

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065764.D
 Acq On : 8 Feb 2021 18:53
 Operator : JC/MD
 Sample : PB134480ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

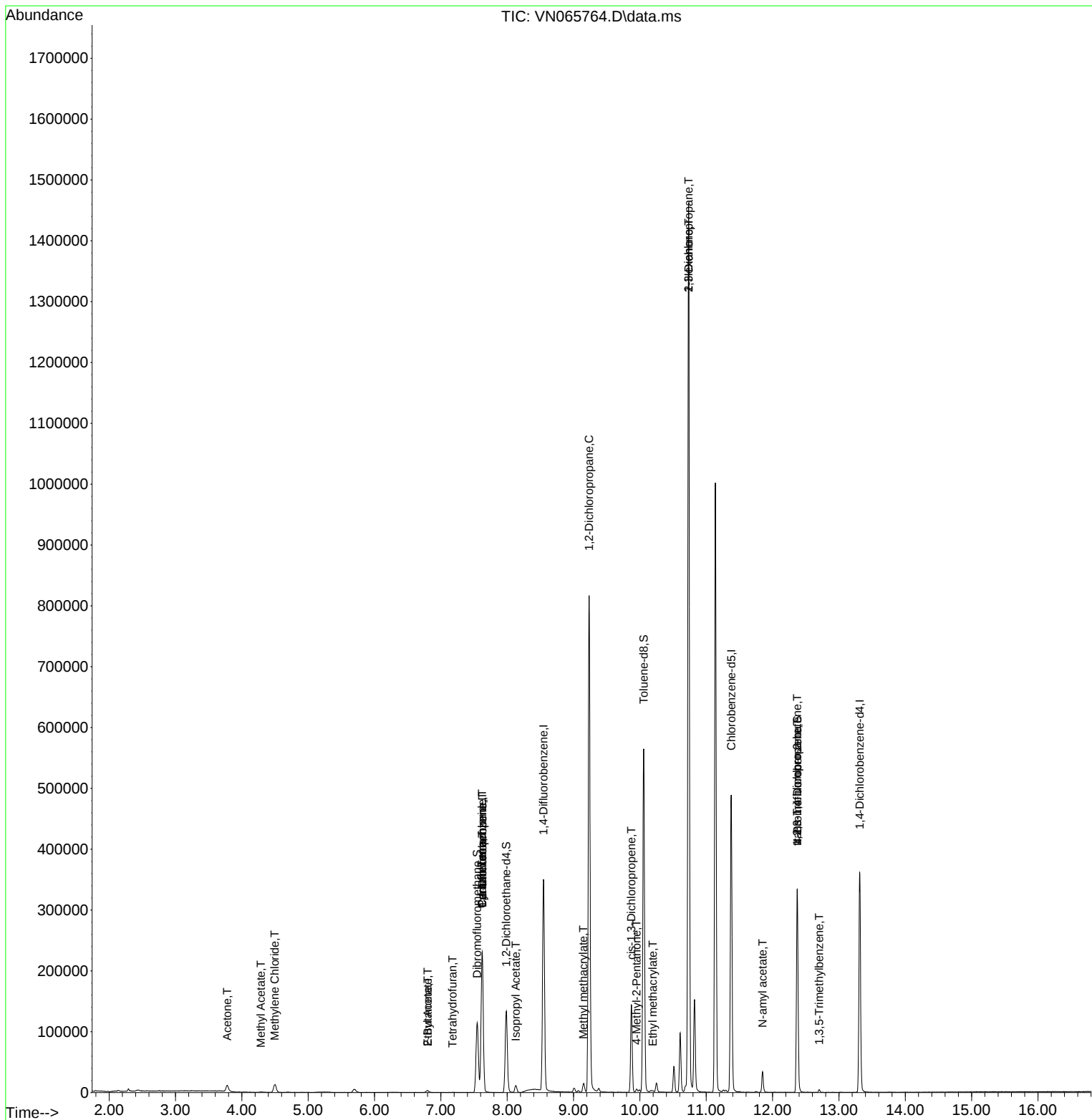
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:43:07 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	194694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	327518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	299489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	107788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	111460	43.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.04%		
35) Dibromofluoromethane	7.547	113	93166	48.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.00%		
50) Toluene-d8	10.058	98	410050	53.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.50%		
62) 4-Bromofluorobenzene	12.373	95	133760	48.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.38%		
Target Compounds						
					Qvalue	
16) Acetone	3.779	43	14072	14.11	ug/l	96
18) Methyl Acetate	4.287	43	1614	0.58	ug/l #	54
20) Methylene Chloride	4.496	84	10562	3.83	ug/l	98
25) 2-Butanone	6.801	43	2215	1.42	ug/l	93
29) Tetrahydrofuran	7.177	42	344	0.30	ug/l #	32
31) Cyclohexane	7.621	56	3546	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14217	4.31	ug/l #	47
37) Ethyl Acetate	6.801	43	2215	0.70	ug/l #	68
38) Carbon Tetrachloride	7.621	117	18230	6.72	ug/l #	16
43) Isopropyl Acetate	8.129	43	13824	2.47	ug/l #	92
45) 1,2-Dichloropropane	9.235	63	968	0.35	ug/l #	44
48) Methyl methacrylate	9.148	41	3735	1.40	ug/l #	10
51) 4-Methyl-2-Pentanone	9.949	43	3594	1.16	ug/l	100
54) cis-1,3-Dichloropropene	9.872	75	29182	6.85	ug/l #	54
56) Ethyl methacrylate	10.193	69	1735	0.46	ug/l #	84
57) 1,3-Dichloropropane	10.733	76	15998	4.00	ug/l #	43
59) 2-Hexanone	10.733	43	201684	93.99	ug/l #	51
74) N-amyl acetate	11.849	43	10652	2.67	ug/l #	49
76) 1,2,3-Trichloropropane	12.370	75	59809	21.22	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.701	105	3199	0.40	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.370	75	59809	54.35	ug/l #	12

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

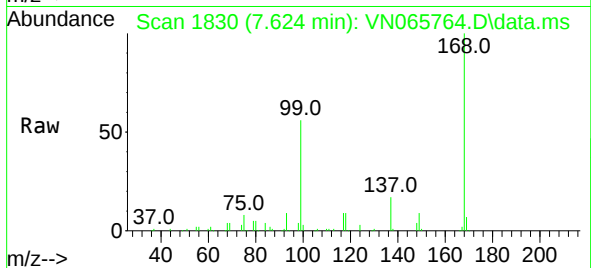
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



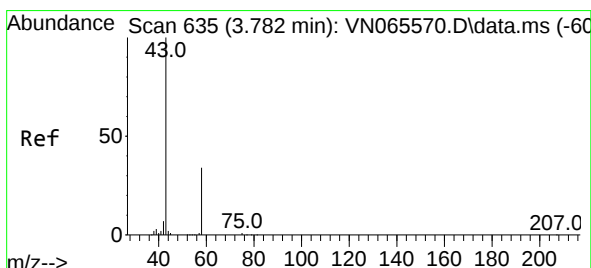
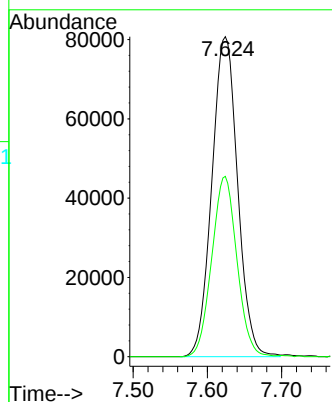
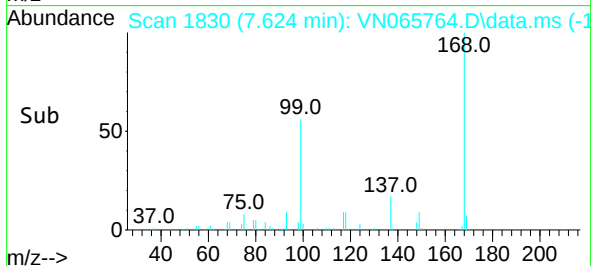


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

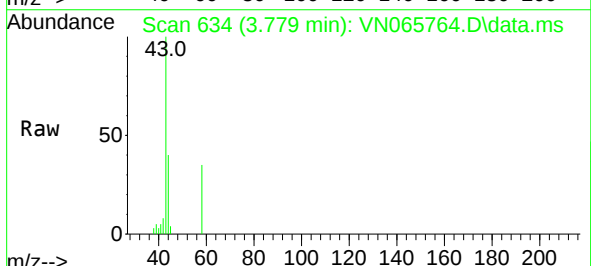
Instrument :
MSVOA_N
ClientSampled :



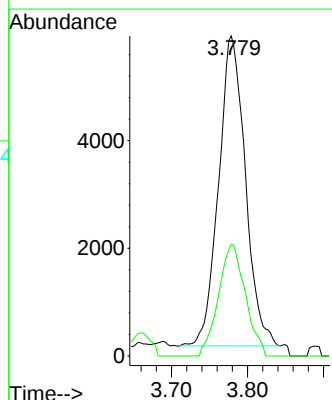
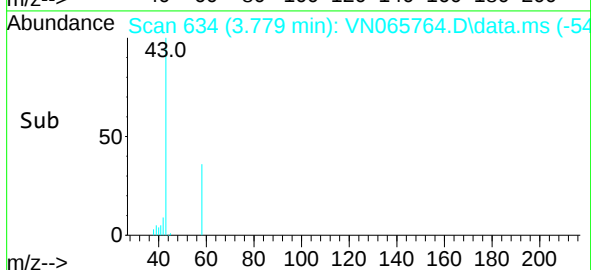
Tgt Ion:168 Resp: 194694
Ion Ratio Lower Upper
168 100
99 56.4 42.6 63.8

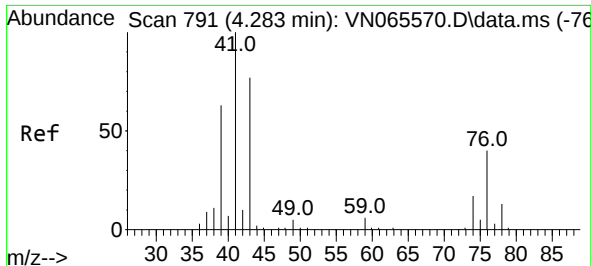


#16
Acetone
Concen: 14.11 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53



Tgt Ion: 43 Resp: 14072
Ion Ratio Lower Upper
43 100
58 36.0 27.0 40.6

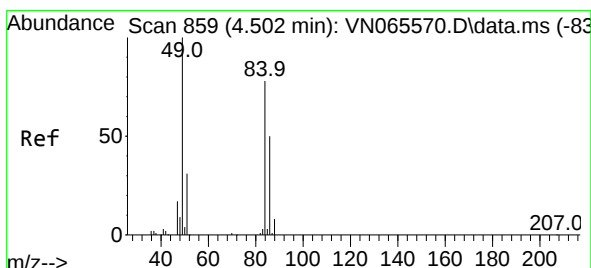
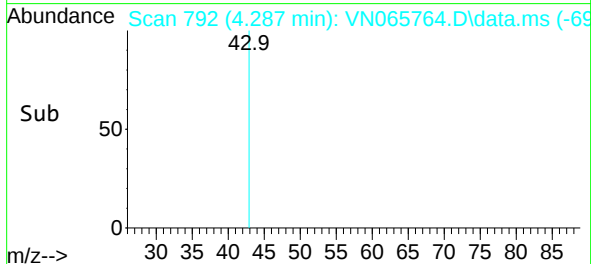
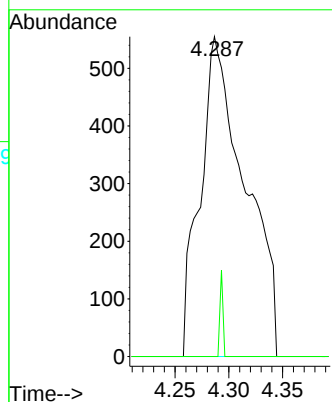
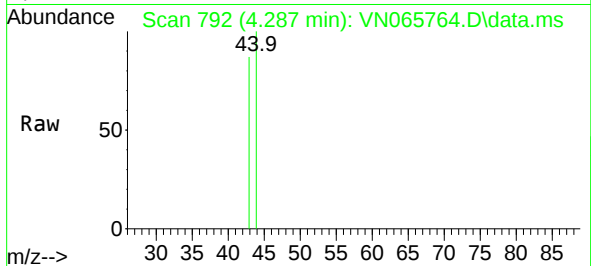




#18
Methyl Acetate
Concen: 0.58 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

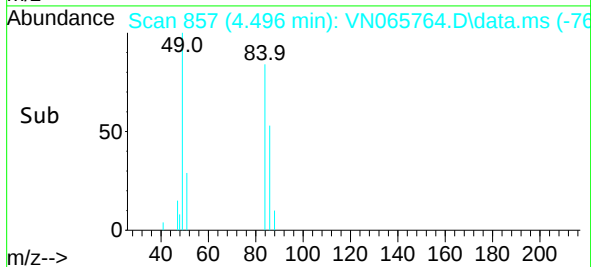
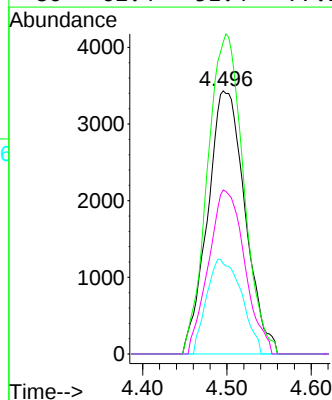
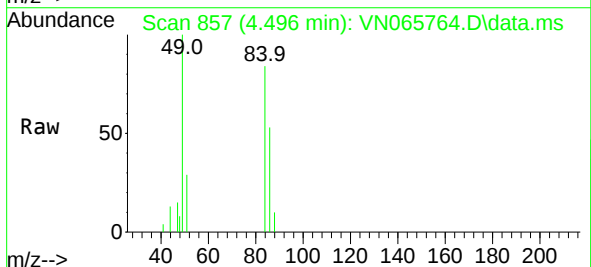
Instrument :
MSVOA_N
ClientSampled :

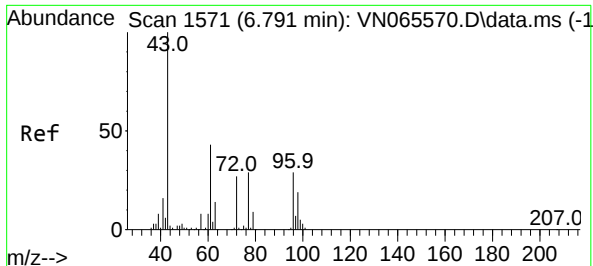
Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
74 1.8 19.5 29.3#



#20
Methylene Chloride
Concen: 3.83 ug/l
RT: 4.496 min Scan# 857
Delta R.T. -0.006 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

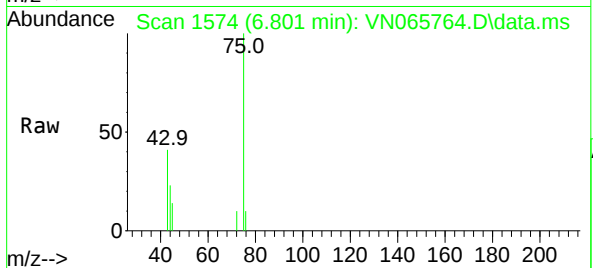
Tgt Ion: 84 Resp: 10562
Ion Ratio Lower Upper
84 100
49 118.6 94.6 141.8
51 34.3 29.9 44.9
86 62.4 51.4 77.2



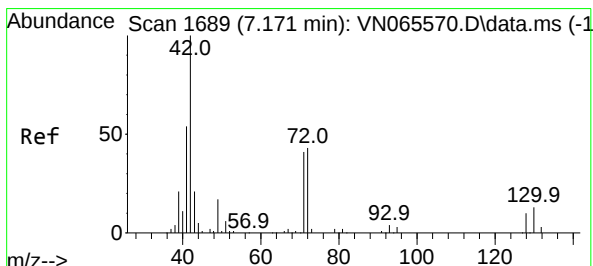
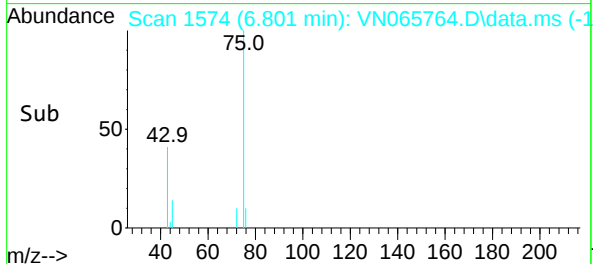
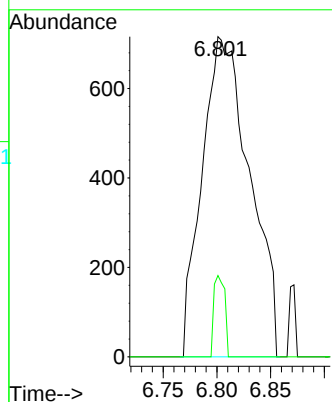


#25
2-Butanone
Concen: 1.42 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.010 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

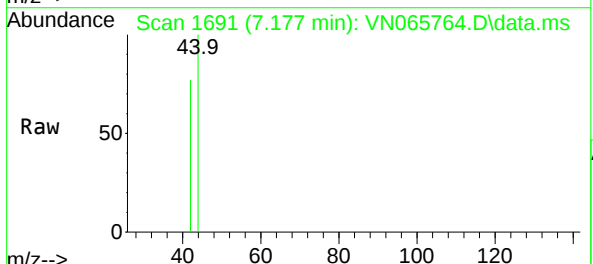
Instrument :
MSVOA_N
ClientSampled :



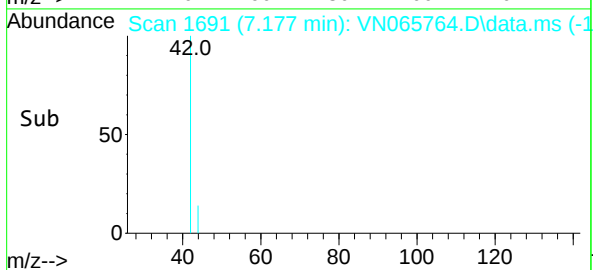
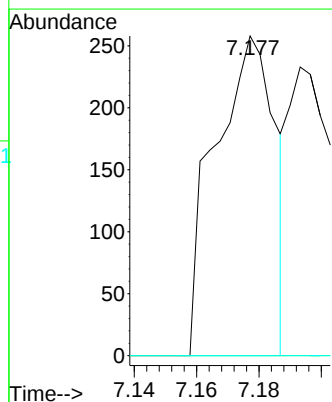
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
72 25.4 23.1 34.7

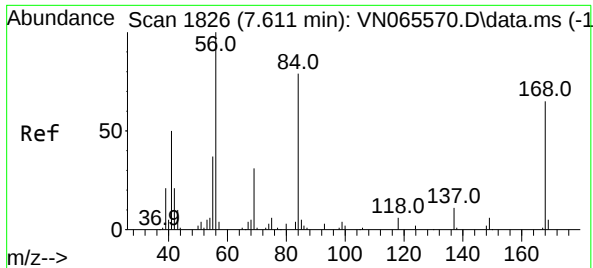


#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 7.177 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53



Tgt Ion: 42 Resp: 344
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#

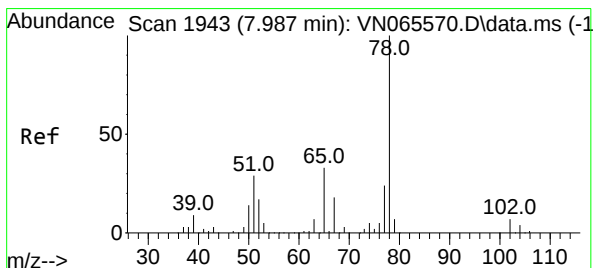
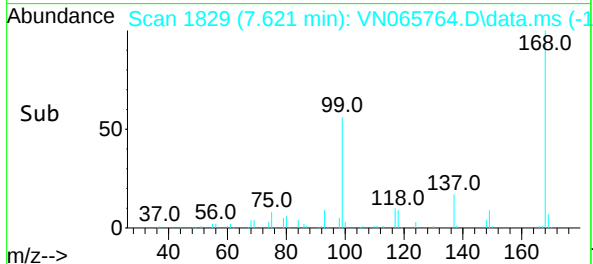
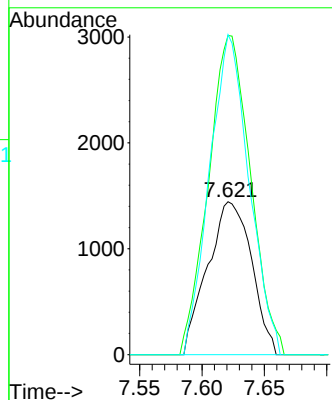
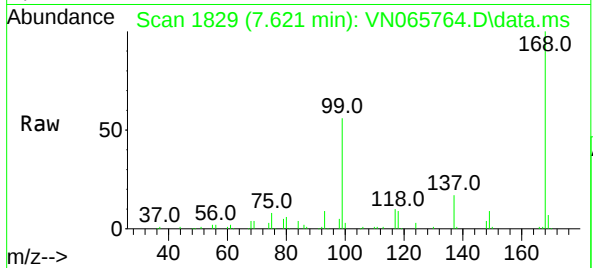




#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

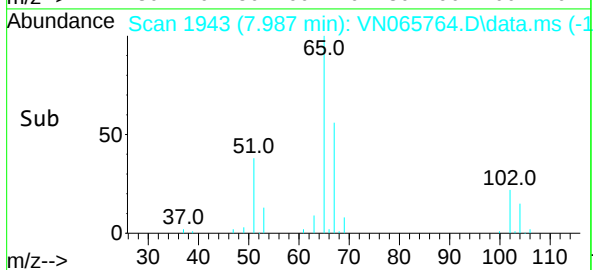
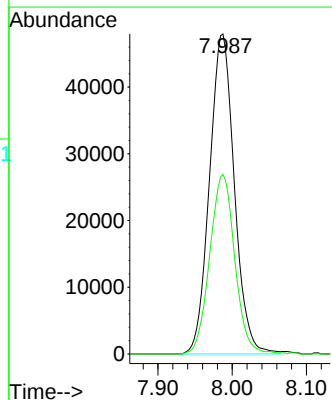
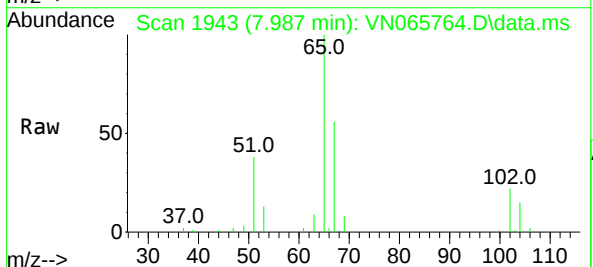
Instrument :
MSVOA_N
ClientSampled :

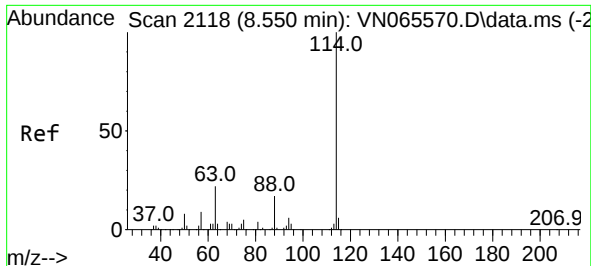
Tgt Ion: 56 Resp: 3546
Ion Ratio Lower Upper
56 100
69 208.7 26.6 39.8#
84 209.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 43.52 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

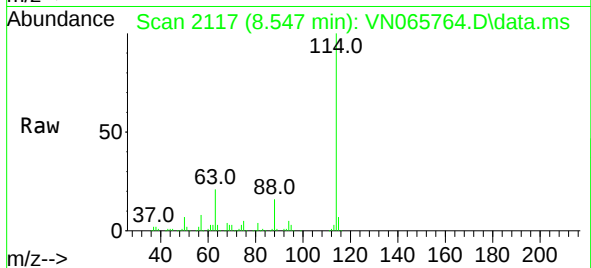
Tgt Ion: 65 Resp: 111460
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2



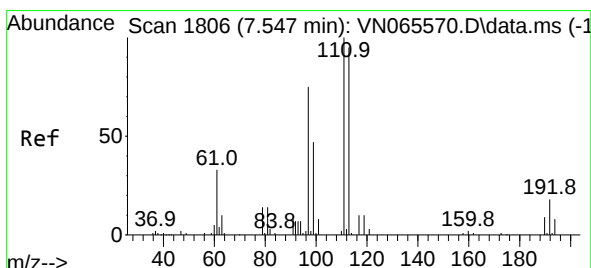
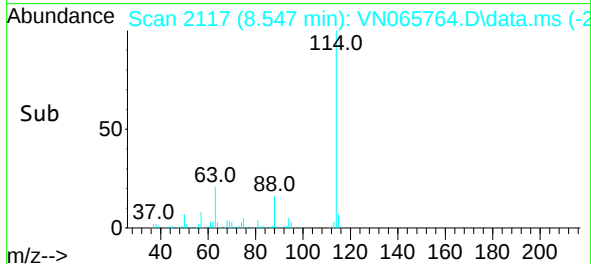
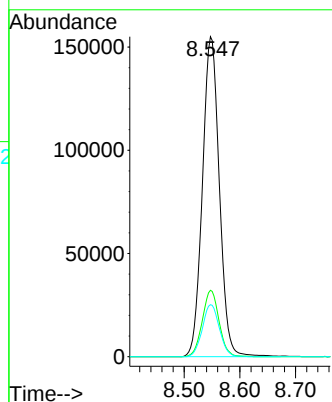


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Instrument :
MSVOA_N
ClientSampleId :

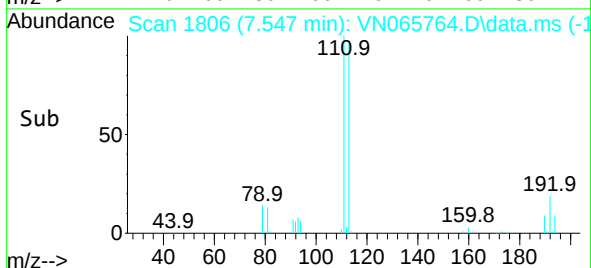
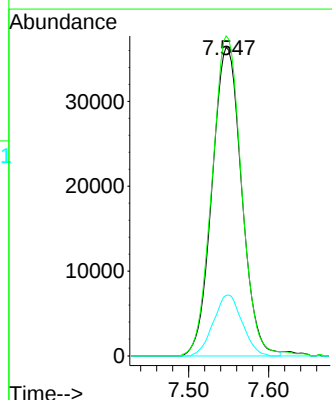
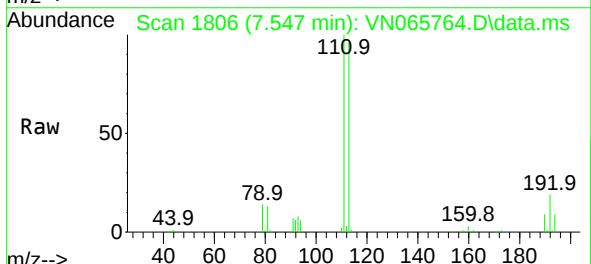


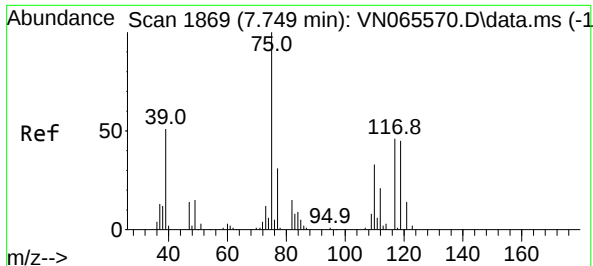
Tgt Ion:114 Resp: 327518
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

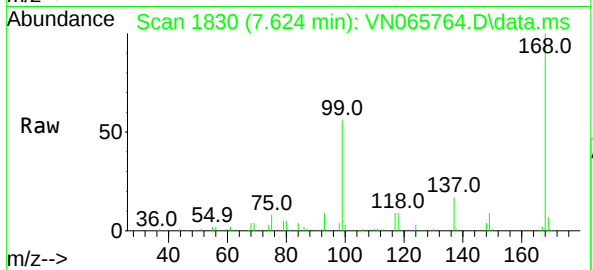
Tgt Ion:113 Resp: 93166
Ion Ratio Lower Upper
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111 103.9 82.2 123.2
192 19.3 15.4 23.0



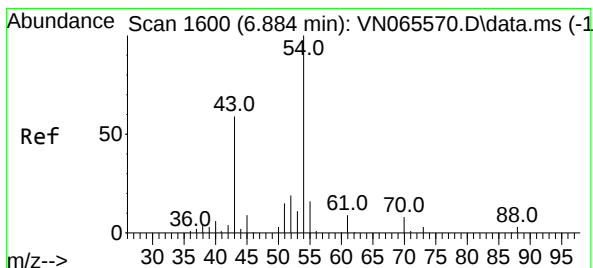
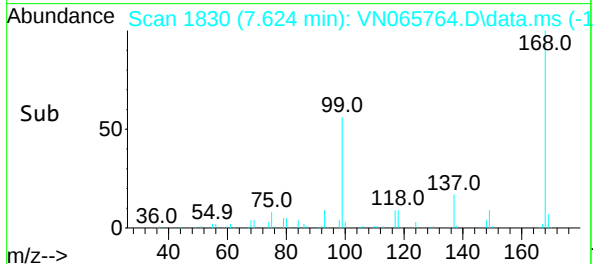
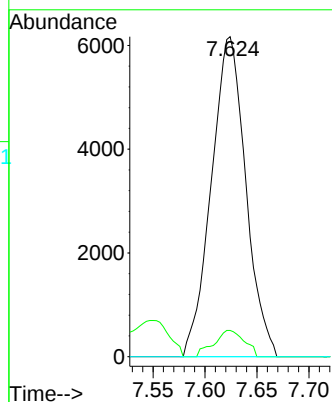


#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Instrument :
MSVOA_N
ClientSampled :

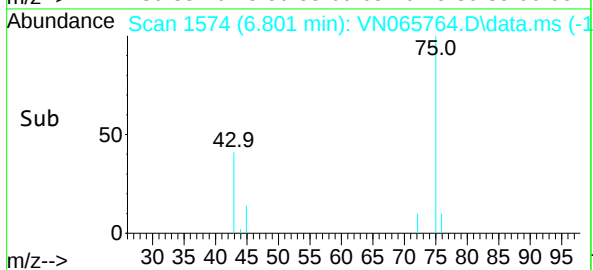
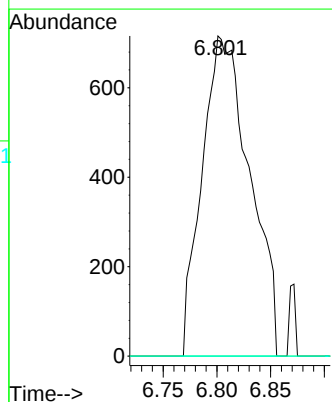
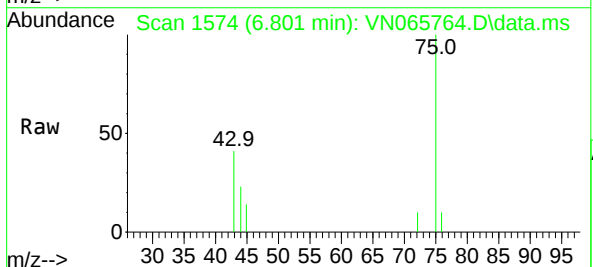


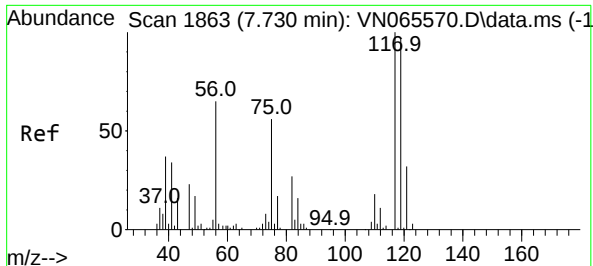
Tgt Ion: 75 Resp: 14217
Ion Ratio Lower Upper
75 100
110 7.2 18.2 54.6#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.70 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. -0.083 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

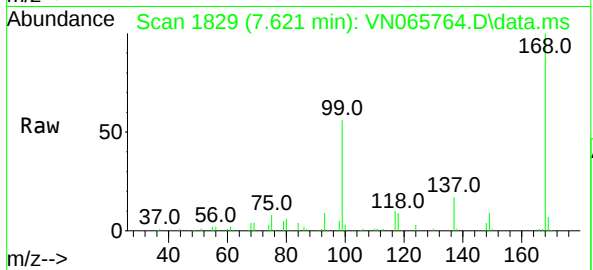
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.0 8.6 13.0#



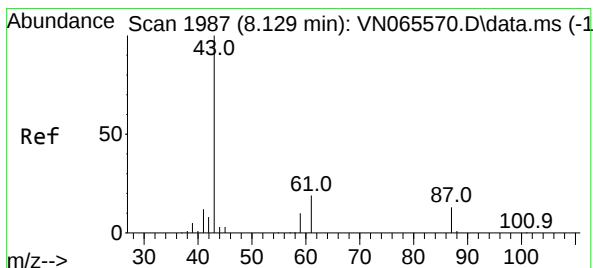
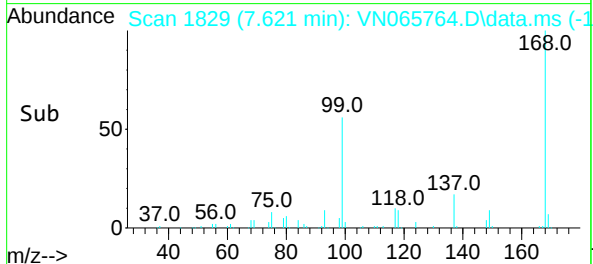
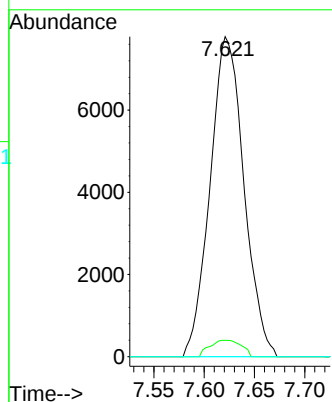


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Instrument :
MSVOA_N
ClientSampled :

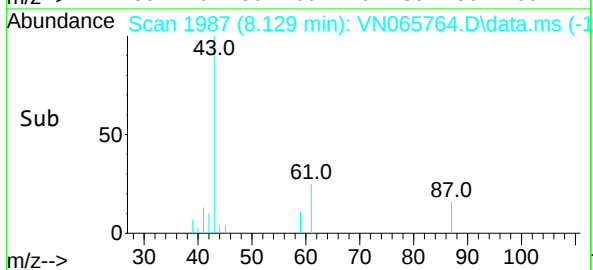
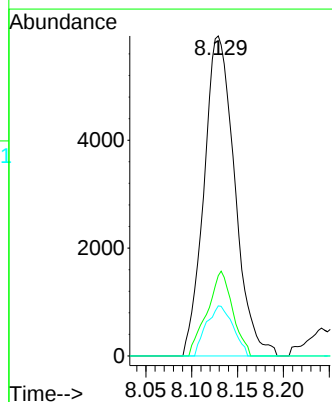
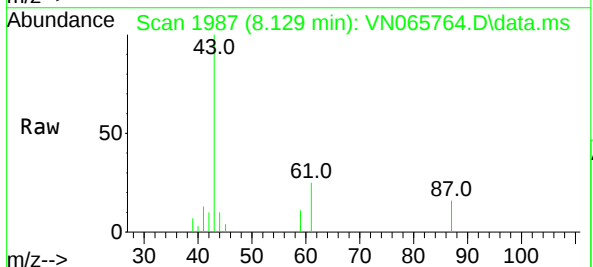


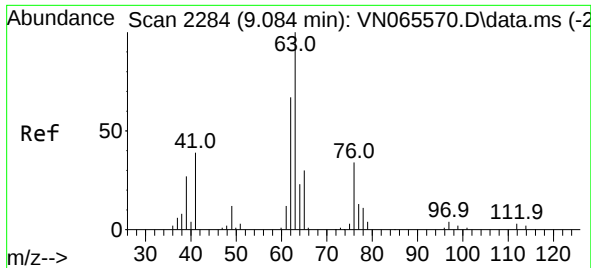
Tgt Ion:117 Resp: 18230
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 2.47 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Tgt Ion: 43 Resp: 13824
Ion Ratio Lower Upper
43 100
61 22.0 22.5 33.7#
87 13.5 11.1 16.7

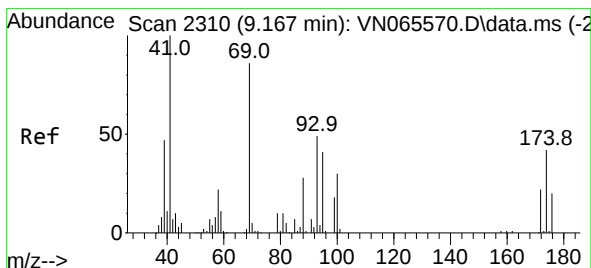
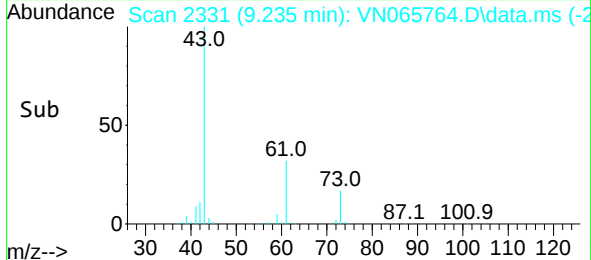
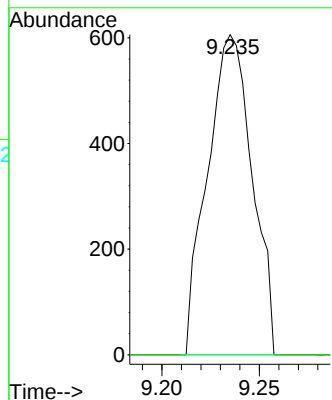
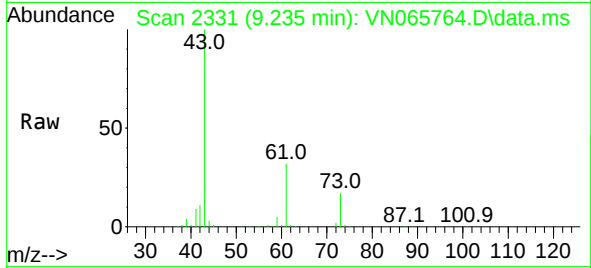




#45
1,2-Dichloropropane
Concen: 0.35 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

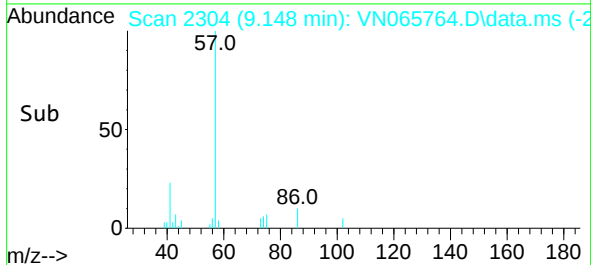
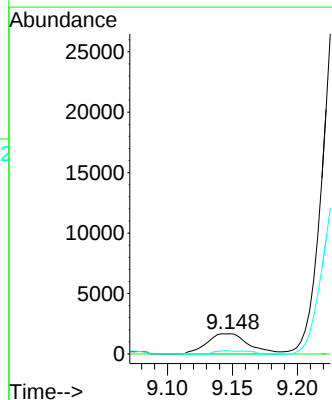
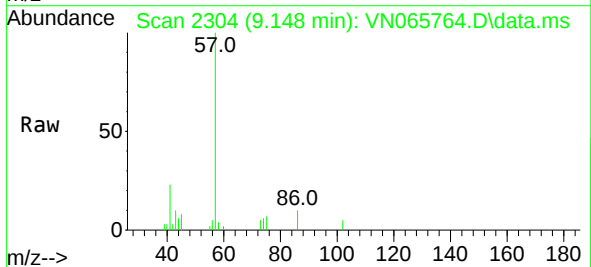
Instrument :
MSVOA_N
ClientSampled :

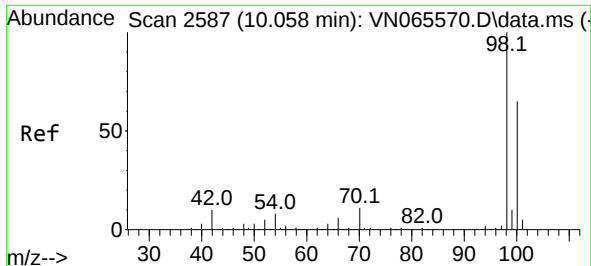
Tgt Ion: 63 Resp: 968
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



#48
Methyl methacrylate
Concen: 1.40 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Tgt Ion: 41 Resp: 3735
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

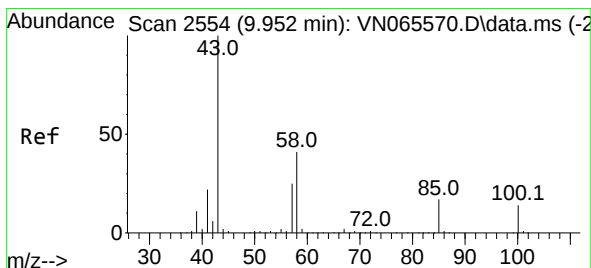
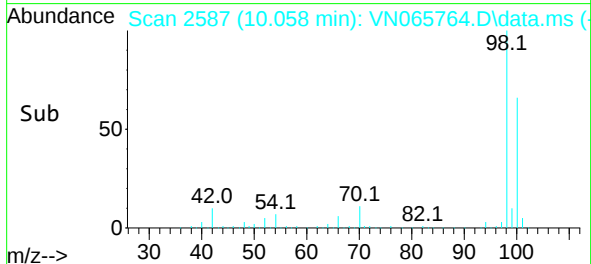
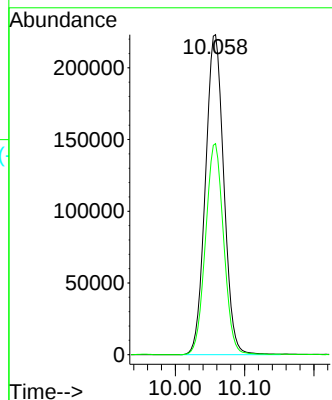
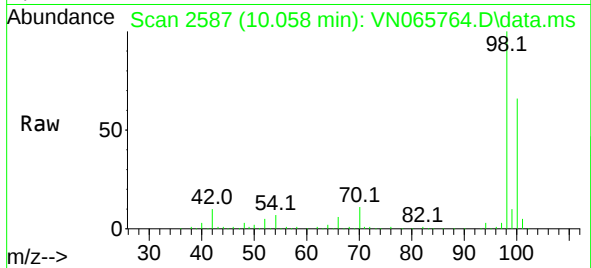




#50
Toluene-d8
Concen: 53.75 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

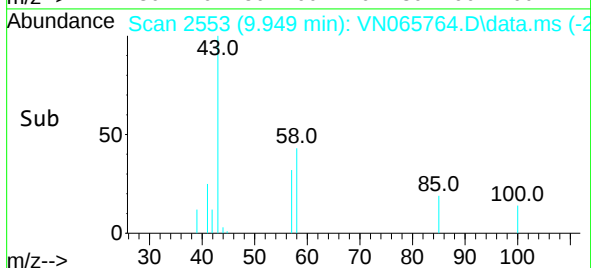
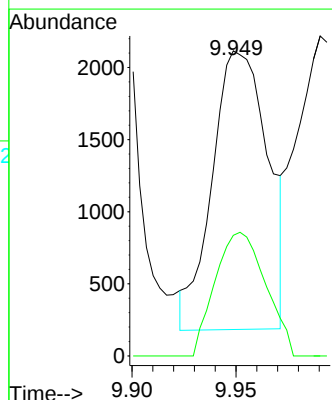
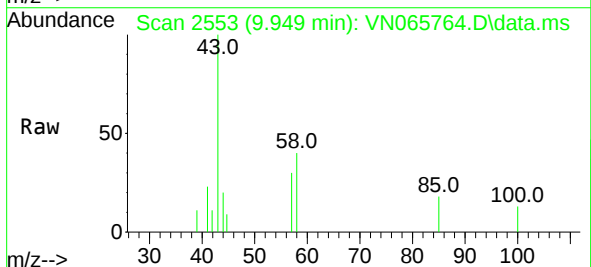
Instrument :
MSVOA_N
ClientSampled :

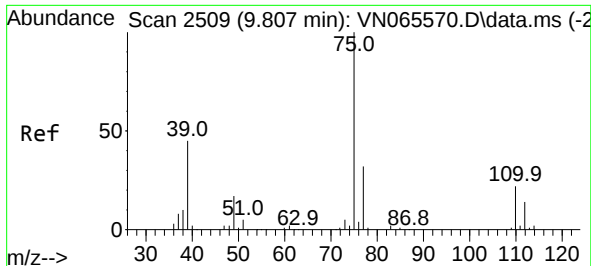
Tgt Ion: 98 Resp: 410050
Ion Ratio Lower Upper
98 100
100 65.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Tgt Ion: 43 Resp: 3594
Ion Ratio Lower Upper
43 100
58 40.4 32.5 48.7

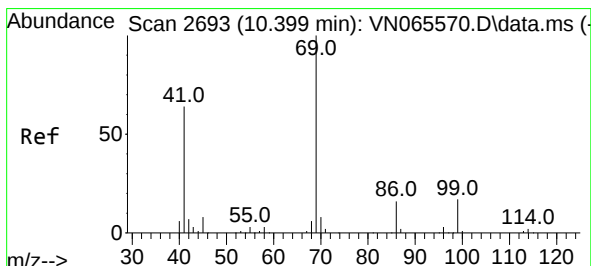
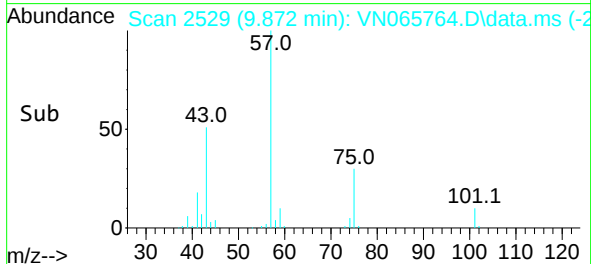
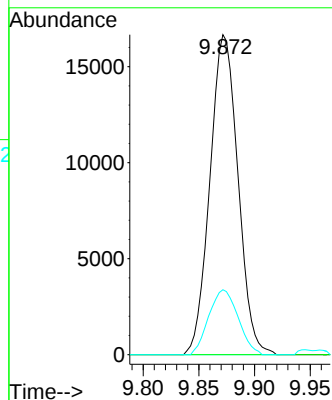
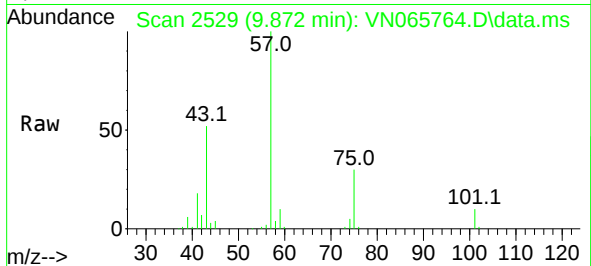




#54
cis-1,3-Dichloropropene
Concen: 6.85 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

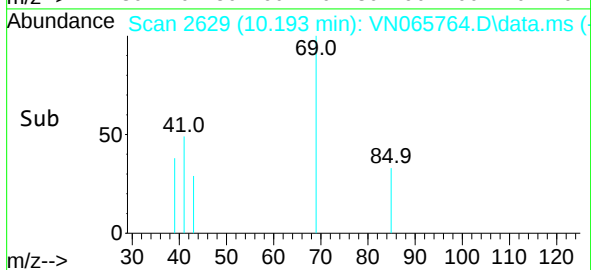
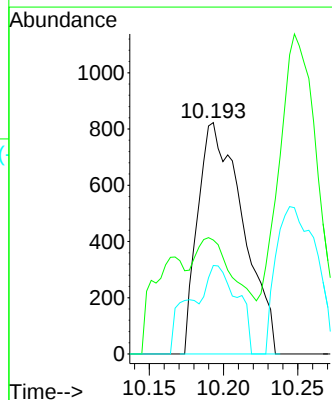
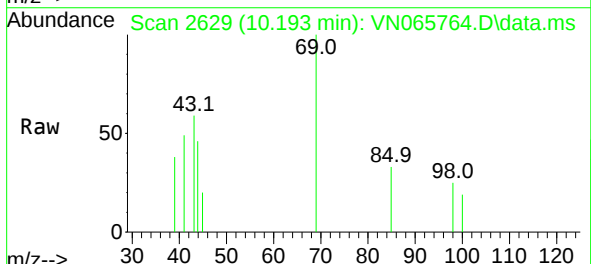
Instrument :
MSVOA_N
ClientSampled :

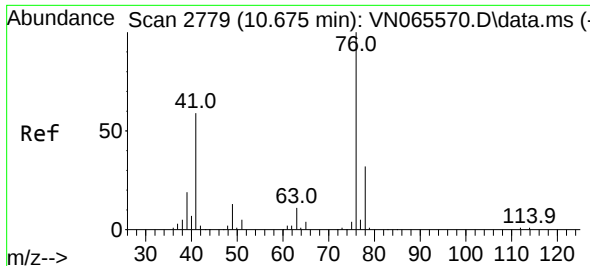
Tgt Ion: 75 Resp: 29182
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 20.3 36.2 54.4#



#56
Ethyl methacrylate
Concen: 0.46 ug/l
RT: 10.193 min Scan# 2629
Delta R.T. -0.206 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Tgt Ion: 69 Resp: 1735
Ion Ratio Lower Upper
69 100
41 48.8 49.6 74.4#
39 27.1 28.0 42.0#

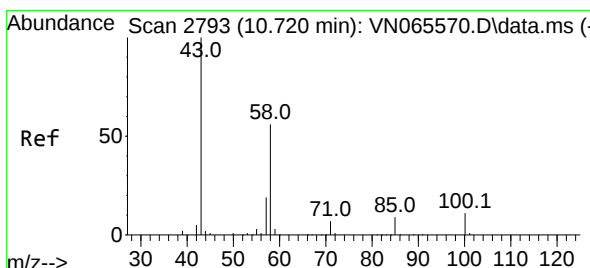
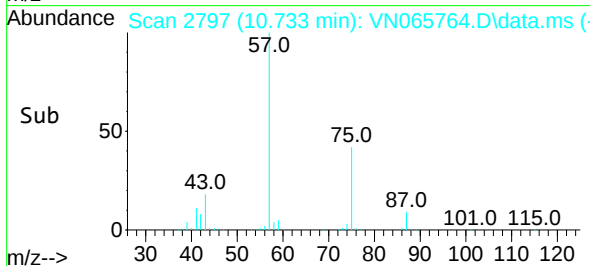
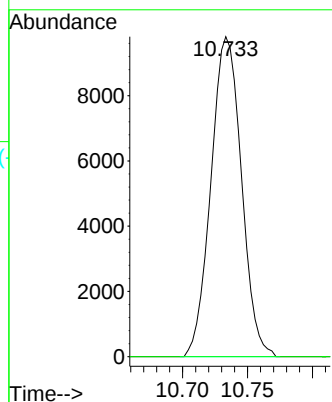
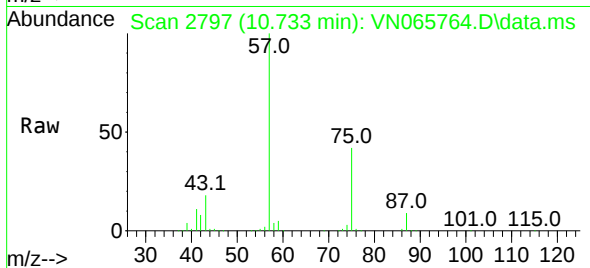




#57
1,3-Dichloropropane
Concen: 4.00 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

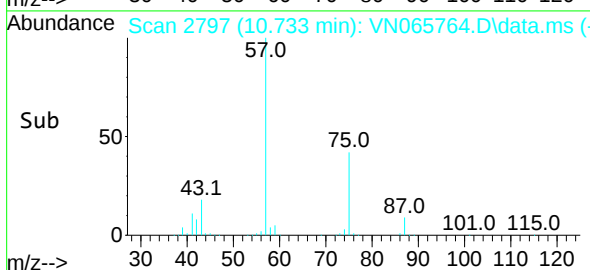
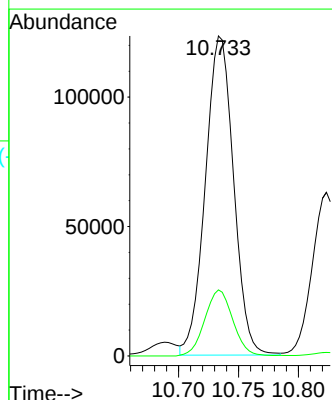
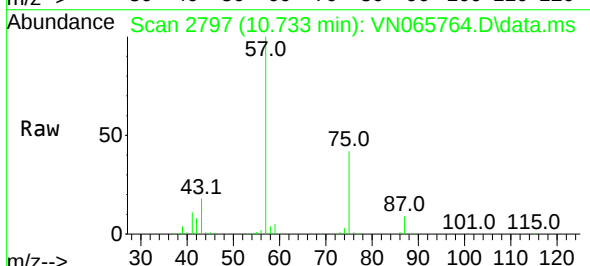
Instrument :
MSVOA_N
ClientSampled :

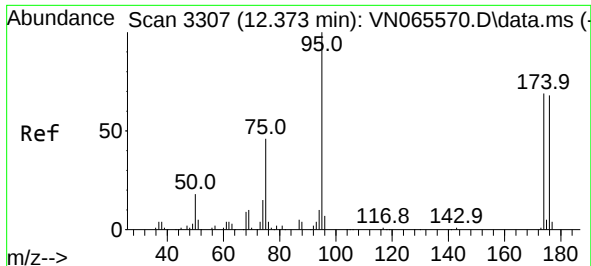
Tgt Ion: 76 Resp: 15998
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 93.99 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

Tgt Ion: 43 Resp: 201684
Ion Ratio Lower Upper
43 100
58 20.6 28.1 84.3#

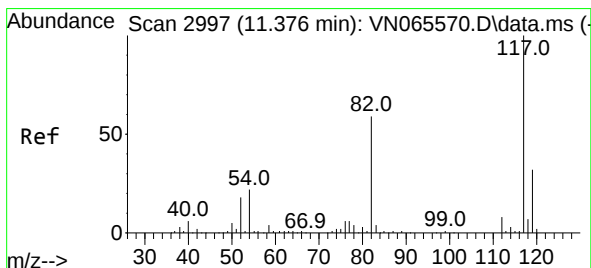
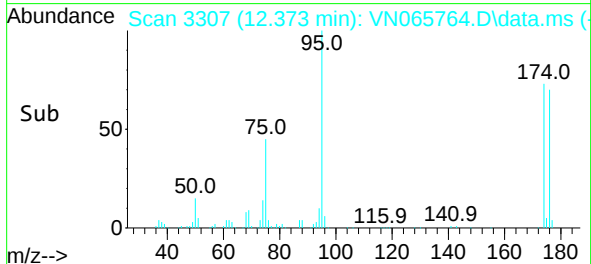
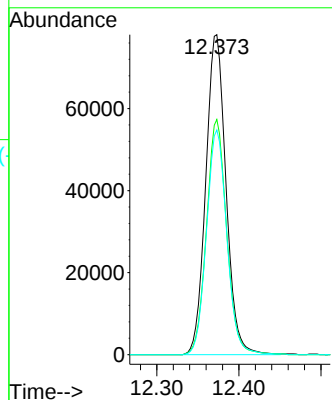
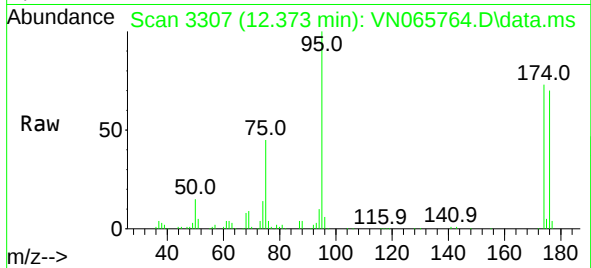




#62
4-Bromofluorobenzene
Concen: 48.69 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

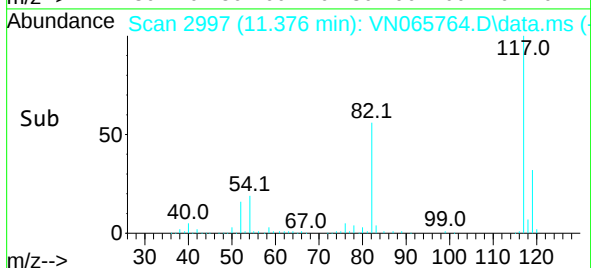
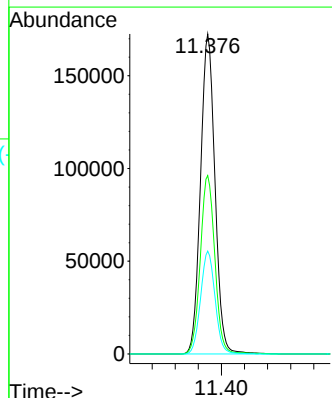
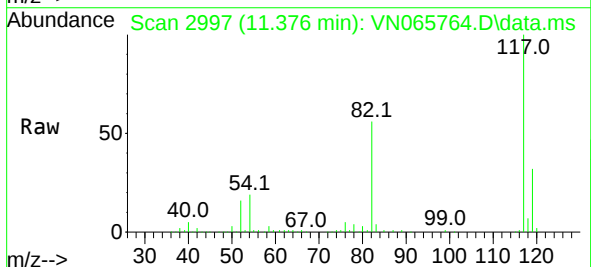
Instrument :
MSVOA_N
ClientSampleId :

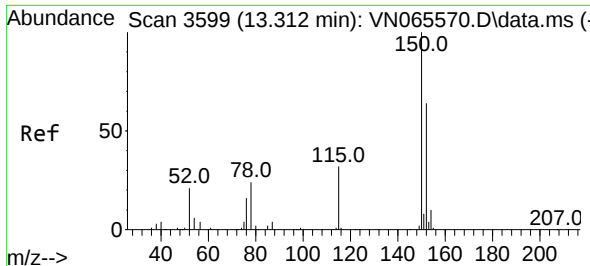
Tgt Ion: 95 Resp: 133760
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 70.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

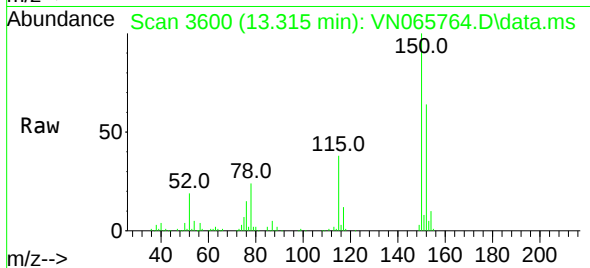
Tgt Ion: 117 Resp: 299489
Ion Ratio Lower Upper
117 100
82 55.8 43.7 65.5
119 32.1 26.1 39.1



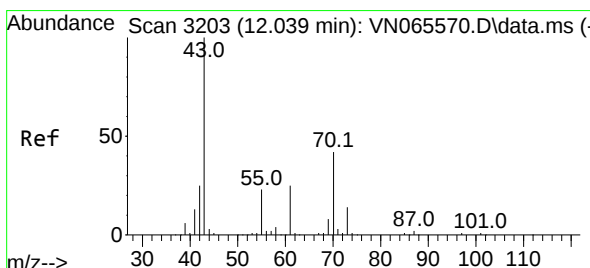
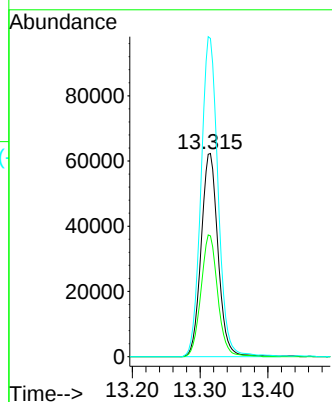
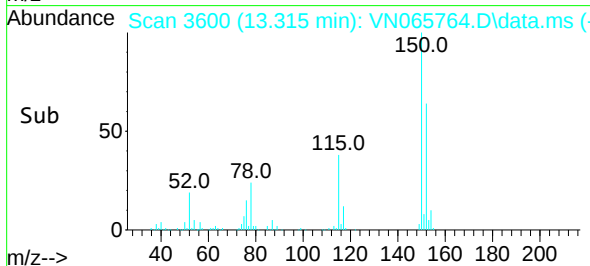


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

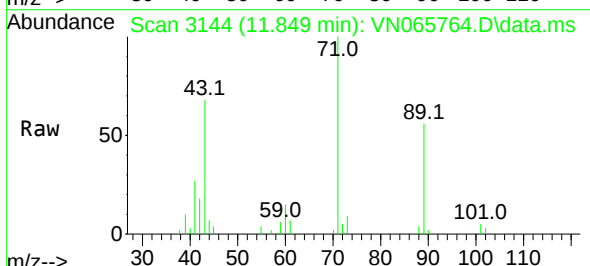
Instrument :
MSVOA_N
ClientSampled :



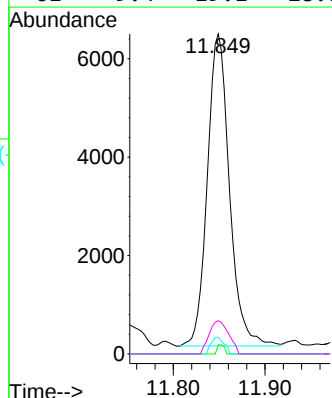
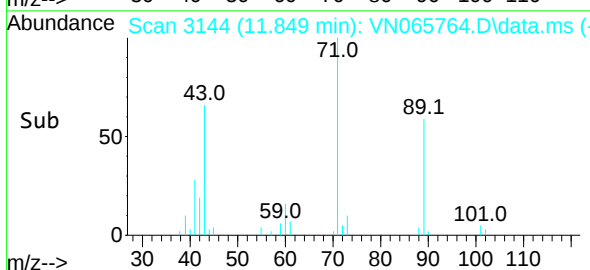
Tgt Ion:152 Resp: 107788
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.6
150 159.4 0.0 347.6

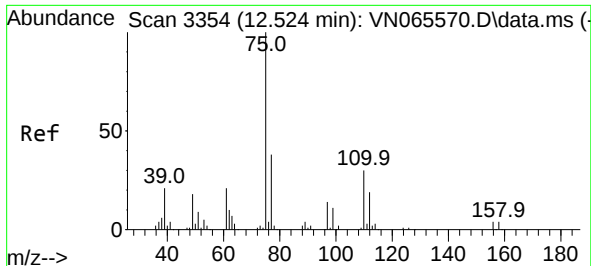


#74
N-ethyl acetate
Concen: 2.67 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53



Tgt Ion: 43 Resp: 10652
Ion Ratio Lower Upper
43 100
70 0.9 34.4 51.6#
55 3.1 20.7 31.1#
61 9.4 19.1 28.7#

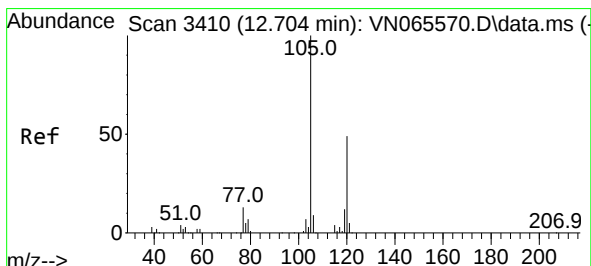
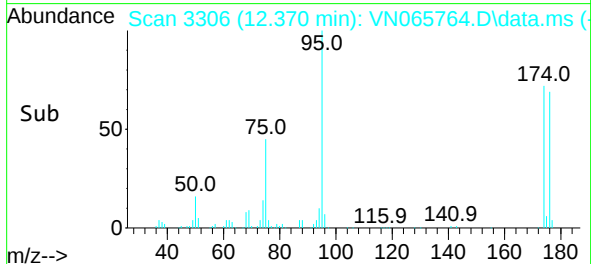
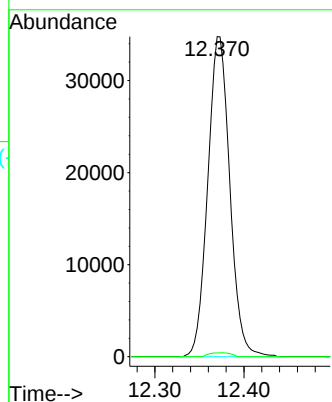
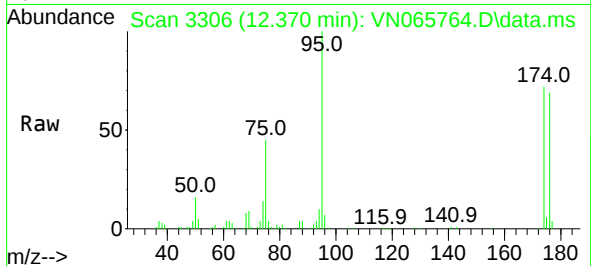




#76
1,2,3-Trichloropropane
Concen: 21.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

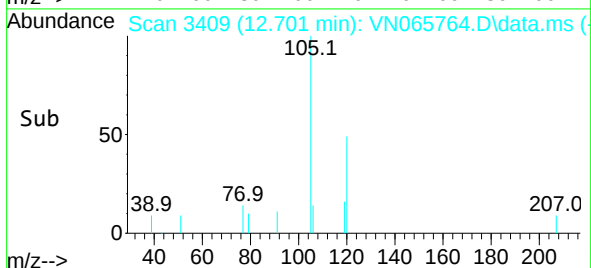
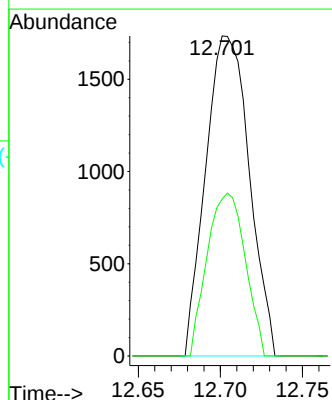
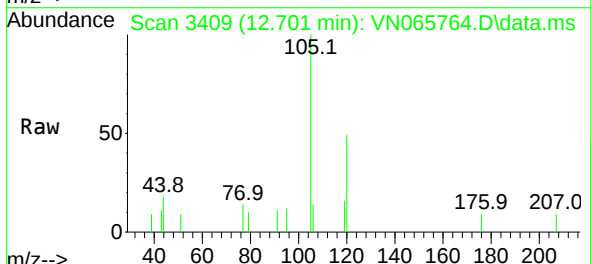
Instrument :
MSVOA_N
ClientSampled :

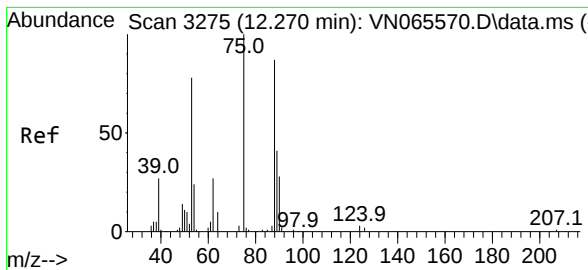
Tgt Ion: 75 Resp: 59809
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.40 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065764.D
Acq: 8 Feb 2021 18:53

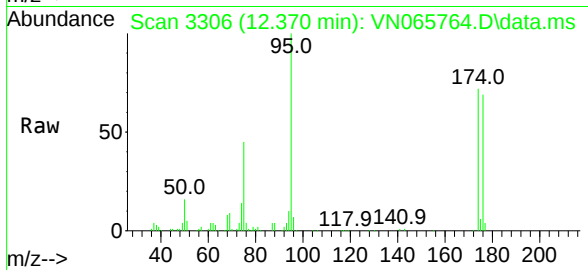
Tgt Ion: 105 Resp: 3199
Ion Ratio Lower Upper
105 100
120 44.4 24.3 72.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.35 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. 0.100 min
 Lab File: VN065764.D
 Acq: 8 Feb 2021 18:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 59809
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

