

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065957.D
 Acq On : 22 Feb 2021 14:09
 Operator : JC/MD
 Sample : M1450-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 22 15:13:25 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)

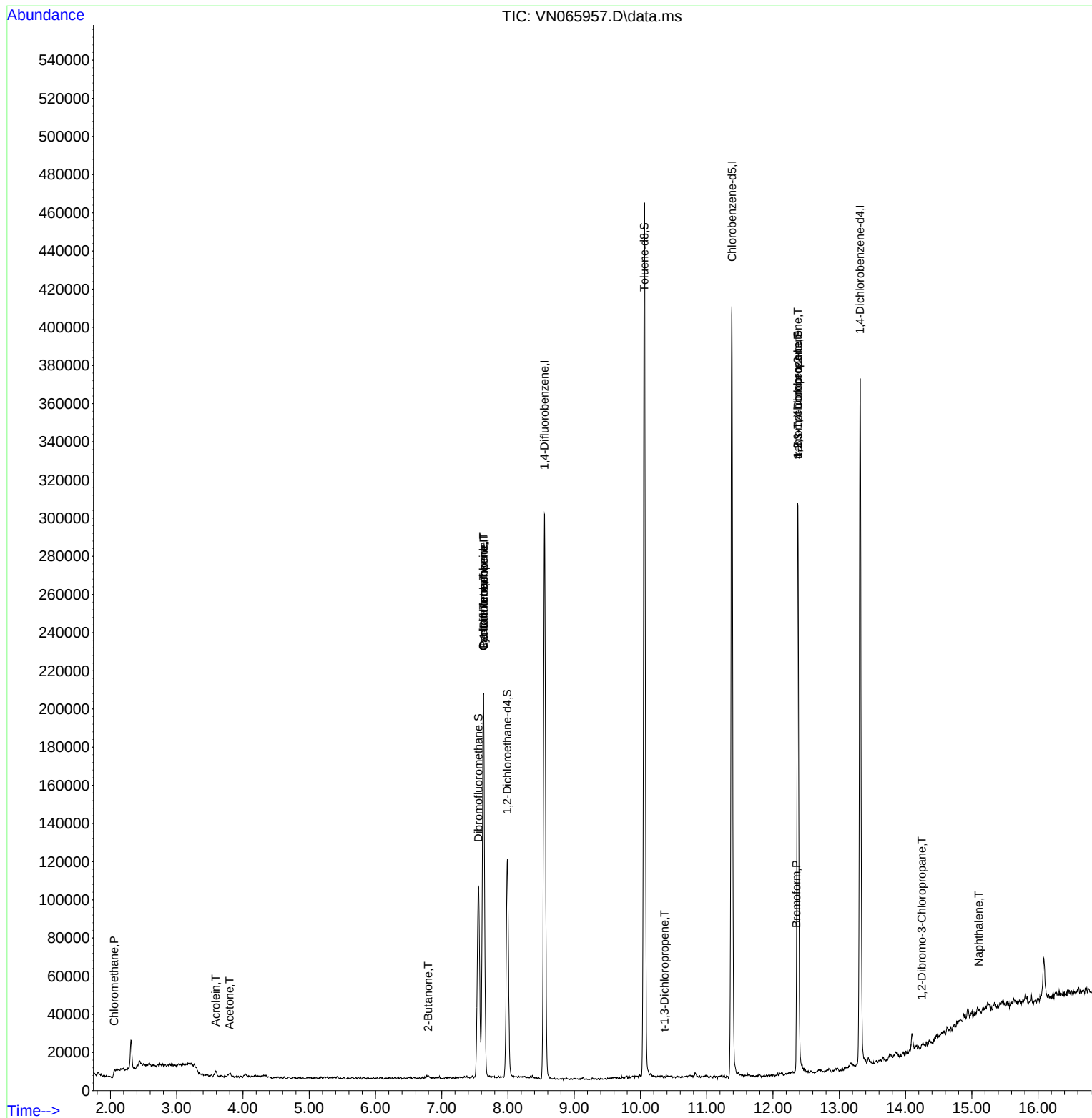
Internal Standards						
1) Pentafluorobenzene	7.631	168	163137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	271712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	246397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	101915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	103998	45.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.18%
35) Dibromofluoromethane	7.553	113	80134	47.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.30%
50) Toluene-d8	10.058	98	328459	47.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.16%
62) 4-Bromofluorobenzene	12.373	95	121267	46.80	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.60%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	1688	0.63	ug/l	96
13) Acrolein	3.589	56	2953	10.17	ug/l #	64
16) Acetone	3.798	43	2794	2.31	ug/l	99
25) 2-Butanone	6.795	43	459	0.41	ug/l #	46
31) Cyclohexane	7.627	56	3161	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.631	75	13149	4.91	ug/l #	45
38) Carbon Tetrachloride	7.627	117	16406	6.59	ug/l #	17
53) t-1,3-Dichloropropene	10.364	75	172	2.03	ug/l #	42
71) Bromoform	12.354	173	31	2.52	ug/l #	29
76) 1,2,3-Trichloropropane	12.373	75	58636	23.95	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	58636	76.33	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.244	75	142	1.14	ug/l #	1
95) Naphthalene	15.106	128	148	3.08	ug/l #	69

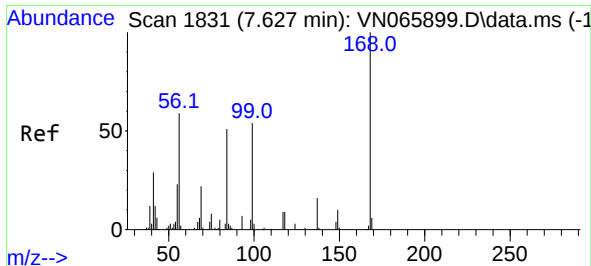
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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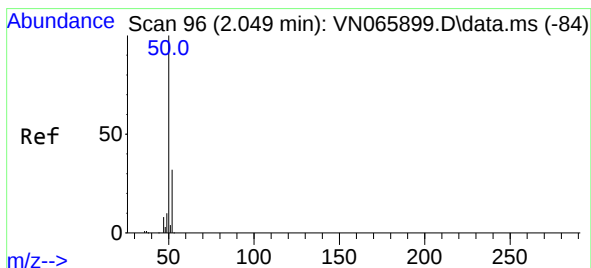
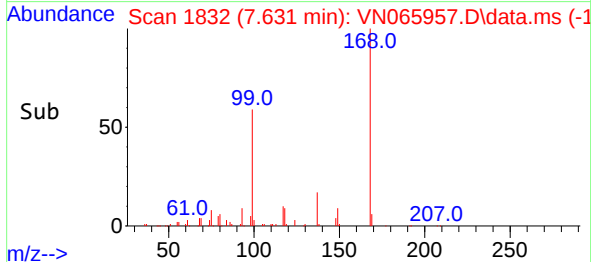
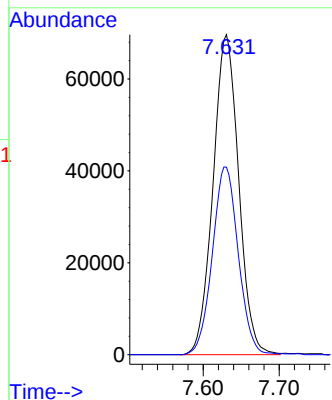
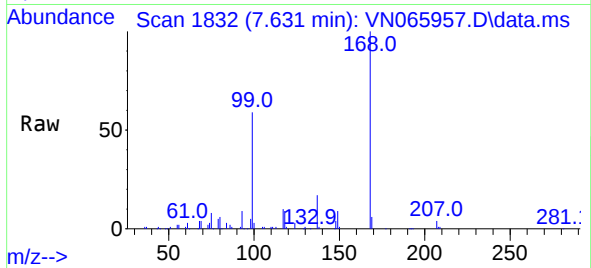




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

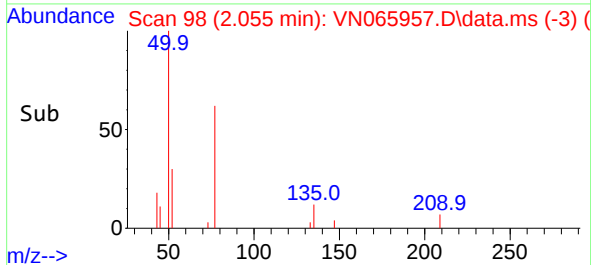
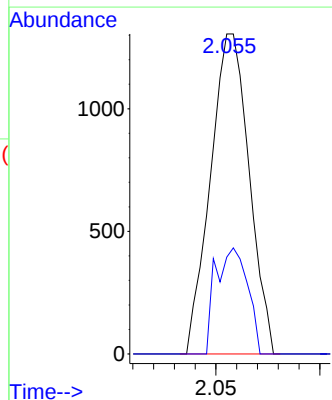
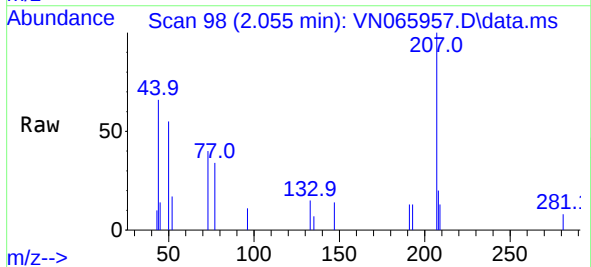
Instrument :
MSVOA_N
ClientSampleId :

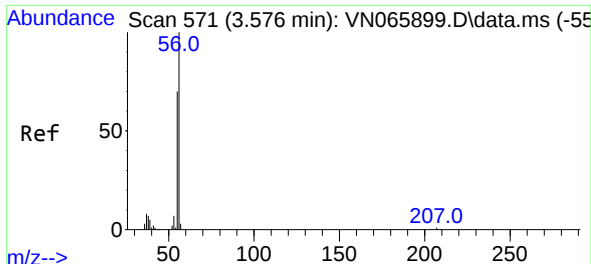
Tgt Ion:168 Resp: 163137
Ion Ratio Lower Upper
168 100
99 58.6 42.6 63.8



#3
Chloromethane
Concen: 0.63 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 50 Resp: 1688
Ion Ratio Lower Upper
50 100
52 30.3 25.8 38.8

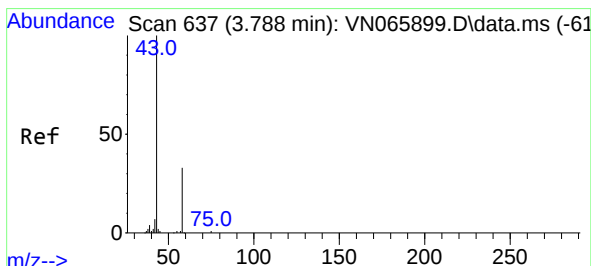
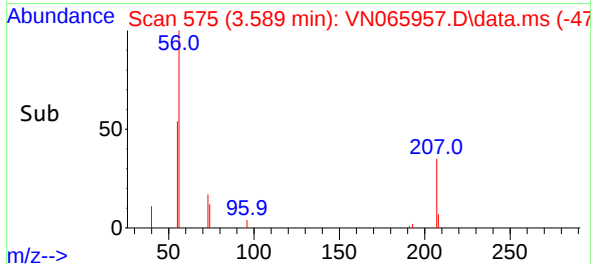
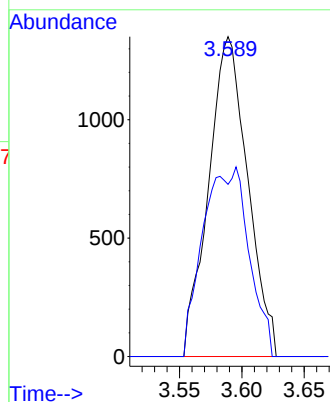
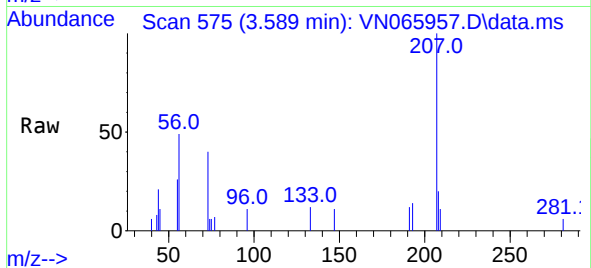




#13
Acrolein
Concen: 10.17 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

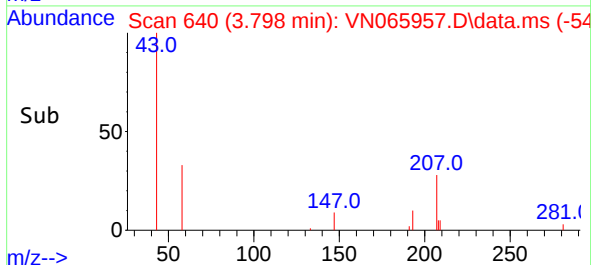
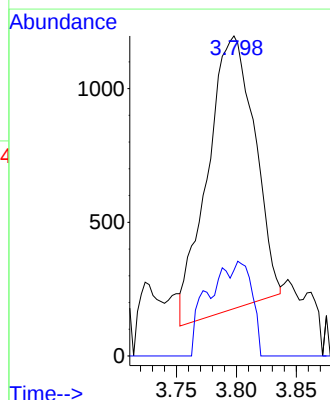
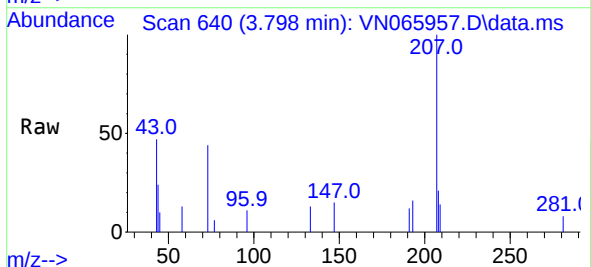
Instrument :
MSVOA_N
ClientSampled :

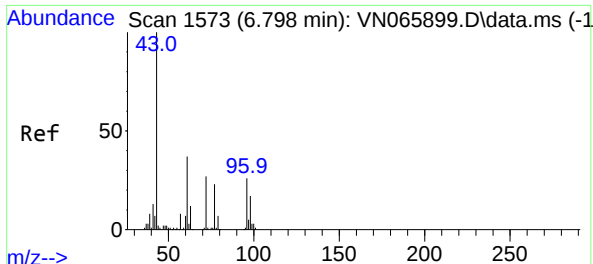
Tgt Ion: 56 Resp: 2953
Ion Ratio Lower Upper
56 100
55 40.1 56.0 84.0#



#16
Acetone
Concen: 2.31 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.6

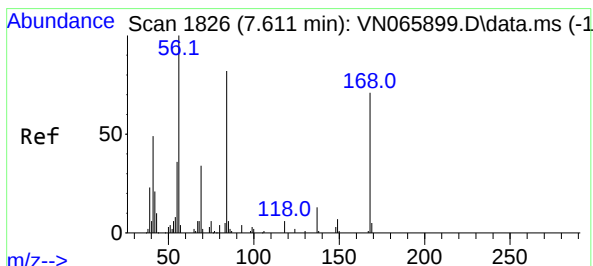
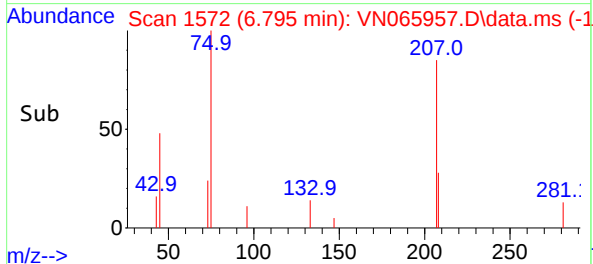
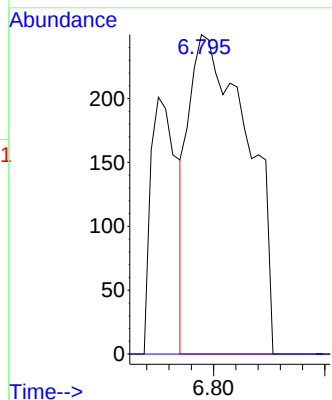
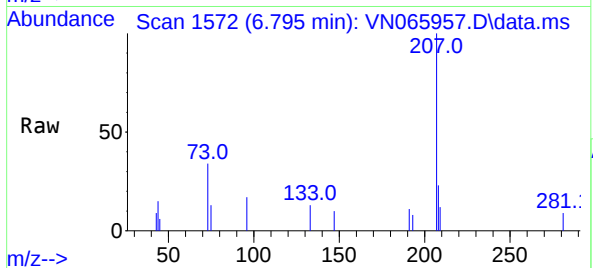




#25
2-Butanone
Concen: 0.41 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

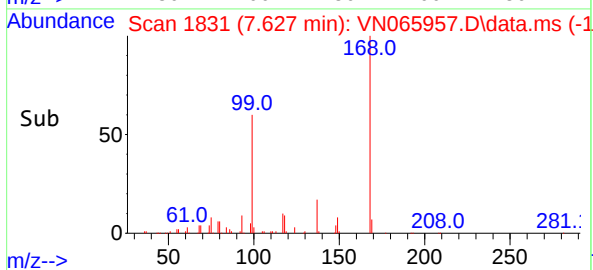
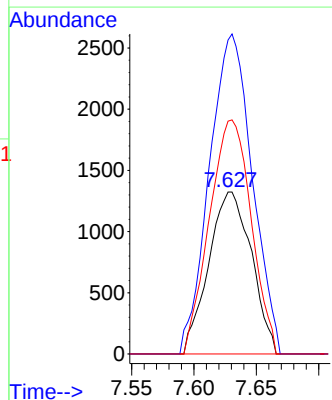
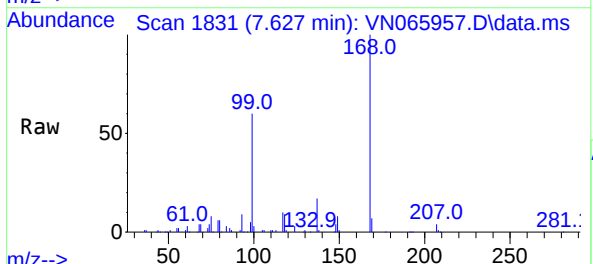
Instrument :
MSVOA_N
ClientSampled :

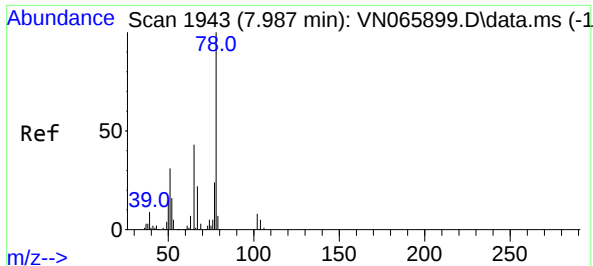
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 56 Resp: 3161
Ion Ratio Lower Upper
56 100
69 193.8 26.6 39.8#
84 143.7 70.4 105.6#

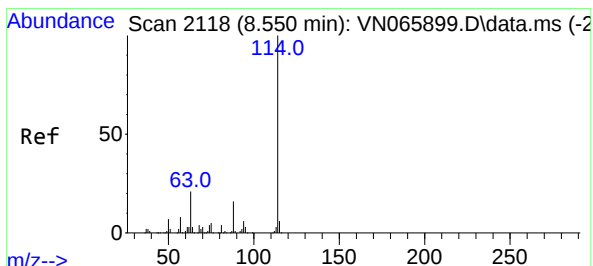
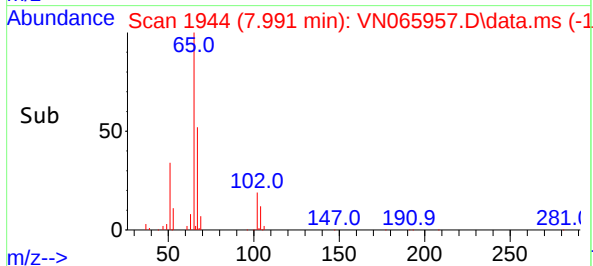
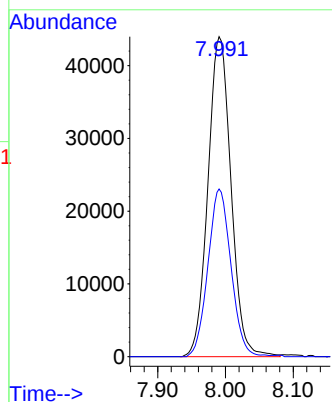
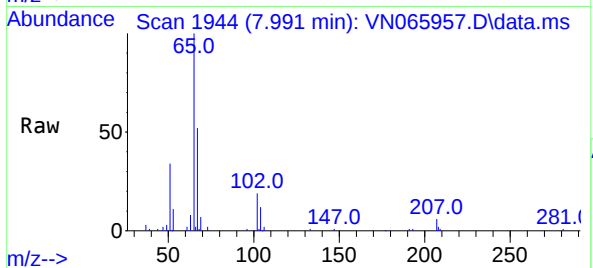




#33
1,2-Dichloroethane-d4
Concen: 45.59 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

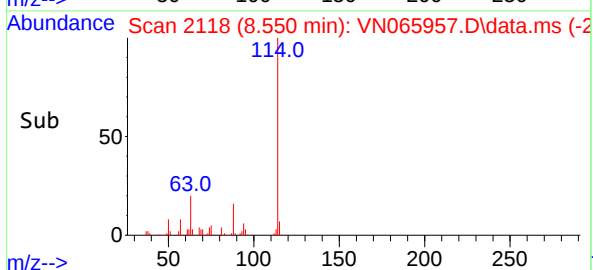
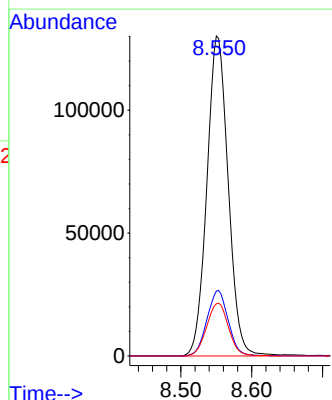
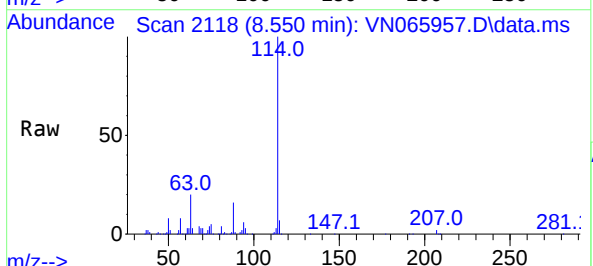
Instrument :
MSVOA_N
ClientSampleId :

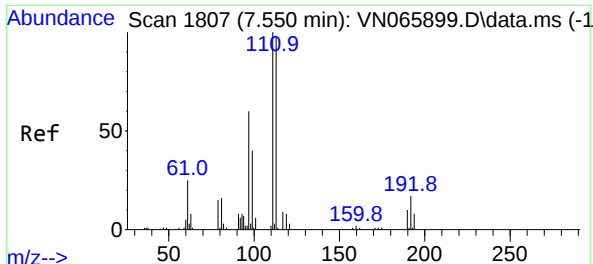
Tgt Ion: 65 Resp: 103998
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 114 Resp: 271712
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.3 0.0 30.6

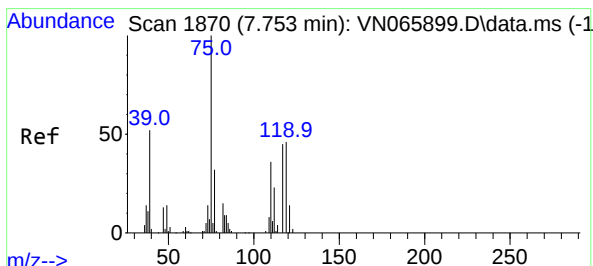
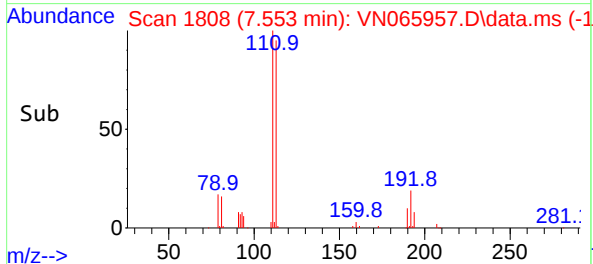
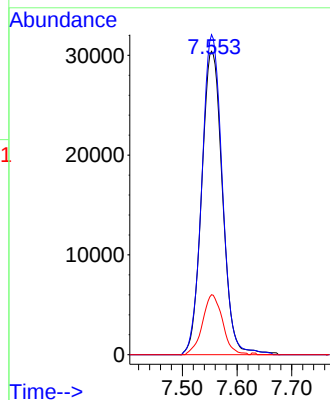
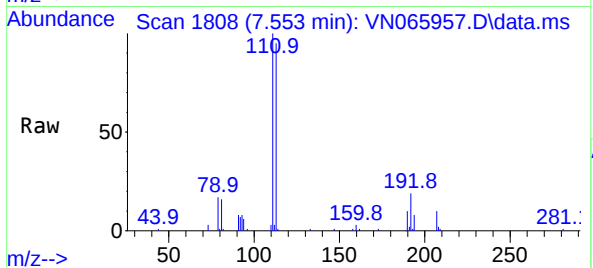




#35
Dibromofluoromethane
Concen: 47.65 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

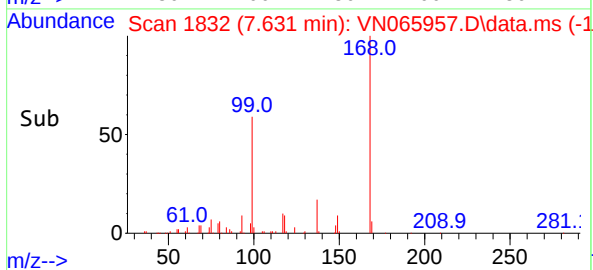
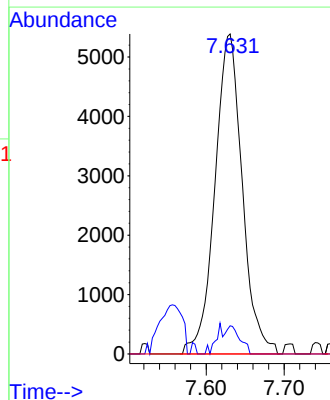
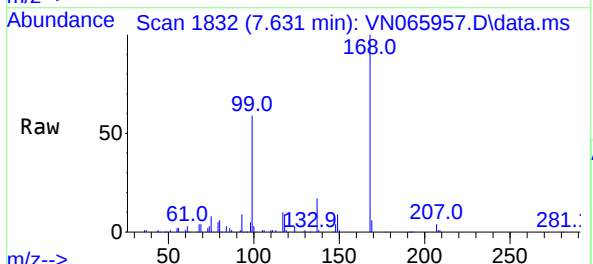
Instrument :
MSVOA_N
ClientSampleId :

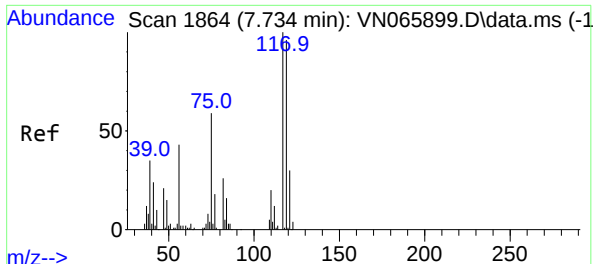
Tgt Ion:113 Resp: 80134
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.122 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 75 Resp: 13149
Ion Ratio Lower Upper
75 100
110 4.2 18.2 54.6#
77 0.0 24.9 37.3#

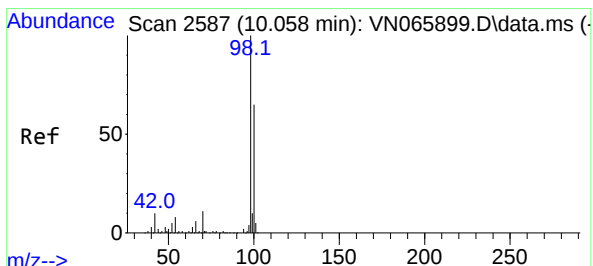
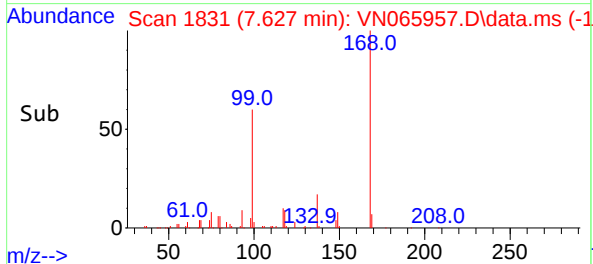
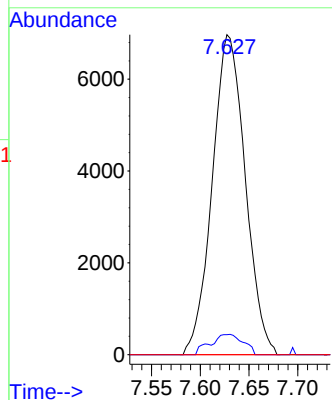
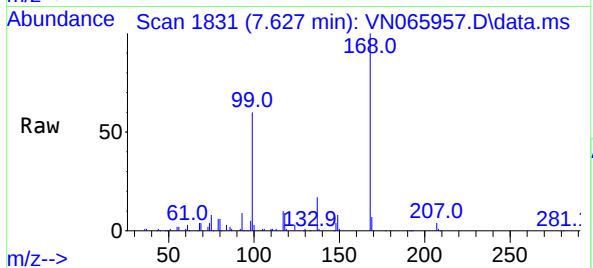




#38
Carbon Tetrachloride
Concen: 6.59 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

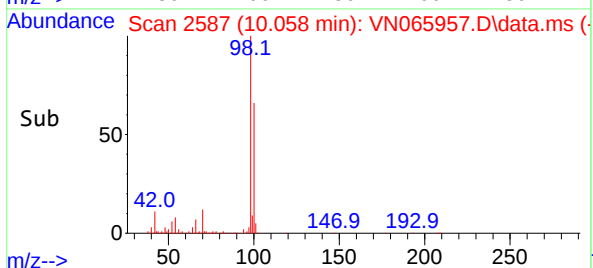
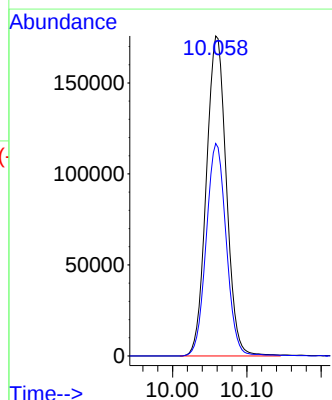
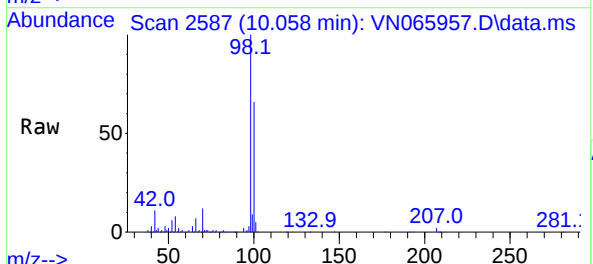
Instrument :
MSVOA_N
ClientSampleId :

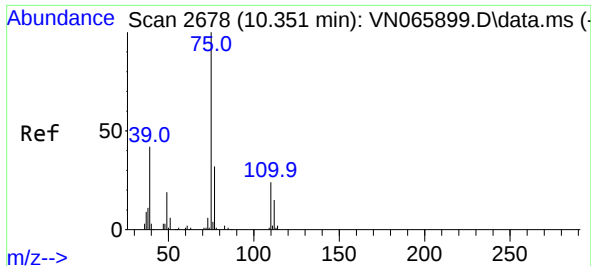
Tgt Ion:117 Resp: 16406
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.58 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 98 Resp: 328459
Ion Ratio Lower Upper
98 100
100 66.6 50.5 75.7

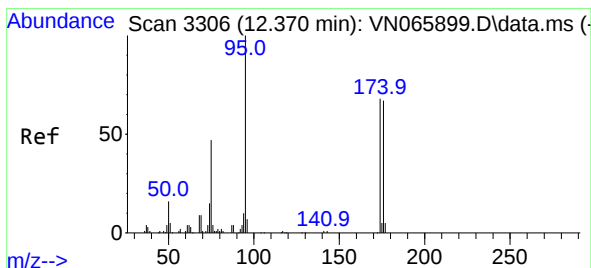
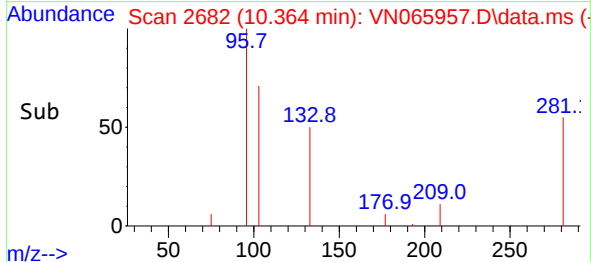
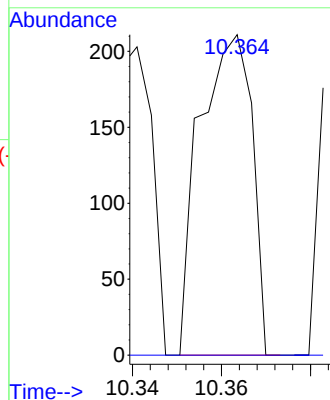
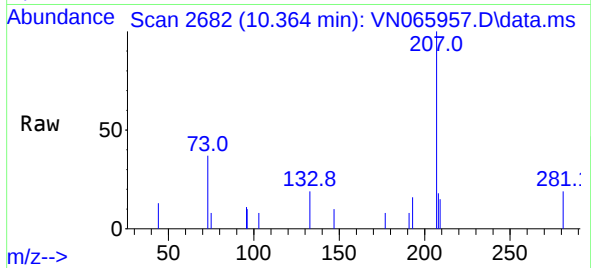




#53
t-1,3-Dichloropropene
Concen: 2.03 ug/l
RT: 10.364 min Scan# 2682
Delta R.T. 0.013 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

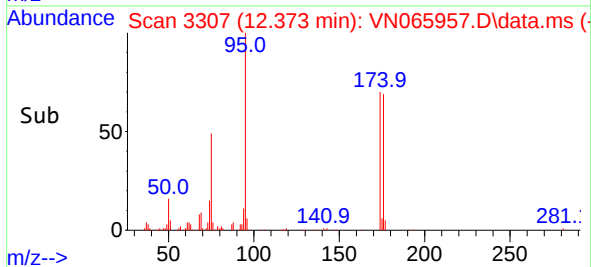
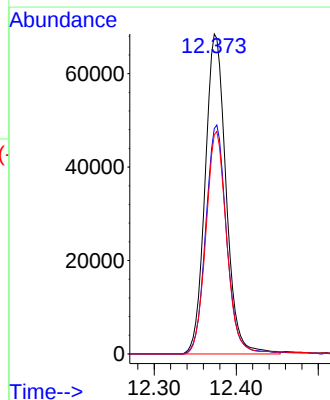
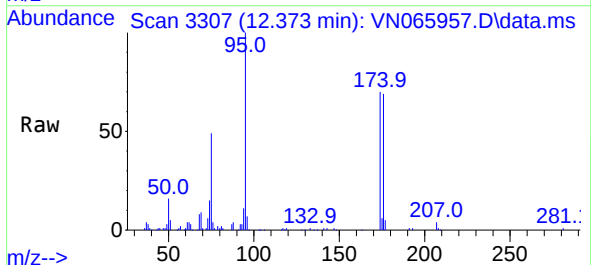
Instrument :
MSVOA_N
ClientSampleId :

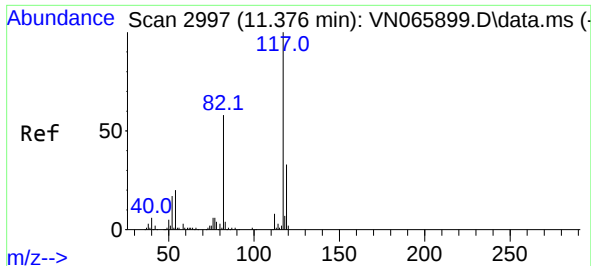
Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#



#62
4-Bromofluorobenzene
Concen: 46.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 95 Resp: 121267
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 68.5 0.0 162.4

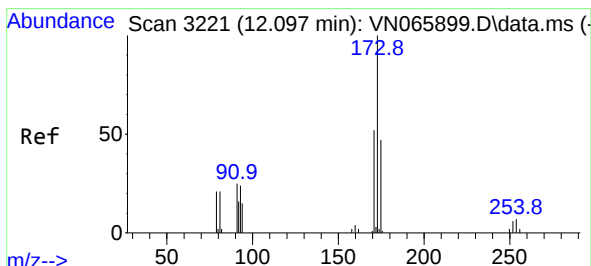
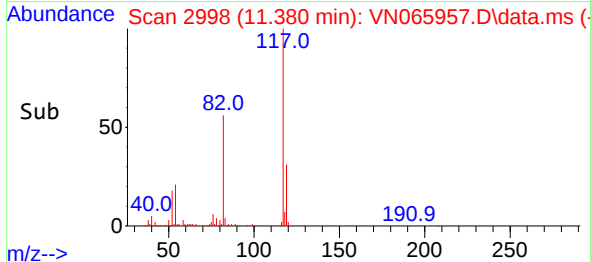
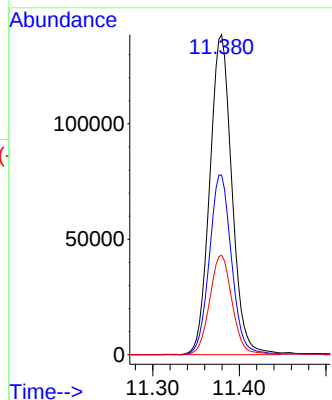
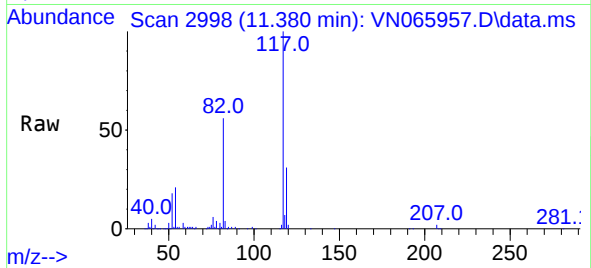




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

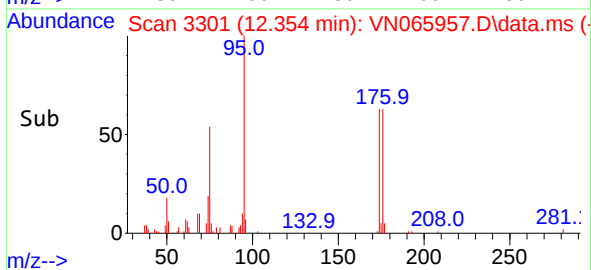
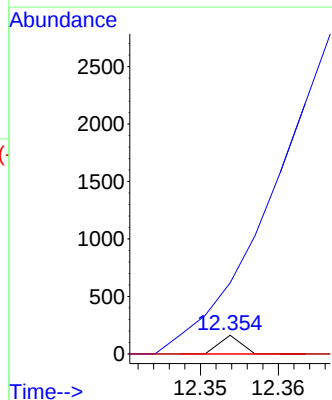
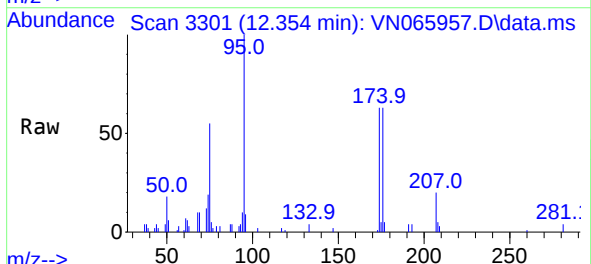
Instrument :
MSVOA_N
ClientSampled :

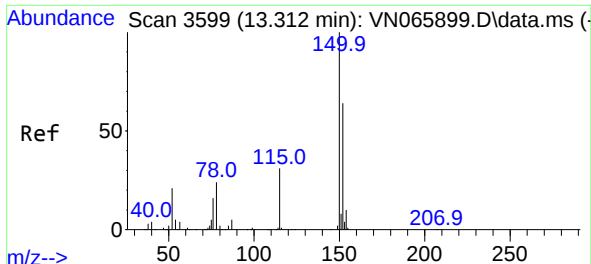
Tgt Ion:117 Resp: 246397
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 31.1 26.1 39.1



#71
Bromoform
Concen: 2.52 ug/l
RT: 12.354 min Scan# 3301
Delta R.T. 0.257 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion:173 Resp: 31
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0

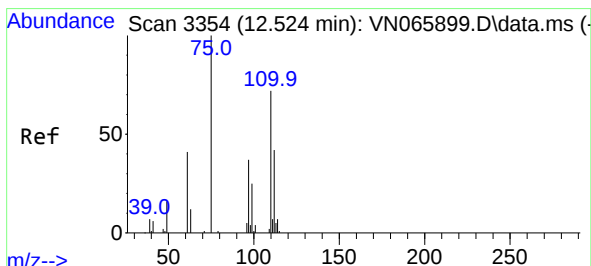
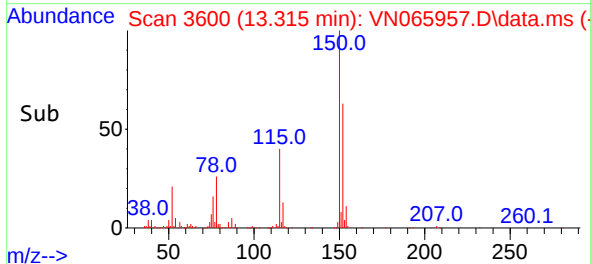
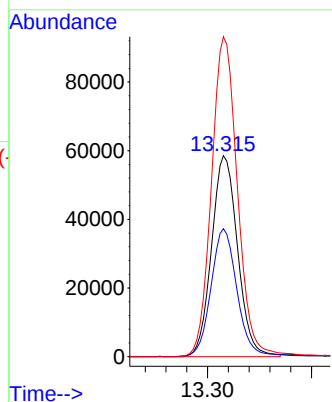
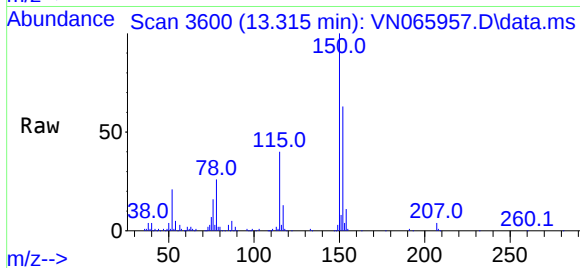




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

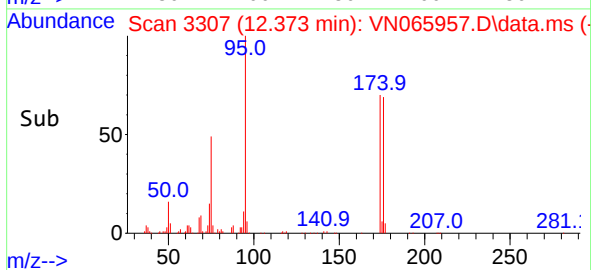
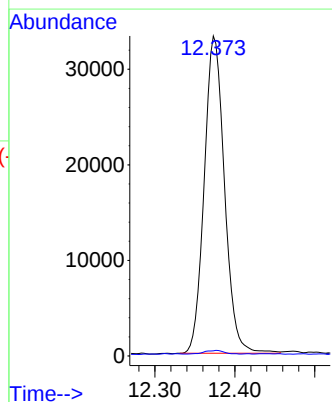
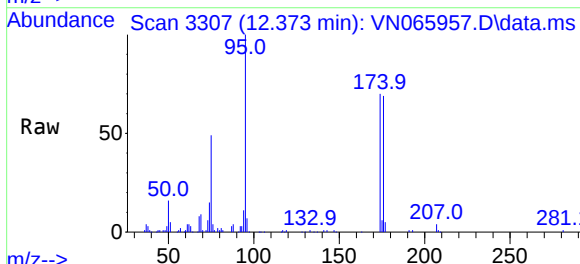
Instrument :
MSVOA_N
ClientSampled :

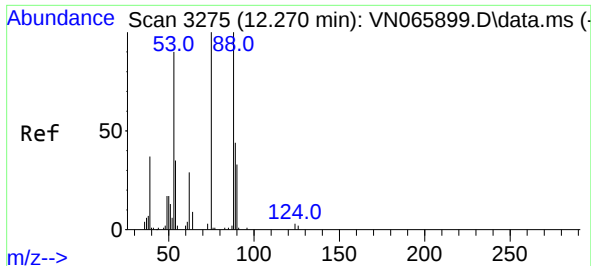
Tgt Ion:152 Resp: 101915
Ion Ratio Lower Upper
152 100
115 64.0 28.5 85.6
150 160.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.95 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Tgt Ion: 75 Resp: 58636
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

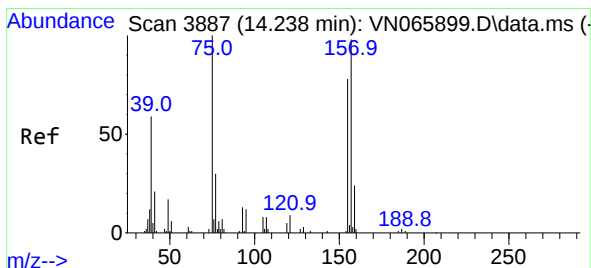
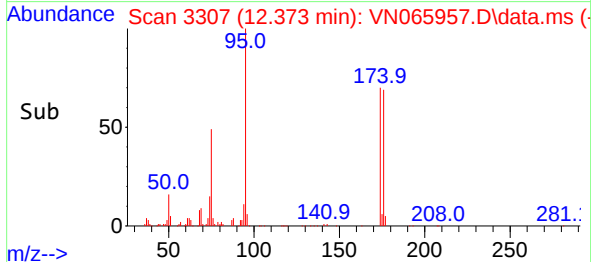
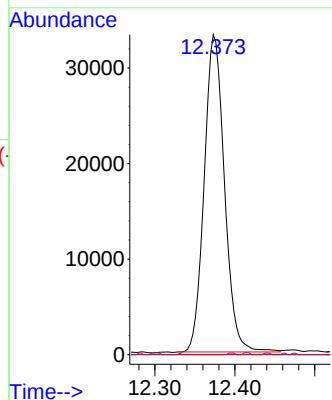
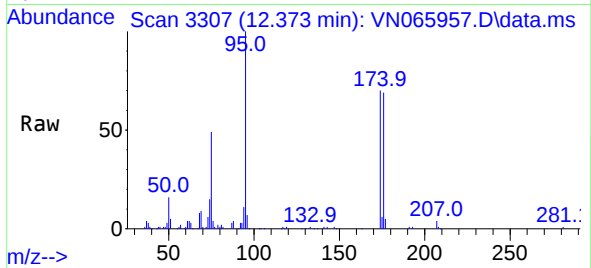




#81
trans-1,4-Dichloro-2-butene
Concen: 76.33 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

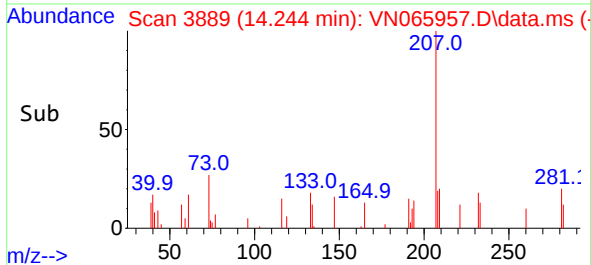
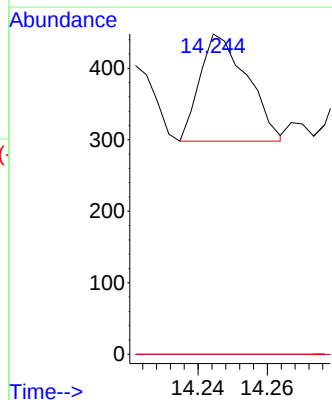
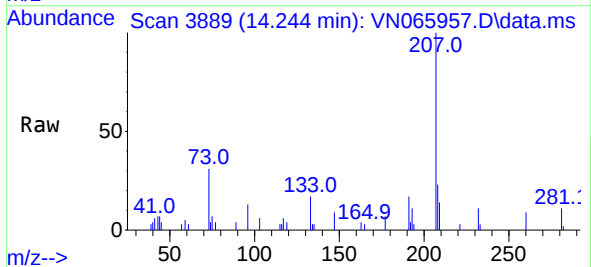
Instrument :
MSVOA_N
ClientSampleId :

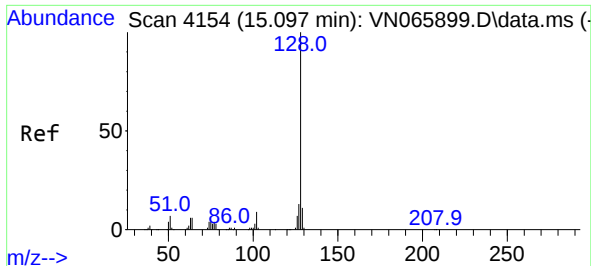
Tgt Ion: 75 Resp: 58636
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.14 ug/l
RT: 14.244 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

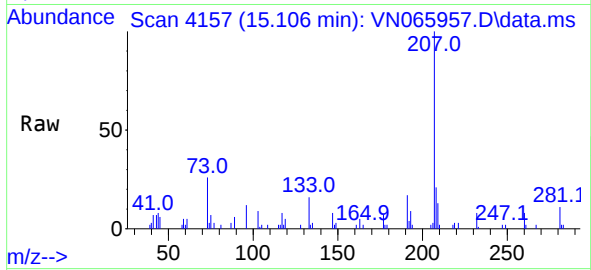
Tgt Ion: 75 Resp: 142
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.08 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.009 min
Lab File: VN065957.D
Acq: 22 Feb 2021 14:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	148
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

