

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065765.D
 Acq On : 8 Feb 2021 19:18
 Operator : JC/MD
 Sample : PB134480ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 00:43:27 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)

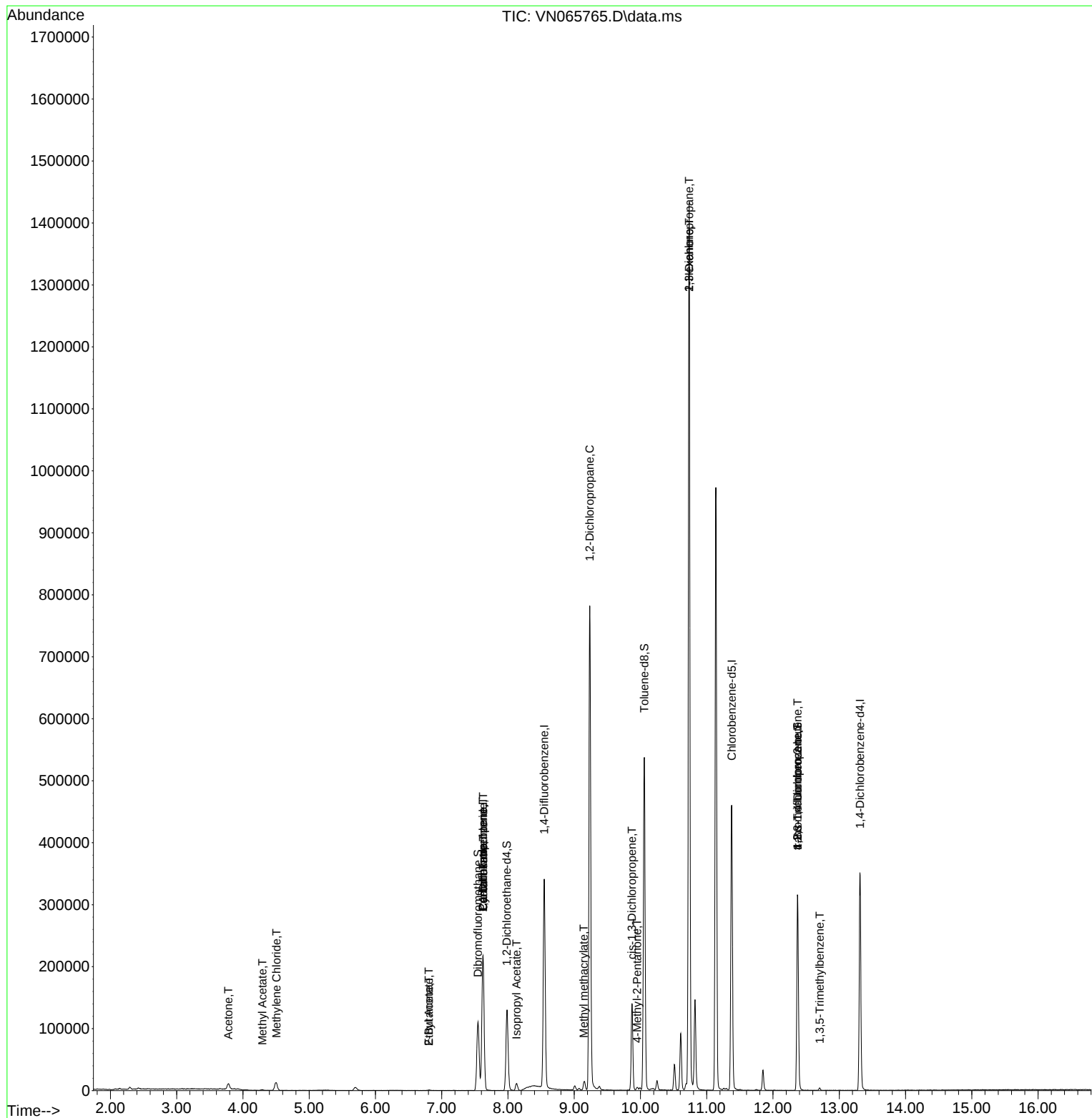
Internal Standards						
1) Pentafluorobenzene	7.624	168	188040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	315699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	284074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	102707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	108651	43.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.84%		
35) Dibromofluoromethane	7.547	113	91399	48.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.72%		
50) Toluene-d8	10.058	98	393667	53.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.06%		
62) 4-Bromofluorobenzene	12.370	95	126847	47.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.80%		
Target Compounds					Qvalue	
16) Acetone	3.779	43	14102	14.64	ug/l	97
18) Methyl Acetate	4.293	43	2115	0.78	ug/l #	62
20) Methylene Chloride	4.505	84	9929	3.72	ug/l	91
25) 2-Butanone	6.804	43	1830	1.21	ug/l #	46
31) Cyclohexane	7.624	56	3141	0.68	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	14232	4.48	ug/l #	47
37) Ethyl Acetate	6.804	43	1830	0.60	ug/l #	68
38) Carbon Tetrachloride	7.624	117	17236	6.59	ug/l #	17
43) Isopropyl Acetate	8.129	43	13952	2.58	ug/l #	92
45) 1,2-Dichloropropane	9.235	63	1063	0.40	ug/l #	44
48) Methyl methacrylate	9.145	41	3510	1.37	ug/l #	10
51) 4-Methyl-2-Pentanone	9.949	43	3649	1.22	ug/l	92
54) cis-1,3-Dichloropropene	9.872	75	28521	6.95	ug/l #	54
57) 1,3-Dichloropropane	10.733	76	15322	3.97	ug/l #	43
59) 2-Hexanone	10.733	43	194969	94.26	ug/l #	51
76) 1,2,3-Trichloropropane	12.370	75	56739	21.13	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	2999	0.39	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.370	75	56739	54.11	ug/l #	12

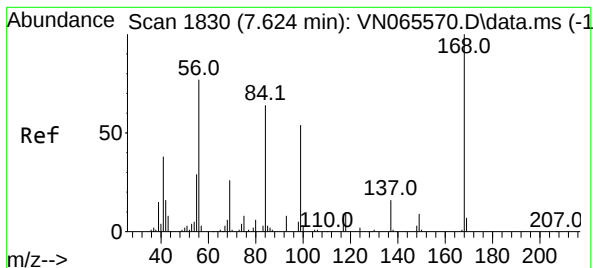
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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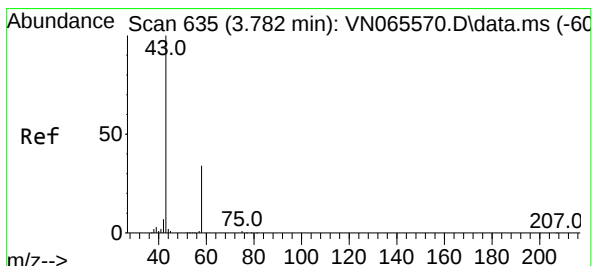
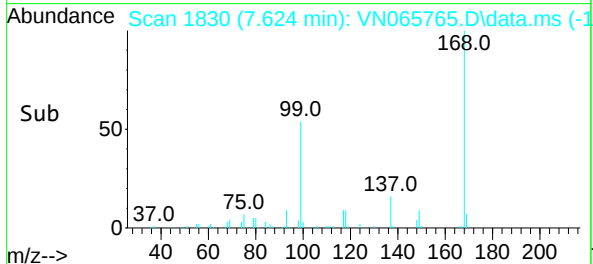
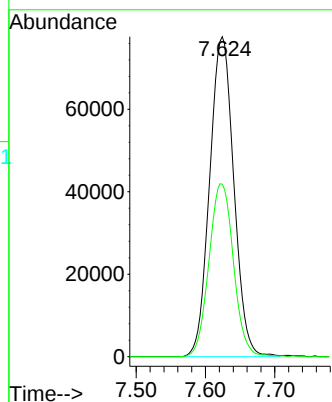
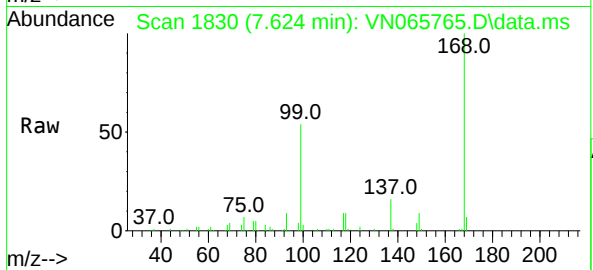




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

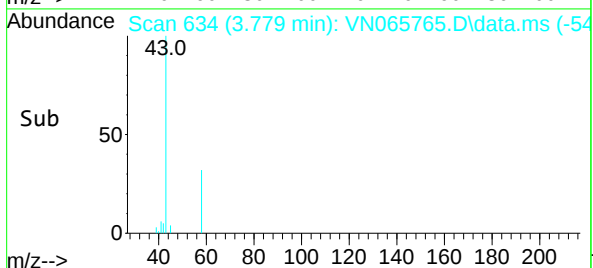
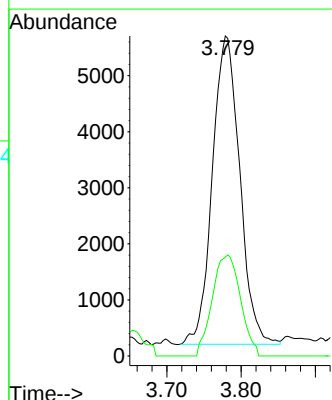
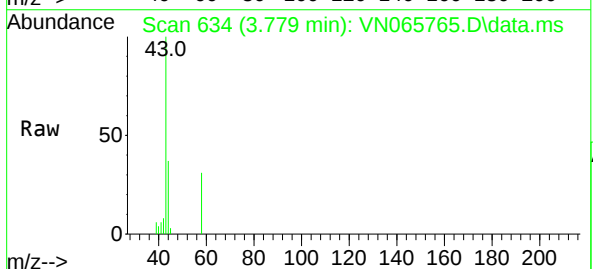
Instrument :
MSVOA_N
ClientSampleId :

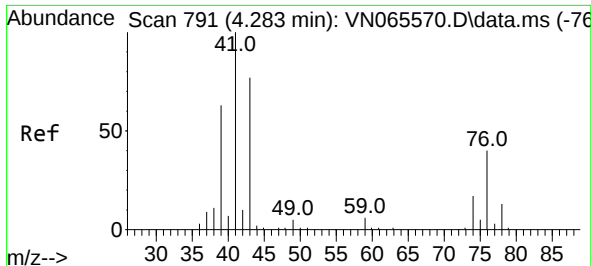
Tgt Ion:168 Resp: 188040
Ion Ratio Lower Upper
168 100
99 53.9 42.6 63.8



#16
Acetone
Concen: 14.64 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

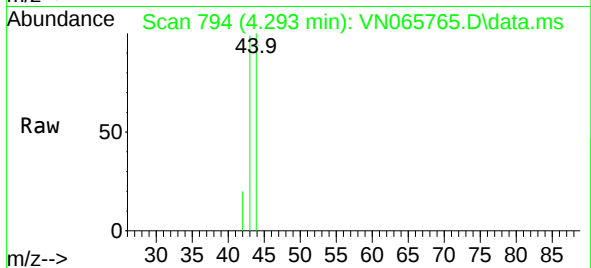
Tgt Ion: 43 Resp: 14102
Ion Ratio Lower Upper
43 100
58 32.0 27.0 40.6



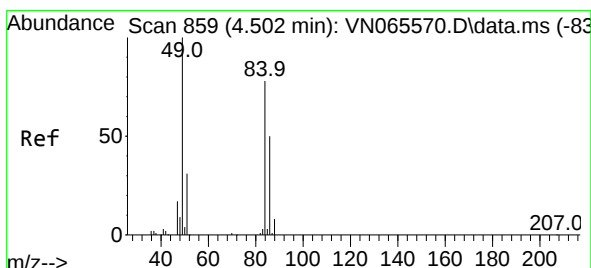
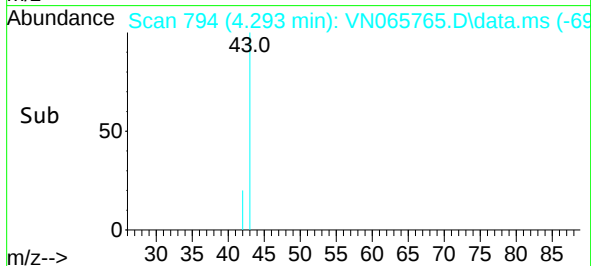
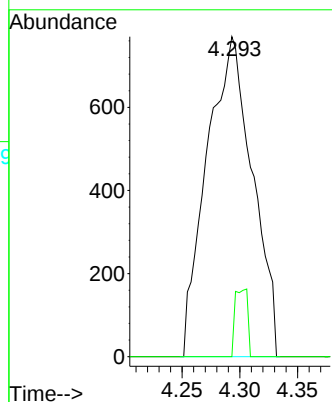


#18
Methyl Acetate
Concen: 0.78 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.010 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

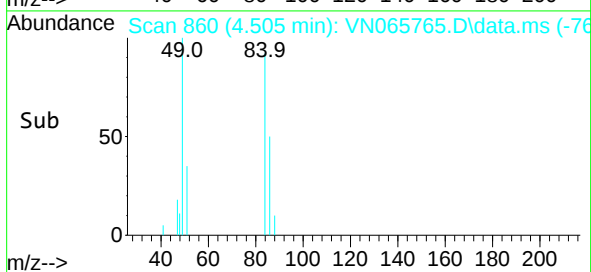
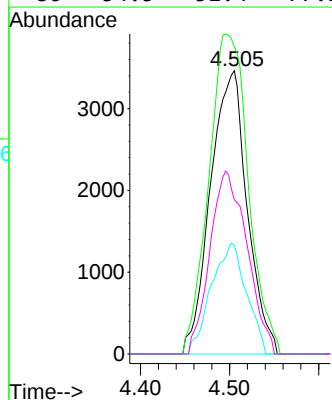
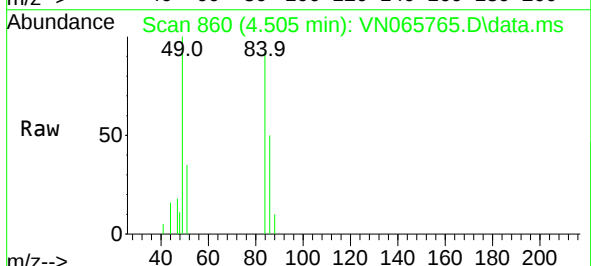


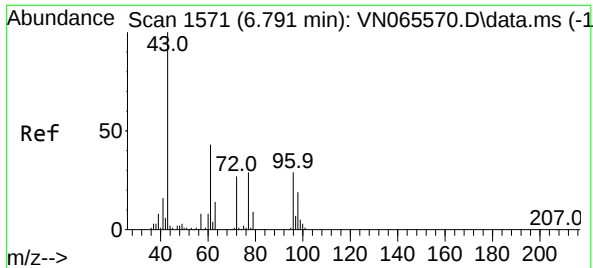
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
74 5.8 19.5 29.3#



#20
Methylene Chloride
Concen: 3.72 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

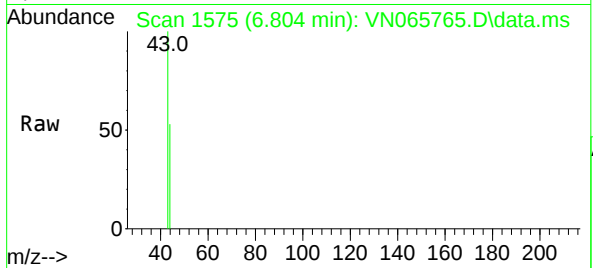
Tgt Ion: 84 Resp: 9929
Ion Ratio Lower Upper
84 100
49 108.5 94.6 141.8
51 38.4 29.9 44.9
86 54.5 51.4 77.2



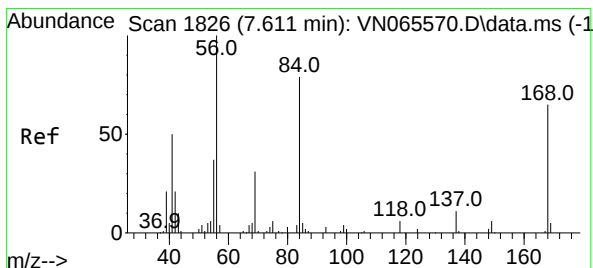
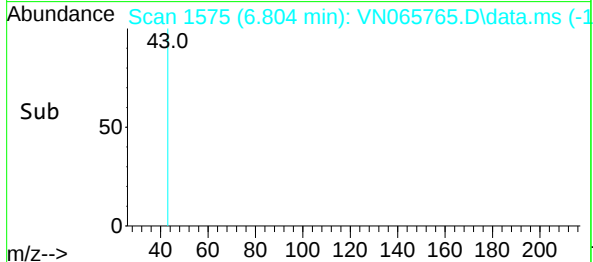
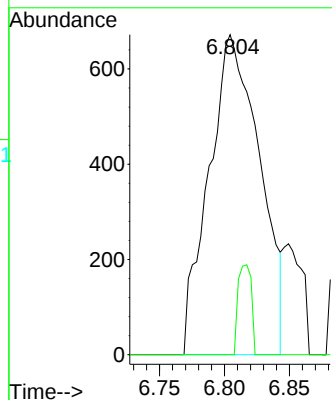


#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.013 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

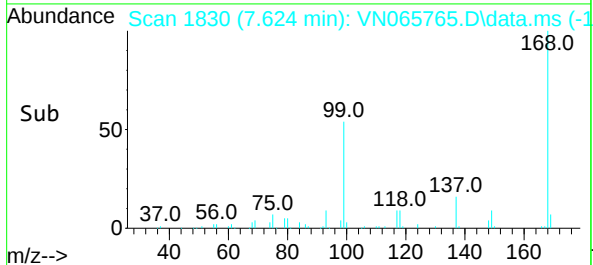
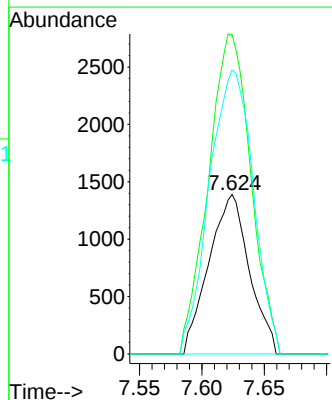
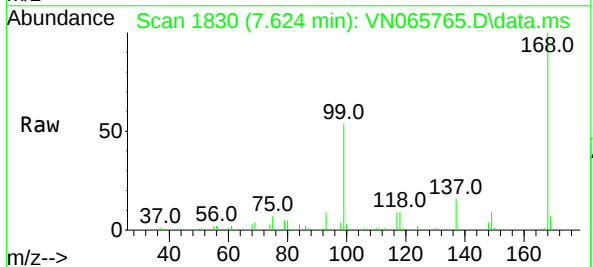


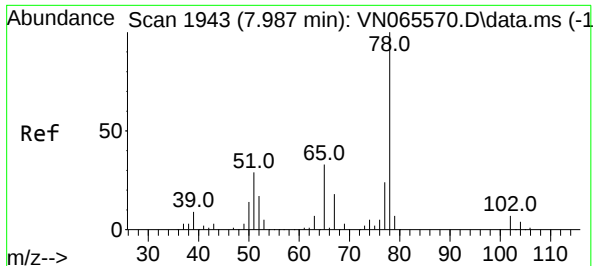
Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 200.3 26.6 39.8#
84 178.2 70.4 105.6#



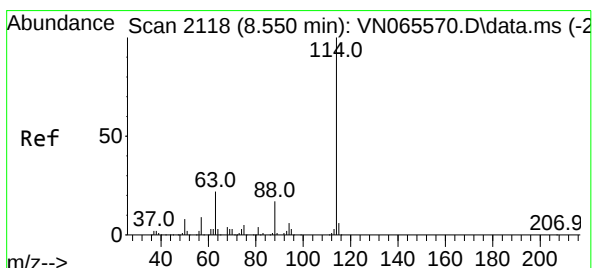
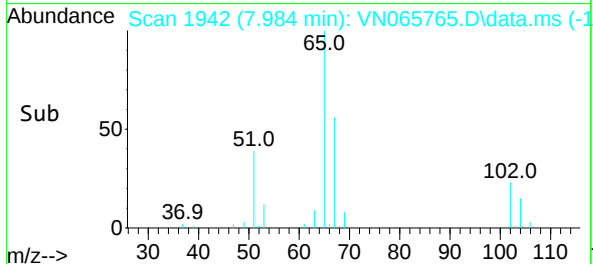
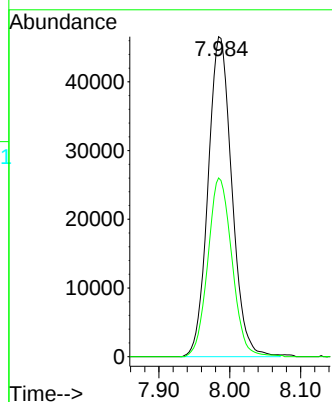
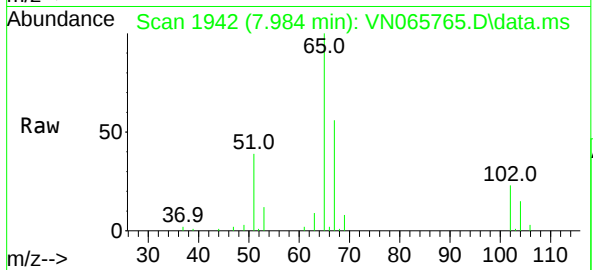


#33

1,2-Dichloroethane-d4
Concen: 43.92 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

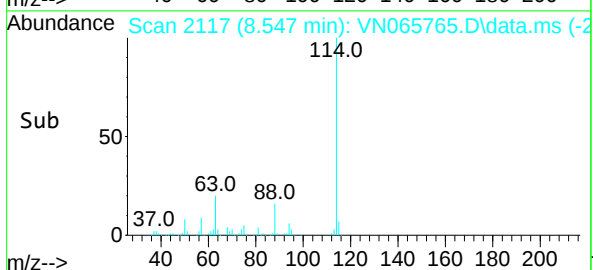
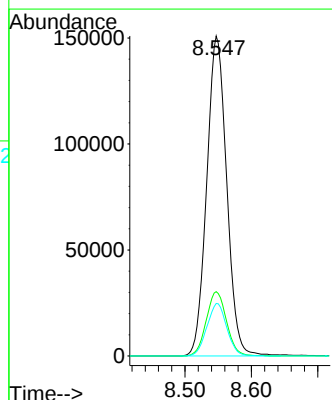
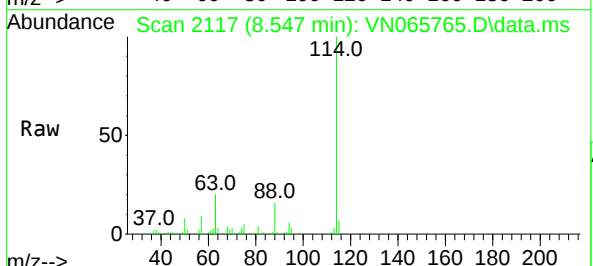
Tgt Ion: 65 Resp: 108651
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2

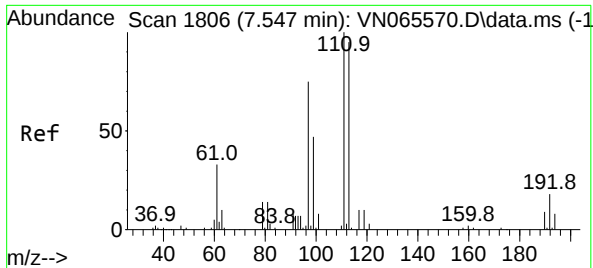


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 114 Resp: 315699
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.6
88 16.4 0.0 30.6

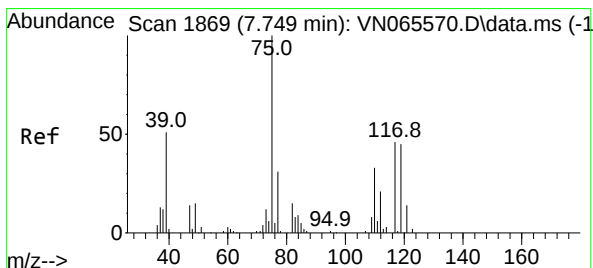
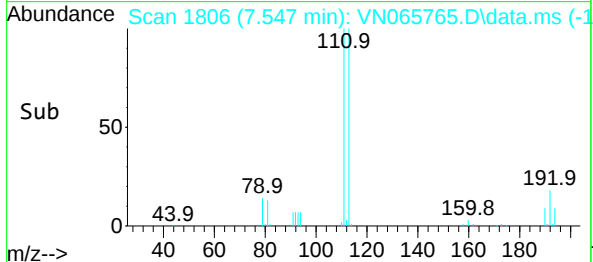
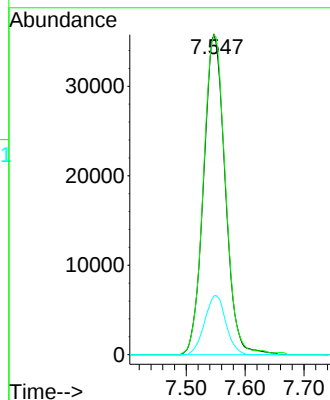
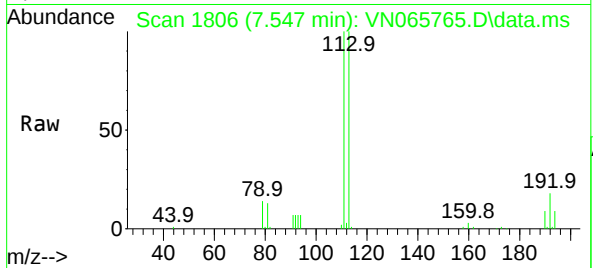




#35
Dibromofluoromethane
Concen: 48.86 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

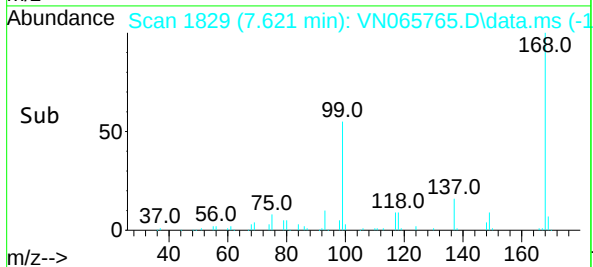
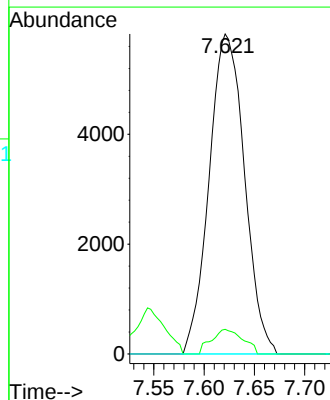
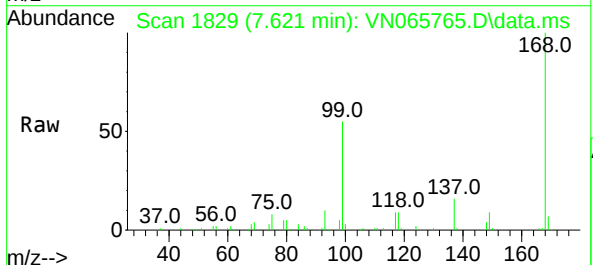
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MSVOA_N
ClientSampleId :

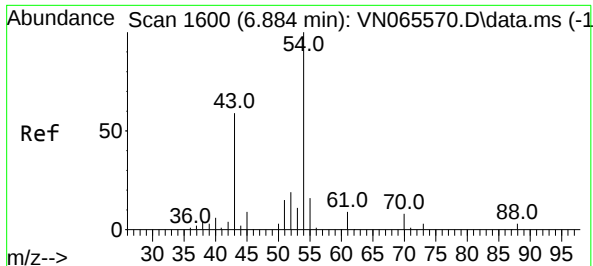
Tgt Ion:113 Resp: 91399
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 75 Resp: 14232
Ion Ratio Lower Upper
75 100
110 6.9 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 0.60 ug/l

RT: 6.804 min Scan# 1575

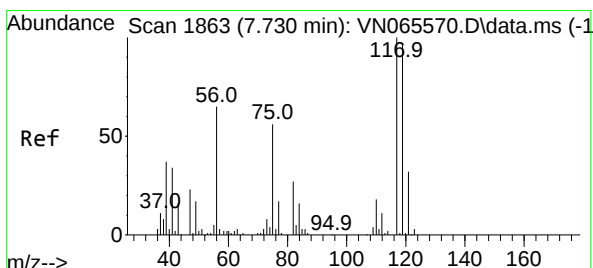
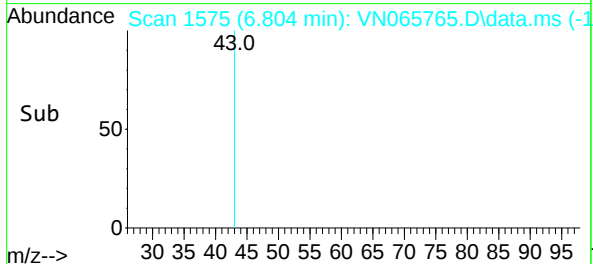
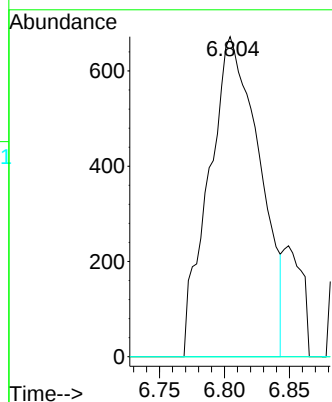
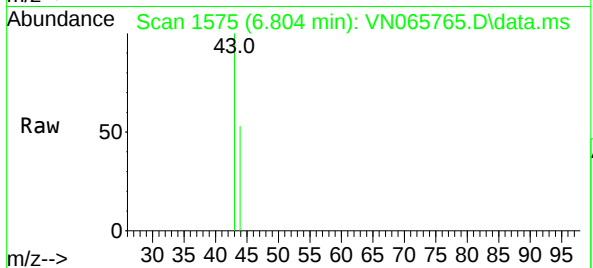
Delta R.T. -0.080 min

Lab File: VN065765.D

Acq: 8 Feb 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43	Resp: 1830
Ion Ratio	Lower Upper
43 100	
61 0.0	11.6 17.4#
70 0.0	8.6 13.0#



#38

Carbon Tetrachloride

Concen: 6.59 ug/l

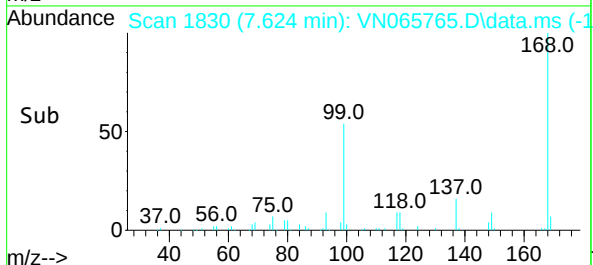
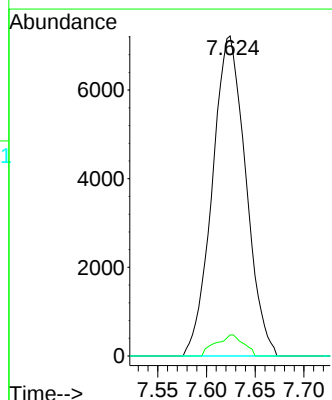
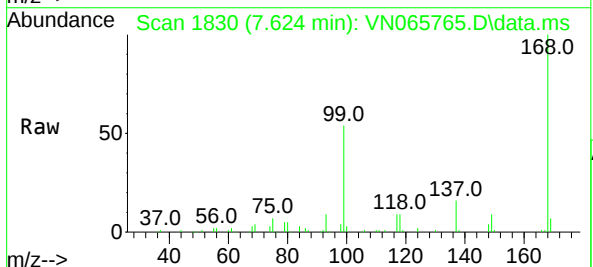
RT: 7.624 min Scan# 1830

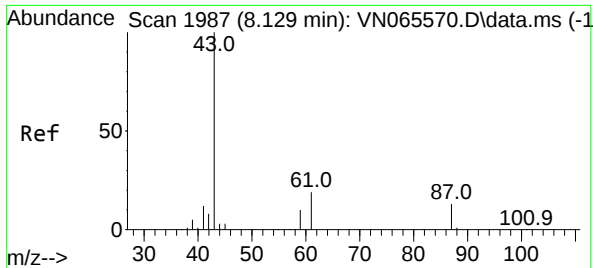
Delta R.T. -0.106 min

Lab File: VN065765.D

Acq: 8 Feb 2021 19:18

Tgt Ion: 117	Resp: 17236
Ion Ratio	Lower Upper
117 100	
119 6.6	76.0 114.0#
121 0.0	24.5 36.7#

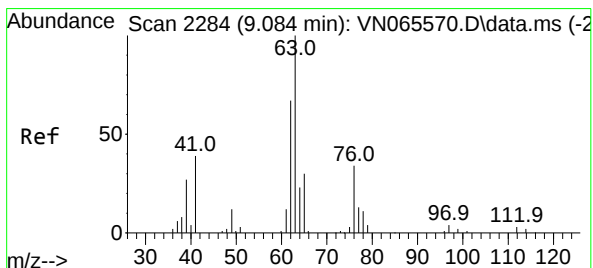
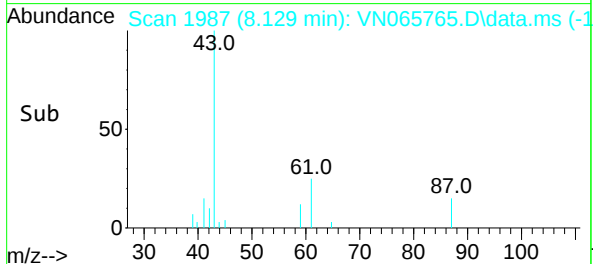
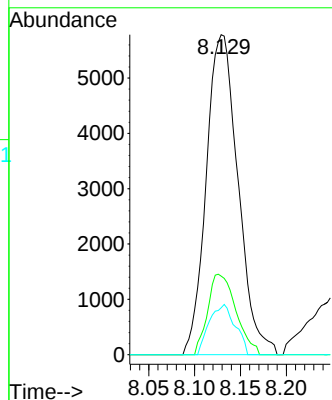
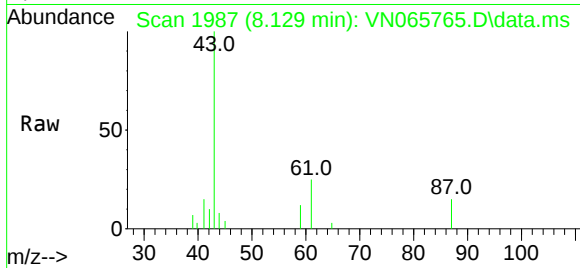




#43
Isopropyl Acetate
Concen: 2.58 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

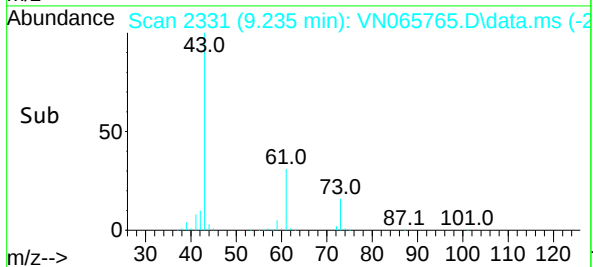
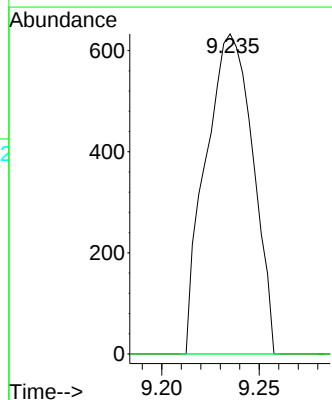
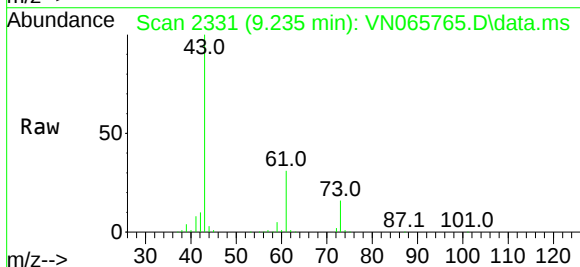
Instrument :
MSVOA_N
ClientSampled :

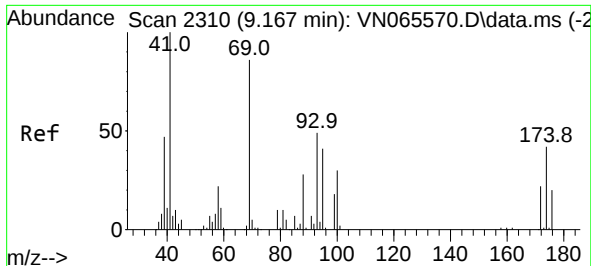
Tgt Ion: 43 Resp: 13952
Ion Ratio Lower Upper
43 100
61 22.4 22.5 33.7#
87 12.8 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.40 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 63 Resp: 1063
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

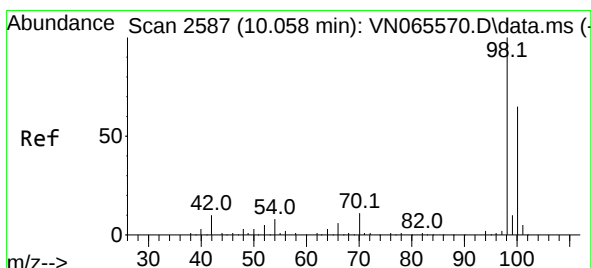
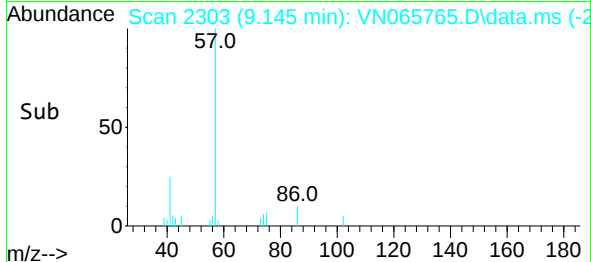
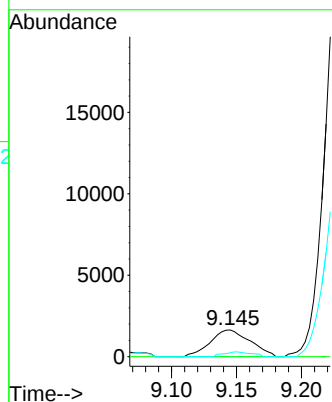
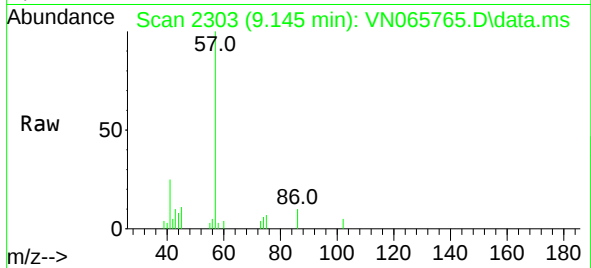




#48
Methyl methacrylate
Concen: 1.37 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

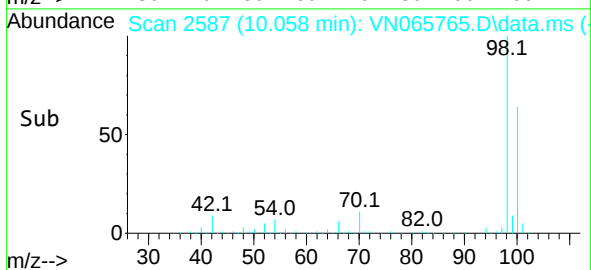
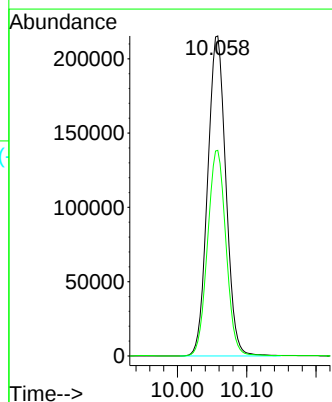
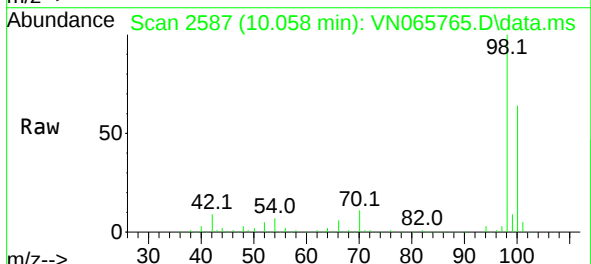
Instrument :
MSVOA_N
ClientSampled :

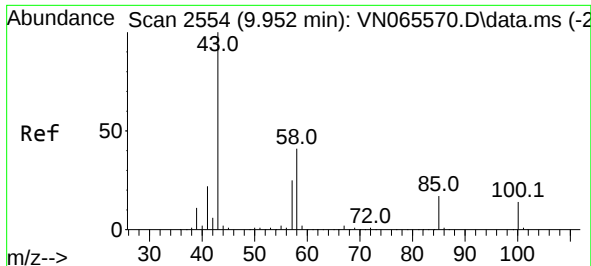
Tgt Ion: 41 Resp: 3510
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.53 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 98 Resp: 393667
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

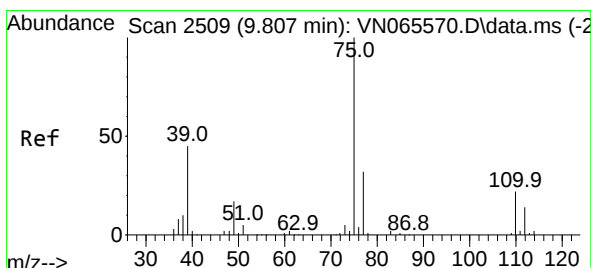
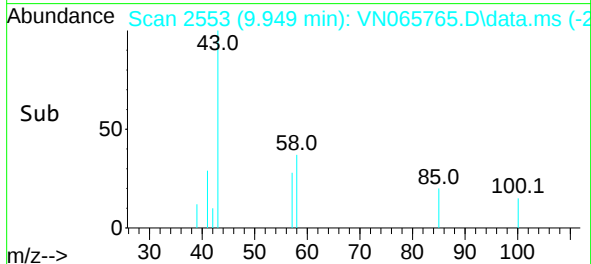
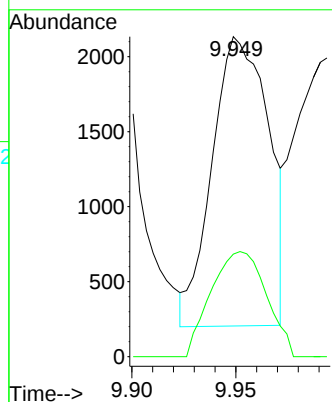
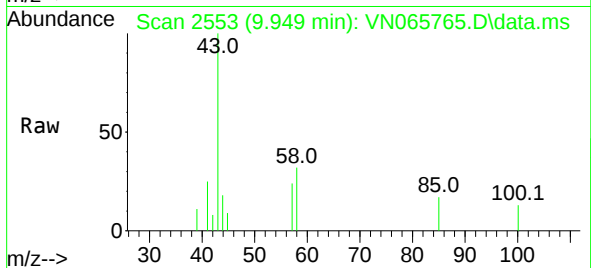




#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

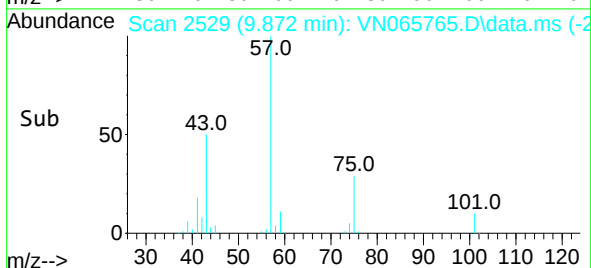
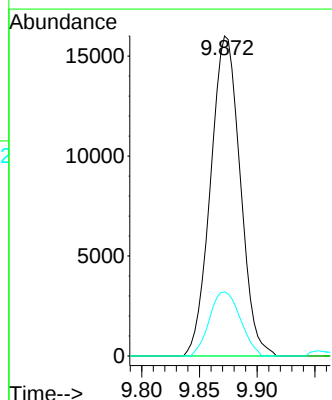
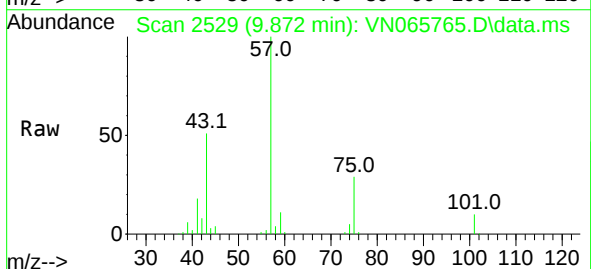
Instrument :
MSVOA_N
ClientSampled :

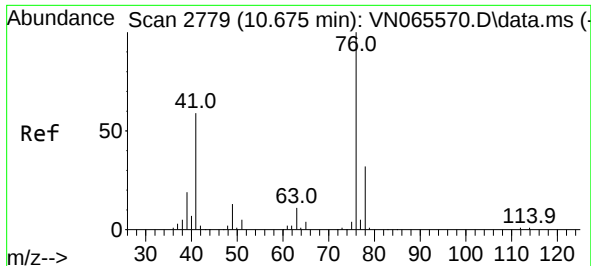
Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
58 35.6 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.95 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 75 Resp: 28521
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 20.0 36.2 54.4#

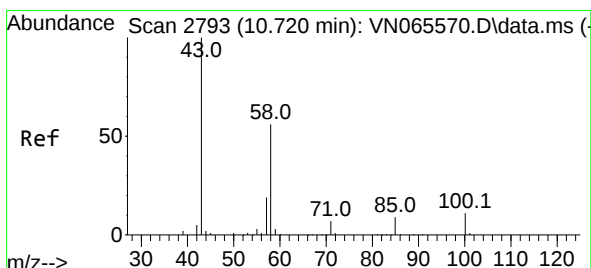
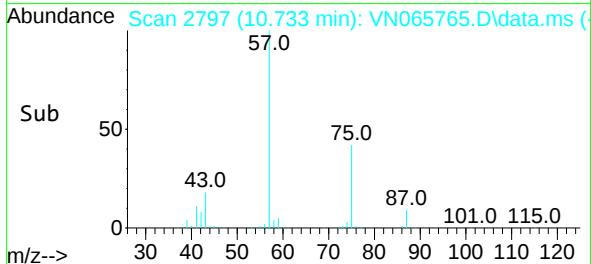
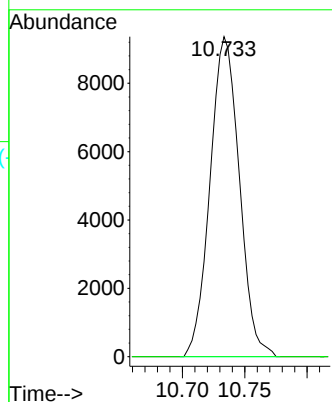
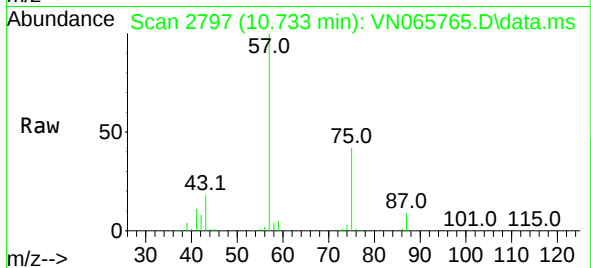




#57
1,3-Dichloropropane
Concen: 3.97 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

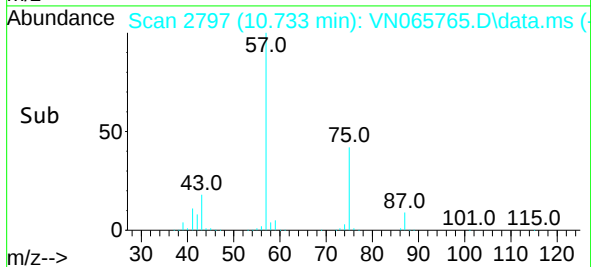
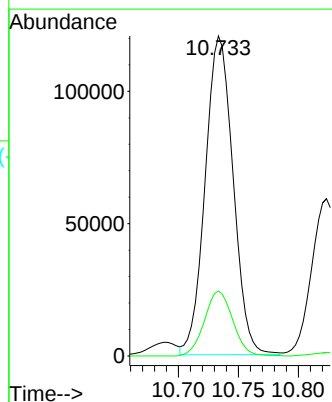
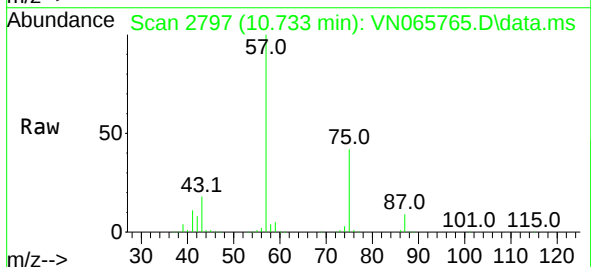
Instrument :
MSVOA_N
ClientSampled :

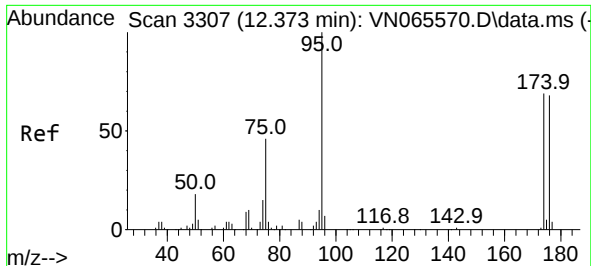
Tgt Ion: 76 Resp: 15322
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 94.26 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 43 Resp: 194969
Ion Ratio Lower Upper
43 100
58 20.7 28.1 84.3#

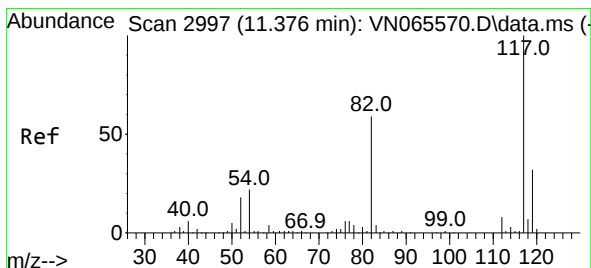
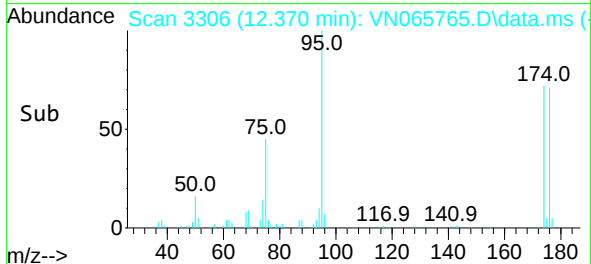
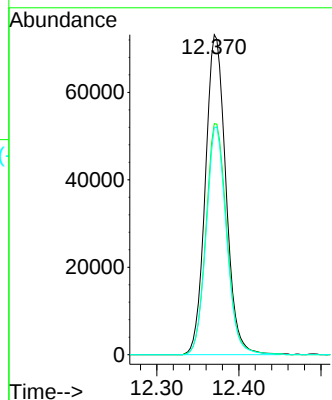
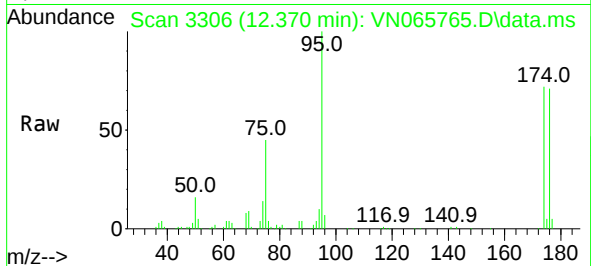




#62
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

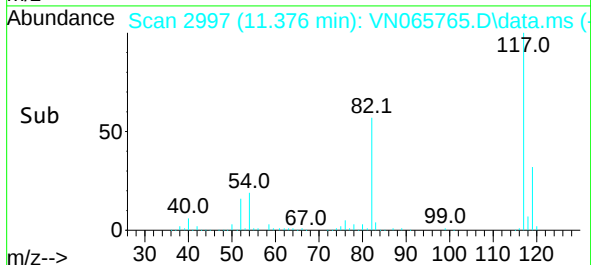
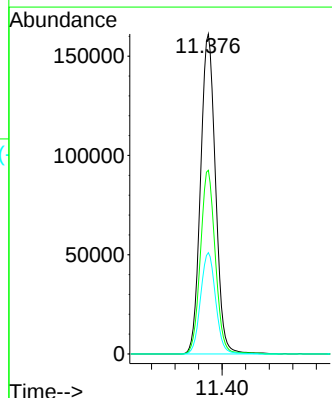
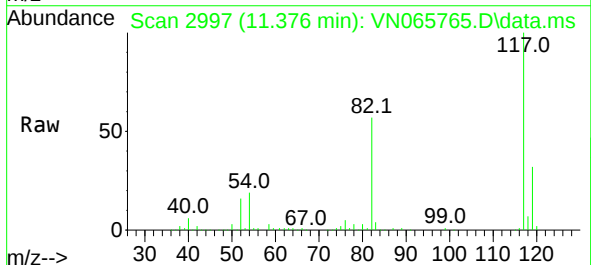
Instrument :
MSVOA_N
ClientSampleId :

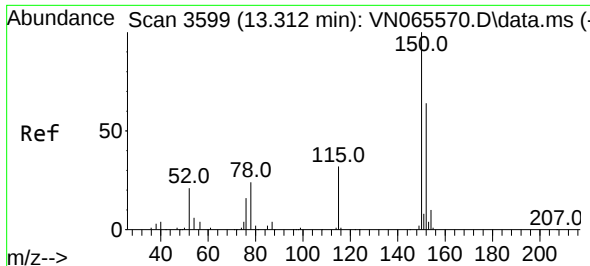
Tgt Ion: 95 Resp: 126847
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.0
176 70.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 117 Resp: 284074
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.7 26.1 39.1

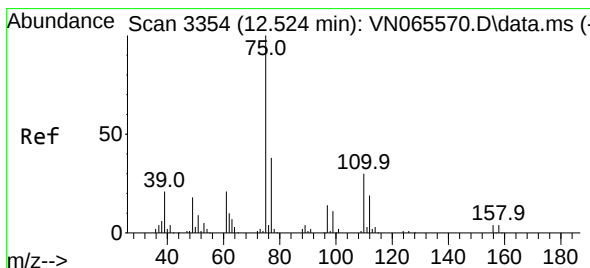
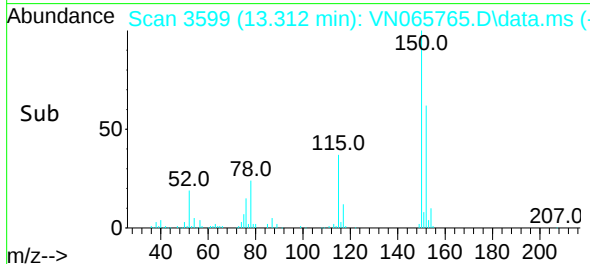
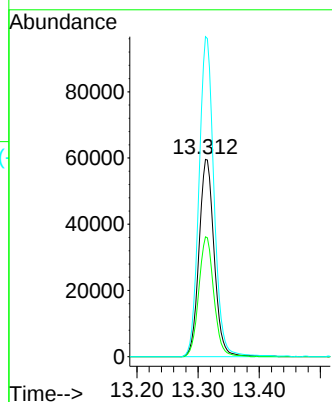
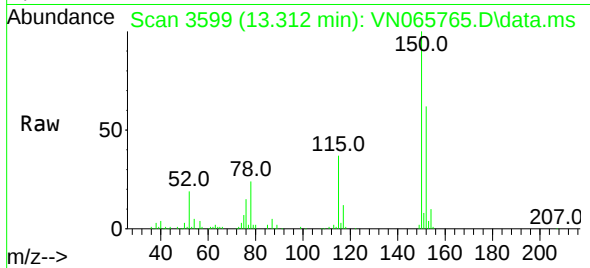




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

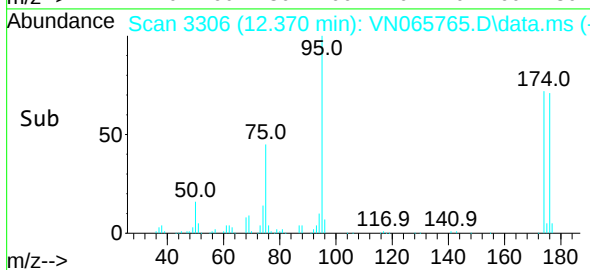
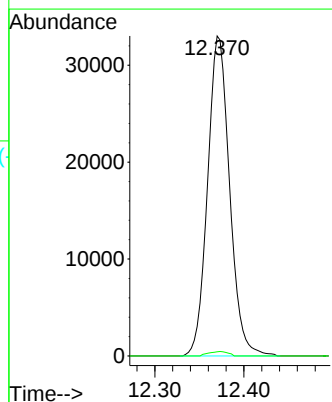
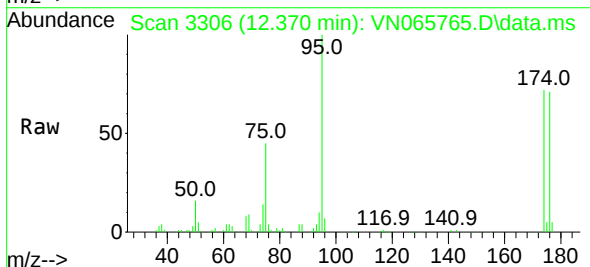
Instrument :
MSVOA_N
ClientSampled :

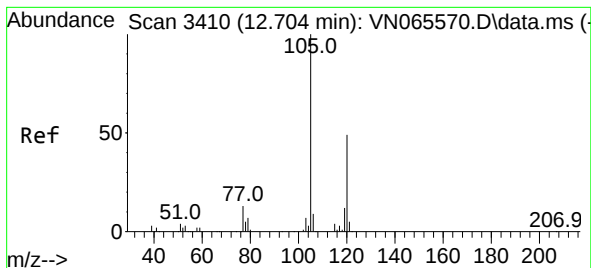
Tgt Ion:152 Resp: 102707
Ion Ratio Lower Upper
152 100
115 60.4 28.5 85.6
150 160.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 75 Resp: 56739
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

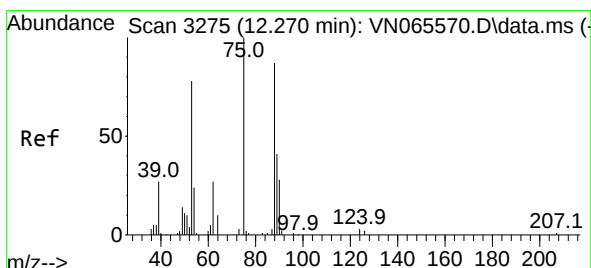
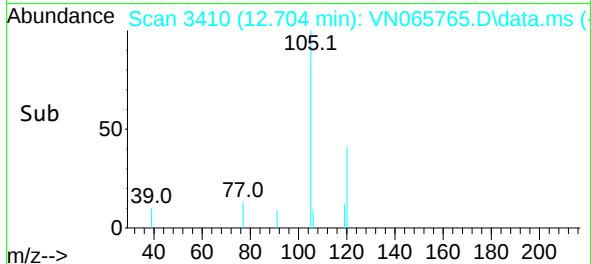
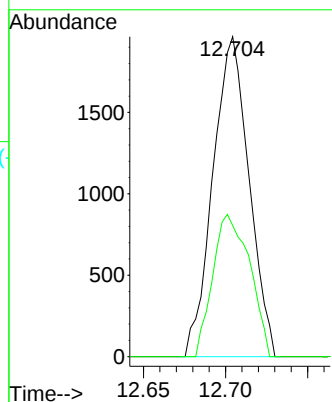
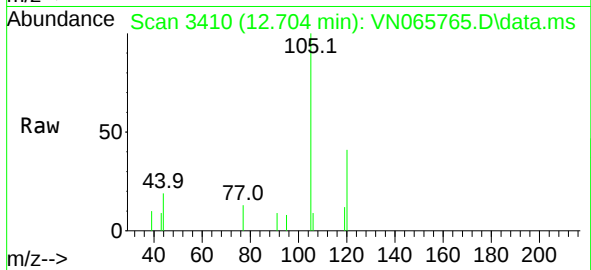




#80
1,3,5-Trimethylbenzene
Concen: 0.39 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:105 Resp: 2999
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 54.11 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065765.D
Acq: 8 Feb 2021 19:18

Tgt Ion: 75 Resp: 56739
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

