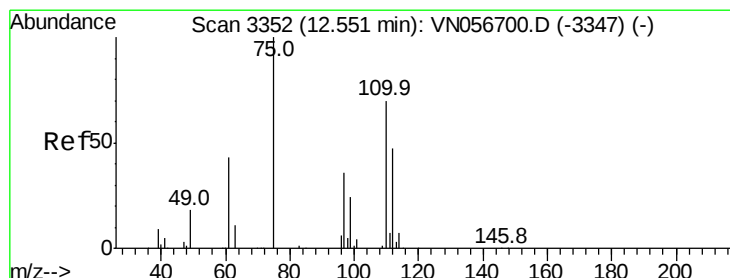
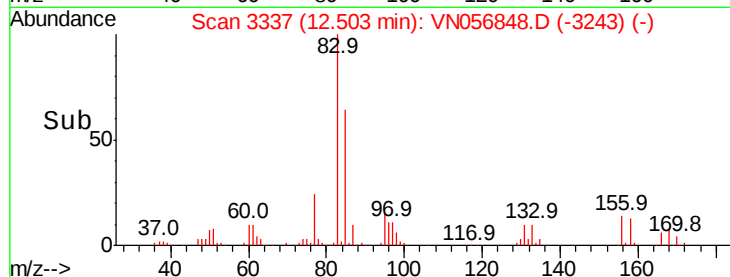
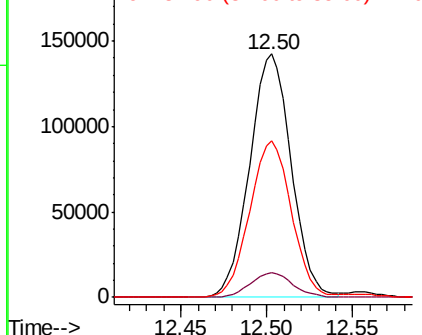
7/23/2019 4:32:38 AM



Abundance Ion 82.90 (82.60 to 83.60): VN056700.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN056700.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN056700.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 51.416 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN056848.D

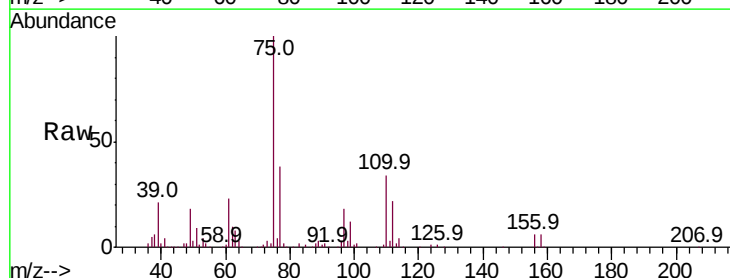
Acq: 19 Jul 2019 21:30

Tgt Ion: 75 Resp: 211404

Ion Ratio Lower Upper

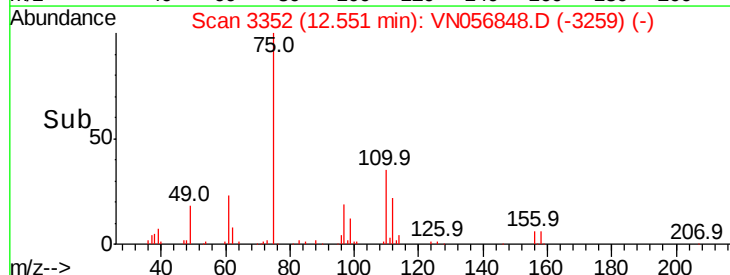
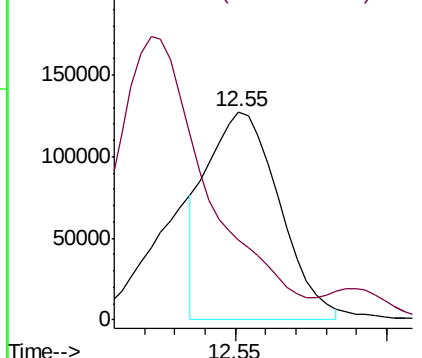
75 100

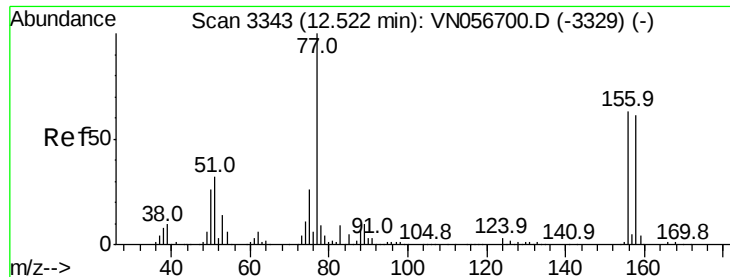
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN056700.D (-3347) (-)





#77

Bromobenzene

Concen: 49.468 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 196125

Ion Ratio Lower Upper

156 100

77 188.1 97.2 291.6

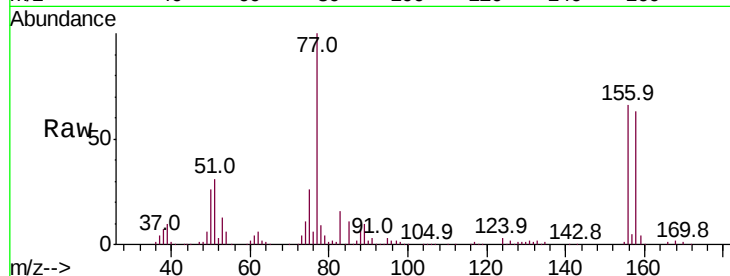
158 96.7 48.9 146.8

Manual Integrations

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MMDadoda

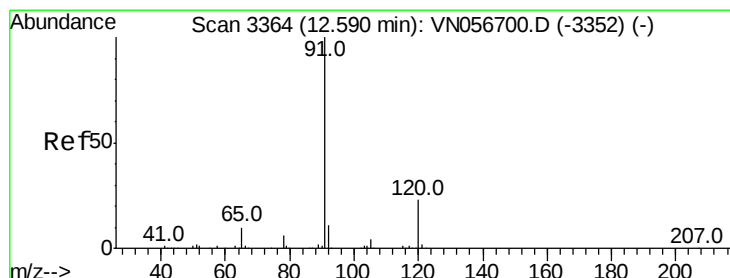
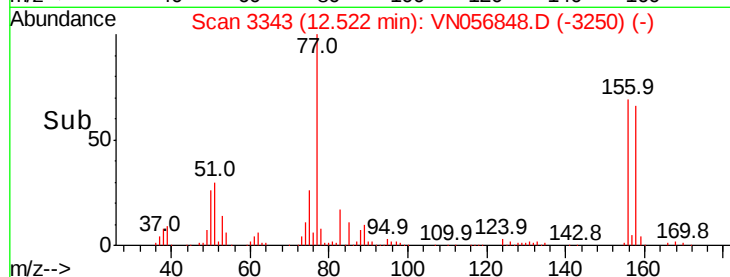
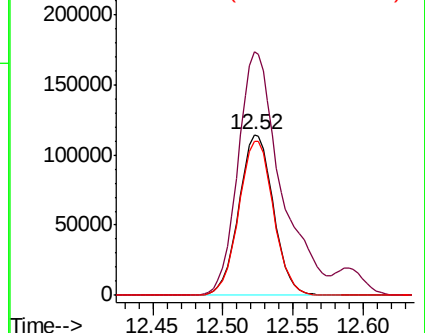
7/23/2019 4:32:38 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.568 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056848.D

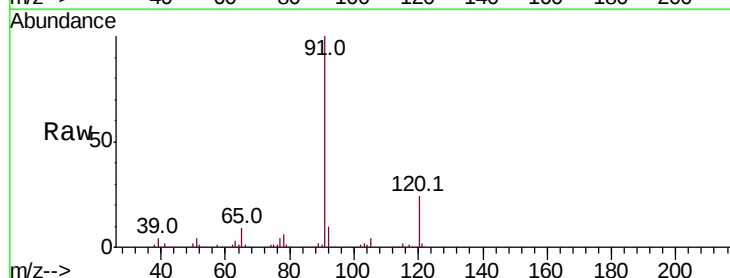
Acq: 19 Jul 2019 21:30

Tgt Ion: 91 Resp: 817305

Ion Ratio Lower Upper

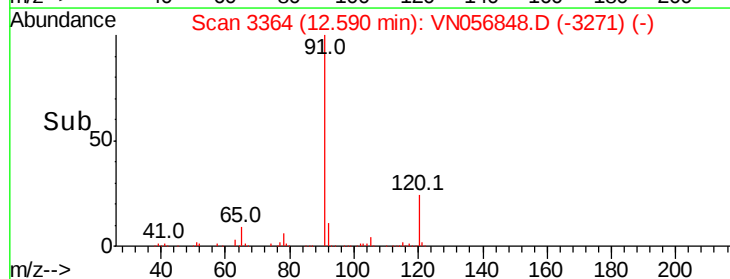
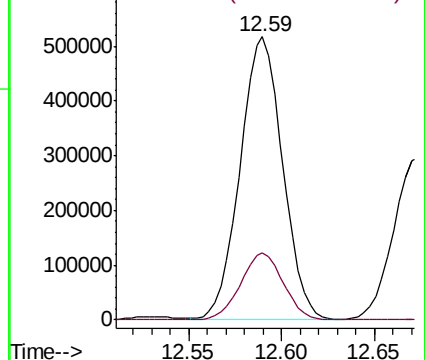
91 100

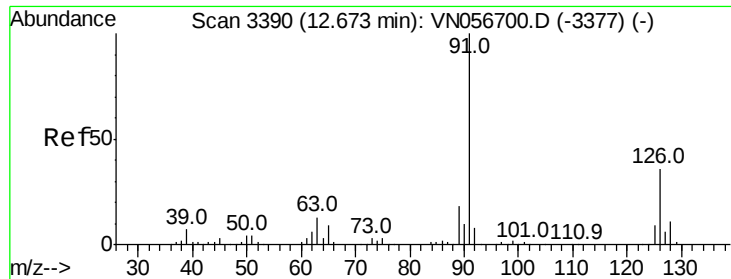
120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





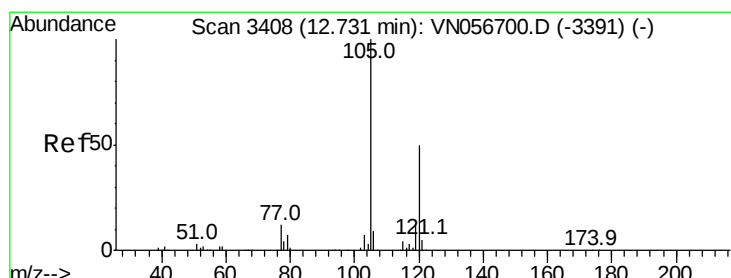
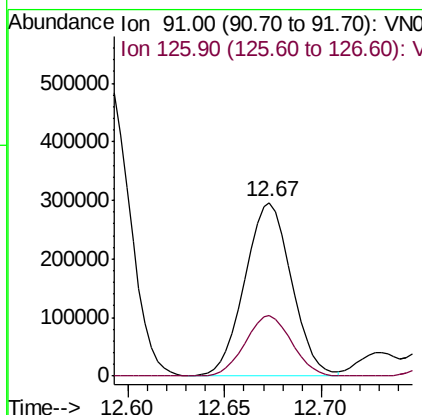
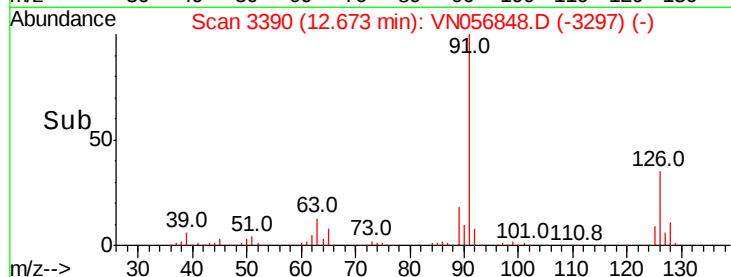
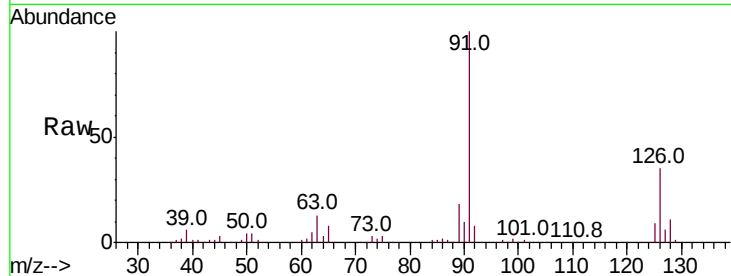
#79
 2-Chlorotoluene
 Concen: 53.500 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 91 Resp: 496440
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.9 53.7

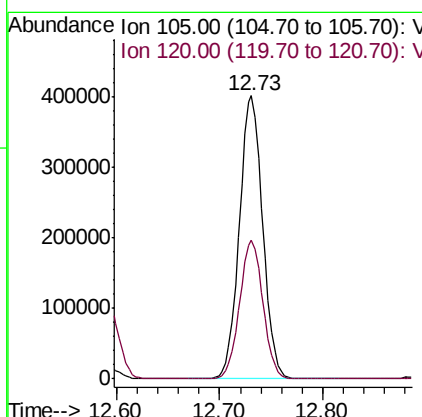
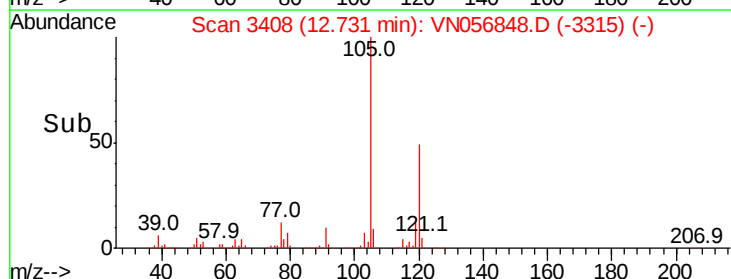
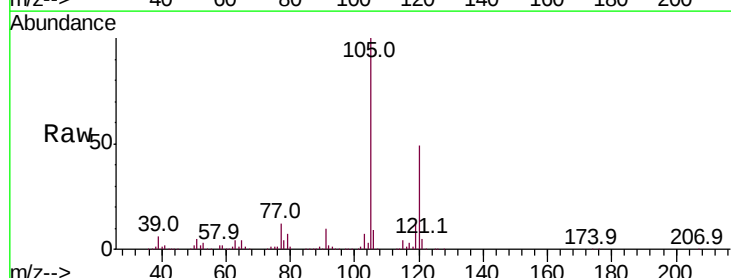
Manual Integrations
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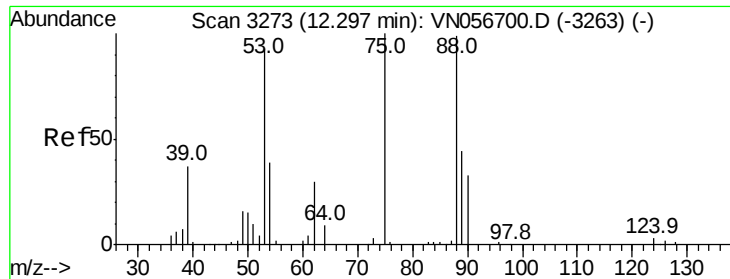
MMDadoda
 7/23/2019 4:32:38 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.961 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion: 105 Resp: 628997
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.3





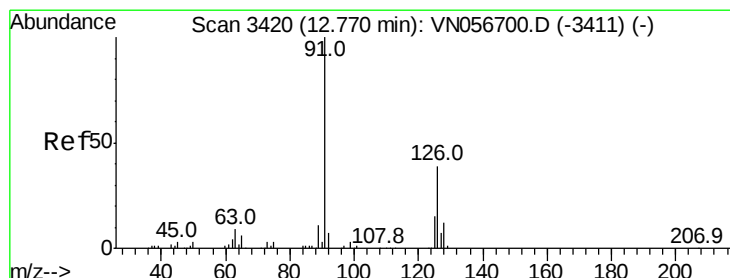
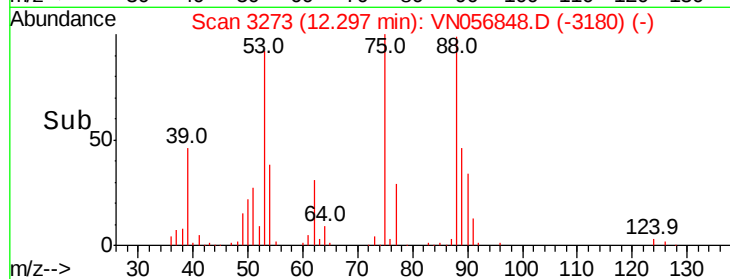
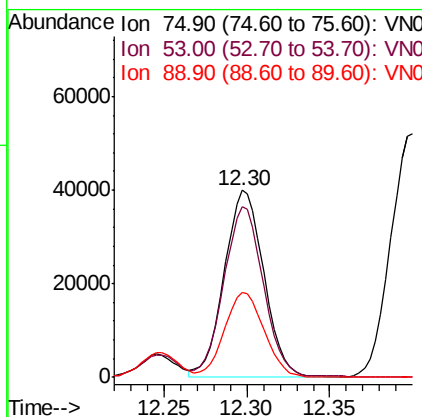
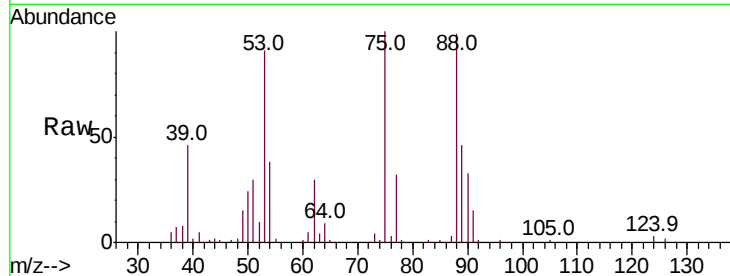
#81
trans-1,4-Dichloro-2-butene
Concen: 49.953 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	73.7	110.5
89	45.2	36.2	54.2

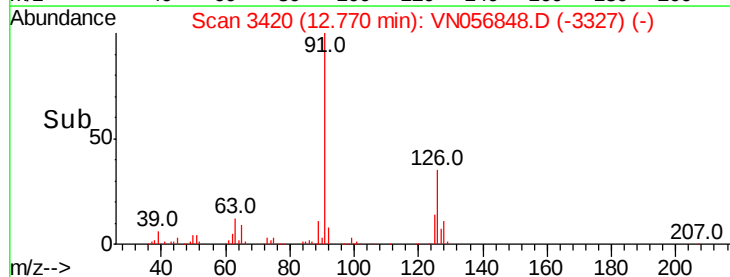
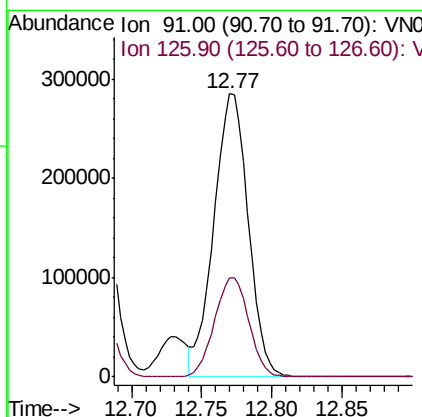
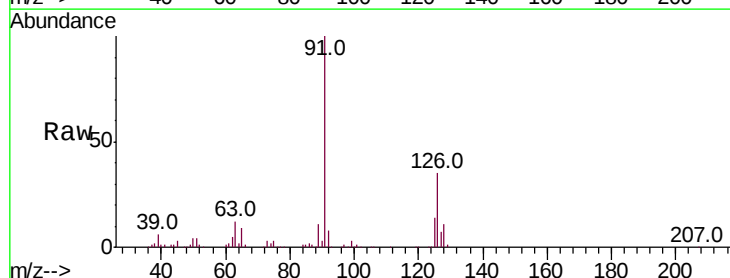
Manual Integrations
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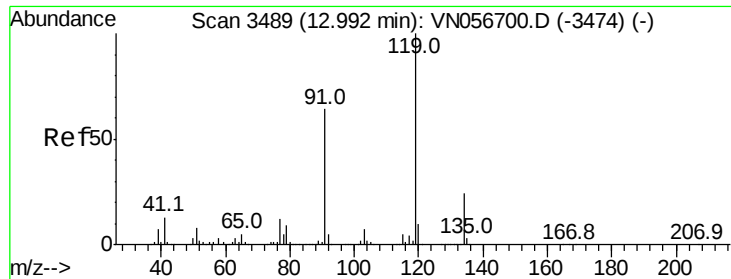
MMDadoda
7/23/2019 4:32:38 AM



#82
4-Chlorotoluene
Concen: 48.960 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.6	52.8





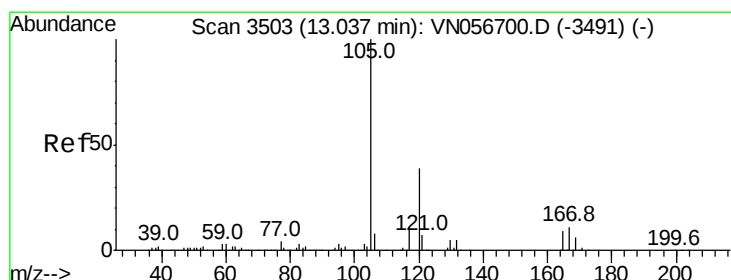
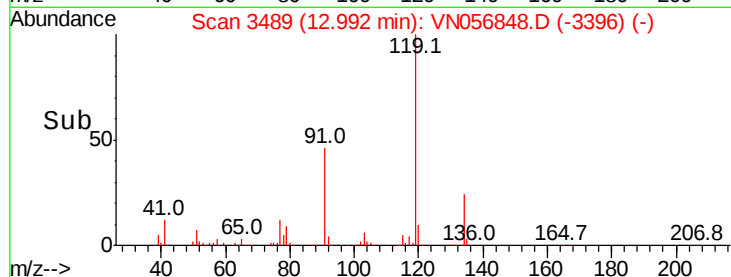
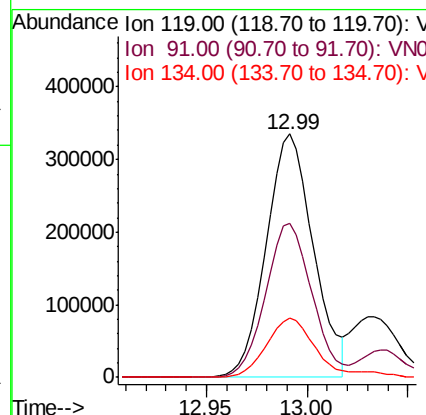
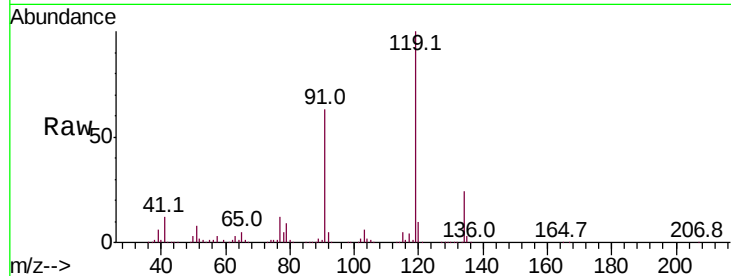
#83
tert-Butylbenzene
Concen: 54.456 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.8	95.4
134	26.2	13.0	38.9

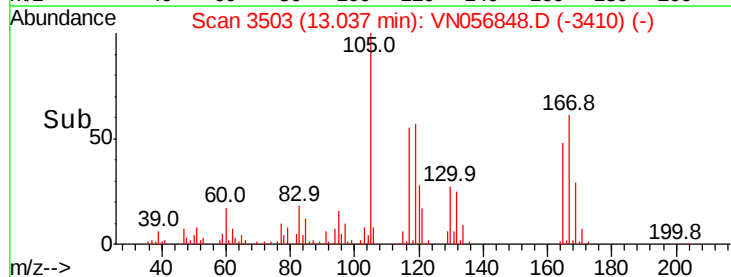
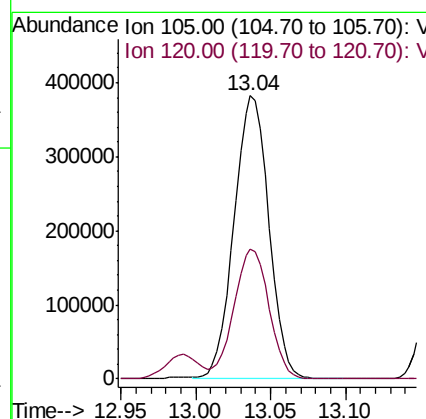
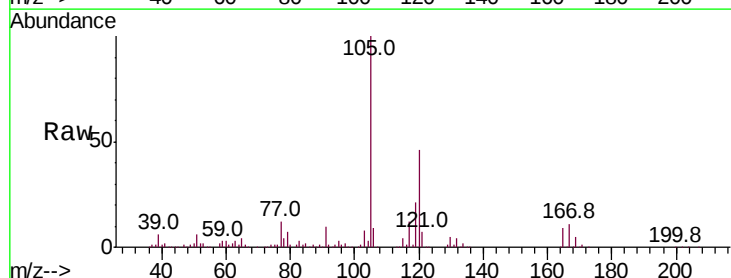
Manual Integrations
APPROVED

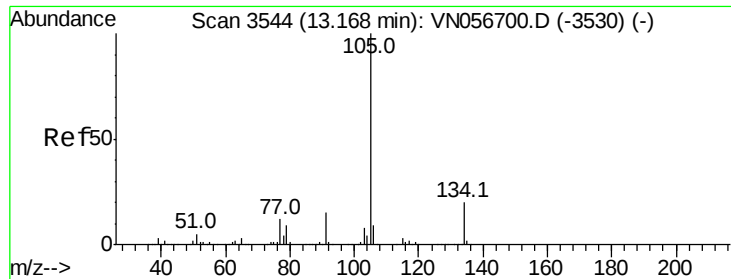
MMDadoda
7/23/2019 4:32:38 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.228 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 48.981 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 699224

Ion Ratio Lower Upper

105 100

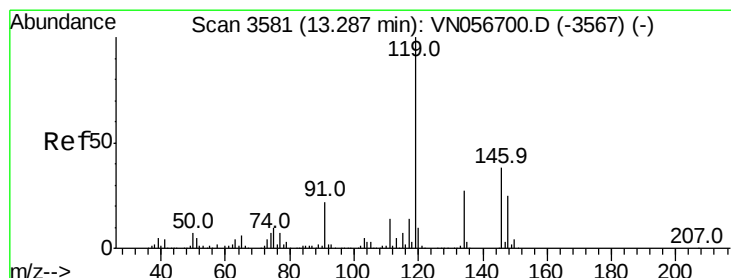
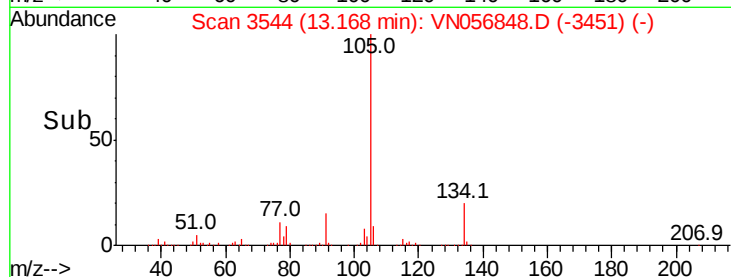
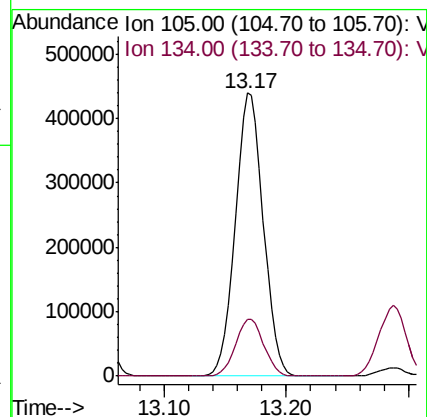
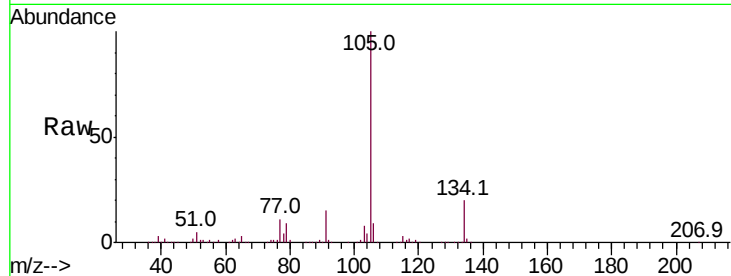
134 20.4 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.344 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

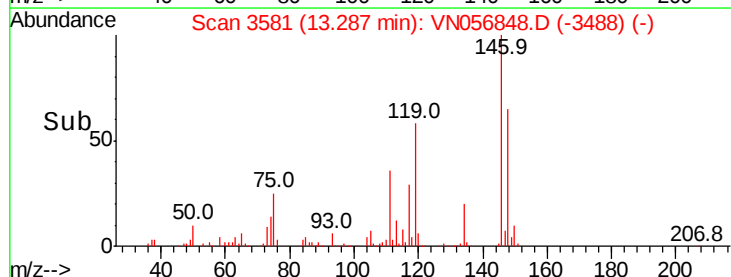
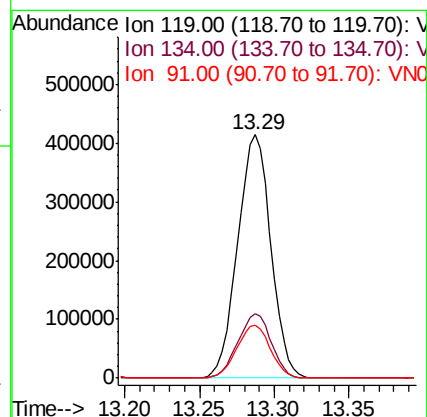
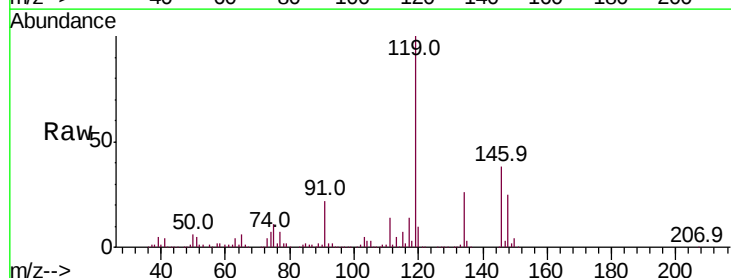
Tgt Ion:119 Resp: 638114

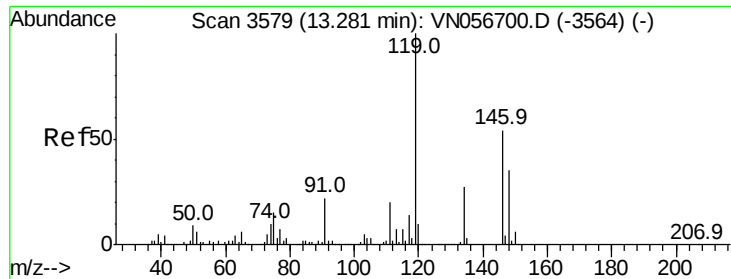
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.2 33.5





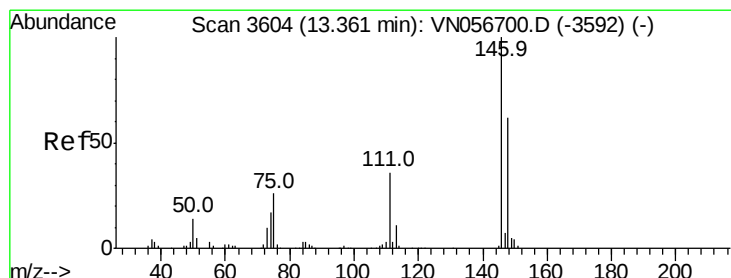
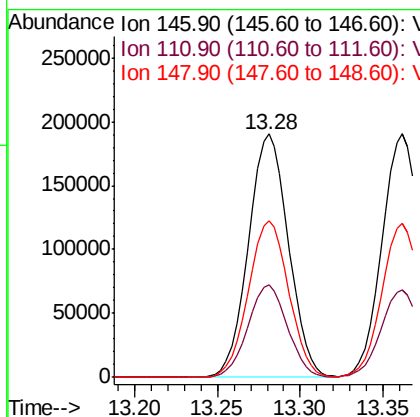
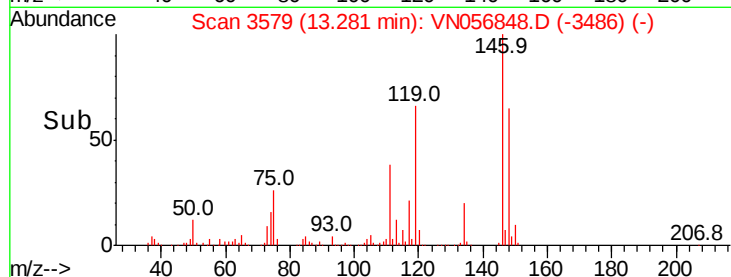
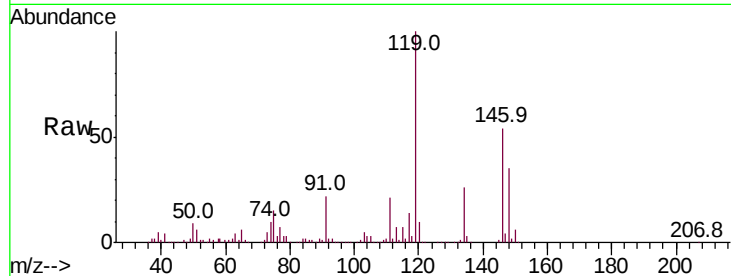
#87
 1,3-Dichlorobenzene
 Concen: 49.107 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	64.9	32.3	96.8

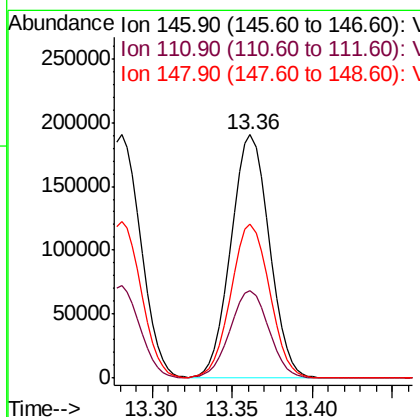
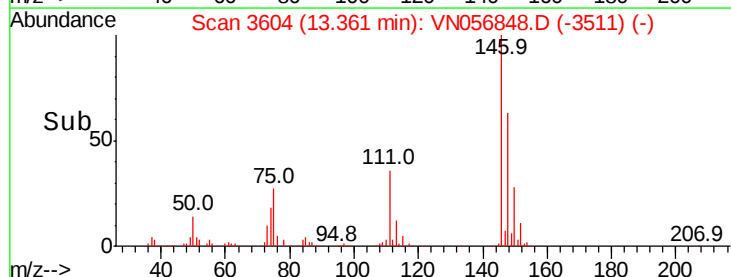
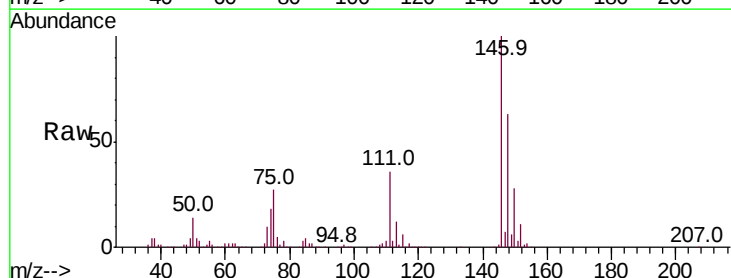
Manual Integrations
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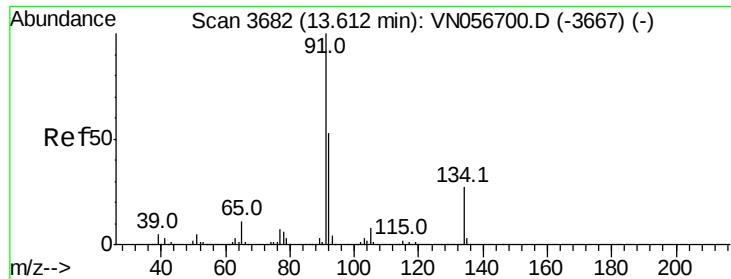
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.337 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.6	55.8
148	63.7	31.9	95.7





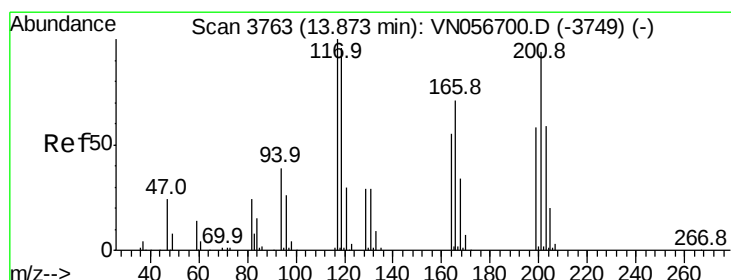
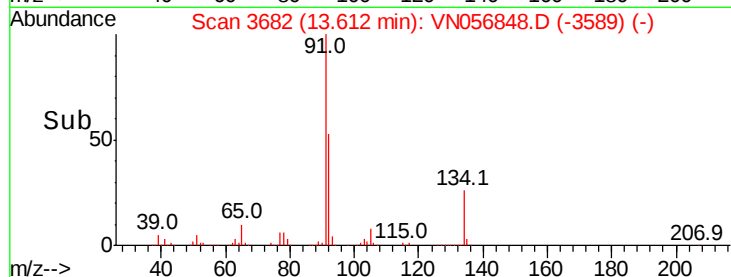
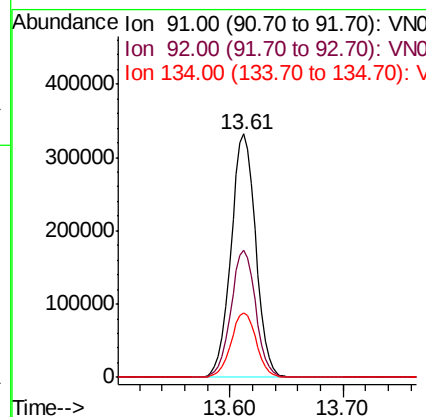
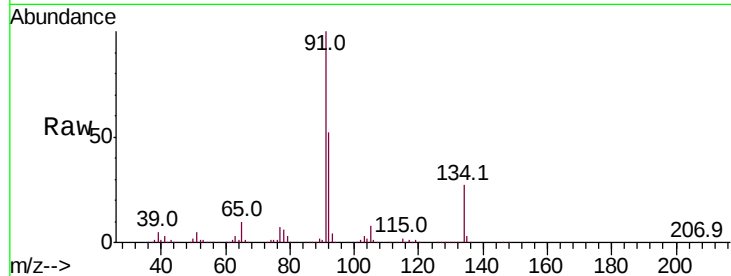
#89
n-Butylbenzene
Concen: 48.354 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.1	13.4	40.2

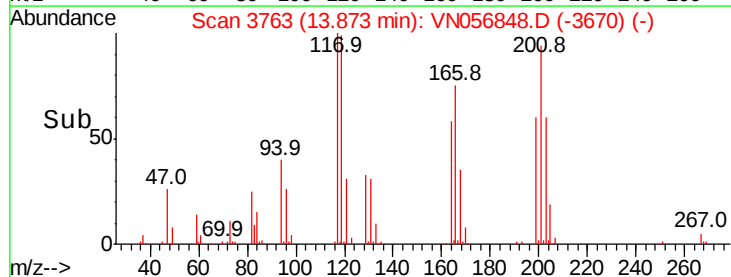
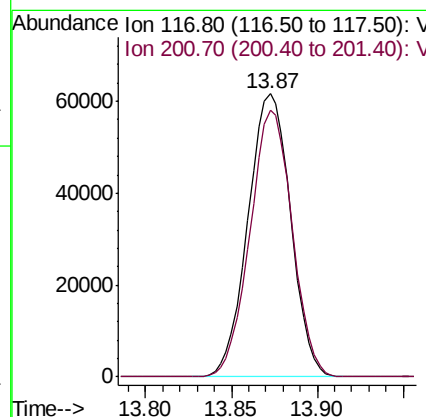
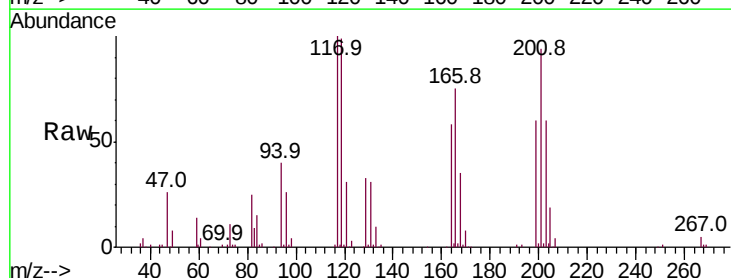
Manual Integrations
APPROVED

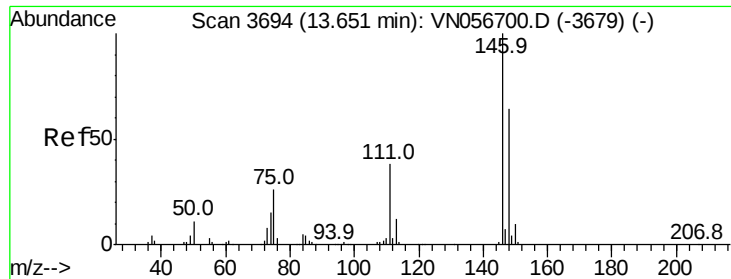
MMDadoda
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#90
Hexachloroethane
Concen: 50.749 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056848.D
Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.0	46.5	139.5





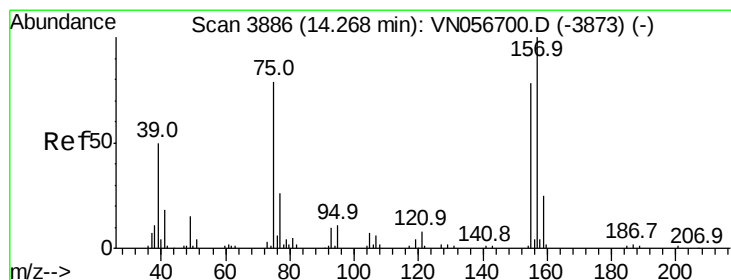
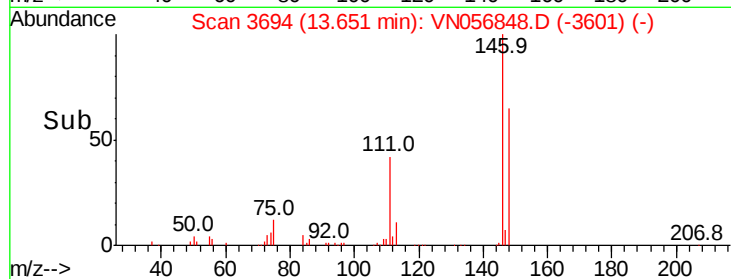
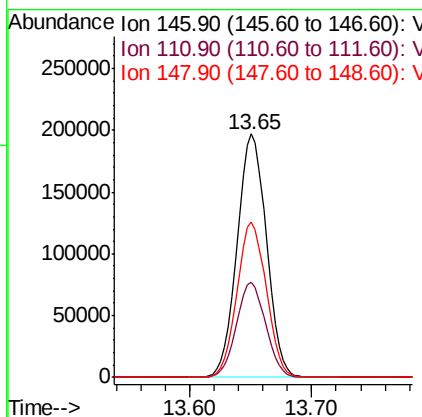
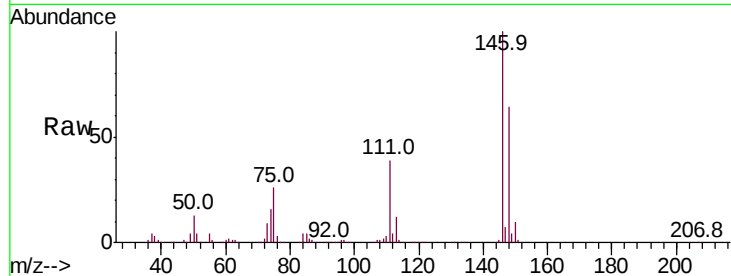
#91
 1,2-Dichlorobenzene
 Concen: 49.150 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	63.8	31.7	95.1

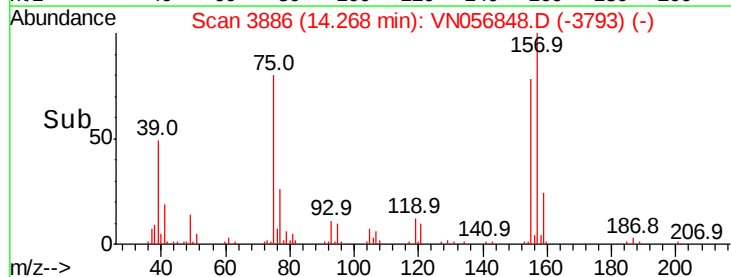
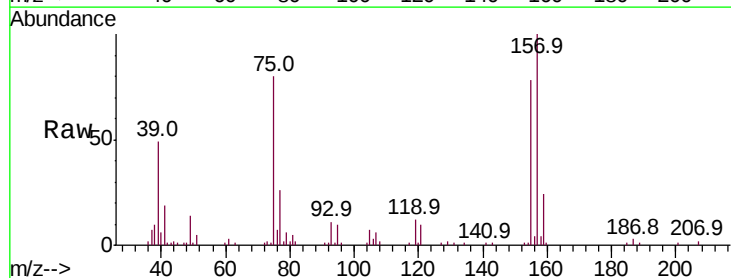
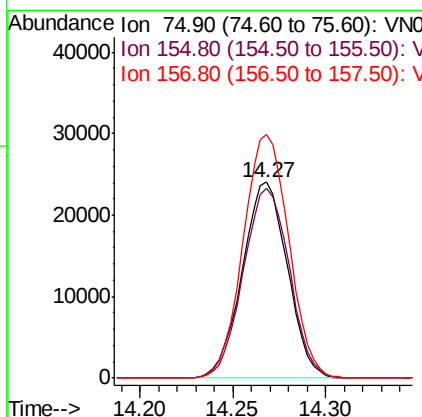
Manual Integrations
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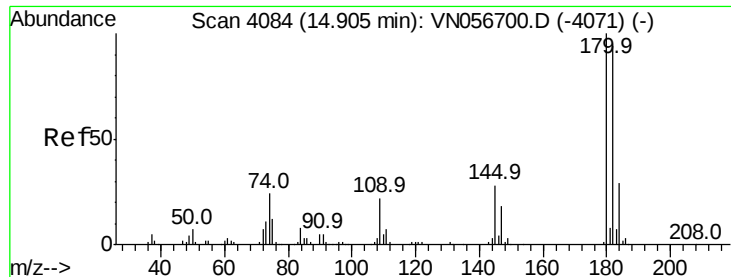
MMDadoda
 7/23/2019 4:32:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.975 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056848.D
 Acq: 19 Jul 2019 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	49.3	147.9
157	126.1	62.4	187.1





#93

1,2,4-Trichlorobenzene

Concen: 43.623 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

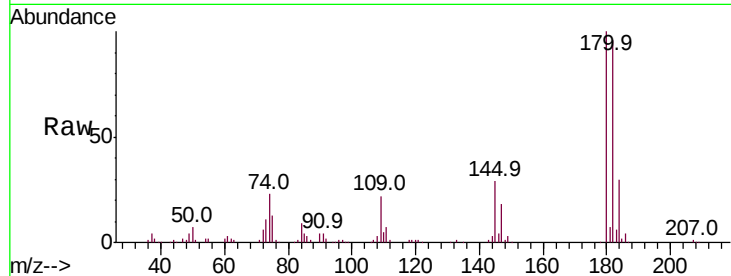
ClientSampleId :

VSTDCCC050EC

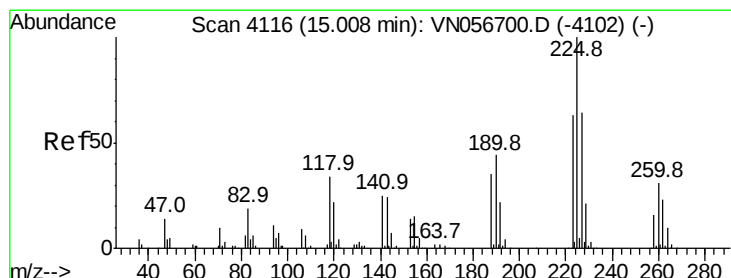
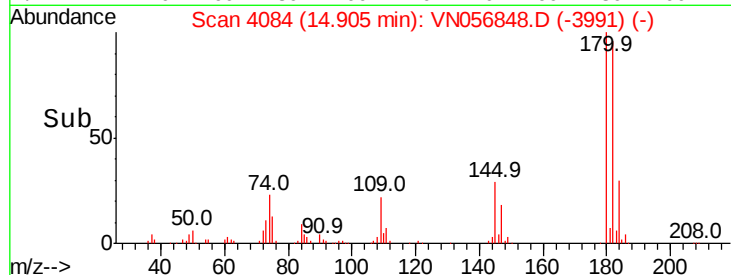
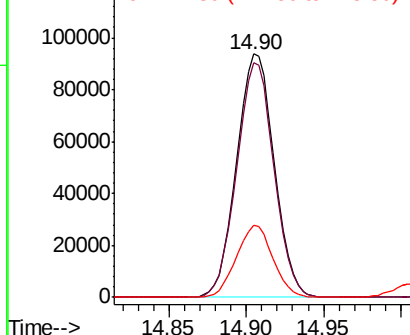
Tot Ion:	180	Resp:	158286
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.2	141.6
145	28.6	14.2	42.8

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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: 53.481 ug/l

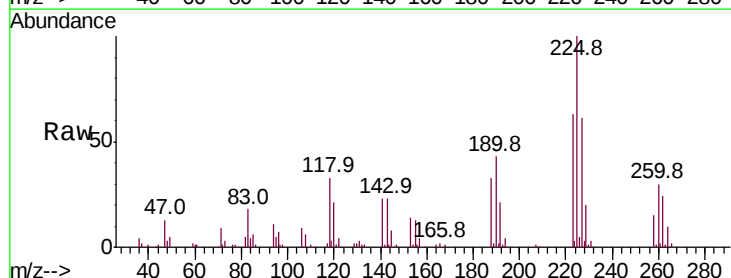
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

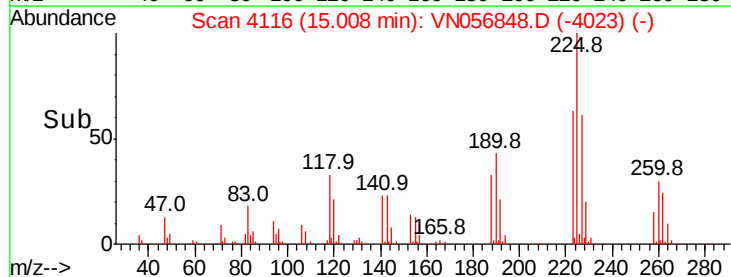
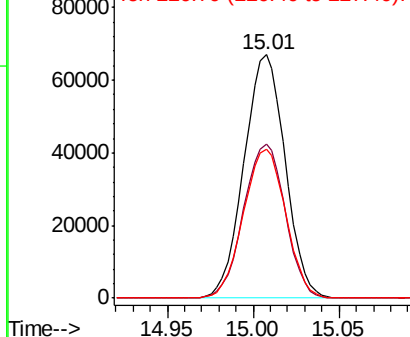
Lab File: VN056848.D

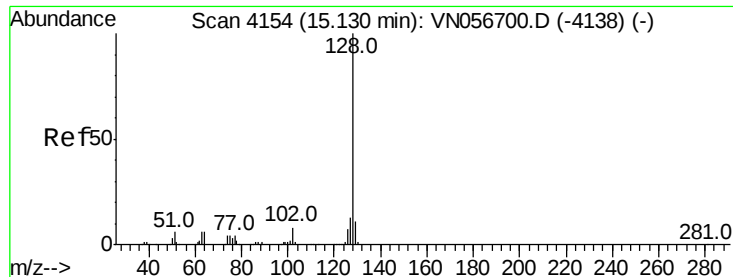
Acq: 19 Jul 2019 21:30

Tgt Ion:	225	Resp:	111472
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.5	94.5
227	62.8	32.0	96.2



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: 40.947 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Instrument :

MSVOA_N

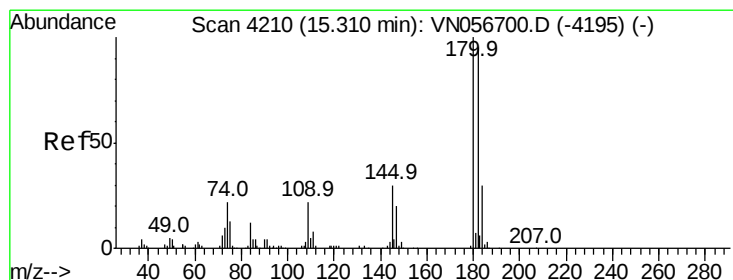
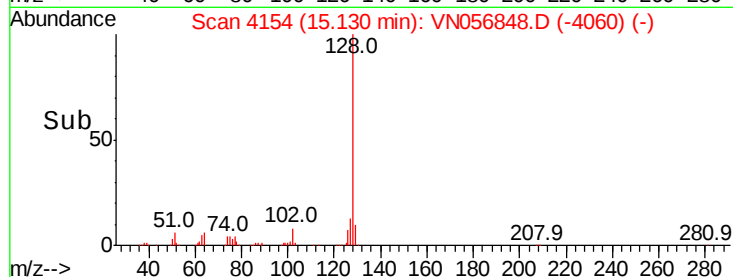
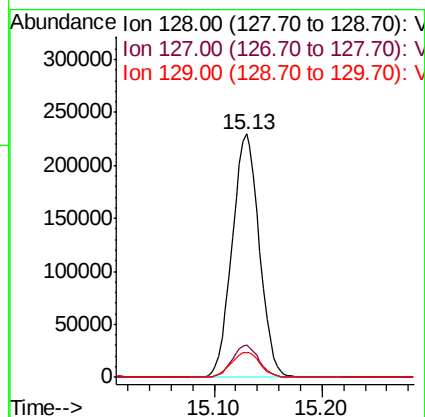
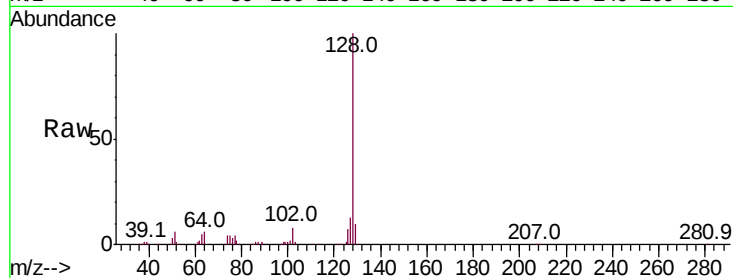
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	403352
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 44.721 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056848.D

Acq: 19 Jul 2019 21:30

Tgt Ion:	180	Resp:	161639
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.1	141.3
145	30.5	15.0	45.1

