

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065787.D
 Acq On : 9 Feb 2021 18:03
 Operator : JC/MD
 Sample : M1339-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 10 01:00:34 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)

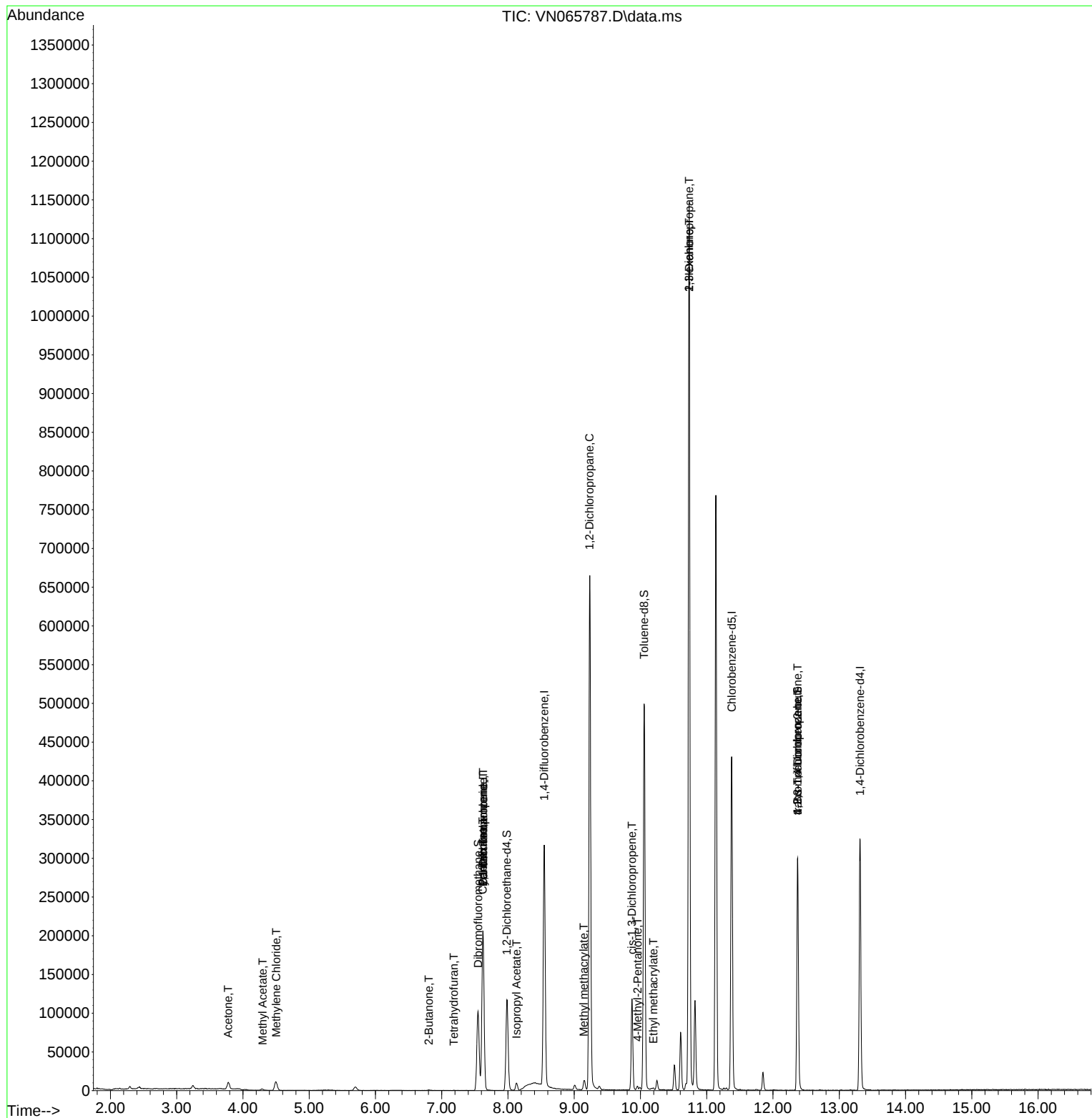
Internal Standards						
1) Pentafluorobenzene	7.624	168	178150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	293179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	269271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	97867	41.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.52%		
35) Dibromofluoromethane	7.550	113	82785	47.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.30%		
50) Toluene-d8	10.055	98	368125	53.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.80%		
62) 4-Bromofluorobenzene	12.370	95	119343	48.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.06%		
Target Compounds					Qvalue	
16) Acetone	3.775	43	13163	14.43	ug/l	95
18) Methyl Acetate	4.296	43	3913	1.53	ug/l #	73
20) Methylene Chloride	4.502	84	8818	3.49	ug/l	95
25) 2-Butanone	6.804	43	1632	1.14	ug/l #	87
29) Tetrahydrofuran	7.184	42	327	0.32	ug/l #	32
31) Cyclohexane	7.618	56	2910	0.66	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	12455	4.22	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16098	6.63	ug/l #	16
43) Isopropyl Acetate	8.129	43	11759	2.34	ug/l #	91
45) 1,2-Dichloropropane	9.232	63	817	0.33	ug/l #	44
48) Methyl methacrylate	9.145	41	3078	1.29	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	3225	1.17	ug/l	98
54) cis-1,3-Dichloropropene	9.872	75	23555	6.18	ug/l #	56
56) Ethyl methacrylate	10.196	69	1352	0.40	ug/l	90
57) 1,3-Dichloropropane	10.733	76	12639	3.53	ug/l #	43
59) 2-Hexanone	10.733	43	155913	81.17	ug/l #	51
76) 1,2,3-Trichloropropane	12.370	75	53946	21.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	53946	54.35	ug/l #	12

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

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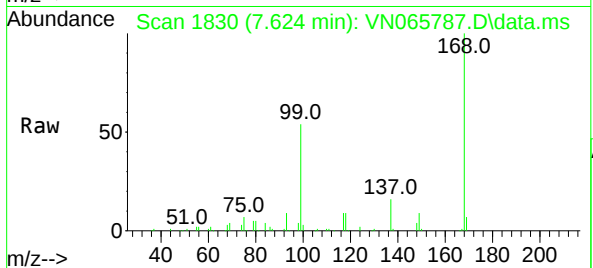
Quant Time: Feb 10 01:00:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



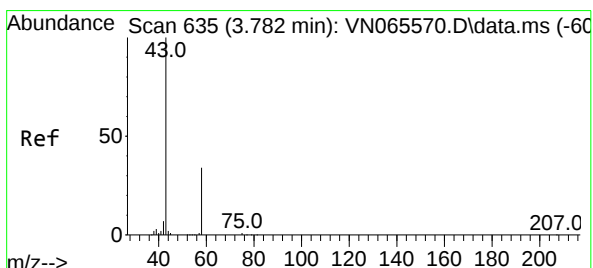
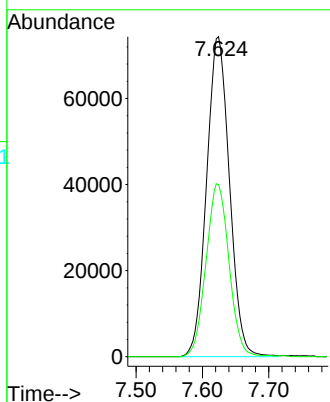
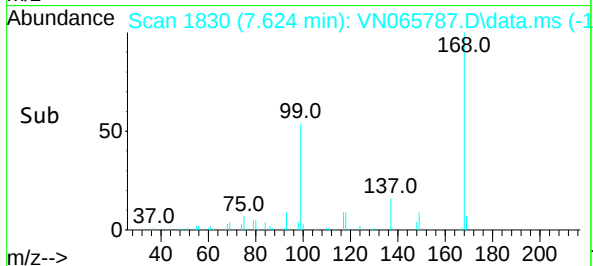


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

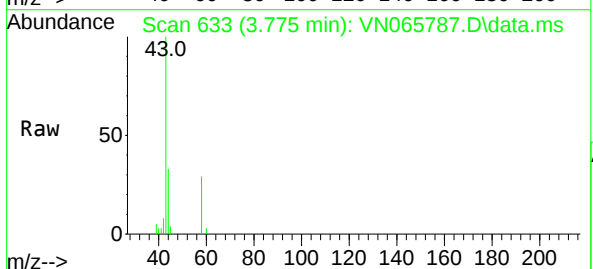
Instrument :
MSVOA_N
ClientSampled :



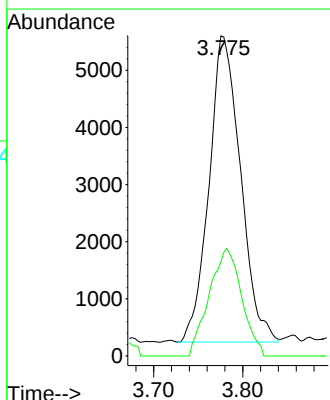
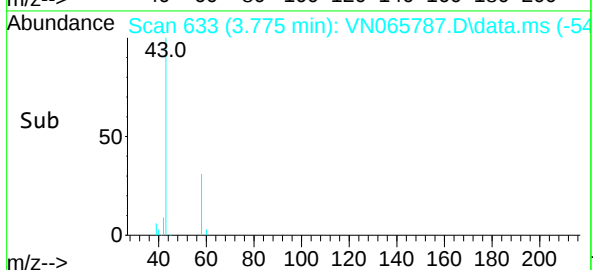
Tgt Ion:168 Resp: 178150
Ion Ratio Lower Upper
168 100
99 53.8 42.6 63.8

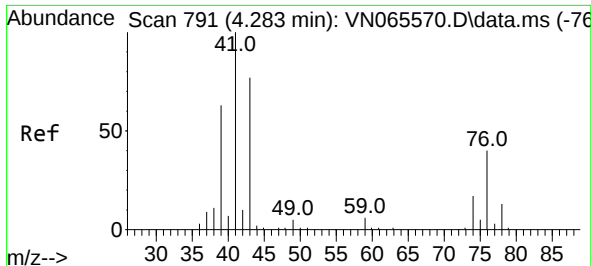


#16
Acetone
Concen: 14.43 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03



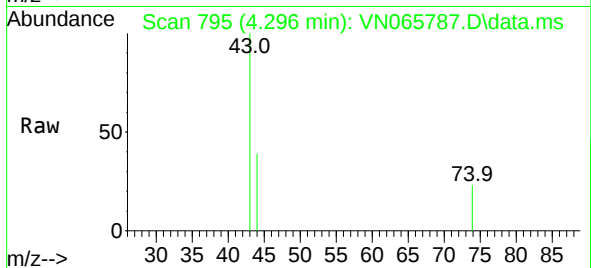
Tgt Ion: 43 Resp: 13163
Ion Ratio Lower Upper
43 100
58 30.7 27.0 40.6



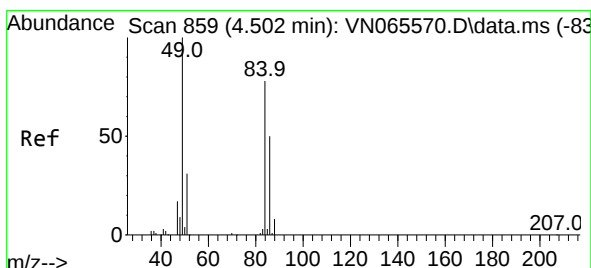
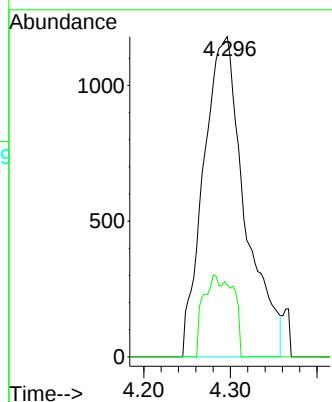
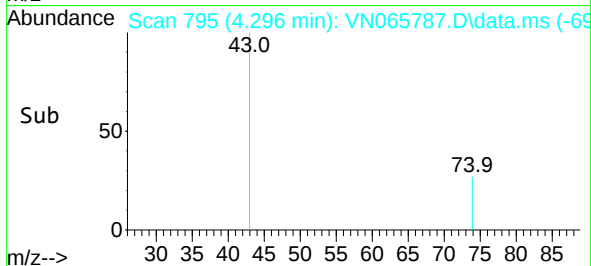


#18
Methyl Acetate
Concen: 1.53 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.013 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

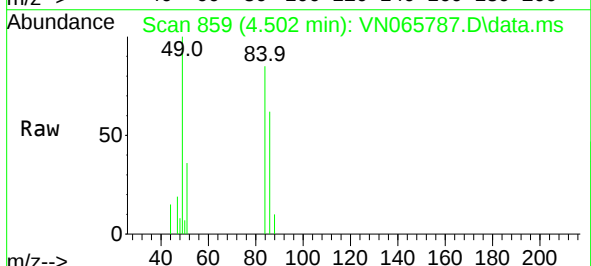
Instrument :
MSVOA_N
ClientSampled :



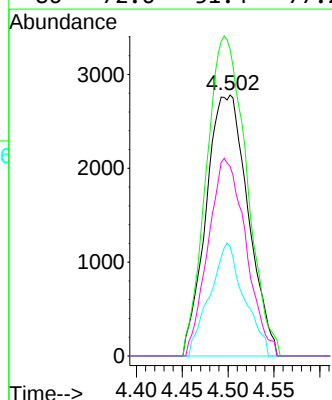
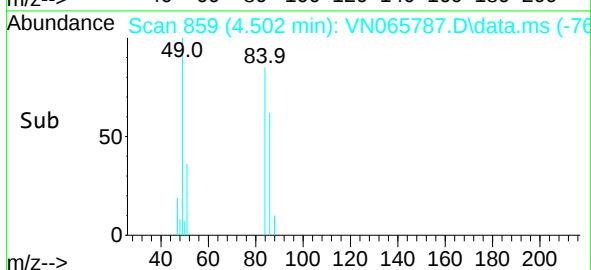
Tgt Ion: 43 Resp: 3913
Ion Ratio Lower Upper
43 100
74 11.1 19.5 29.3#

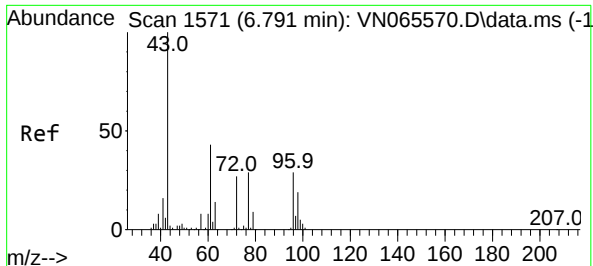


#20
Methylene Chloride
Concen: 3.49 ug/l
RT: 4.502 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03



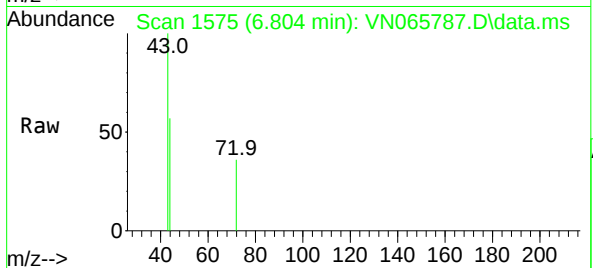
Tgt Ion: 84 Resp: 8818
Ion Ratio Lower Upper
84 100
49 117.5 94.6 141.8
51 42.0 29.9 44.9
86 72.6 51.4 77.2



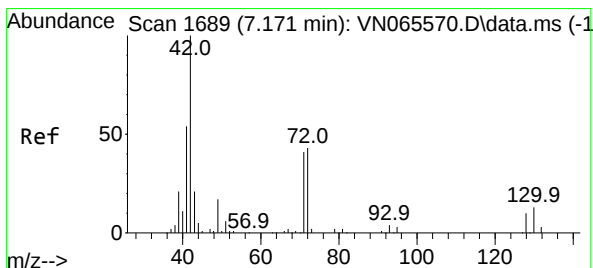
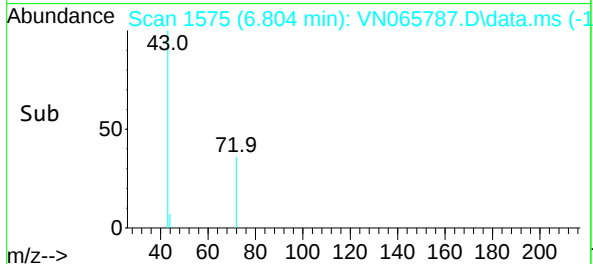
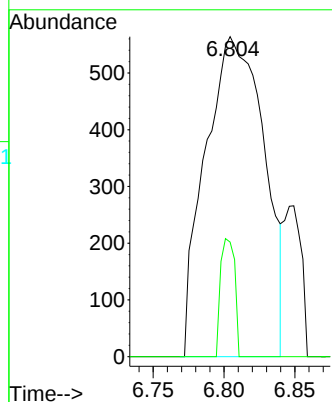


#25
2-Butanone
Concen: 1.14 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

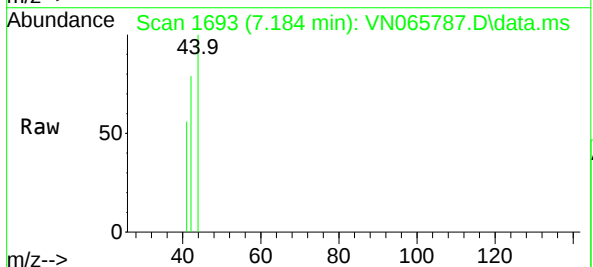
Instrument :
MSVOA_N
ClientSampled :



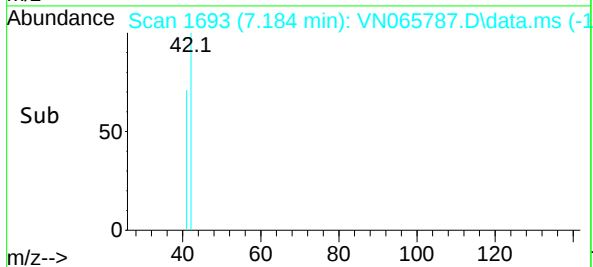
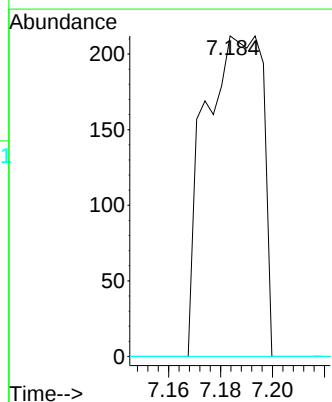
Tgt Ion: 43 Resp: 1632
Ion Ratio Lower Upper
43 100
72 35.8 23.1 34.7#

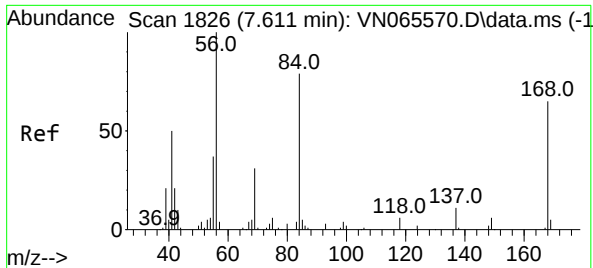


#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.013 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03



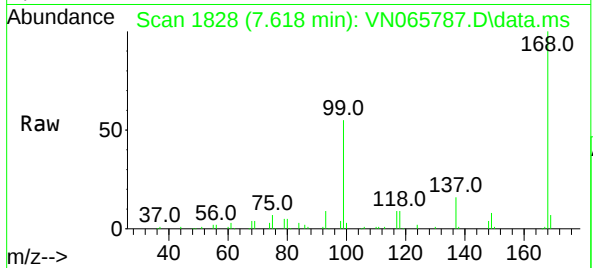
Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



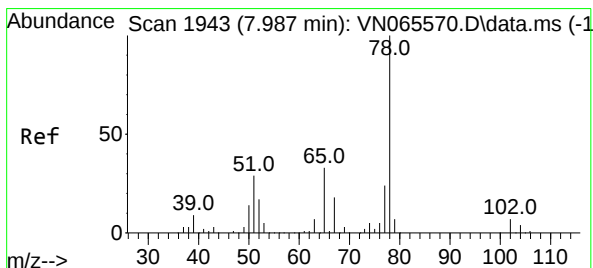
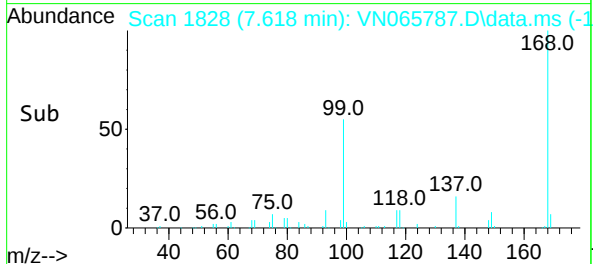
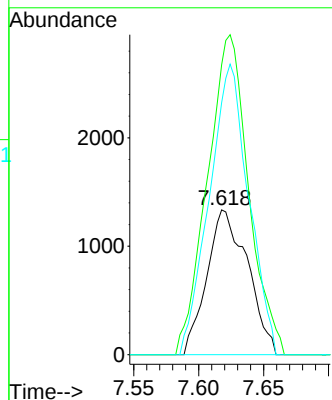


#31
Cyclohexane
Concen: 0.66 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Instrument :
MSVOA_N
ClientSampleId :

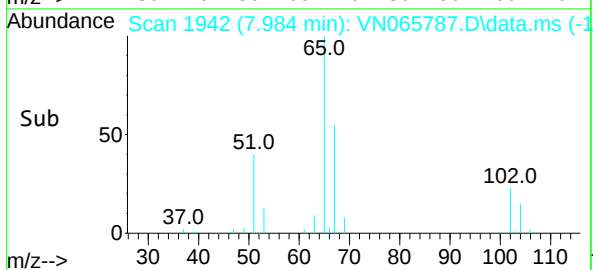
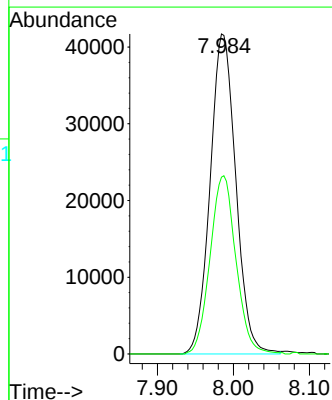
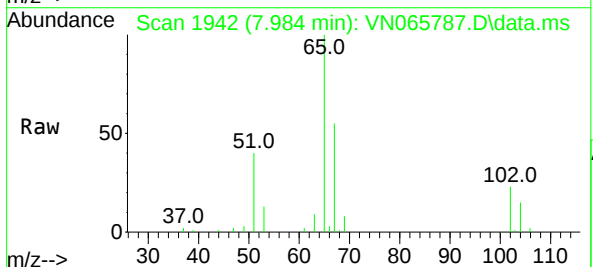


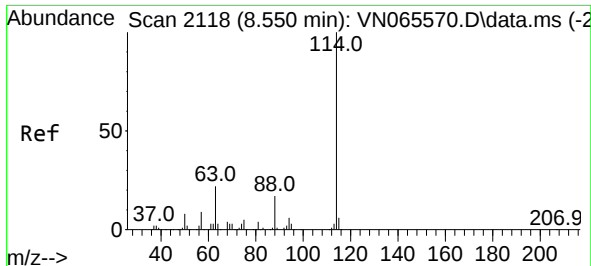
Tgt Ion: 56 Resp: 2910
Ion Ratio Lower Upper
56 100
69 188.6 26.6 39.8#
84 174.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.76 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 65 Resp: 97867
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2



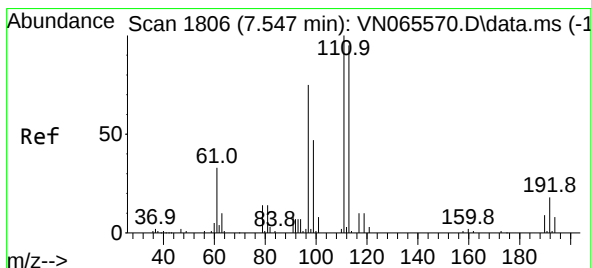
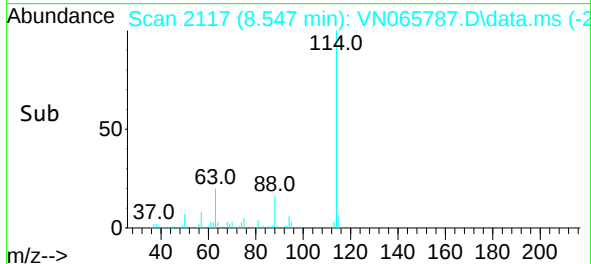
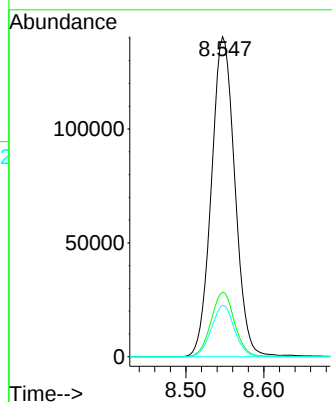
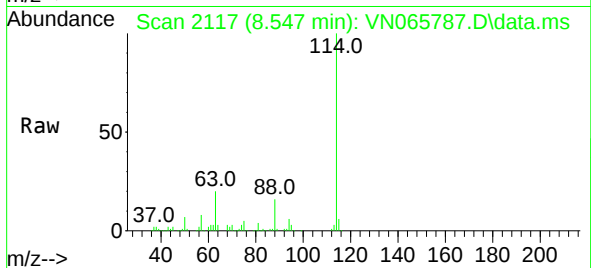


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Instrument :
MSVOA_N
ClientSampled :

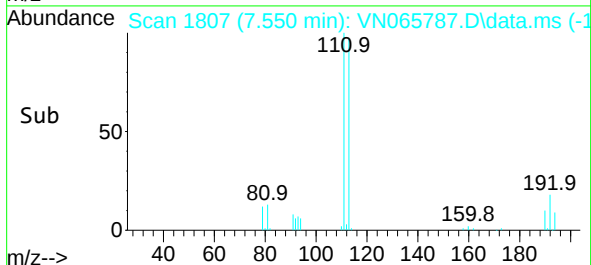
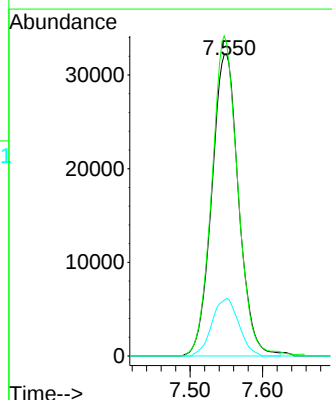
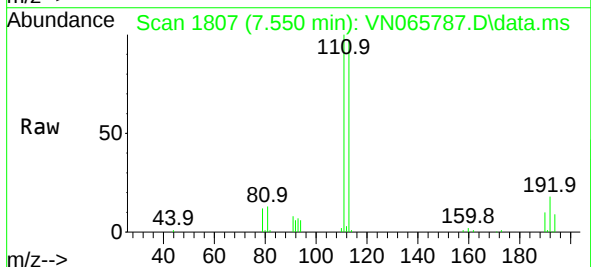
Tgt Ion:114 Resp: 293179
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.1 0.0 30.6

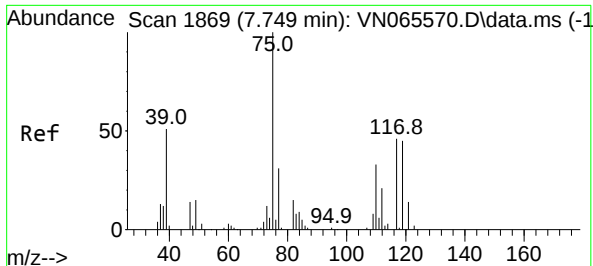


#35

Dibromofluoromethane
Concen: 47.65 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion:113 Resp: 82785
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.0 15.4 23.0



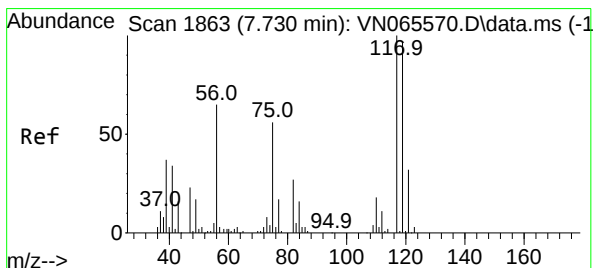
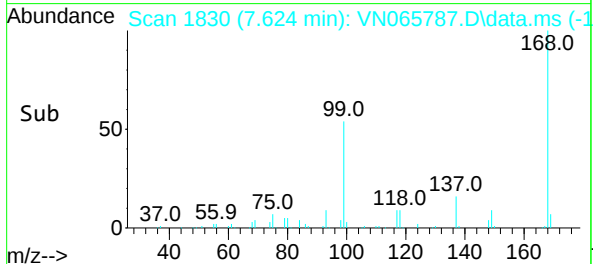
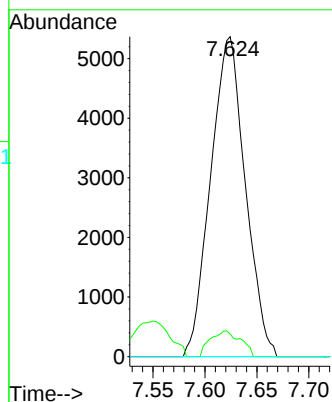
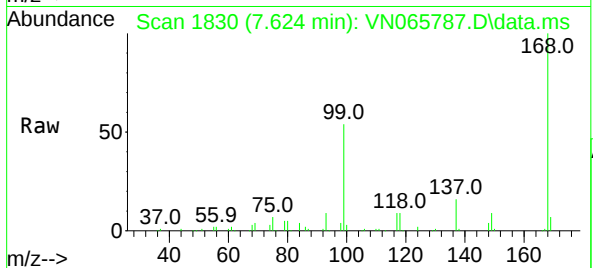


#36

1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Instrument :
MSVOA_N
ClientSampled :

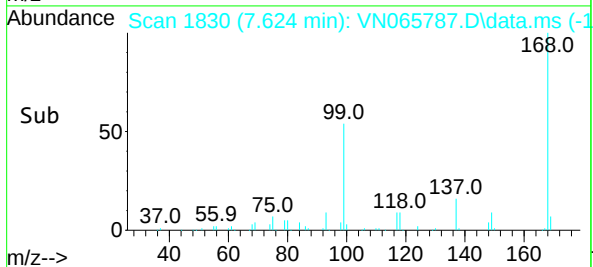
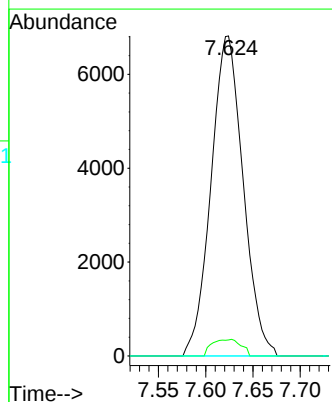
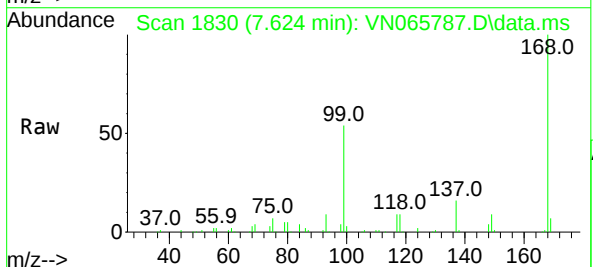
Tgt Ion: 75 Resp: 12455
Ion Ratio Lower Upper
75 100
110 7.0 18.2 54.6#
77 0.0 24.9 37.3#

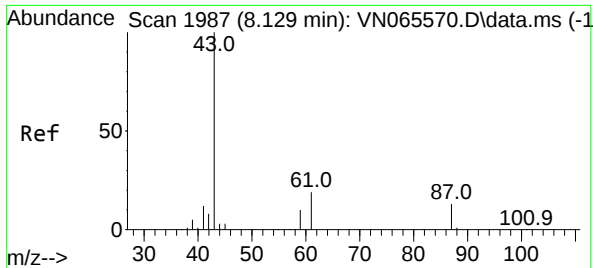


#38

Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 117 Resp: 16098
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#

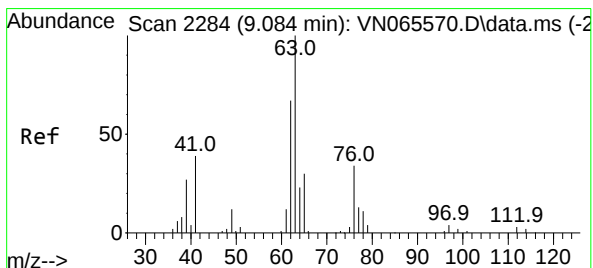
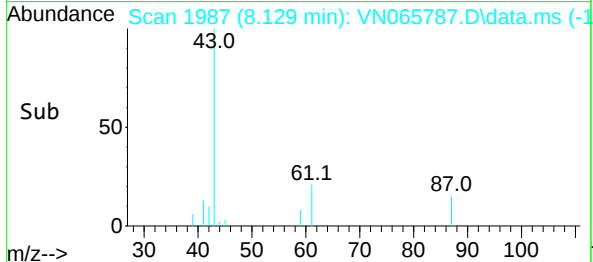
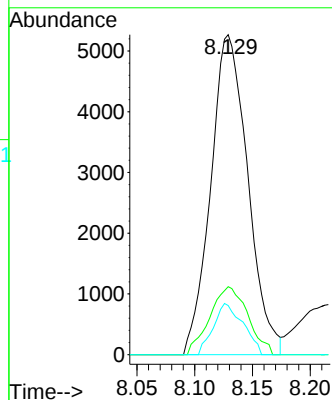
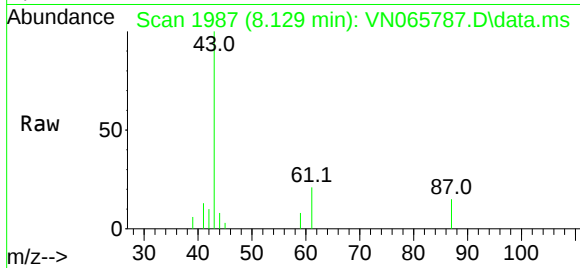




#43
Isopropyl Acetate
Concen: 2.34 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

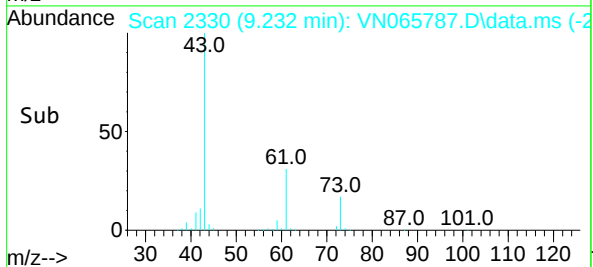
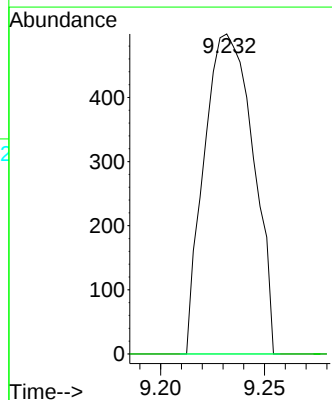
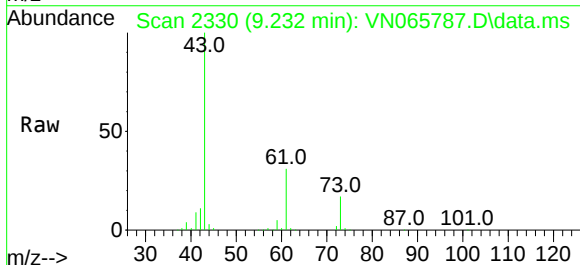
Instrument :
MSVOA_N
ClientSampled :

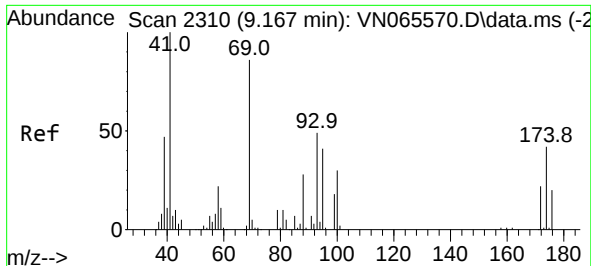
Tgt Ion: 43 Resp: 11759
Ion Ratio Lower Upper
43 100
61 21.8 22.5 33.7#
87 12.8 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.33 ug/l
RT: 9.232 min Scan# 2330
Delta R.T. 0.148 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 63 Resp: 817
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

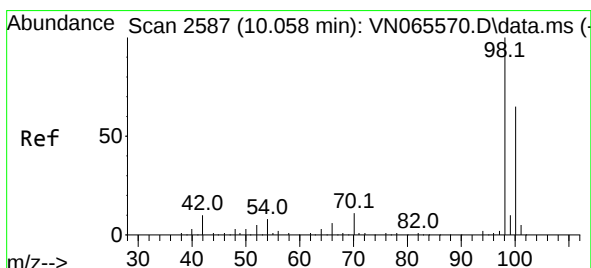
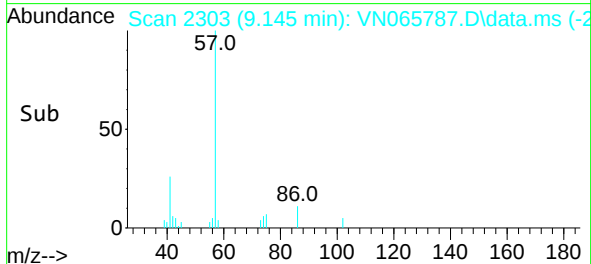
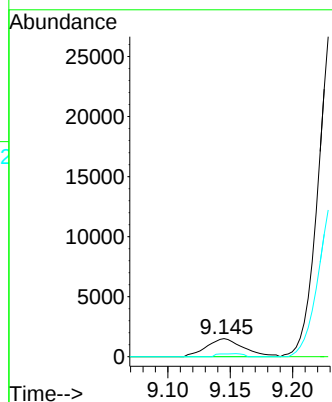
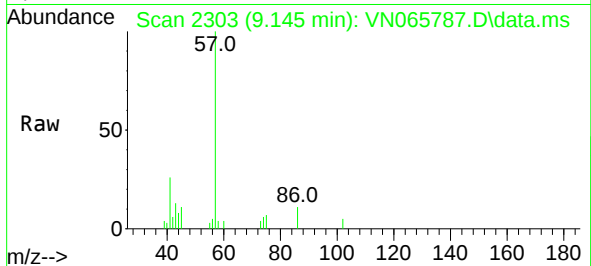




#48
Methyl methacrylate
Concen: 1.29 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

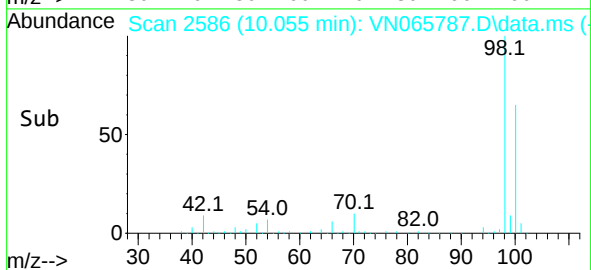
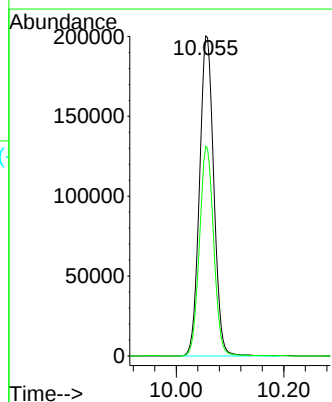
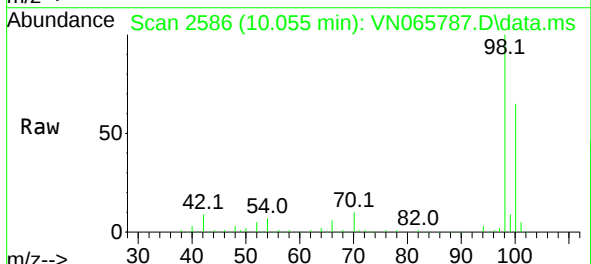
Instrument :
MSVOA_N
ClientSampled :

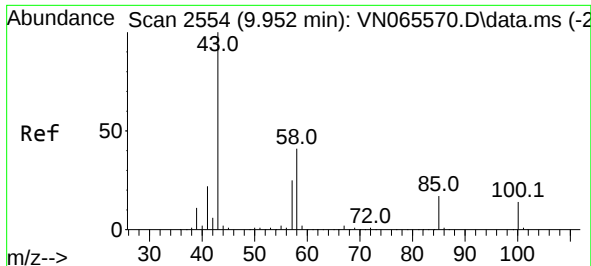
Tgt Ion: 41 Resp: 3078
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 98 Resp: 368125
Ion Ratio Lower Upper
98 100
100 65.4 50.5 75.7

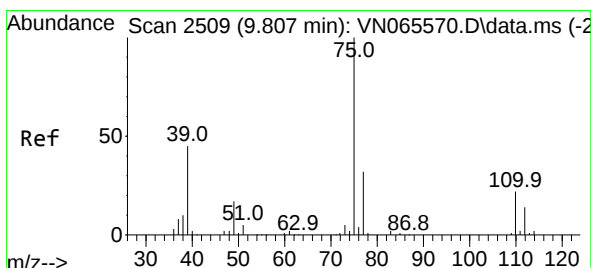
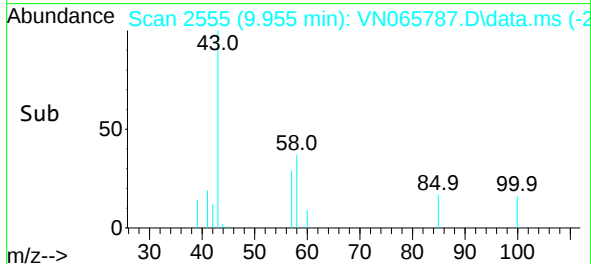
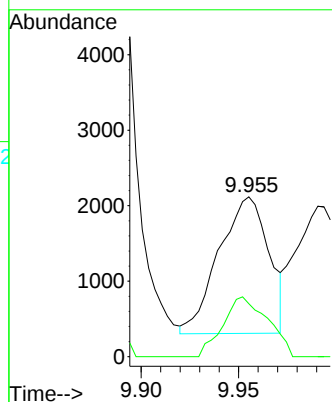
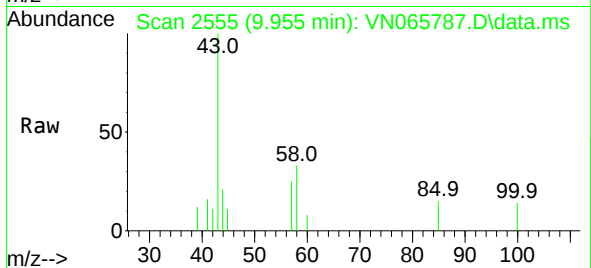




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

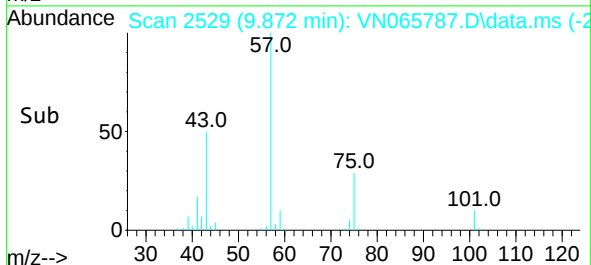
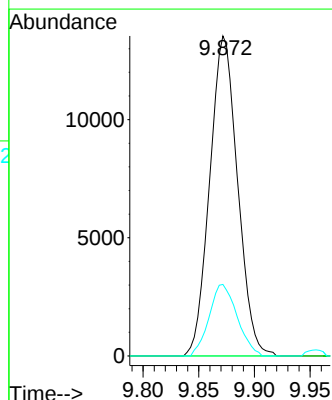
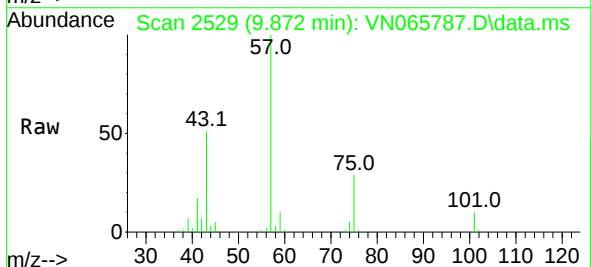
Instrument :
MSVOA_N
ClientSampled :

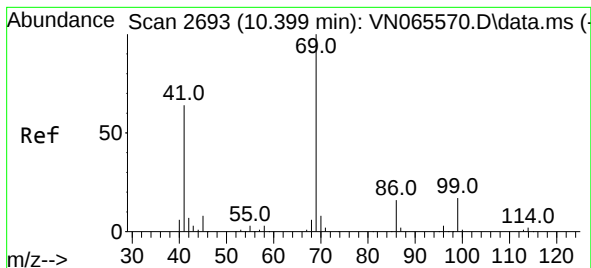
Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 39.3 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.18 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 75 Resp: 23555
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.3 36.2 54.4#

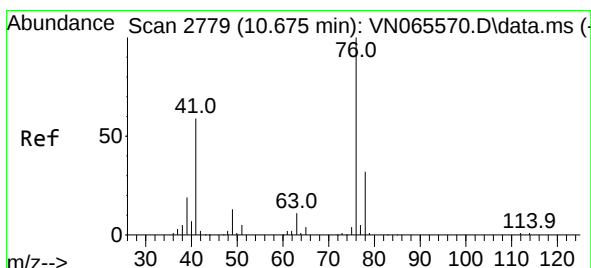
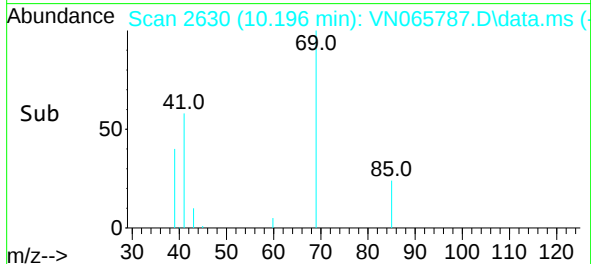
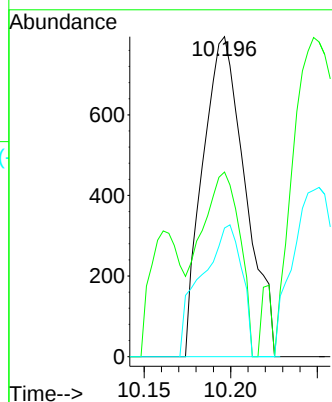
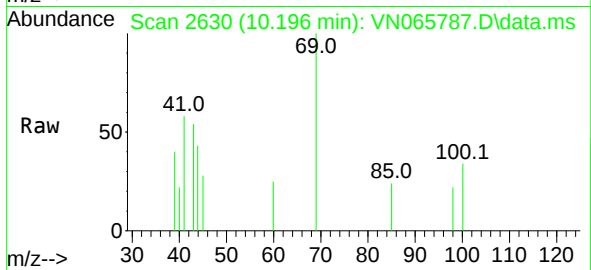




#56
Ethyl methacrylate
Concen: 0.40 ug/l
RT: 10.196 min Scan# 2630
Delta R.T. -0.203 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

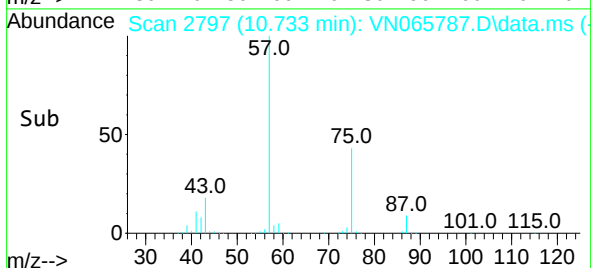
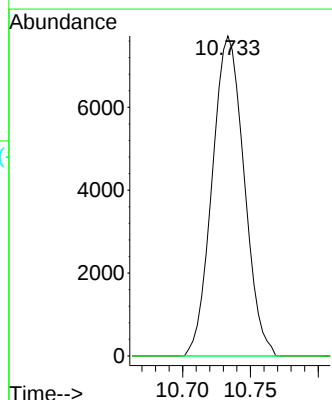
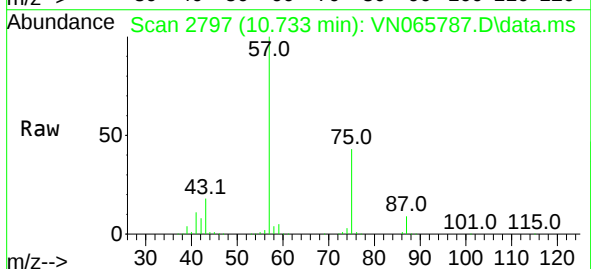
Instrument :
MSVOA_N
ClientSampleId :

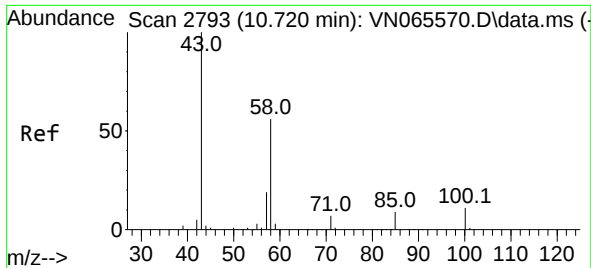
Tgt Ion: 69 Resp: 1352
Ion Ratio Lower Upper
69 100
41 53.7 49.6 74.4
39 39.4 28.0 42.0



#57
1,3-Dichloropropane
Concen: 3.53 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 76 Resp: 12639
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

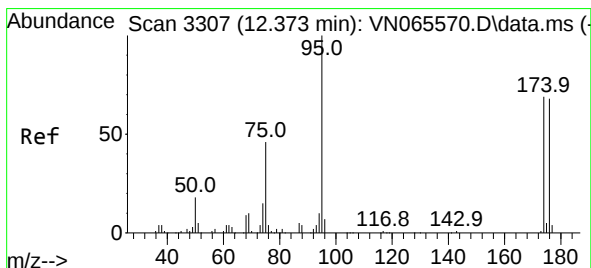
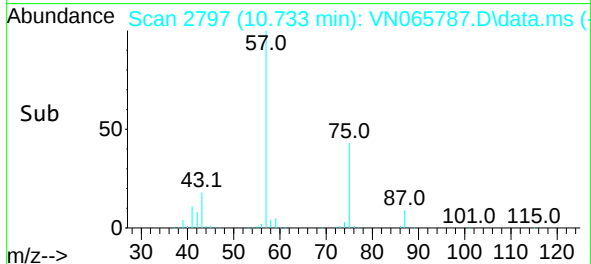
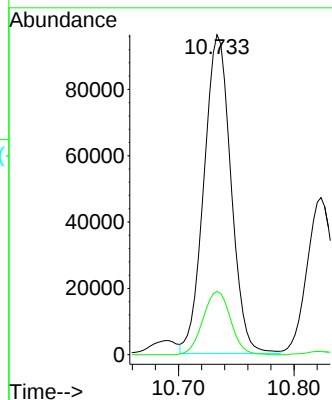
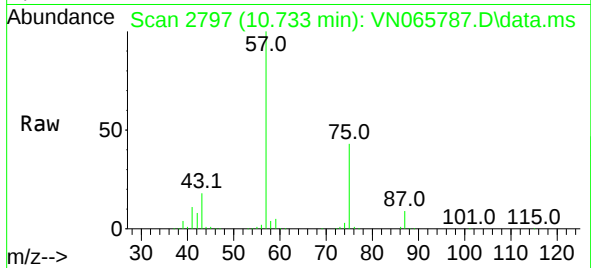




#59
2-Hexanone
Concen: 81.17 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

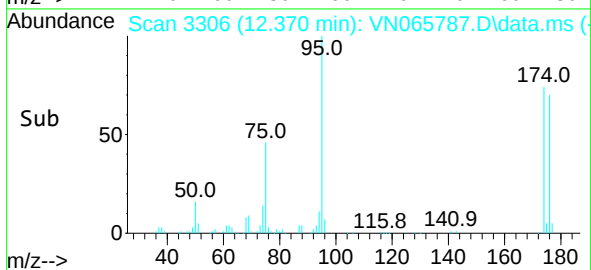
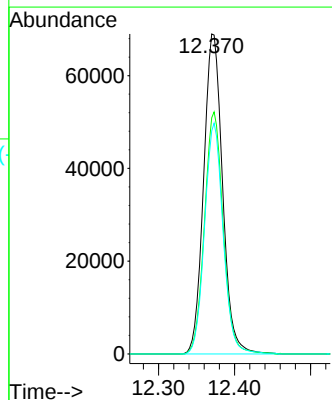
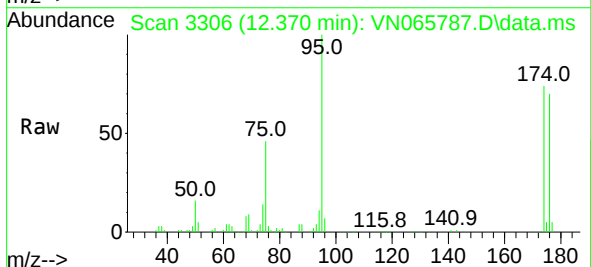
Instrument :
MSVOA_N
ClientSampled :

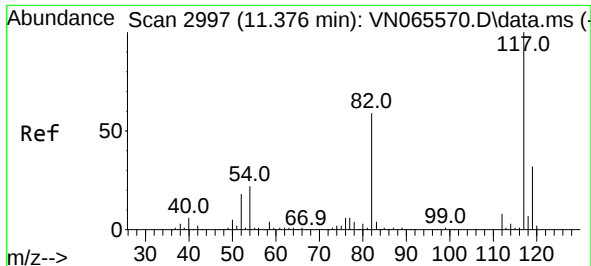
Tgt Ion: 43 Resp: 155913
Ion Ratio Lower Upper
43 100
58 20.3 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.53 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

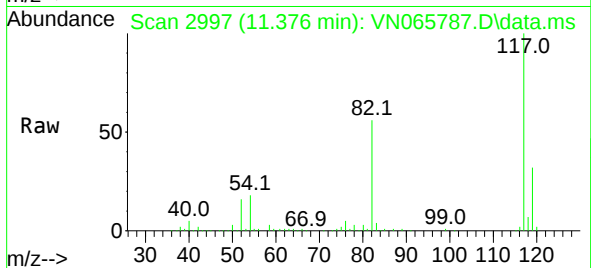
Tgt Ion: 95 Resp: 119343
Ion Ratio Lower Upper
95 100
174 75.0 0.0 169.0
176 70.7 0.0 162.4



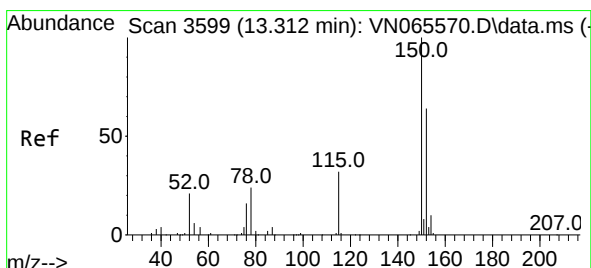
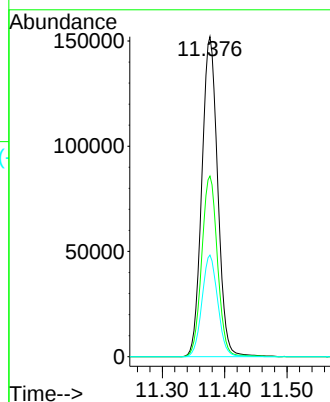
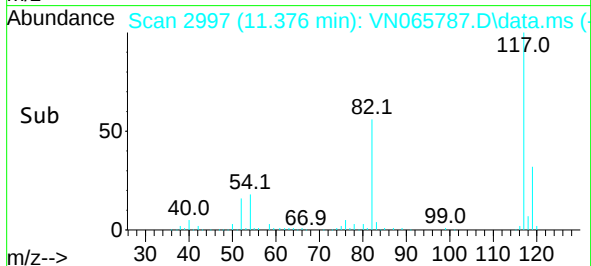


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

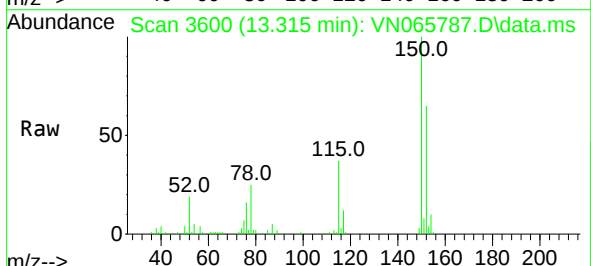
Instrument :
MSVOA_N
ClientSampleId :



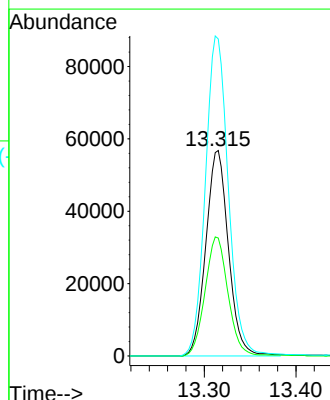
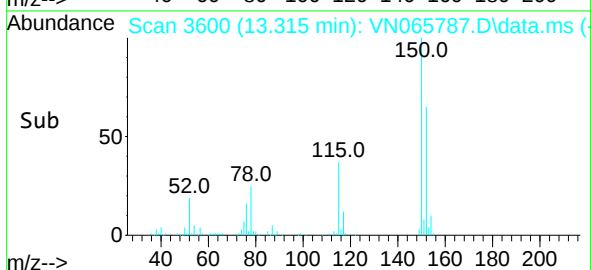
Tgt Ion:117 Resp: 269271
Ion Ratio Lower Upper
117 100
82 56.4 43.7 65.5
119 31.8 26.1 39.1

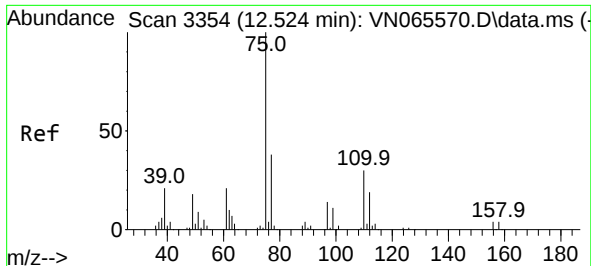


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03



Tgt Ion:152 Resp: 97222
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 158.9 0.0 347.6

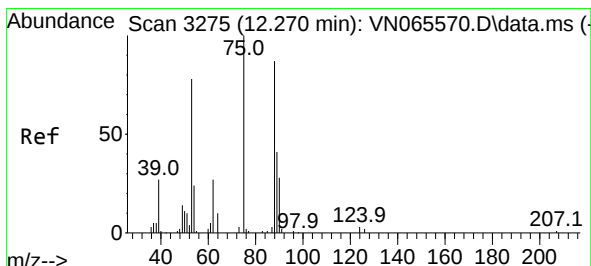
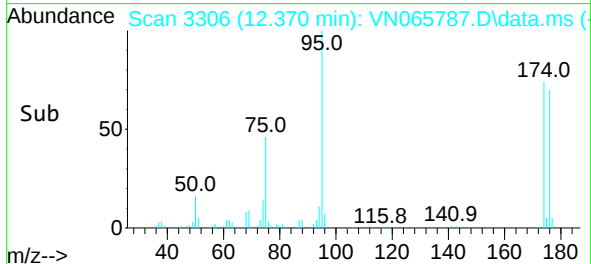
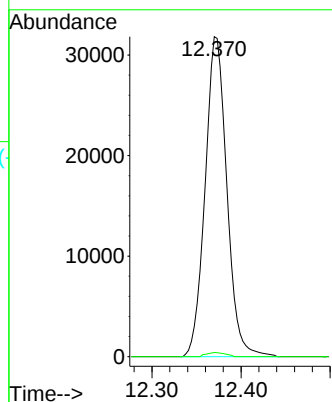
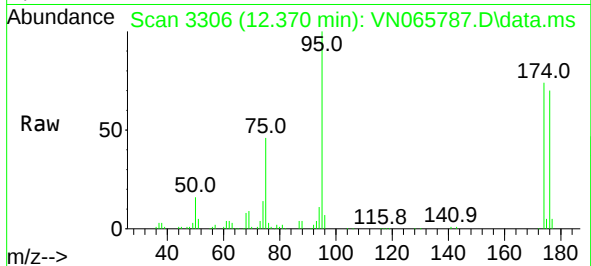




#76
1,2,3-Trichloropropane
Concen: 21.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065787.D
Acq: 9 Feb 2021 18:03

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 53946
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#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: VN065787.D
Acq: 9 Feb 2021 18:03

Tgt Ion: 75 Resp: 53946
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

