

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065956.D
 Acq On : 22 Feb 2021 13:45
 Operator : JC/MD
 Sample : M1450-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 22 15:13:05 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)

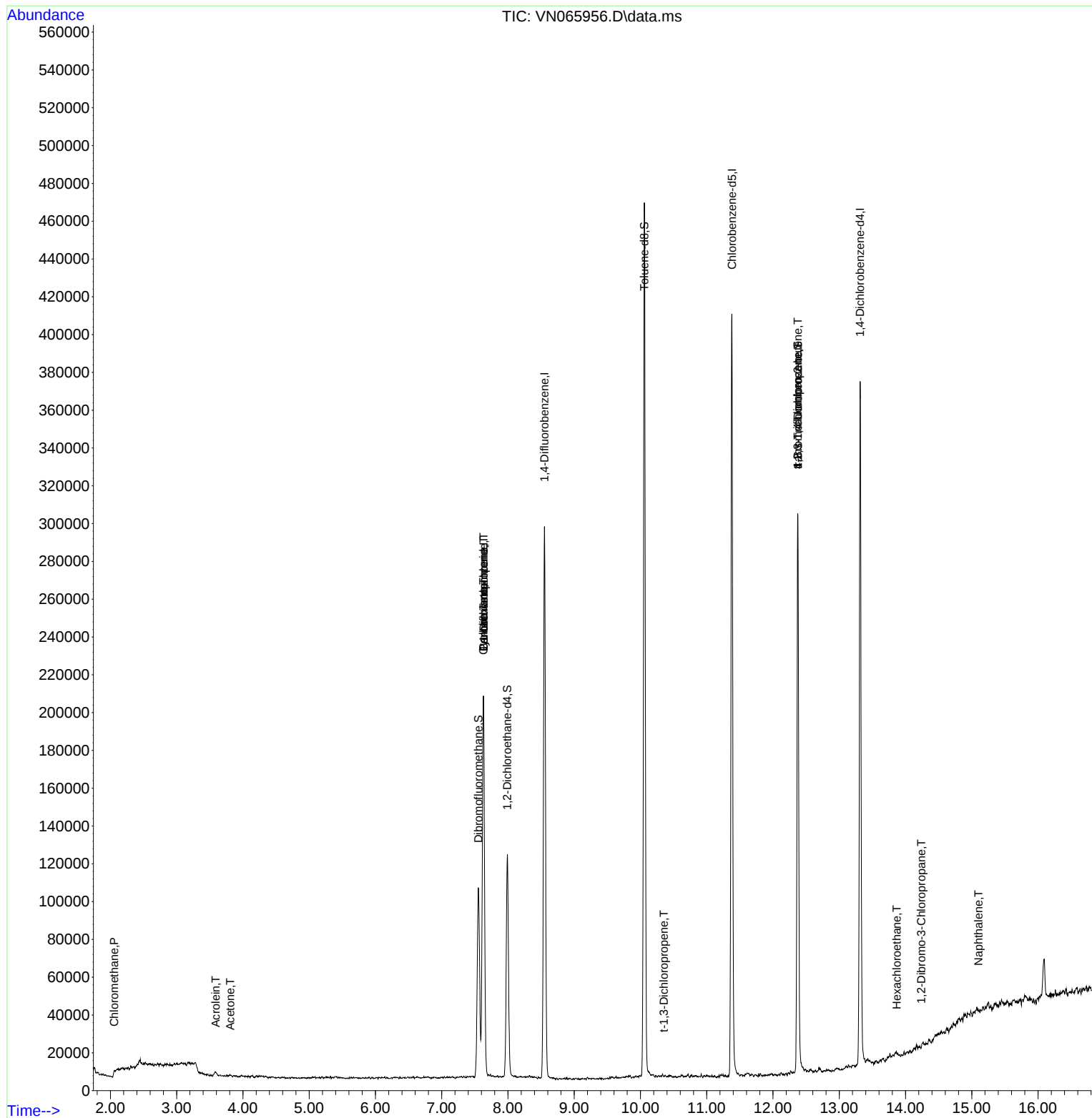
Internal Standards						
1) Pentafluorobenzene	7.630	168	164704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	270266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	246951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	102368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	104308	45.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.58%		
35) Dibromofluoromethane	7.553	113	79922	47.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.56%		
50) Toluene-d8	10.058	98	332686	48.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.90%		
62) 4-Bromofluorobenzene	12.373	95	118727	46.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.12%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	1451	0.54	ug/l	90
13) Acrolein	3.589	56	2646	9.03	ug/l	86
16) Acetone	3.807	43	1744	0.81	ug/l #	41
31) Cyclohexane	7.627	56	2944	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	13178	4.95	ug/l #	47
38) Carbon Tetrachloride	7.630	117	16122	6.51	ug/l #	17
53) t-1,3-Dichloropropene	10.354	75	260	2.06	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	58116	23.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58116	75.31	ug/l #	12
90) Hexachloroethane	13.868	117	256	0.22	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.238	75	400	1.66	ug/l #	1
95) Naphthalene	15.100	128	93	3.07	ug/l #	69

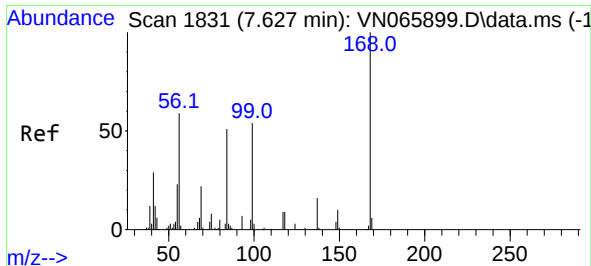
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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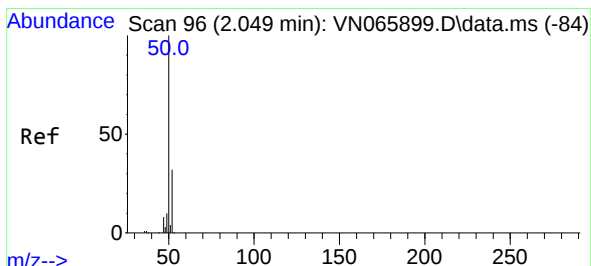
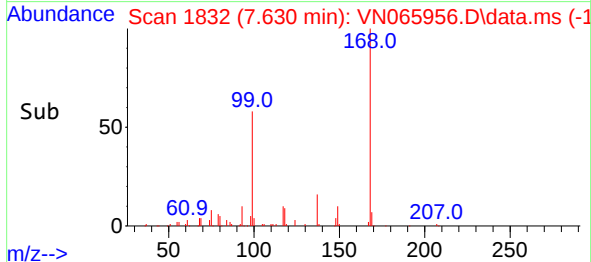
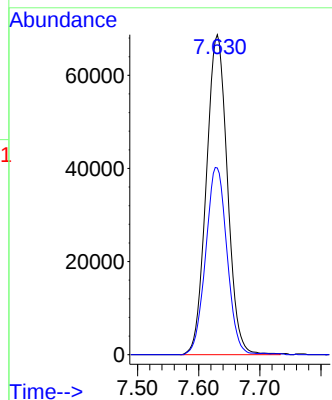
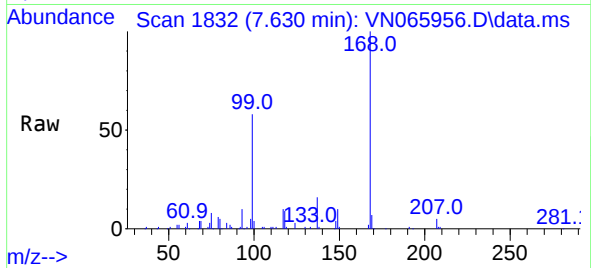




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

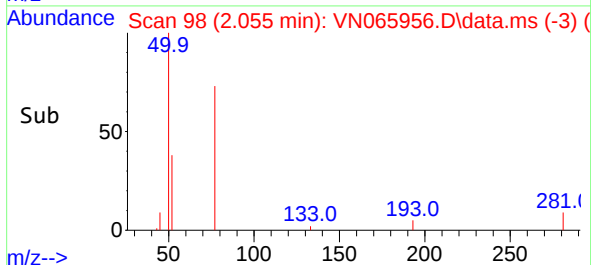
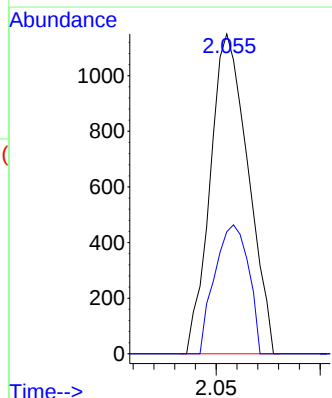
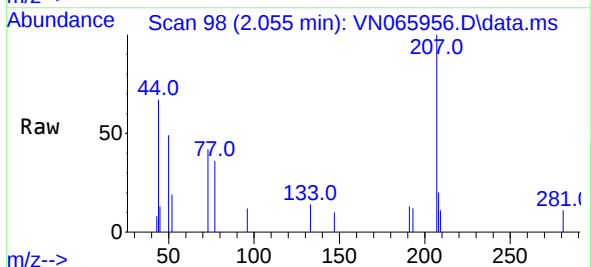
Instrument :
MSVOA_N
ClientSampled :

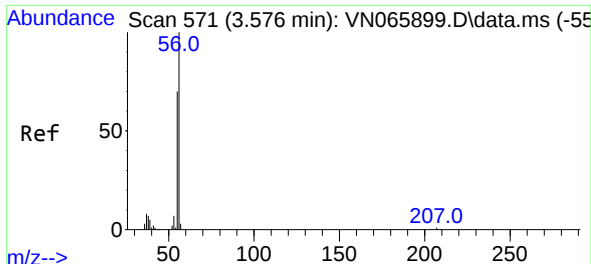
Tgt Ion:168 Resp: 164704
Ion Ratio Lower Upper
168 100
99 58.3 42.6 63.8



#3
Chloromethane
Concen: 0.54 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 50 Resp: 1451
Ion Ratio Lower Upper
50 100
52 38.2 25.8 38.8

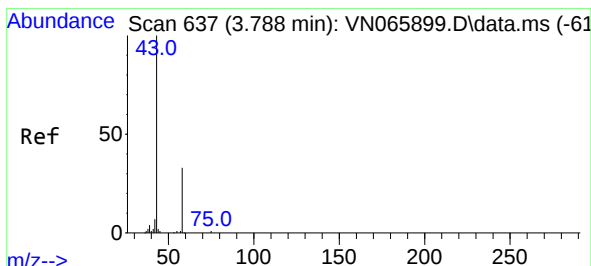
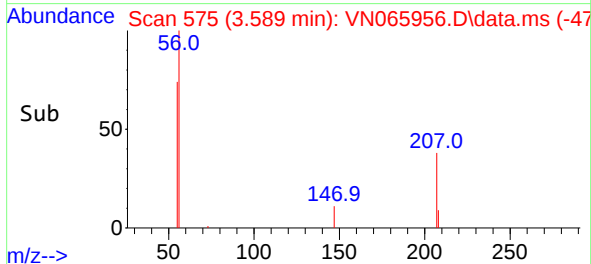
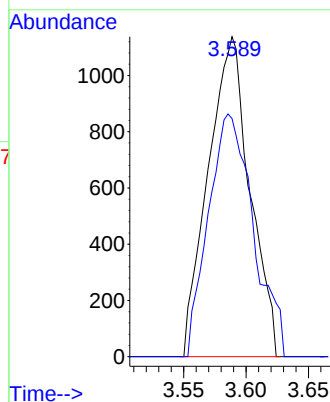
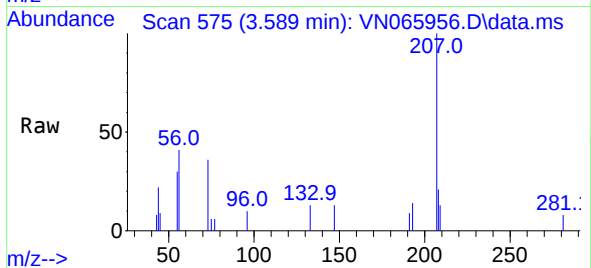




#13
Acrolein
Concen: 9.03 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

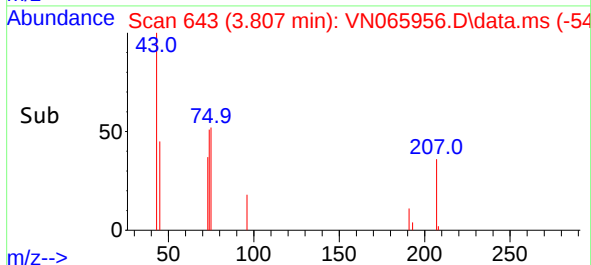
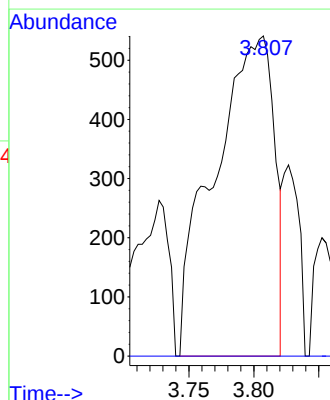
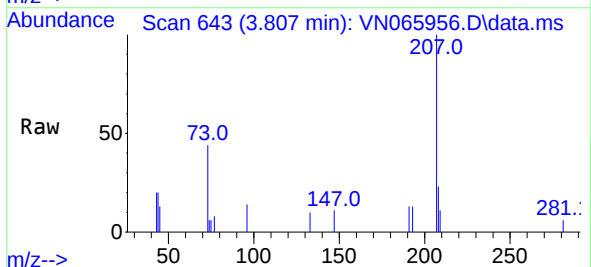
Instrument :
MSVOA_N
ClientSampled :

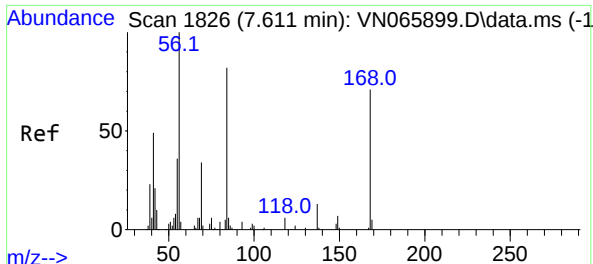
Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
55 81.6 56.0 84.0



#16
Acetone
Concen: 0.81 ug/l
RT: 3.807 min Scan# 643
Delta R.T. 0.019 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

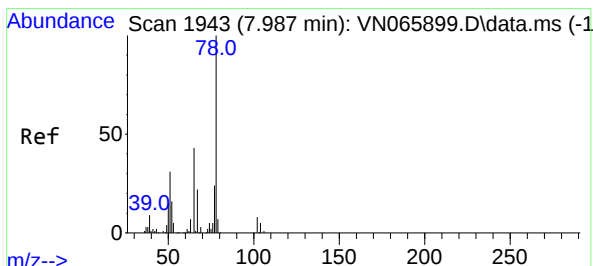
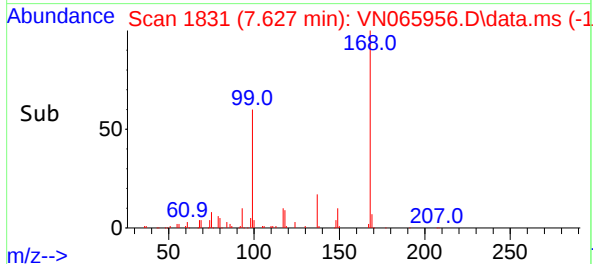
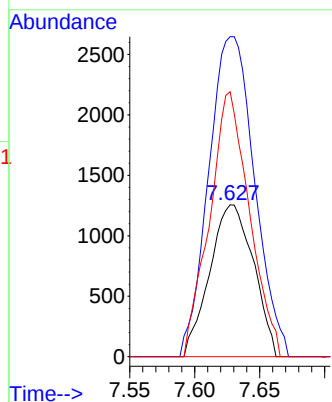
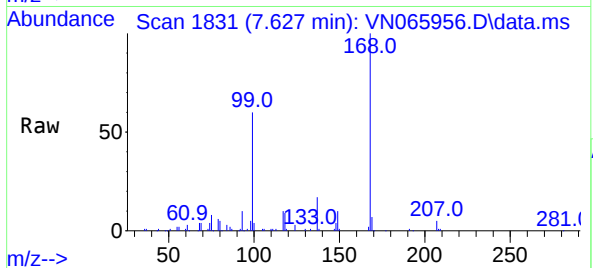




#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

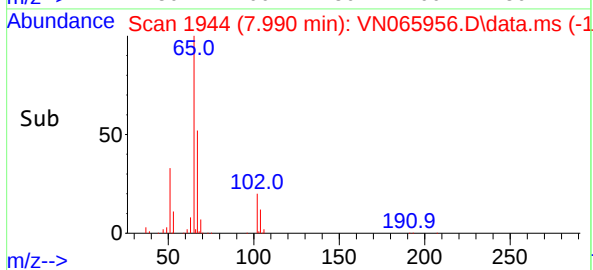
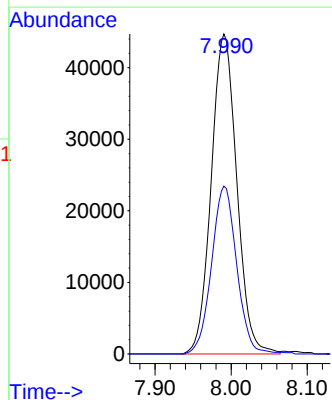
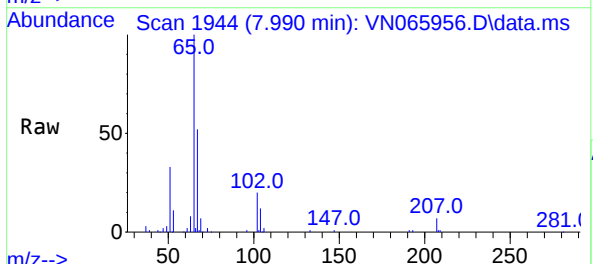
Instrument :
MSVOA_N
ClientSampled :

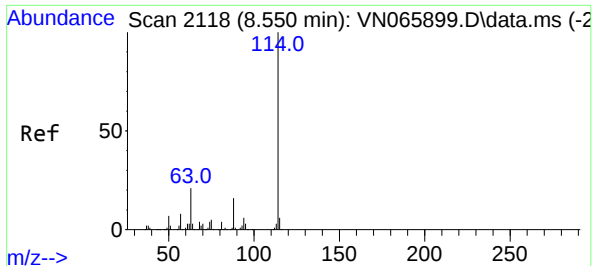
Tgt Ion: 56 Resp: 2944
Ion Ratio Lower Upper
56 100
69 210.7 26.6 39.8#
84 174.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.29 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 65 Resp: 104308
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2



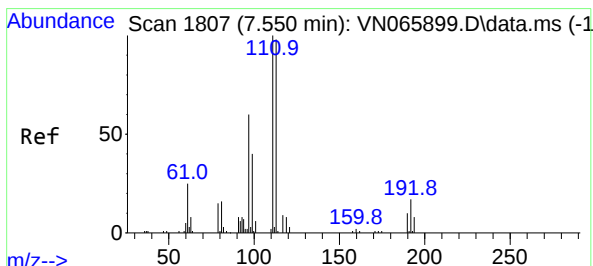
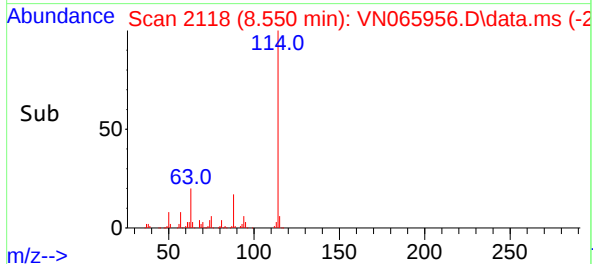
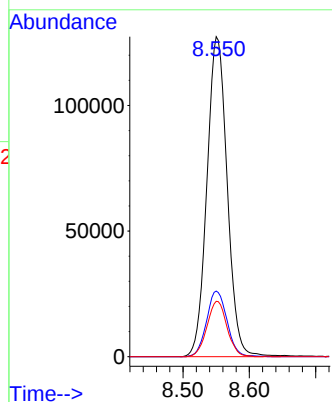
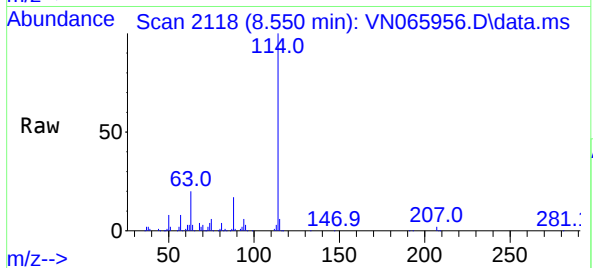


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Instrument :
MSVOA_N
ClientSampled :

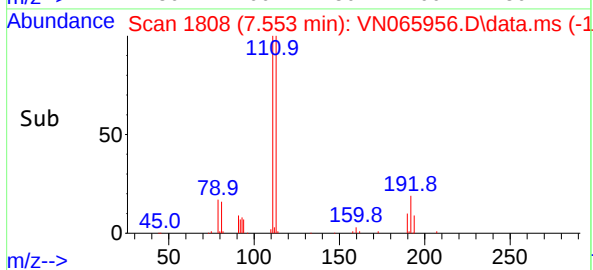
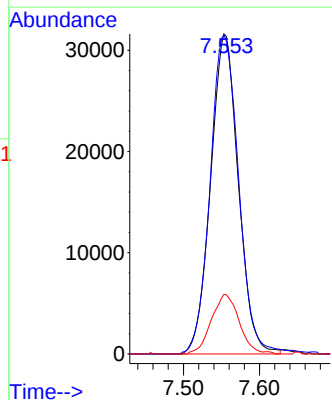
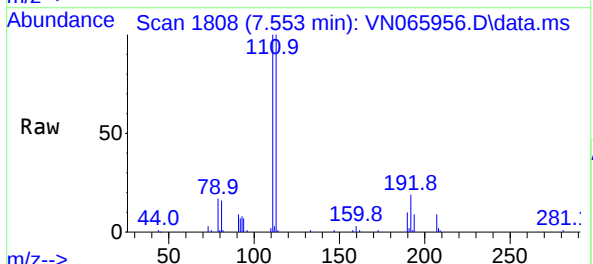
Tgt Ion:	114	Resp:	270266
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	38.6
88	17.3	0.0	30.6

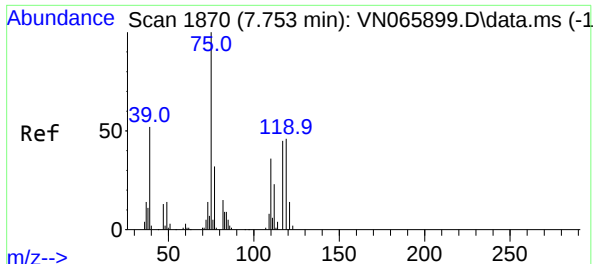


#35

Dibromofluoromethane
Concen: 47.78 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion:	113	Resp:	79922
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	18.6	15.4	23.0

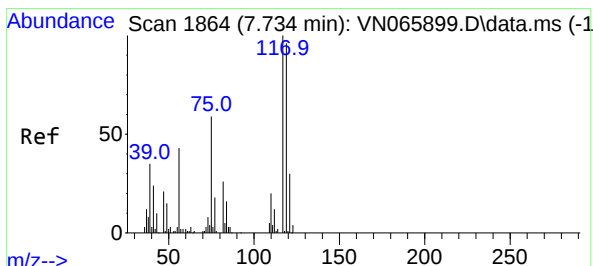
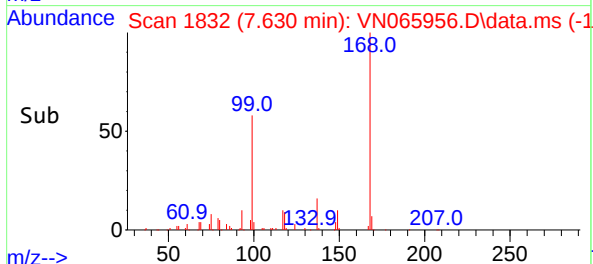
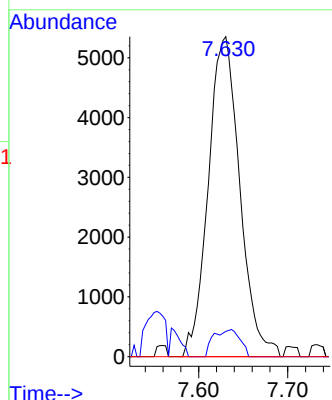
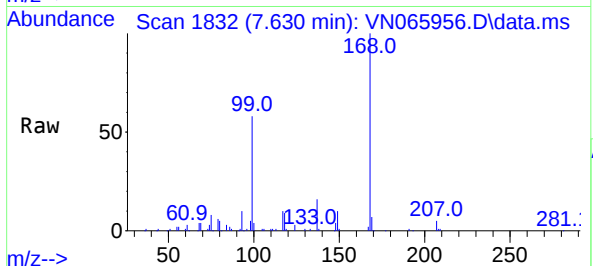




#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

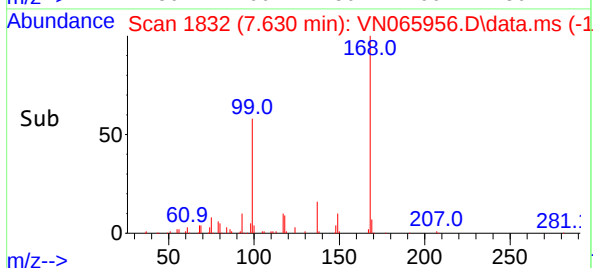
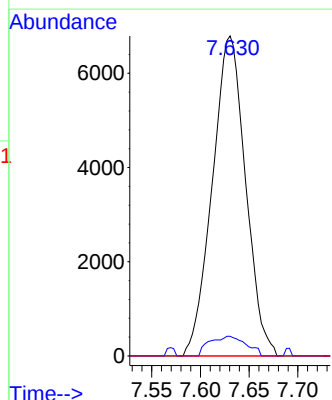
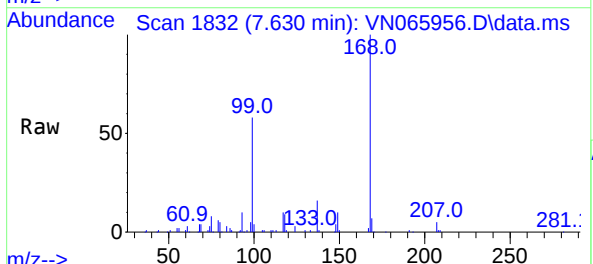
Instrument :
MSVOA_N
ClientSampled :

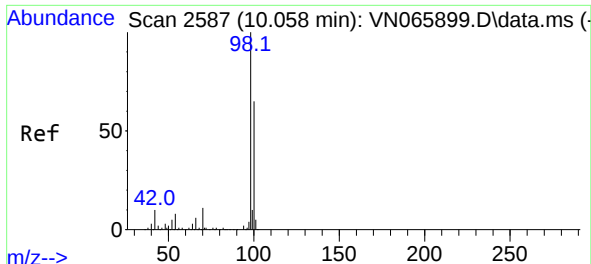
Tgt Ion: 75 Resp: 13178
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.51 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 117 Resp: 16122
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.5 36.7#

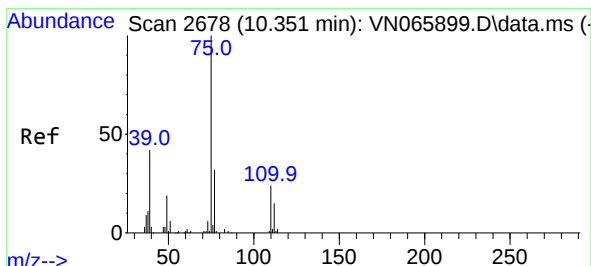
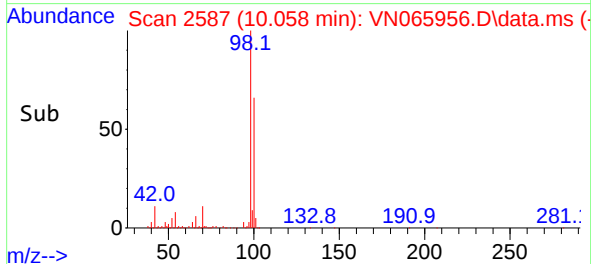
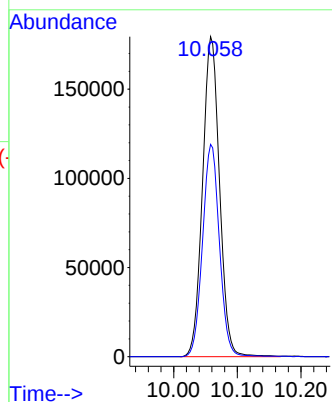
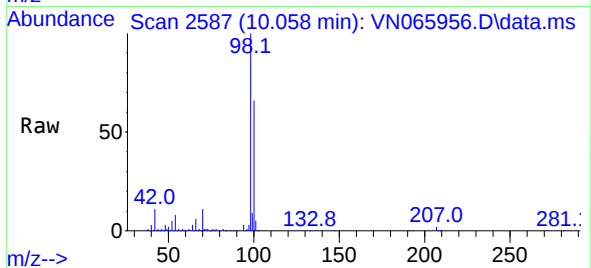




#50
Toluene-d8
Concen: 48.45 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

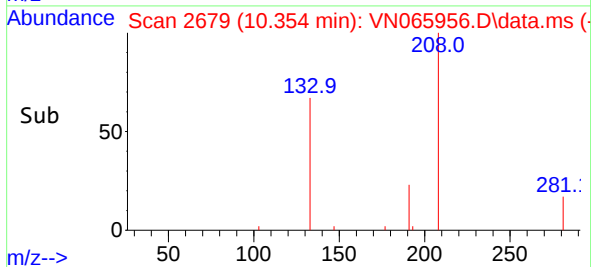
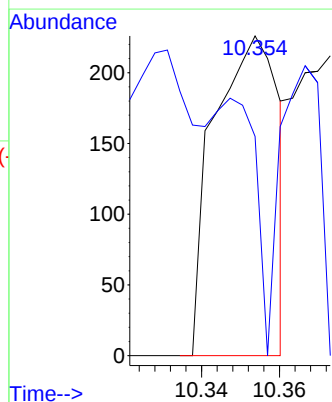
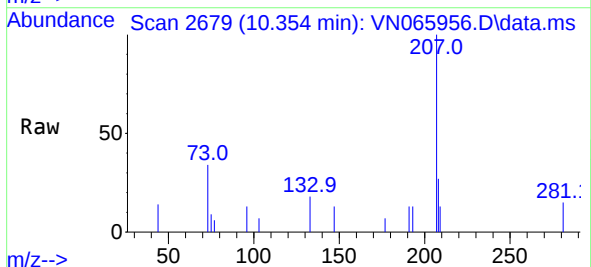
Instrument :
MSVOA_N
ClientSampled :

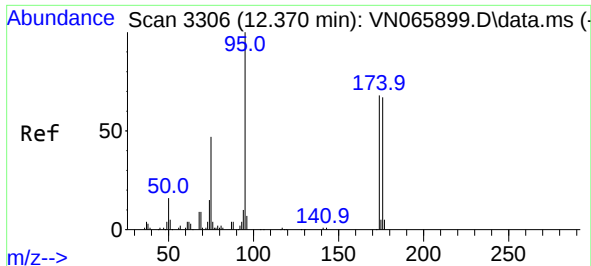
Tgt Ion: 98 Resp: 332686
Ion Ratio Lower Upper
98 100
100 65.8 50.5 75.7



#53
t-1,3-Dichloropropene
Concen: 2.06 ug/l
RT: 10.354 min Scan# 2679
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 75 Resp: 260
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

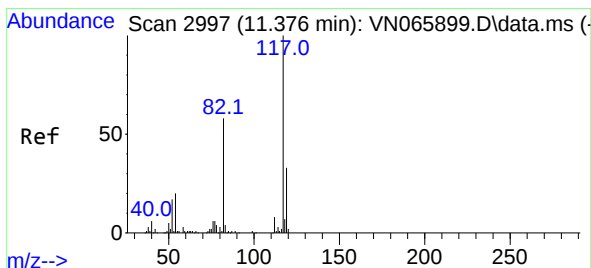
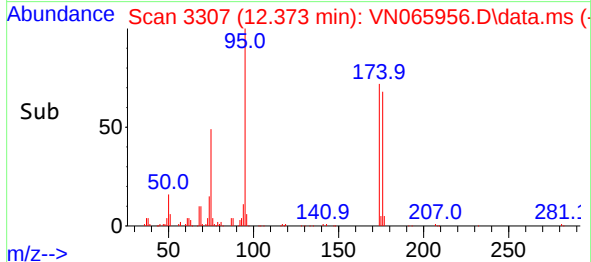
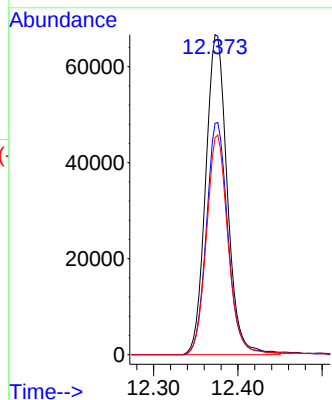
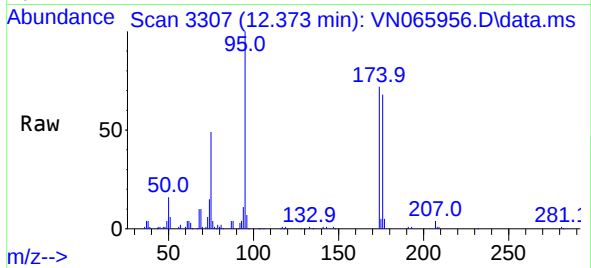




#62
4-Bromofluorobenzene
Concen: 46.06 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

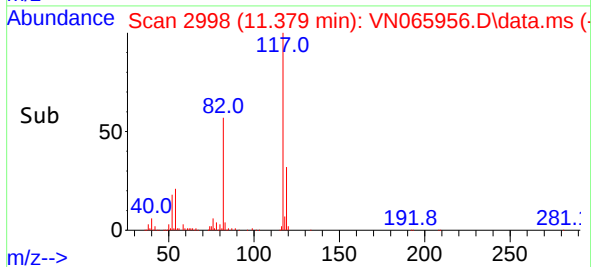
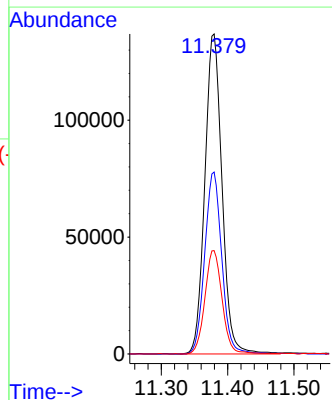
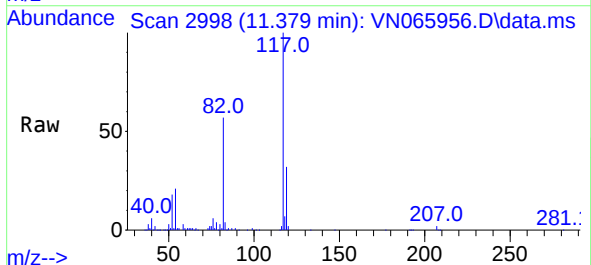
Instrument :
MSVOA_N
ClientSampleId :

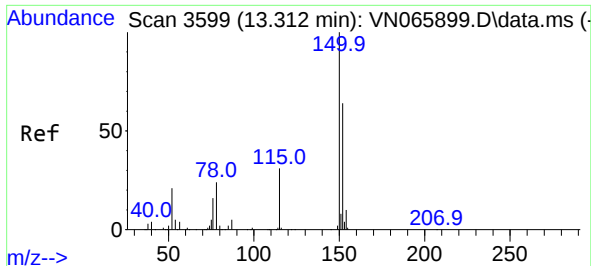
Tgt Ion: 95 Resp: 118727
Ion Ratio Lower Upper
95 100
174 73.0 0.0 169.0
176 69.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 117 Resp: 246951
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 32.3 26.1 39.1

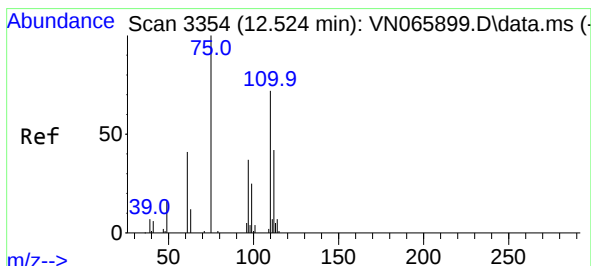
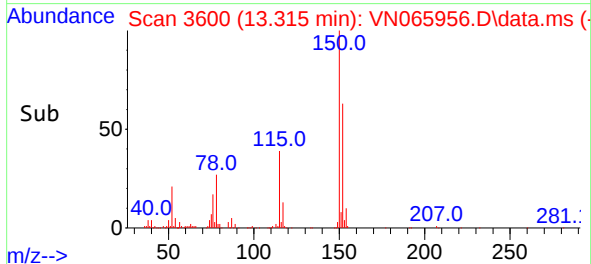
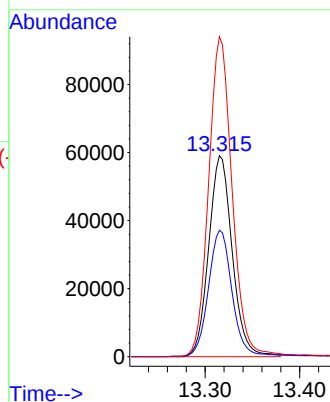
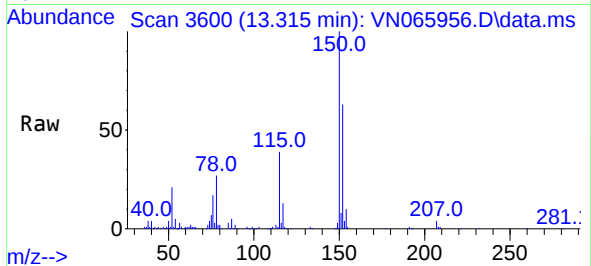




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

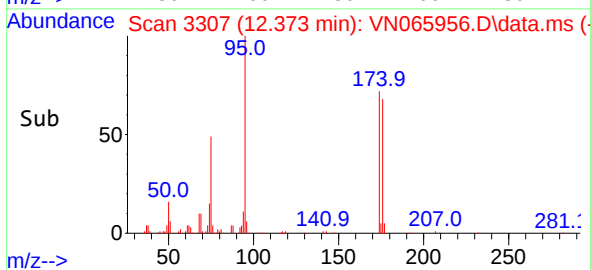
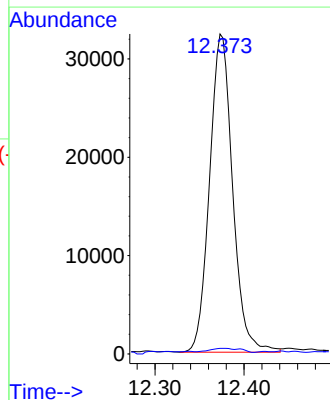
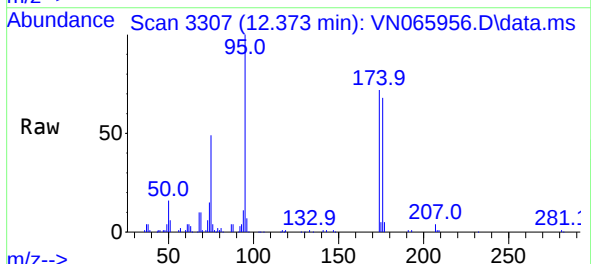
Instrument :
MSVOA_N
ClientSampled :

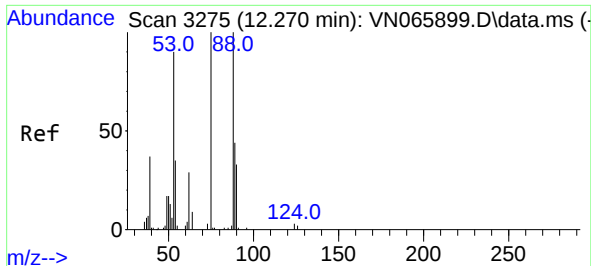
Tgt Ion:152 Resp: 102368
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.63 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 75 Resp: 58116
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

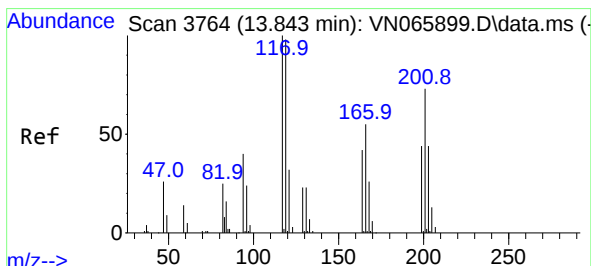
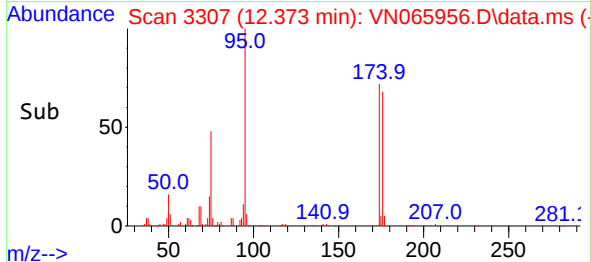
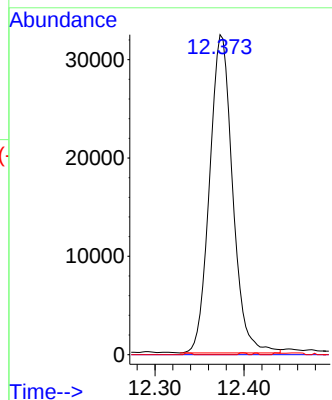
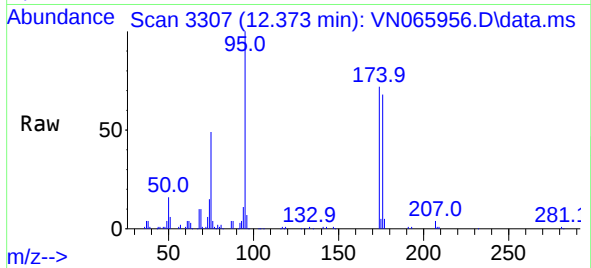




#81
trans-1,4-Dichloro-2-butene
Concen: 75.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

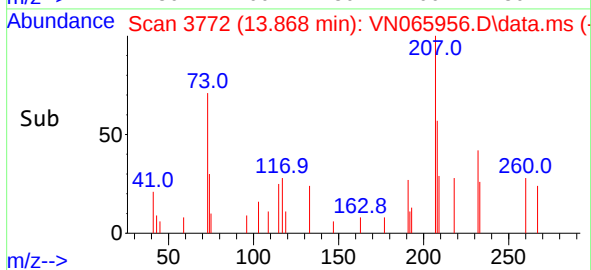
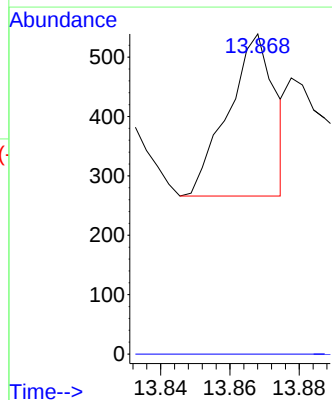
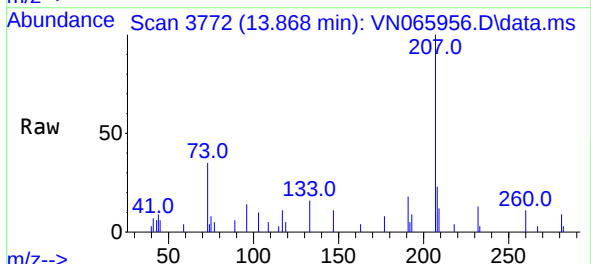
Instrument :
MSVOA_N
ClientSampled :

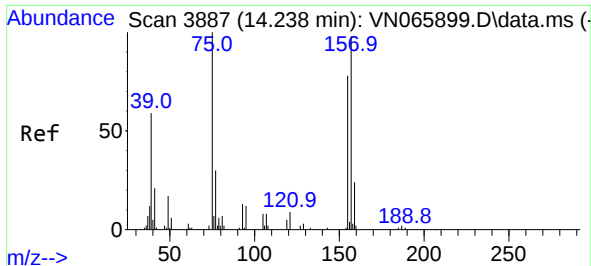
Tgt Ion: 75 Resp: 58116
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 13.868 min Scan# 3772
Delta R.T. 0.025 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion: 117 Resp: 256
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#

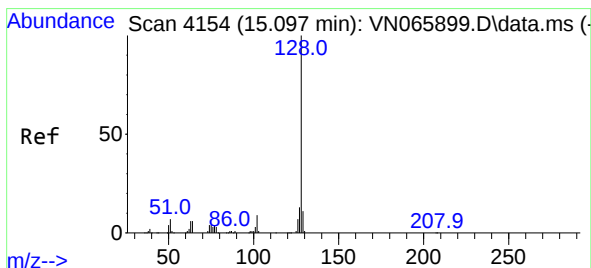
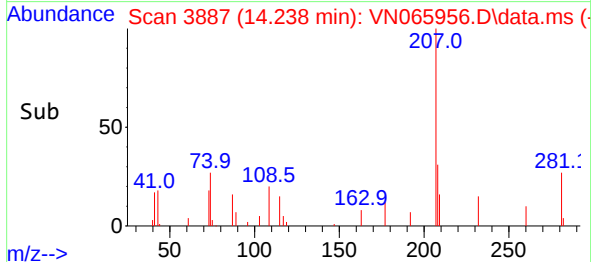
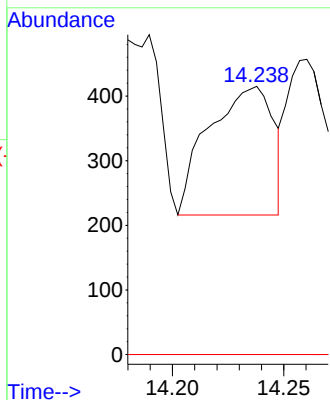
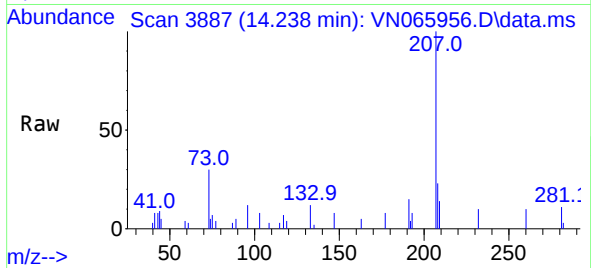




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.66 ug/l
RT: 14.238 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 400
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.07 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065956.D
Acq: 22 Feb 2021 13:45

Tgt Ion:128 Resp: 93
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

