

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011121\
 Data File : VN065475.D
 Acq On : 11 Jan 2021 18:09
 Operator : JC/MD
 Sample : M1044-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 00:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

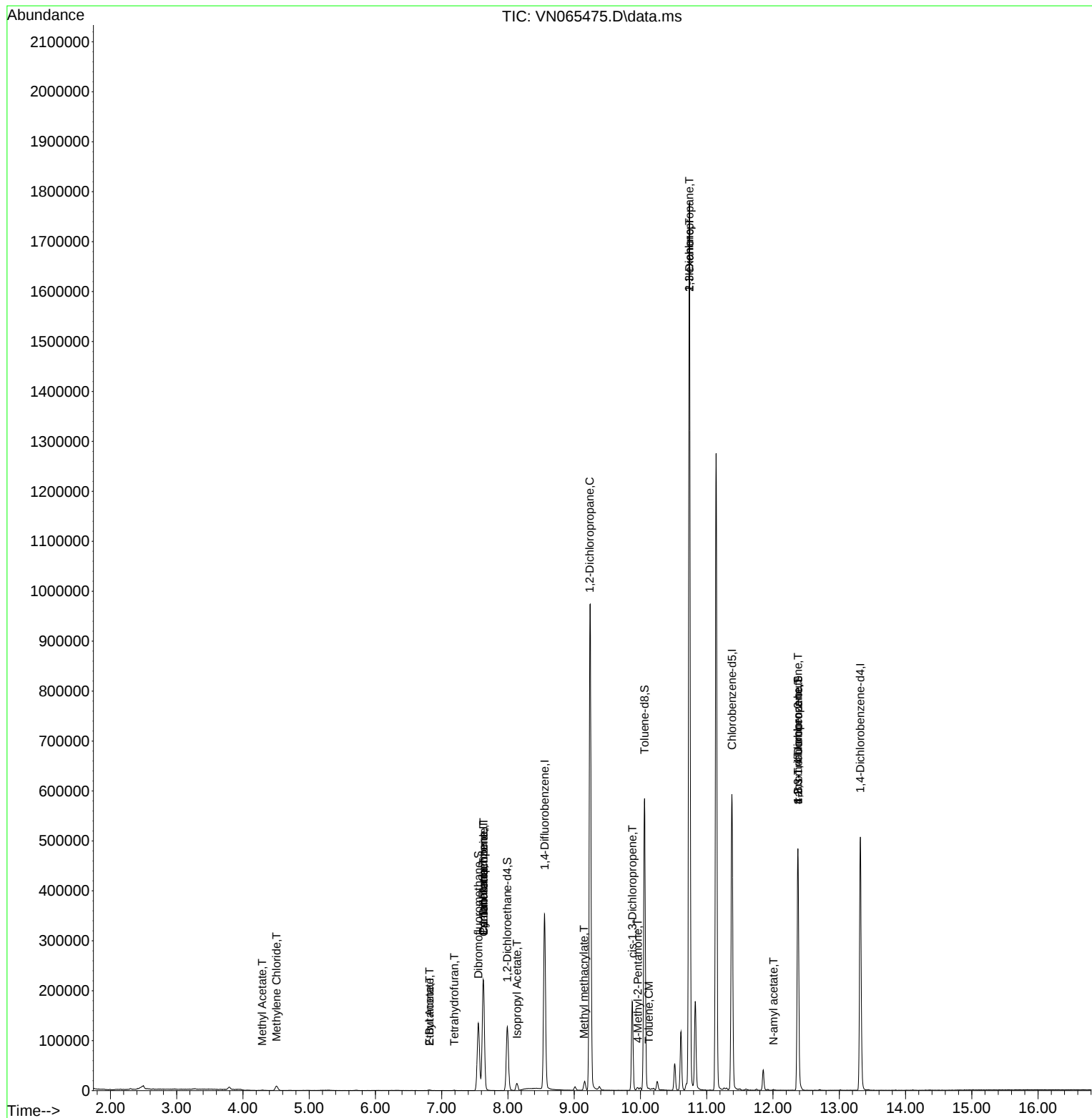
Internal Standards						
1) Pentafluorobenzene	7.627	168	205594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	340087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	370678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	155339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	113950	49.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.20%			
35) Dibromofluoromethane	7.553	113	103413	50.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.80%			
50) Toluene-d8	10.061	98	423517	55.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.14%			
62) 4-Bromofluorobenzene	12.376	95	169203	55.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.12%			
Target Compounds						
					Qvalue	
16) Acetone	3.788	43	7538	Below Cal		98
18) Methyl Acetate	4.290	43	928	0.45 ug/l #		56
20) Methylene Chloride	4.505	84	7203	3.18 ug/l		94
25) 2-Butanone	6.814	43	1414	1.09 ug/l #		49
29) Tetrahydrofuran	7.190	42	828	0.98 ug/l #		46
31) Cyclohexane	7.627	56	3087	0.90 ug/l #		1
36) 1,1-Dichloropropene	7.627	75	12514	4.05 ug/l #		49
37) Ethyl Acetate	6.814	43	1414	0.46 ug/l #		66
38) Carbon Tetrachloride	7.630	117	16681	5.14 ug/l #		16
43) Isopropyl Acetate	8.135	43	17377	3.29 ug/l		98
45) 1,2-Dichloropropane	9.235	63	1235	0.52 ug/l #		43
48) Methyl methacrylate	9.148	41	4183	1.63 ug/l #		12
51) 4-Methyl-2-Pentanone	9.958	43	4294	1.45 ug/l		92
52) Toluene	10.125	92	1261	0.22 ug/l		89
54) cis-1,3-Dichloropropene	9.878	75	33044	8.06 ug/l #		60
57) 1,3-Dichloropropane	10.736	76	19072	5.04 ug/l #		42
59) 2-Hexanone	10.736	43	255532	117.03 ug/l #		49
74) N-amyl acetate	12.006	43	1346	0.29 ug/l #		42
76) 1,2,3-Trichloropropane	12.376	75	80627	25.44 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.376	75	80627	64.15 ug/l #		15

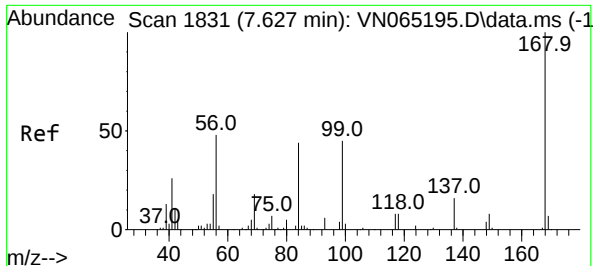
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

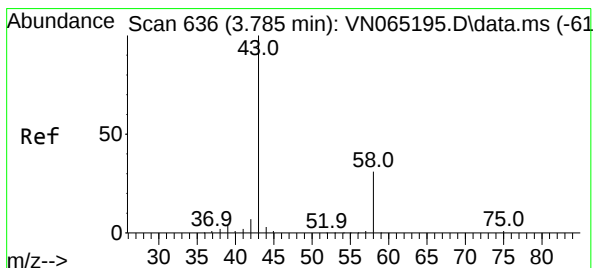
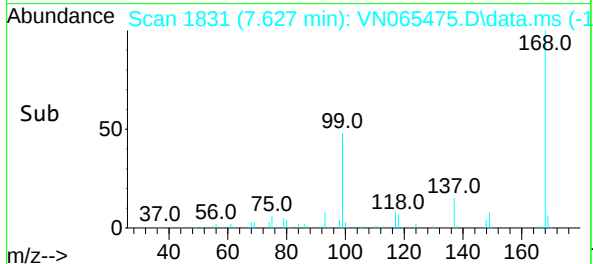
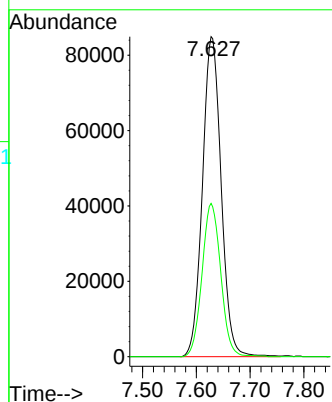
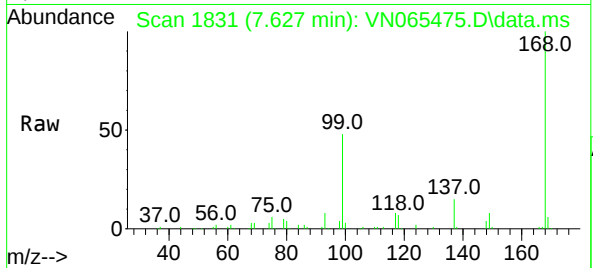




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

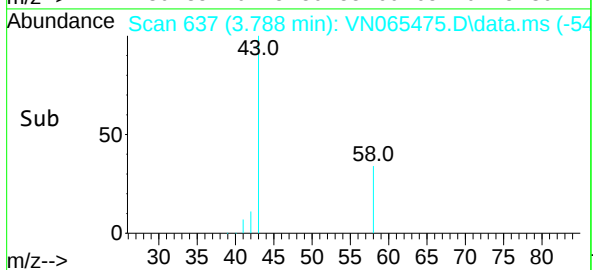
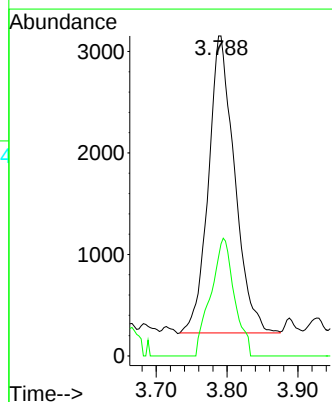
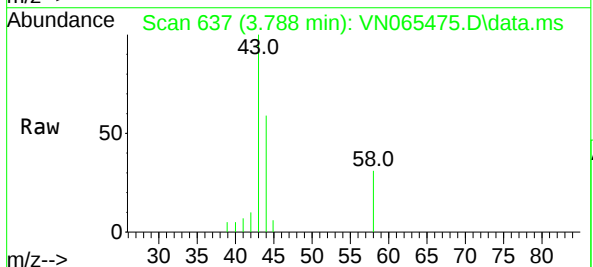
Instrument :
MSVOA_N
ClientSampleId :

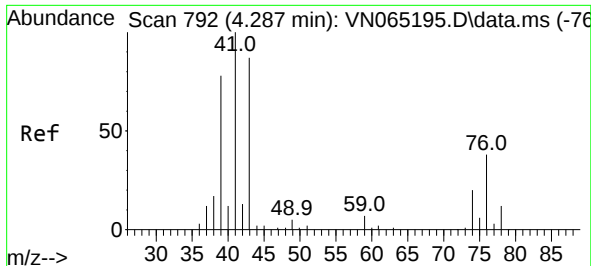
Tgt Ion:168 Resp: 205594
Ion Ratio Lower Upper
168 100
99 47.9 43.0 64.4



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

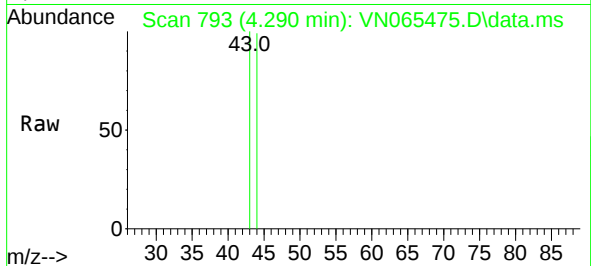
Tgt Ion: 43 Resp: 7538
Ion Ratio Lower Upper
43 100
58 33.4 25.7 38.5



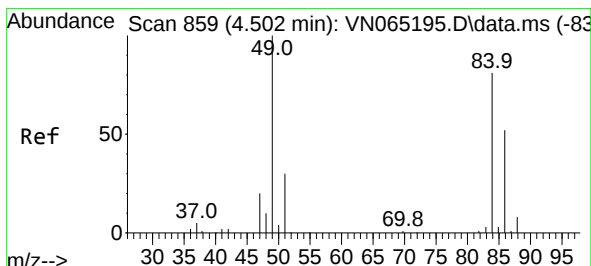
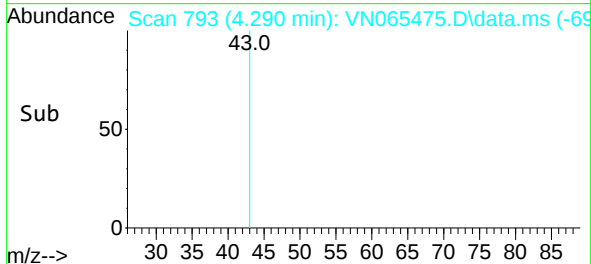
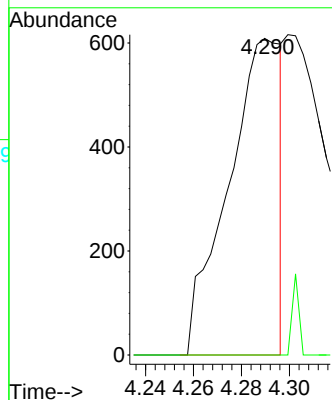


#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Instrument :
MSVOA_N
ClientSampled :

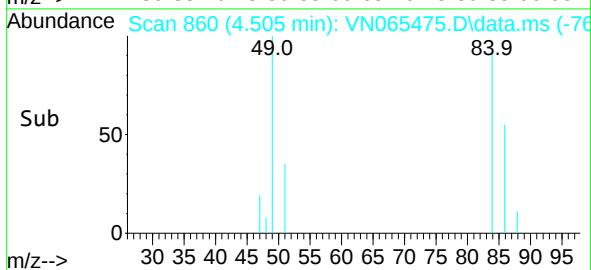
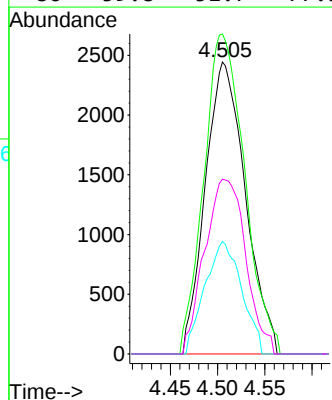
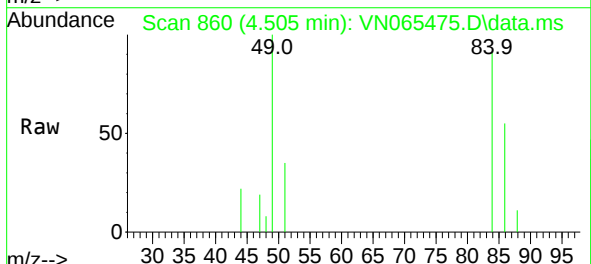


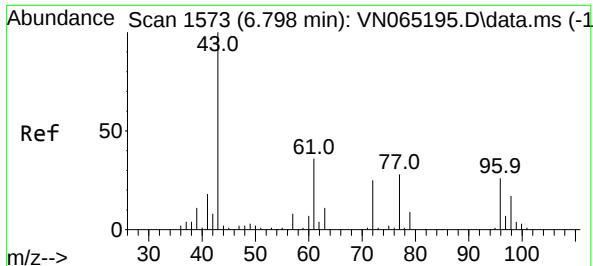
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
74 3.2 20.2 30.2#



#20
Methylene Chloride
Concen: 3.18 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 84 Resp: 7203
Ion Ratio Lower Upper
84 100
49 109.6 93.4 140.0
51 38.5 28.2 42.4
86 59.8 51.7 77.5

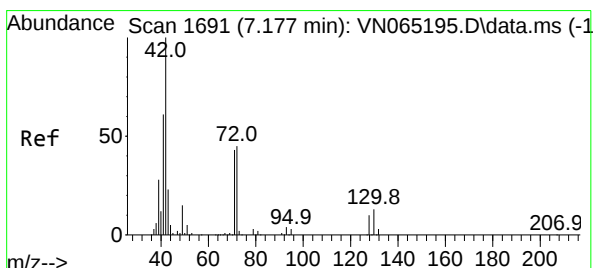
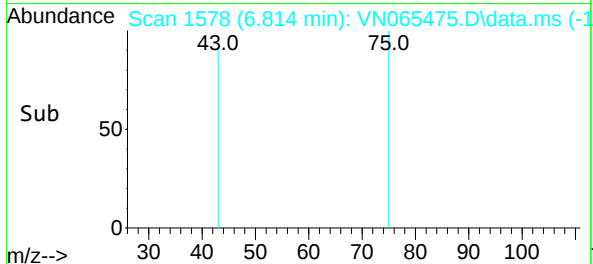
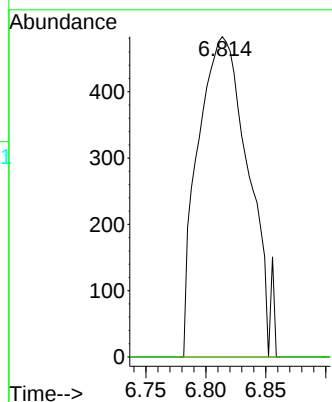
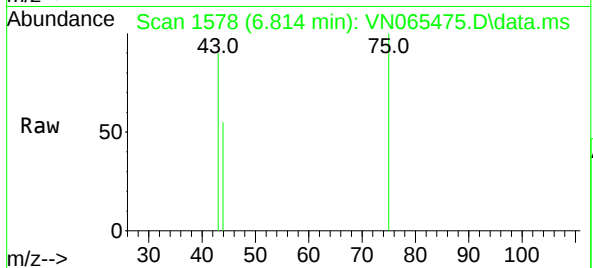




#25
2-Butanone
Concen: 1.09 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. 0.016 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

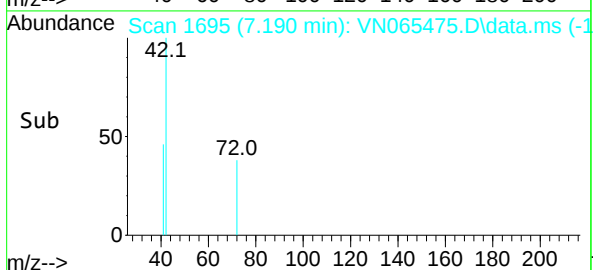
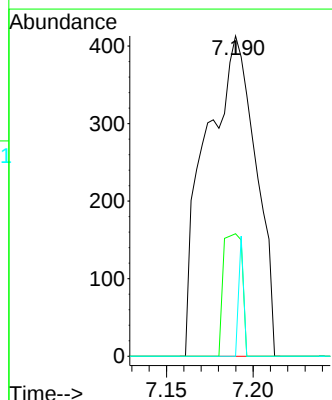
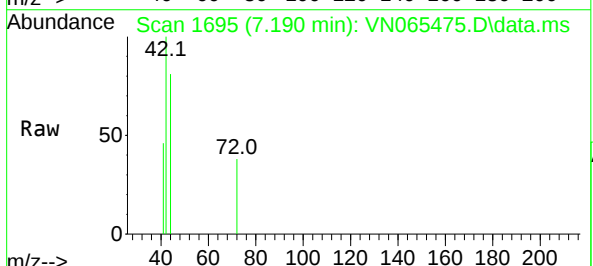
Instrument :
MSVOA_N
ClientSampled :

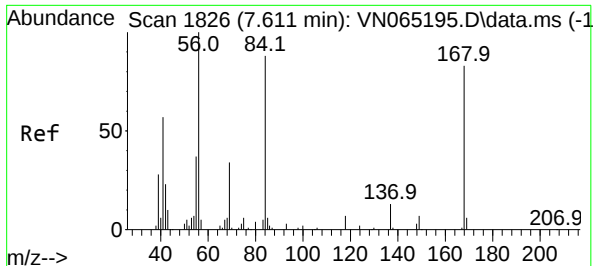
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.98 ug/l
RT: 7.190 min Scan# 1695
Delta R.T. 0.013 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

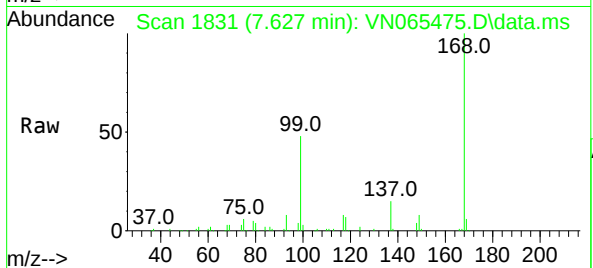
Tgt Ion: 42 Resp: 828
Ion Ratio Lower Upper
42 100
72 14.4 36.6 54.8#
71 3.6 33.6 50.4#



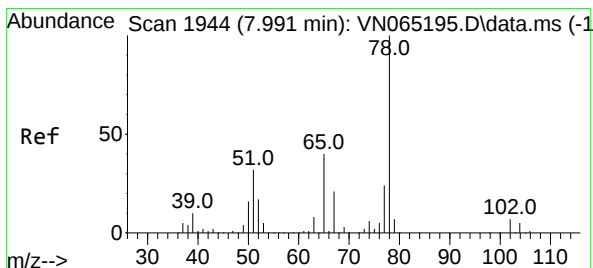
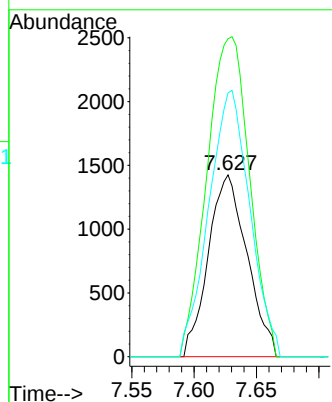
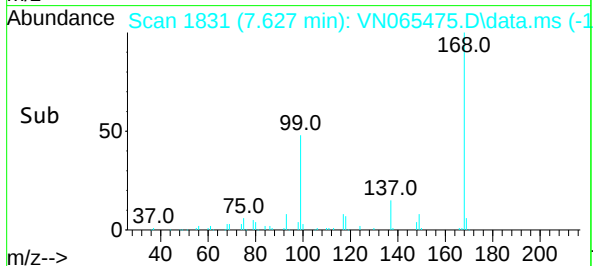


#31
Cyclohexane
Concen: 0.90 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

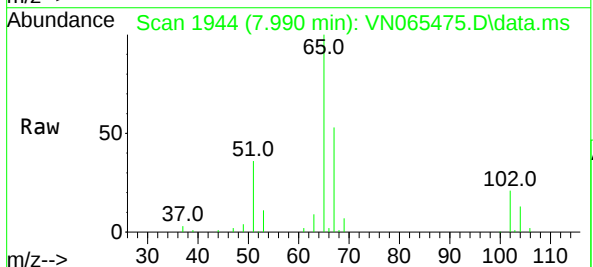
Instrument :
MSVOA_N
ClientSampleId :



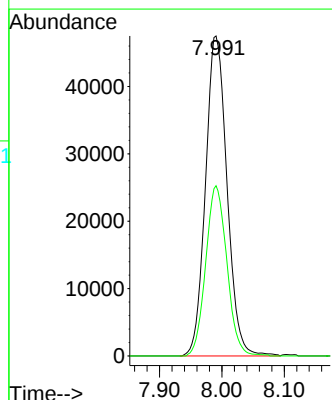
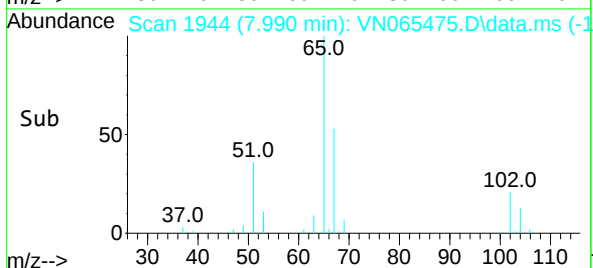
Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 174.9 27.5 41.3#
84 145.2 73.9 110.9#

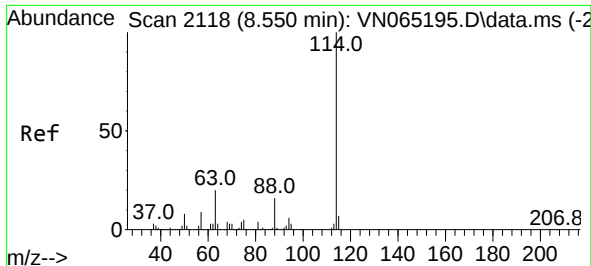


#33
1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09



Tgt Ion: 65 Resp: 113950
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.2

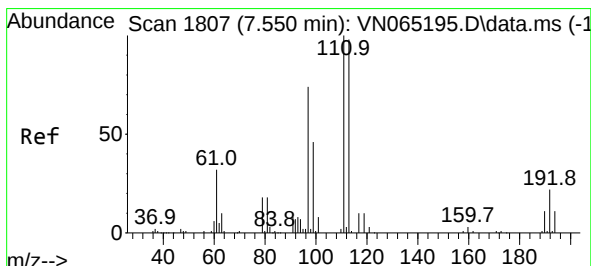
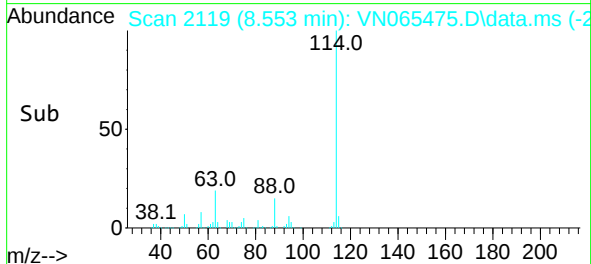
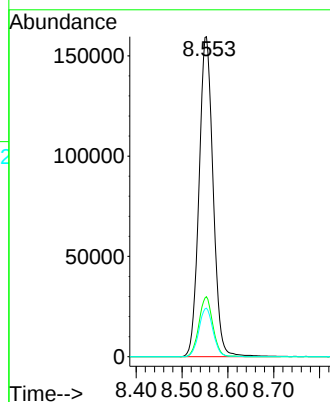
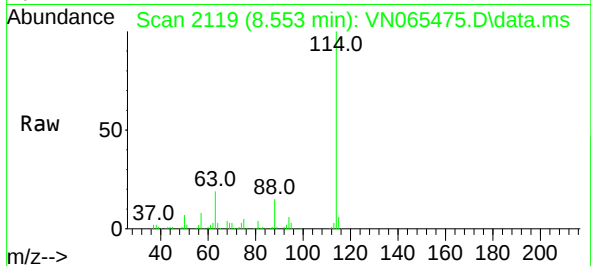




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

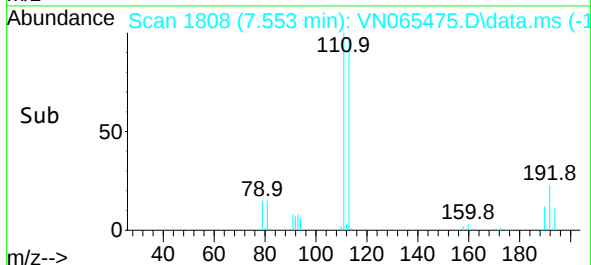
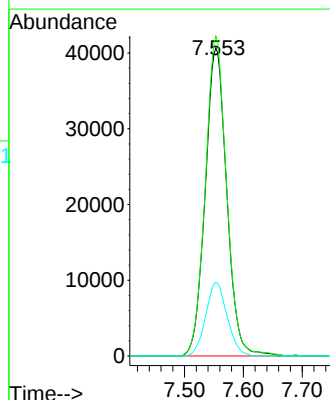
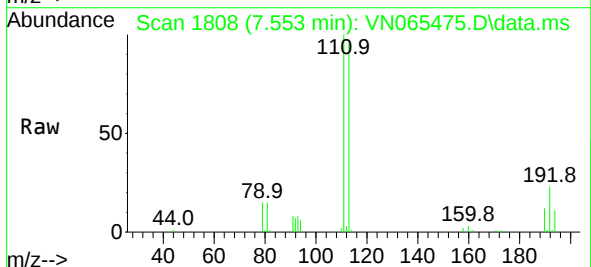
Instrument :
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ClientSampleId :

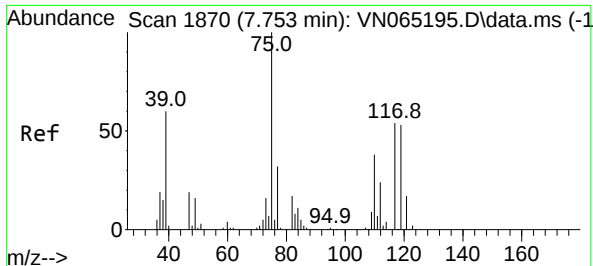
Tgt Ion:114 Resp: 340087
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.40 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

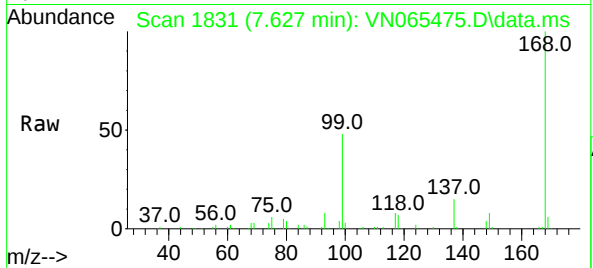
Tgt Ion:113 Resp: 103413
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 23.8 16.2 24.2



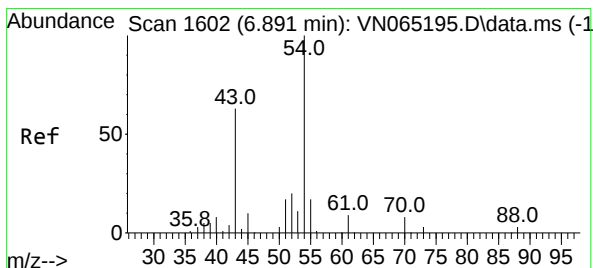
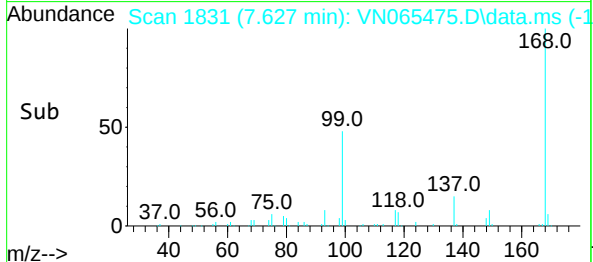
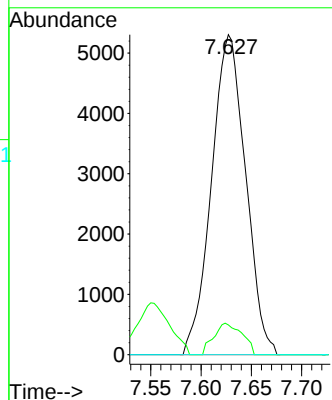


#36
1,1-Dichloropropene
Concen: 4.05 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Instrument :
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ClientSampleId :

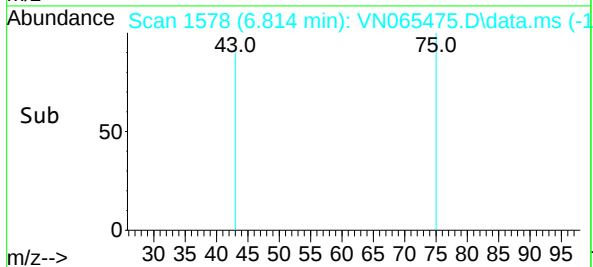
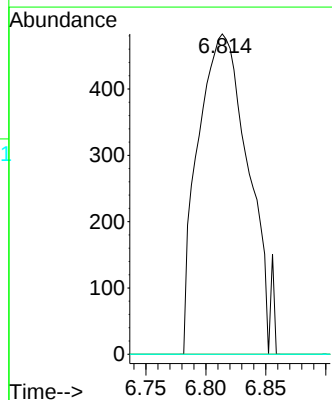
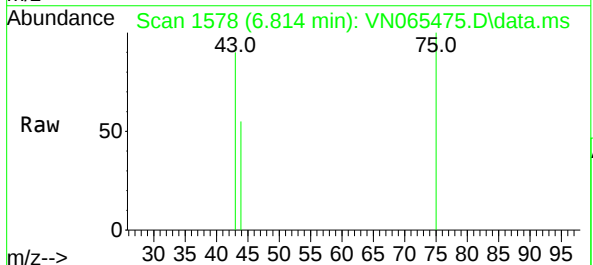


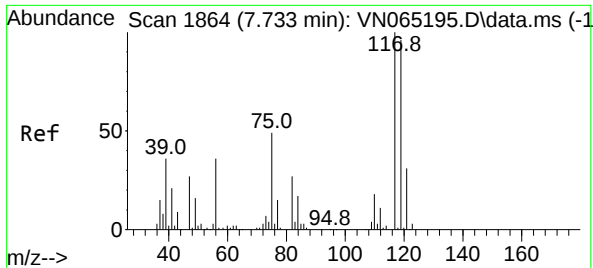
Tgt Ion: 75 Resp: 12514
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.46 ug/l
RT: 6.814 min Scan# 1578
Delta R.T. -0.077 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

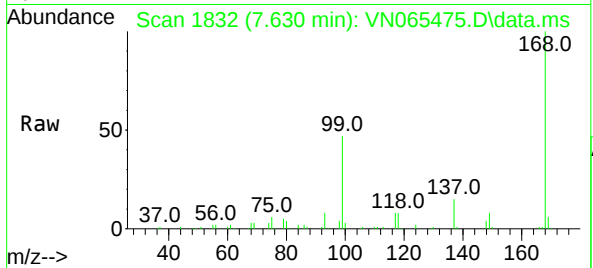
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



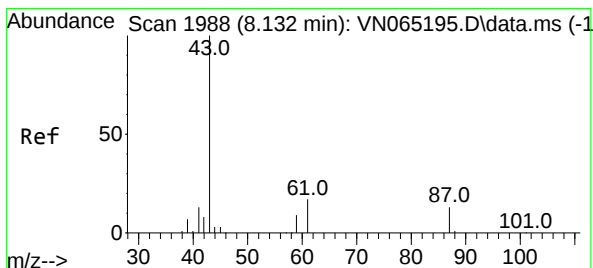
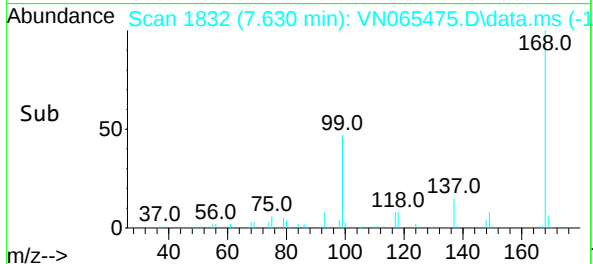
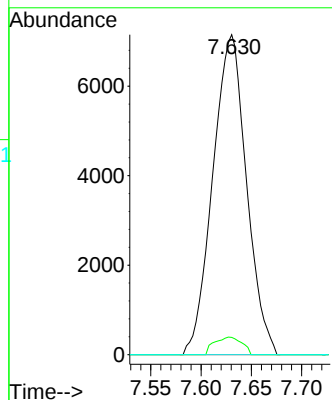


#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Instrument :
MSVOA_N
ClientSampleId :

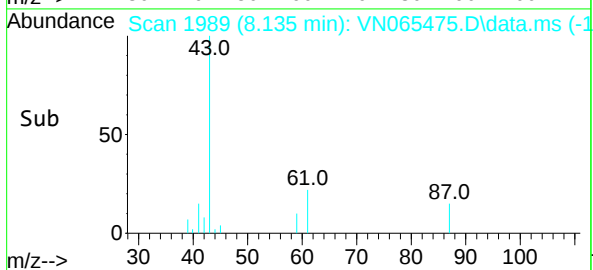
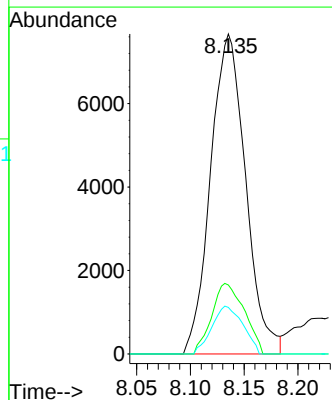
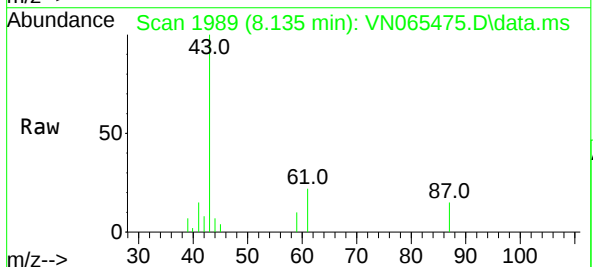


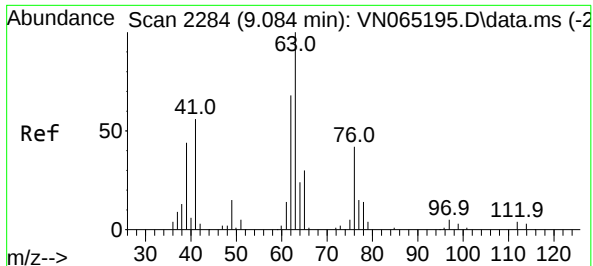
Tgt Ion:117 Resp: 16681
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 3.29 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 43 Resp: 17377
Ion Ratio Lower Upper
43 100
61 20.5 17.2 25.8
87 13.2 11.4 17.0

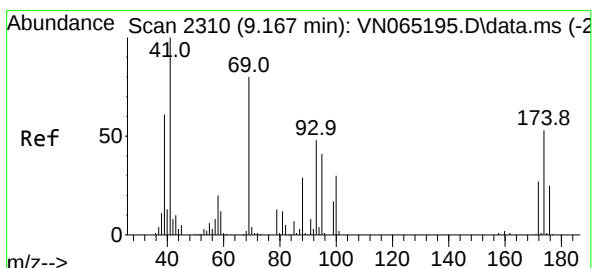
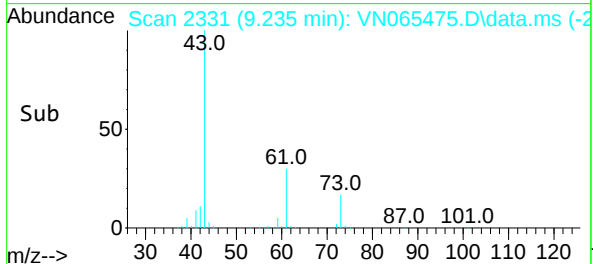
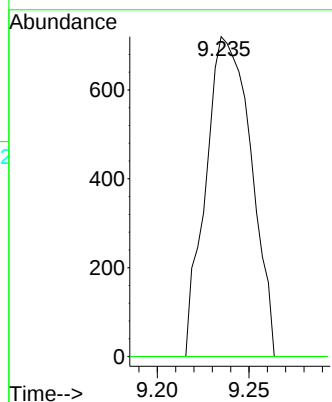
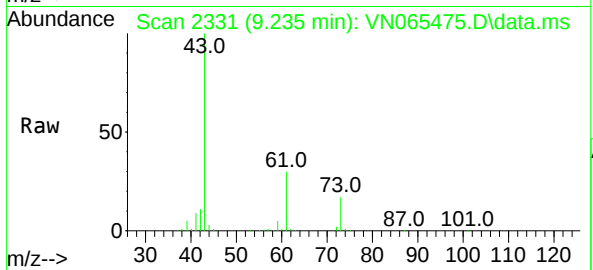




#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

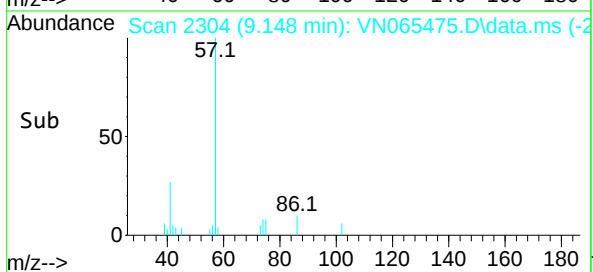
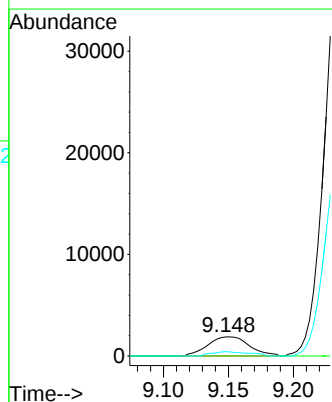
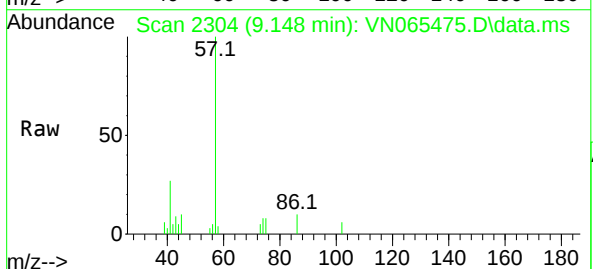
Instrument :
MSVOA_N
ClientSampled :

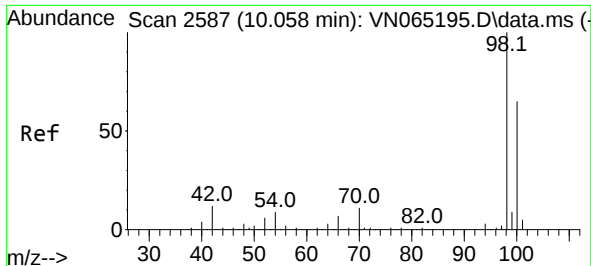
Tgt Ion: 63 Resp: 1235
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.63 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 41 Resp: 4183
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

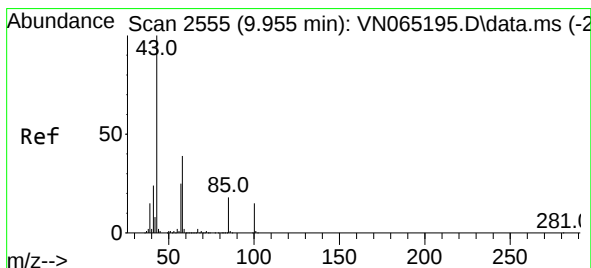
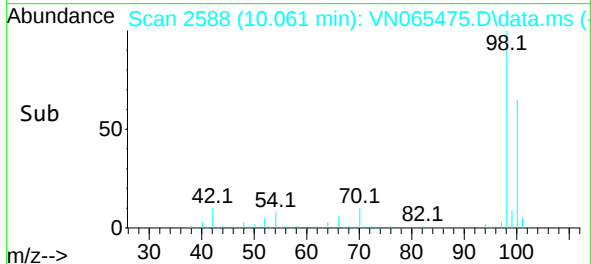
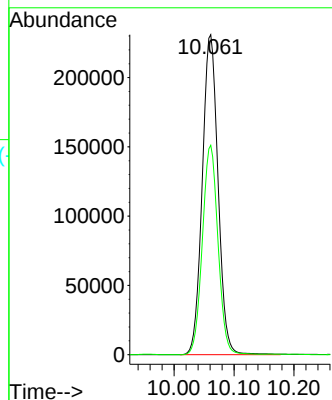
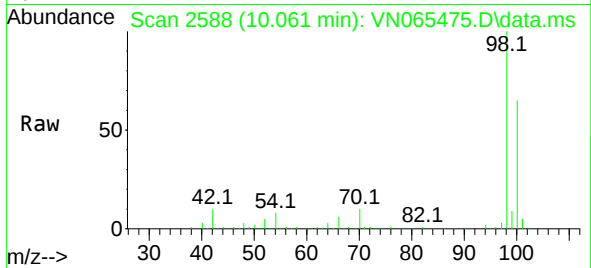




#50
Toluene-d8
Concen: 55.07 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

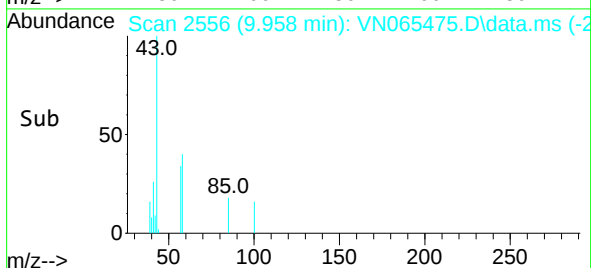
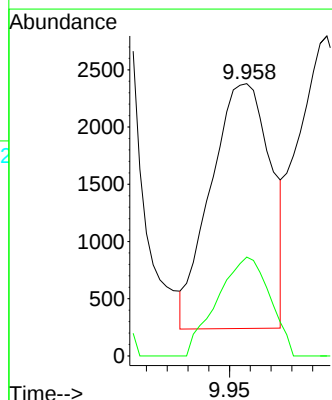
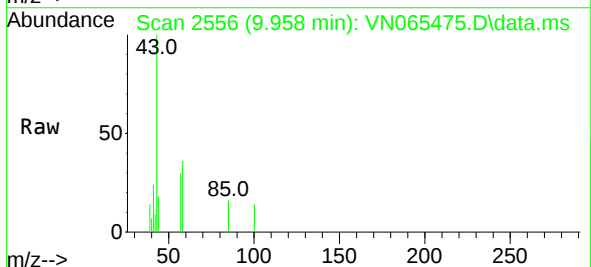
Instrument :
MSVOA_N
ClientSampled :

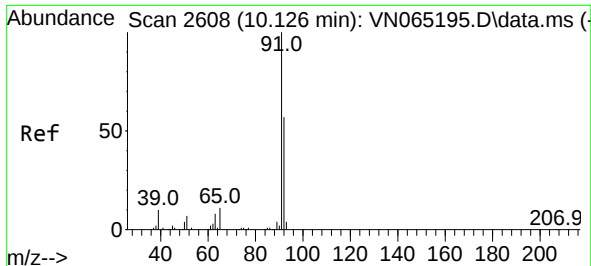
Tgt Ion: 98 Resp: 423517
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
58 35.4 32.4 48.6

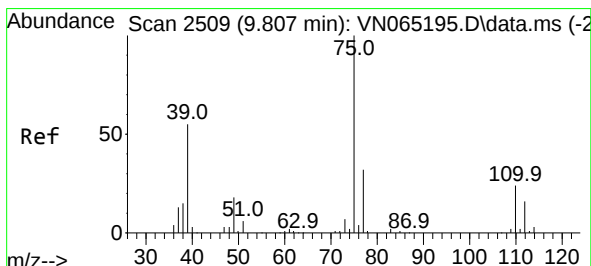
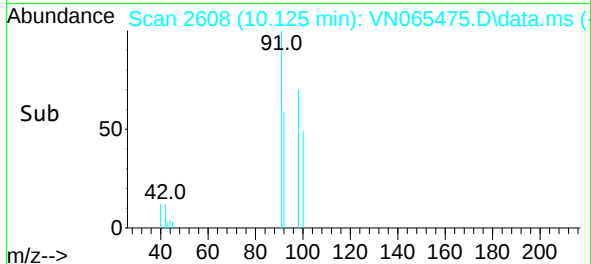
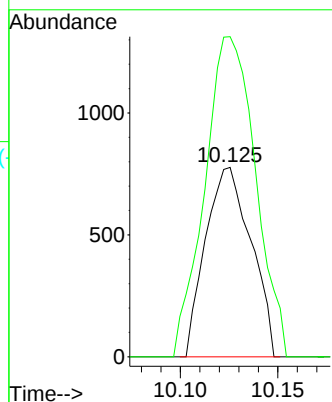
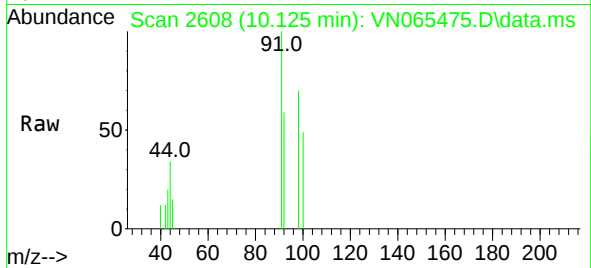




#52
Toluene
Concen: 0.22 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

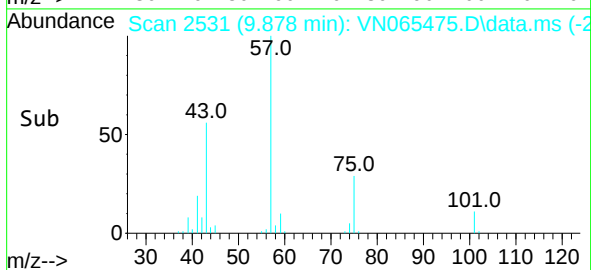
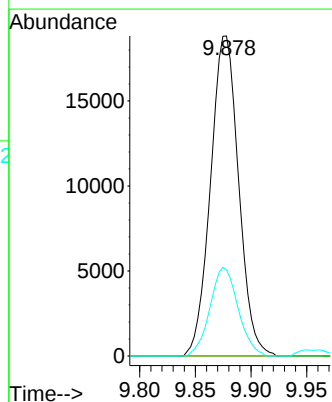
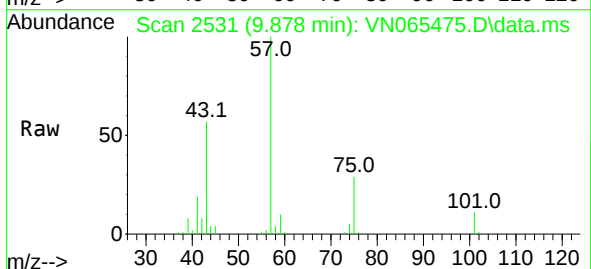
Instrument :
MSVOA_N
ClientSampled :

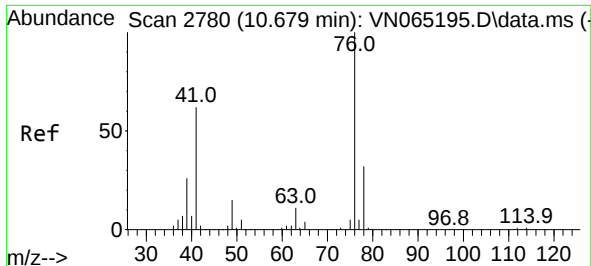
Tgt Ion: 92 Resp: 1261
Ion Ratio Lower Upper
92 100
91 188.5 139.1 208.7



#54
cis-1,3-Dichloropropene
Concen: 8.06 ug/l
RT: 9.878 min Scan# 2531
Delta R.T. 0.071 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 75 Resp: 33044
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 26.9 35.6 53.4#

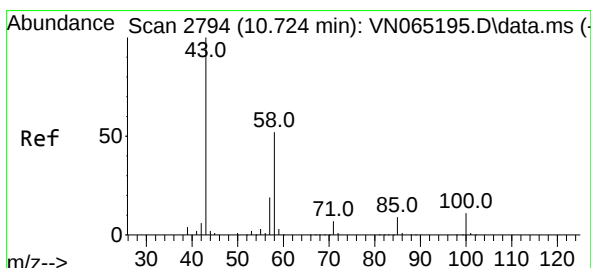
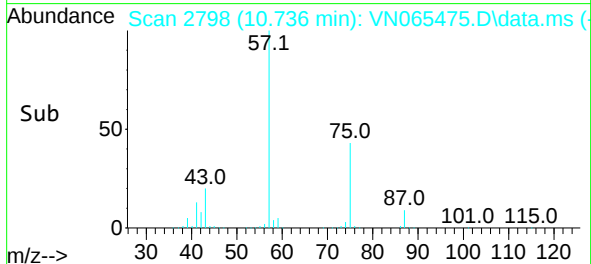
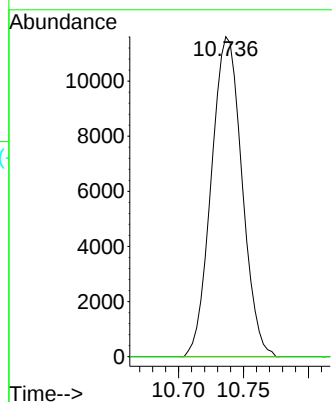
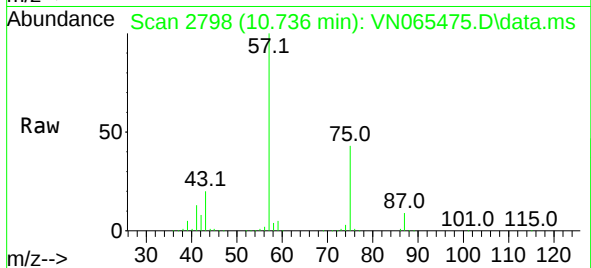




#57
1,3-Dichloropropane
Concen: 5.04 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

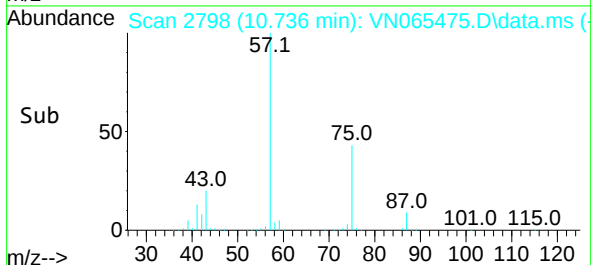
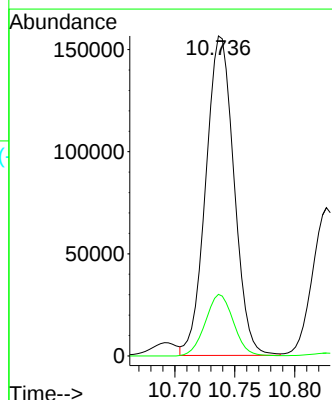
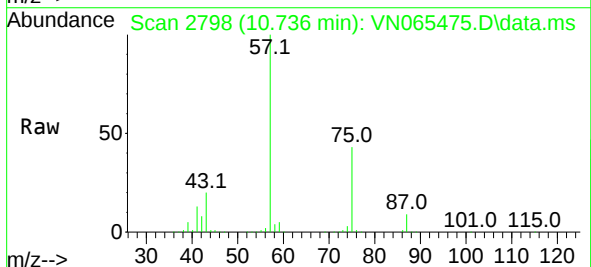
Instrument :
MSVOA_N
ClientSampleId :

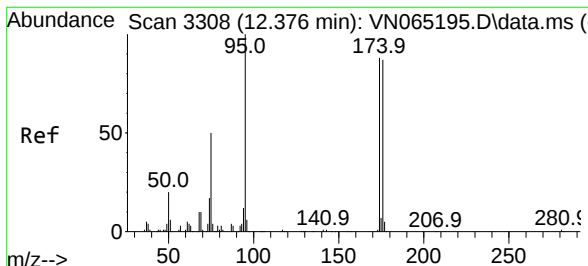
Tgt Ion: 76 Resp: 19072
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 117.03 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 43 Resp: 255532
Ion Ratio Lower Upper
43 100
58 19.3 28.3 84.9#

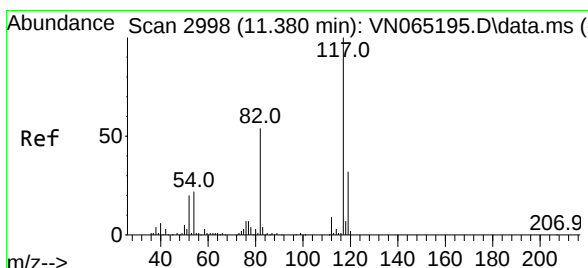
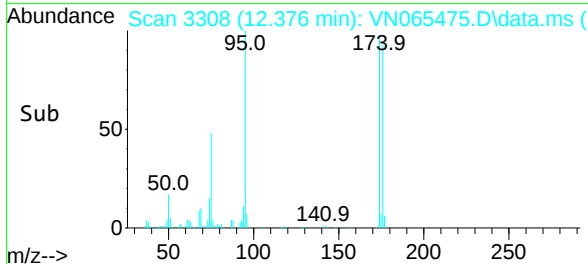
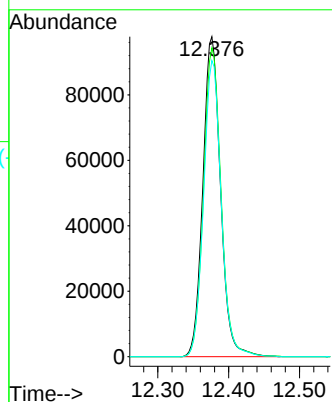
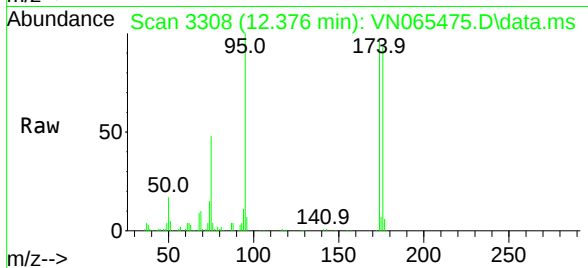




#62
4-Bromofluorobenzene
Concen: 55.06 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

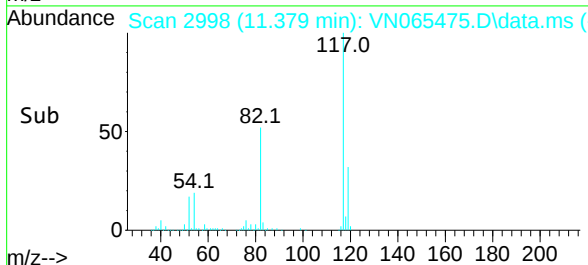
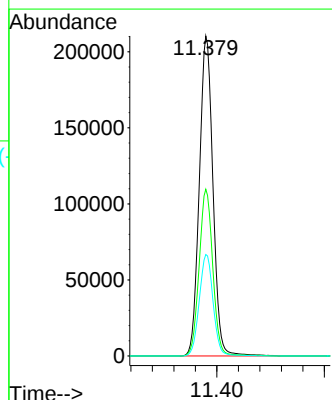
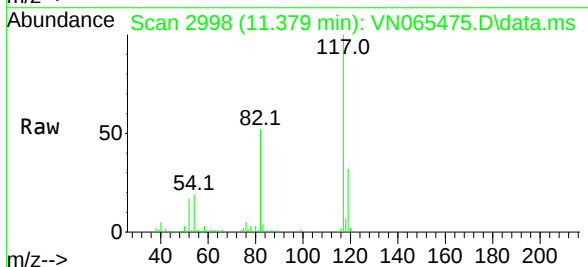
Instrument :
MSVOA_N
ClientSampleId :

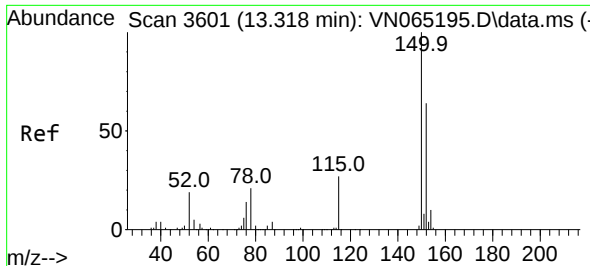
Tgt Ion: 95 Resp: 169203
Ion Ratio Lower Upper
95 100
174 96.4 0.0 160.4
176 92.4 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 117 Resp: 370678
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 31.7 25.8 38.6

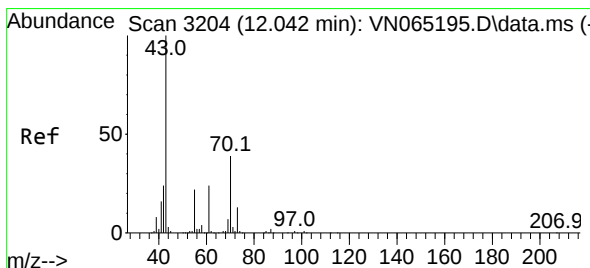
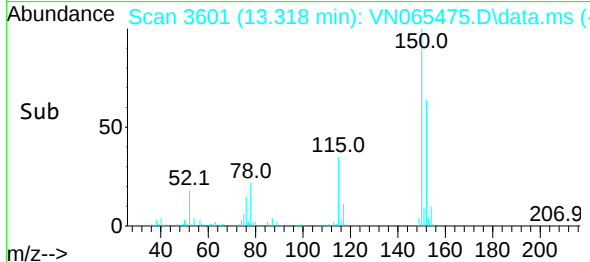
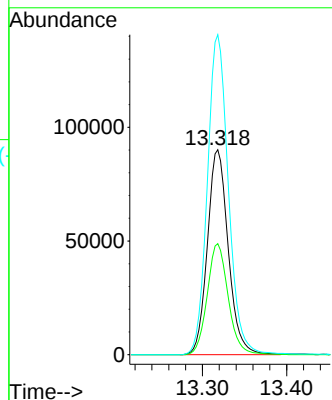
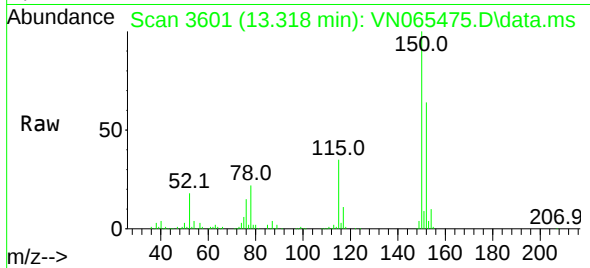




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

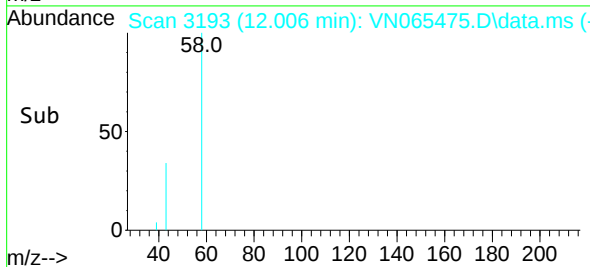
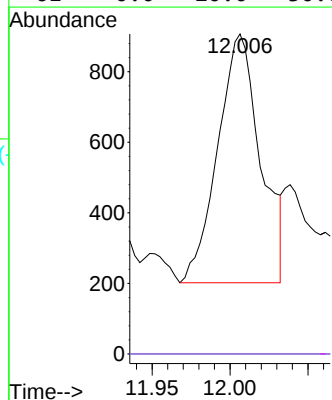
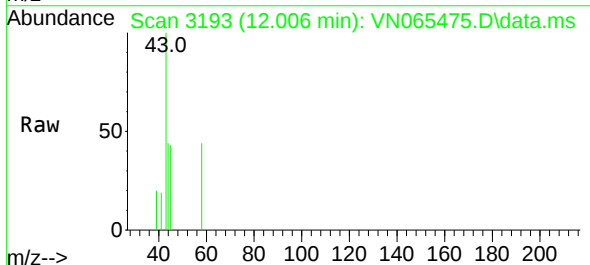
Instrument :
MSVOA_N
ClientSampleId :

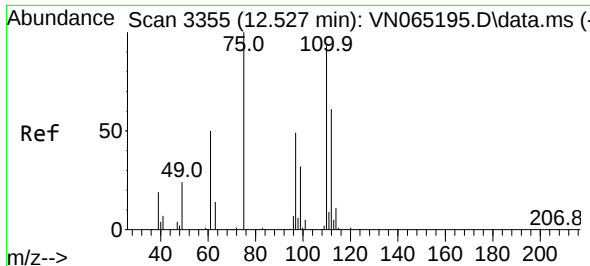
Tgt Ion:152 Resp: 155339
Ion Ratio Lower Upper
152 100
115 54.4 29.7 89.1
150 157.3 0.0 350.6



#74
N-ethyl acetate
Concen: 0.29 ug/l
RT: 12.006 min Scan# 3193
Delta R.T. -0.036 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

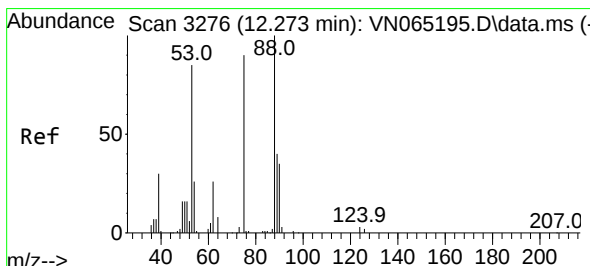
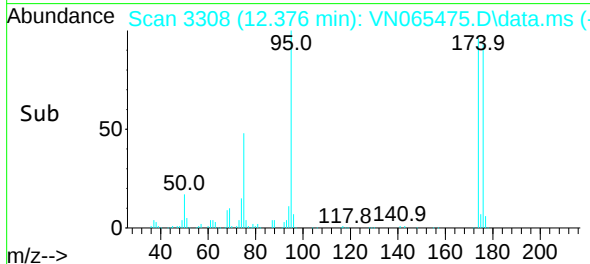
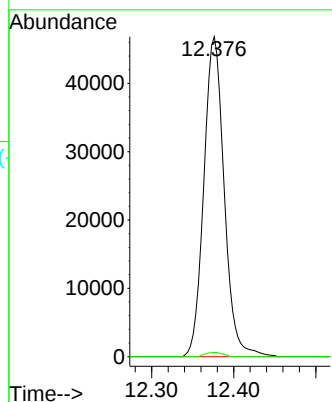
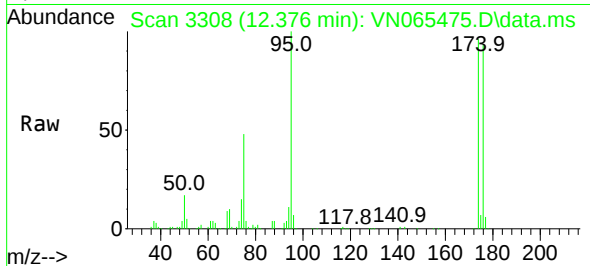




#76
1,2,3-Trichloropropane
Concen: 25.44 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 80627
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065475.D
Acq: 11 Jan 2021 18:09

Tgt Ion: 75 Resp: 80627
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

