

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065978.D
 Acq On : 23 Feb 2021 11:52
 Operator : JC/MD
 Sample : VN0223WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:31:56 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)

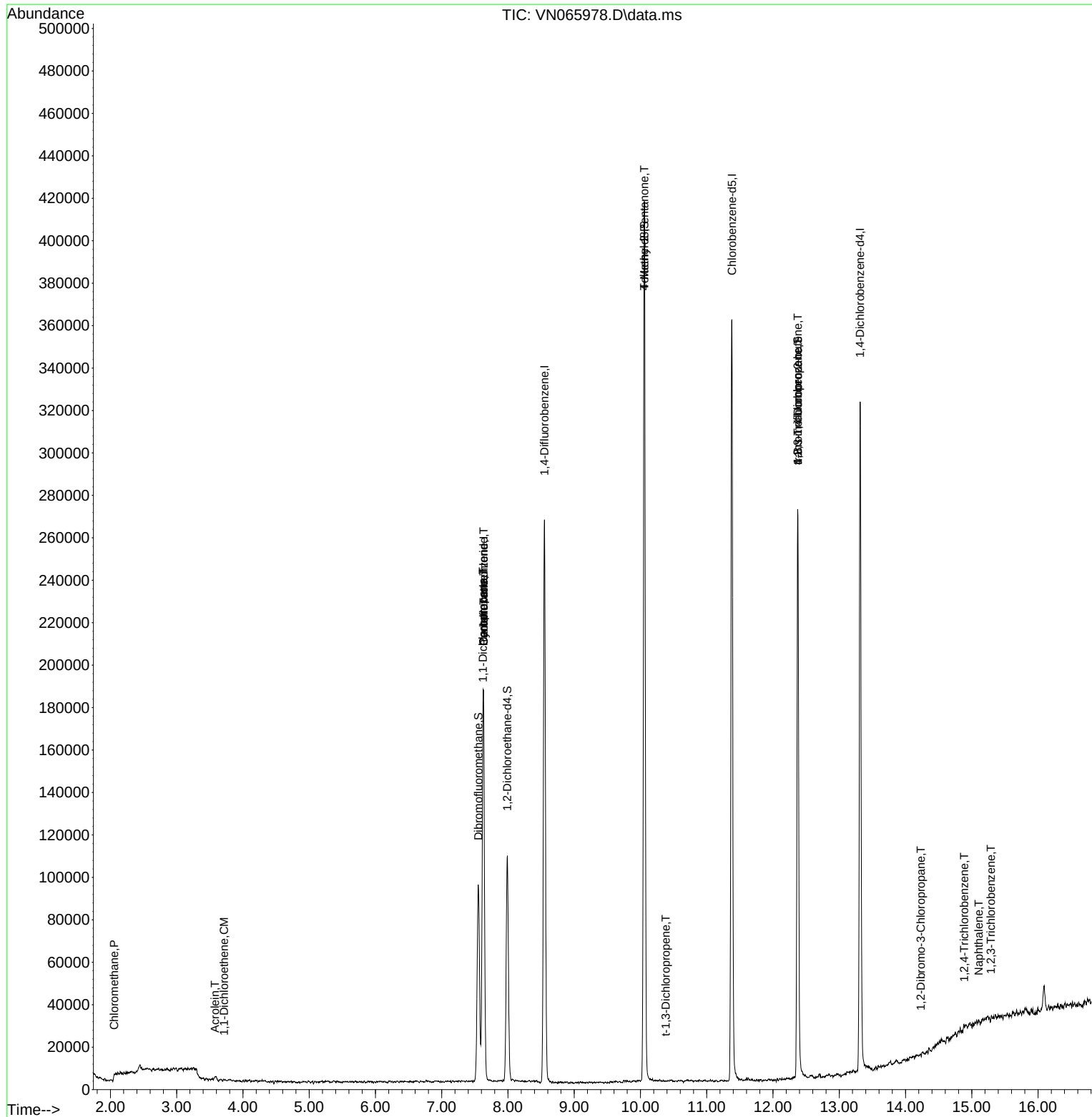
Internal Standards						
1) Pentafluorobenzene	7.630	168	149977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	247069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	223457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	92109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	95805	45.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.36%		
35) Dibromofluoromethane	7.553	113	73565	48.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.22%		
50) Toluene-d8	10.058	98	302042	48.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.24%		
62) 4-Bromofluorobenzene	12.373	95	106798	45.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.64%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	1240	0.50	ug/l	96
12) 1,1-Dichloroethene	3.714	96	401	0.24	ug/l #	1
13) Acrolein	3.579	56	1789	6.70	ug/l	94
16) Acetone	3.782	43	224	Below Cal	#	41
31) Cyclohexane	7.630	56	2677	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	11533	4.73	ug/l #	47
38) Carbon Tetrachloride	7.630	117	14960	6.61	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1334	0.63	ug/l #	1
53) t-1,3-Dichloropropene	10.383	75	103	2.01	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	55002	24.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	55002	79.22	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.231	75	96	1.06	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.884	180	98	2.52	ug/l #	13
95) Naphthalene	15.106	128	661	3.17	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.289	180	31	2.19	ug/l #	12

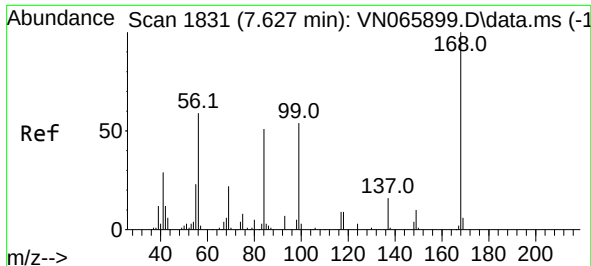
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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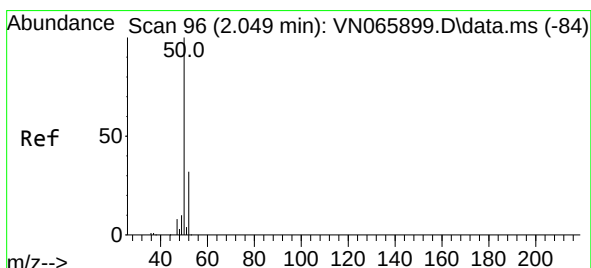
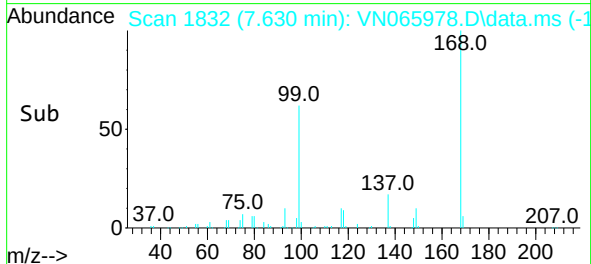
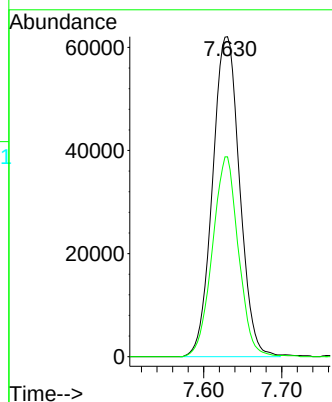
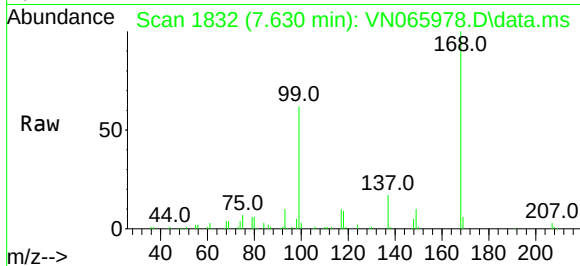




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

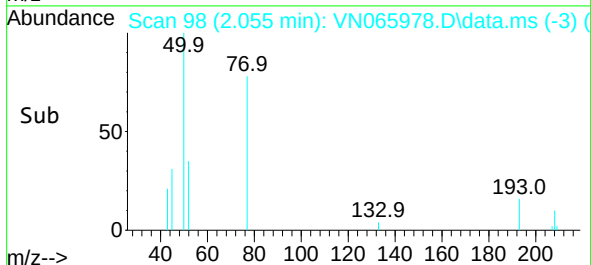
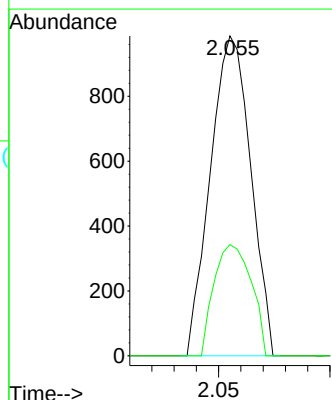
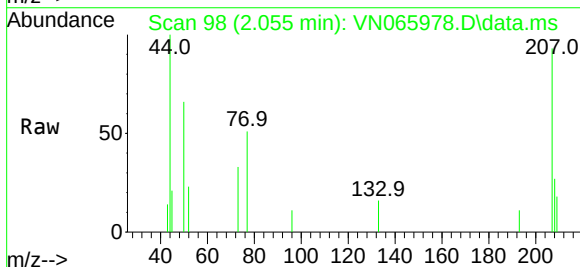
Instrument :
MSVOA_N
ClientSampled :

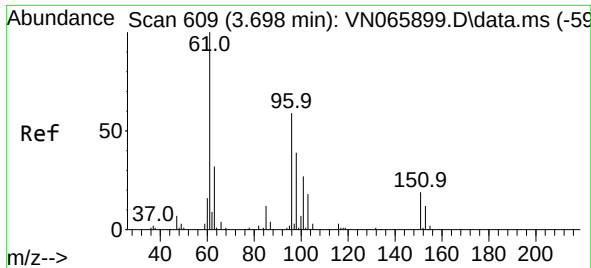
Tgt Ion:168 Resp: 149977
Ion Ratio Lower Upper
168 100
99 62.4 42.6 63.8



#3
Chloromethane
Concen: 0.50 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

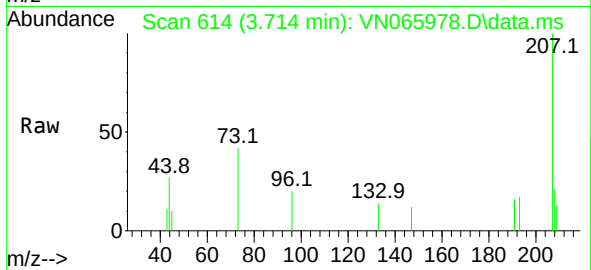
Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 34.8 25.8 38.8



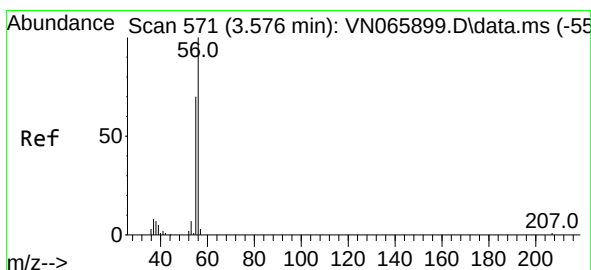
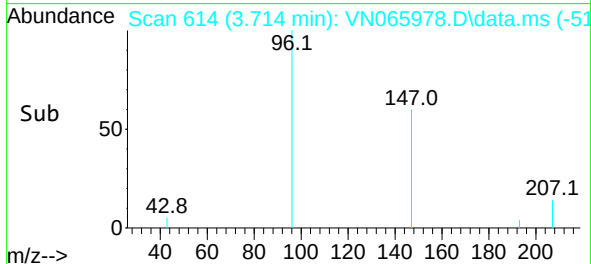
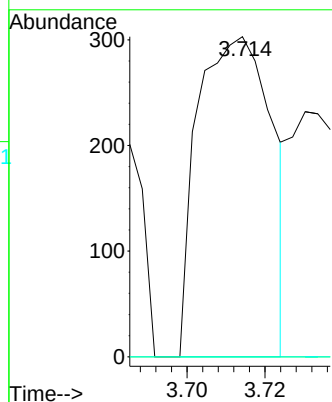


#12
1,1-Dichloroethene
Concen: 0.24 ug/l
RT: 3.714 min Scan# 614
Delta R.T. 0.016 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Instrument :
MSVOA_N
ClientSampled :

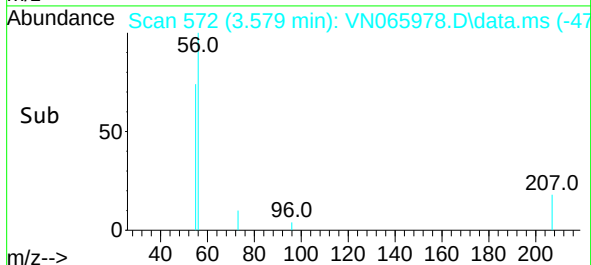
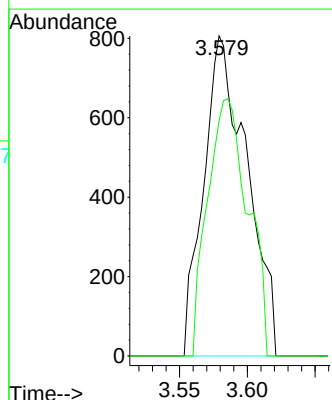
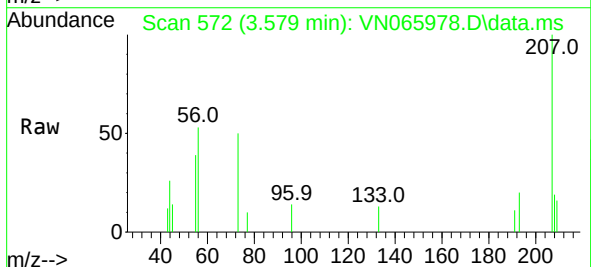


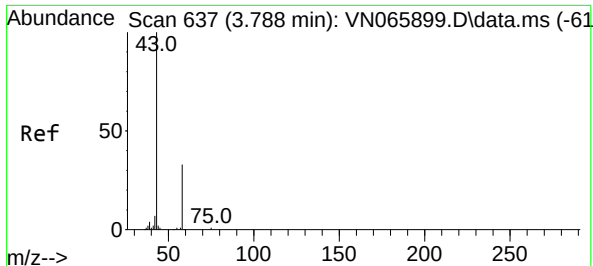
Tgt Ion: 96 Resp: 401
Ion Ratio Lower Upper
96 100
61 0.0 122.5 183.7#
98 0.0 50.8 76.2#



#13
Acrolein
Concen: 6.70 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.003 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 56 Resp: 1789
Ion Ratio Lower Upper
56 100
55 74.8 56.0 84.0

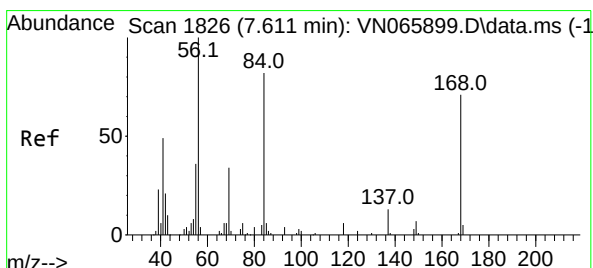
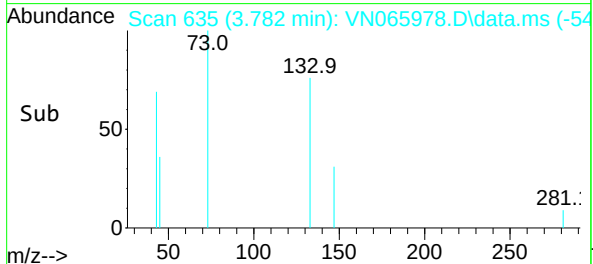
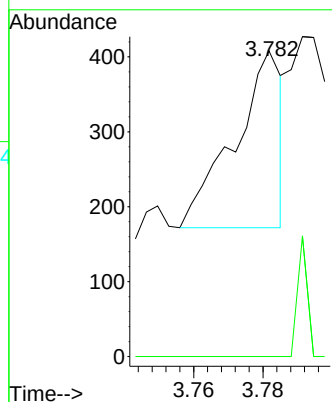
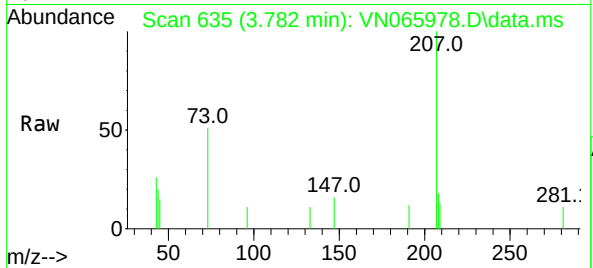




#16
Acetone
Concen: Below Cal
RT: 3.782 min Scan# 635
Delta R.T. -0.006 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

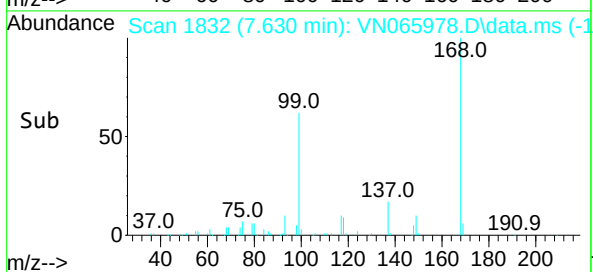
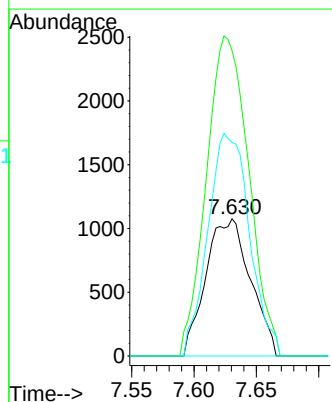
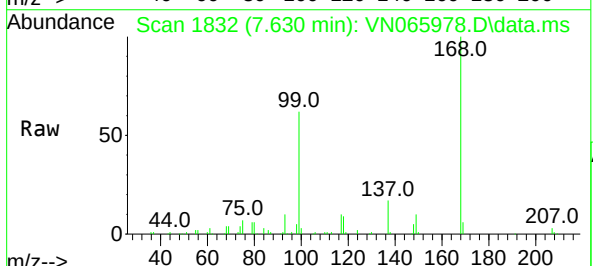
Instrument :
MSVOA_N
ClientSampled :

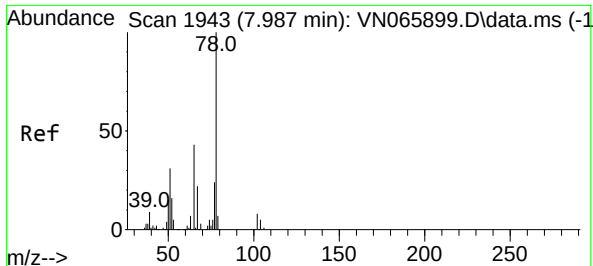
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 56 Resp: 2677
Ion Ratio Lower Upper
56 100
69 222.6 26.6 39.8#
84 155.8 70.4 105.6#

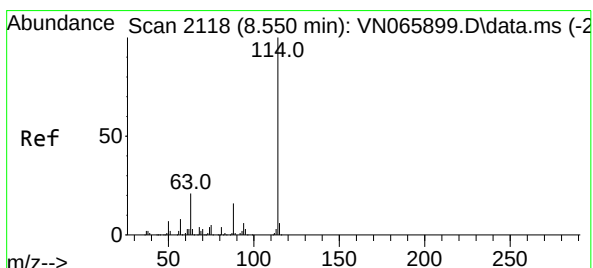
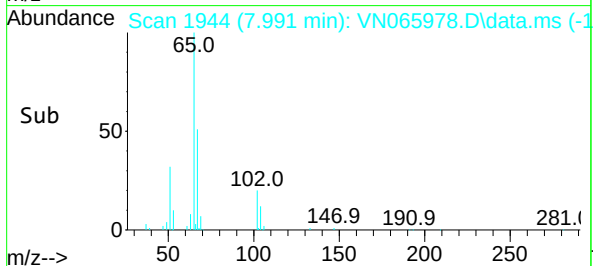
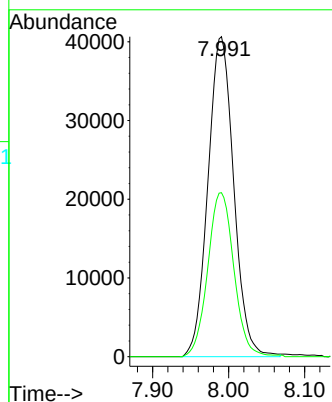
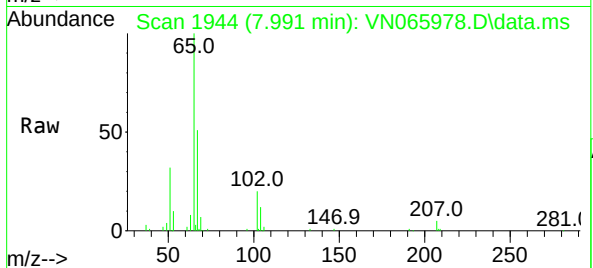




#33
1,2-Dichloroethane-d4
Concen: 45.68 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

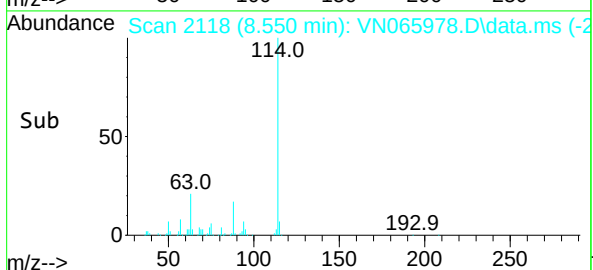
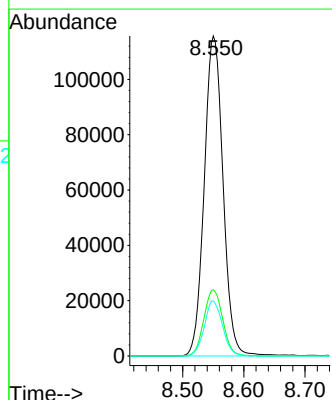
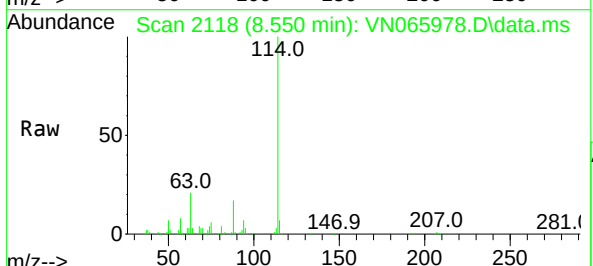
Instrument :
MSVOA_N
ClientSampled :

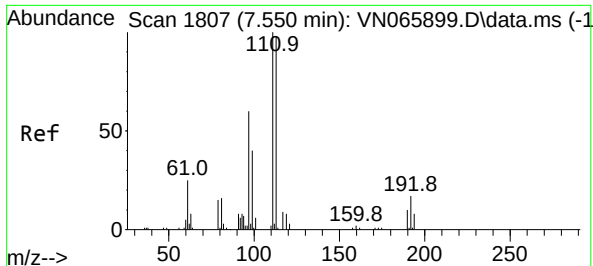
Tgt Ion: 65 Resp: 95805
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 114 Resp: 247069
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.11 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065978.D

Acq: 23 Feb 2021 11:52

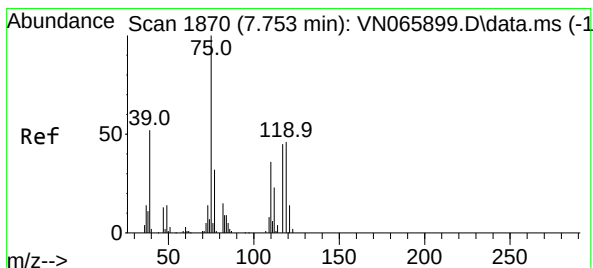
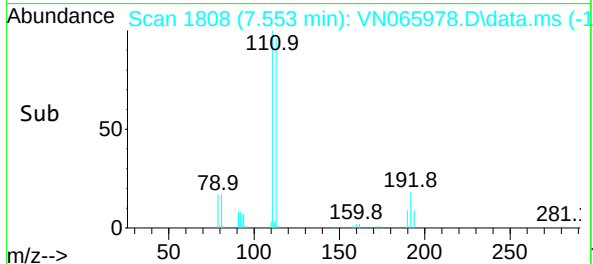
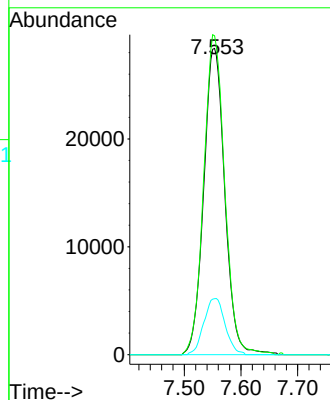
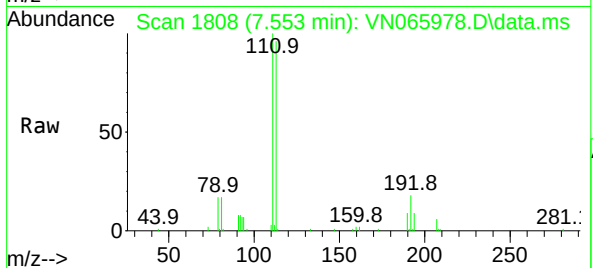
Tgt Ion:113 Resp: 73565

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 18.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. -0.132 min

Lab File: VN065978.D

Acq: 23 Feb 2021 11:52

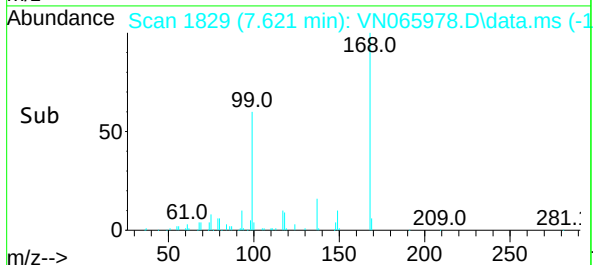
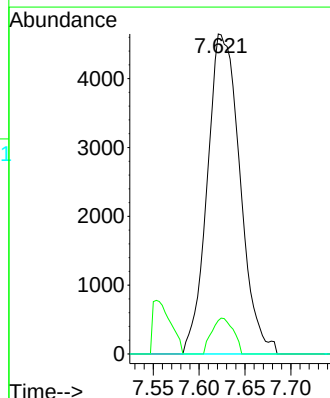
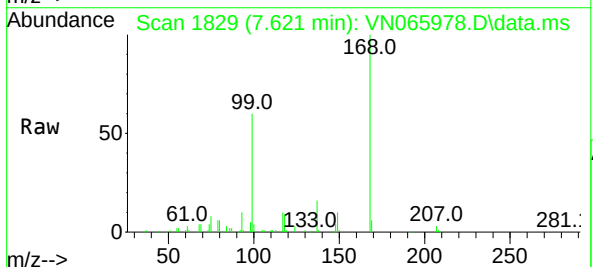
Tgt Ion: 75 Resp: 11533

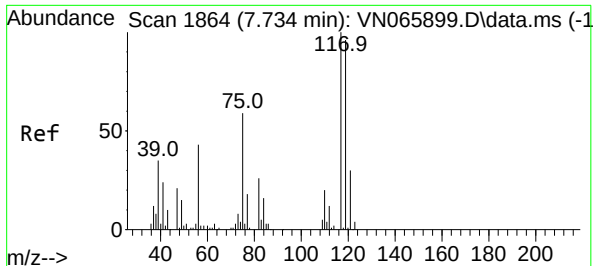
Ion Ratio Lower Upper

75 100

110 7.4 18.2 54.6#

77 0.0 24.9 37.3#

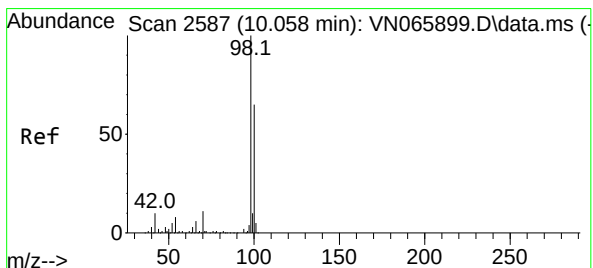
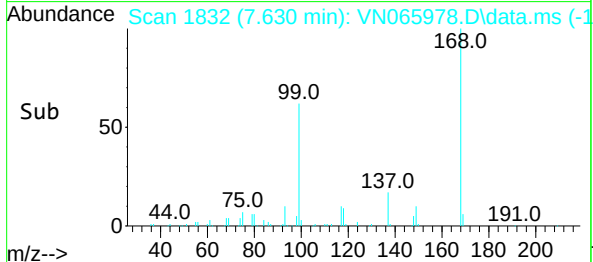
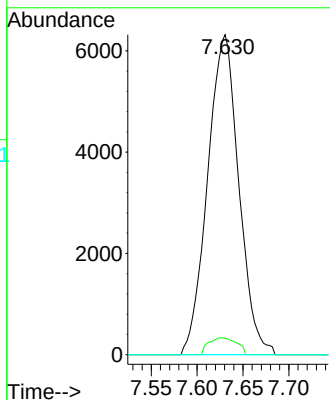
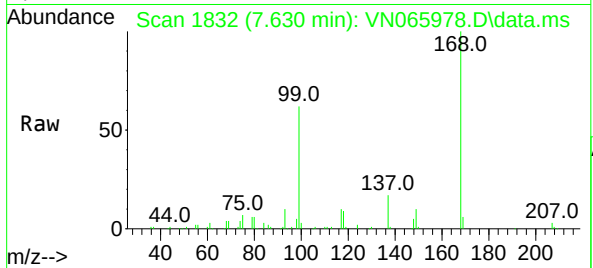




#38
Carbon Tetrachloride
Concen: 6.61 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

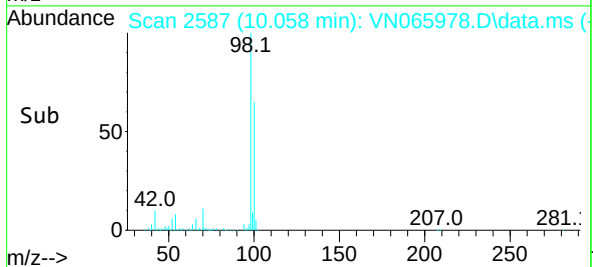
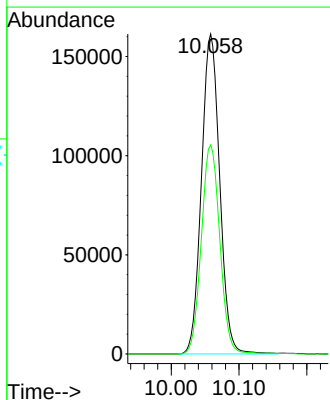
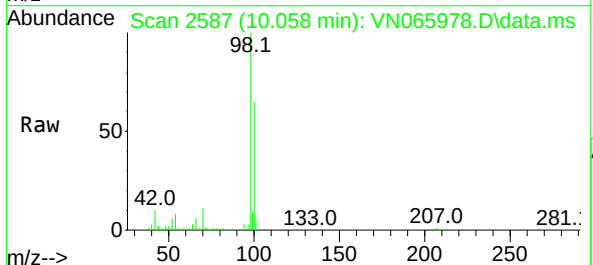
Instrument :
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ClientSampled :

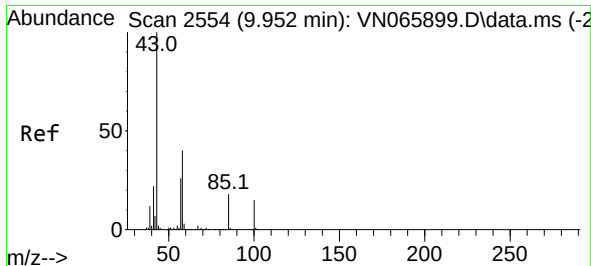
Tgt Ion:117 Resp: 14960
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.12 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 98 Resp: 302042
Ion Ratio Lower Upper
98 100
100 66.1 50.5 75.7

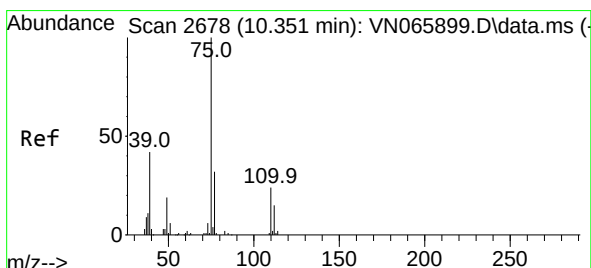
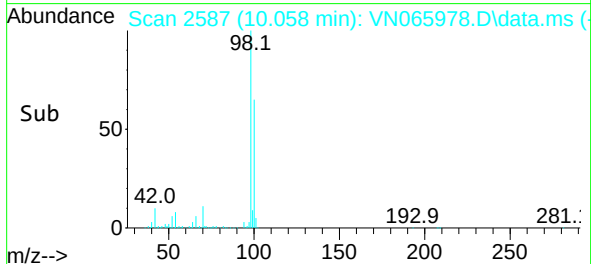
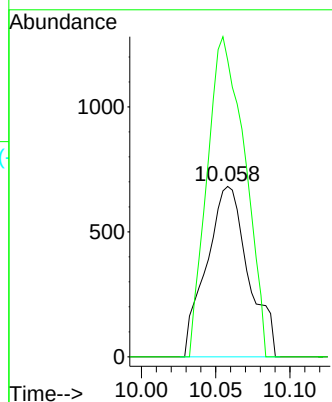
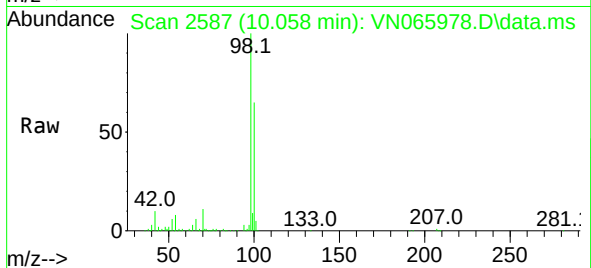




#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

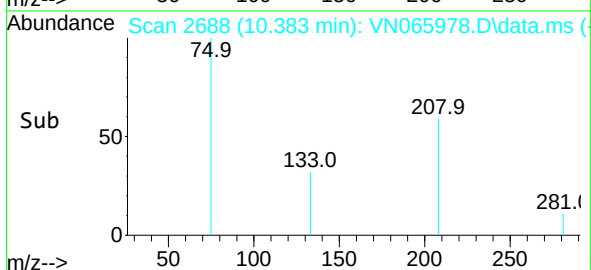
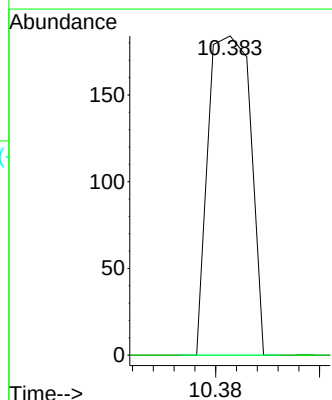
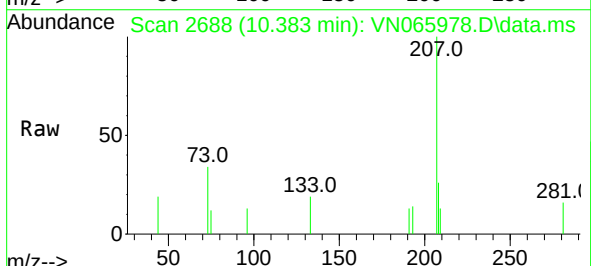
Instrument :
MSVOA_N
ClientSampled :

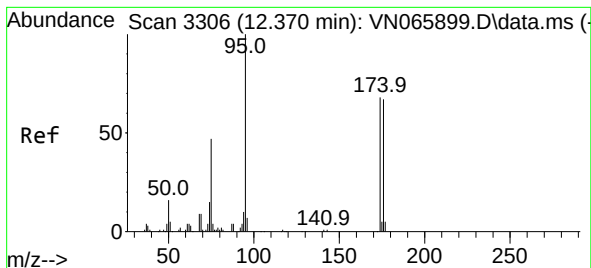
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 168.8 32.5 48.7#



#53
t-1,3-Dichloropropene
Concen: 2.01 ug/l
RT: 10.383 min Scan# 2688
Delta R.T. 0.032 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

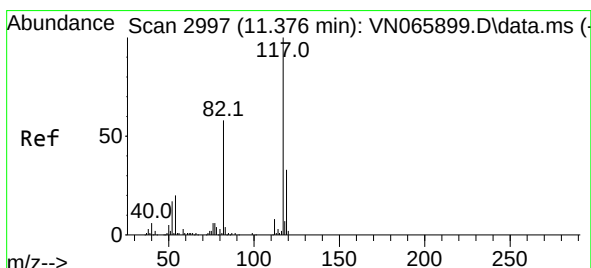
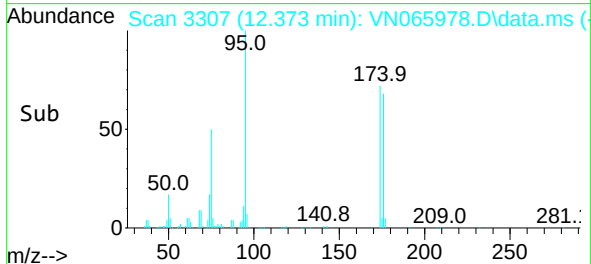
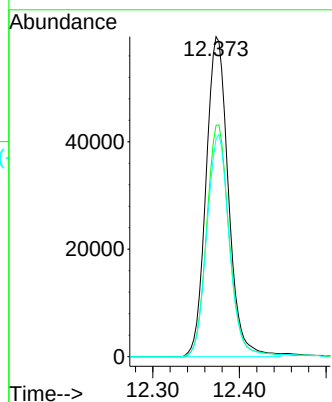
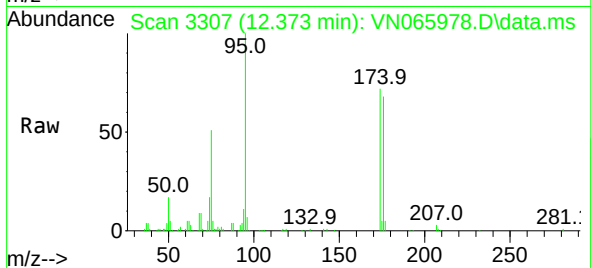




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

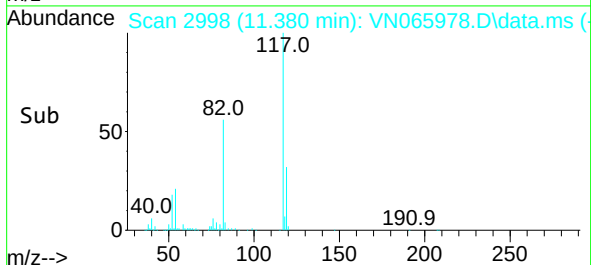
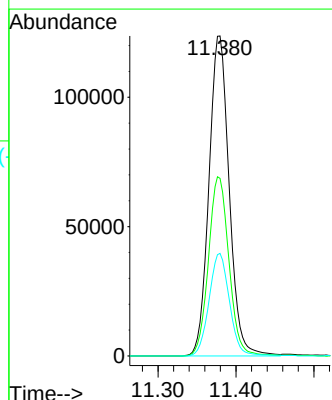
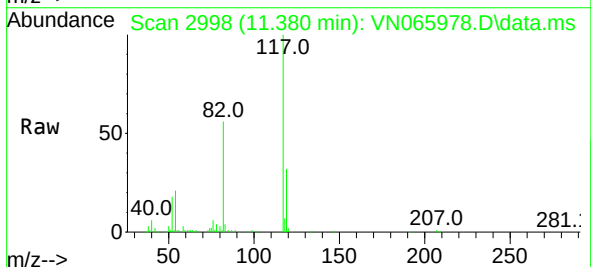
Instrument :
MSVOA_N
ClientSampled :

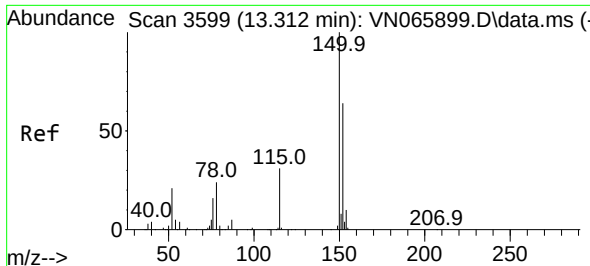
Tgt Ion: 95 Resp: 106798
Ion Ratio Lower Upper
95 100
174 73.4 0.0 169.0
176 70.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 117 Resp: 223457
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 32.0 26.1 39.1

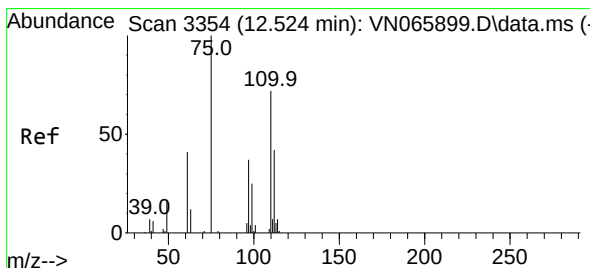
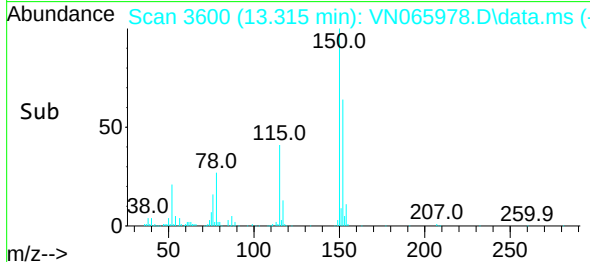
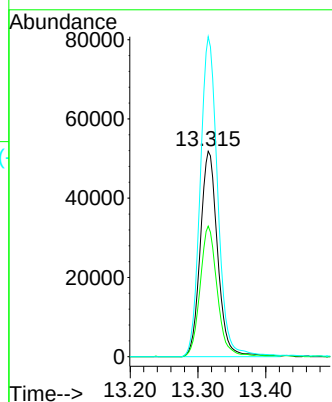
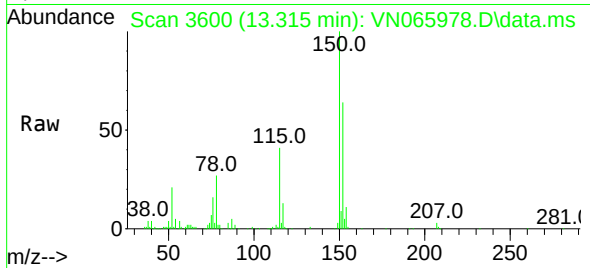




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

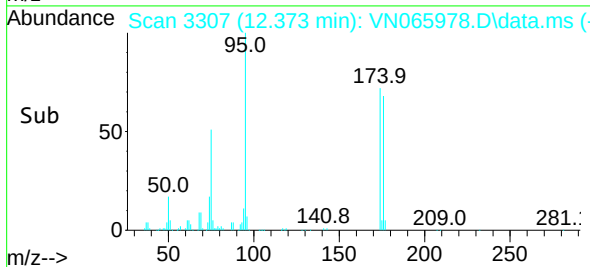
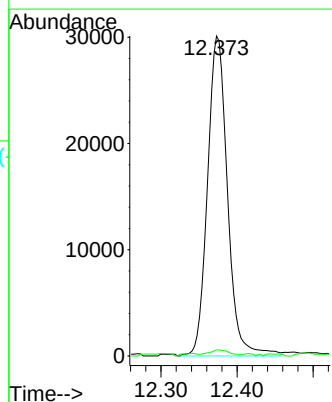
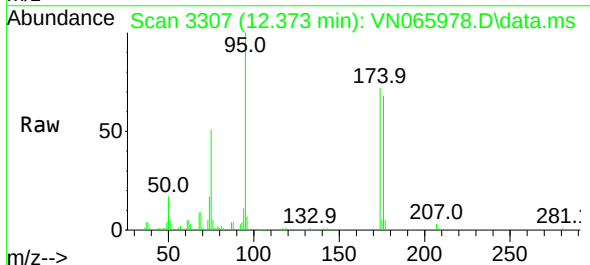
Instrument :
MSVOA_N
ClientSampled :

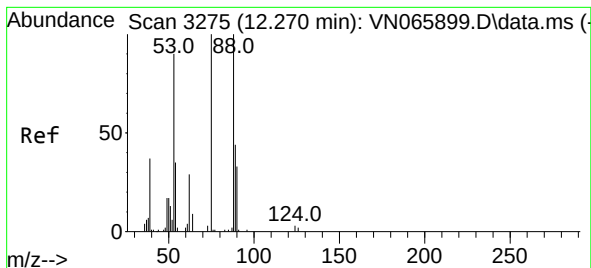
Tgt Ion:152 Resp: 92109
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 157.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.86 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 75 Resp: 55002
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

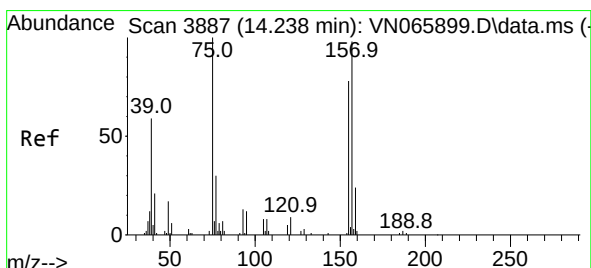
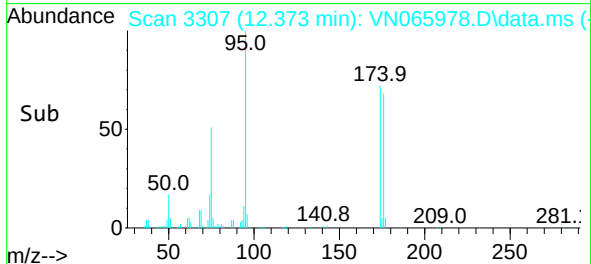
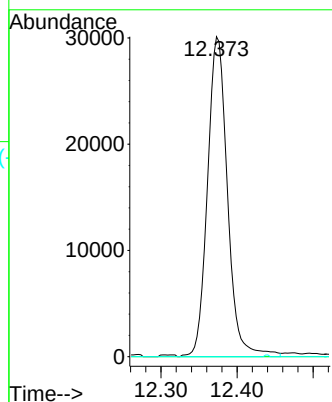
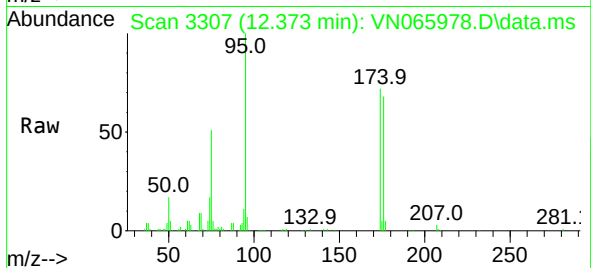




#81
trans-1,4-Dichloro-2-butene
Concen: 79.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

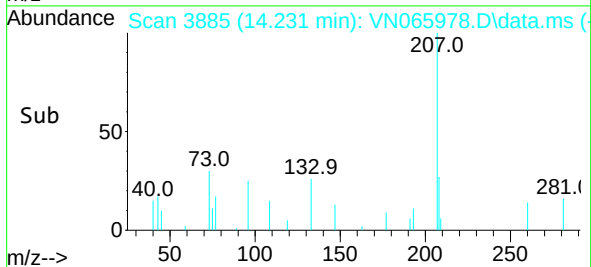
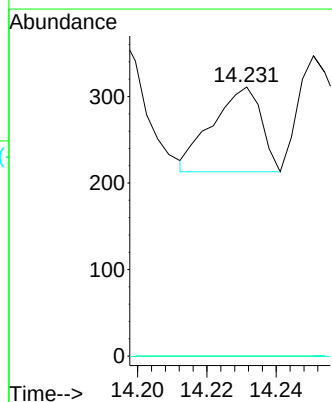
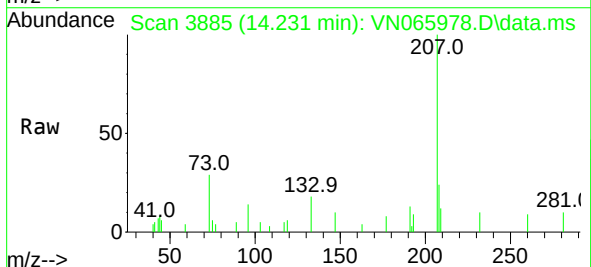
Instrument :
MSVOA_N
ClientSampled :

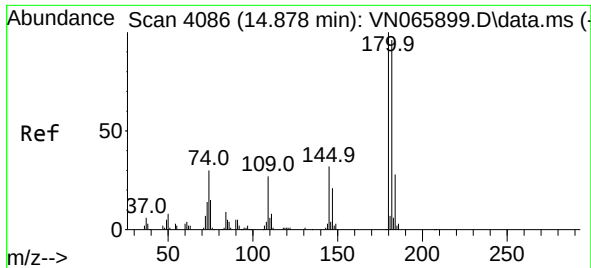
Tgt Ion: 75 Resp: 55002
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.06 ug/l
RT: 14.231 min Scan# 3885
Delta R.T. -0.007 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

Tgt Ion: 75 Resp: 96
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

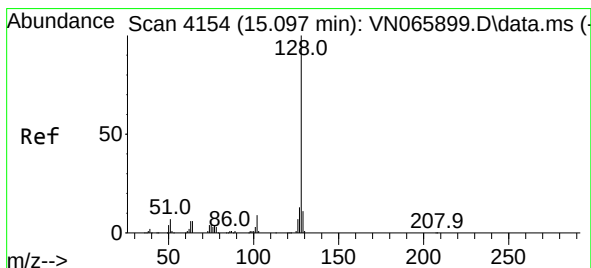
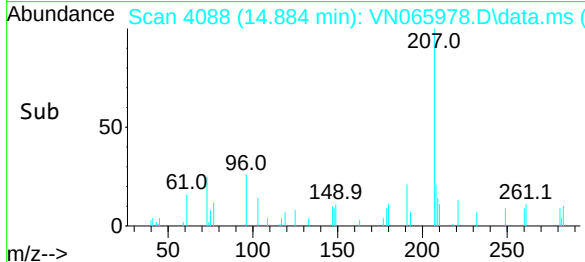
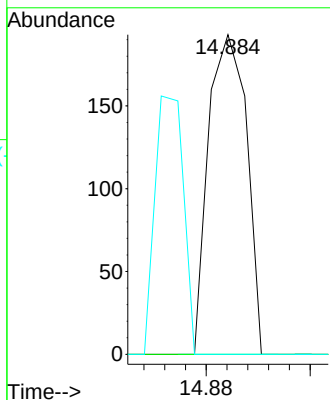
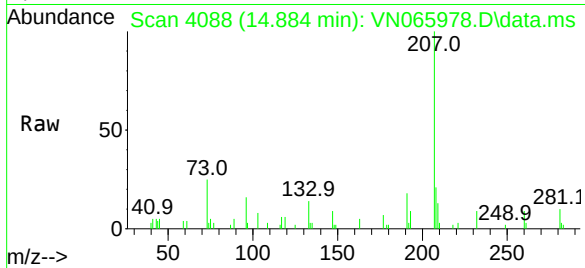




#93
1,2,4-Trichlorobenzene
Concen: 2.52 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

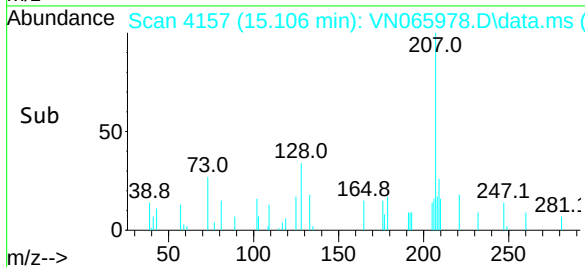
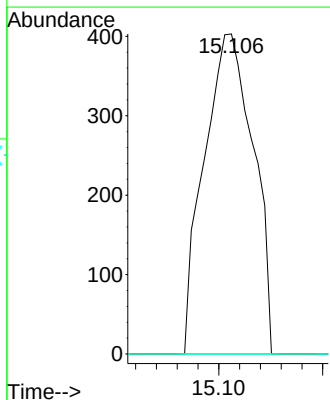
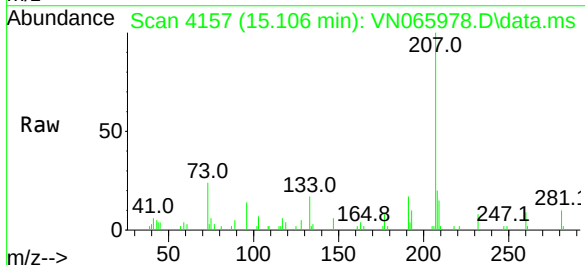
Instrument :
MSVOA_N
ClientSampled :

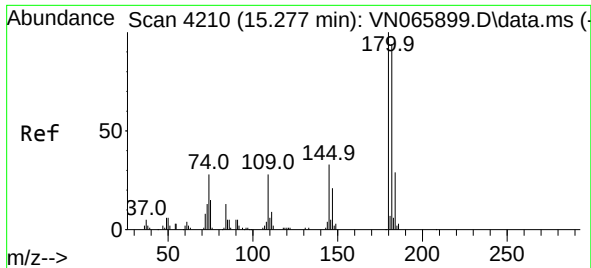
Tgt Ion:180 Resp: 98
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 61.2 15.6 46.8#



#95
Naphthalene
Concen: 3.17 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN065978.D
Acq: 23 Feb 2021 11:52

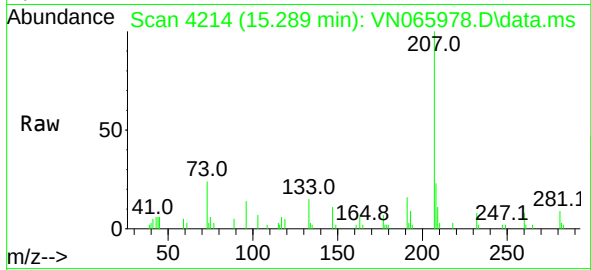
Tgt Ion:128 Resp: 661
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.19 ug/l
 RT: 15.289 min Scan# 4214
 Delta R.T. 0.012 min
 Lab File: VN065978.D
 Acq: 23 Feb 2021 11:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.3#
145	0.0	16.5	49.5#

