

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065763.D
 Acq On : 8 Feb 2021 18:29
 Operator : JC/MD
 Sample : PB134480ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:42:47 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)

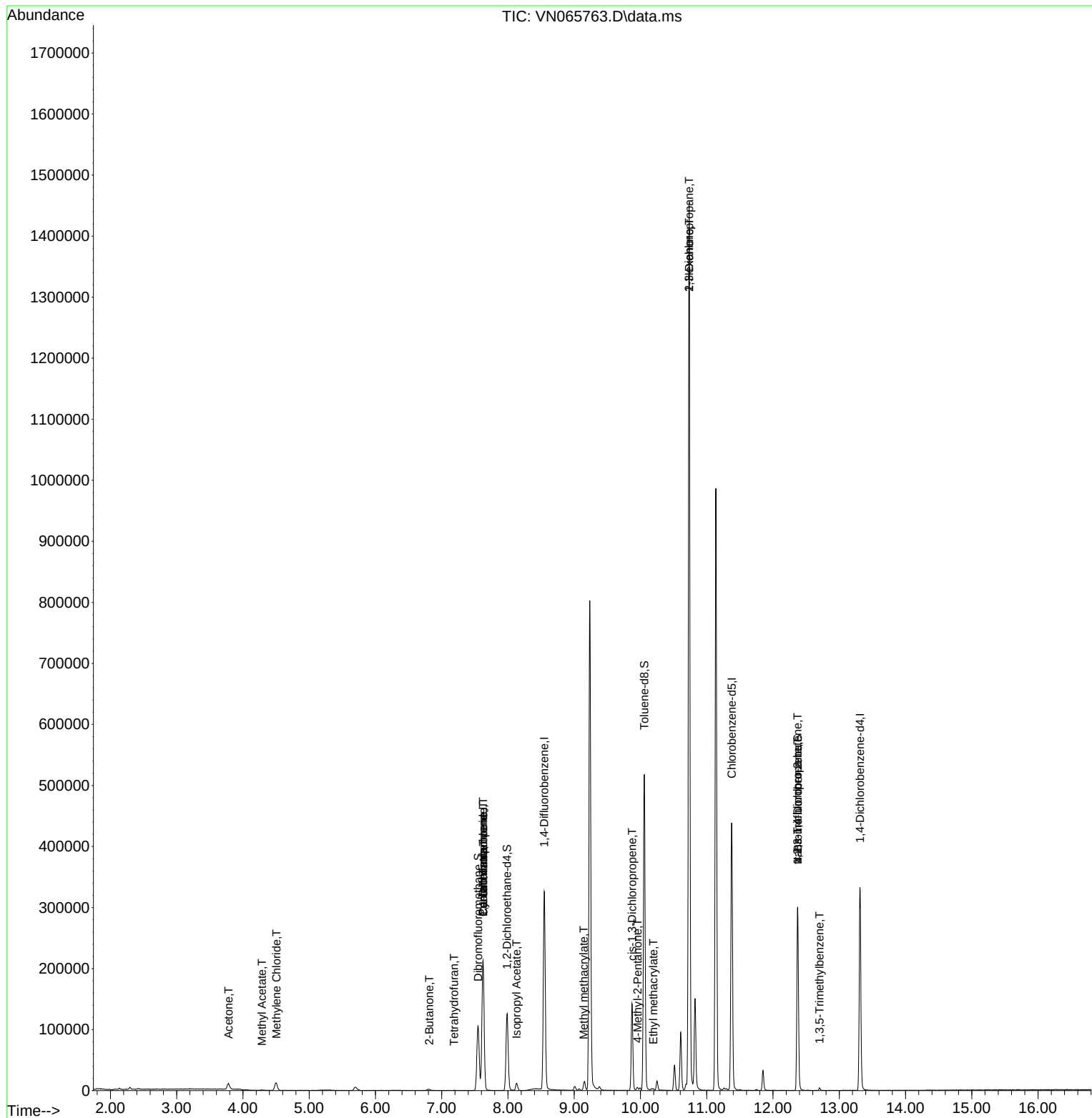
Internal Standards						
1) Pentafluorobenzene	7.624	168	182681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	307062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	273037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	98919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.988	65	105632	43.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.90%		
35) Dibromofluoromethane	7.550	113	88494	48.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.26%		
50) Toluene-d8	10.058	98	379111	53.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.00%		
62) 4-Bromofluorobenzene	12.373	95	122965	47.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.48%		
Target Compounds						
					Qvalue	
16) Acetone	3.782	43	13783	14.73	ug/l	99
18) Methyl Acetate	4.287	43	847	0.32	ug/l #	51
20) Methylene Chloride	4.505	84	9519	3.67	ug/l	97
25) 2-Butanone	6.811	43	1946	1.33	ug/l	93
29) Tetrahydrofuran	7.187	42	376	0.35	ug/l #	32
31) Cyclohexane	7.624	56	3215	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	13442	4.35	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16234	6.38	ug/l #	19
43) Isopropyl Acetate	8.129	43	14201	2.70	ug/l	93
48) Methyl methacrylate	9.142	41	3628	1.45	ug/l #	10
51) 4-Methyl-2-Pentanone	9.955	43	3503	1.21	ug/l	95
54) cis-1,3-Dichloropropene	9.875	75	28440	7.13	ug/l #	55
56) Ethyl methacrylate	10.196	69	1662	0.47	ug/l	96
57) 1,3-Dichloropropane	10.733	76	15364	4.09	ug/l #	43
59) 2-Hexanone	10.733	43	198825	98.83	ug/l #	51
76) 1,2,3-Trichloropropane	12.370	75	54894	21.22	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.701	105	3218	0.44	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.370	75	54894	54.36	ug/l #	12

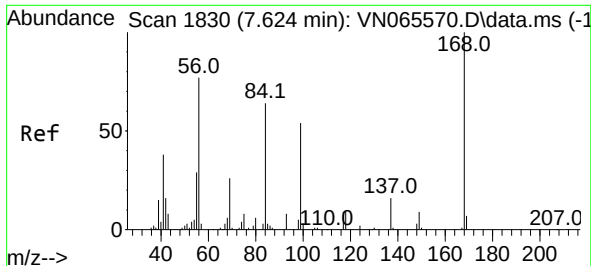
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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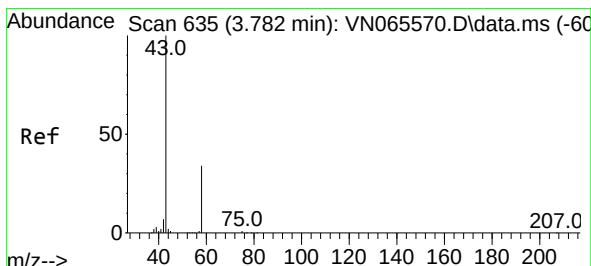
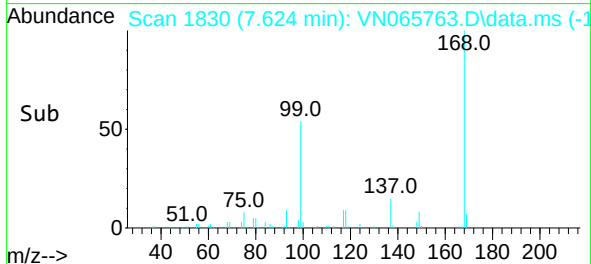
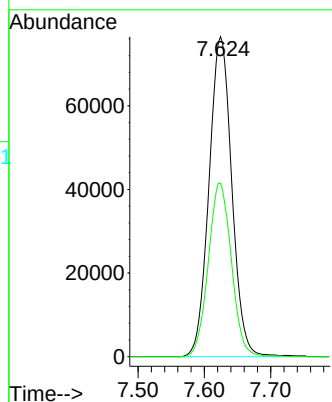
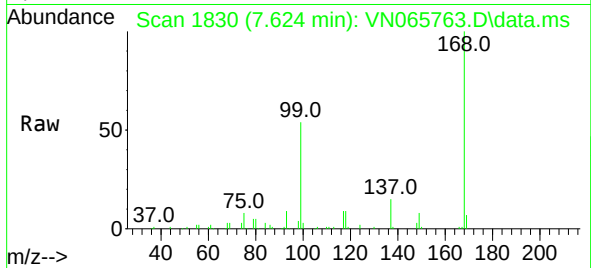




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

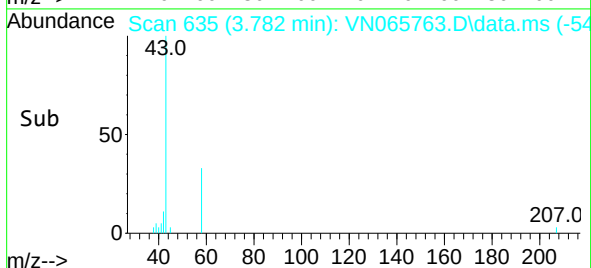
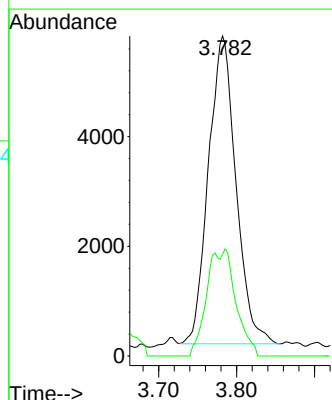
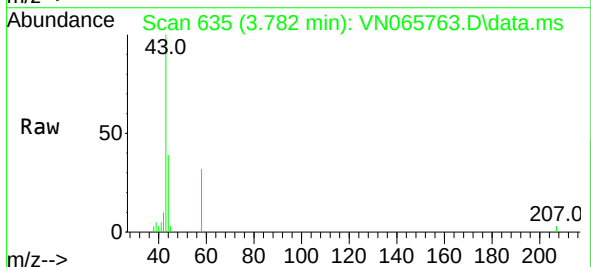
Instrument :
MSVOA_N
ClientSampled :

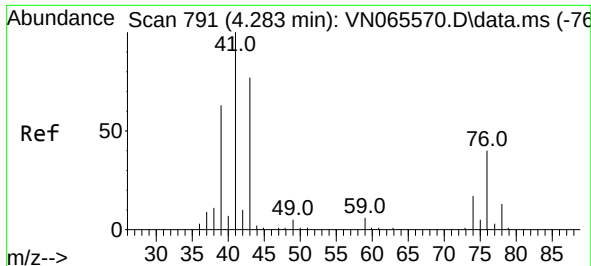
Tgt Ion:168 Resp: 182681
Ion Ratio Lower Upper
168 100
99 54.3 42.6 63.8



#16
Acetone
Concen: 14.73 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

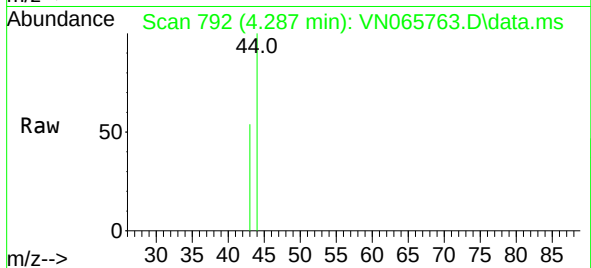
Tgt Ion: 43 Resp: 13783
Ion Ratio Lower Upper
43 100
58 33.0 27.0 40.6



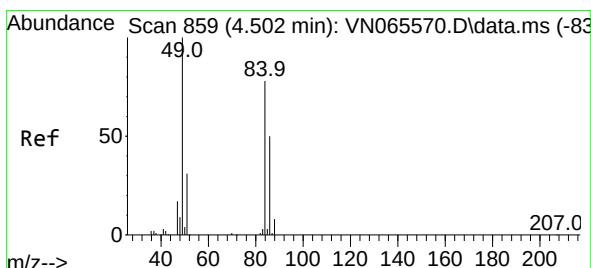
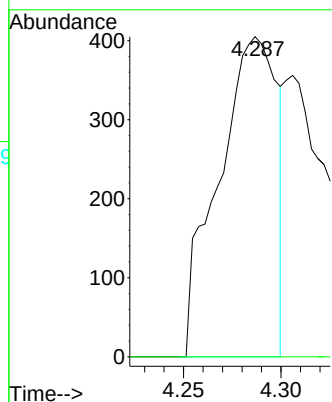
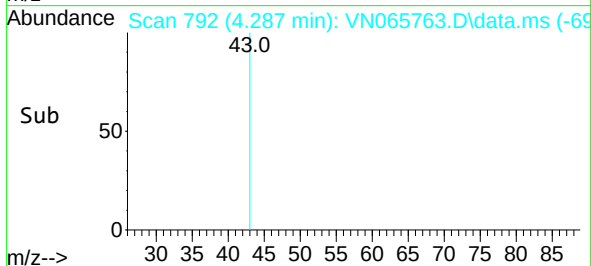


#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.004 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

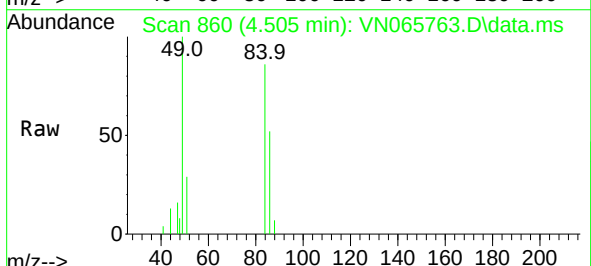
Instrument :
MSVOA_N
ClientSampled :



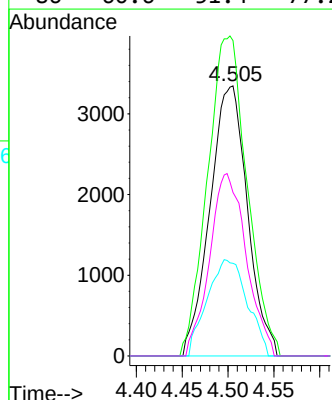
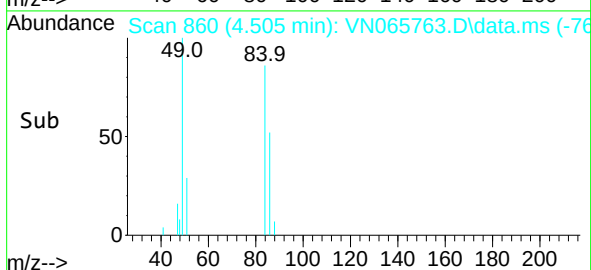
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

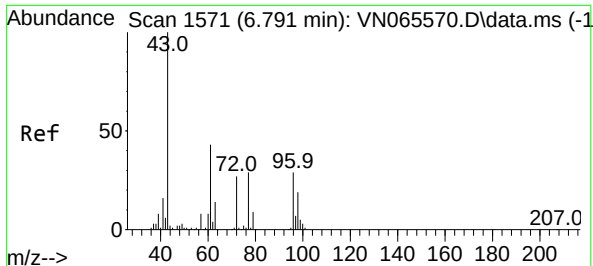


#20
Methylene Chloride
Concen: 3.67 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29



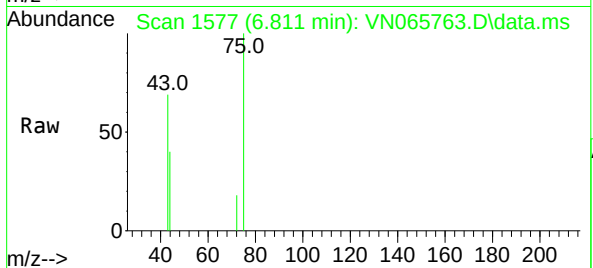
Tgt Ion: 84 Resp: 9519
Ion Ratio Lower Upper
84 100
49 116.7 94.6 141.8
51 34.3 29.9 44.9
86 60.6 51.4 77.2



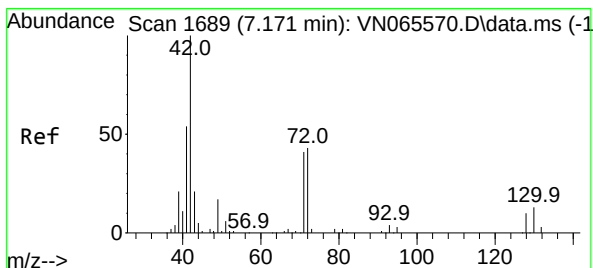
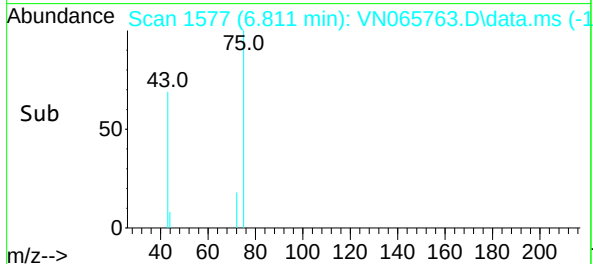
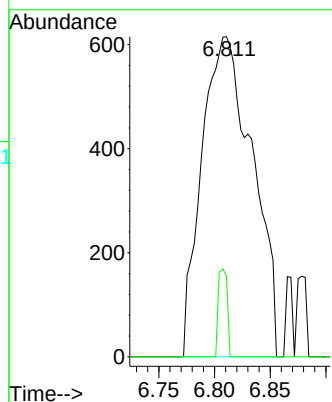


#25
2-Butanone
Concen: 1.33 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.020 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

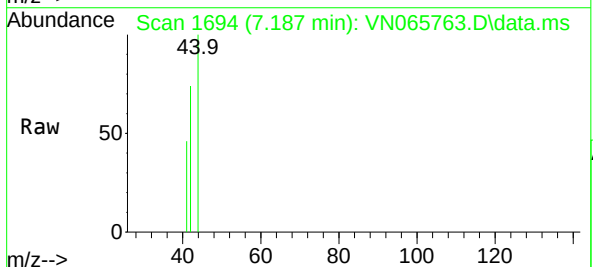
Instrument :
MSVOA_N
ClientSampled :



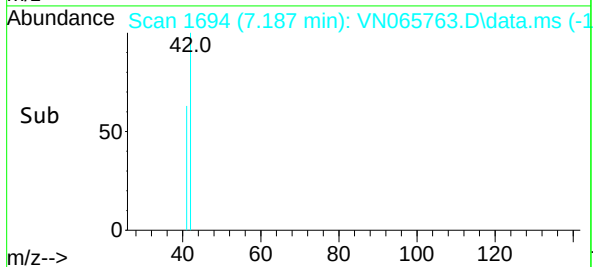
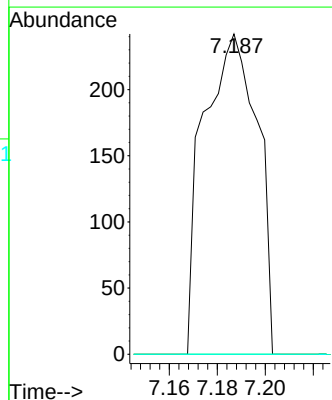
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
72 25.2 23.1 34.7

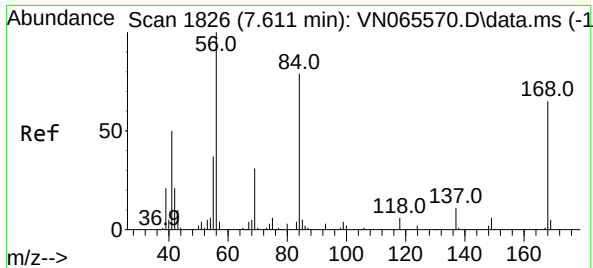


#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.016 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29



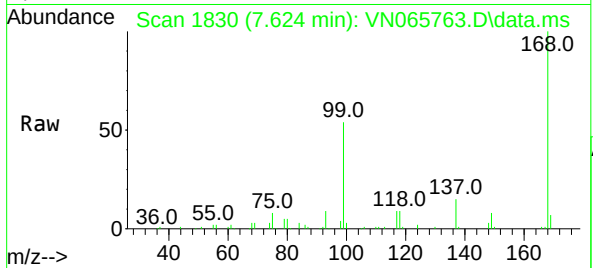
Tgt Ion: 42 Resp: 376
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



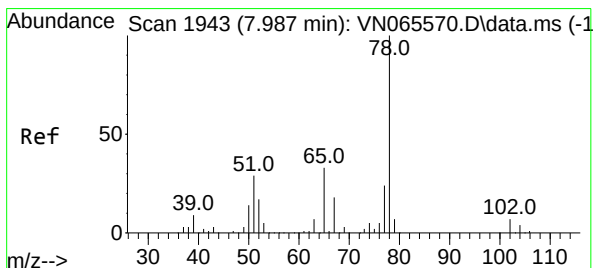
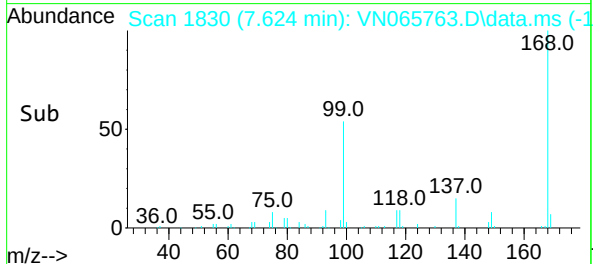
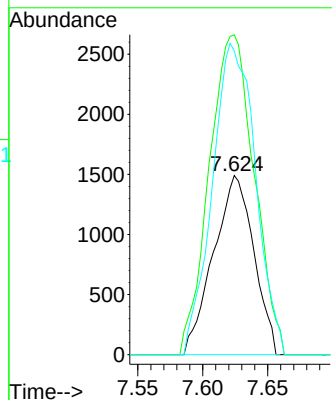


#31
Cyclohexane
Concen: 0.71 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

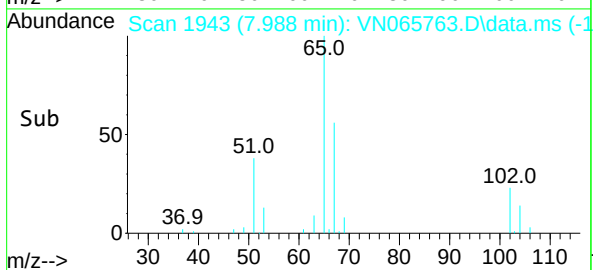
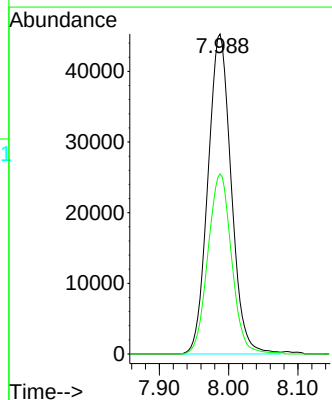
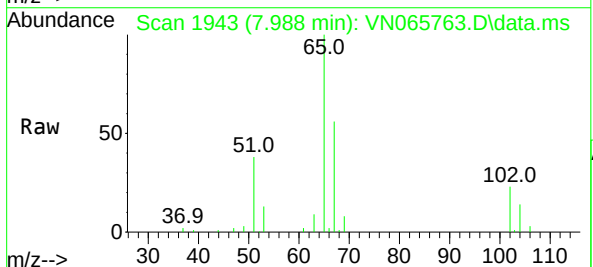


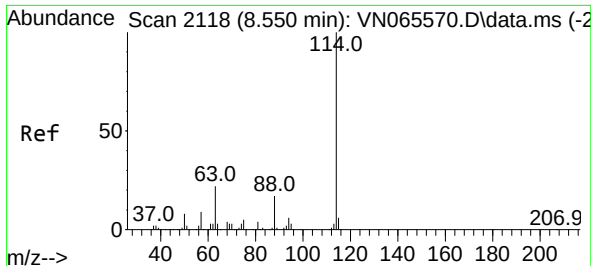
Tgt Ion: 56 Resp: 3215
Ion Ratio Lower Upper
56 100
69 178.6 26.6 39.8#
84 169.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 43.95 ug/l
RT: 7.988 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 65 Resp: 105632
Ion Ratio Lower Upper
65 100
67 57.3 0.0 107.2



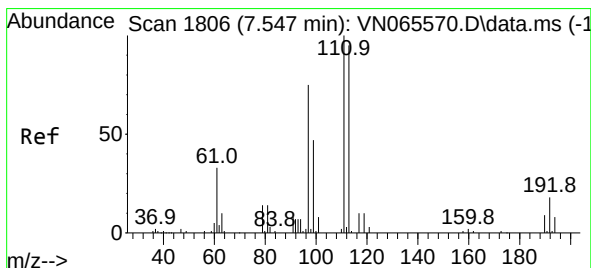
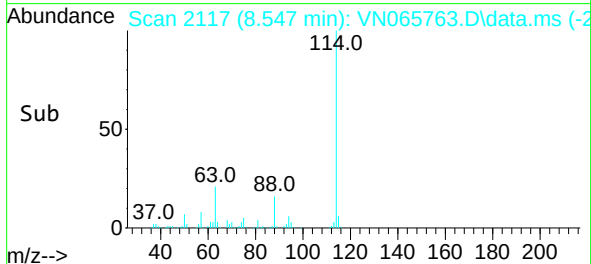
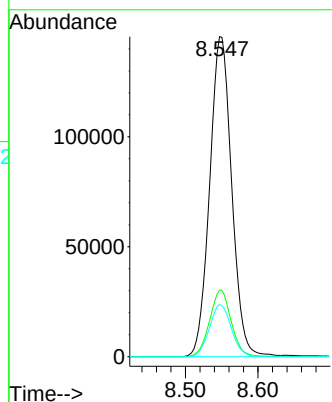
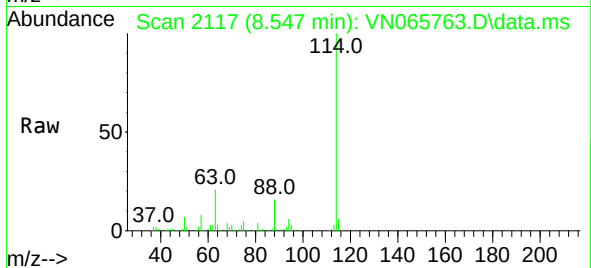


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

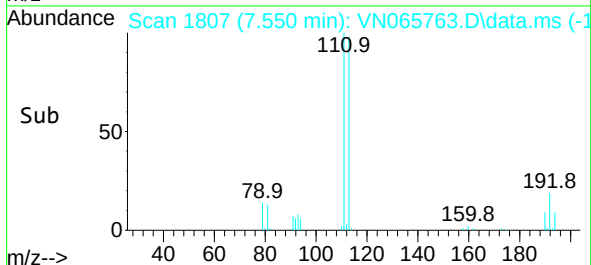
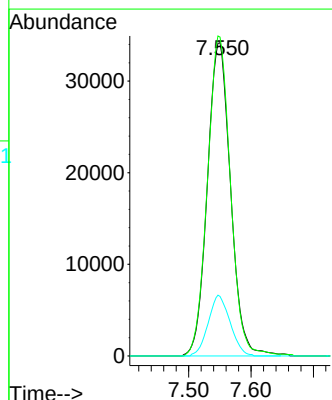
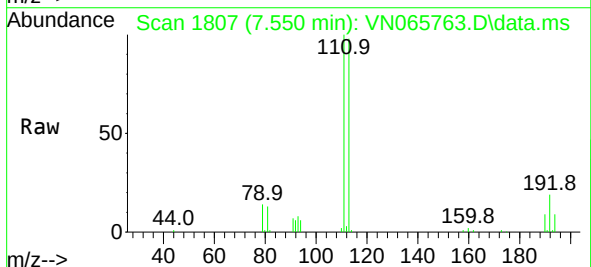
Tgt Ion:114 Resp: 307062
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.3 0.0 30.6

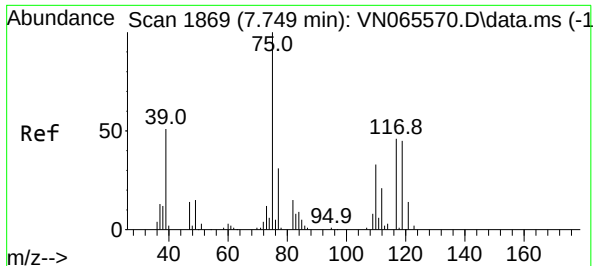


#35

Dibromofluoromethane
Concen: 48.63 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion:113 Resp: 88494
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 18.3 15.4 23.0

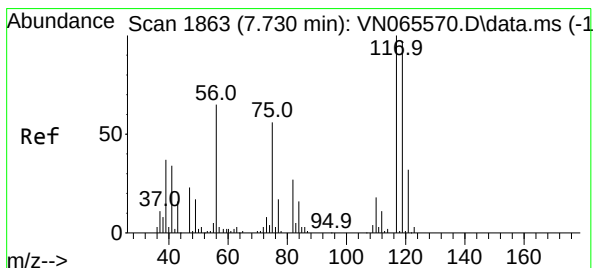
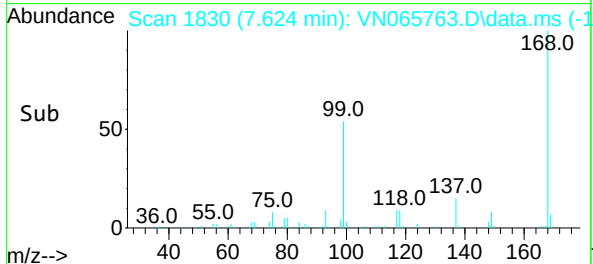
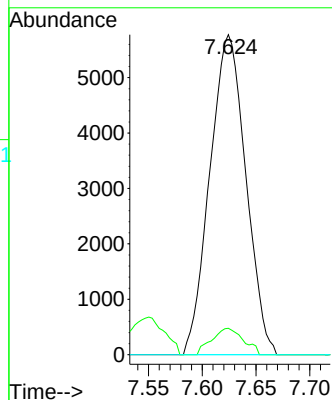
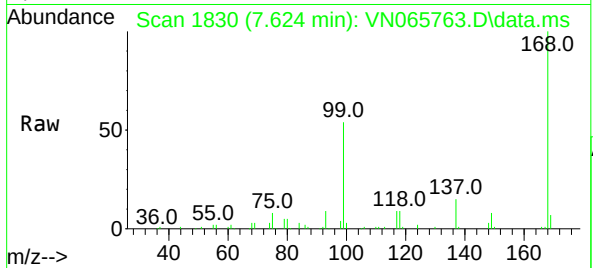




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

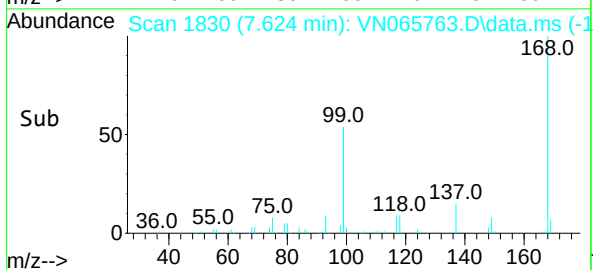
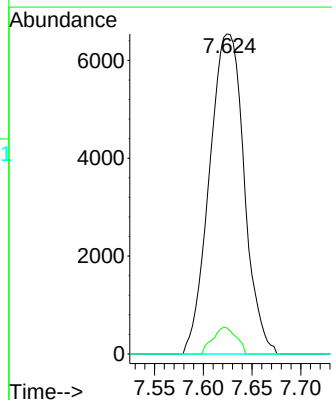
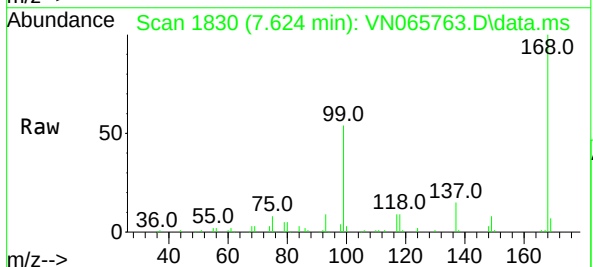
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ClientSampled :

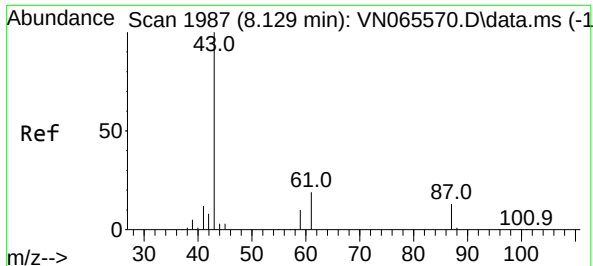
Tgt Ion: 75 Resp: 13442
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 117 Resp: 16234
Ion Ratio Lower Upper
117 100
119 8.1 76.0 114.0#
121 0.0 24.5 36.7#

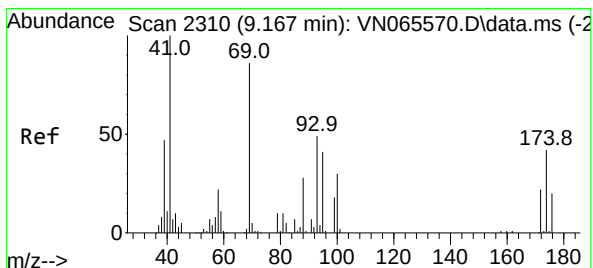
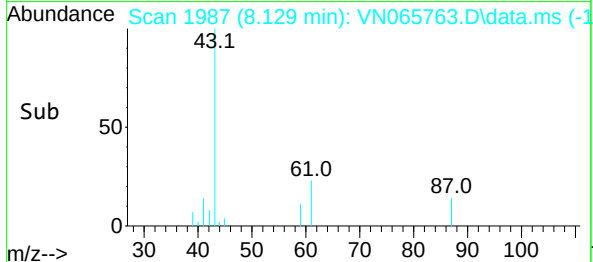
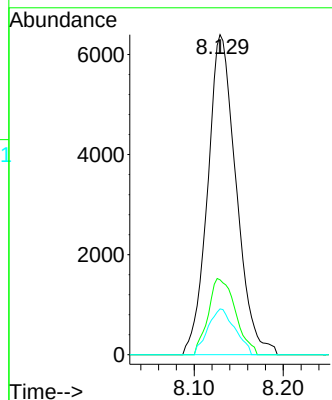
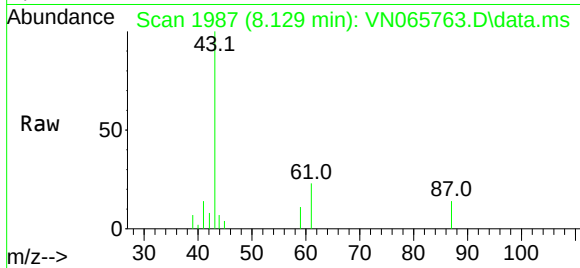




#43
Isopropyl Acetate
Concen: 2.70 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

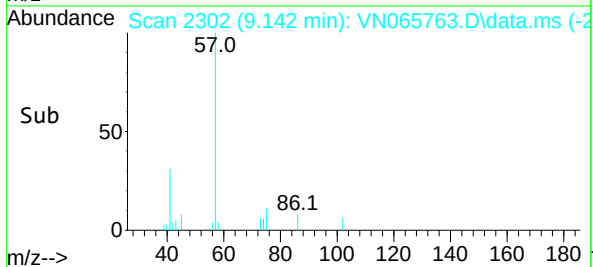
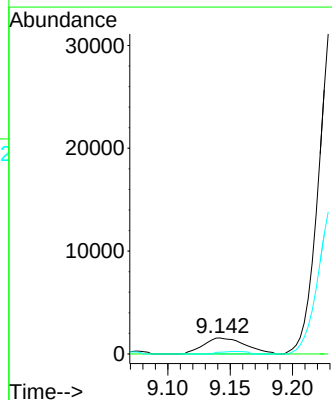
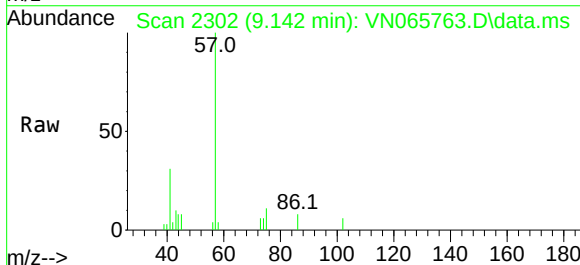
Instrument :
MSVOA_N
ClientSampled :

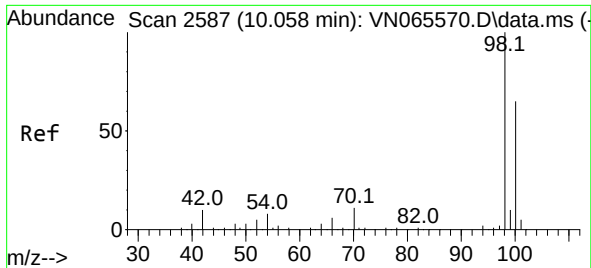
Tgt Ion:	43	Resp:	14201
Ion	Ratio	Lower	Upper
43	100		
61	22.8	22.5	33.7
87	13.5	11.1	16.7



#48
Methyl methacrylate
Concen: 1.45 ug/l
RT: 9.142 min Scan# 2302
Delta R.T. -0.025 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion:	41	Resp:	3628
Ion	Ratio	Lower	Upper
41	100		
69	0.0	75.9	113.9#
39	0.0	46.6	69.8#

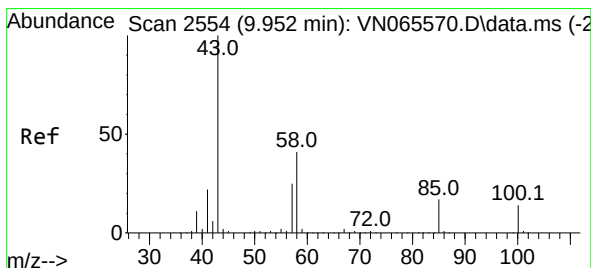
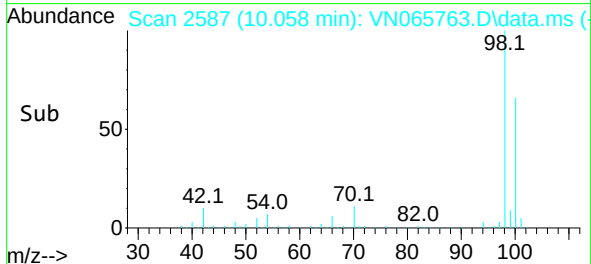
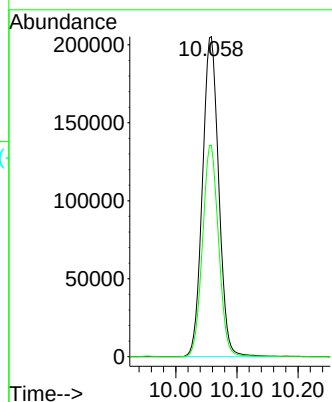
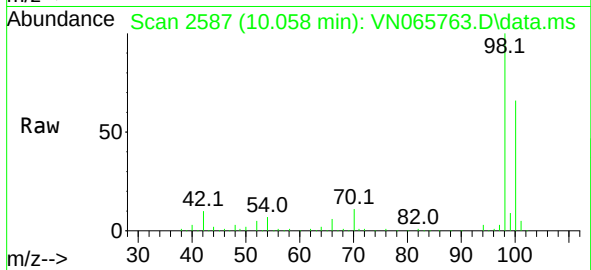




#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

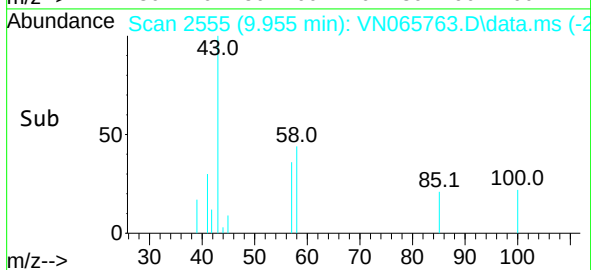
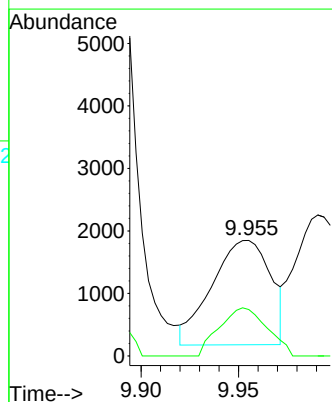
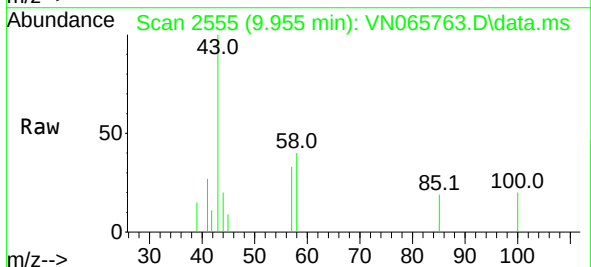
Instrument :
MSVOA_N
ClientSampled :

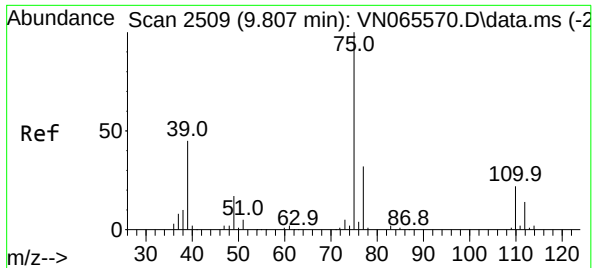
Tgt Ion: 98 Resp: 379111
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.21 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 43 Resp: 3503
Ion Ratio Lower Upper
43 100
58 37.6 32.5 48.7

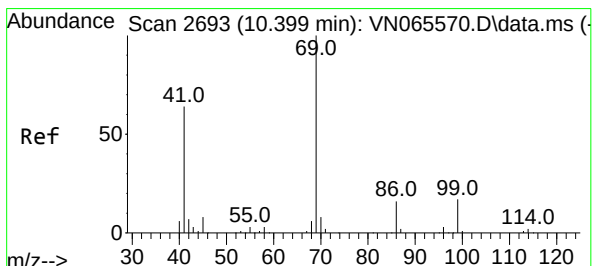
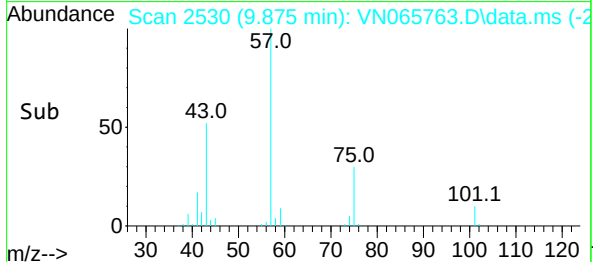
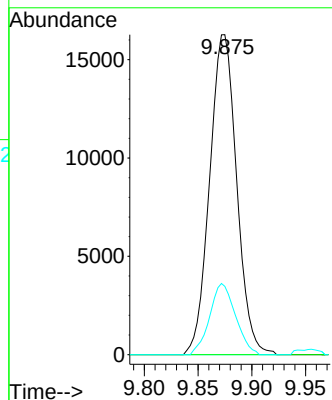
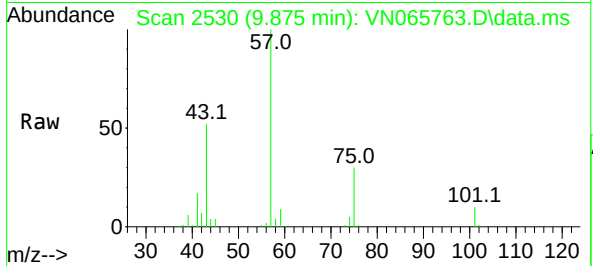




#54
 cis-1,3-Dichloropropene
 Concen: 7.13 ug/l
 RT: 9.875 min Scan# 2530
 Delta R.T. 0.068 min
 Lab File: VN065763.D
 Acq: 8 Feb 2021 18:29

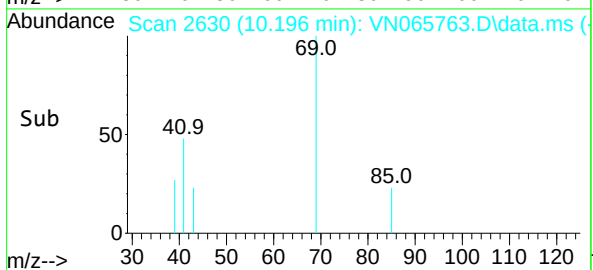
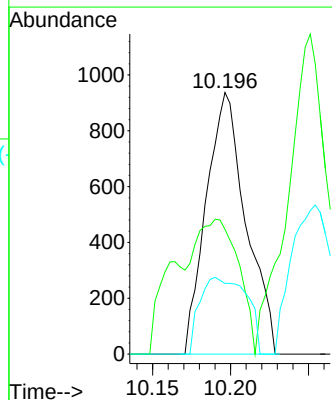
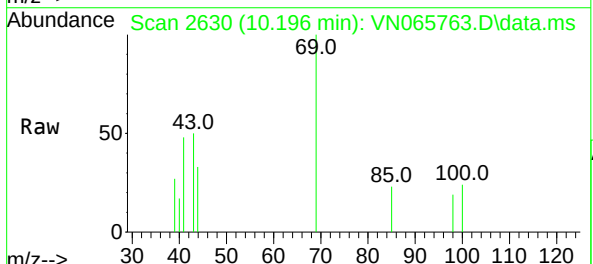
Instrument :
 MSVOA_N
 ClientSampled :

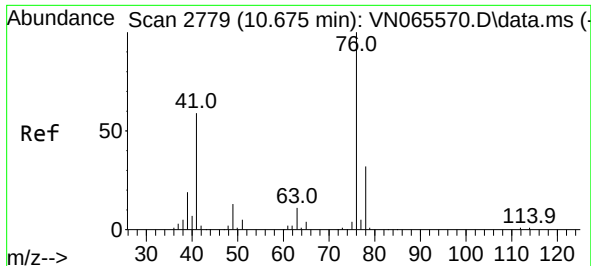
Tgt Ion: 75 Resp: 28440
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.9 37.3#
 39 21.4 36.2 54.4#



#56
 Ethyl methacrylate
 Concen: 0.47 ug/l
 RT: 10.196 min Scan# 2630
 Delta R.T. -0.203 min
 Lab File: VN065763.D
 Acq: 8 Feb 2021 18:29

Tgt Ion: 69 Resp: 1662
 Ion Ratio Lower Upper
 69 100
 41 57.6 49.6 74.4
 39 34.4 28.0 42.0

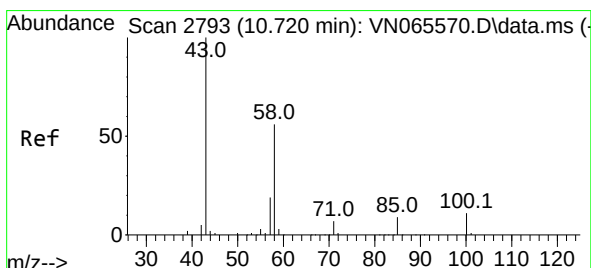
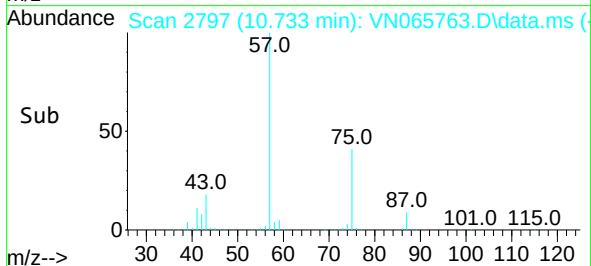
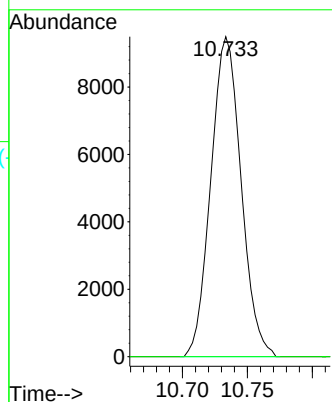
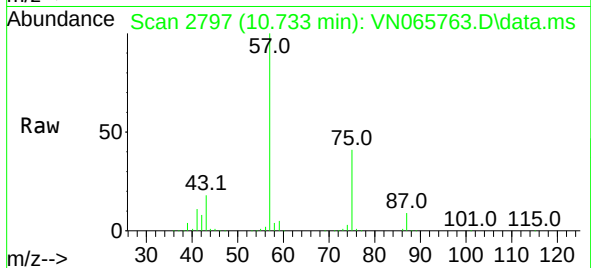




#57
1,3-Dichloropropane
Concen: 4.09 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

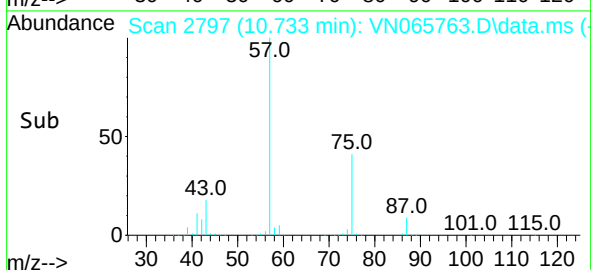
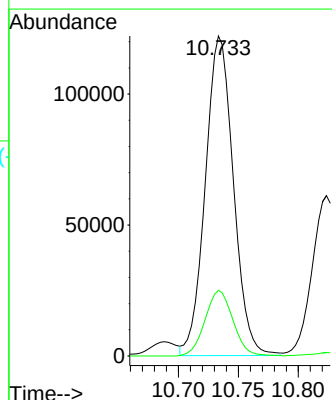
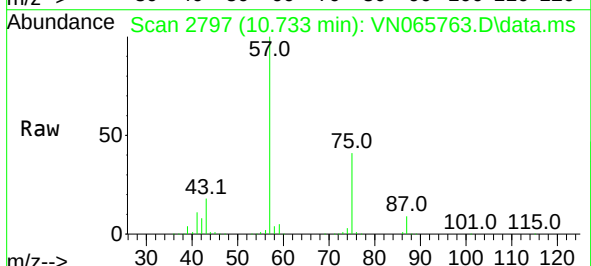
Instrument :
MSVOA_N
ClientSampled :

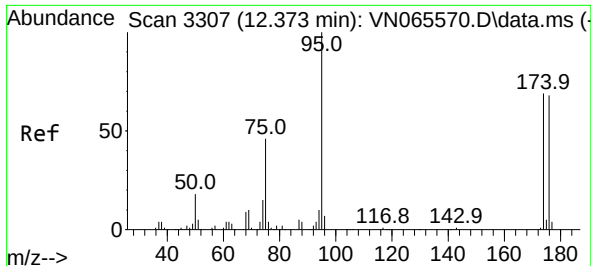
Tgt Ion: 76 Resp: 15364
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 98.83 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 43 Resp: 198825
Ion Ratio Lower Upper
43 100
58 20.4 28.1 84.3#

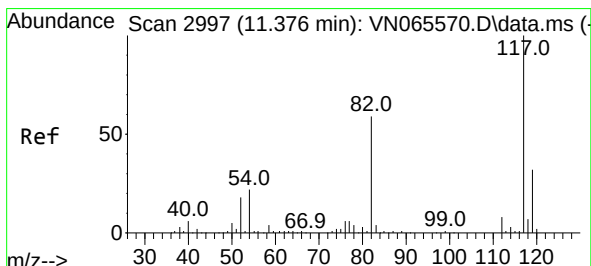
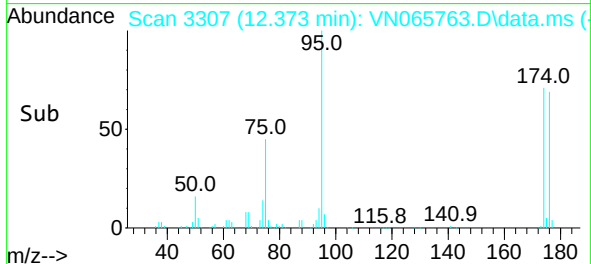
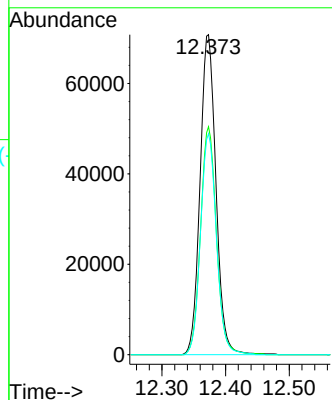
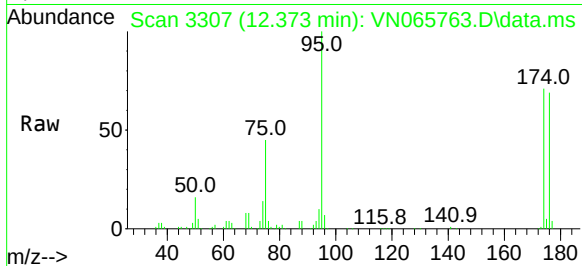




#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

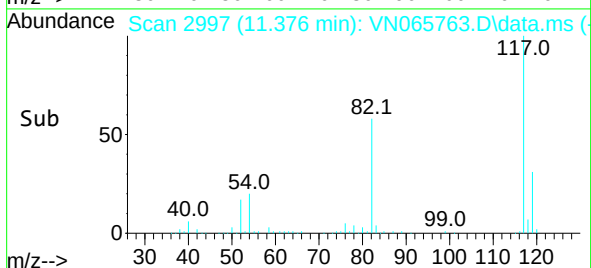
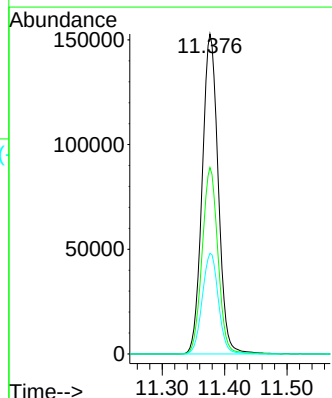
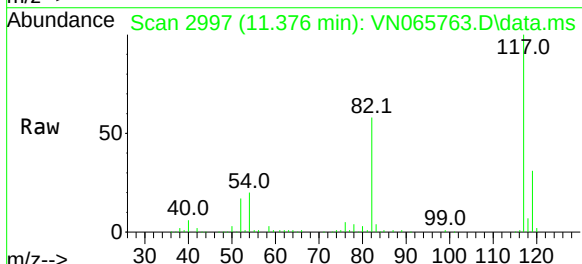
Instrument :
MSVOA_N
ClientSampleId :

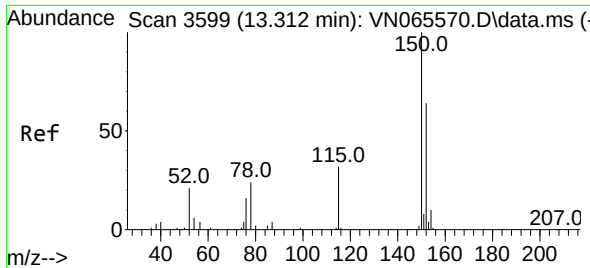
Tgt Ion: 95 Resp: 122965
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 69.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 117 Resp: 273037
Ion Ratio Lower Upper
117 100
82 58.2 43.7 65.5
119 31.5 26.1 39.1

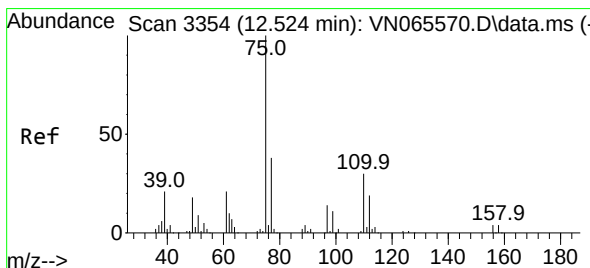
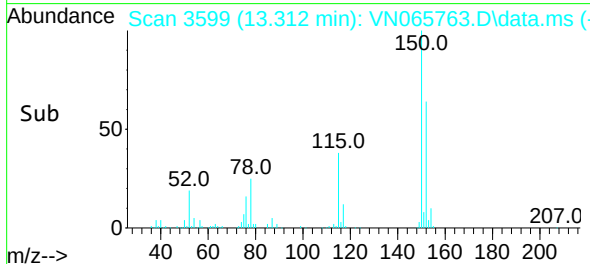
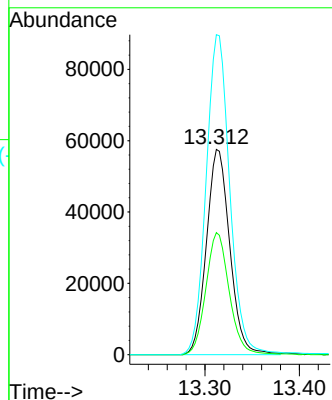
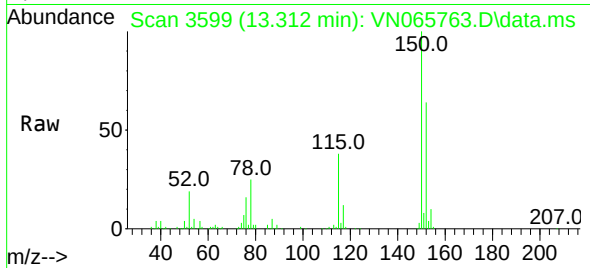




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

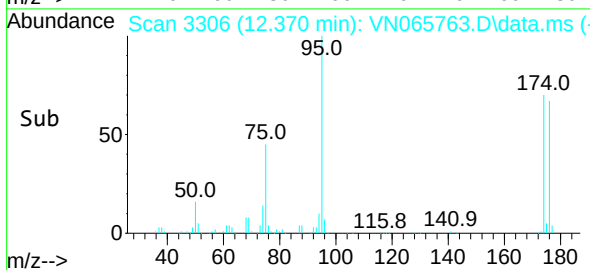
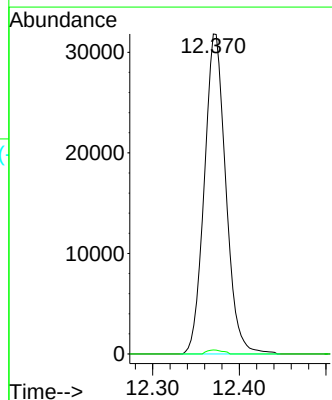
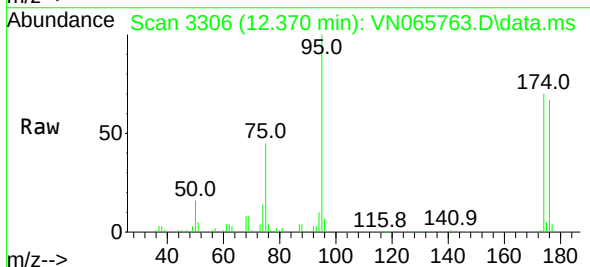
Instrument :
MSVOA_N
ClientSampled :

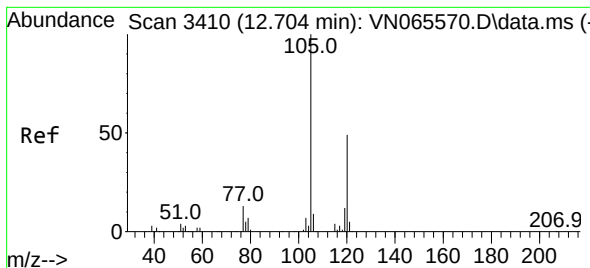
Tgt Ion:152 Resp: 98919
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.6
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 75 Resp: 54894
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

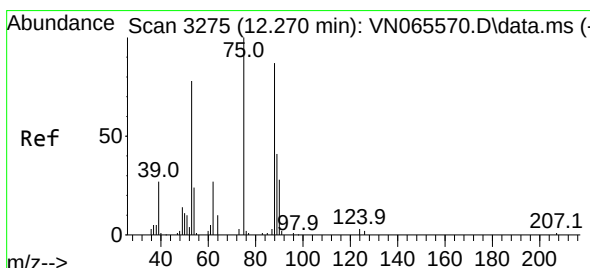
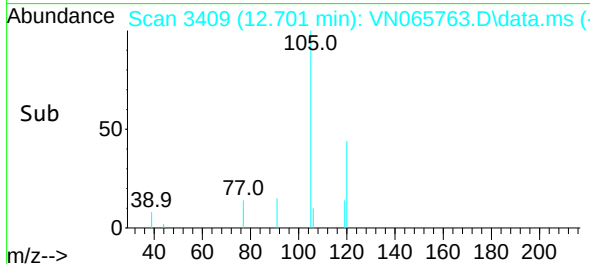
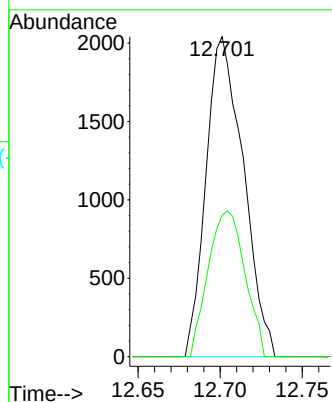
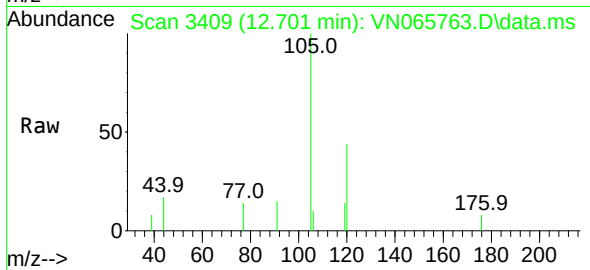




#80
1,3,5-Trimethylbenzene
Concen: 0.44 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 3218
Ion Ratio Lower Upper
105 100
120 44.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 54.36 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065763.D
Acq: 8 Feb 2021 18:29

Tgt Ion: 75 Resp: 54894
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

