

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065986.D
 Acq On : 23 Feb 2021 15:15
 Operator : JC/MD
 Sample : M1470-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:35:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

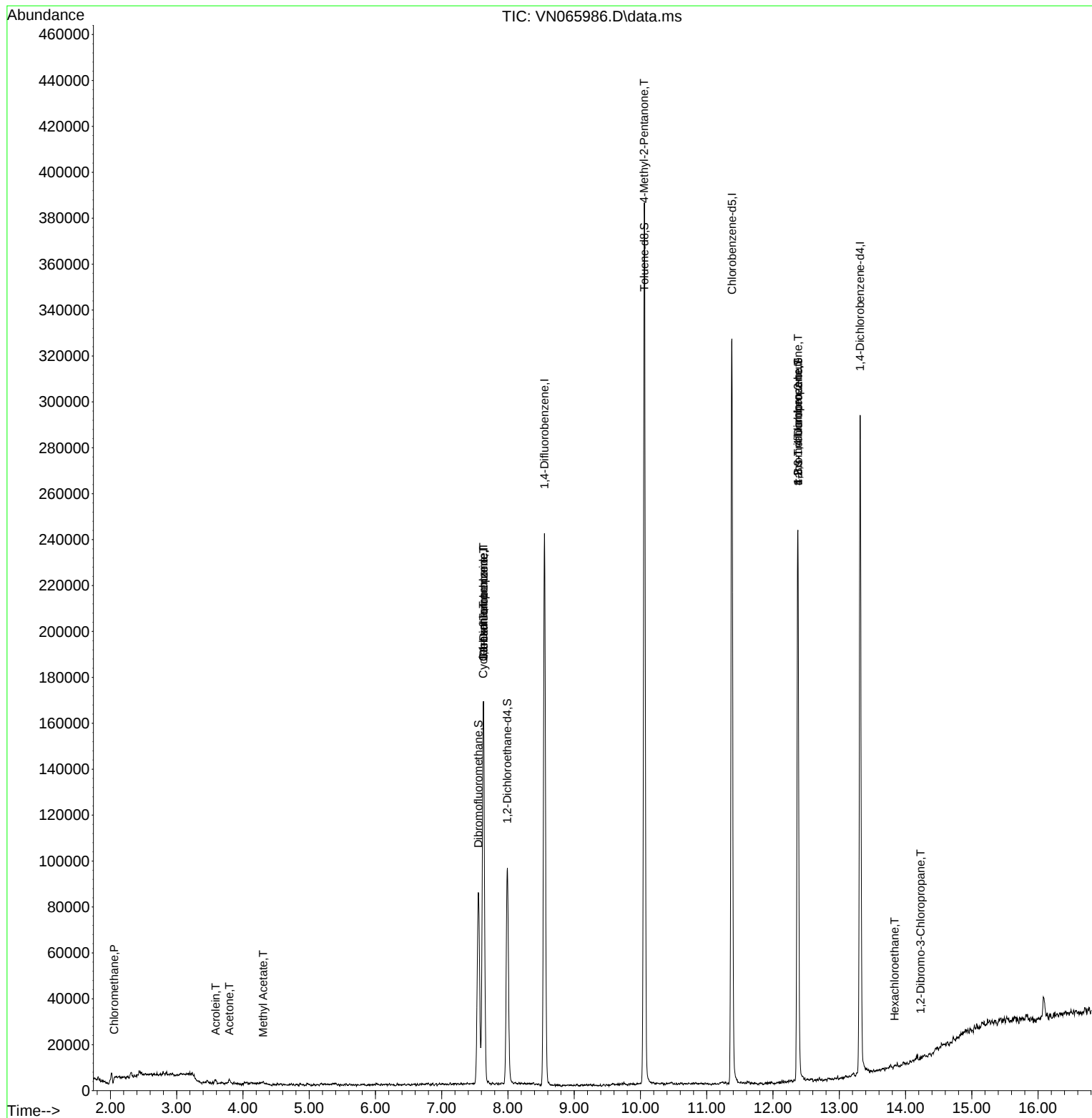
Internal Standards						
1) Pentafluorobenzene	7.630	168	136149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	223491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	201078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	82139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	87700	46.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.12%		
35) Dibromofluoromethane	7.553	113	66968	48.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.84%		
50) Toluene-d8	10.058	98	270889	47.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.42%		
62) 4-Bromofluorobenzene	12.376	95	96366	45.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.42%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	1013	0.45	ug/l	98
13) Acrolein	3.589	56	1754	7.24	ug/l	97
16) Acetone	3.795	43	3582	4.41	ug/l #	79
18) Methyl Acetate	4.306	43	519	0.33	ug/l #	51
31) Cyclohexane	7.624	56	2519	0.89	ug/l #	2
36) 1,1-Dichloropropene	7.627	75	10443	4.74	ug/l #	45
38) Carbon Tetrachloride	7.627	117	13734	6.71	ug/l #	18
51) 4-Methyl-2-Pentanone	10.055	43	1164	0.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	49646	25.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	49646	80.18	ug/l #	12
90) Hexachloroethane	13.836	117	374	0.40	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.228	75	206	1.37	ug/l #	1

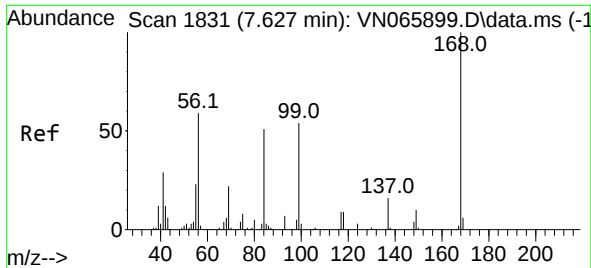
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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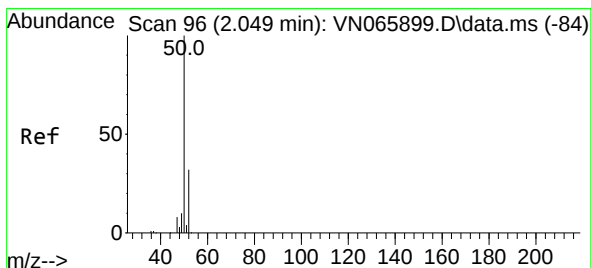
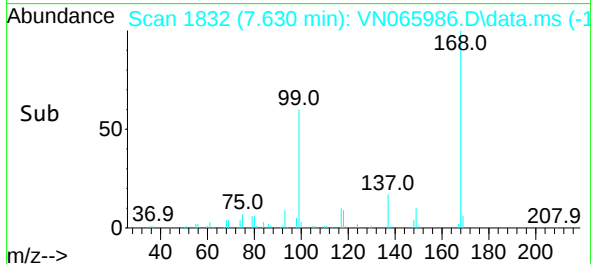
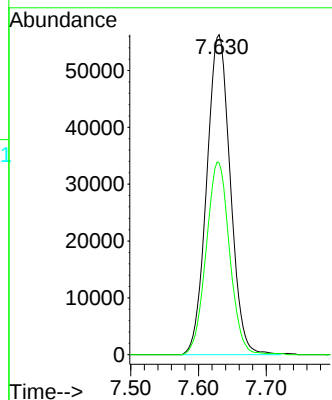
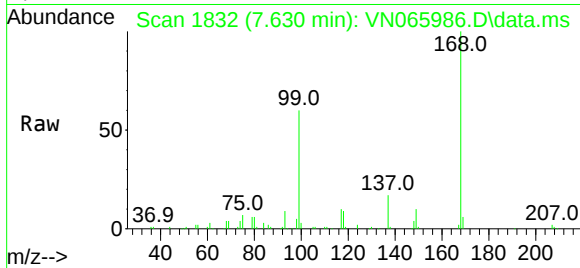




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

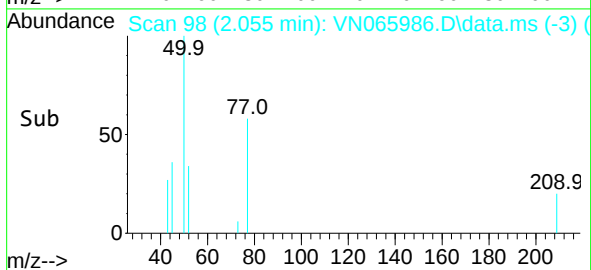
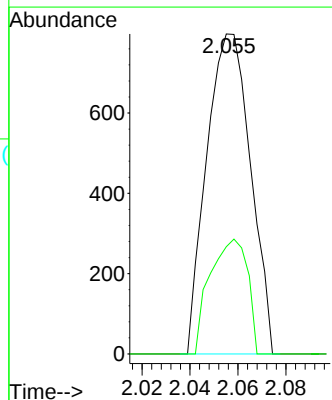
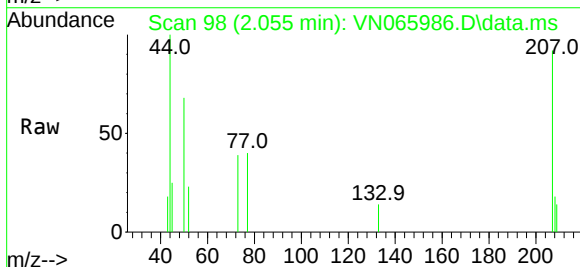
Instrument :
MSVOA_N
ClientSampled :

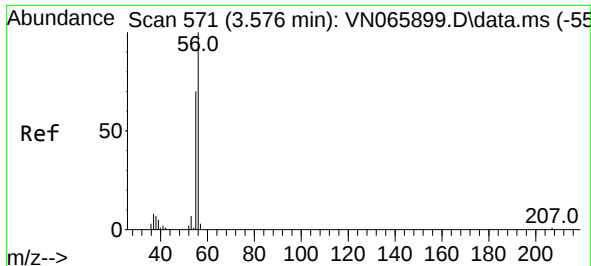
Tgt Ion:168 Resp: 136149
Ion Ratio Lower Upper
168 100
99 59.9 42.6 63.8



#3
Chloromethane
Concen: 0.45 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 50 Resp: 1013
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.8

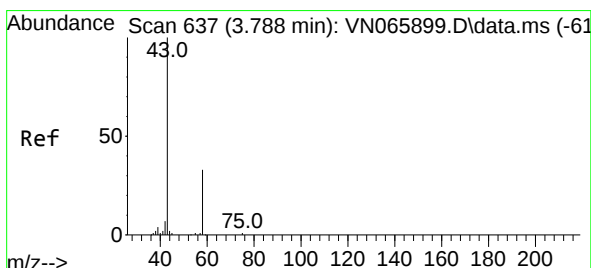
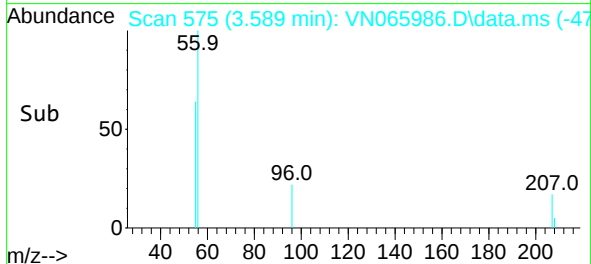
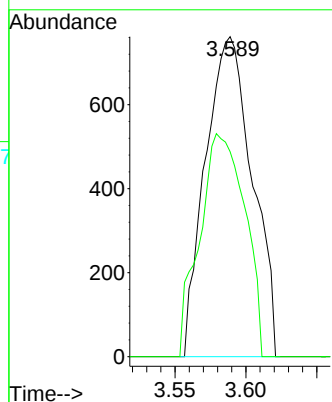
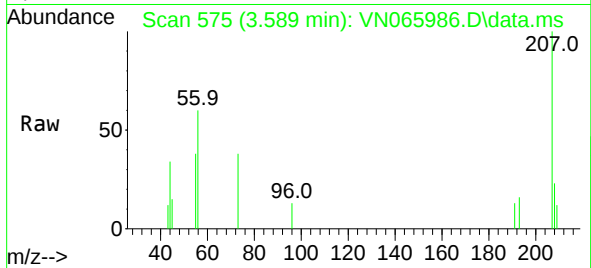




#13
Acrolein
Concen: 7.24 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

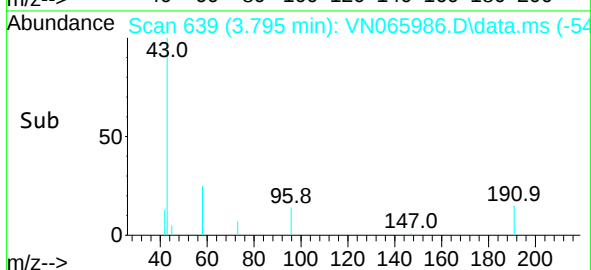
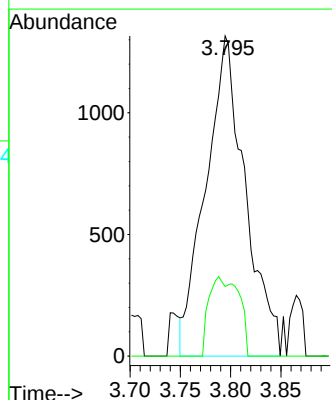
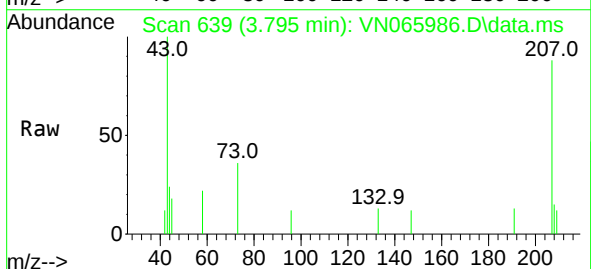
Instrument :
MSVOA_N
ClientSampled :

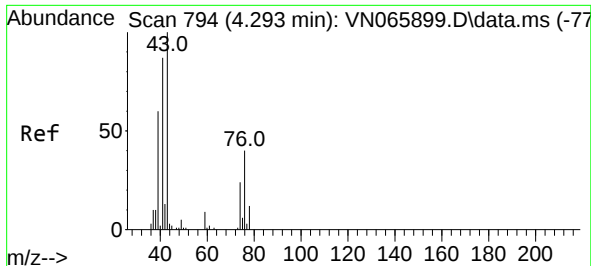
Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
55 67.2 56.0 84.0



#16
Acetone
Concen: 4.41 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.007 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 43 Resp: 3582
Ion Ratio Lower Upper
43 100
58 21.7 27.0 40.6#

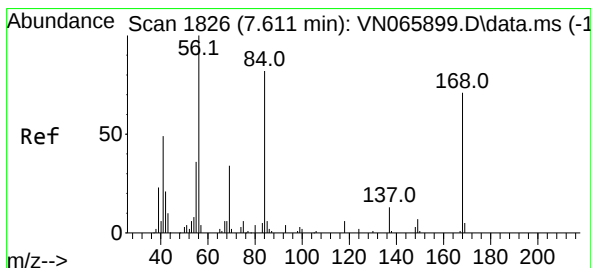
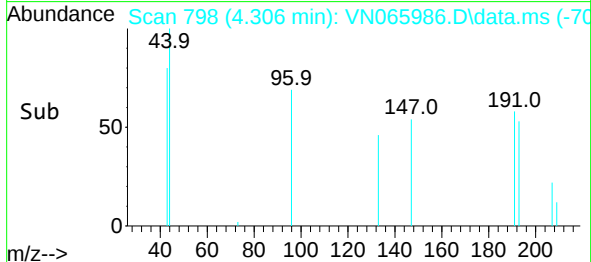
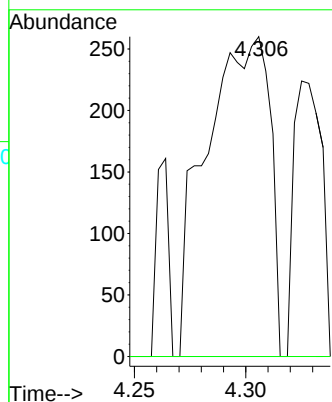
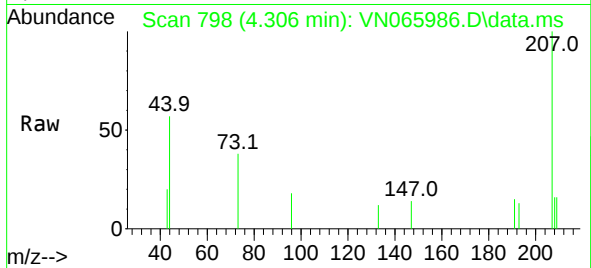




#18
Methyl Acetate
Concen: 0.33 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.013 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

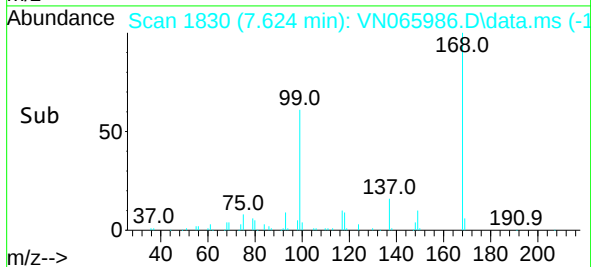
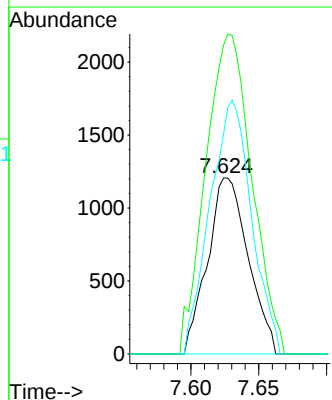
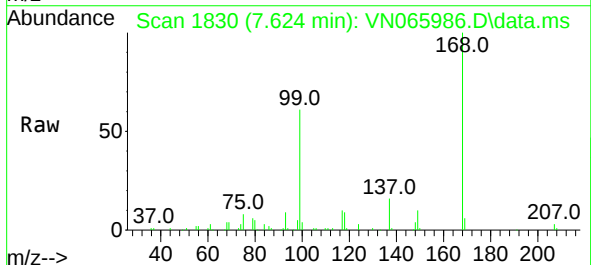
Instrument :
MSVOA_N
ClientSampled :

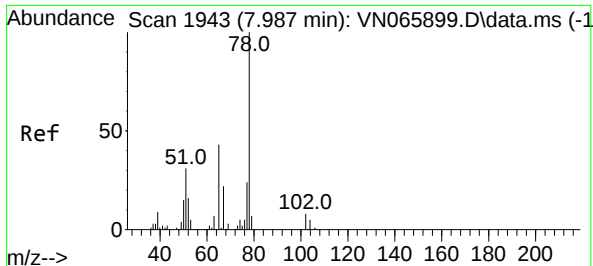
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 56 Resp: 2519
Ion Ratio Lower Upper
56 100
69 175.5 26.6 39.8#
84 125.0 70.4 105.6#

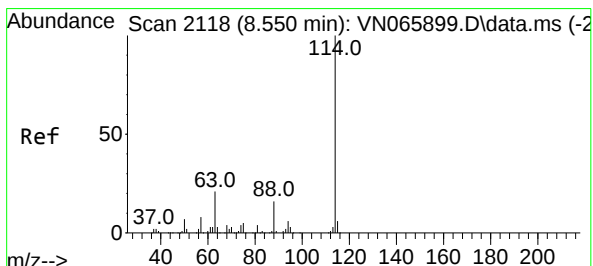
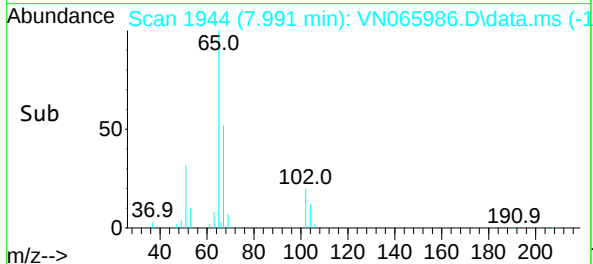
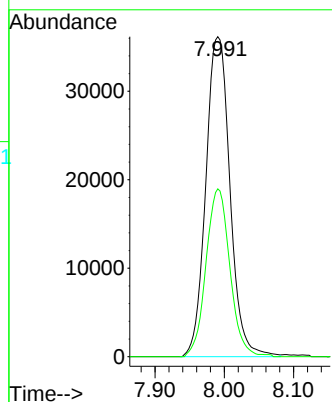
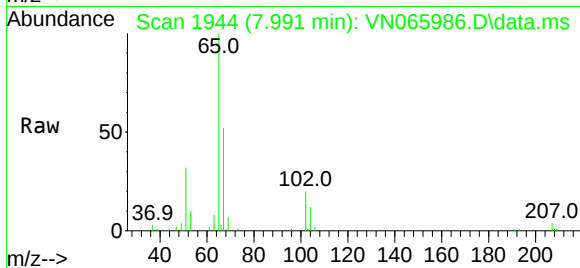




#33
1,2-Dichloroethane-d4
Concen: 46.06 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

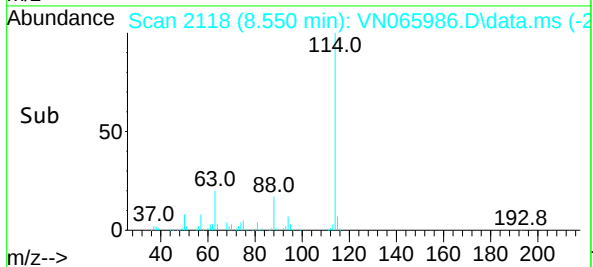
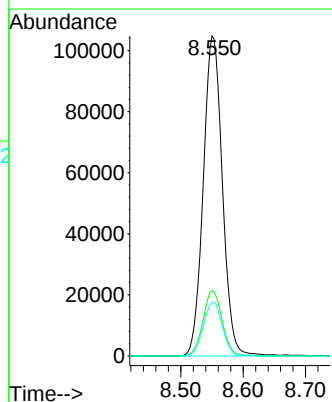
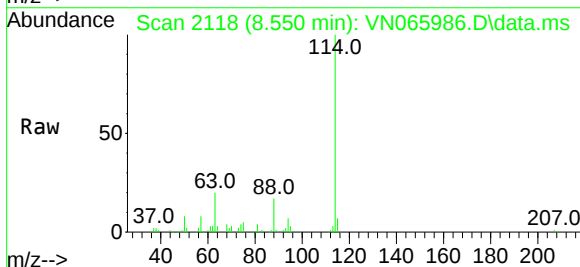
Instrument :
MSVOA_N
ClientSampled :

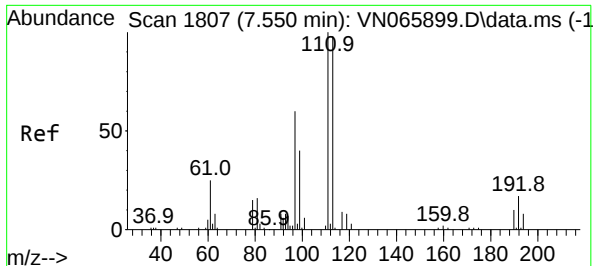
Tgt Ion: 65 Resp: 87700
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 114 Resp: 223491
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.8 0.0 30.6

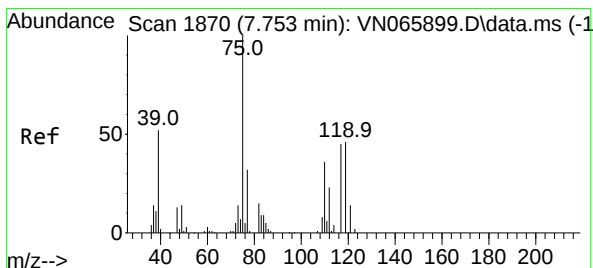
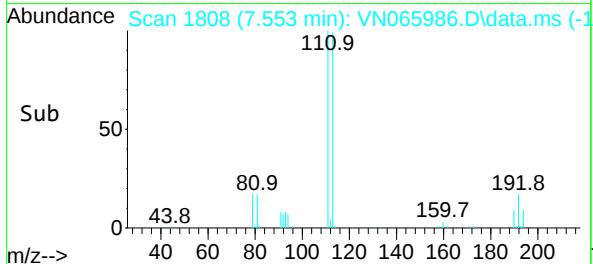
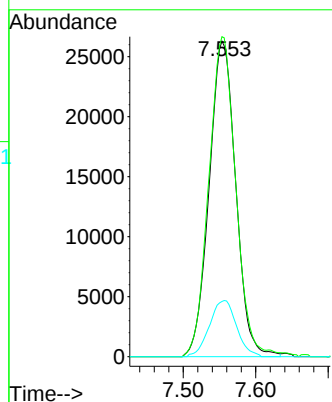
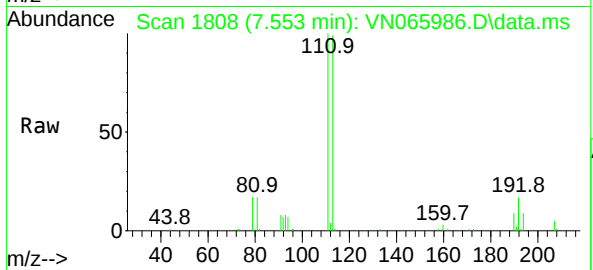




#35
Dibromofluoromethane
Concen: 48.42 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

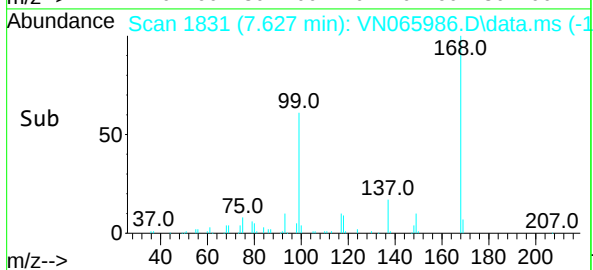
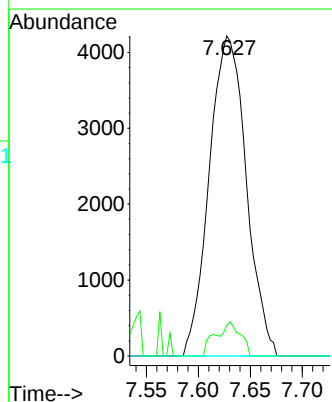
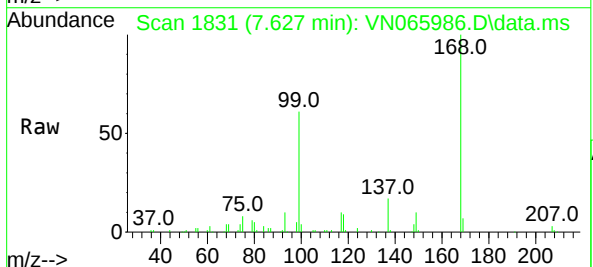
Instrument :
MSVOA_N
ClientSampled :

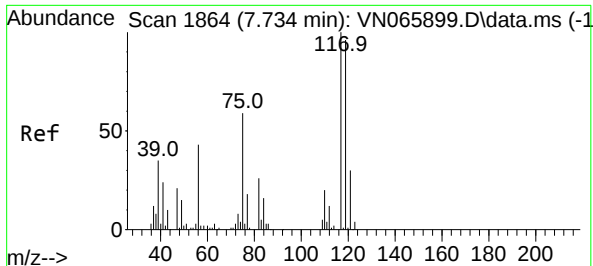
Tgt Ion:113 Resp: 66968
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

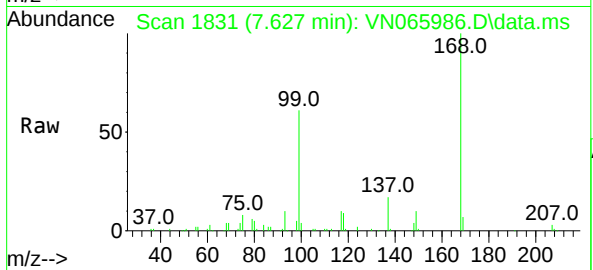
Tgt Ion: 75 Resp: 10443
Ion Ratio Lower Upper
75 100
110 4.8 18.2 54.6#
77 0.0 24.9 37.3#



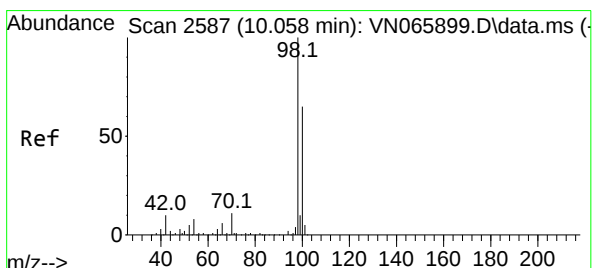
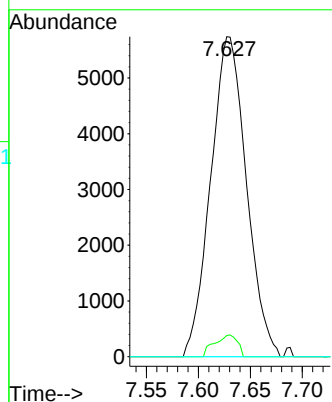
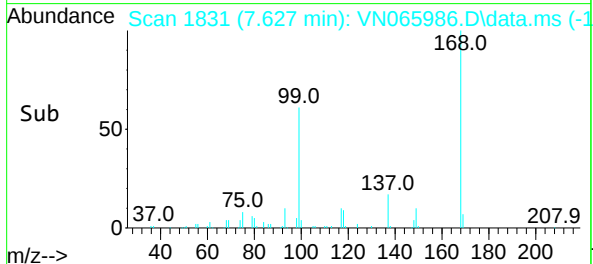


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

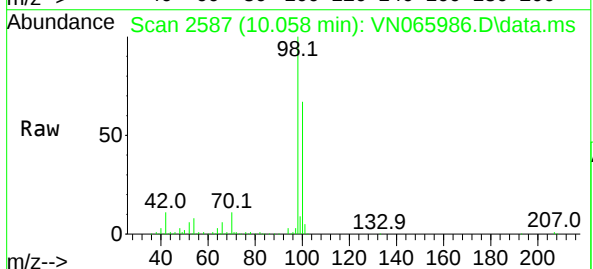
Instrument :
MSVOA_N
ClientSampled :



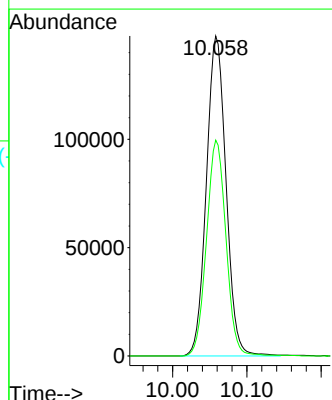
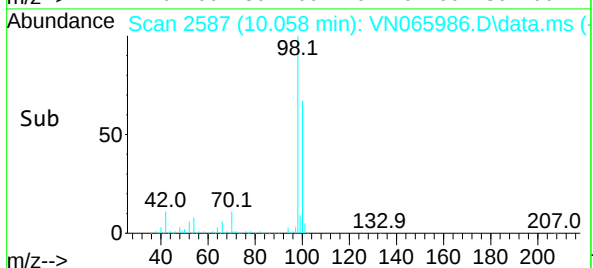
Tgt Ion:117 Resp: 13734
Ion Ratio Lower Upper
117 100
119 6.6 76.0 114.0#
121 0.0 24.5 36.7#

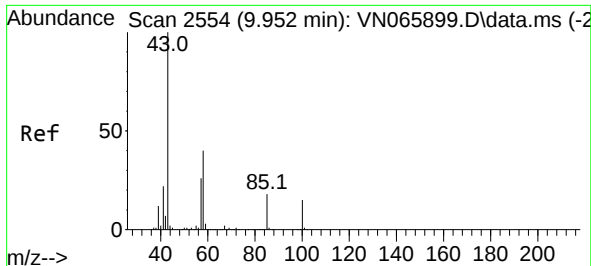


#50
Toluene-d8
Concen: 47.71 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15



Tgt Ion: 98 Resp: 270889
Ion Ratio Lower Upper
98 100
100 66.8 50.5 75.7

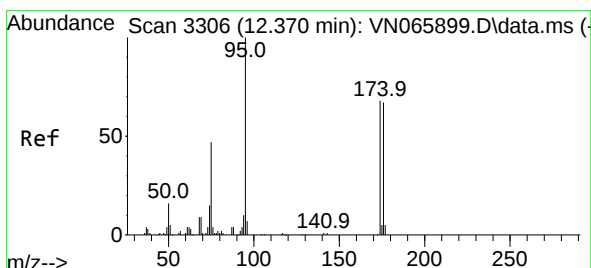
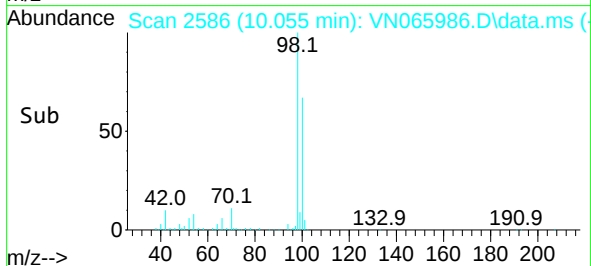
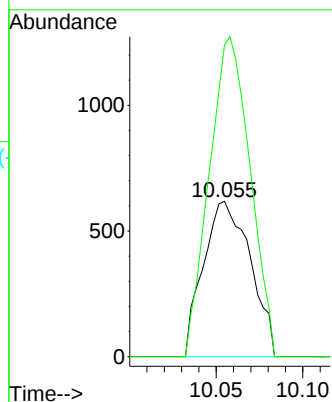
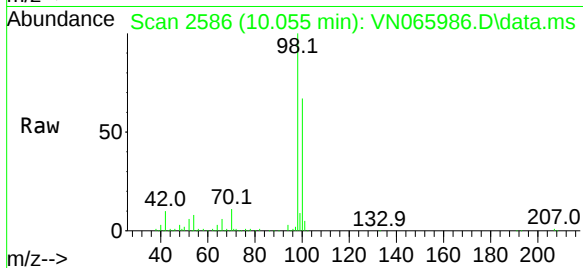




#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

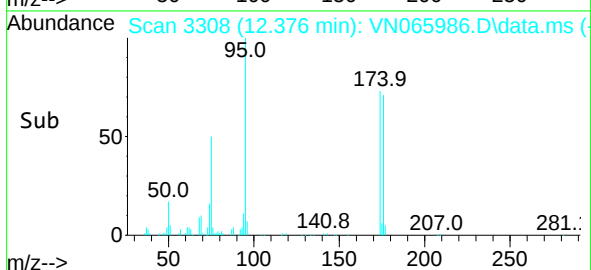
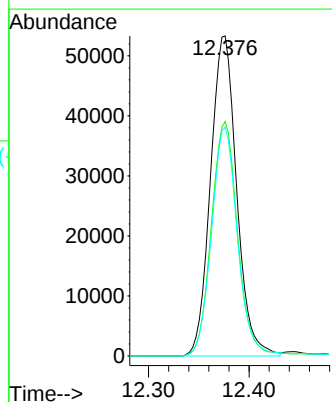
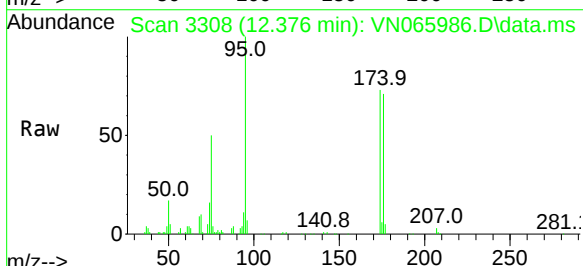
Instrument :
MSVOA_N
ClientSampled :

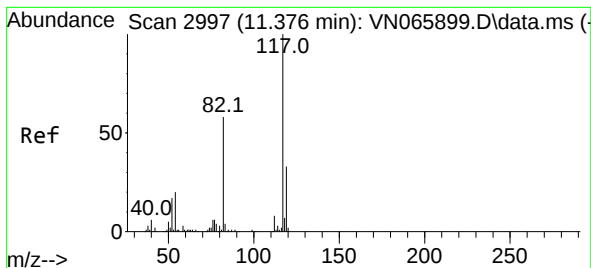
Tgt Ion: 43 Resp: 1164
Ion Ratio Lower Upper
43 100
58 179.9 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.006 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 95 Resp: 96366
Ion Ratio Lower Upper
95 100
174 73.5 0.0 169.0
176 71.8 0.0 162.4

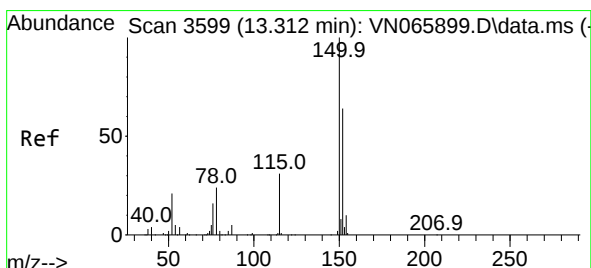
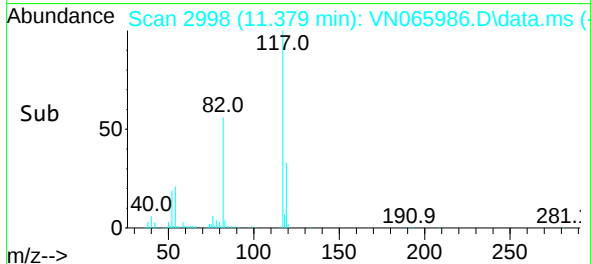
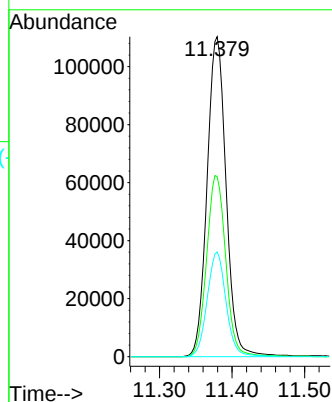
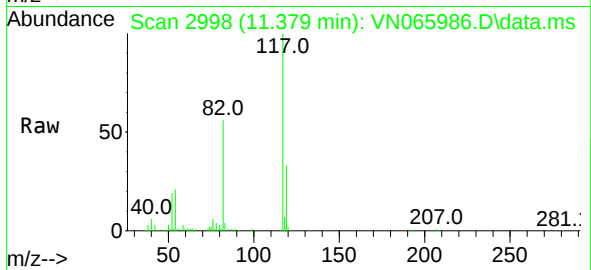




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

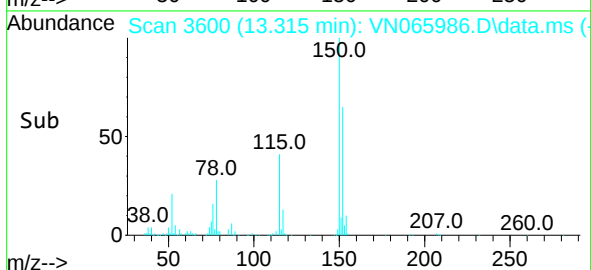
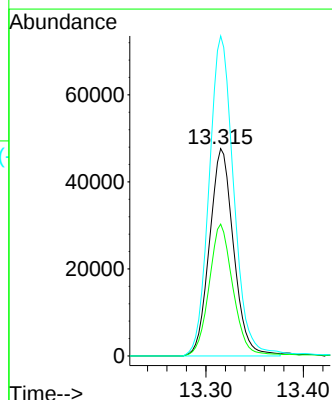
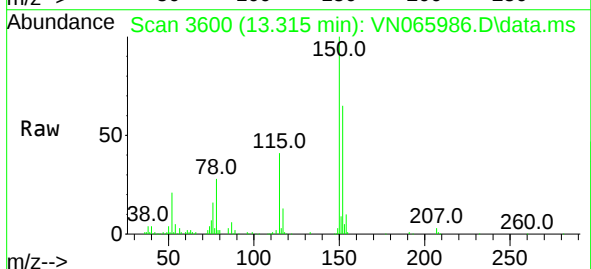
Instrument :
MSVOA_N
ClientSampled :

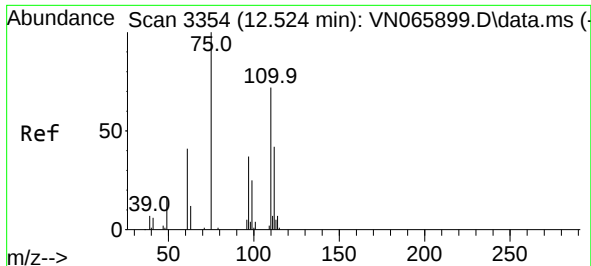
Tgt Ion:117 Resp: 201078
Ion Ratio Lower Upper
117 100
82 56.3 43.7 65.5
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion:152 Resp: 82139
Ion Ratio Lower Upper
152 100
115 63.2 28.5 85.6
150 157.7 0.0 347.6

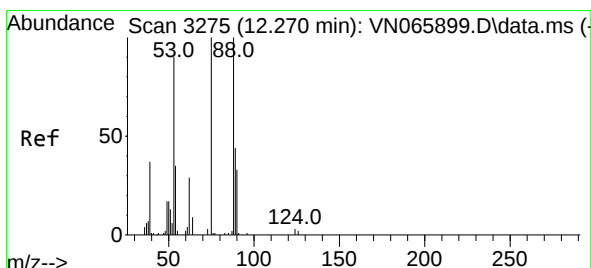
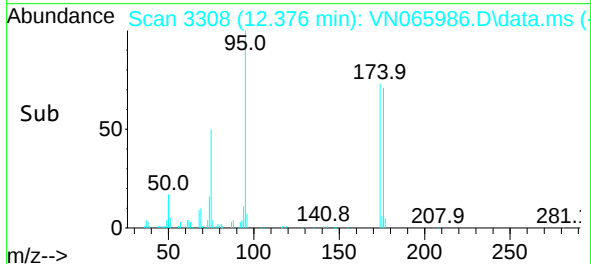
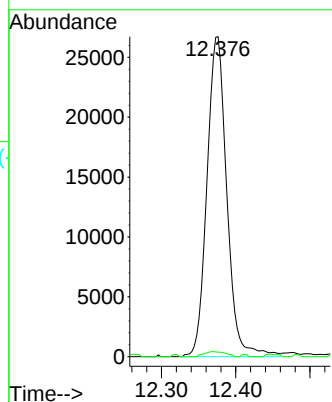
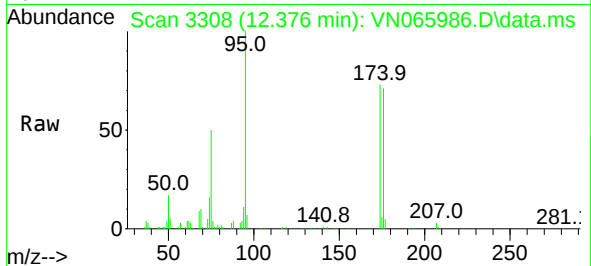




#76
1,2,3-Trichloropropane
Concen: 25.16 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.148 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

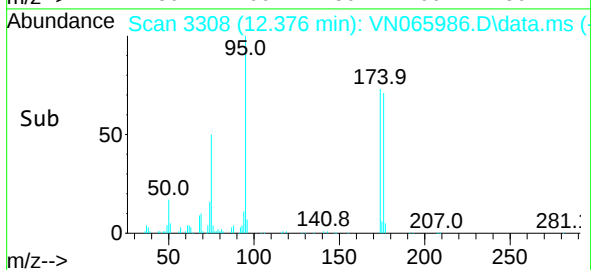
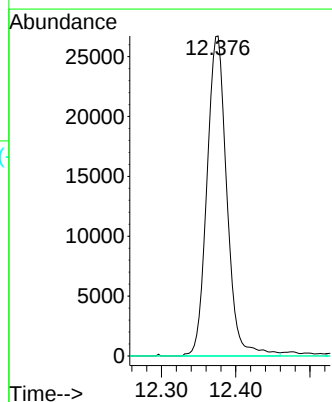
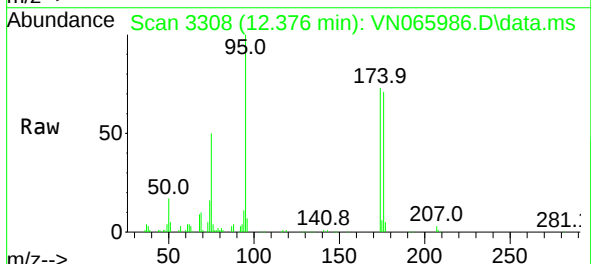
Instrument :
MSVOA_N
ClientSampled :

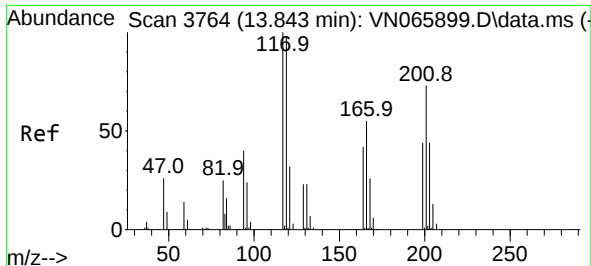
Tgt Ion: 75 Resp: 49646
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.18 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.106 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 75 Resp: 49646
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

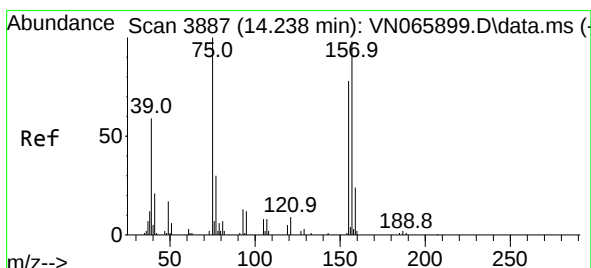
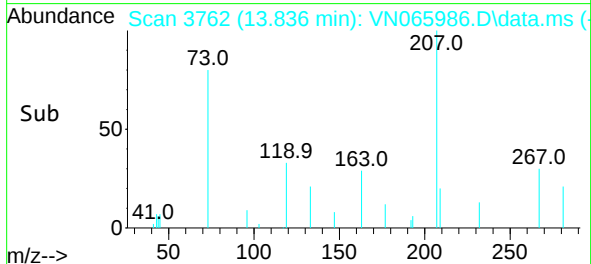
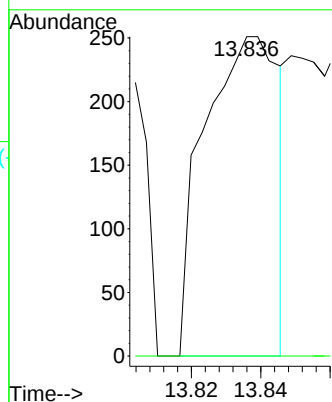
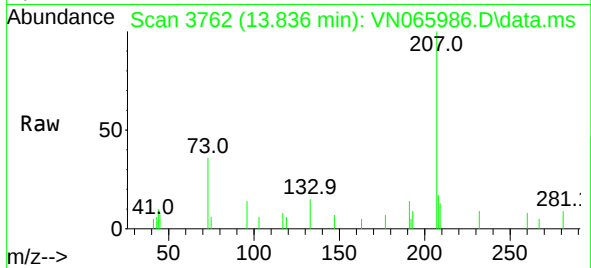




#90
Hexachloroethane
Concen: 0.40 ug/l
RT: 13.836 min Scan# 3762
Delta R.T. -0.007 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:117 Resp: 374
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.37 ug/l
RT: 14.228 min Scan# 3884
Delta R.T. -0.010 min
Lab File: VN065986.D
Acq: 23 Feb 2021 15:15

Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

