

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065261.D
 Acq On : 24 Dec 2020 15:03
 Operator : JC/MD
 Sample : L5139-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 25 02:38:09 2020
 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)

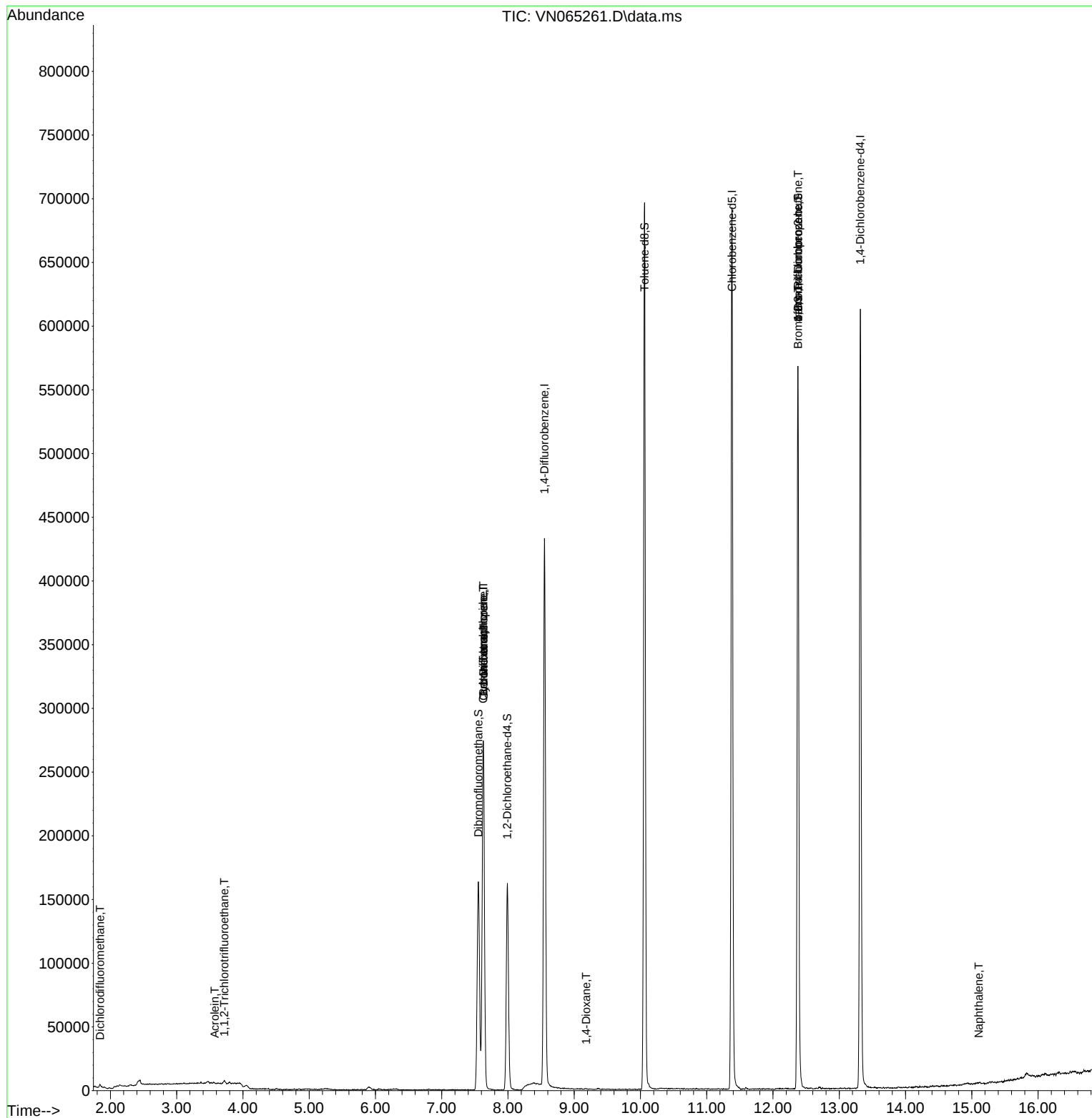
Internal Standards						
1) Pentafluorobenzene	7.627	168	246525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	400129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	416691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	178966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	142051	51.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.08%			
35) Dibromofluoromethane	7.553	113	125116	51.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.66%			
50) Toluene-d8	10.061	98	492618	54.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.90%			
62) 4-Bromofluorobenzene	12.376	95	197760	54.73	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.843	85	1858	0.81	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.717	101	1269	0.56	ug/l #	80
13) Acrolein	3.573	56	126	2.82	ug/l #	39
16) Acetone	3.782	43	160	Below Cal	#	43
31) Cyclohexane	7.630	56	4291	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16220	4.46	ug/l #	49
38) Carbon Tetrachloride	7.624	117	20912	5.47	ug/l #	16
49) 1,4-Dioxane	9.180	88	336	6.87	ug/l #	52
71) Bromoform	12.379	173	1151	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100241	27.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100241	69.23	ug/l #	15
95) Naphthalene	15.106	128	503	3.42	ug/l #	69

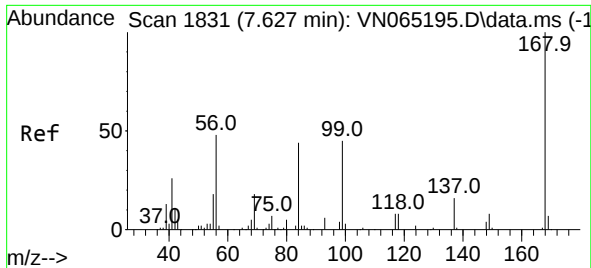
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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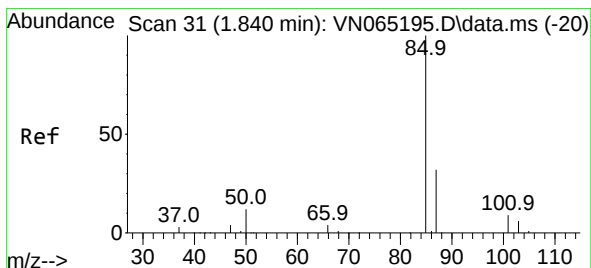
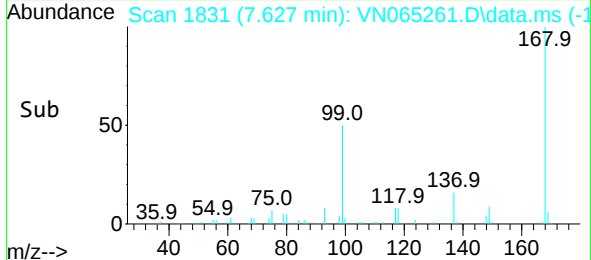
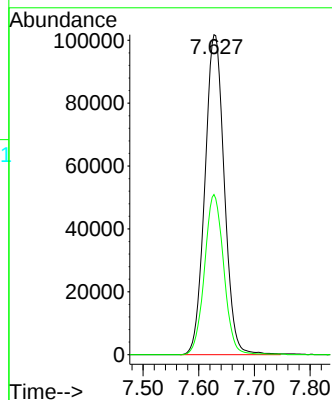
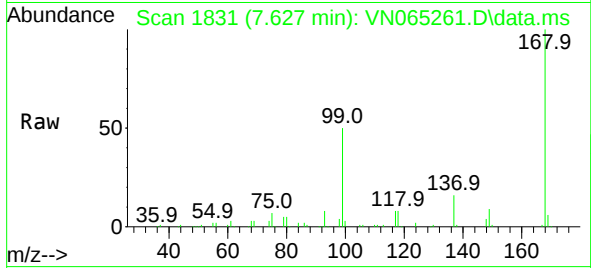




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

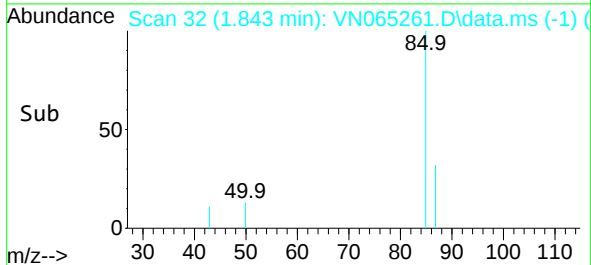
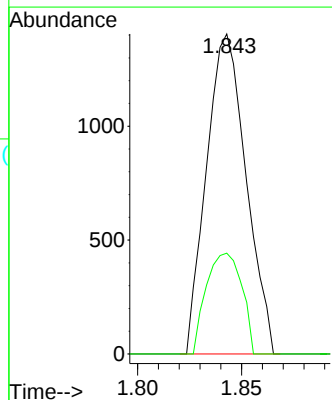
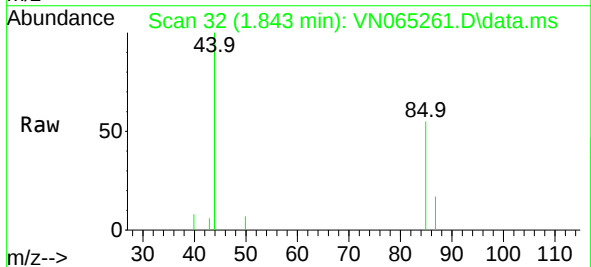
Instrument :
MSVOA_N
ClientSampled :

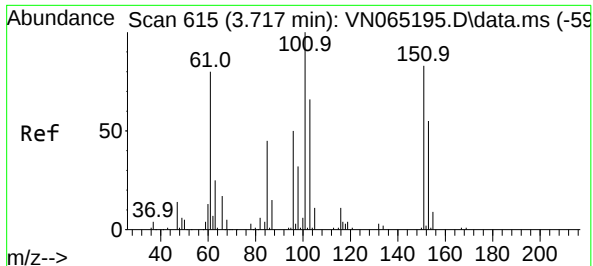
Tgt Ion:168 Resp: 246525
Ion Ratio Lower Upper
168 100
99 50.1 43.0 64.4



#2
Dichlorodifluoromethane
Concen: 0.81 ug/l
RT: 1.843 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Tgt Ion: 85 Resp: 1858
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.4

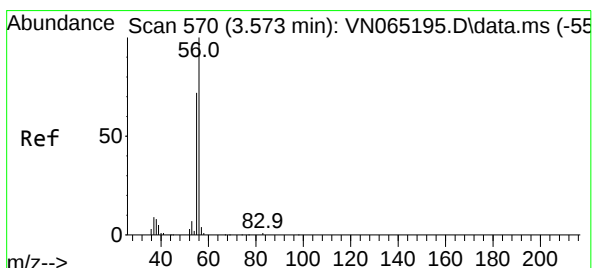
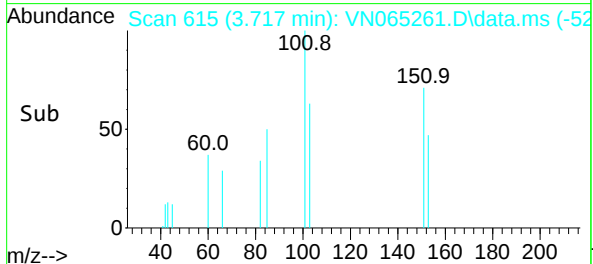
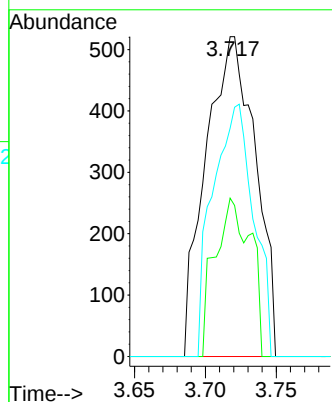
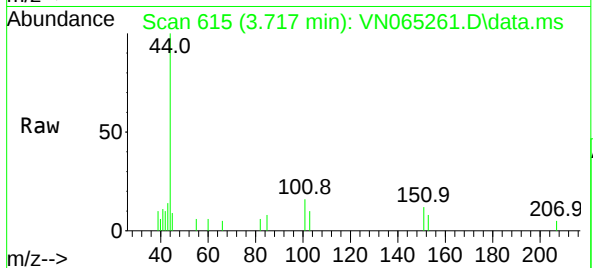




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.56 ug/l
RT: 3.717 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

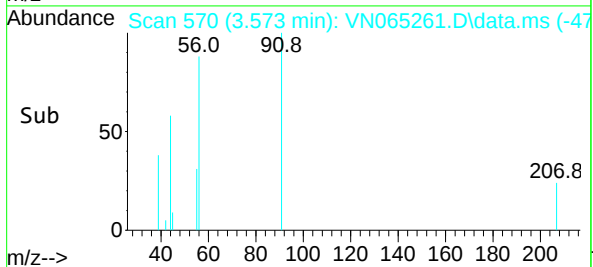
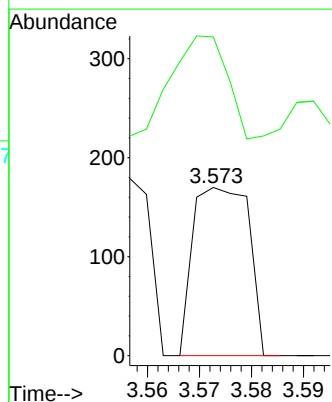
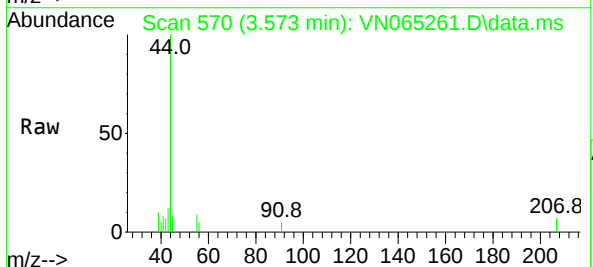
Instrument :
MSVOA_N
ClientSampled :

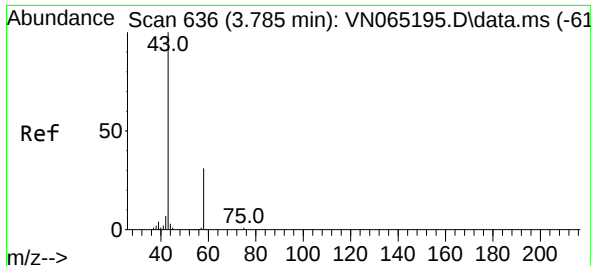
Tgt Ion:101 Resp: 1269
Ion Ratio Lower Upper
101 100
85 27.0 34.4 51.6#
151 64.9 64.0 96.0



#13
Acrolein
Concen: 2.82 ug/l
RT: 3.573 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 120.6 56.5 84.7#

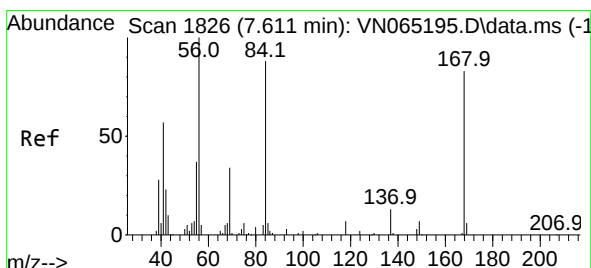
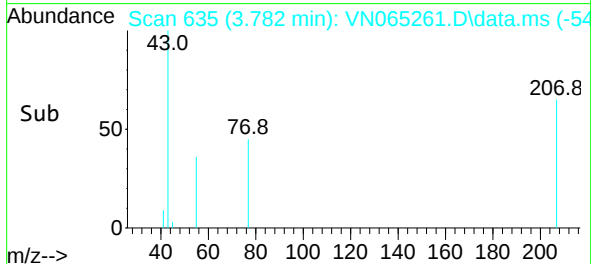
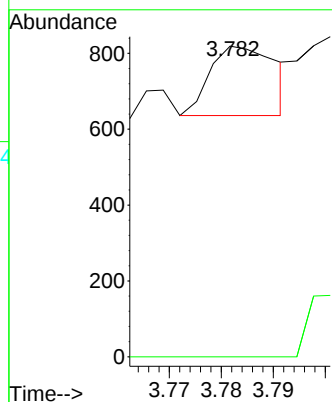
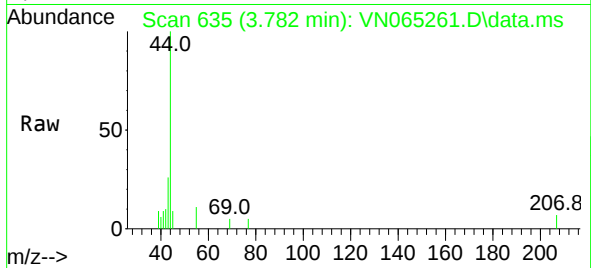




#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.003 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

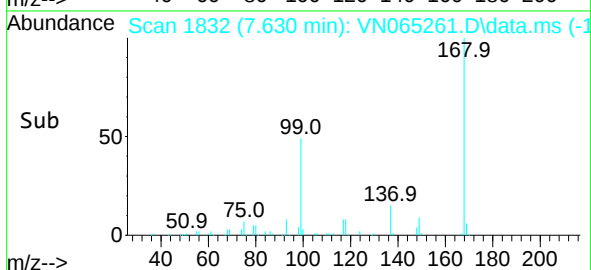
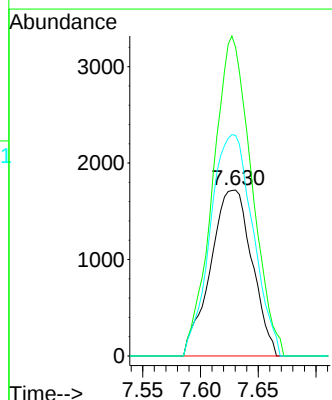
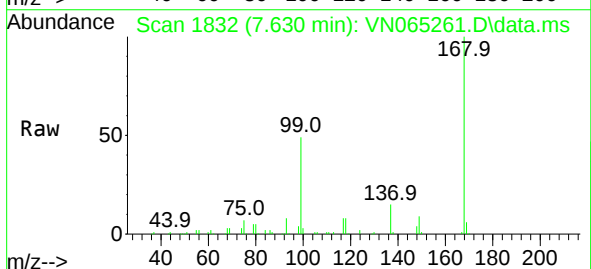
Instrument :
MSVOA_N
ClientSampled :

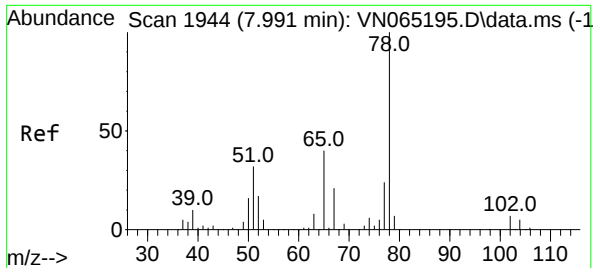
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Tgt Ion: 56 Resp: 4291
Ion Ratio Lower Upper
56 100
69 186.2 27.5 41.3#
84 133.0 73.9 110.9#

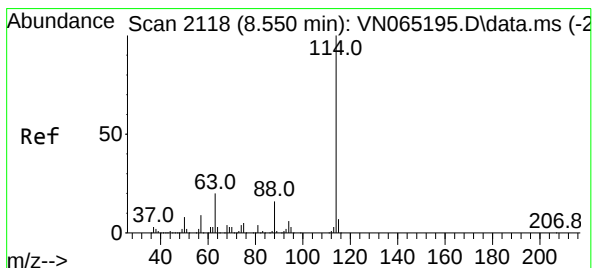
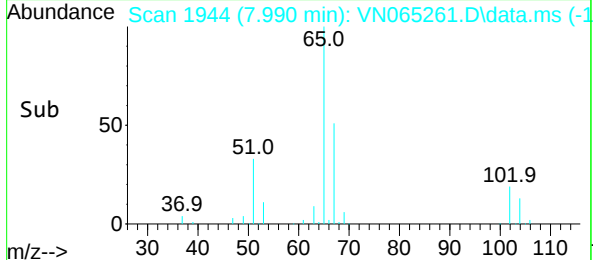
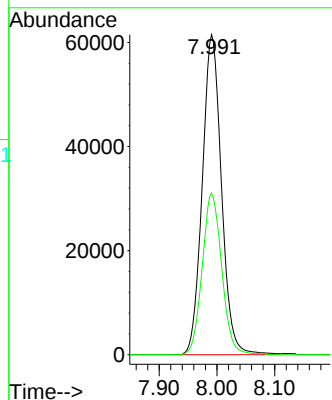
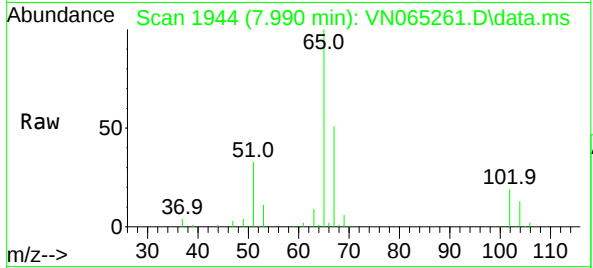




#33
1,2-Dichloroethane-d4
Concen: 51.04 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

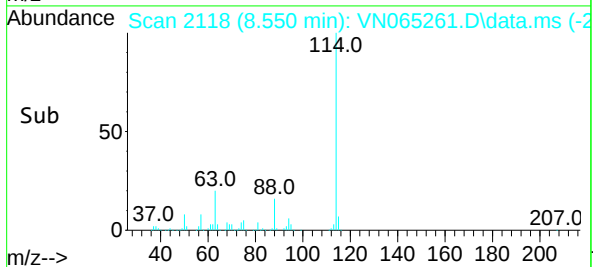
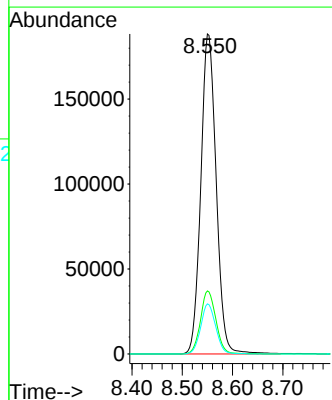
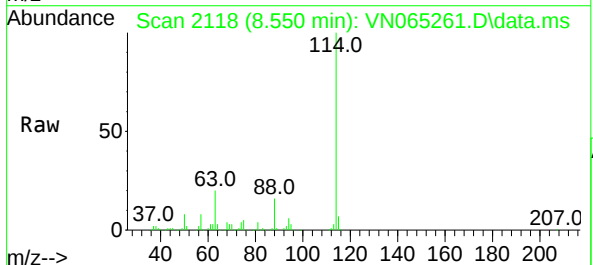
Instrument :
MSVOA_N
ClientSampled :

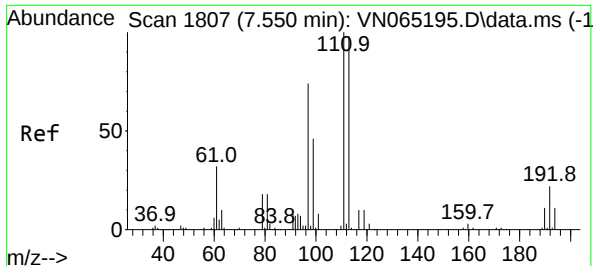
Tgt Ion: 65 Resp: 142051
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

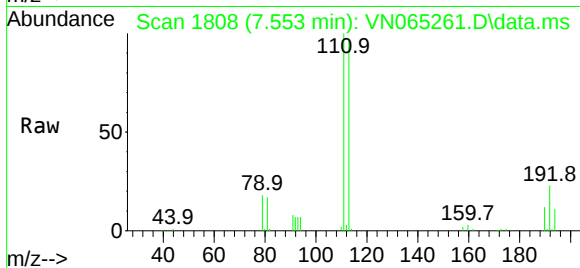
Tgt Ion: 114 Resp: 400129
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.6 0.0 32.6



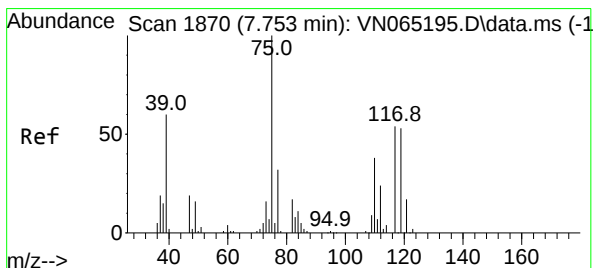
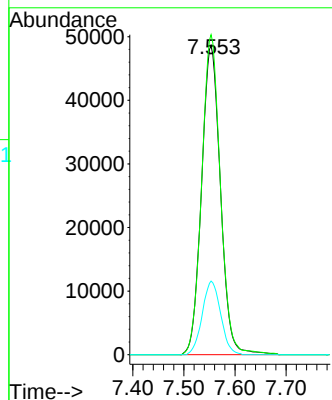
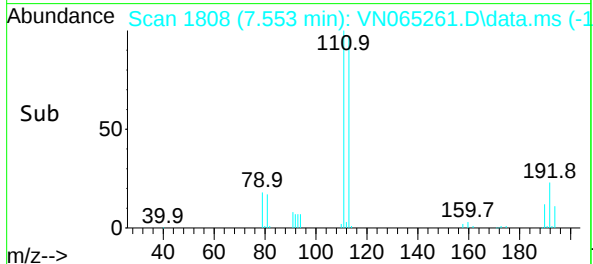


#35
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

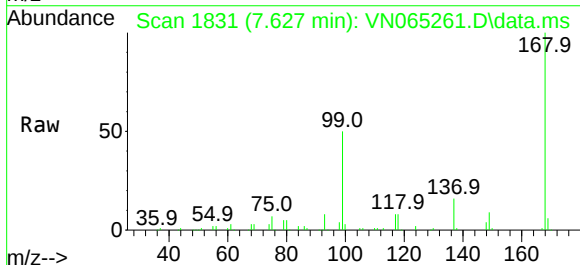
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MSVOA_N
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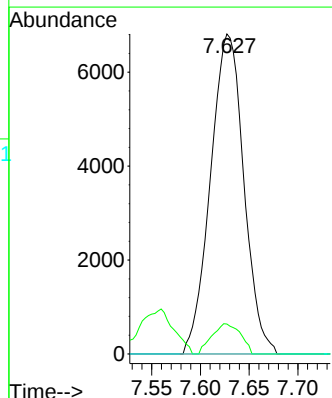
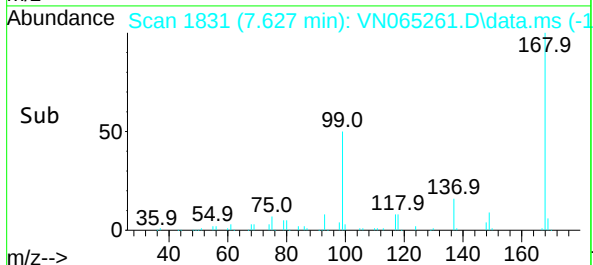
Tgt Ion:113 Resp: 125116
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 23.1 16.2 24.2

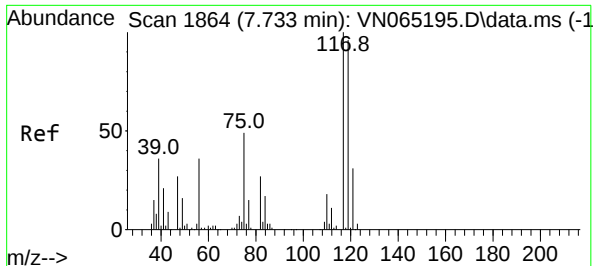


#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03



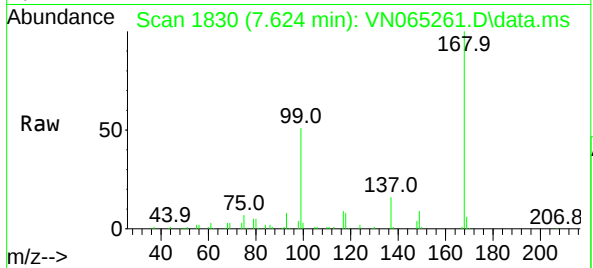
Tgt Ion: 75 Resp: 16220
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#



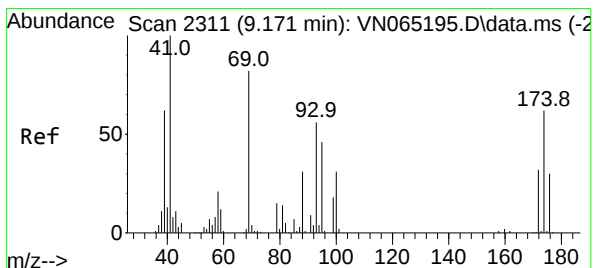
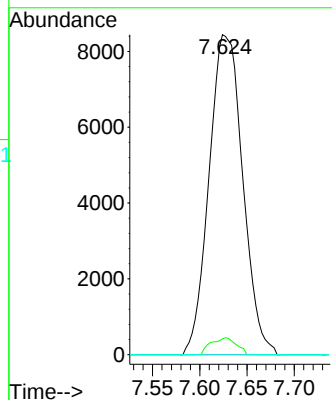
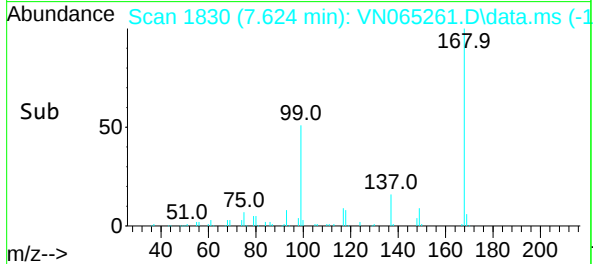


#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

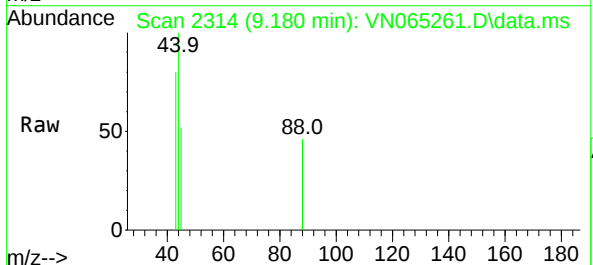
Instrument :
MSVOA_N
ClientSampled :



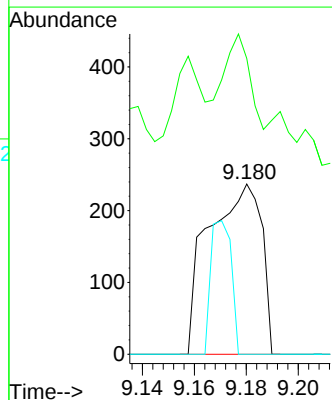
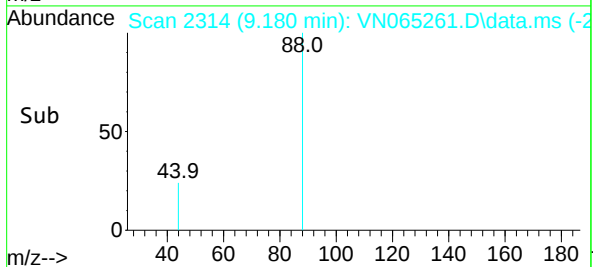
Tgt Ion:117 Resp: 20912
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.4 38.2#

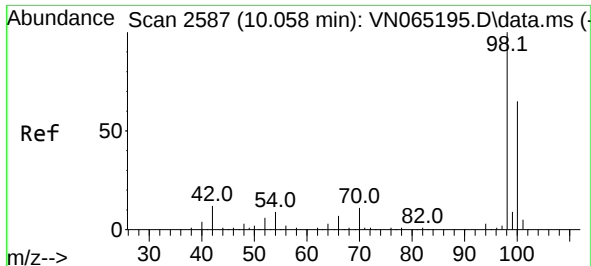


#49
1,4-Dioxane
Concen: 6.87 ug/l
RT: 9.180 min Scan# 2314
Delta R.T. 0.009 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03



Tgt Ion: 88 Resp: 336
Ion Ratio Lower Upper
88 100
43 59.8 24.2 36.4#
58 30.4 52.5 78.7#

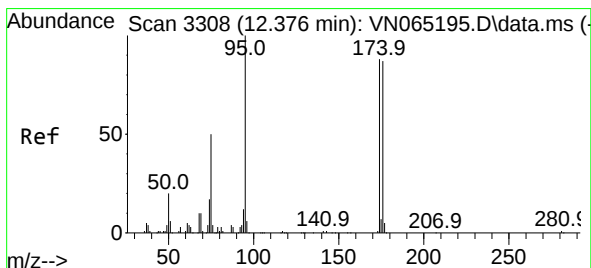
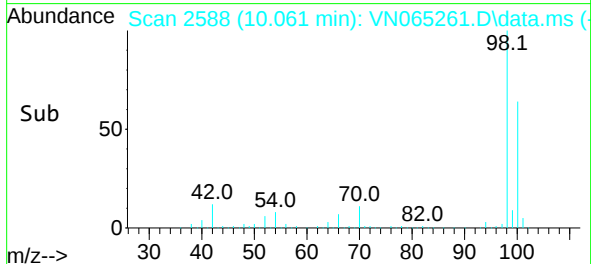
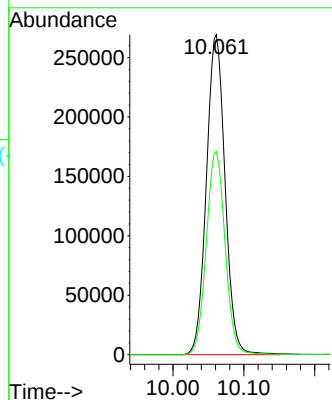
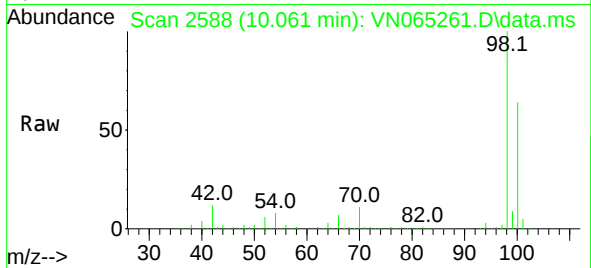




#50
Toluene-d8
Concen: 54.45 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

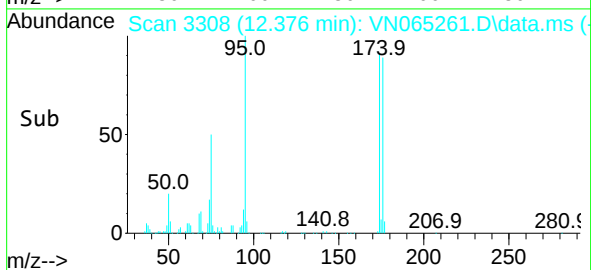
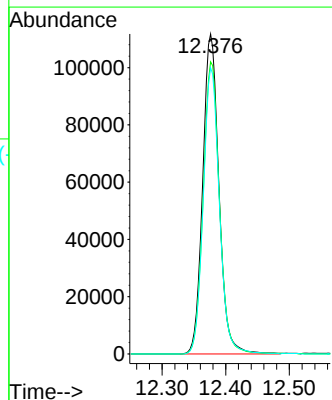
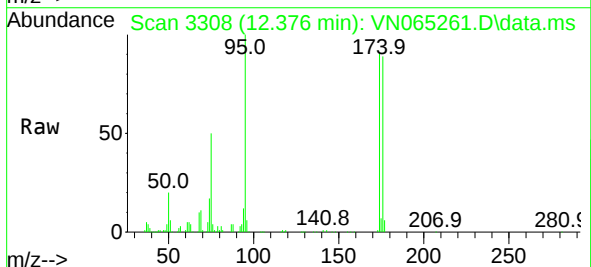
Instrument :
MSVOA_N
ClientSampled :

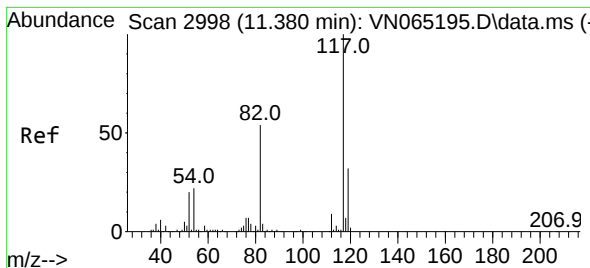
Tgt Ion: 98 Resp: 492618
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 54.73 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

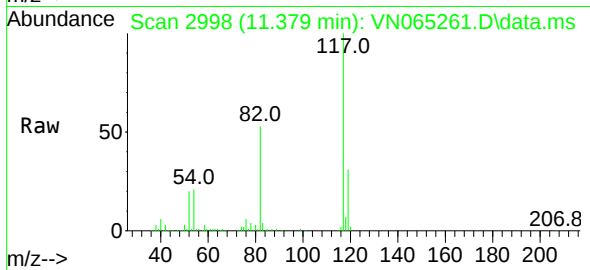
Tgt Ion: 95 Resp: 197760
Ion Ratio Lower Upper
95 100
174 91.7 0.0 160.4
176 88.8 0.0 158.4



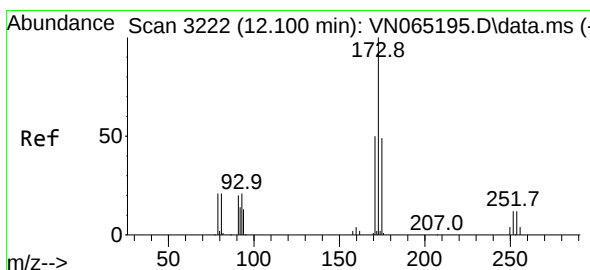
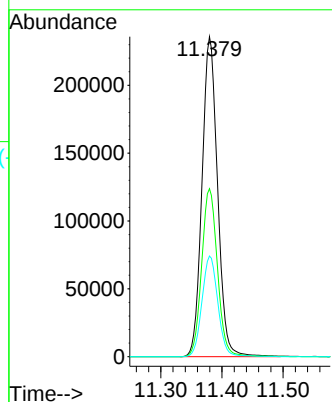
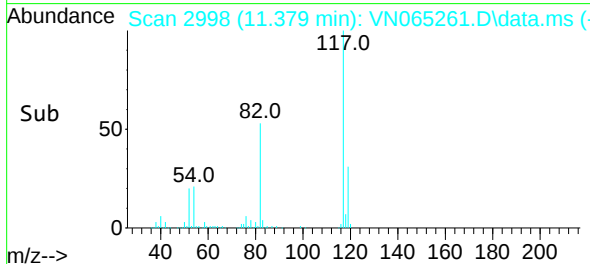


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

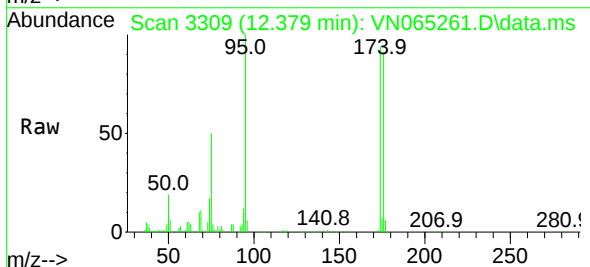
Instrument :
MSVOA_N
ClientSampled :



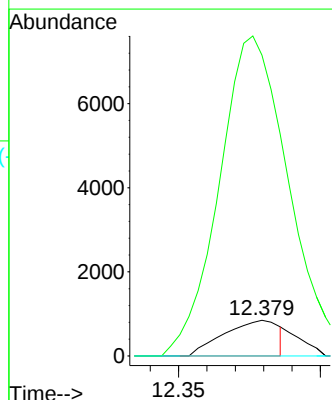
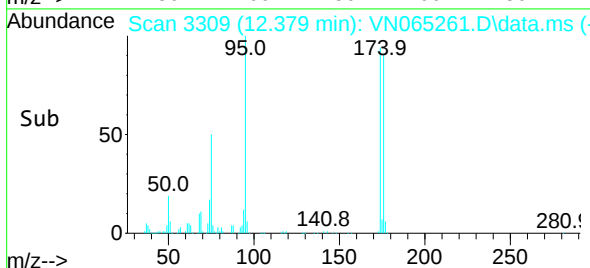
Tgt Ion:117 Resp: 416691
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.5 25.8 38.6

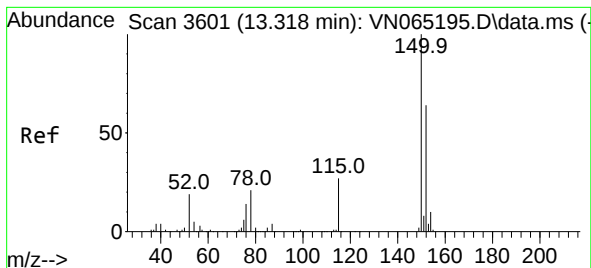


#71
Bromoform
Concen: 0.41 ug/l
RT: 12.379 min Scan# 3309
Delta R.T. 0.279 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03



Tgt Ion:173 Resp: 1151
Ion Ratio Lower Upper
173 100
175 917.1 24.3 72.8#
254 0.0 0.0 0.0

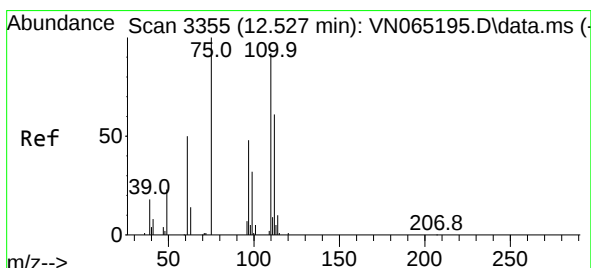
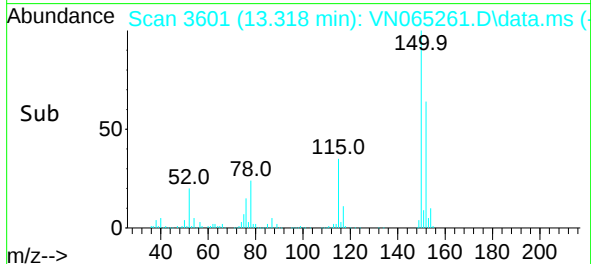
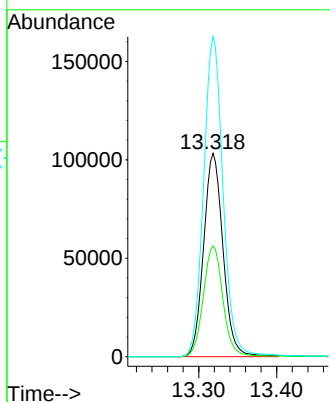
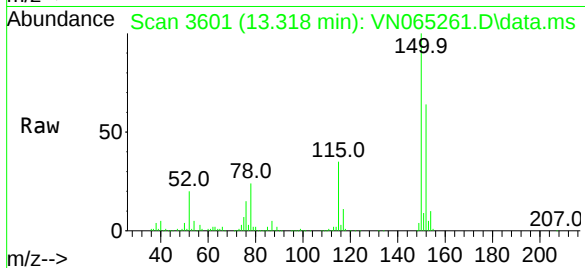




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

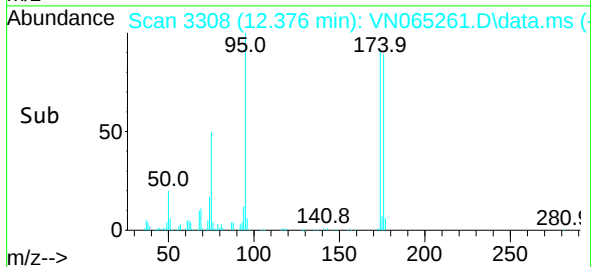
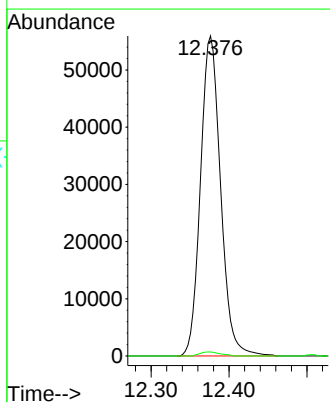
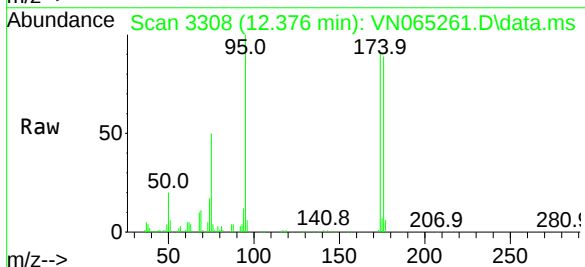
Instrument :
MSVOA_N
ClientSampled :

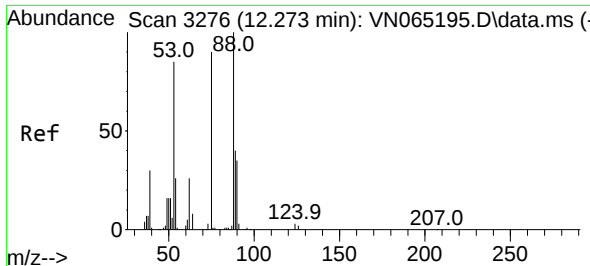
Tgt Ion:152 Resp: 178966
Ion Ratio Lower Upper
152 100
115 55.3 29.7 89.1
150 158.5 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 27.45 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Tgt Ion: 75 Resp: 100241
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

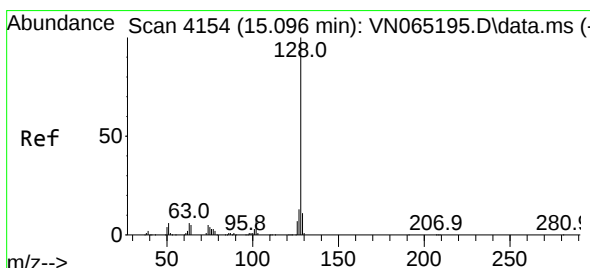
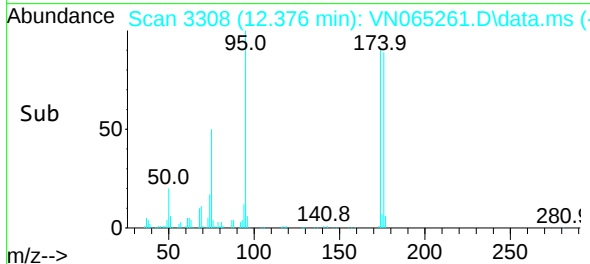
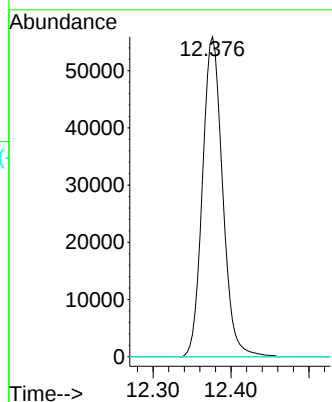
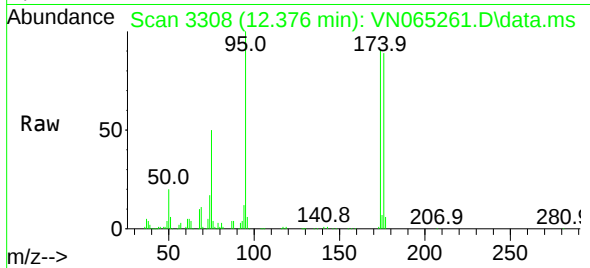




#81
trans-1,4-Dichloro-2-butene
Concen: 69.23 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 100241
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#95
Naphthalene
Concen: 3.42 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065261.D
Acq: 24 Dec 2020 15:03

Tgt Ion:128 Resp: 503
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

