

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065987.D
 Acq On : 23 Feb 2021 15:39
 Operator : JC/MD
 Sample : M1470-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:35:52 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)

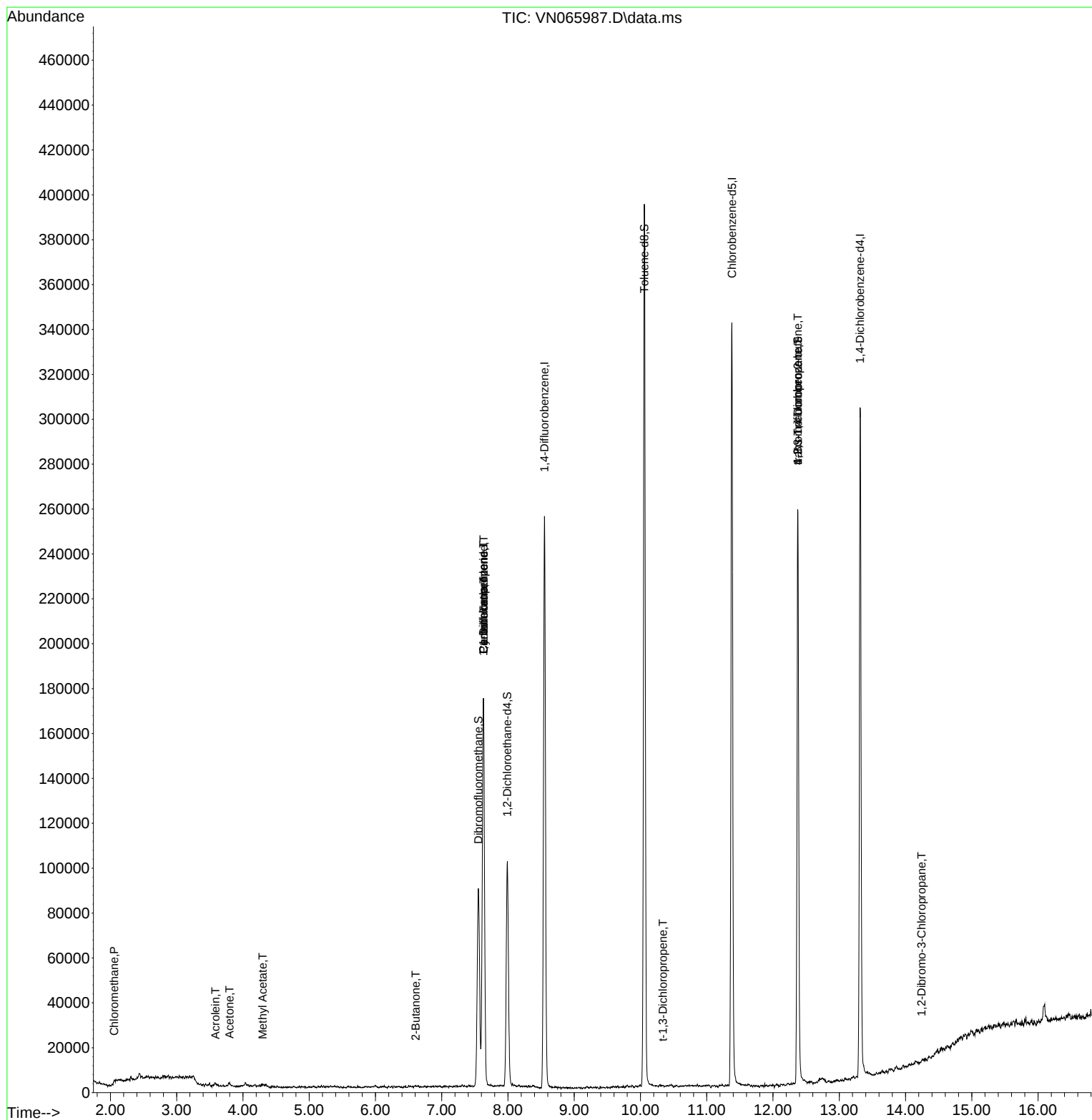
Internal Standards						
1) Pentafluorobenzene	7.630	168	140376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	231100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	211191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	86126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	92004	46.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.74%		
35) Dibromofluoromethane	7.553	113	70382	49.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.42%		
50) Toluene-d8	10.058	98	283936	48.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.72%		
62) 4-Bromofluorobenzene	12.373	95	101457	46.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.06%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	996	0.43	ug/l	100
13) Acrolein	3.586	56	1795	7.19	ug/l #	66
16) Acetone	3.798	43	2658	2.72	ug/l	94
18) Methyl Acetate	4.296	43	578	0.36	ug/l #	51
25) 2-Butanone	6.608	43	357	0.37	ug/l #	46
31) Cyclohexane	7.630	56	2523	0.86	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	11034	4.84	ug/l #	48
38) Carbon Tetrachloride	7.630	117	14309	6.76	ug/l #	17
53) t-1,3-Dichloropropene	10.338	75	59	2.00	ug/l #	42
76) 1,2,3-Trichloropropane	12.373	75	50849	24.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	50849	78.32	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.241	75	44	0.95	ug/l #	1

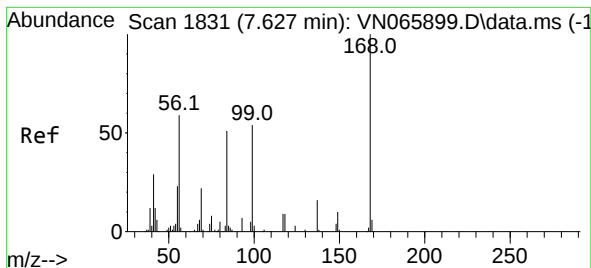
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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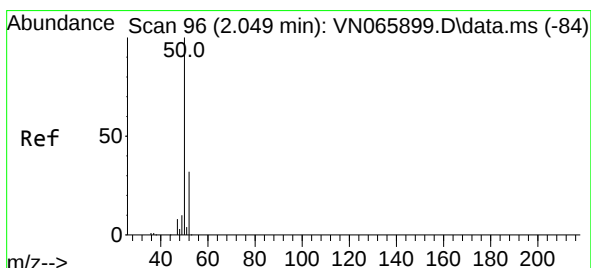
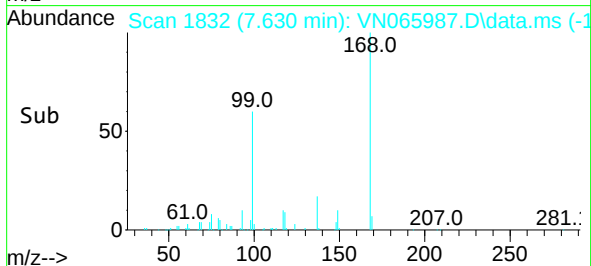
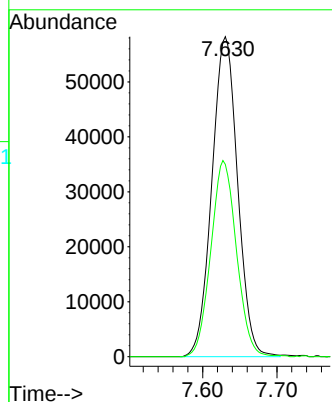
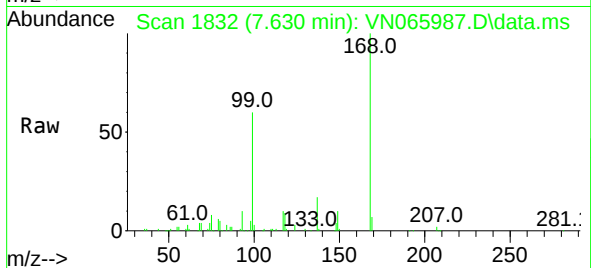


#1

Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Instrument :
MSVOA_N
ClientSampled :

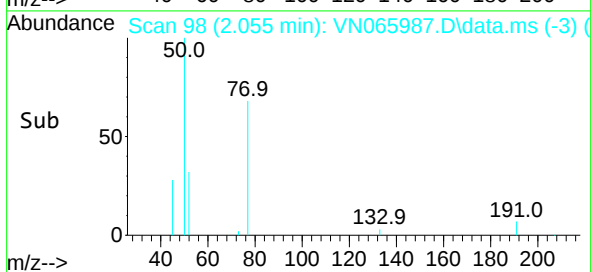
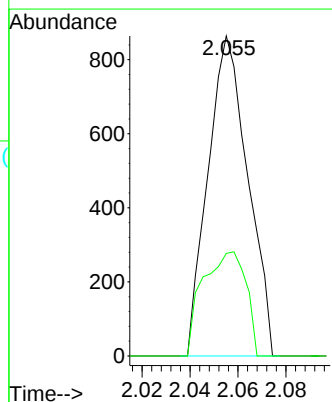
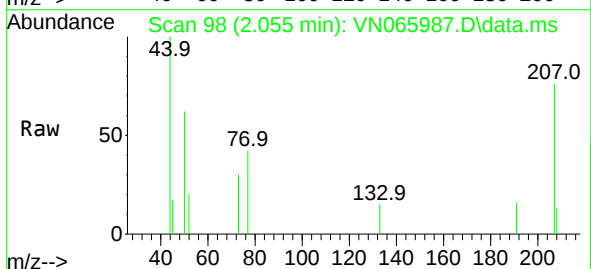
Tgt Ion:168 Resp: 140376
Ion Ratio Lower Upper
168 100
99 60.1 42.6 63.8

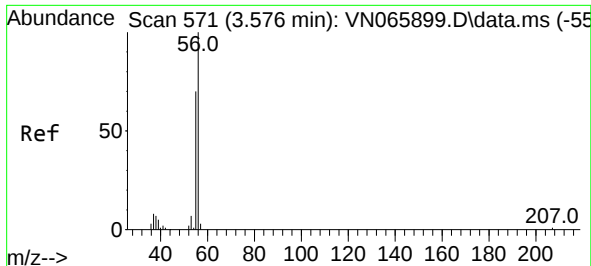


#3

Chloromethane
Concen: 0.43 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

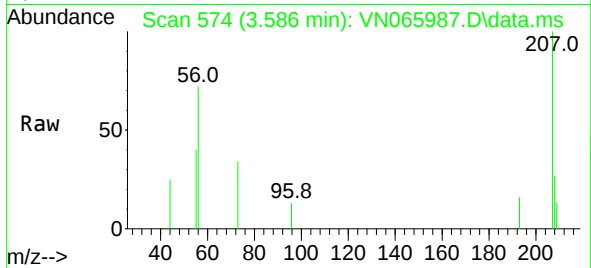
Tgt Ion: 50 Resp: 996
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



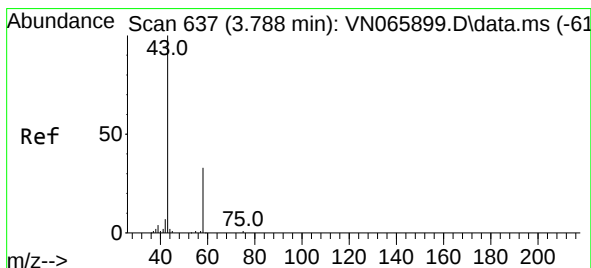
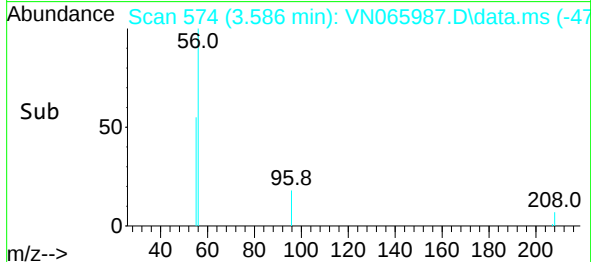
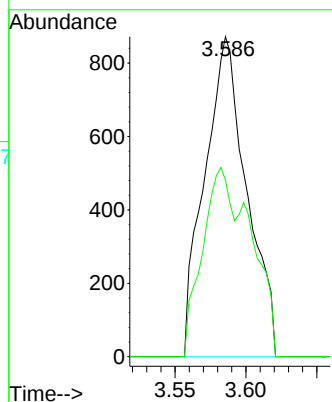


#13
Acrolein
Concen: 7.19 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Instrument :
MSVOA_N
ClientSampled :

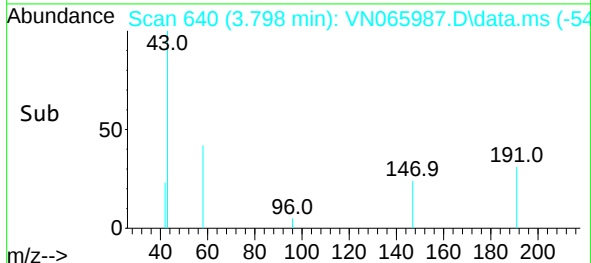
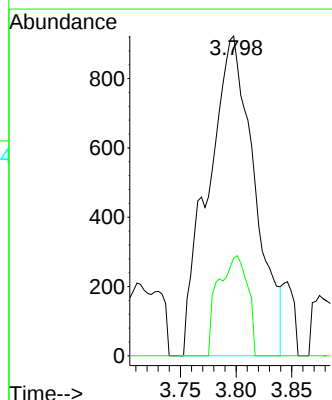
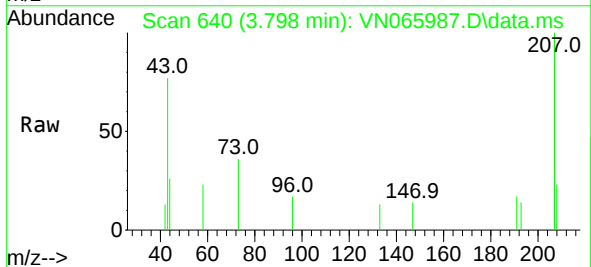


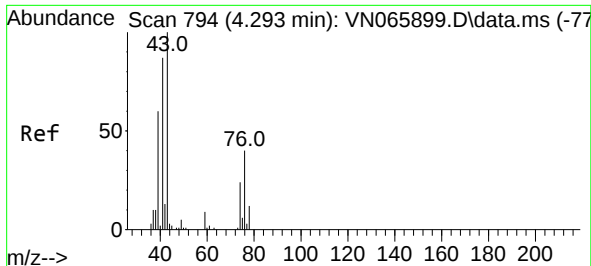
Tgt Ion: 56 Resp: 1795
Ion Ratio Lower Upper
56 100
55 42.5 56.0 84.0#



#16
Acetone
Concen: 2.72 ug/l
RT: 3.798 min Scan# 640
Delta R.T. 0.010 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

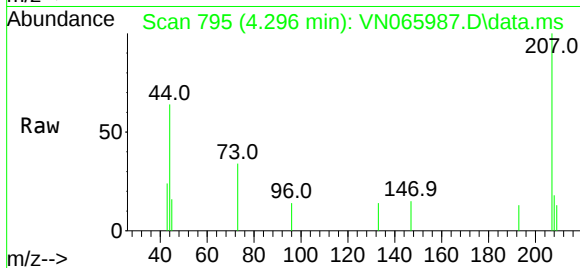
Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
58 30.6 27.0 40.6



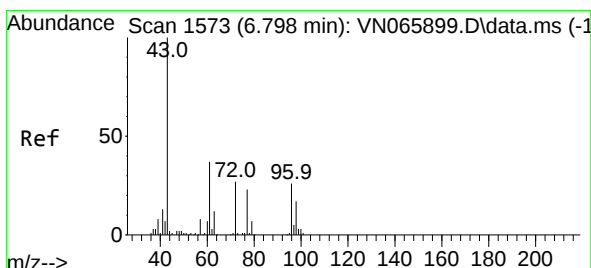
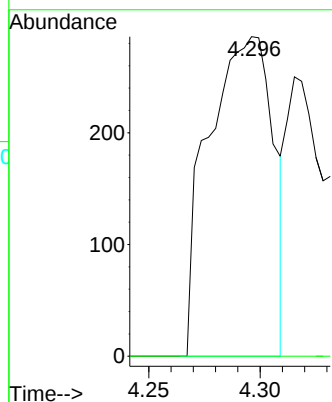
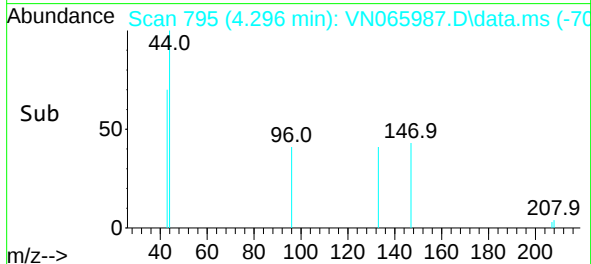


#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

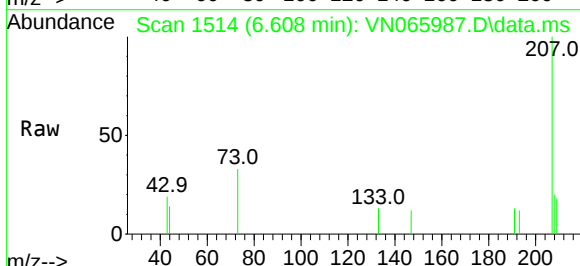
Instrument :
MSVOA_N
ClientSampled :



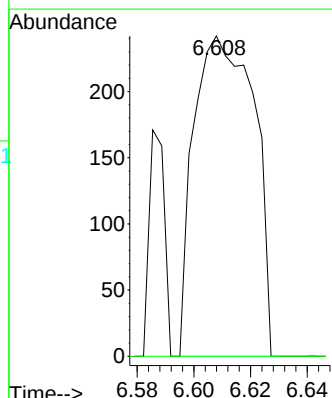
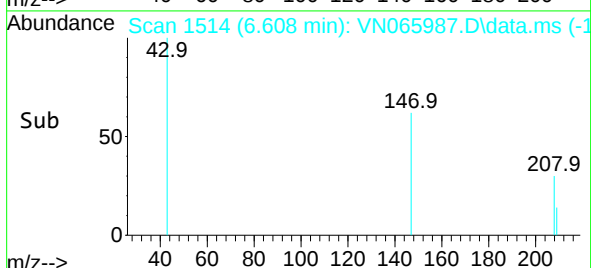
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#

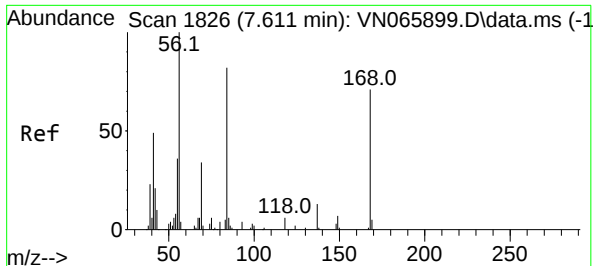


#25
2-Butanone
Concen: 0.37 ug/l
RT: 6.608 min Scan# 1514
Delta R.T. -0.190 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39



Tgt Ion: 43 Resp: 357
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#

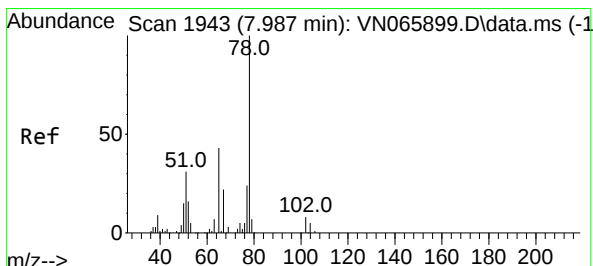
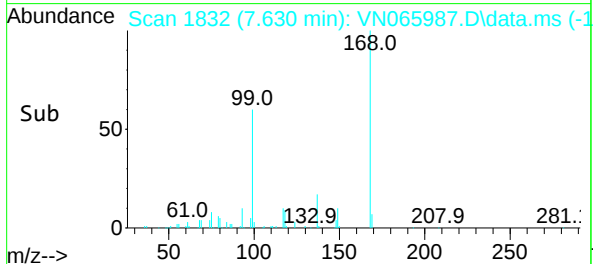
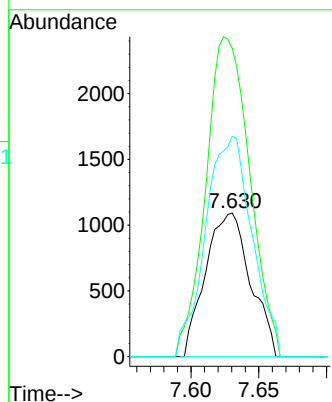
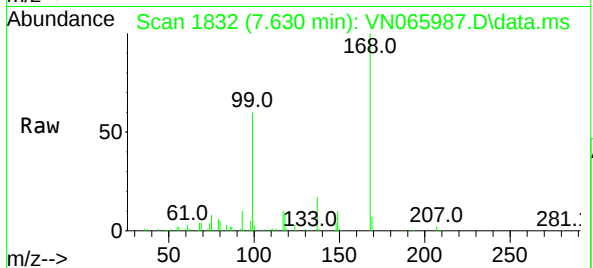




#31
Cyclohexane
Concen: 0.86 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

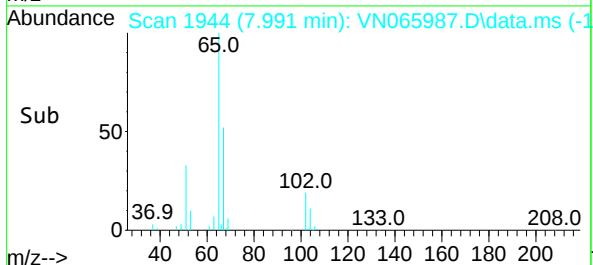
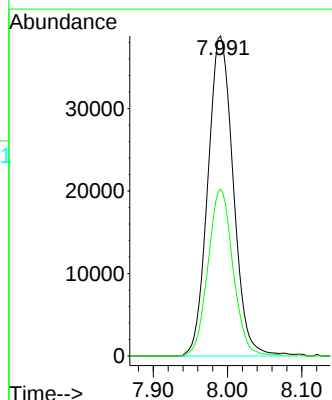
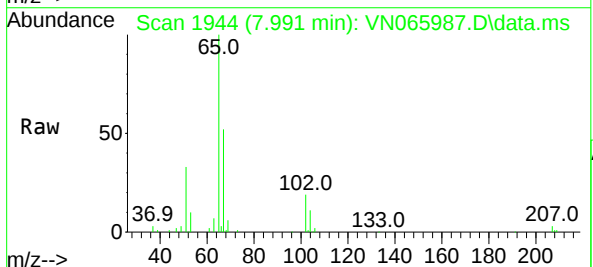
Instrument :
MSVOA_N
ClientSampled :

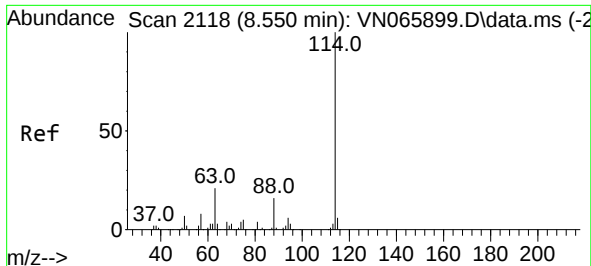
Tgt Ion: 56 Resp: 2523
Ion Ratio Lower Upper
56 100
69 214.7 26.6 39.8#
84 153.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 46.87 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 65 Resp: 92004
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2



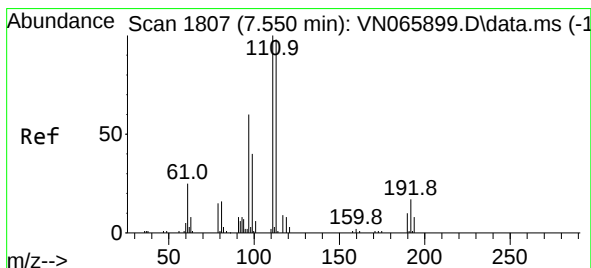
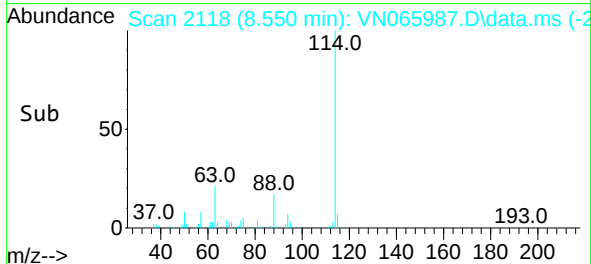
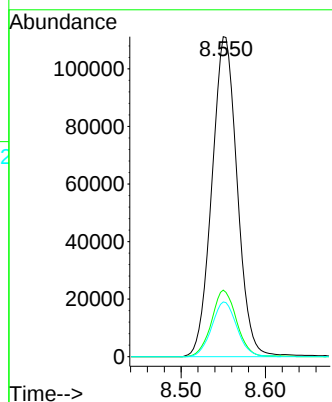
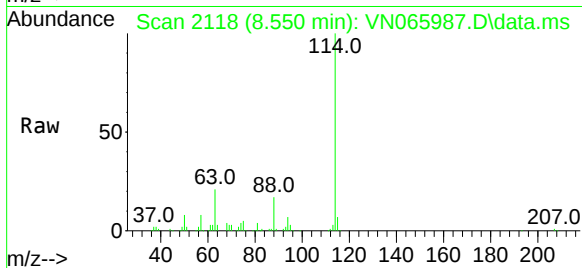


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Instrument :
MSVOA_N
ClientSampled :

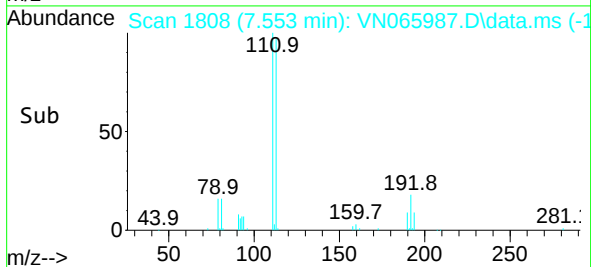
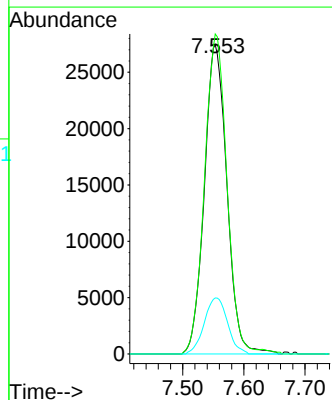
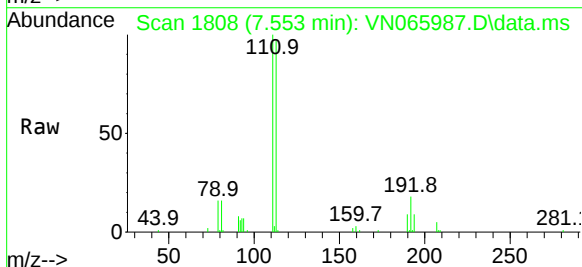
Tgt Ion:	114	Resp:	231100
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.6
88	17.1	0.0	30.6

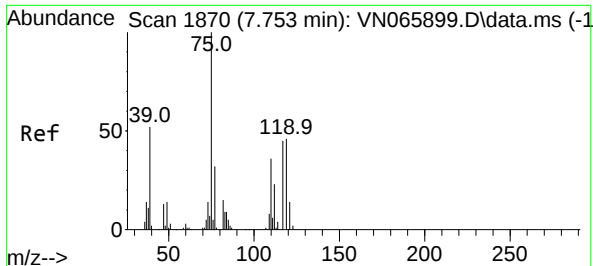


#35

Dibromofluoromethane
Concen: 49.21 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion:	113	Resp:	70382
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	18.7	15.4	23.0

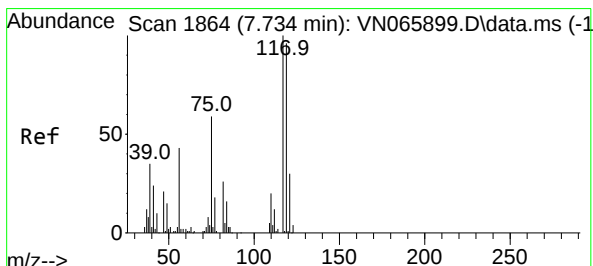
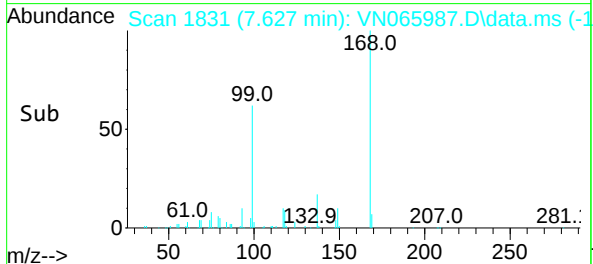
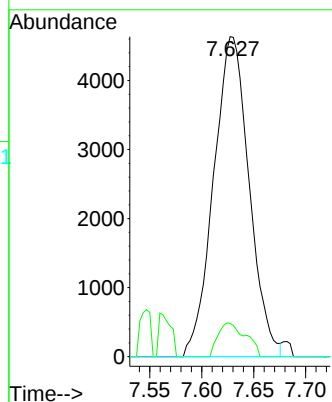
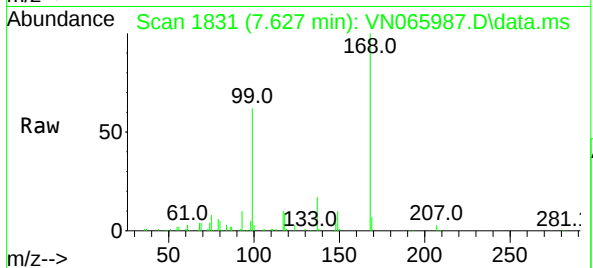




#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

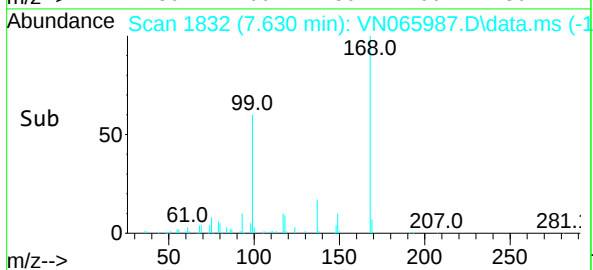
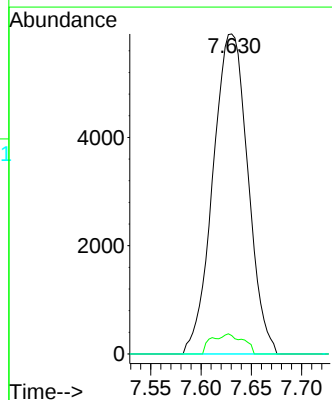
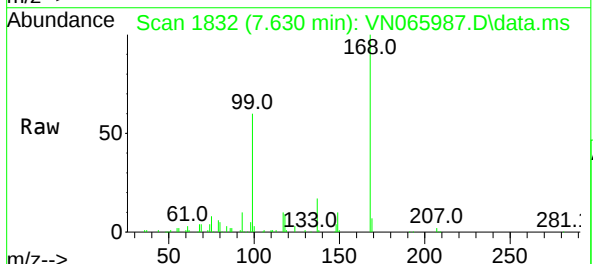
Instrument :
MSVOA_N
ClientSampled :

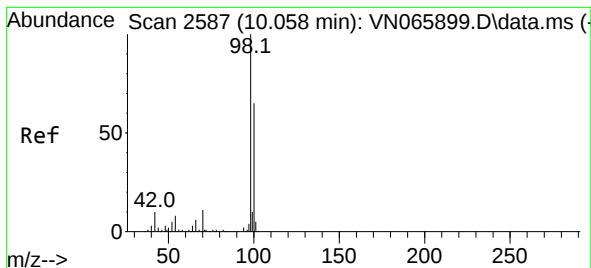
Tgt Ion: 75 Resp: 11034
Ion Ratio Lower Upper
75 100
110 8.2 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.76 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 117 Resp: 14309
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

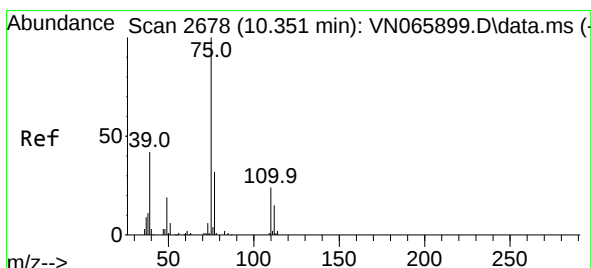
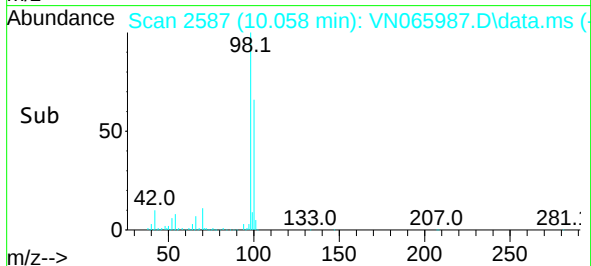
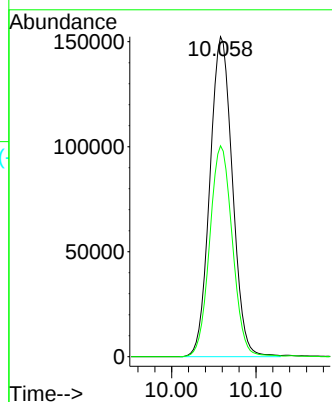
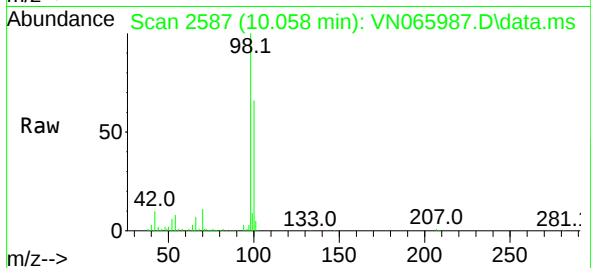




#50
Toluene-d8
Concen: 48.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

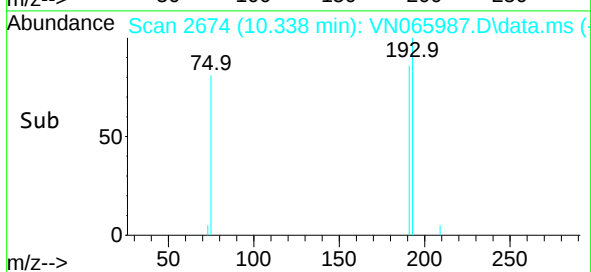
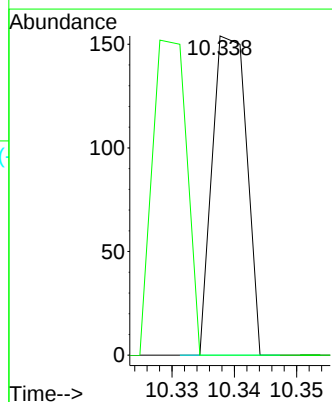
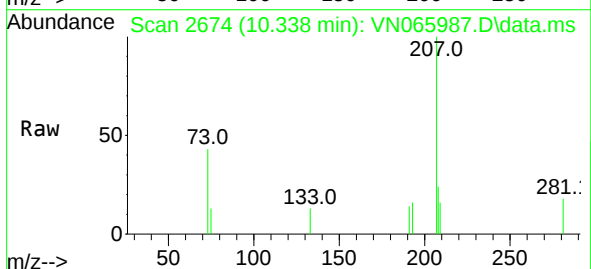
Instrument :
MSVOA_N
ClientSampled :

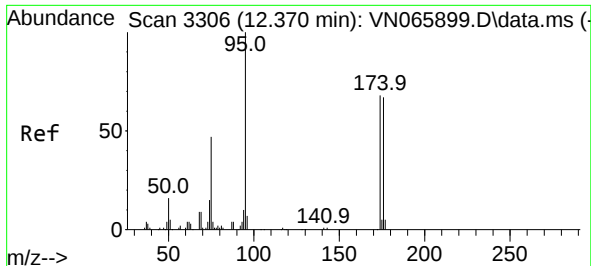
Tgt Ion: 98 Resp: 283936
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7



#53
t-1,3-Dichloropropene
Concen: 2.00 ug/l
RT: 10.338 min Scan# 2674
Delta R.T. -0.013 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.4#

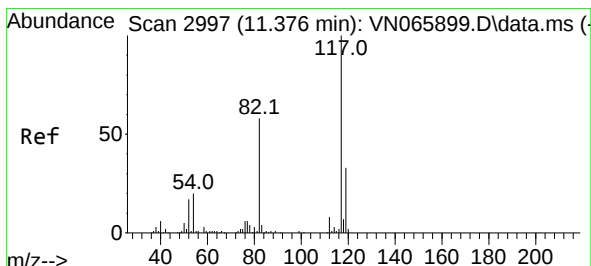
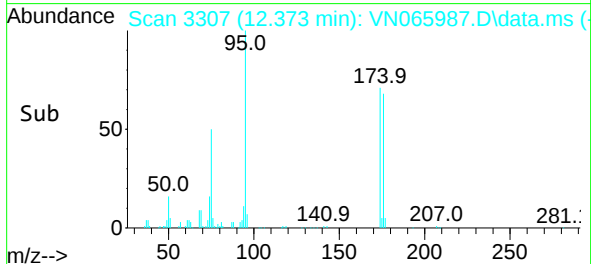
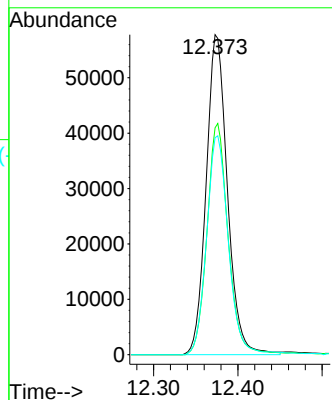
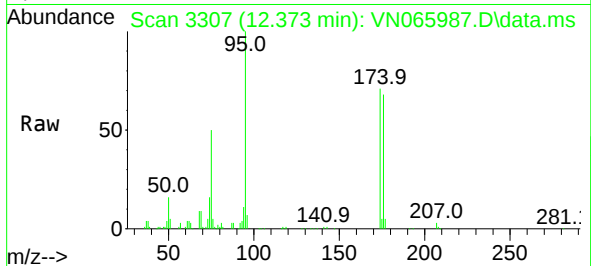




#62
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

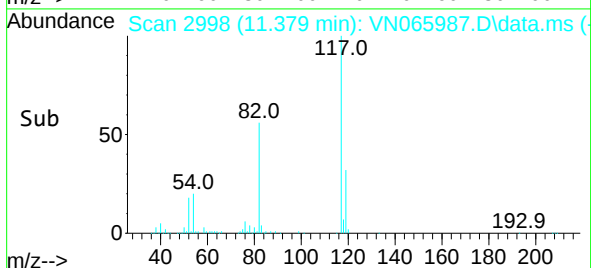
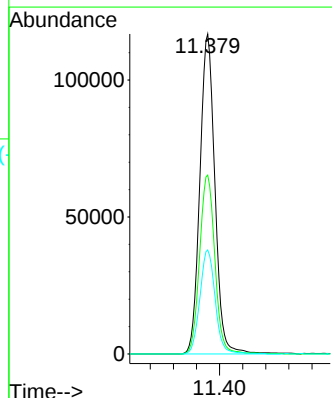
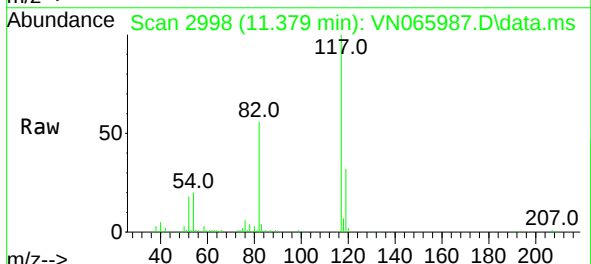
Instrument :
MSVOA_N
ClientSampleId :

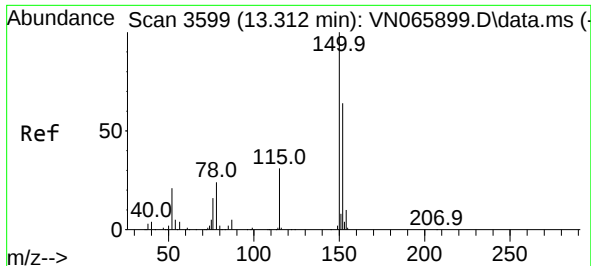
Tgt Ion: 95 Resp: 101457
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 70.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 117 Resp: 211191
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 32.5 26.1 39.1

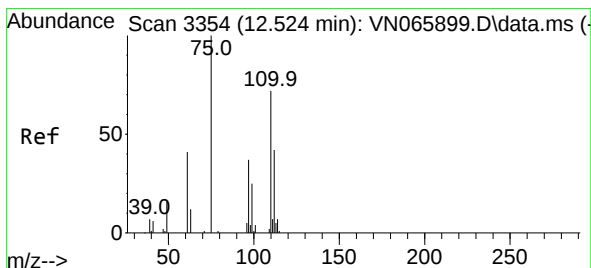
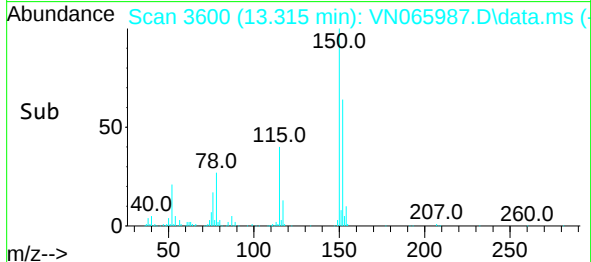
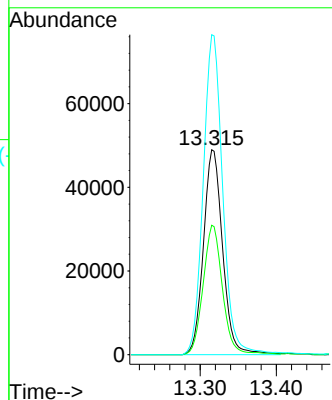
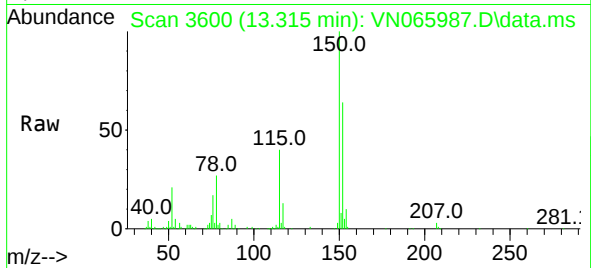




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065987.D
 Acq: 23 Feb 2021 15:39

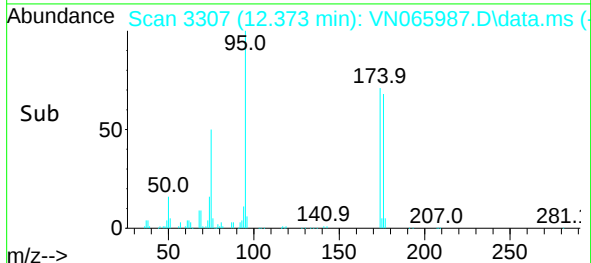
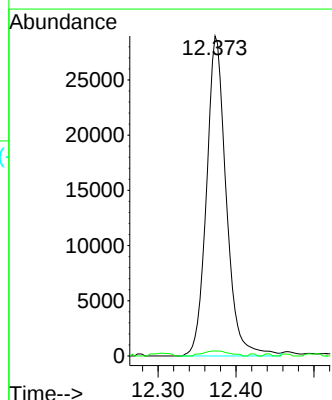
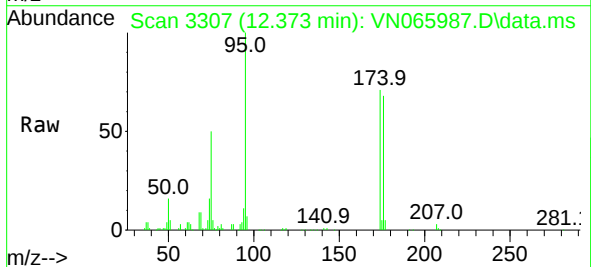
Instrument :
 MSVOA_N
 ClientSampled :

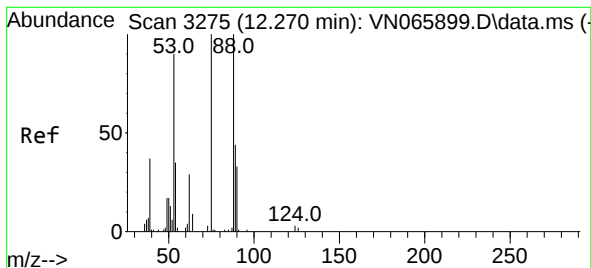
Tgt Ion:152 Resp: 86126
 Ion Ratio Lower Upper
 152 100
 115 63.6 28.5 85.6
 150 159.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.58 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065987.D
 Acq: 23 Feb 2021 15:39

Tgt Ion: 75 Resp: 50849
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

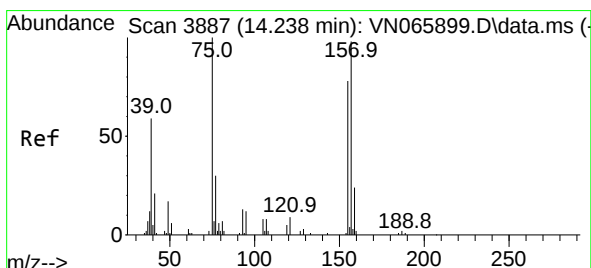
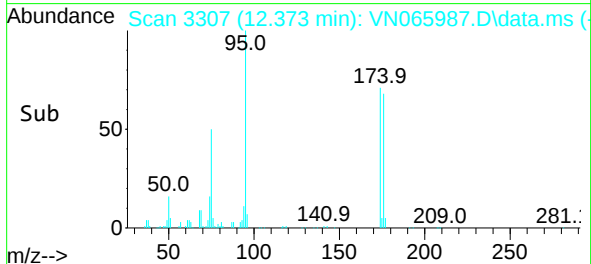
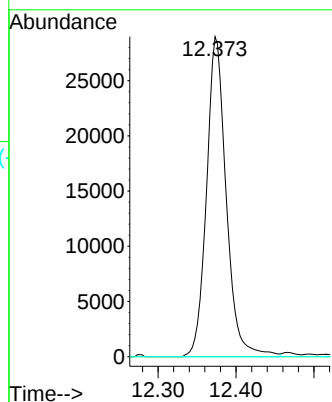
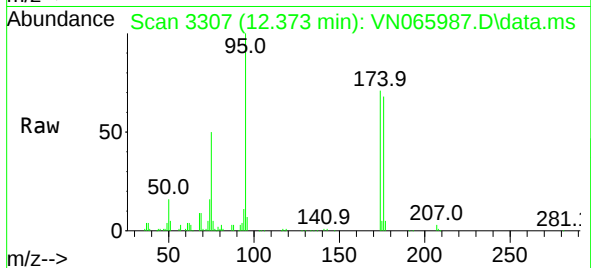




#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.32 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065987.D
 Acq: 23 Feb 2021 15:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 50849
 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: 0.95 ug/l
 RT: 14.241 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VN065987.D
 Acq: 23 Feb 2021 15:39

Tgt Ion: 75 Resp: 44
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#

