

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065581.D
 Acq On : 25 Jan 2021 16:57
 Operator : JC/MD
 Sample : PB134285ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 26 01:48:07 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)

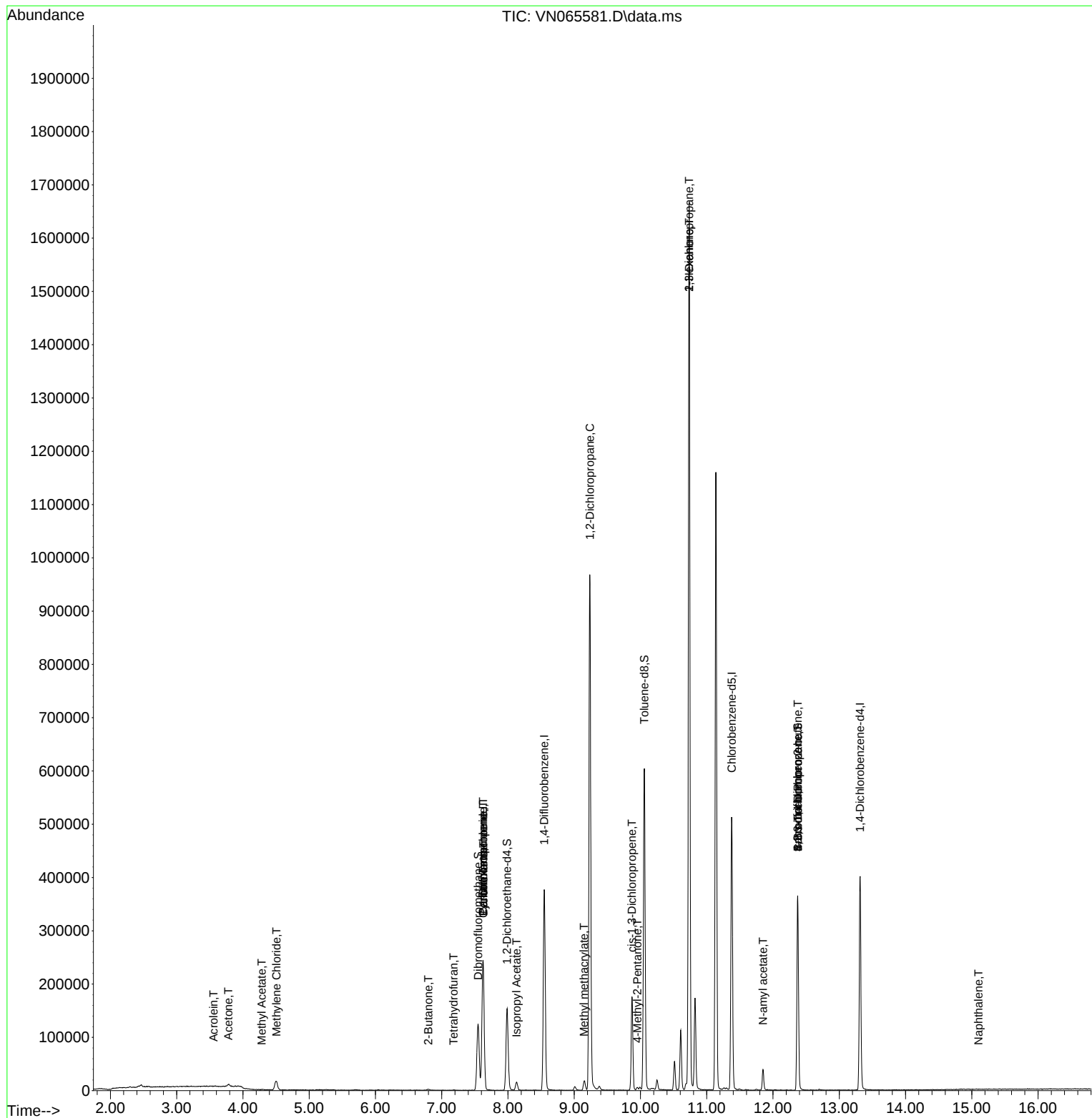
Internal Standards						
1) Pentafluorobenzene	7.624	168	199702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	347613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	303456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	111659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	127595	48.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.14%		
35) Dibromofluoromethane	7.550	113	100801	48.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.86%		
50) Toluene-d8	10.058	98	430149	53.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.24%		
62) 4-Bromofluorobenzene	12.373	95	144965	49.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.44%		
Target Compounds						Qvalue
13) Acrolein	3.557	56	81	18.26	ug/l #	53
16) Acetone	3.779	43	6540	6.39	ug/l	99
18) Methyl Acetate	4.283	43	804	0.28	ug/l #	51
20) Methylene Chloride	4.505	84	12595	4.45	ug/l	94
25) 2-Butanone	6.798	43	651	0.41	ug/l #	46
29) Tetrahydrofuran	7.180	42	382	0.33	ug/l #	32
31) Cyclohexane	7.627	56	4479	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16354	4.68	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19285	6.70	ug/l #	17
43) Isopropyl Acetate	8.129	43	19086	3.21	ug/l #	86
45) 1,2-Dichloropropane	9.238	63	1235	0.42	ug/l #	44
48) Methyl methacrylate	9.148	41	5034	1.78	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3216	0.98	ug/l	98
54) cis-1,3-Dichloropropene	9.872	75	33781	7.48	ug/l #	56
57) 1,3-Dichloropropane	10.733	76	17611	4.15	ug/l #	43
59) 2-Hexanone	10.733	43	239495	105.16	ug/l #	50
71) Bromoform	12.373	173	371	0.24	ug/l #	1
74) N-amyl acetate	11.849	43	12496	3.02	ug/l #	52
76) 1,2,3-Trichloropropane	12.373	75	69141	23.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	69141	60.65	ug/l #	12
95) Naphthalene	15.103	128	232	3.48	ug/l #	69

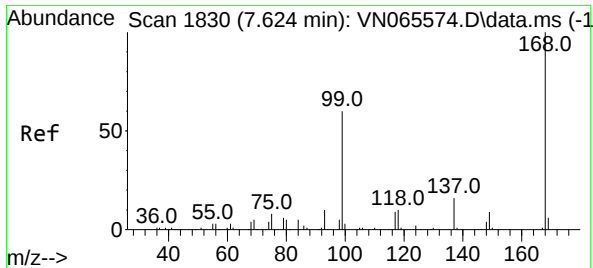
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

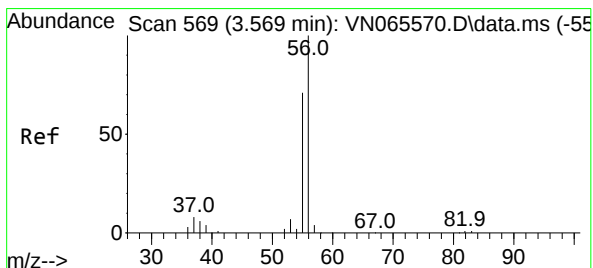
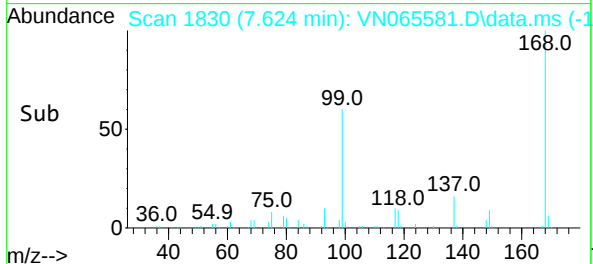
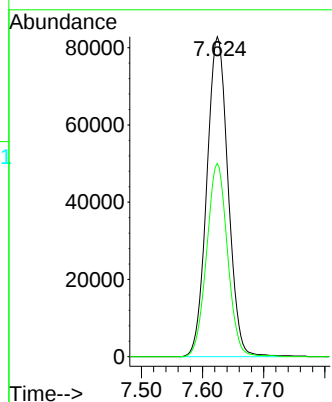
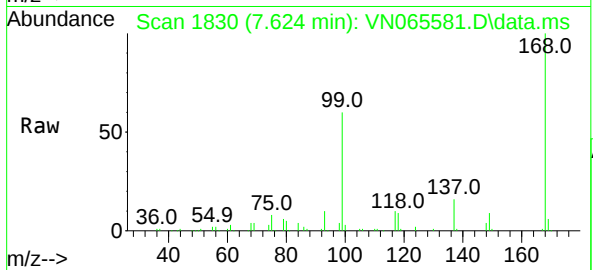




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

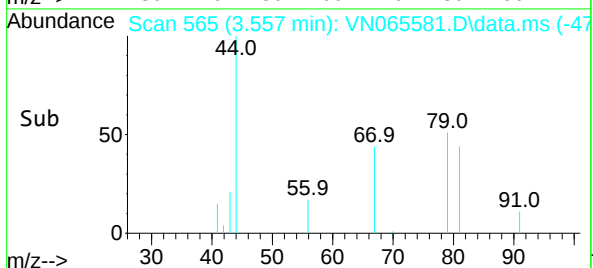
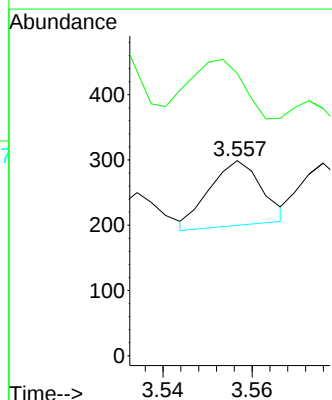
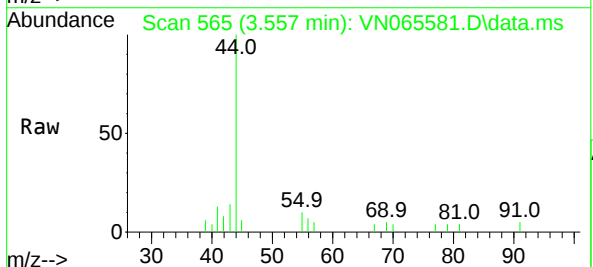
Instrument :
MSVOA_N
ClientSampled :

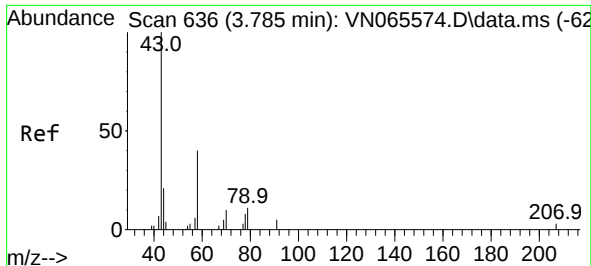
Tgt Ion:168 Resp: 199702
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#13
Acrolein
Concen: 18.26 ug/l
RT: 3.557 min Scan# 565
Delta R.T. -0.012 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 108.6 56.0 84.0#

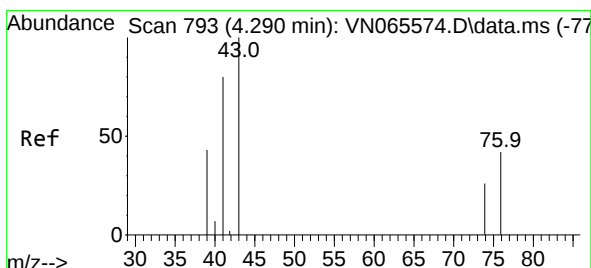
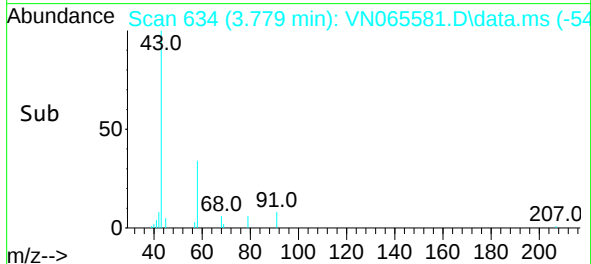
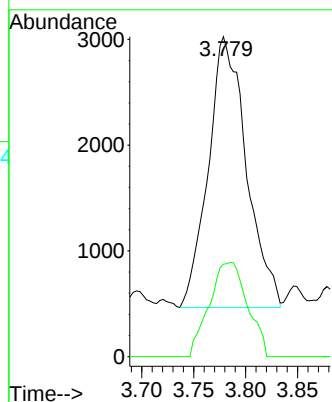
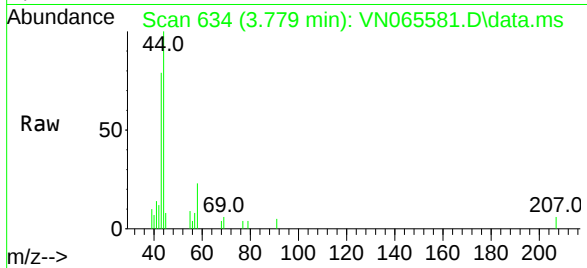




#16
Acetone
Concen: 6.39 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

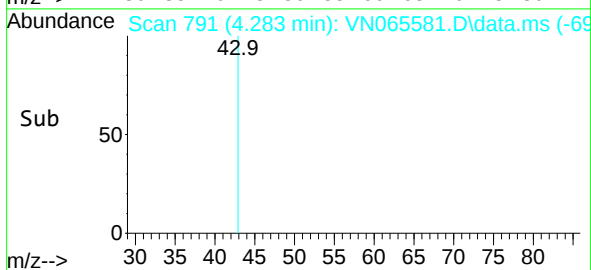
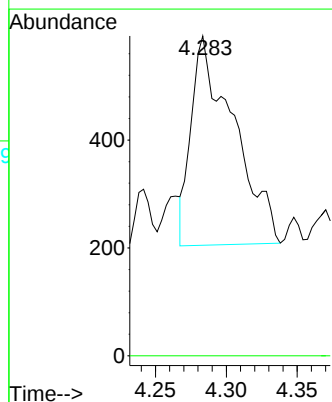
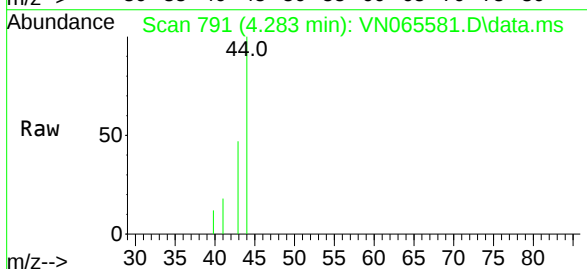
Instrument :
MSVOA_N
ClientSampleId :

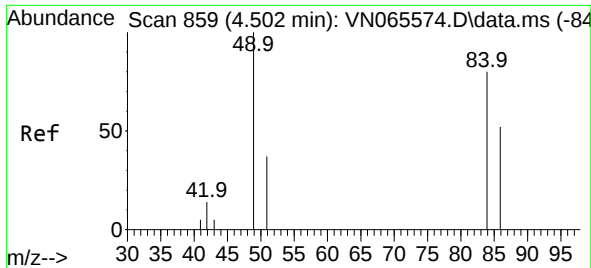
Tgt Ion: 43 Resp: 6540
Ion Ratio Lower Upper
43 100
58 34.1 27.0 40.6



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 4.283 min Scan# 791
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

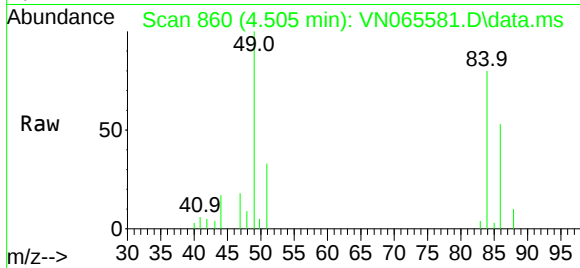
Tgt Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



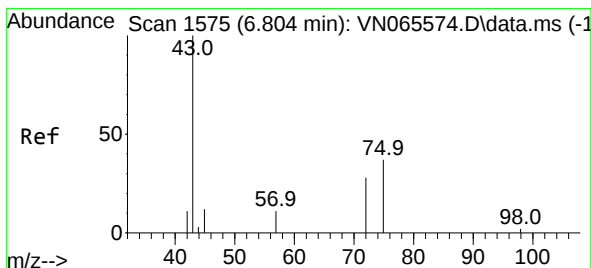
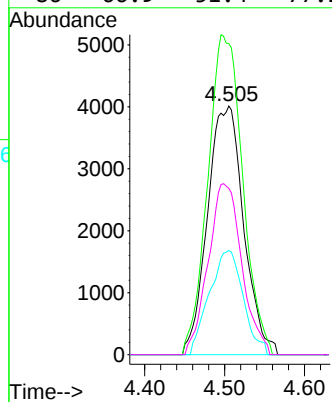
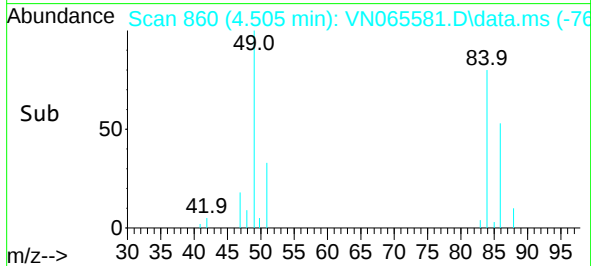


#20
Methylene Chloride
Concen: 4.45 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

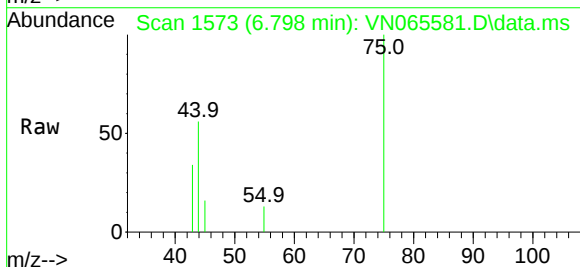
Instrument :
MSVOA_N
ClientSampled :



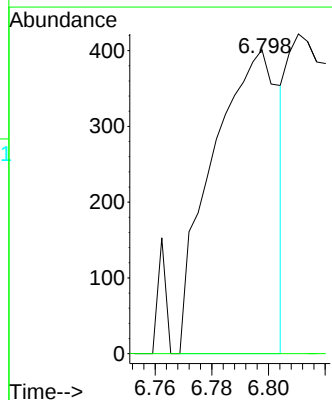
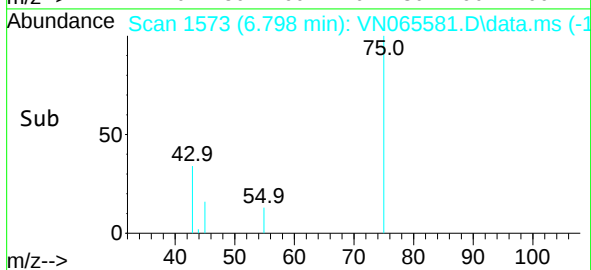
Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	94.6	141.8
51	41.9	29.9	44.9
86	66.9	51.4	77.2

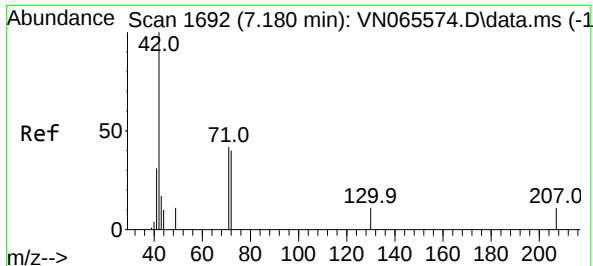


#25
2-Butanone
Concen: 0.41 ug/l
RT: 6.798 min Scan# 1573
Delta R.T. 0.007 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57



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





#29

Tetrahydrofuran

Concen: 0.33 ug/l

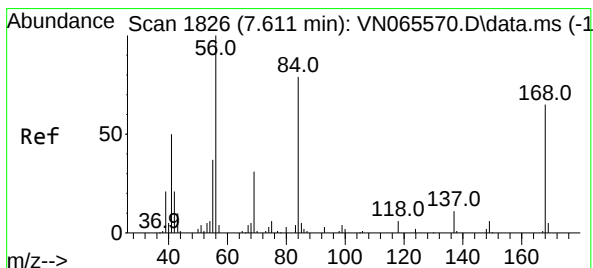
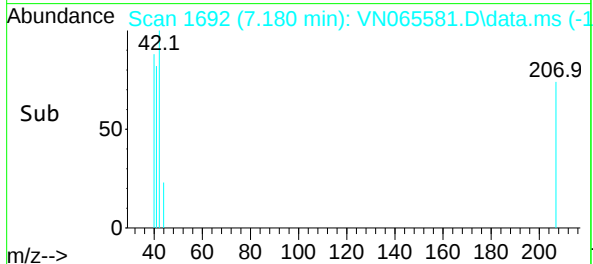
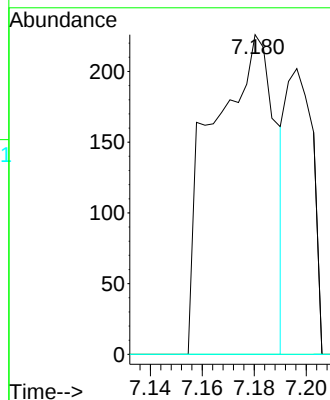
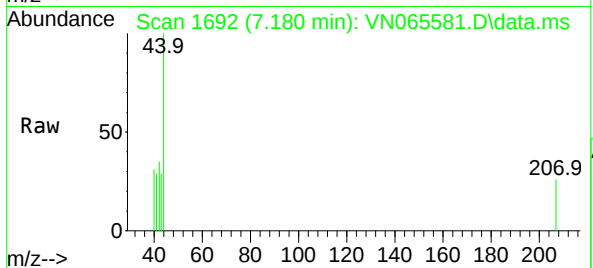
RT: 7.180 min Scan# 1692

Delta R.T. 0.009 min

Lab File: VN065581.D

Acq: 25 Jan 2021 16:57

Tgt Ion:	42	Resp:	382
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	55.0#
71	0.0	34.3	51.5#



#31

Cyclohexane

Concen: 0.91 ug/l

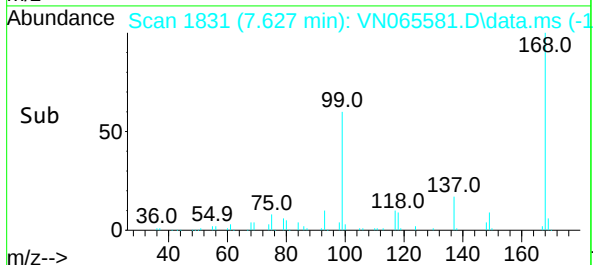
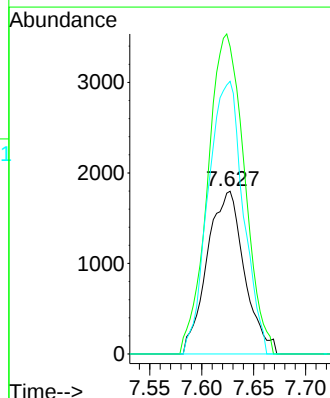
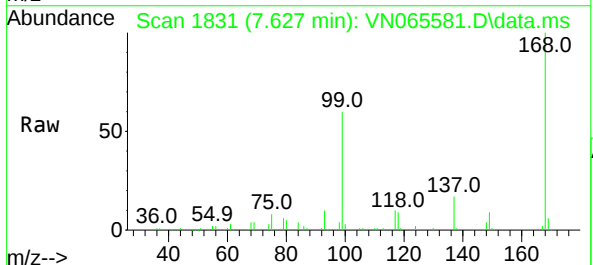
RT: 7.627 min Scan# 1831

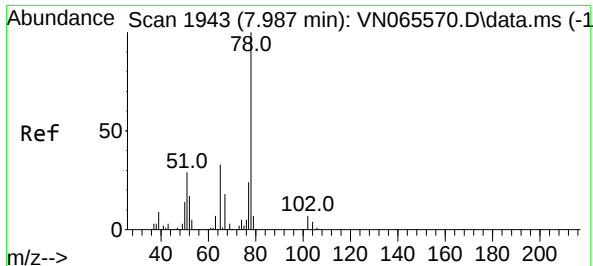
Delta R.T. 0.016 min

Lab File: VN065581.D

Acq: 25 Jan 2021 16:57

Tgt Ion:	56	Resp:	4479
Ion	Ratio	Lower	Upper
56	100		
69	188.7	26.6	39.8#
84	167.5	70.4	105.6#

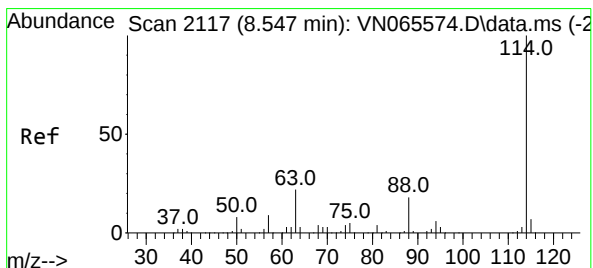
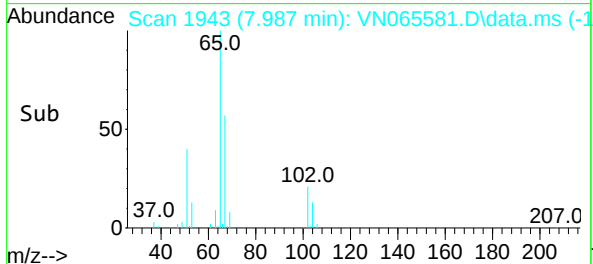
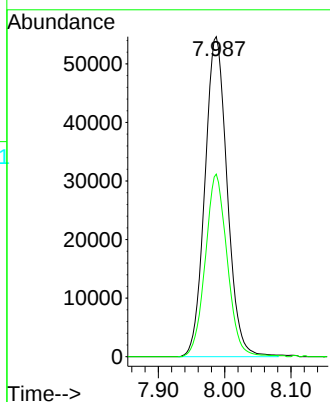
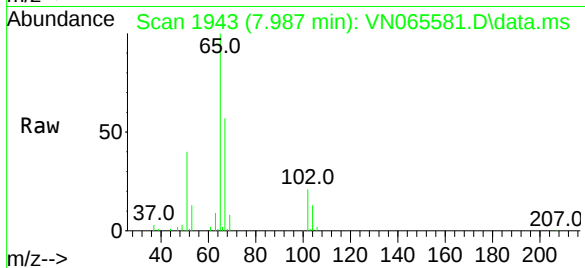




#33
1,2-Dichloroethane-d4
Concen: 48.57 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

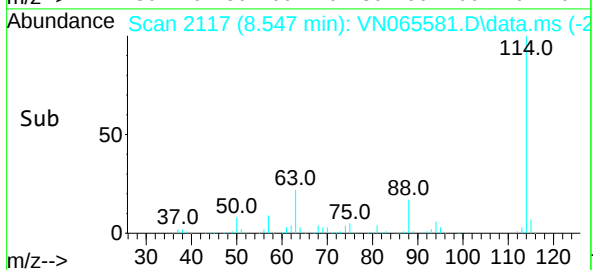
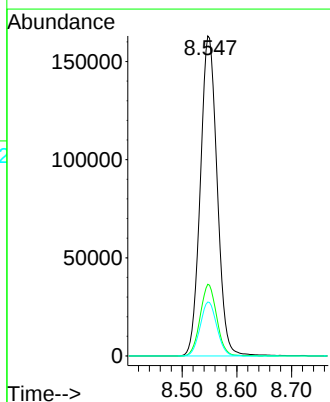
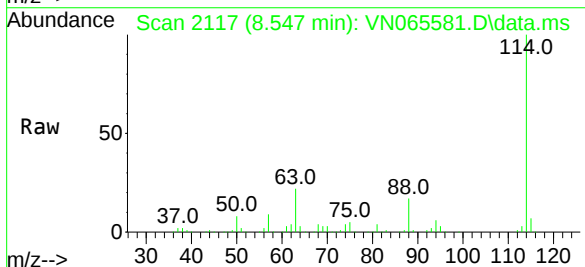
Instrument :
MSVOA_N
ClientSampled :

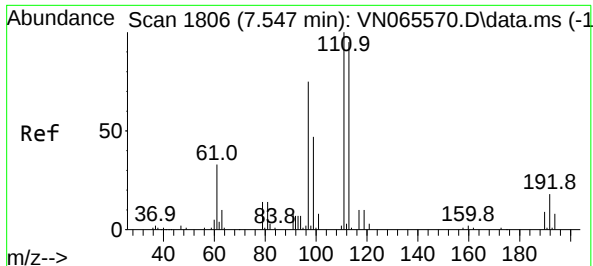
Tgt Ion: 65 Resp: 127595
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 114 Resp: 347613
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 16.9 0.0 30.6



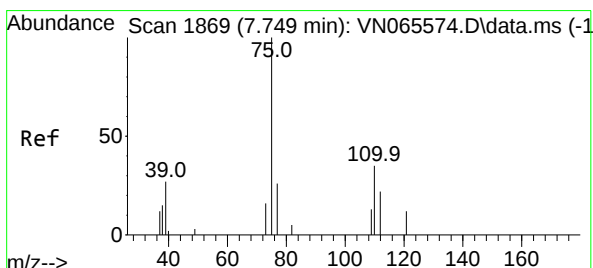
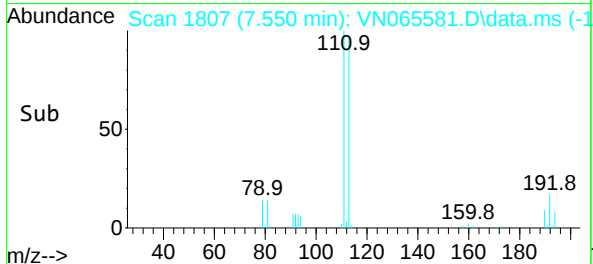
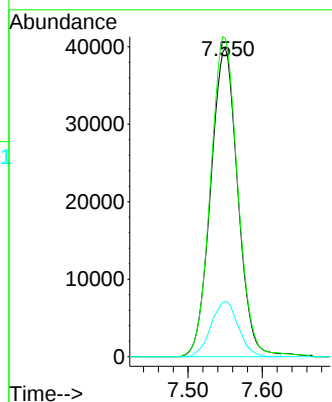
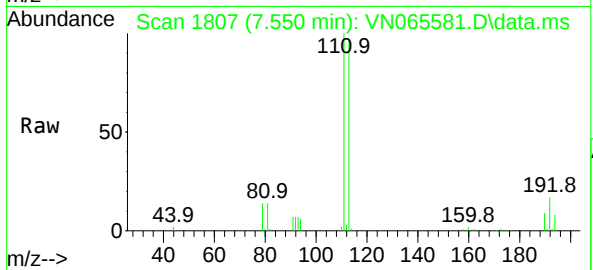


#35

Dibromofluoromethane
Concen: 48.93 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Instrument :
MSVOA_N
ClientSampleId :

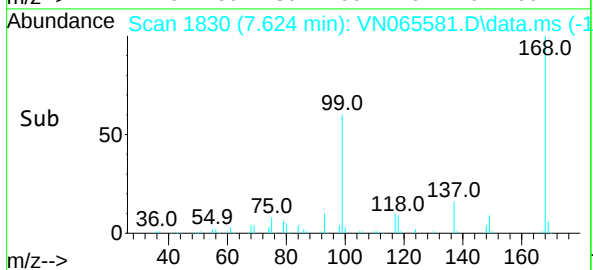
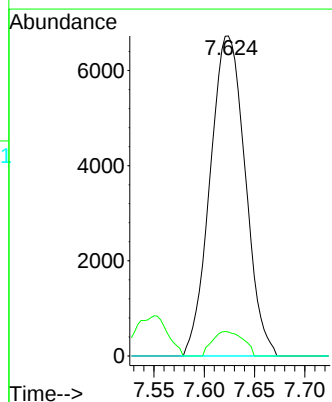
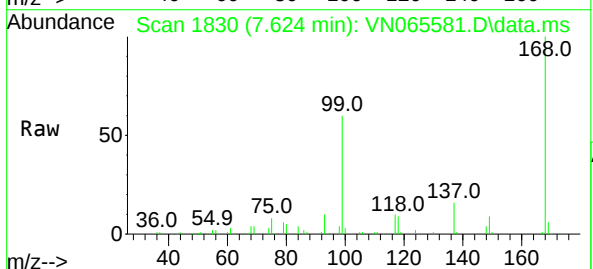
Tgt Ion:113 Resp: 100801
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.2
192 18.0 15.4 23.0

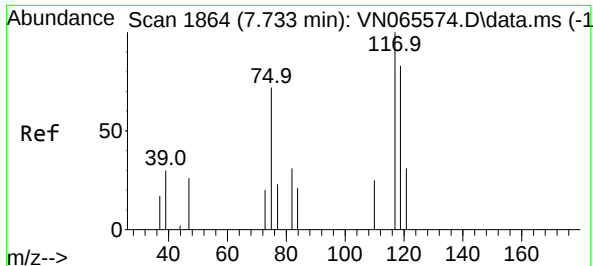


#36

1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

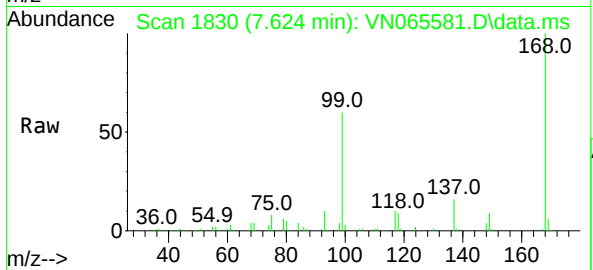
Tgt Ion: 75 Resp: 16354
Ion Ratio Lower Upper
75 100
110 6.7 18.2 54.6#
77 0.0 24.9 37.3#



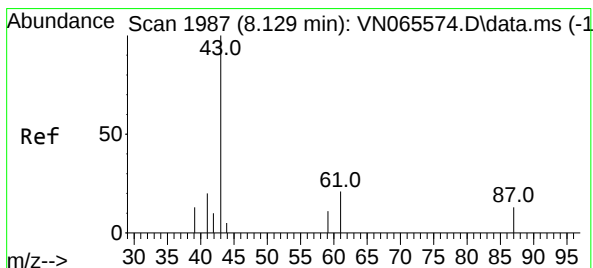
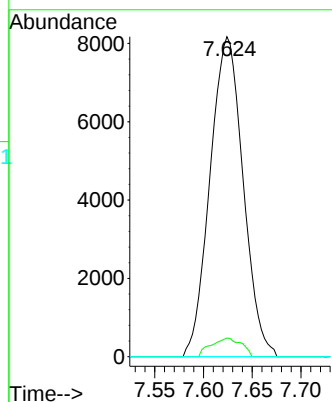
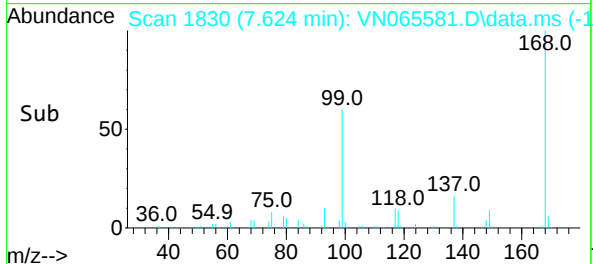


#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

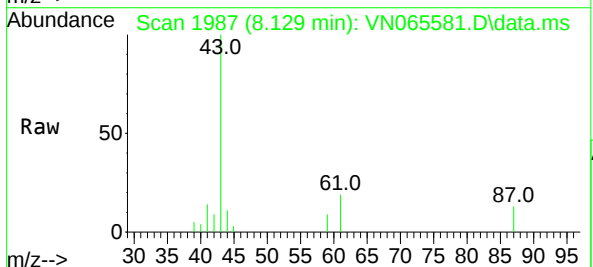
Instrument :
MSVOA_N
ClientSampled :



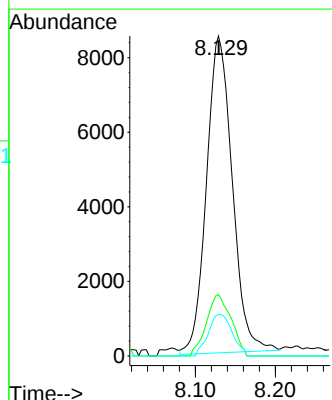
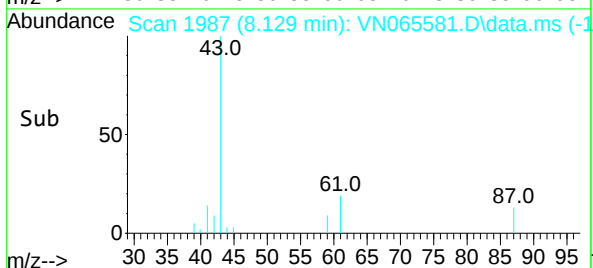
Tgt Ion:117 Resp: 19285
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

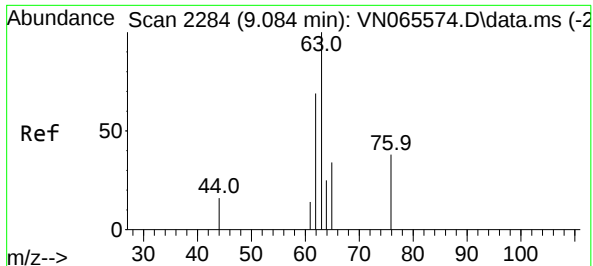


#43
Isopropyl Acetate
Concen: 3.21 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57



Tgt Ion: 43 Resp: 19086
Ion Ratio Lower Upper
43 100
61 18.6 22.5 33.7#
87 12.2 11.1 16.7



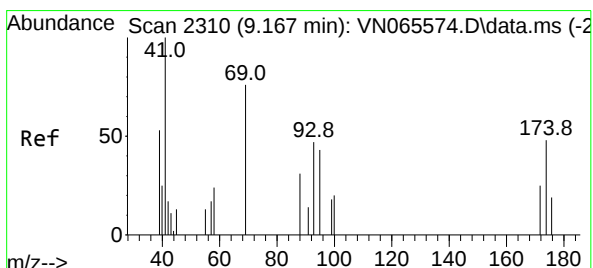
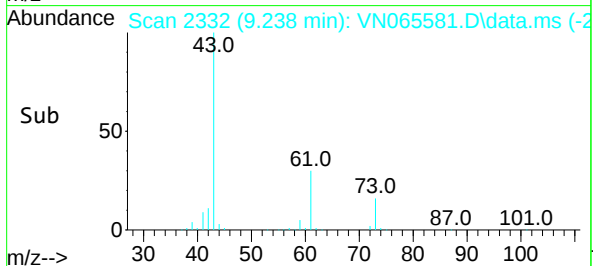
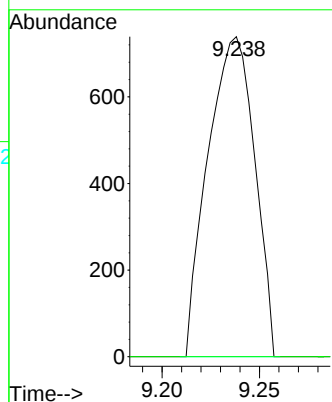
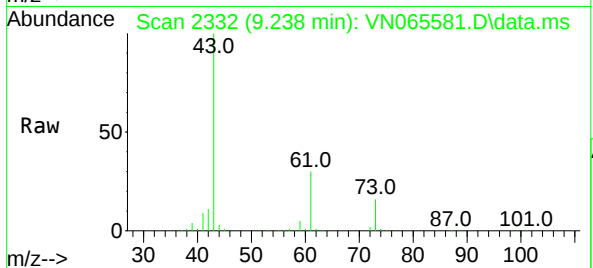


#45

1,2-Dichloropropane
Concen: 0.42 ug/l
RT: 9.238 min Scan# 2332
Delta R.T. 0.154 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Instrument :
MSVOA_N
ClientSampled :

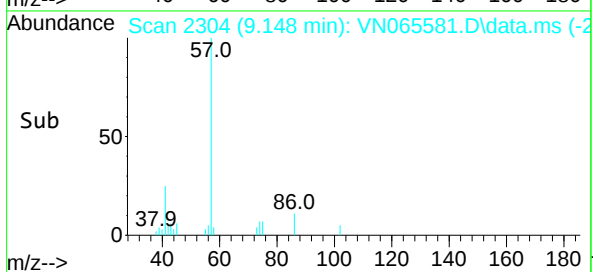
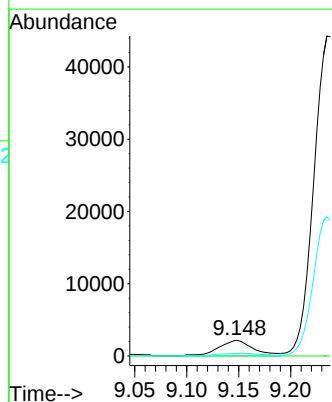
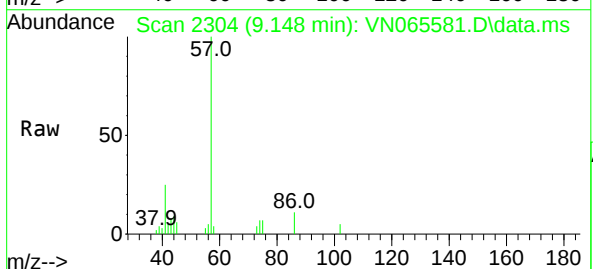
Tgt Ion: 63 Resp: 1235
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

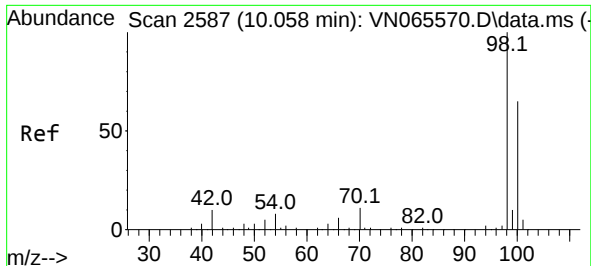


#48

Methyl methacrylate
Concen: 1.78 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 41 Resp: 5034
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

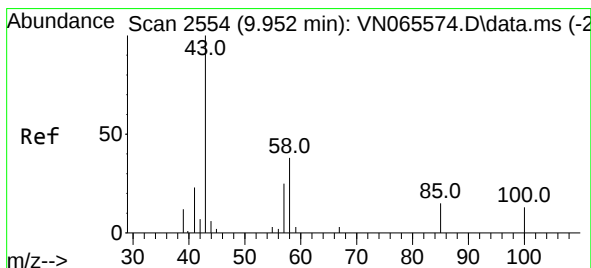
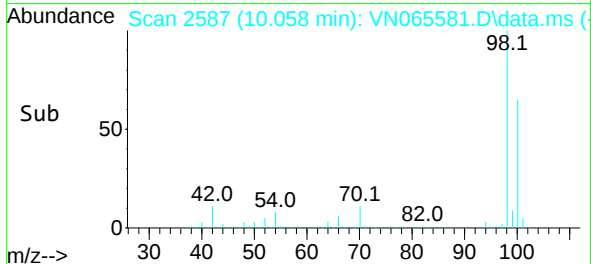
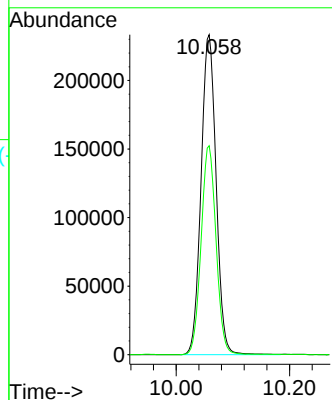
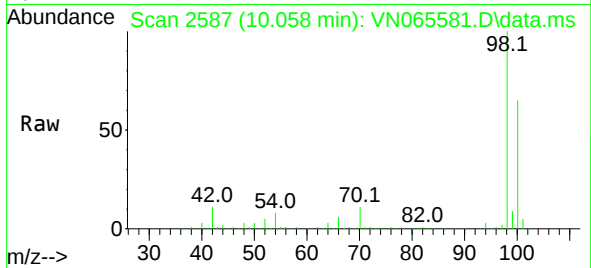




#50
Toluene-d8
Concen: 53.12 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

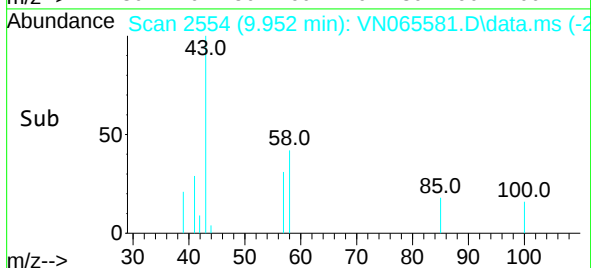
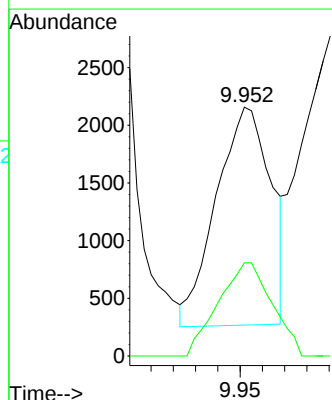
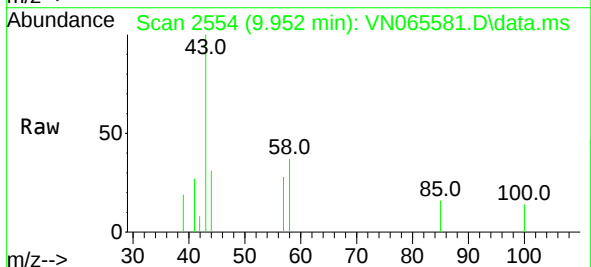
Instrument :
MSVOA_N
ClientSampled :

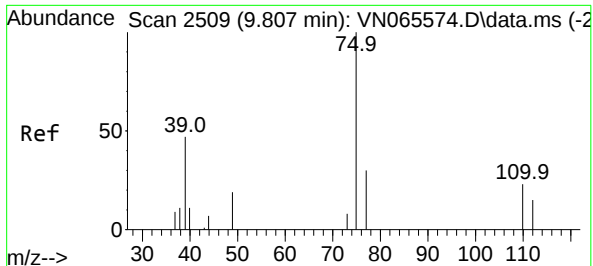
Tgt Ion: 98 Resp: 430149
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.98 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
58 42.1 32.5 48.7

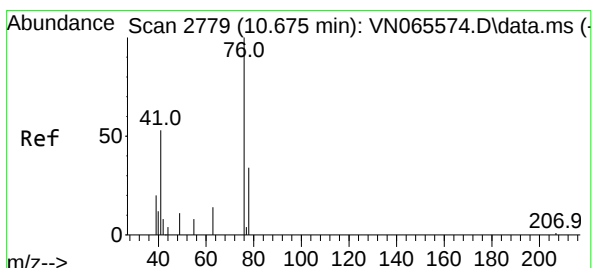
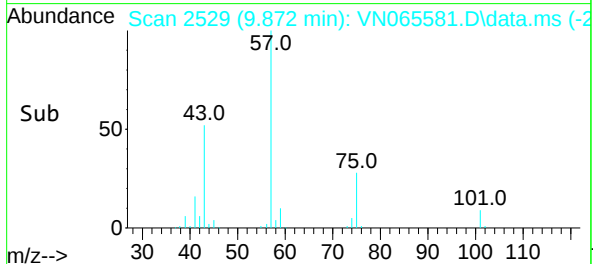
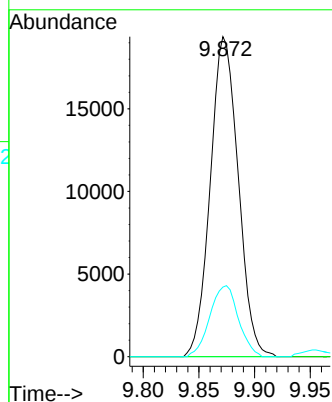
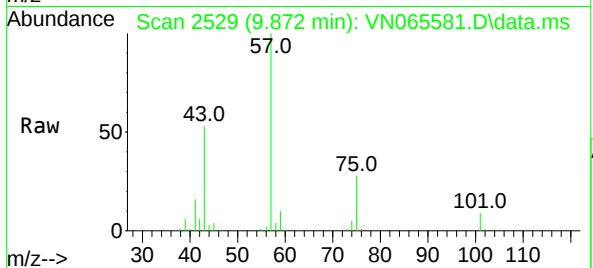




#54
cis-1,3-Dichloropropene
Concen: 7.48 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

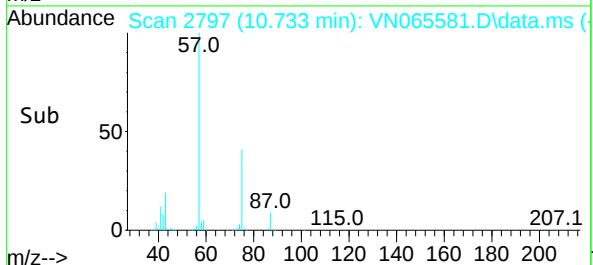
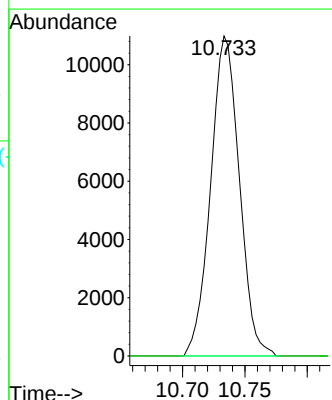
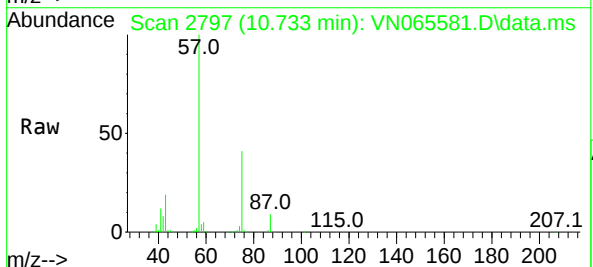
Instrument :
MSVOA_N
ClientSampled :

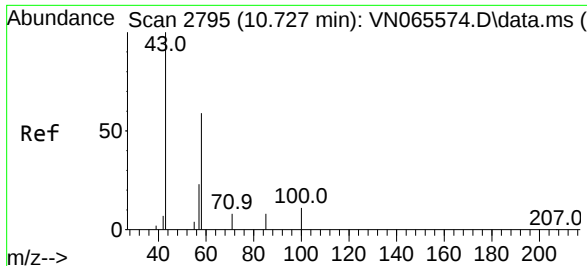
Tgt Ion: 75 Resp: 33781
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 21.8 36.2 54.4#



#57
1,3-Dichloropropane
Concen: 4.15 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 76 Resp: 17611
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

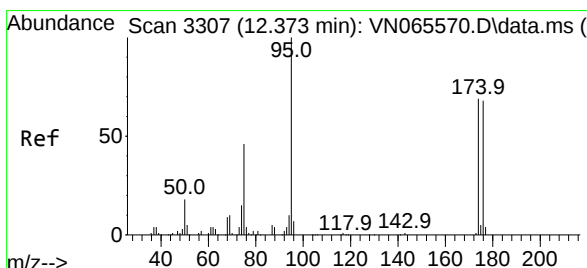
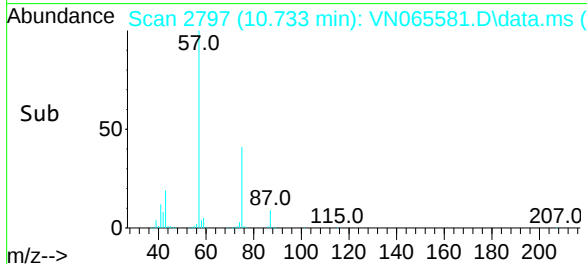
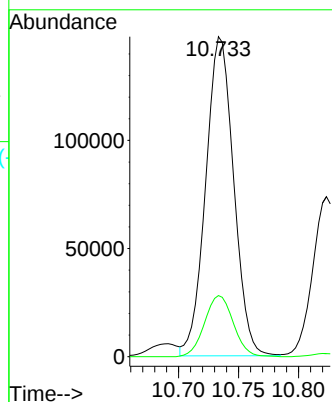
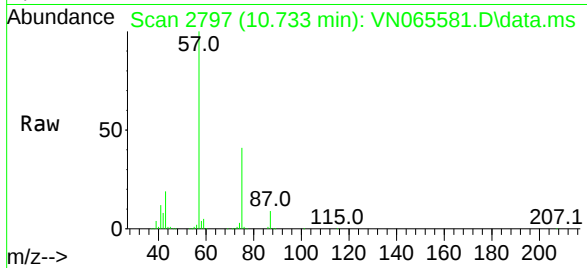




#59
2-Hexanone
Concen: 105.16 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

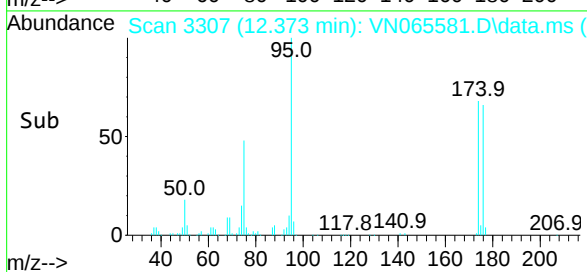
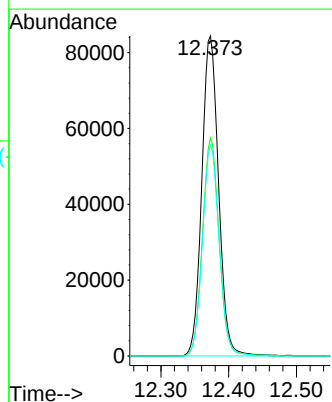
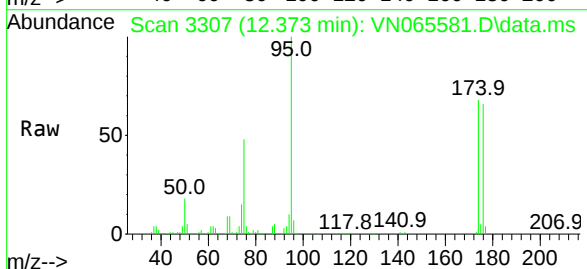
Instrument :
MSVOA_N
ClientSampled :

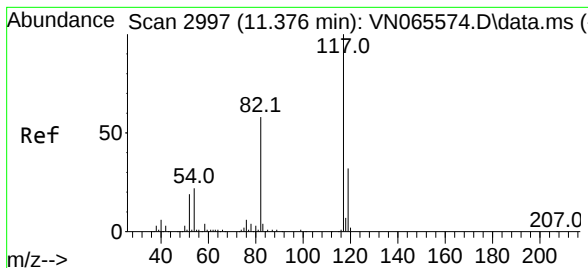
Tgt Ion: 43 Resp: 239495
Ion Ratio Lower Upper
43 100
58 19.7 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 95 Resp: 144965
Ion Ratio Lower Upper
95 100
174 67.8 0.0 169.0
176 65.7 0.0 162.4

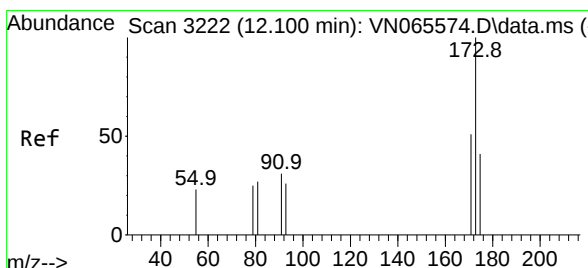
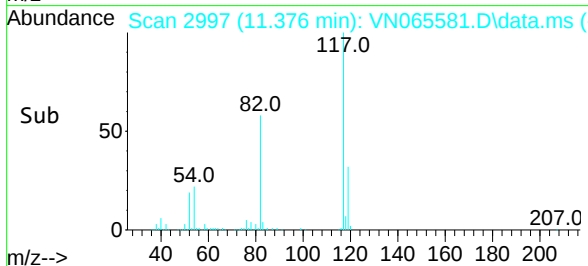
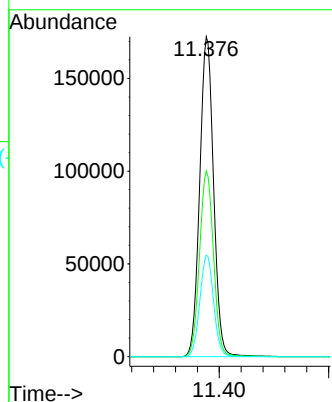
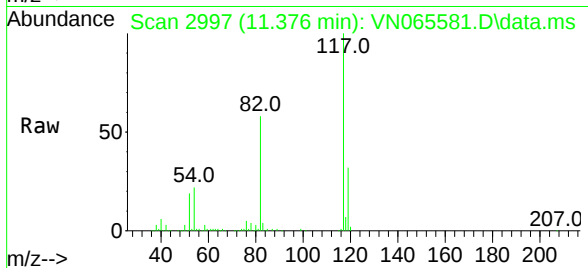




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

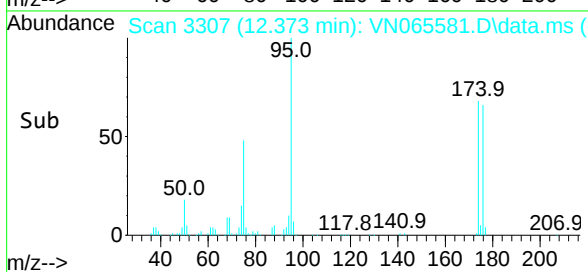
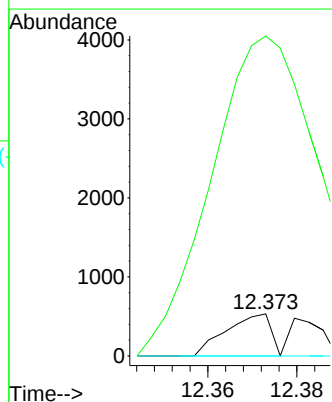
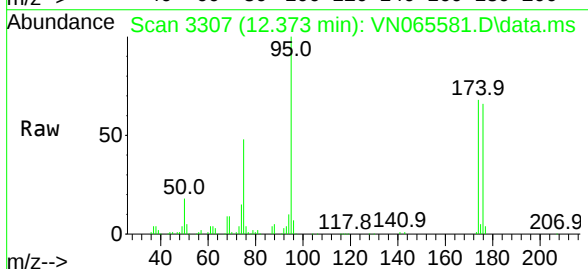
Instrument :
MSVOA_N
ClientSampled :

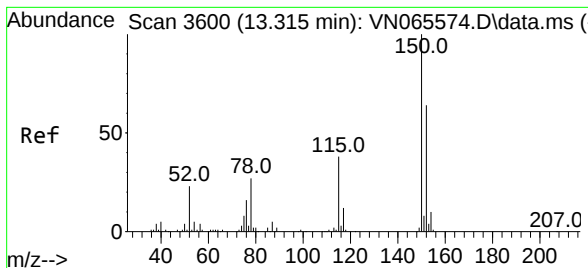
Tgt Ion:117 Resp: 303456
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.24 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion:173 Resp: 371
Ion Ratio Lower Upper
173 100
175 1549.3 23.8 71.2#
254 0.0 0.0 0.0

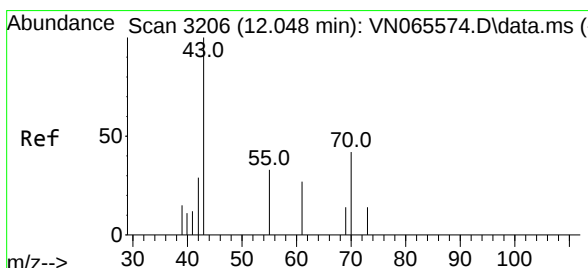
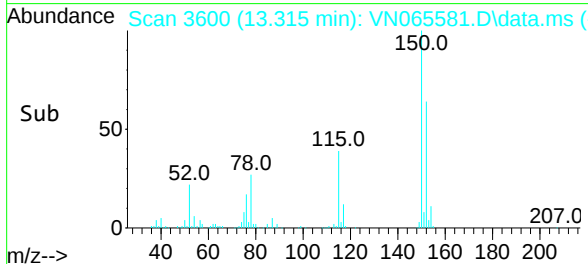
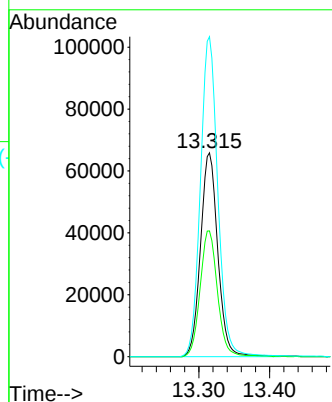
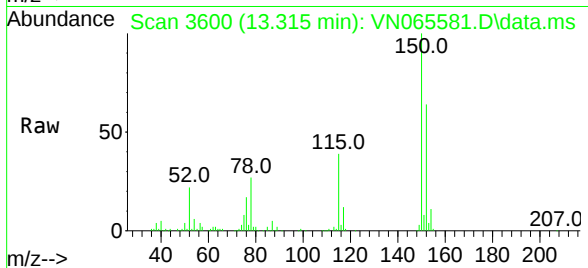




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

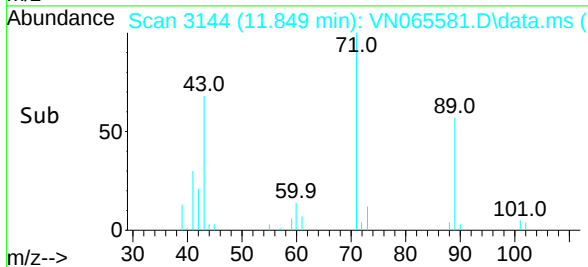
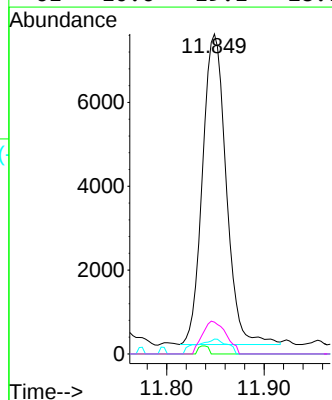
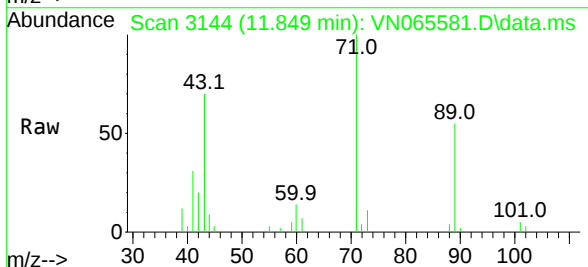
Instrument :
MSVOA_N
ClientSampled :

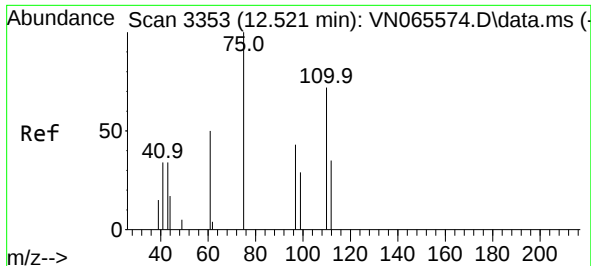
Tgt Ion:152 Resp: 111659
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 158.1 0.0 347.6



#74
N-ethyl acetate
Concen: 3.02 ug/l
RT: 11.849 min Scan# 3144
Delta R.T. -0.190 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

Tgt Ion: 43 Resp: 12496
Ion Ratio Lower Upper
43 100
70 1.1 34.4 51.6#
55 6.2 20.7 31.1#
61 10.6 19.1 28.7#

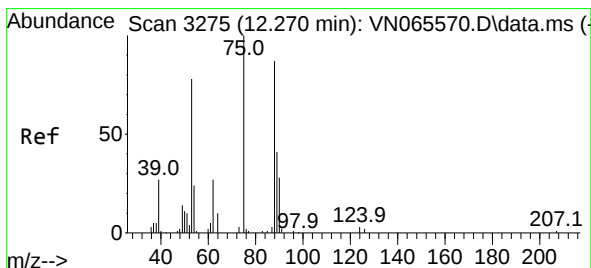
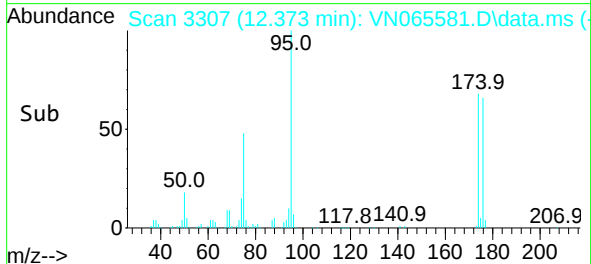
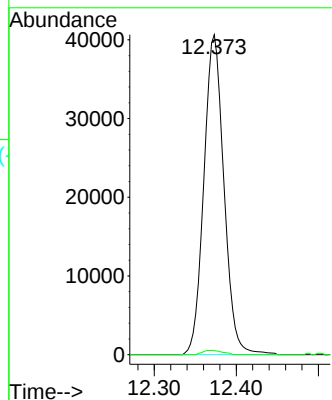
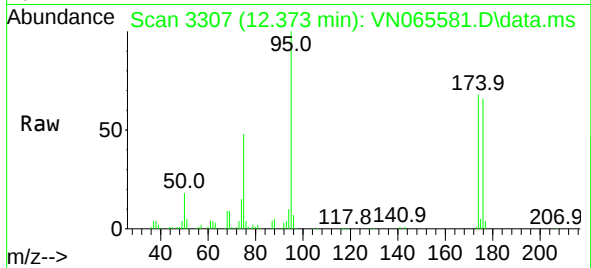




#76
1,2,3-Trichloropropane
Concen: 23.68 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

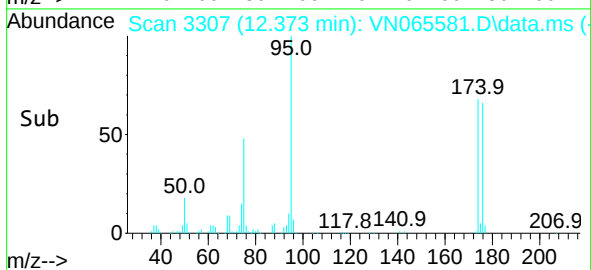
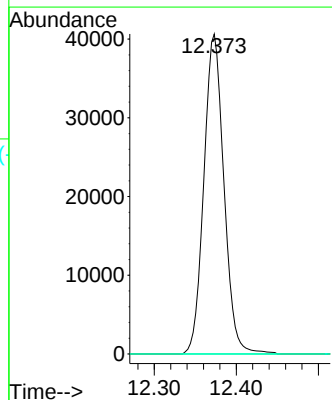
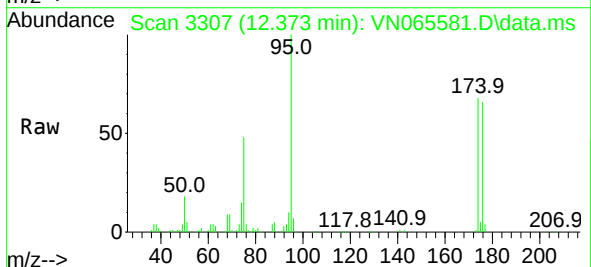
Instrument :
MSVOA_N
ClientSampled :

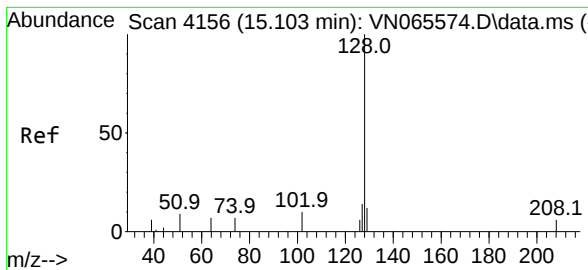
Tgt Ion: 75 Resp: 69141
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.65 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065581.D
Acq: 25 Jan 2021 16:57

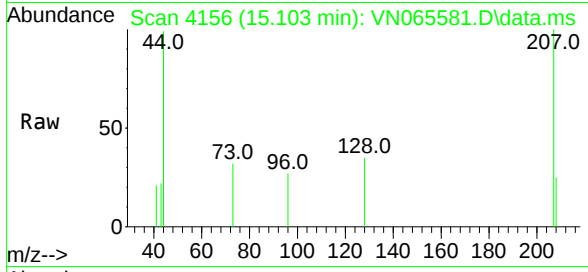
Tgt Ion: 75 Resp: 69141
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
 Naphthalene
 Concen: 3.48 ug/l
 RT: 15.103 min Scan# 4156
 Delta R.T. 0.003 min
 Lab File: VN065581.D
 Acq: 25 Jan 2021 16:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128	Resp:	232
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.2 15.2#
129	0.0	8.6 13.0#

