

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011921\
 Data File : VN065557.D
 Acq On : 19 Jan 2021 15:56
 Operator : JC/MD
 Sample : PB134213TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB134213TB

Quant Time: Jan 20 00:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 18 18:11:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

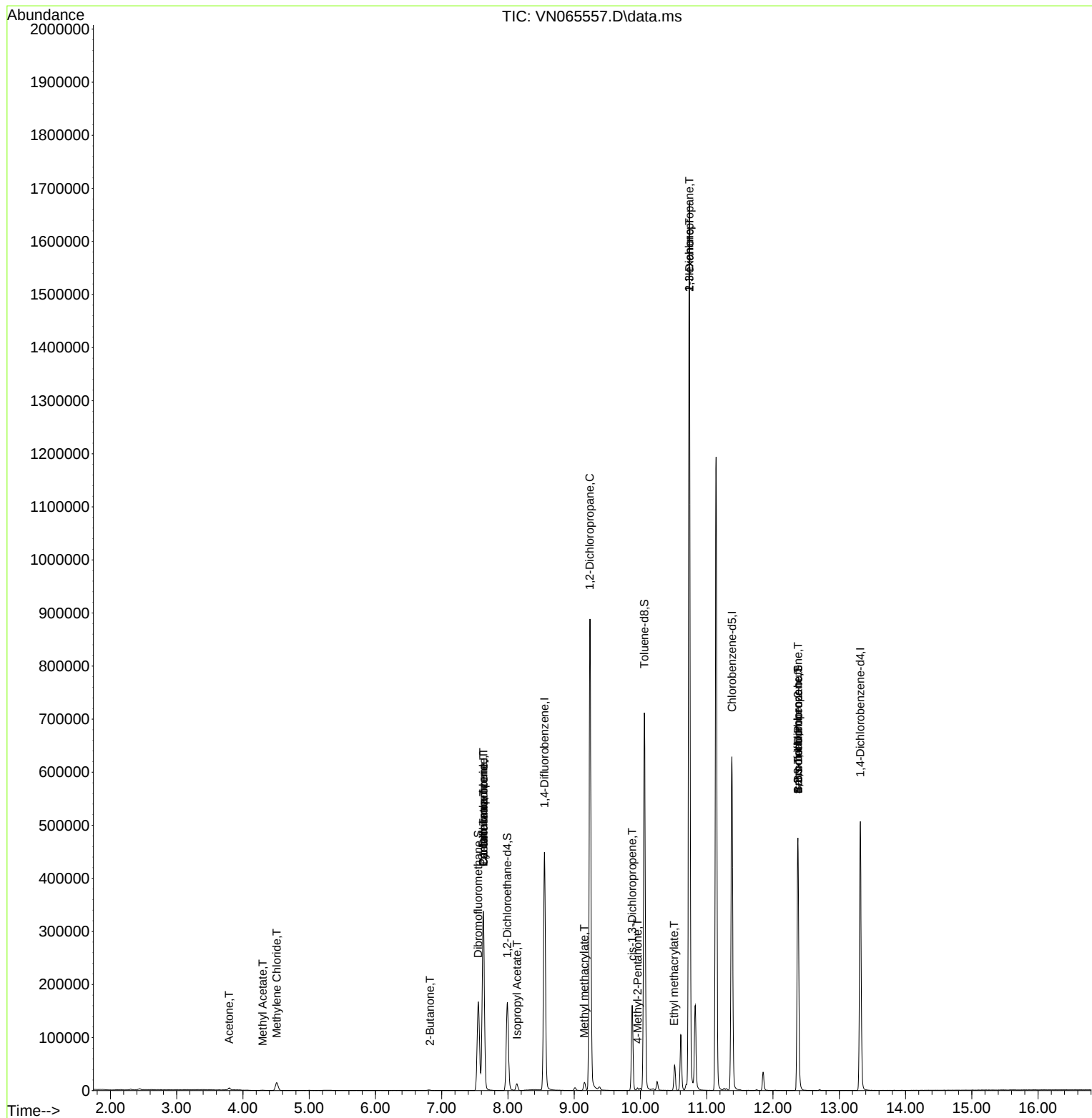
Internal Standards						
1) Pentafluorobenzene	7.627	168	314165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	445785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	412772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	162589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	144993	49.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.92%		
35) Dibromofluoromethane	7.550	113	132068	49.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.24%		
50) Toluene-d8	10.058	98	533227	53.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.74%		
62) 4-Bromofluorobenzene	12.376	95	168160	44.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.70%		
Target Compounds					Qvalue	
16) Acetone	3.791	43	5526	4.20	ug/l	99
18) Methyl Acetate	4.296	43	1144	0.40	ug/l #	50
20) Methylene Chloride	4.508	84	12265	3.88	ug/l	96
25) 2-Butanone	6.823	43	539	0.37	ug/l #	49
31) Cyclohexane	7.627	56	4498	1.03	ug/l #	6
36) 1,1-Dichloropropene	7.627	75	18374	4.98	ug/l #	49
38) Carbon Tetrachloride	7.627	117	25019	6.82	ug/l #	16
43) Isopropyl Acetate	8.135	43	14923	2.93	ug/l	99
45) 1,2-Dichloropropane	9.235	63	1191	0.41	ug/l #	43
48) Methyl methacrylate	9.151	41	3842	1.52	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	3347	1.09	ug/l	90
54) cis-1,3-Dichloropropene	9.875	75	31792	6.84	ug/l #	60
56) Ethyl methacrylate	10.508	69	205	2.17	ug/l #	1
57) 1,3-Dichloropropane	10.736	76	18056	3.77	ug/l #	42
59) 2-Hexanone	10.736	43	228389	103.38	ug/l #	50
71) Bromoform	12.376	173	949	3.14	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	77319	26.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	77319	76.33	ug/l #	15

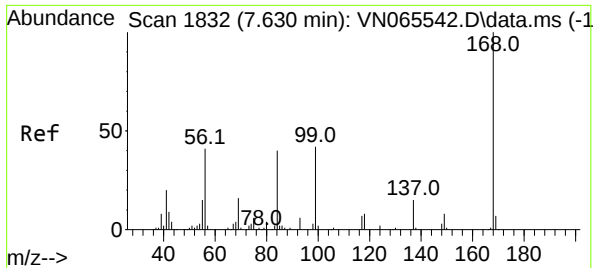
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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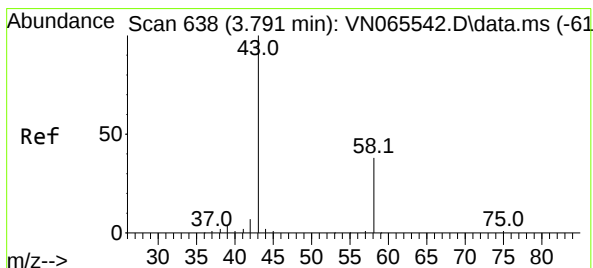
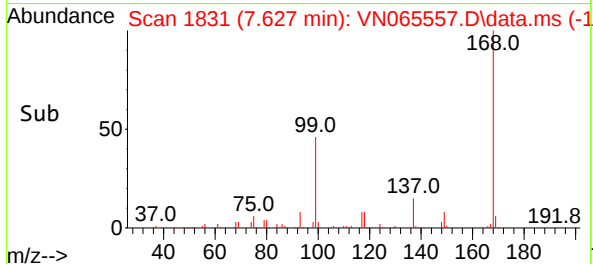
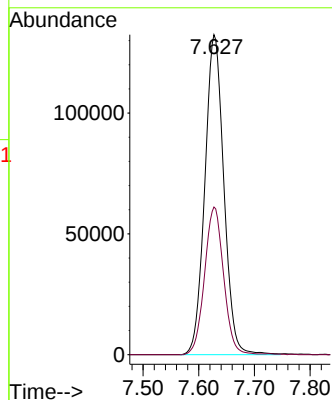
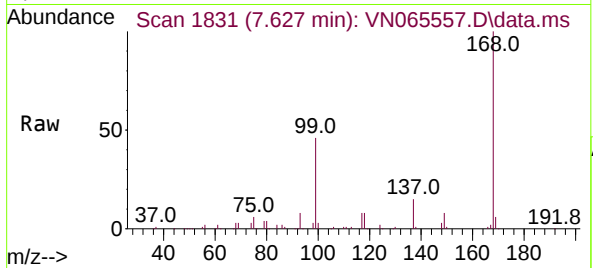




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.003 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

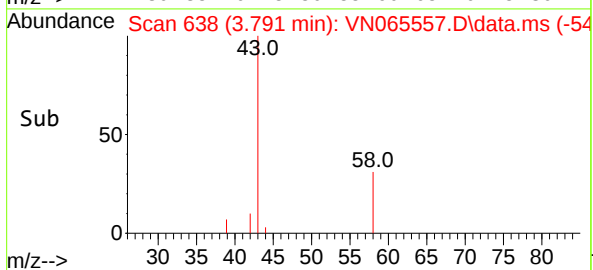
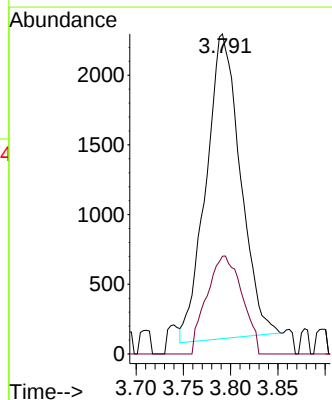
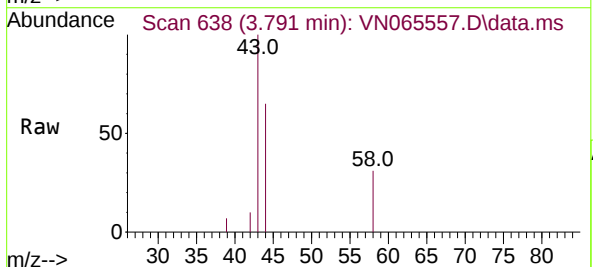
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

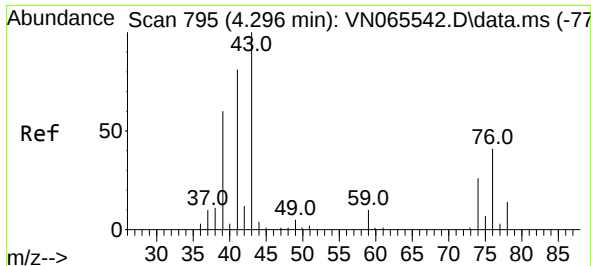
Tgt Ion:168 Resp: 314165
Ion Ratio Lower Upper
168 100
99 46.1 43.0 64.4



#16
Acetone
Concen: 4.20 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 43 Resp: 5526
Ion Ratio Lower Upper
43 100
58 32.7 25.7 38.5

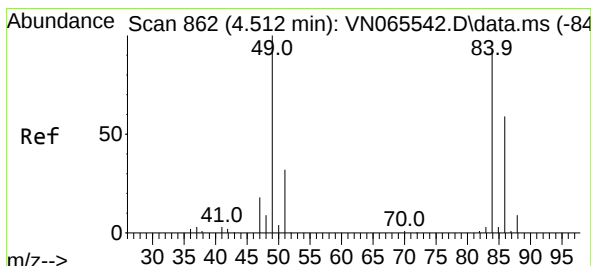
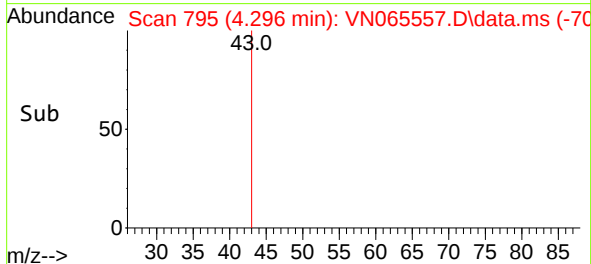
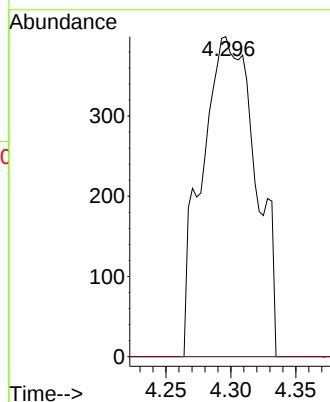
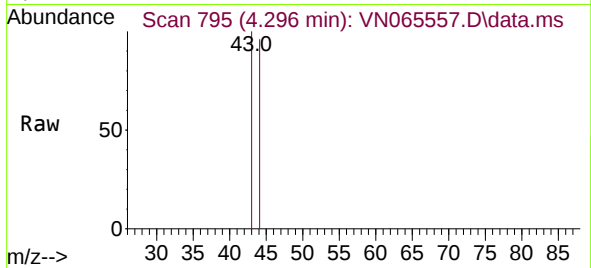




#18
Methyl Acetate
Concen: 0.40 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

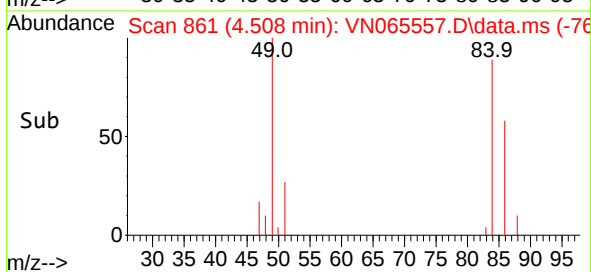
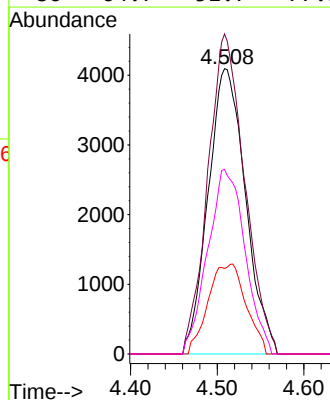
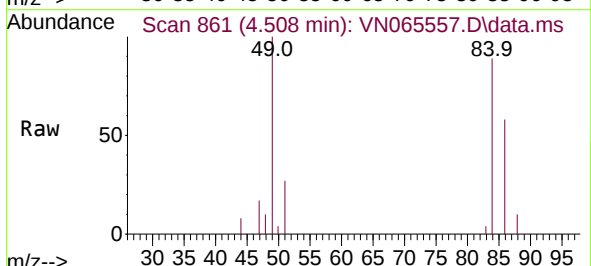
Instrument :
MSVOA_N
ClientSampleId :
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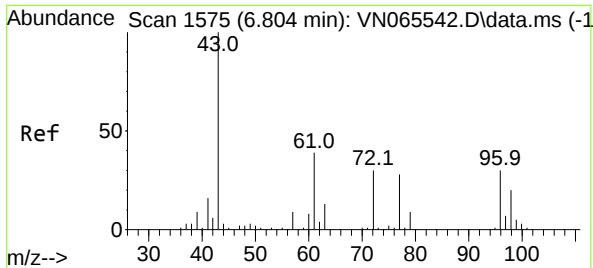
Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 3.88 ug/l
RT: 4.508 min Scan# 861
Delta R.T. -0.004 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 84 Resp: 12265
Ion Ratio Lower Upper
84 100
49 112.2 93.4 140.0
51 30.0 28.2 42.4
86 64.7 51.7 77.5

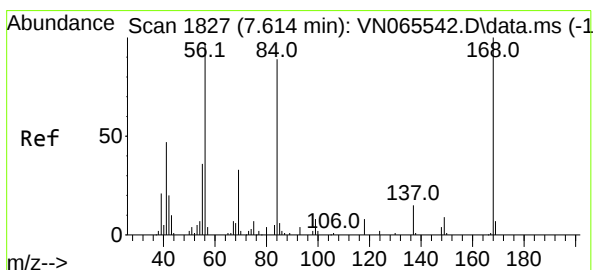
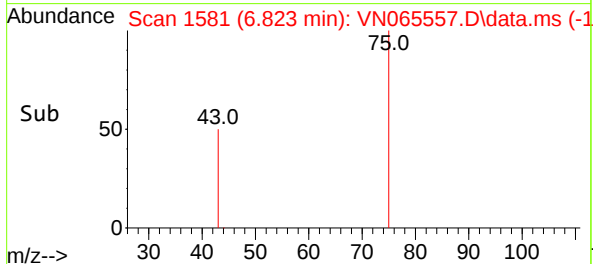
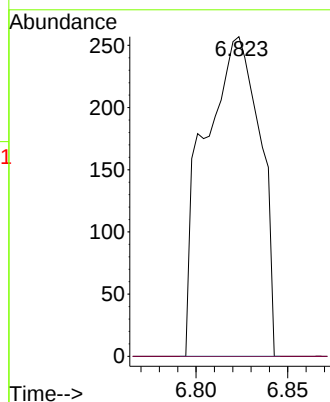
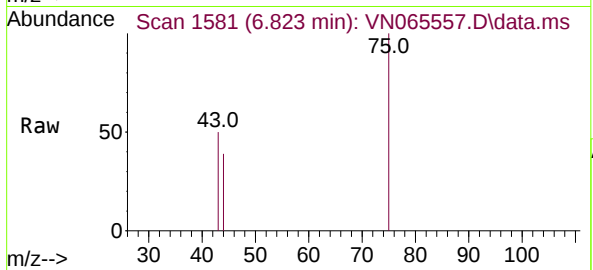




#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.823 min Scan# 1581
Delta R.T. 0.019 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

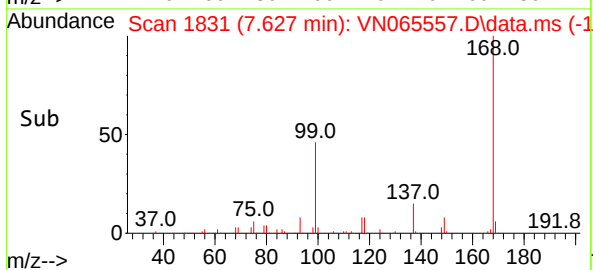
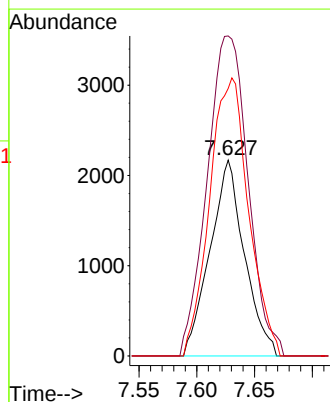
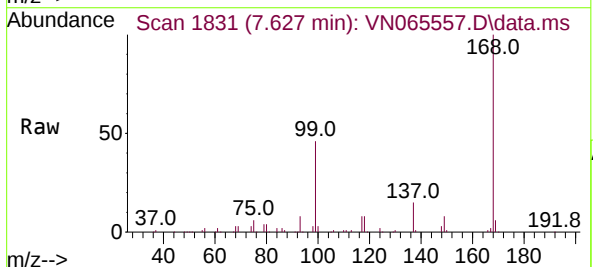
Instrument :
MSVOA_N
ClientSampleId :
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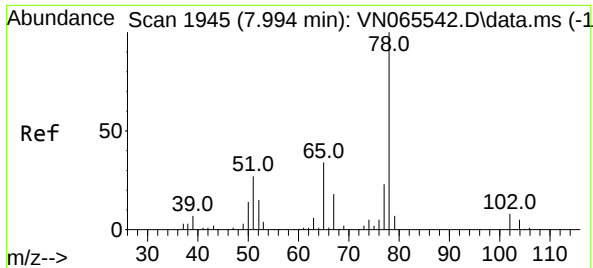
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.013 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 56 Resp: 4498
Ion Ratio Lower Upper
56 100
69 163.4 27.5 41.3#
84 136.6 73.9 110.9#



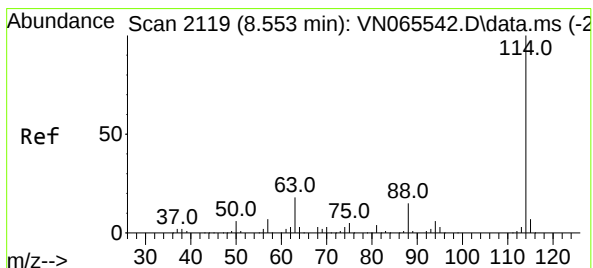
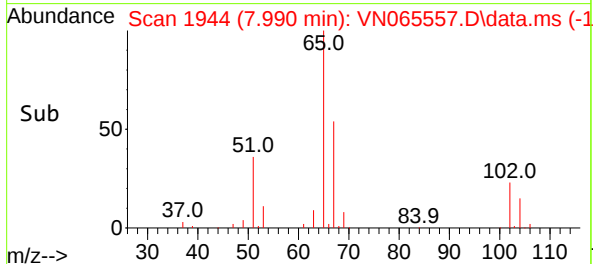
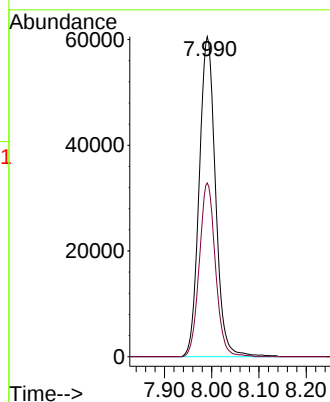
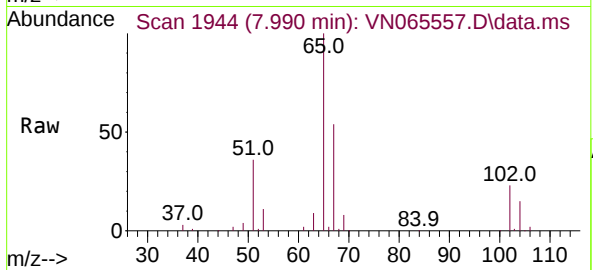


#33

1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.004 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

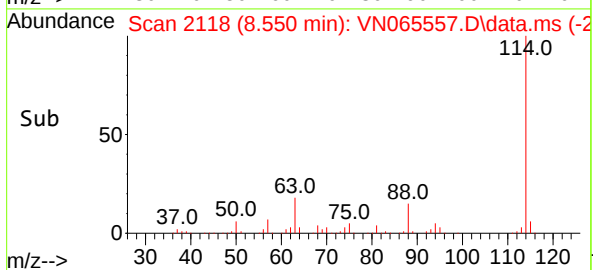
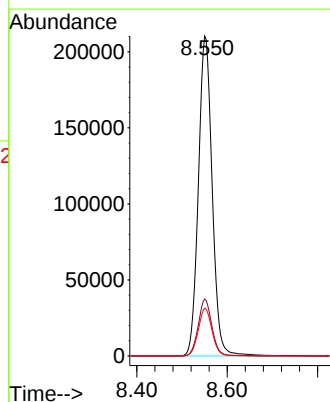
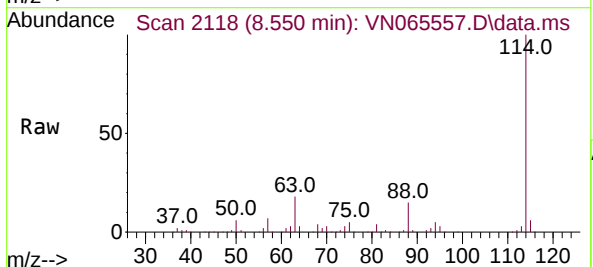
Tgt Ion: 65 Resp: 144993
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2

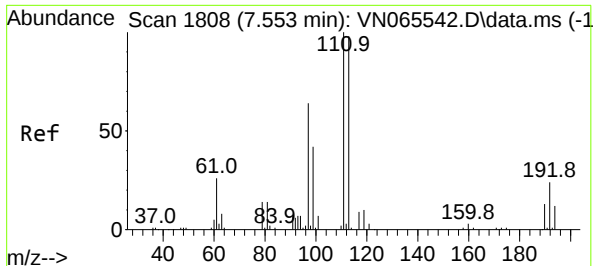


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 114 Resp: 445785
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.6
88 14.9 0.0 32.6

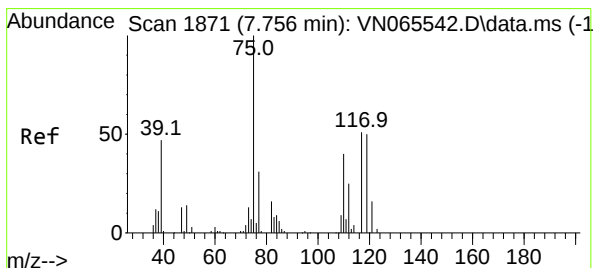
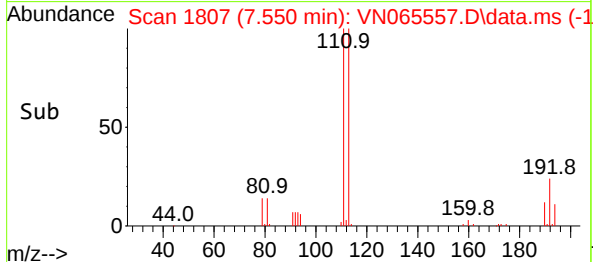
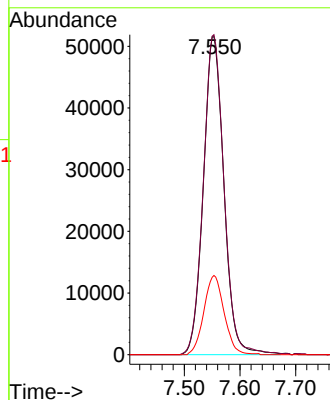
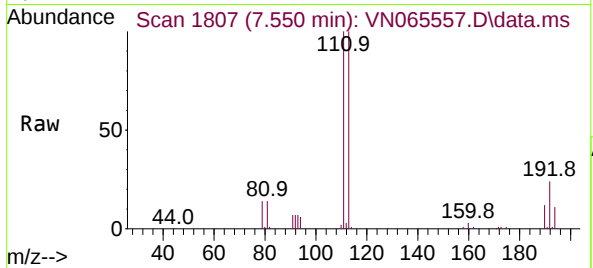




#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. -0.003 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

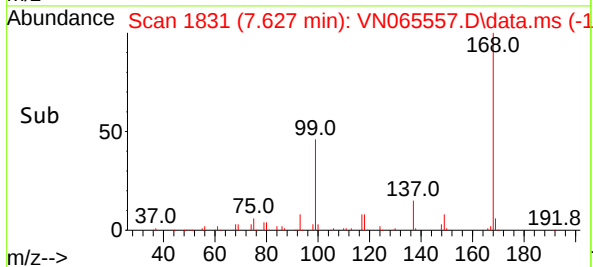
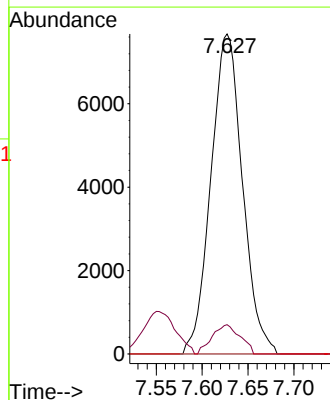
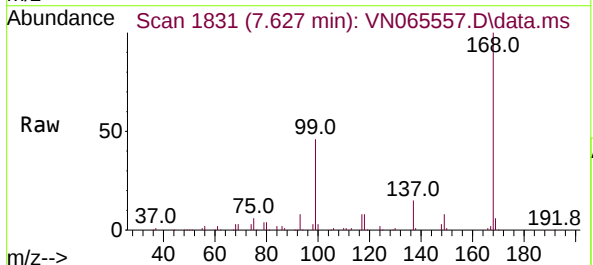
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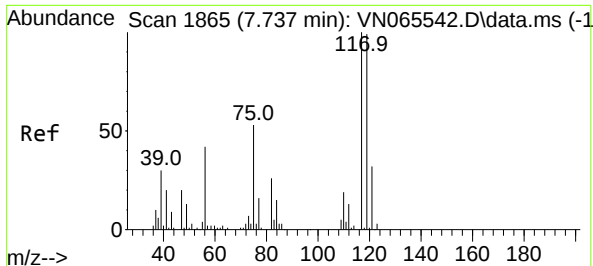
Tgt Ion:113 Resp: 132068
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 24.5 16.2 24.2#



#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.129 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

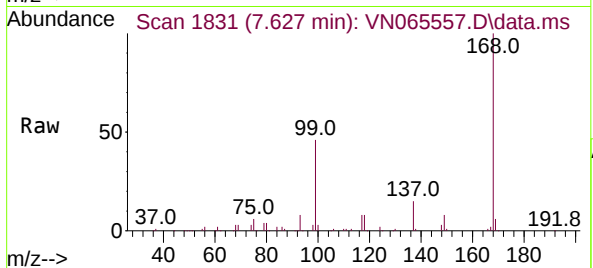
Tgt Ion: 75 Resp: 18374
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#



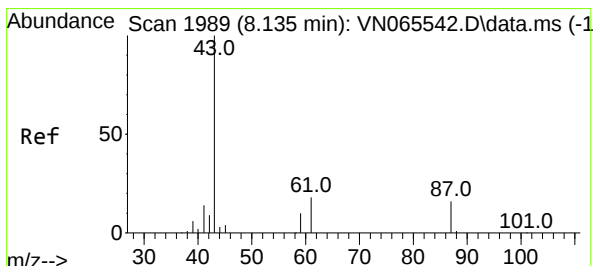
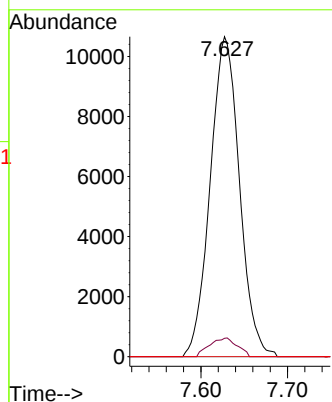
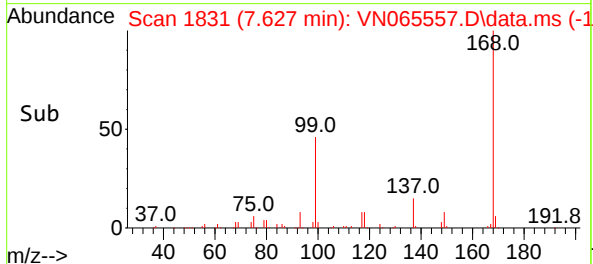


#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.110 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

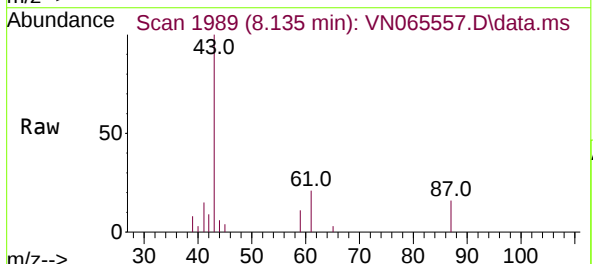
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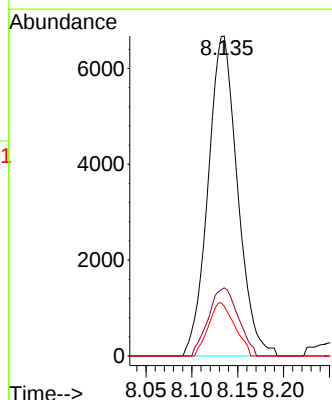
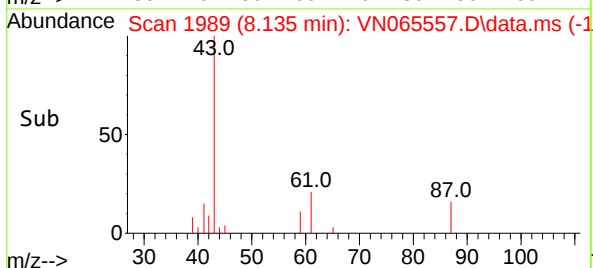
Tgt Ion:117 Resp: 25019
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 25.4 38.2#

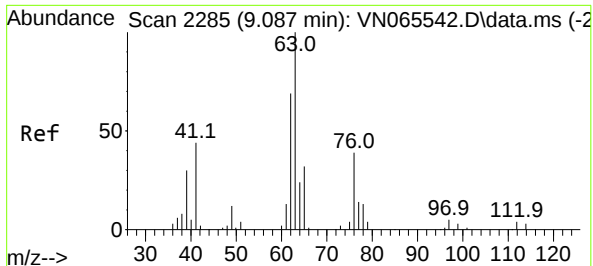


#43
Isopropyl Acetate
Concen: 2.93 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56



Tgt Ion: 43 Resp: 14923
Ion Ratio Lower Upper
43 100
61 21.5 17.2 25.8
87 14.8 11.4 17.0

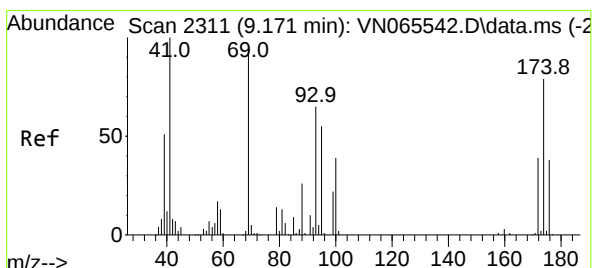
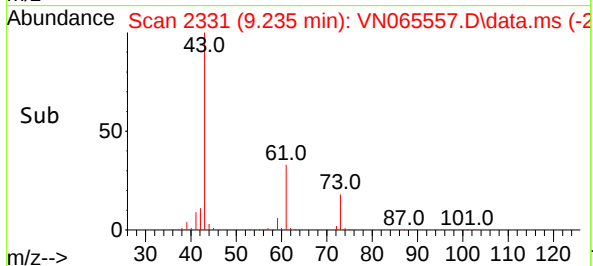
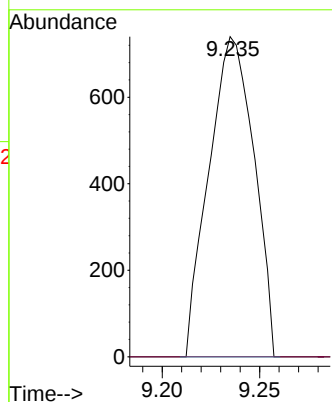
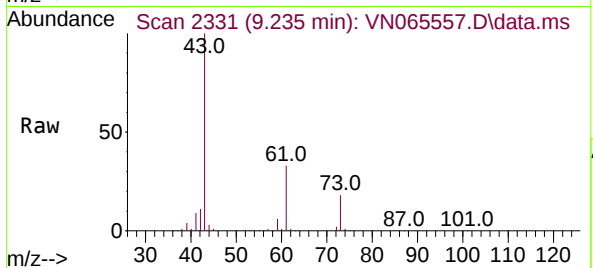




#45
1,2-Dichloropropane
Concen: 0.41 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.148 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

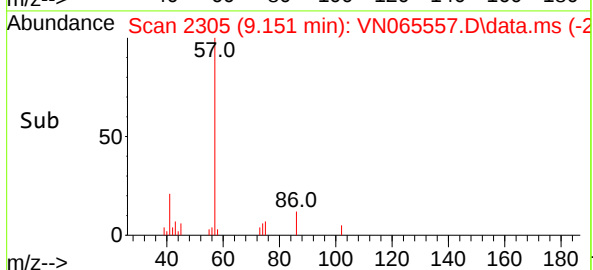
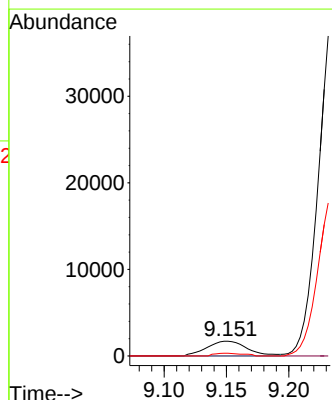
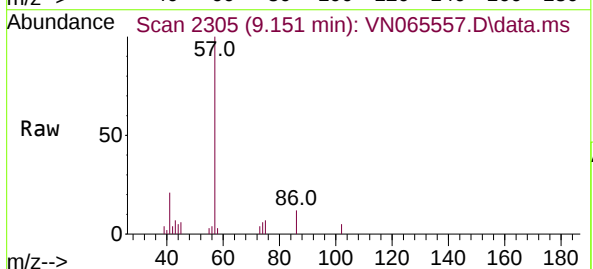
Instrument :
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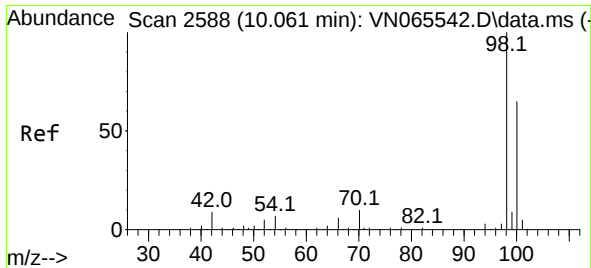
Tgt Ion: 63 Resp: 1191
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.52 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.020 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 41 Resp: 3842
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

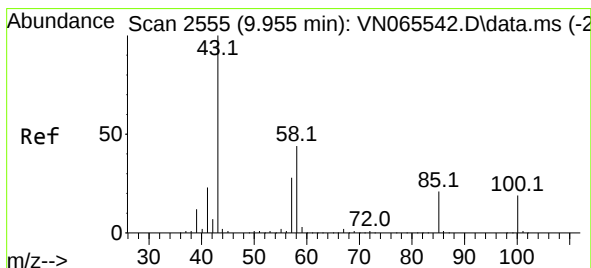
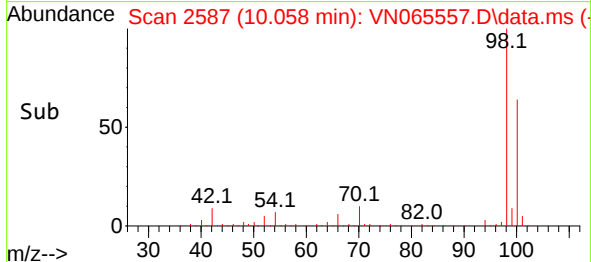
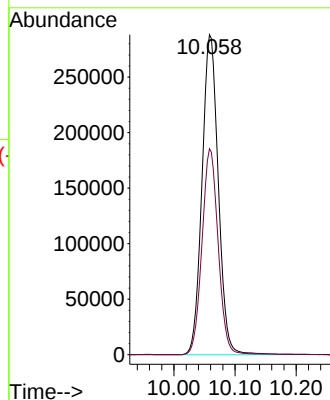
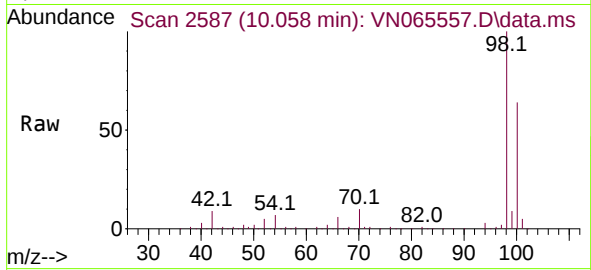




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.003 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

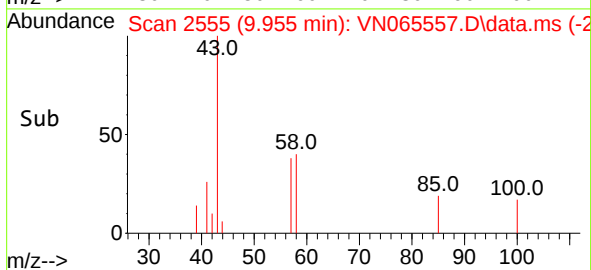
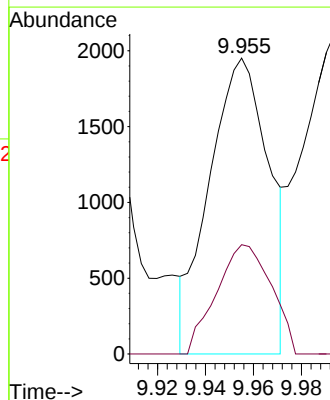
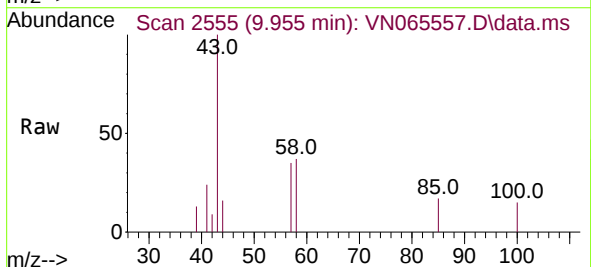
Instrument :
MSVOA_N
ClientSampled :
PB134213TB

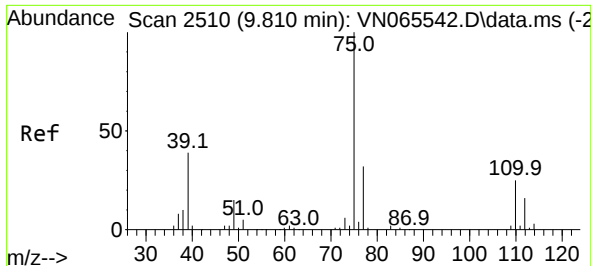
Tgt Ion: 98 Resp: 533227
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 43 Resp: 3347
Ion Ratio Lower Upper
43 100
58 34.3 32.4 48.6

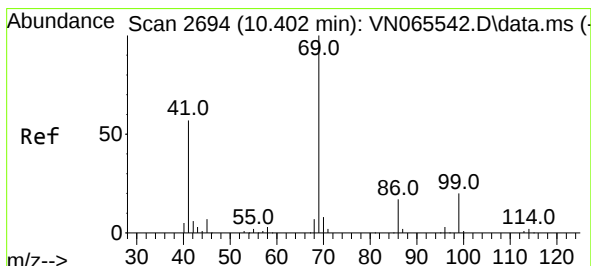
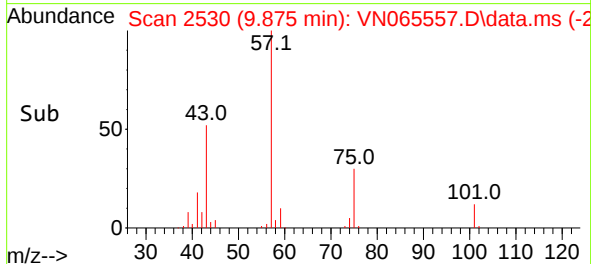
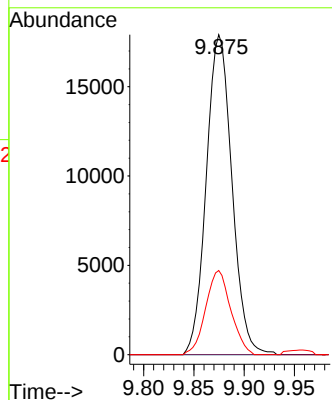
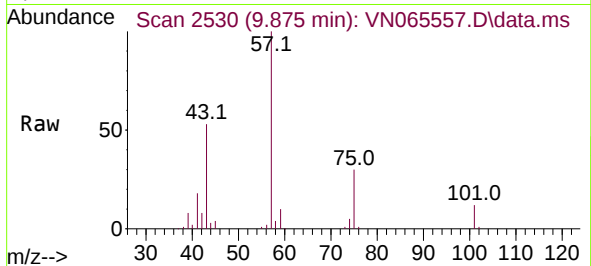




#54
cis-1,3-Dichloropropene
Concen: 6.84 ug/l
RT: 9.875 min Scan# 2530
Delta R.T. 0.065 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

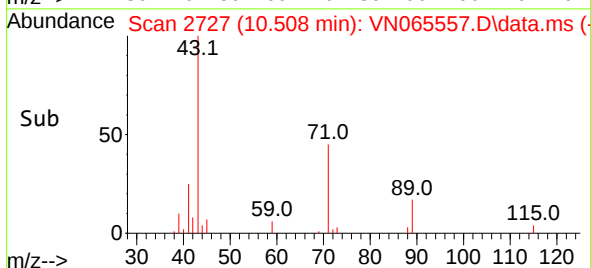
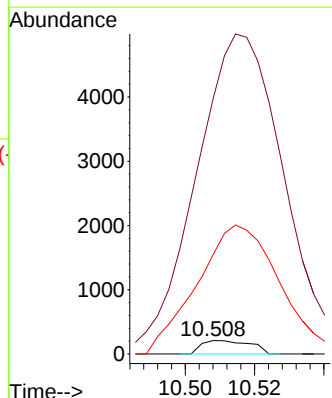
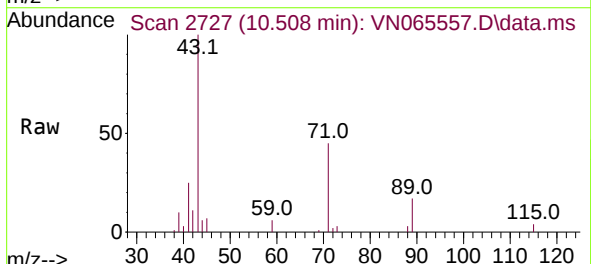
Instrument :
MSVOA_N
ClientSampled :
PB134213TB

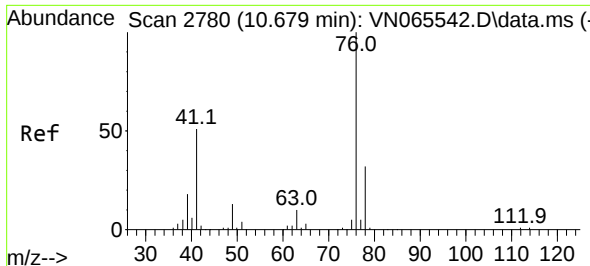
Tgt Ion: 75 Resp: 31792
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.3 35.6 53.4#



#56
Ethyl methacrylate
Concen: 2.17 ug/l
RT: 10.508 min Scan# 2727
Delta R.T. 0.106 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 69 Resp: 205
Ion Ratio Lower Upper
69 100
41 4292.2 49.4 74.0#
39 1634.6 25.9 38.9#

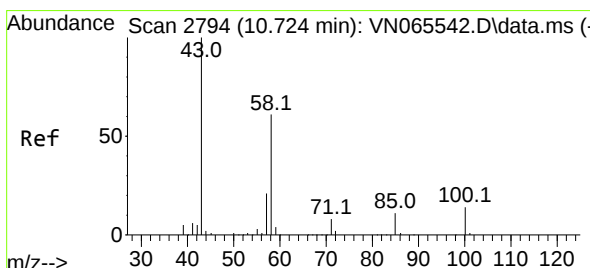
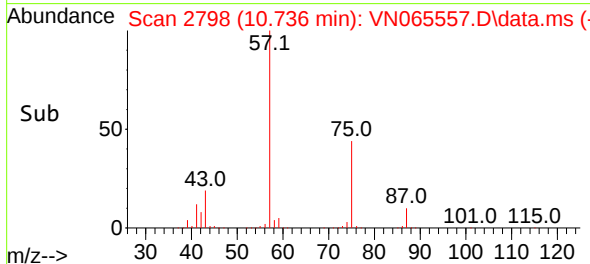
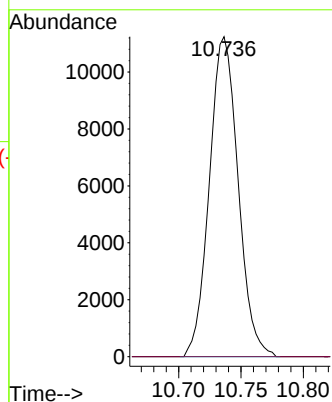
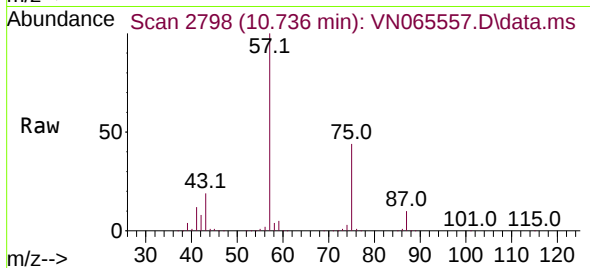




#57
1,3-Dichloropropane
Concen: 3.77 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

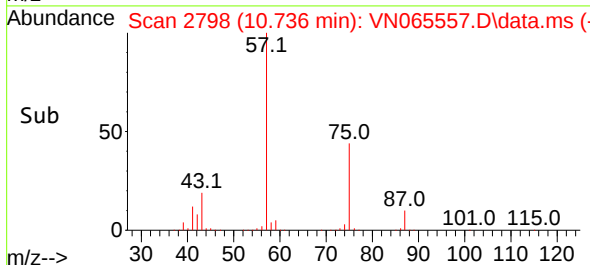
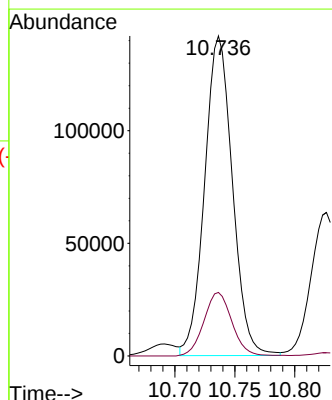
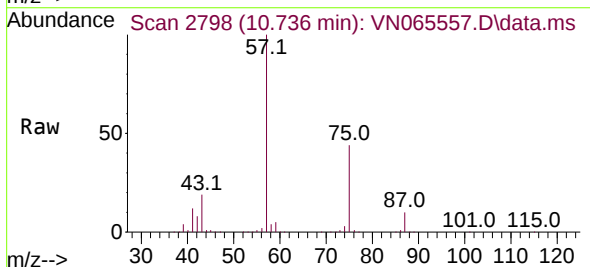
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

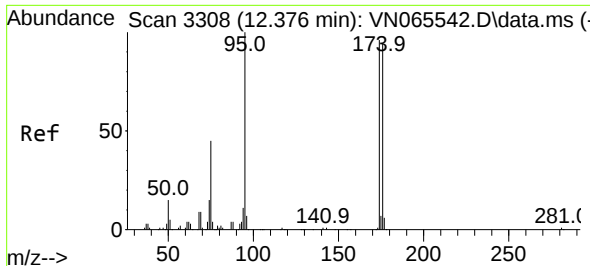
Tgt Ion: 76 Resp: 18056
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 103.38 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 43 Resp: 228389
Ion Ratio Lower Upper
43 100
58 20.2 28.3 84.9#

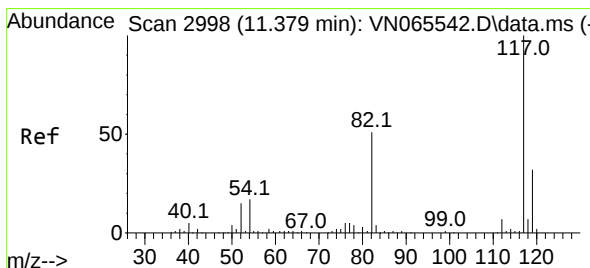
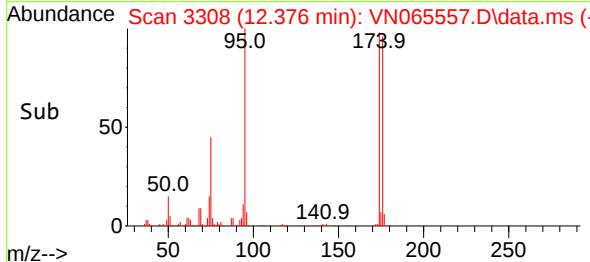
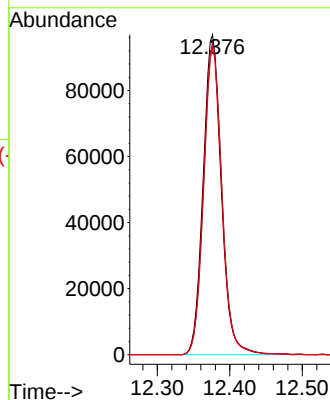
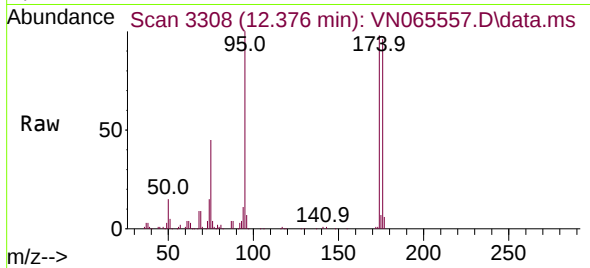




#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

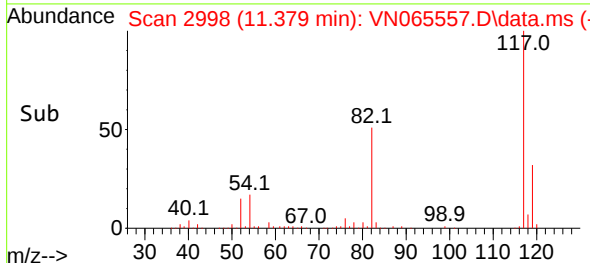
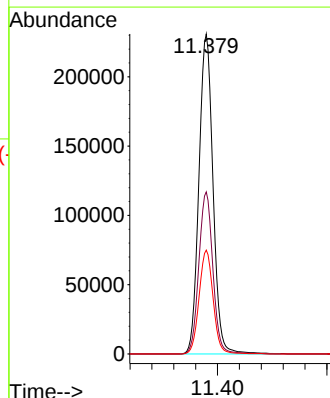
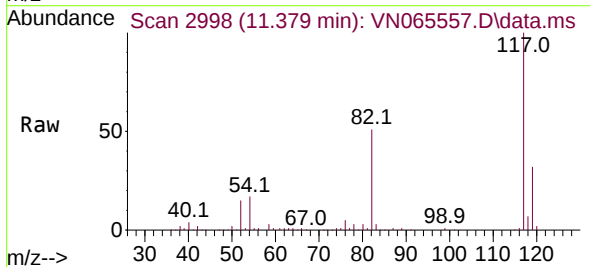
Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

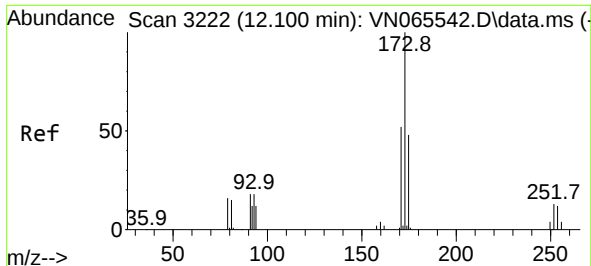
Tgt Ion:	95	Resp:	168160
Ion Ratio	Lower	Upper	
95	100		
174	99.4	0.0	160.4
176	96.4	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

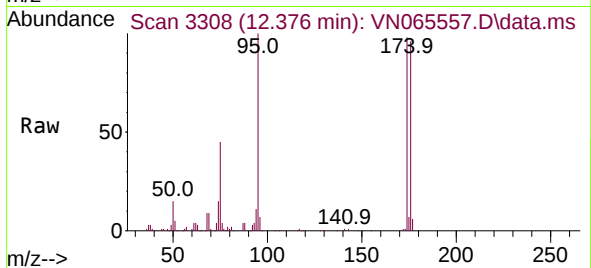
Tgt Ion:	117	Resp:	412772
Ion Ratio	Lower	Upper	
117	100		
82	50.7	44.2	66.2
119	32.5	25.8	38.6



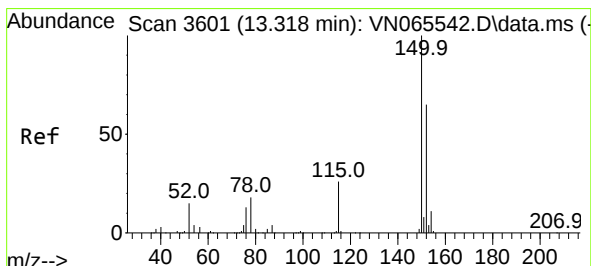
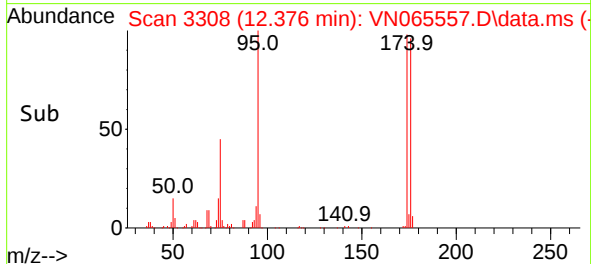
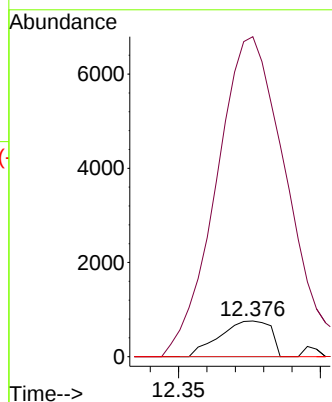


#71
Bromoform
Concen: 3.14 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

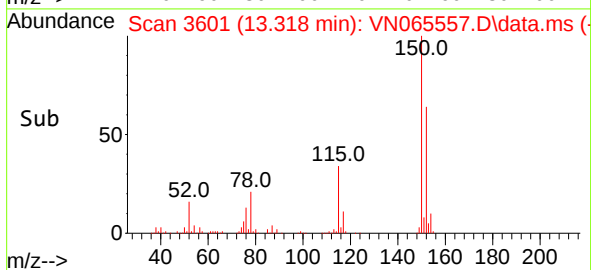
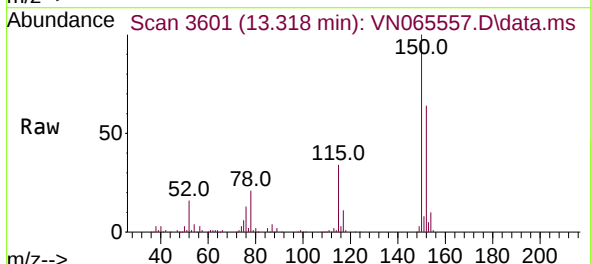
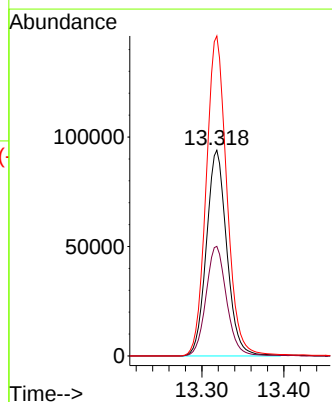


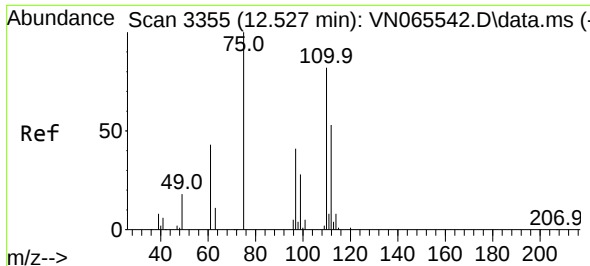
Tgt Ion:173 Resp: 949
Ion Ratio Lower Upper
173 100
175 1025.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion:152 Resp: 162589
Ion Ratio Lower Upper
152 100
115 53.9 29.7 89.1
150 157.7 0.0 350.6

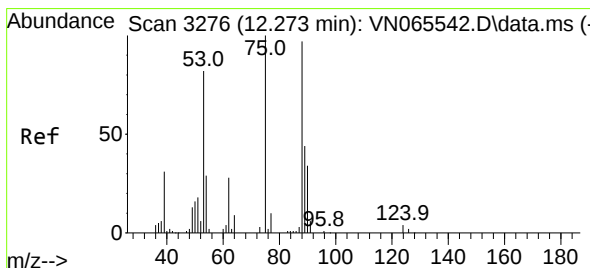
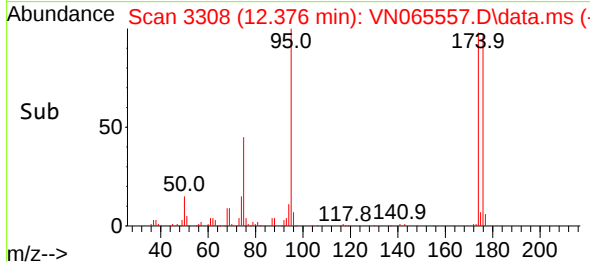
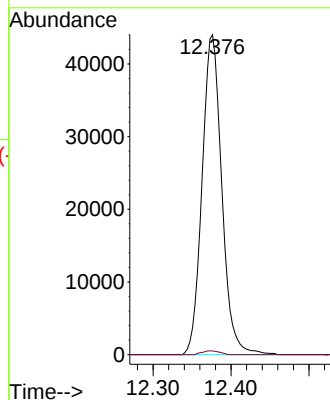
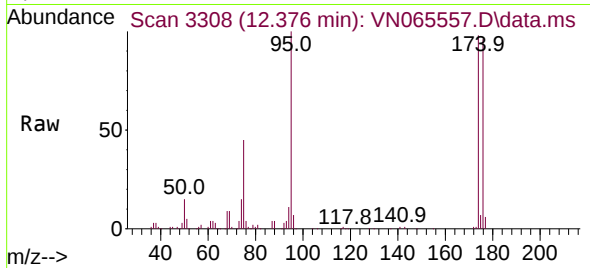




#76
1,2,3-Trichloropropane
Concen: 26.26 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Instrument :
MSVOA_N
ClientSampleId :
PB134213TB

Tgt Ion: 75 Resp: 77319
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.33 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065557.D
Acq: 19 Jan 2021 15:56

Tgt Ion: 75 Resp: 77319
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

