

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065779.D
 Acq On : 9 Feb 2021 14:45
 Operator : JC/MD
 Sample : PB134480TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 10 00:58:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

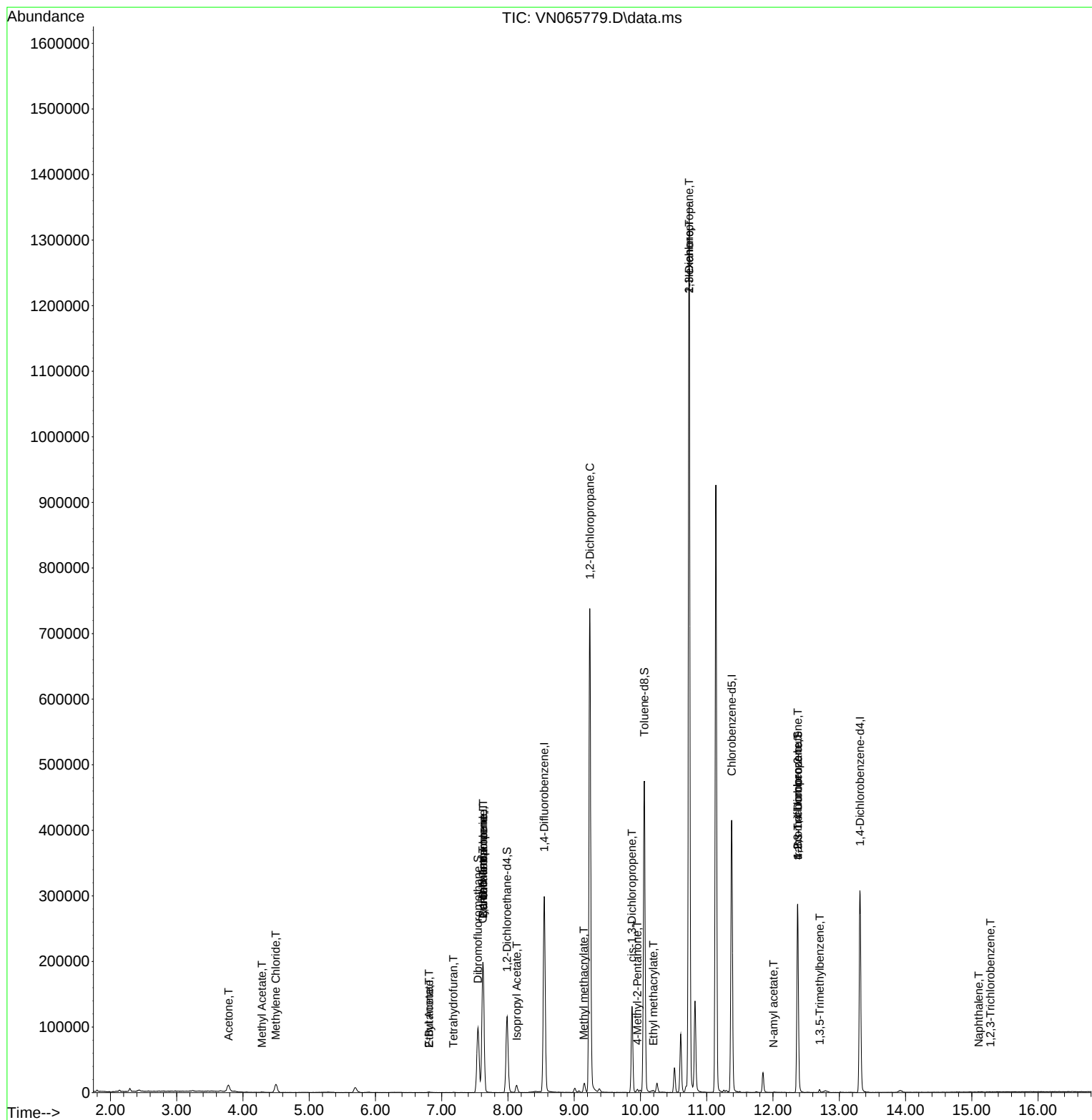
Internal Standards						
1) Pentafluorobenzene	7.624	168	172035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	282770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	252471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	92667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	96629	42.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.38%		
35) Dibromofluoromethane	7.547	113	80218	47.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.74%		
50) Toluene-d8	10.058	98	349917	53.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.24%		
62) 4-Bromofluorobenzene	12.373	95	114467	48.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.52%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	16666	18.92	ug/l	98
18) Methyl Acetate	4.287	43	948	0.38	ug/l #	51
20) Methylene Chloride	4.496	84	9442	3.87	ug/l	95
25) 2-Butanone	6.807	43	2012	1.46	ug/l #	46
29) Tetrahydrofuran	7.177	42	207	0.21	ug/l #	32
31) Cyclohexane	7.618	56	3011	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	12031	4.23	ug/l #	46
37) Ethyl Acetate	6.807	43	2012	0.74	ug/l #	68
38) Carbon Tetrachloride	7.624	117	15419	6.58	ug/l #	16
43) Isopropyl Acetate	8.132	43	12876	2.66	ug/l #	90
45) 1,2-Dichloropropane	9.238	63	865	0.36	ug/l #	44
48) Methyl methacrylate	9.145	41	3317	1.44	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3669	1.37	ug/l	90
54) cis-1,3-Dichloropropene	9.872	75	25725	7.00	ug/l #	57
56) Ethyl methacrylate	10.196	69	1699	0.52	ug/l #	84
57) 1,3-Dichloropropane	10.733	76	14322	4.14	ug/l #	43
59) 2-Hexanone	10.733	43	184986	99.85	ug/l #	51
74) N-amyl acetate	12.010	43	896	0.26	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	51251	21.15	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2892	0.42	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.373	75	51251	54.17	ug/l #	12
95) Naphthalene	15.106	128	620	3.55	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	66	2.88	ug/l #	12

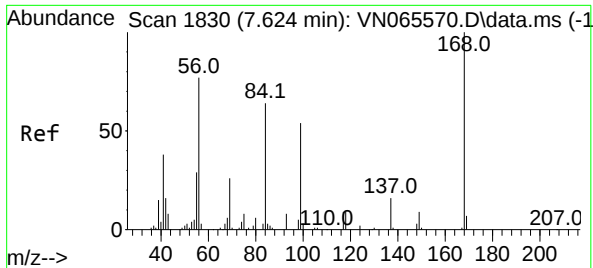
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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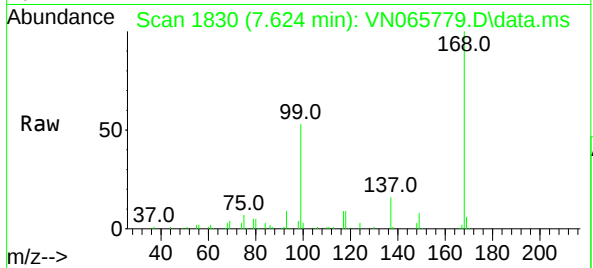
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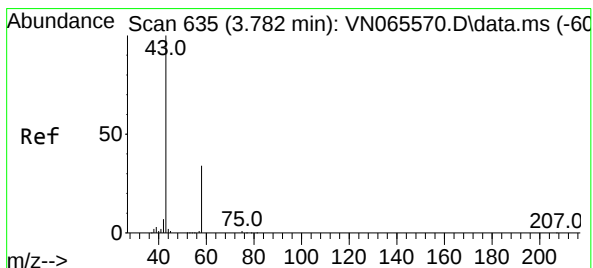
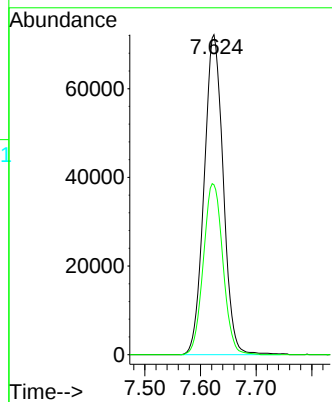
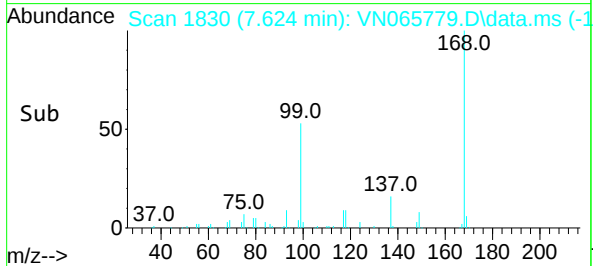


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

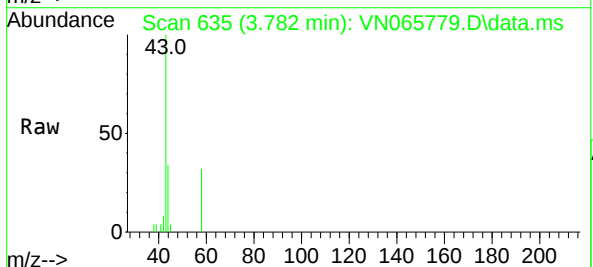
Instrument :
MSVOA_N
ClientSampleId :



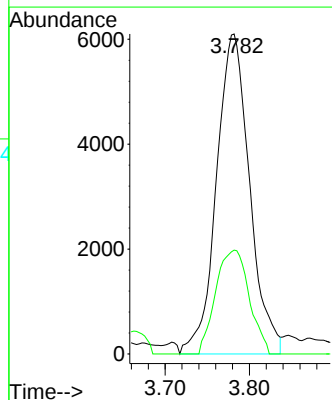
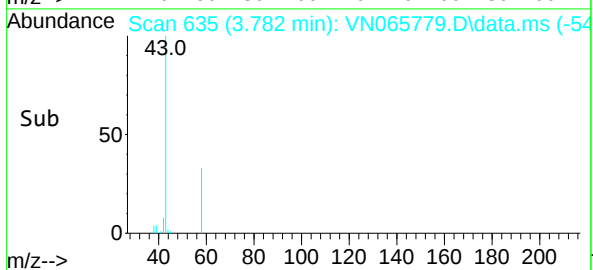
Tgt Ion:168 Resp: 172035
Ion Ratio Lower Upper
168 100
99 53.1 42.6 63.8

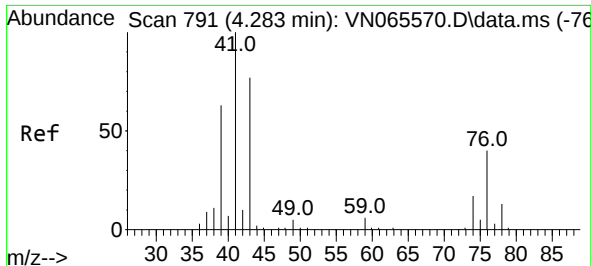


#16
Acetone
Concen: 18.92 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45



Tgt Ion: 43 Resp: 16666
Ion Ratio Lower Upper
43 100
58 32.5 27.0 40.6

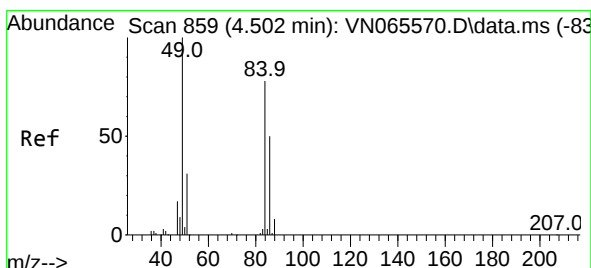
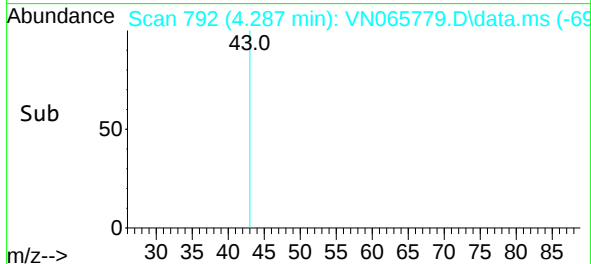
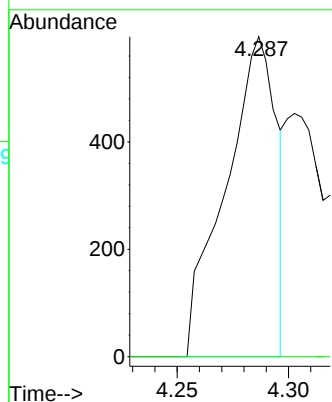
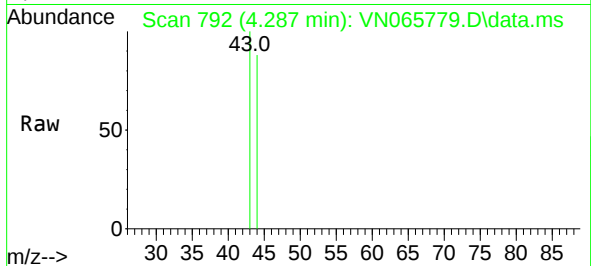




#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

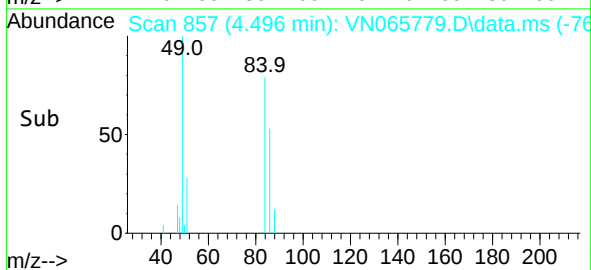
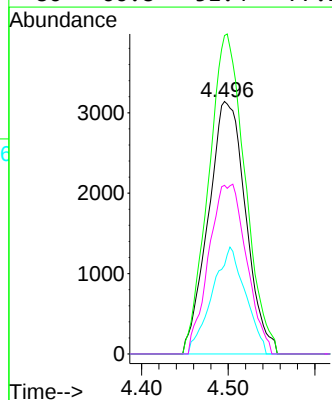
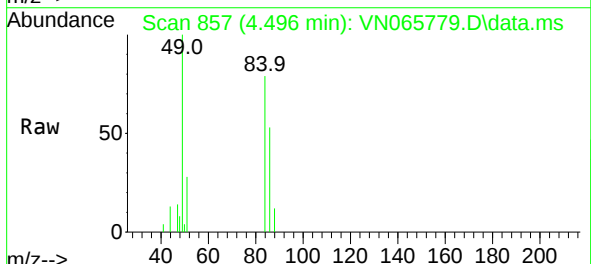
Instrument :
MSVOA_N
ClientSampled :

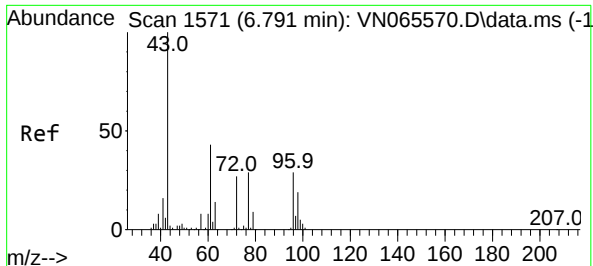
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#20
Methylene Chloride
Concen: 3.87 ug/l
RT: 4.496 min Scan# 857
Delta R.T. -0.006 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

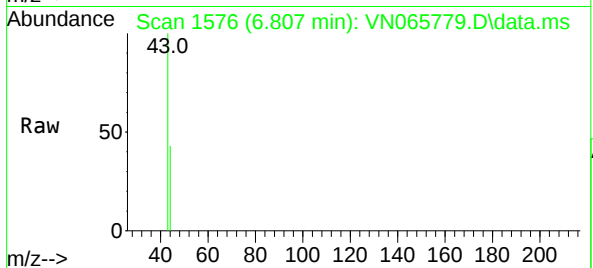
Tgt Ion: 84 Resp: 9442
Ion Ratio Lower Upper
84 100
49 126.1 94.6 141.8
51 35.1 29.9 44.9
86 66.8 51.4 77.2



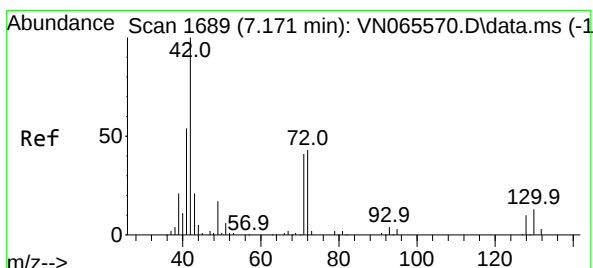
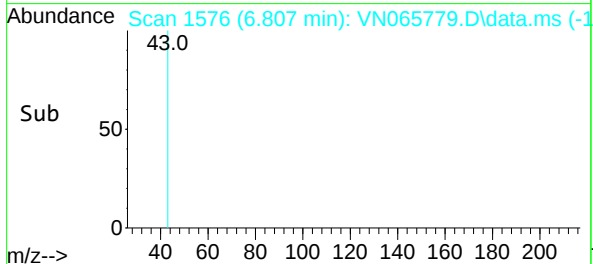
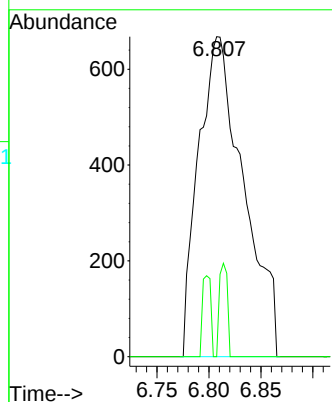


#25
2-Butanone
Concen: 1.46 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

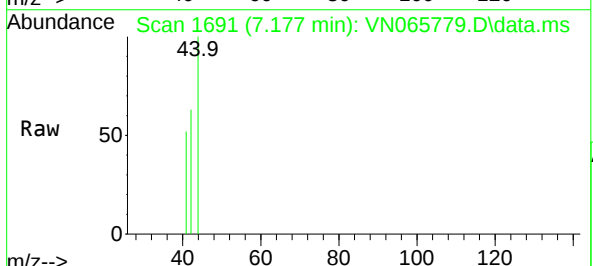
Instrument :
MSVOA_N
ClientSampled :



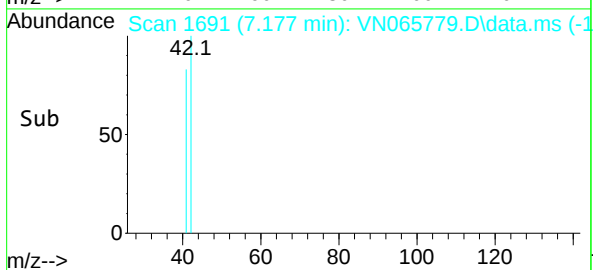
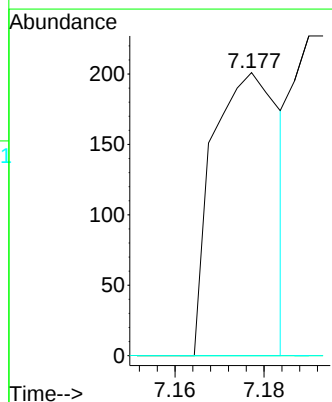
Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

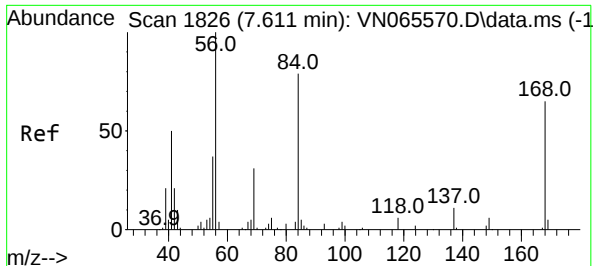


#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45



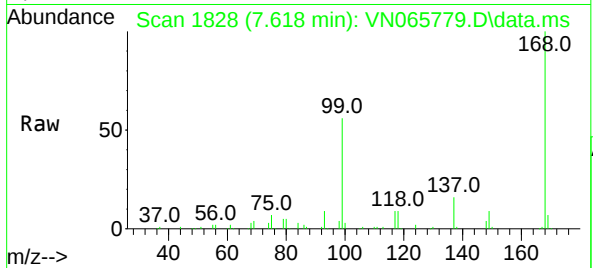
Tgt Ion: 42 Resp: 207
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



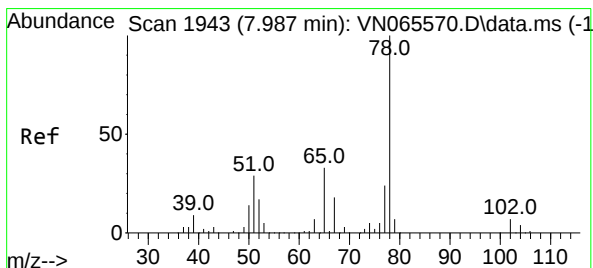
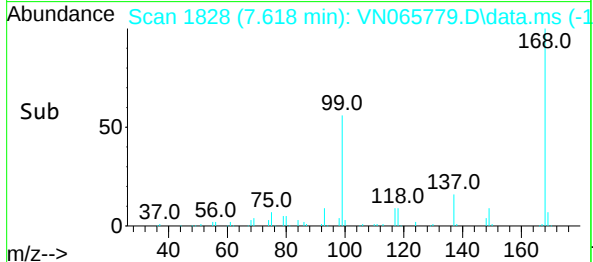
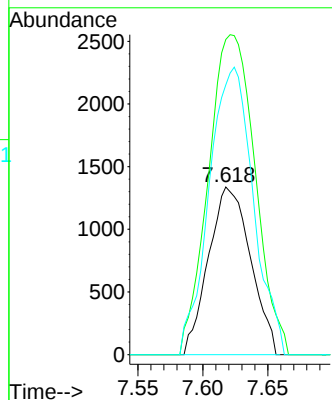


#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Instrument :
MSVOA_N
ClientSampled :

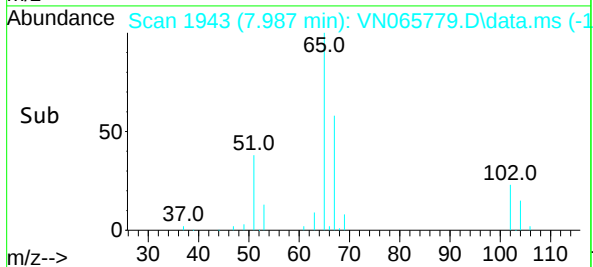
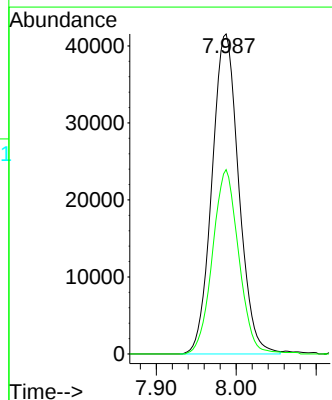
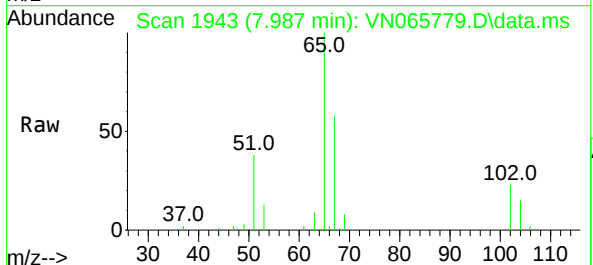


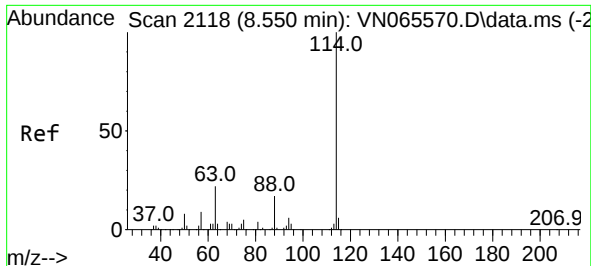
Tgt Ion: 56 Resp: 3011
Ion Ratio Lower Upper
56 100
69 188.0 26.6 39.8#
84 160.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.69 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 65 Resp: 96629
Ion Ratio Lower Upper
65 100
67 56.4 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065779.D

Acq: 9 Feb 2021 14:45

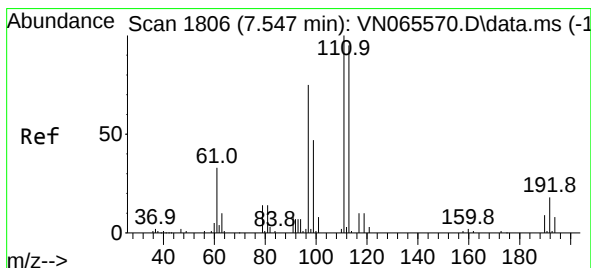
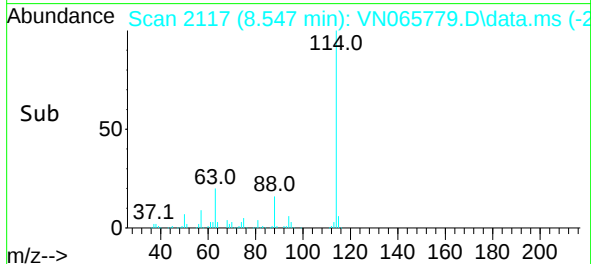
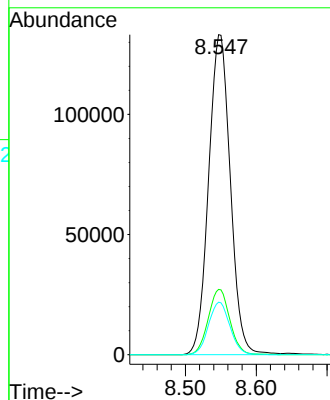
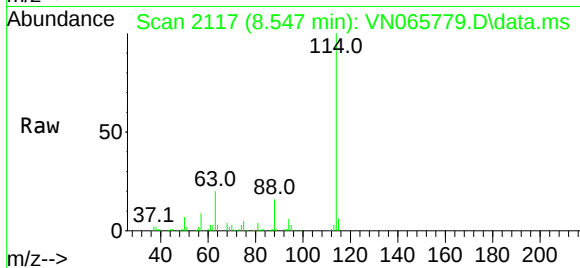
Tgt Ion:114 Resp: 282770

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.87 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065779.D

Acq: 9 Feb 2021 14:45

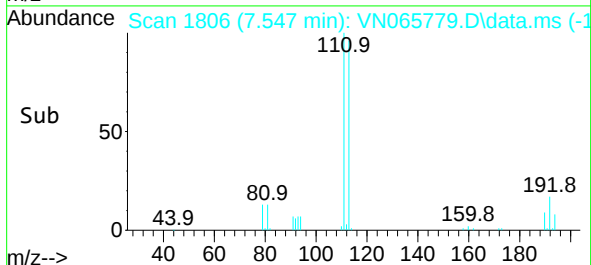
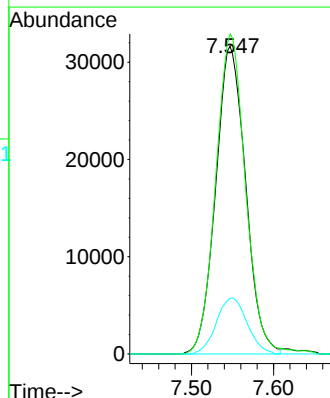
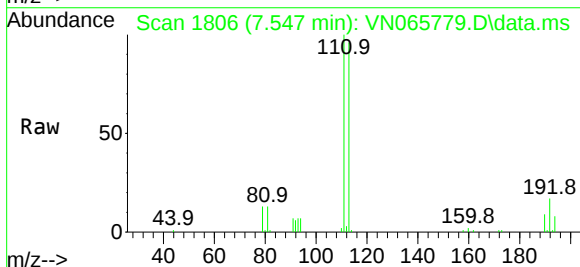
Tgt Ion:113 Resp: 80218

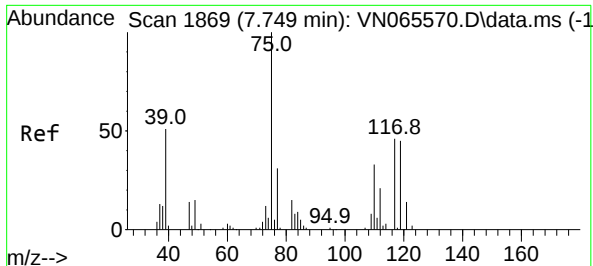
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

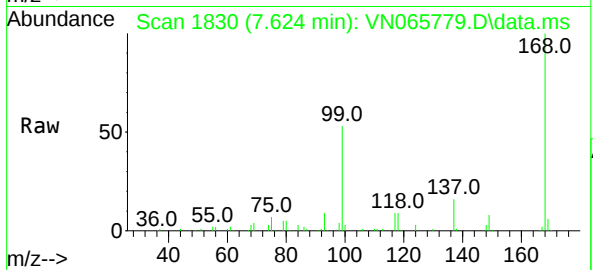
192 18.7 15.4 23.0



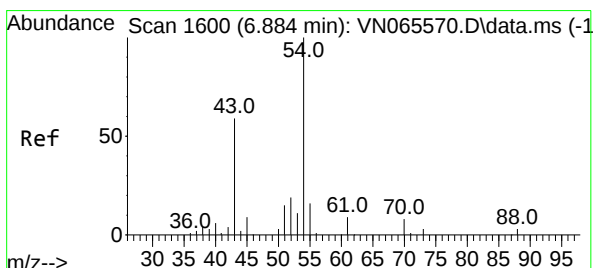
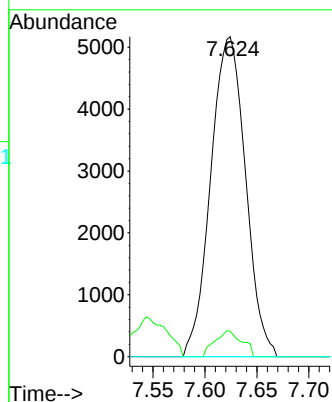
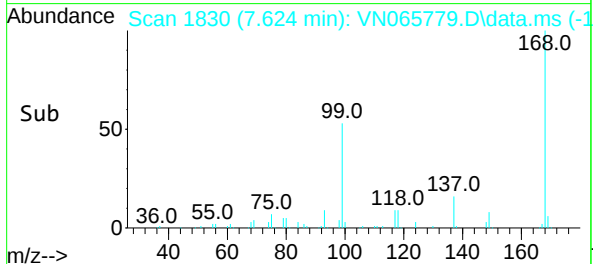


#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

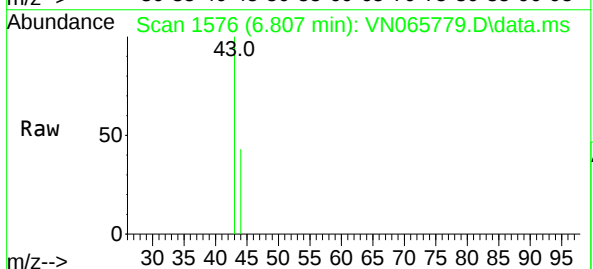
Instrument :
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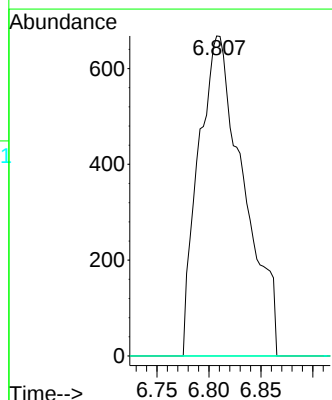
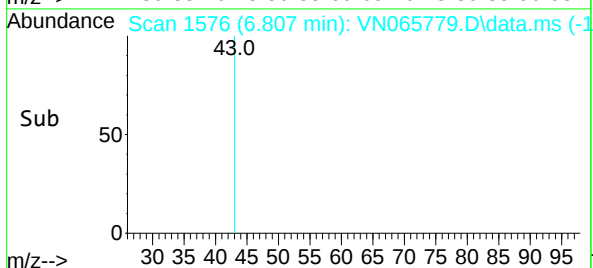
Tgt Ion: 75 Resp: 12031
Ion Ratio Lower Upper
75 100
110 6.3 18.2 54.6#
77 0.0 24.9 37.3#

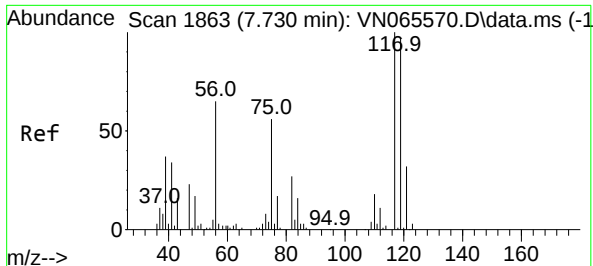


#37
Ethyl Acetate
Concen: 0.74 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. -0.077 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45



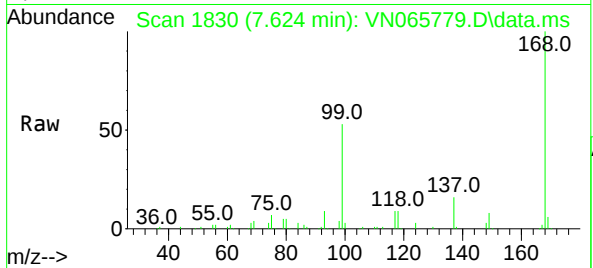
Tgt Ion: 43 Resp: 2012
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



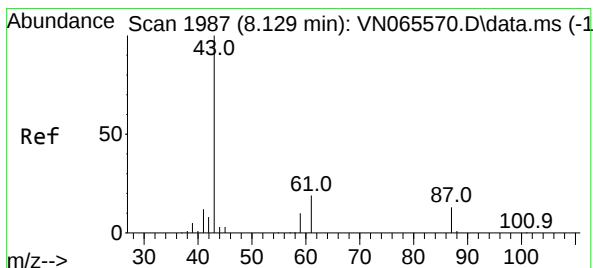
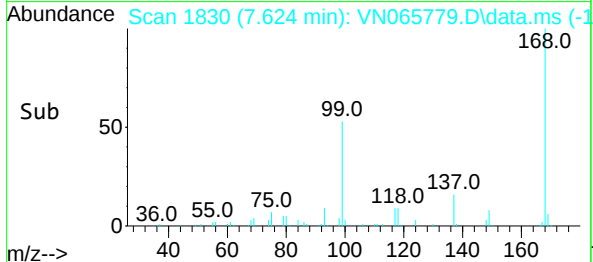
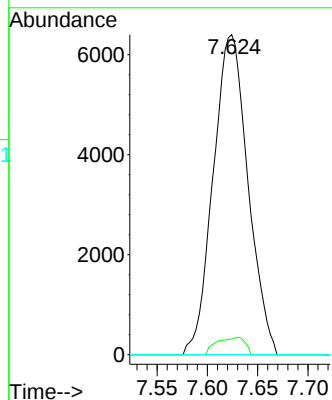


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Instrument :
MSVOA_N
ClientSampleId :

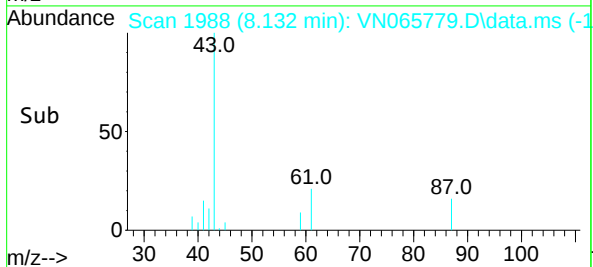
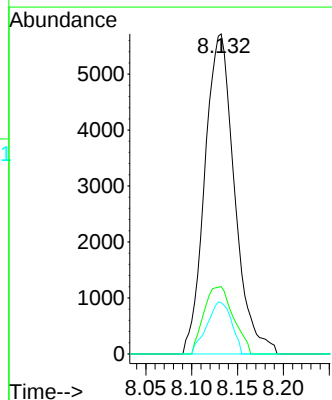
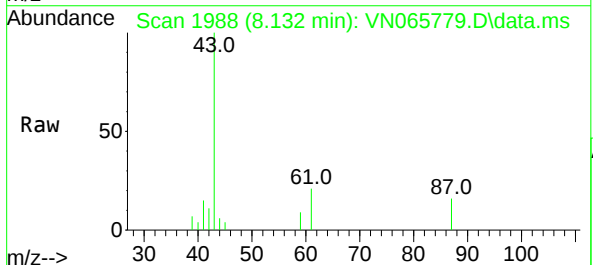


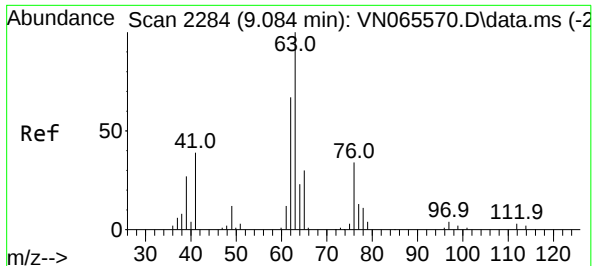
Tgt Ion:117 Resp: 15419
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.66 ug/l
RT: 8.132 min Scan# 1988
Delta R.T. 0.003 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 43 Resp: 12876
Ion Ratio Lower Upper
43 100
61 20.8 22.5 33.7#
87 13.5 11.1 16.7

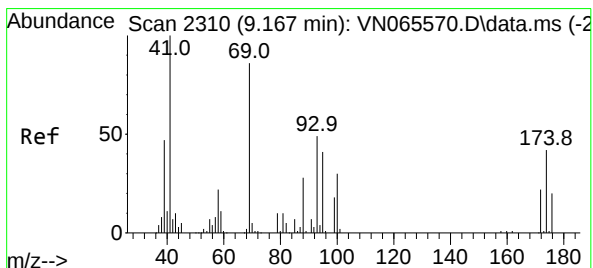
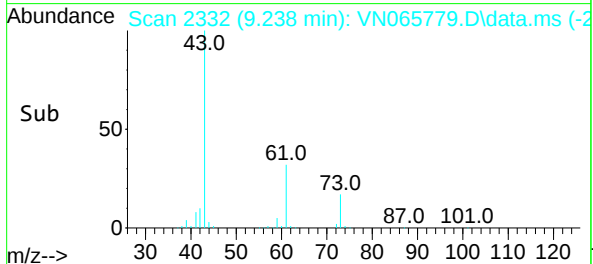
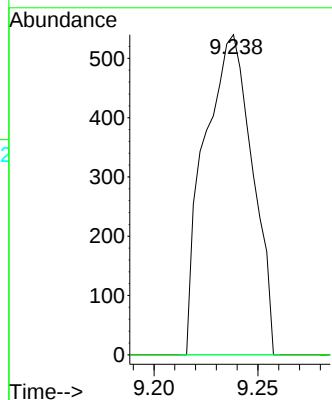
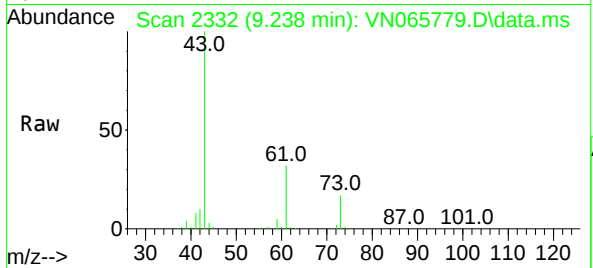




#45
1,2-Dichloropropane
Concen: 0.36 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

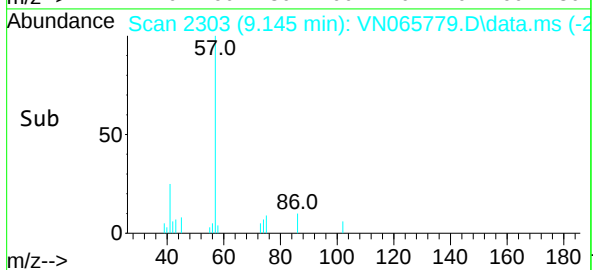
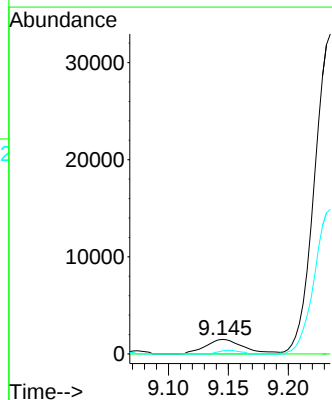
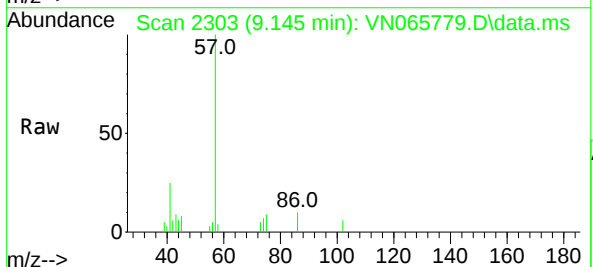
Instrument :
MSVOA_N
ClientSampled :

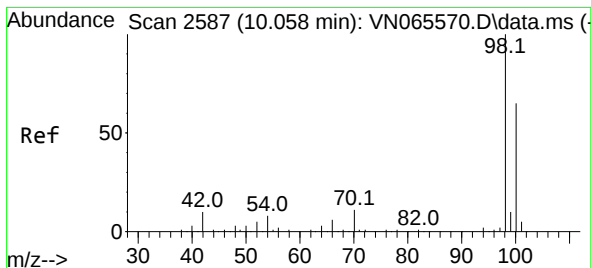
Tgt Ion: 63 Resp: 865
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.44 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 41 Resp: 3317
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

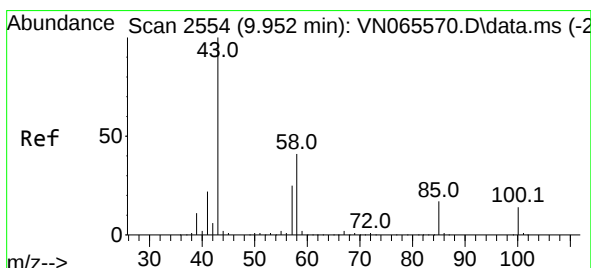
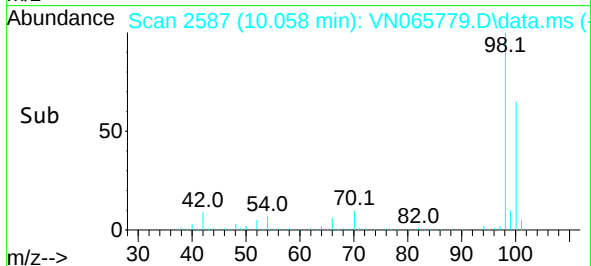
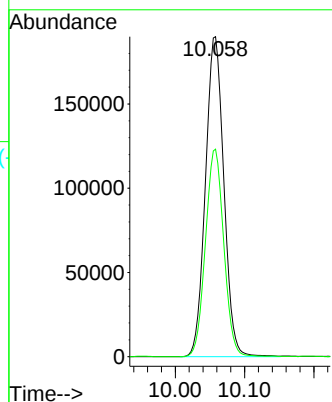
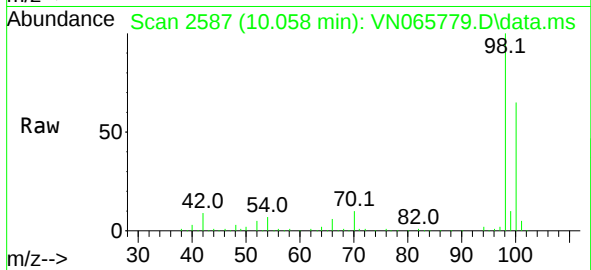




#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

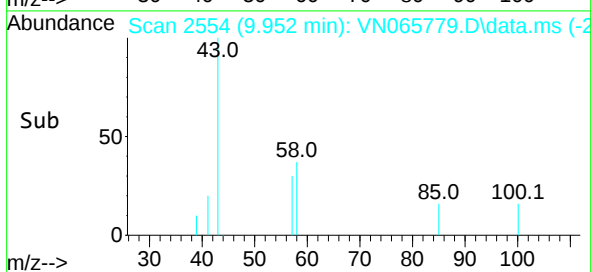
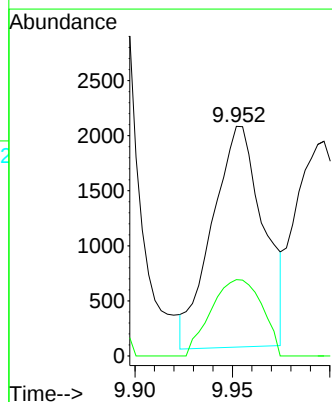
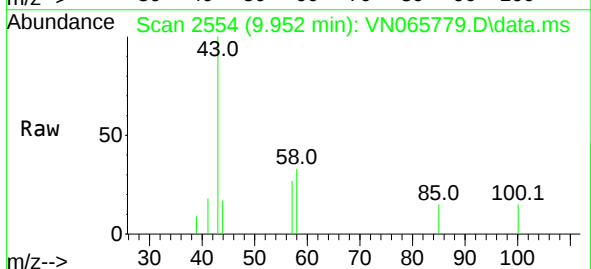
Instrument :
MSVOA_N
ClientSampled :

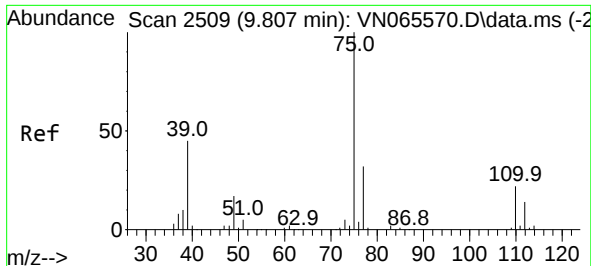
Tgt Ion: 98 Resp: 349917
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.37 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
58 34.5 32.5 48.7

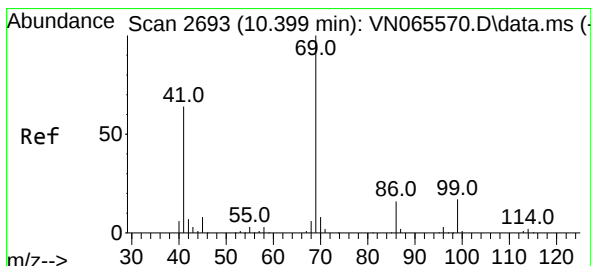
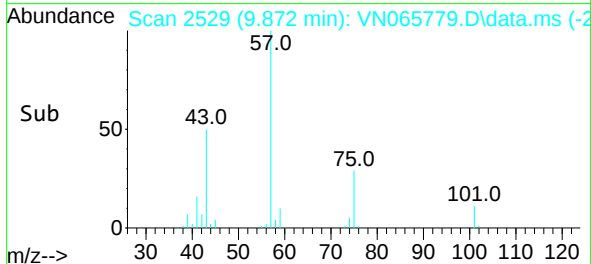
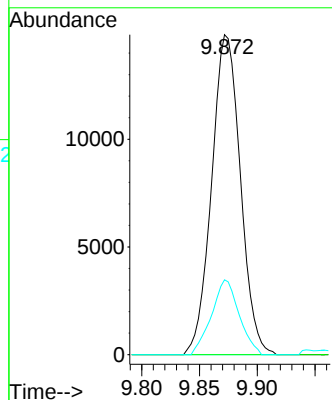
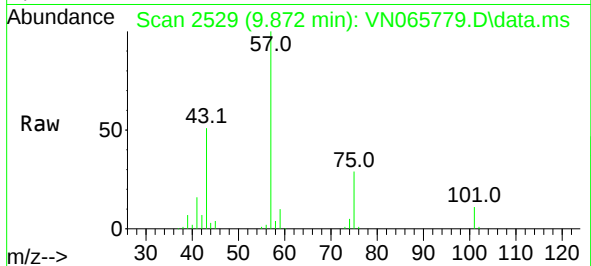




#54
cis-1,3-Dichloropropene
Concen: 7.00 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

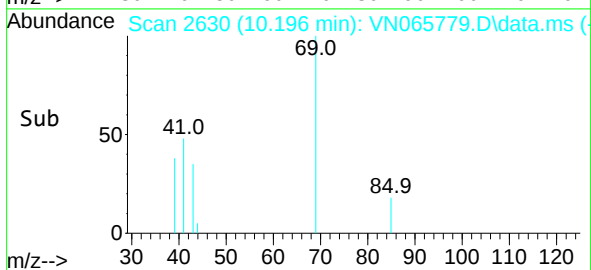
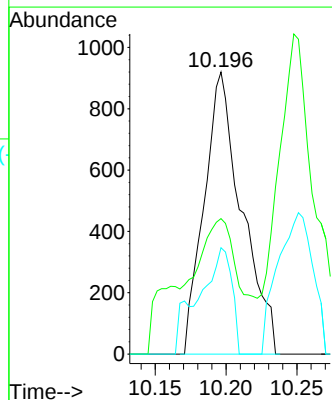
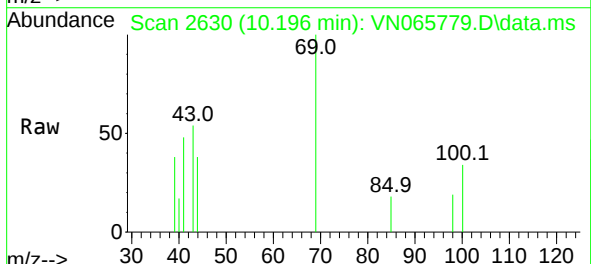
Instrument :
MSVOA_N
ClientSampled :

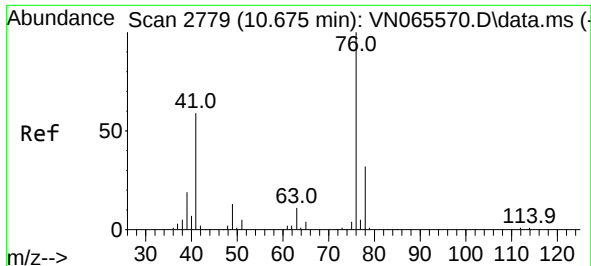
Tgt Ion: 75 Resp: 25725
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 23.4 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.52 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 69 Resp: 1699
Ion Ratio Lower Upper
69 100
41 74.1 49.6 74.4
39 25.7 28.0 42.0#

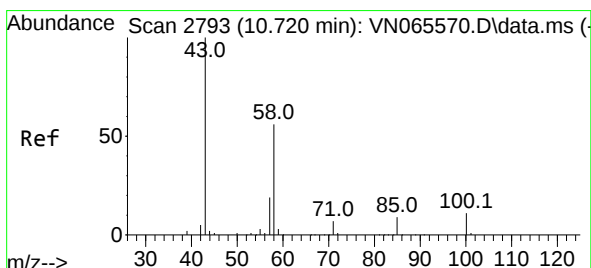
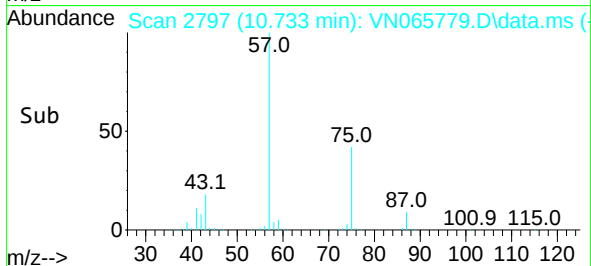
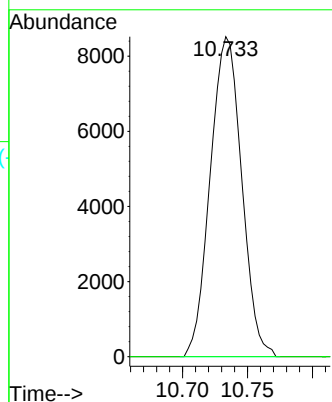
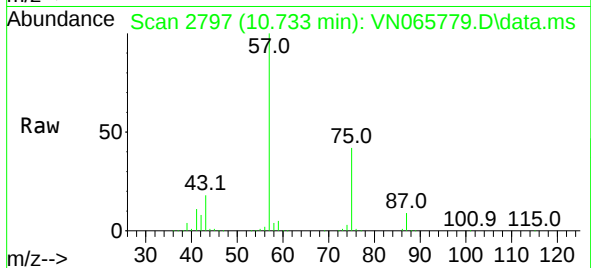




#57
1,3-Dichloropropane
Concen: 4.14 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

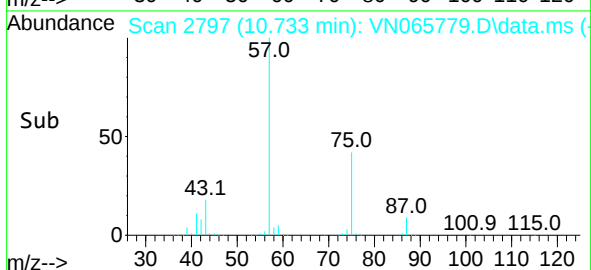
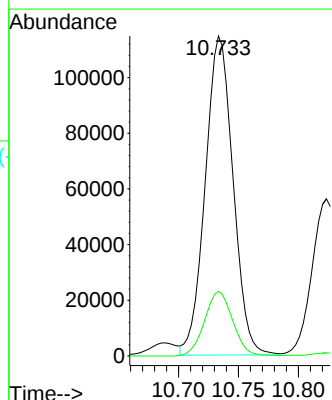
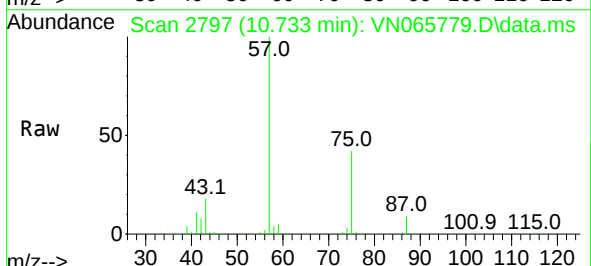
Instrument :
MSVOA_N
ClientSampled :

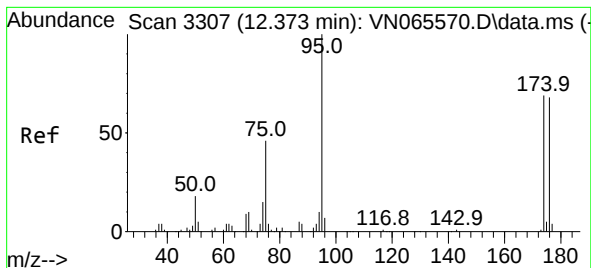
Tgt Ion: 76 Resp: 14322
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 99.85 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 43 Resp: 184986
Ion Ratio Lower Upper
43 100
58 20.5 28.1 84.3#

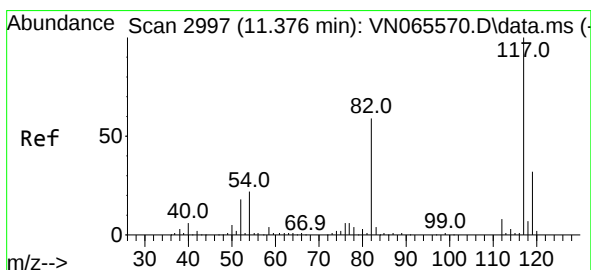
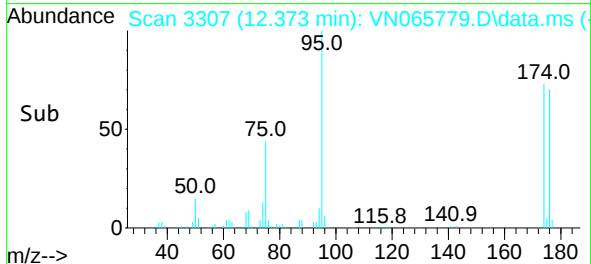
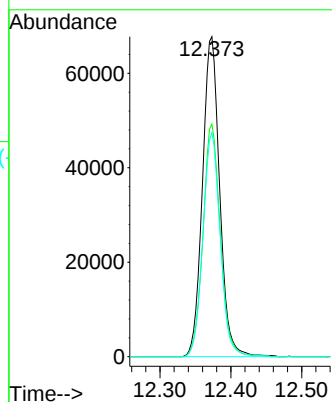
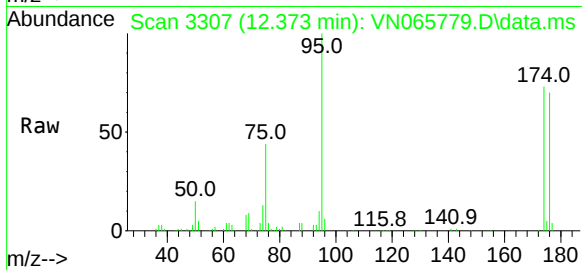




#62
4-Bromofluorobenzene
Concen: 48.26 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

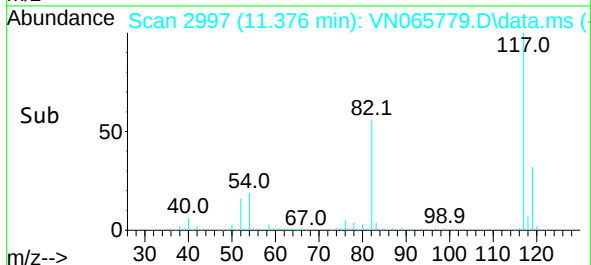
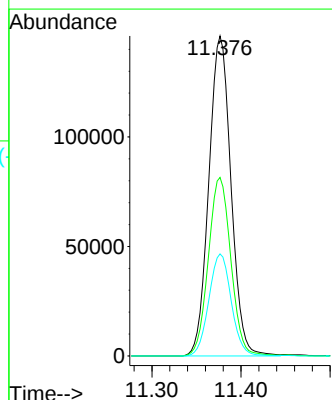
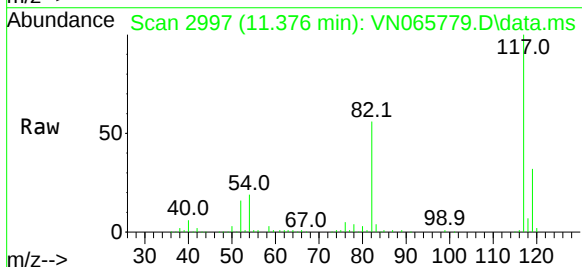
Instrument :
MSVOA_N
ClientSampleId :

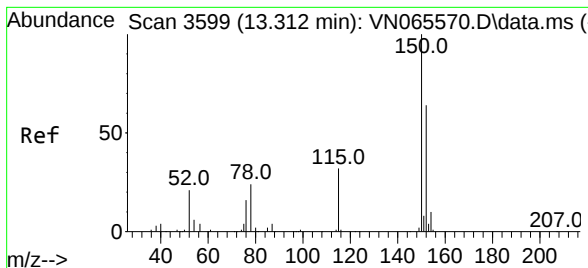
Tgt Ion: 95 Resp: 114467
Ion Ratio Lower Upper
95 100
174 72.9 0.0 169.0
176 70.3 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 117 Resp: 252471
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 31.9 26.1 39.1

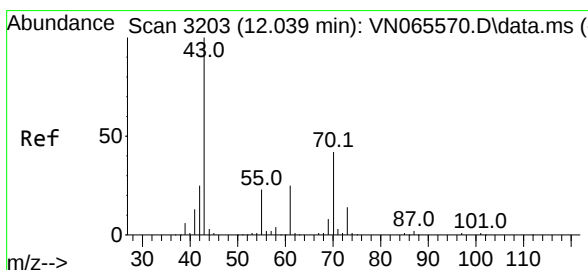
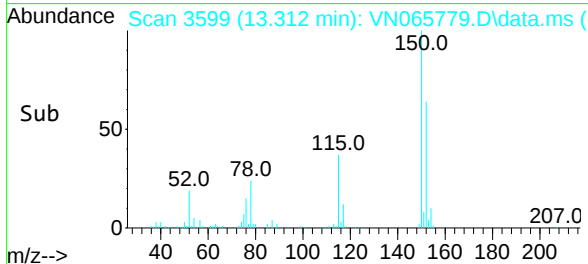
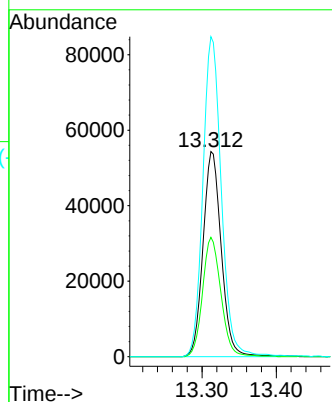
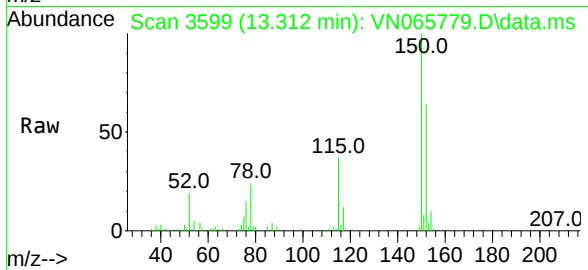




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

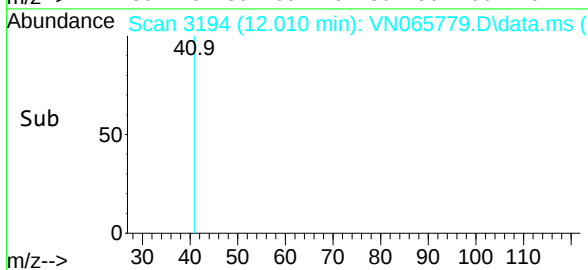
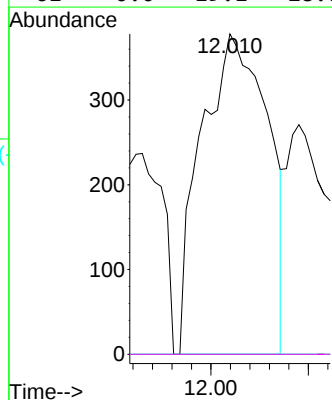
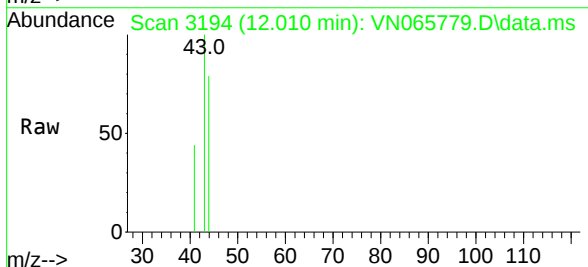
Instrument :
MSVOA_N
ClientSampleId :

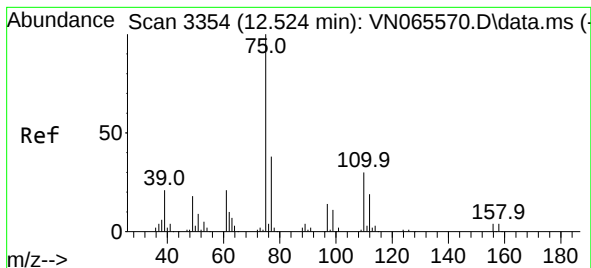
Tgt Ion:152 Resp: 92667
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.6
150 157.5 0.0 347.6



#74
N-ethyl acetate
Concen: 0.26 ug/l
RT: 12.010 min Scan# 3194
Delta R.T. -0.029 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

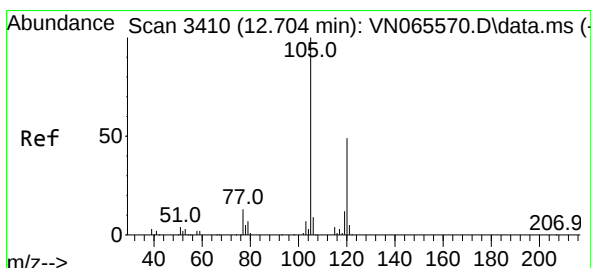
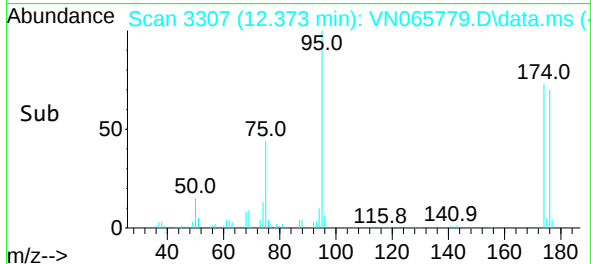
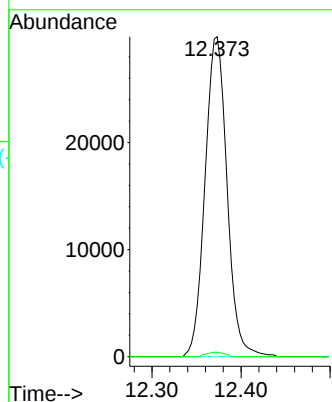
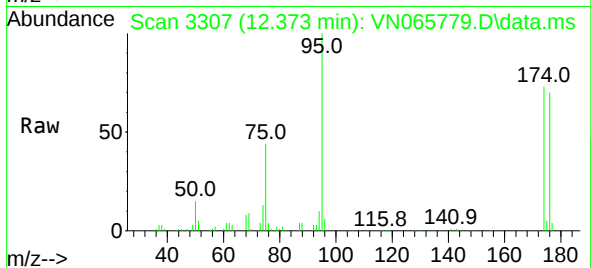




#76
1,2,3-Trichloropropane
Concen: 21.15 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

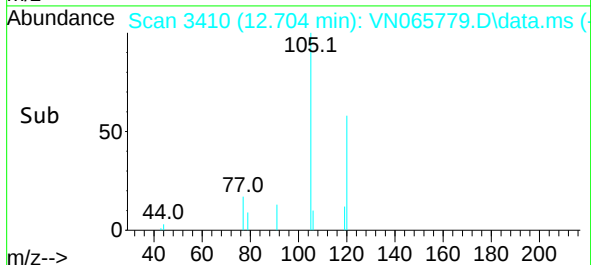
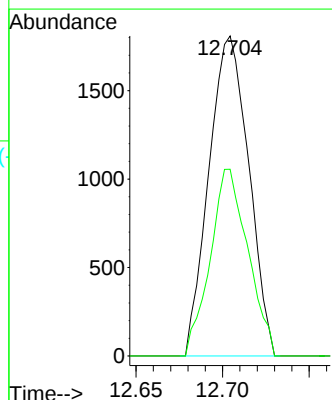
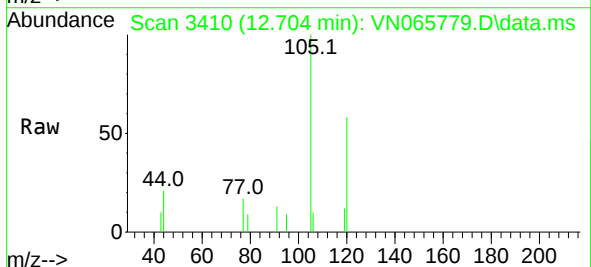
Instrument :
MSVOA_N
ClientSampleId :

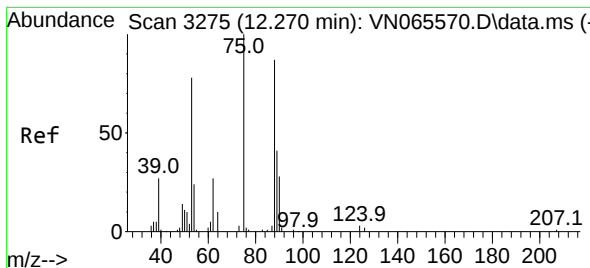
Tgt Ion: 75 Resp: 51251
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.42 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

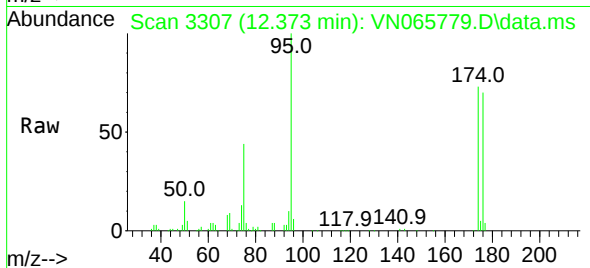
Tgt Ion: 105 Resp: 2892
Ion Ratio Lower Upper
105 100
120 55.3 24.3 72.8



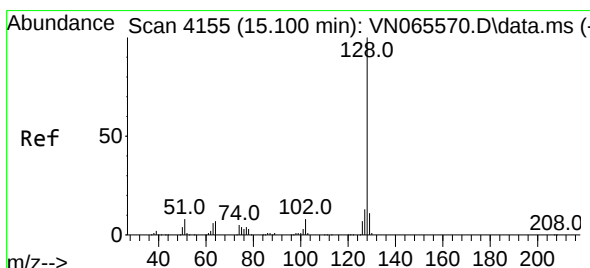
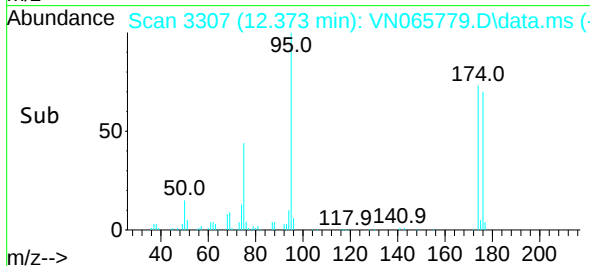
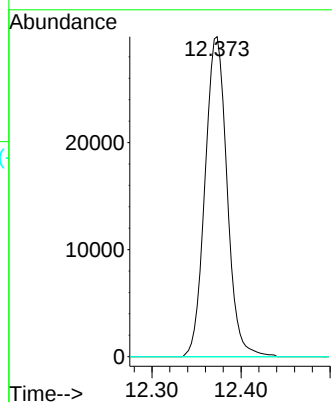


#81
trans-1,4-Dichloro-2-butene
Concen: 54.17 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

Instrument :
MSVOA_N
ClientSampled :

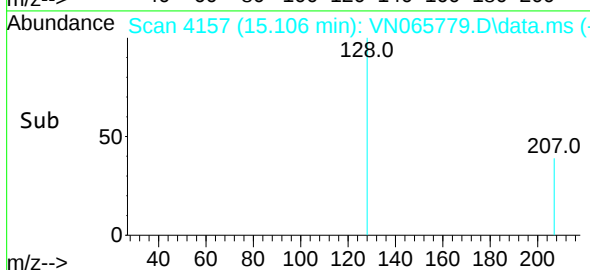
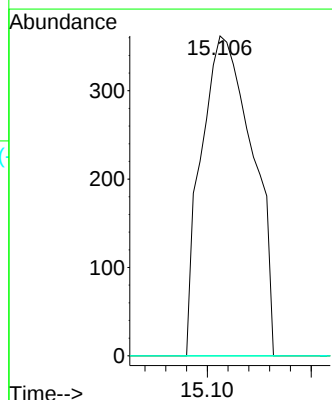
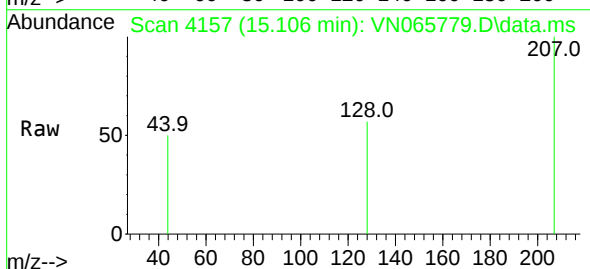


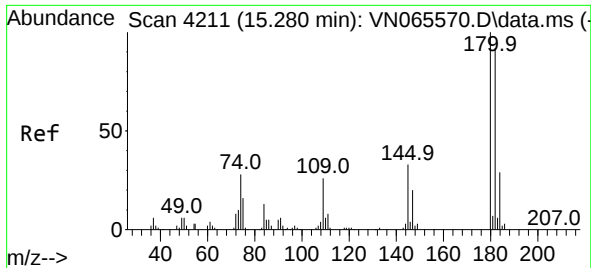
Tgt Ion: 75 Resp: 51251
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 3.55 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.006 min
Lab File: VN065779.D
Acq: 9 Feb 2021 14:45

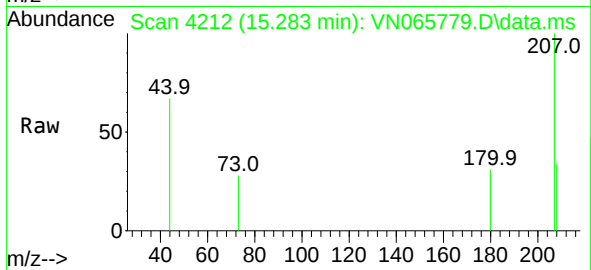
Tgt Ion: 128 Resp: 620
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.88 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.003 min
 Lab File: VN065779.D
 Acq: 9 Feb 2021 14:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 0.0 16.5 49.5#

