

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065984.D
 Acq On : 23 Feb 2021 14:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 24 00:34:57 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)

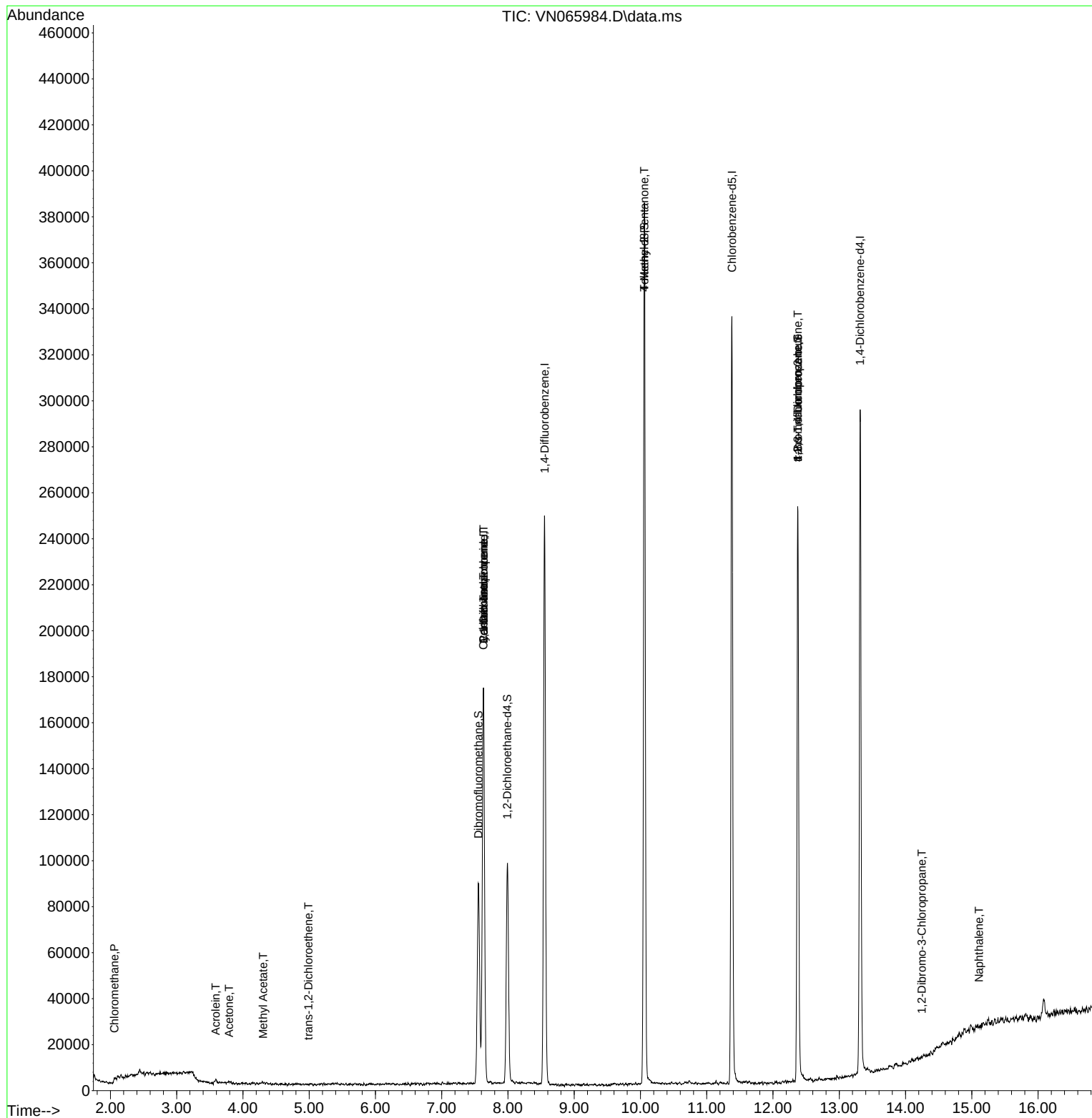
Internal Standards						
1) Pentafluorobenzene	7.630	168	139590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	229261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	209118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	84699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	89111	45.65	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.30%
35) Dibromofluoromethane	7.553	113	68263	48.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.22%
50) Toluene-d8	10.058	98	275814	47.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.72%
62) 4-Bromofluorobenzene	12.373	95	100223	45.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.68%
Target Compounds						
					Qvalue	
3) Chloromethane	2.058	50	1113	0.49	ug/l	95
13) Acrolein	3.589	56	1582	6.37	ug/l	87
16) Acetone	3.788	43	1441	0.75	ug/l	99
18) Methyl Acetate	4.306	43	1228	0.76	ug/l #	51
21) trans-1,2-Dichloroethene	4.987	96	425	0.26	ug/l #	1
31) Cyclohexane	7.627	56	2396	0.82	ug/l #	1
36) 1,1-Dichloropropene	7.630	75	10298	4.56	ug/l #	46
38) Carbon Tetrachloride	7.630	117	13648	6.50	ug/l #	16
51) 4-Methyl-2-Pentanone	10.058	43	1169	0.59	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	50157	24.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	50157	78.56	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.247	75	93	1.07	ug/l #	1
95) Naphthalene	15.109	128	395	3.13	ug/l #	69

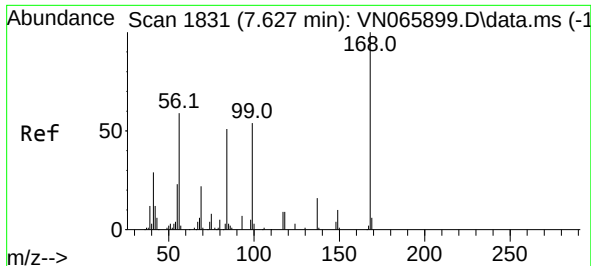
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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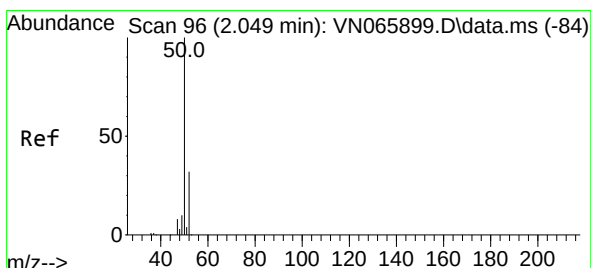
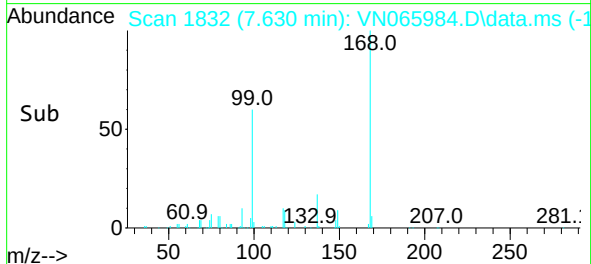
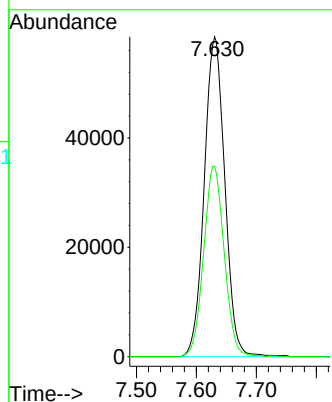
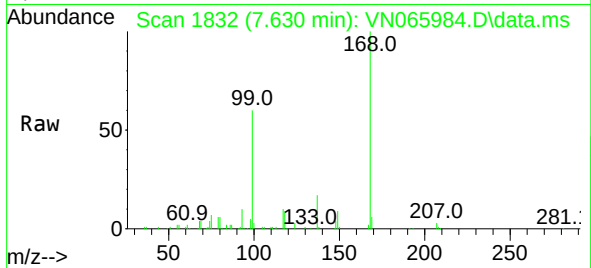




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

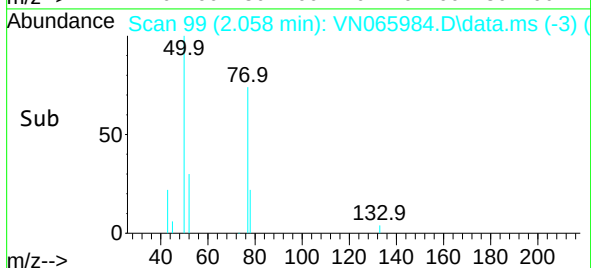
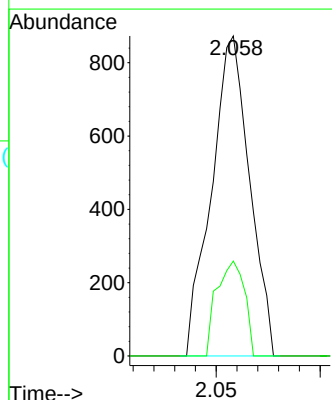
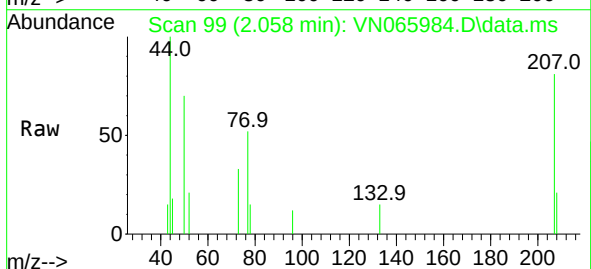
Instrument :
MSVOA_N
ClientSampled :

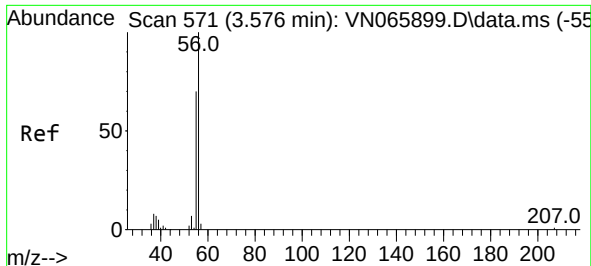
Tgt Ion:168 Resp: 139590
Ion Ratio Lower Upper
168 100
99 59.5 42.6 63.8



#3
Chloromethane
Concen: 0.49 ug/l
RT: 2.058 min Scan# 99
Delta R.T. 0.009 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 50 Resp: 1113
Ion Ratio Lower Upper
50 100
52 29.7 25.8 38.8

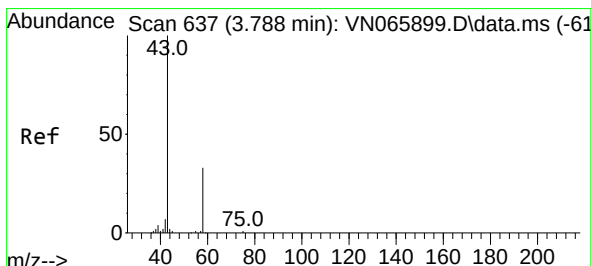
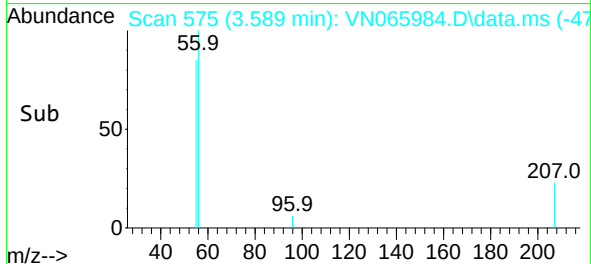
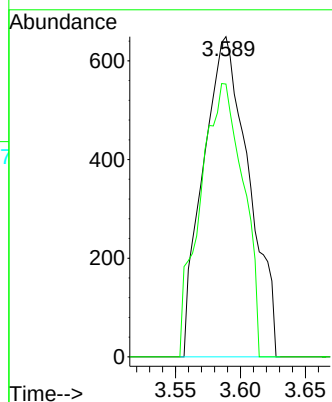
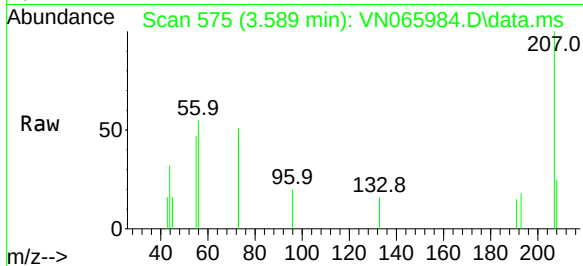




#13
Acrolein
Concen: 6.37 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

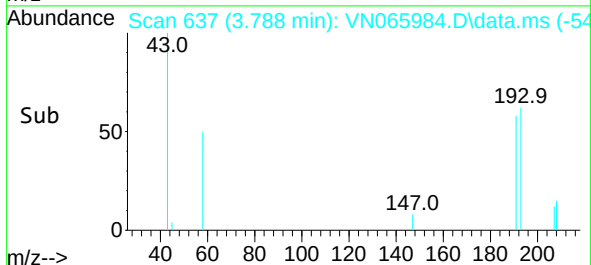
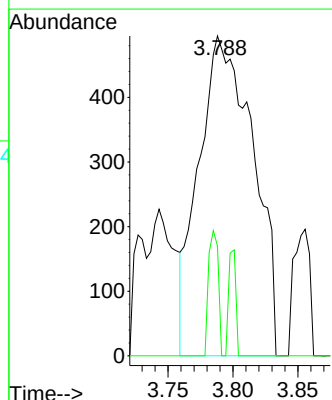
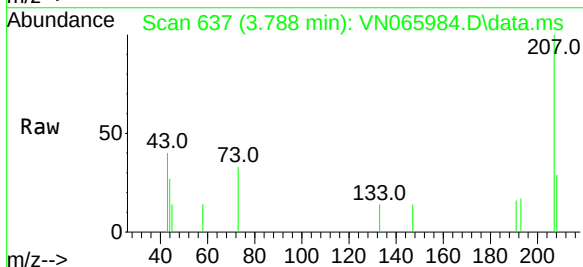
Instrument :
MSVOA_N
ClientSampleId :

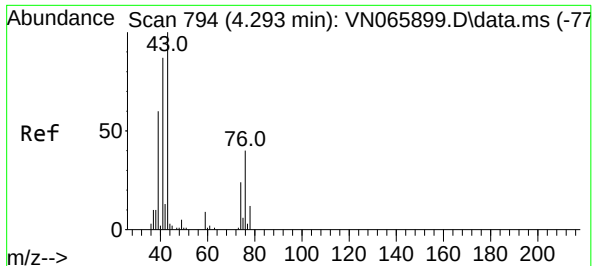
Tgt Ion: 56 Resp: 1582
Ion Ratio Lower Upper
56 100
55 80.7 56.0 84.0



#16
Acetone
Concen: 0.75 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

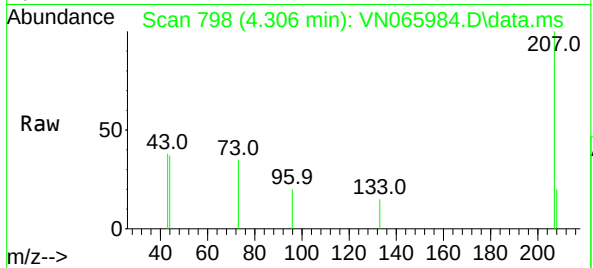
Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 34.3 27.0 40.6



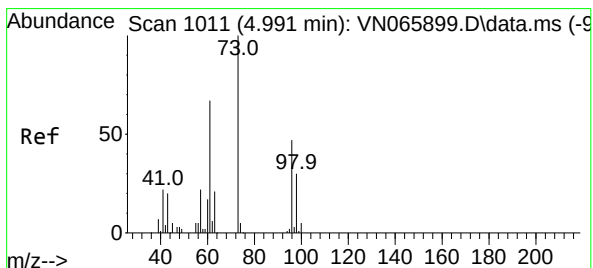
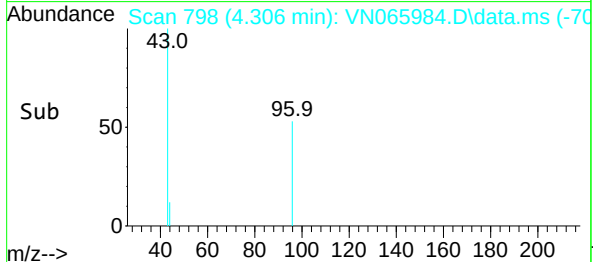
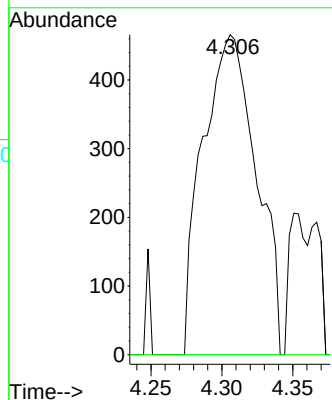


#18
Methyl Acetate
Concen: 0.76 ug/l
RT: 4.306 min Scan# 798
Delta R.T. 0.013 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Instrument :
MSVOA_N
ClientSampled :

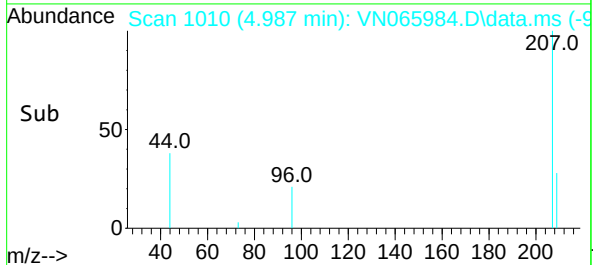
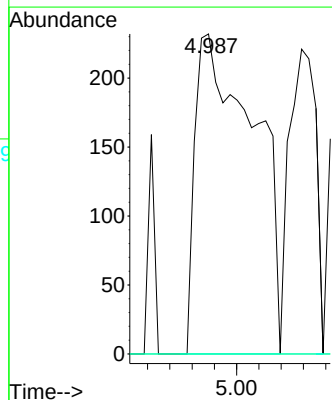
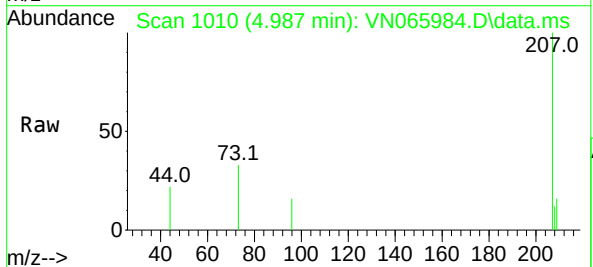


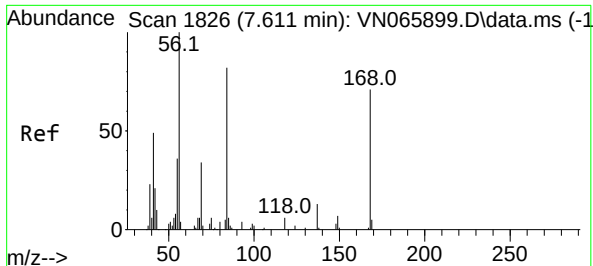
Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#21
trans-1,2-Dichloroethene
Concen: 0.26 ug/l
RT: 4.987 min Scan# 1010
Delta R.T. -0.004 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 96 Resp: 425
Ion Ratio Lower Upper
96 100
61 0.0 104.9 157.3#
98 0.0 51.8 77.8#

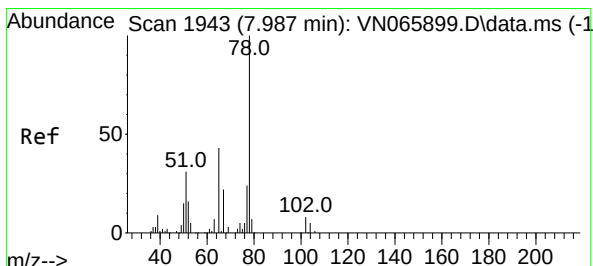
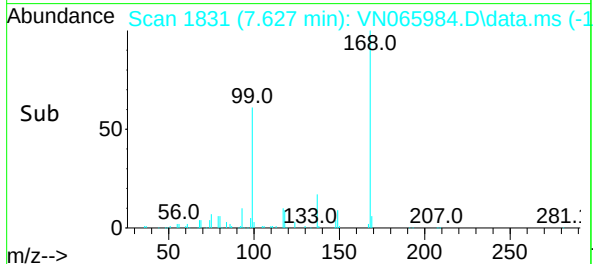
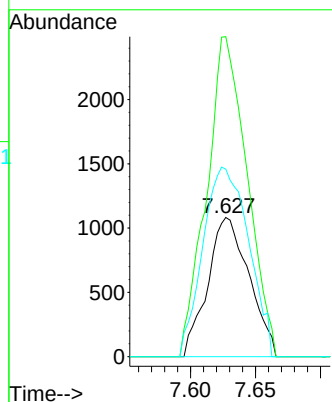
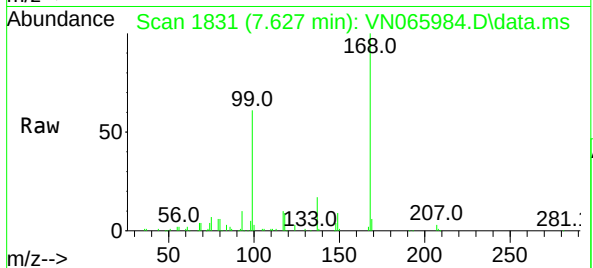




#31
Cyclohexane
Concen: 0.82 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

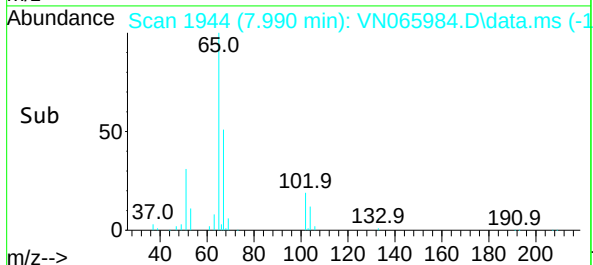
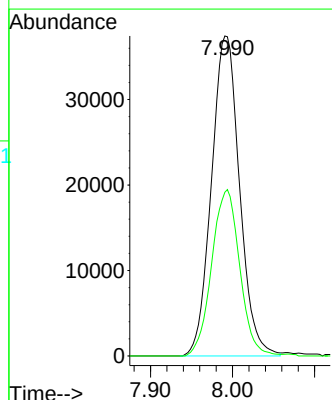
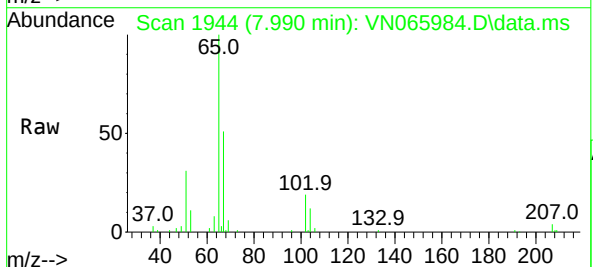
Instrument :
MSVOA_N
ClientSampleId :

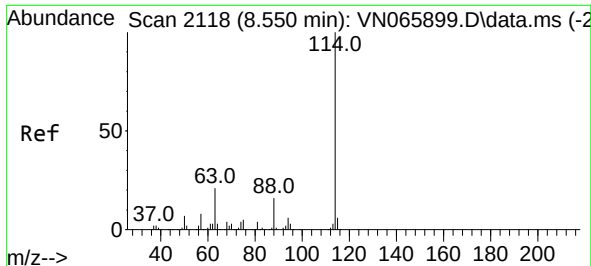
Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
69 230.0 26.6 39.8#
84 134.8 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.65 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 65 Resp: 89111
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.2

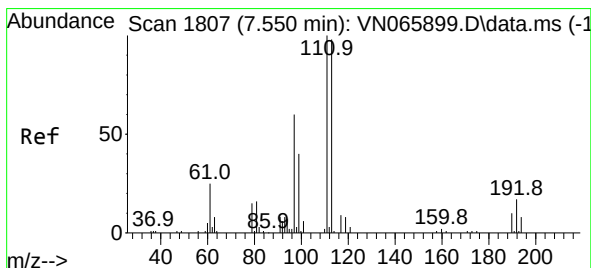
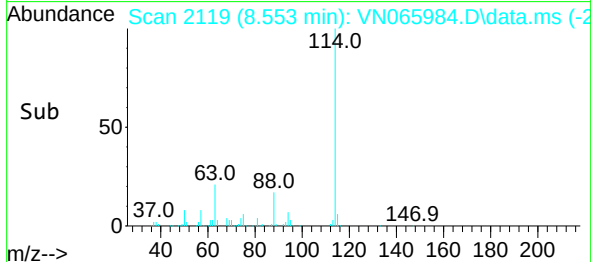
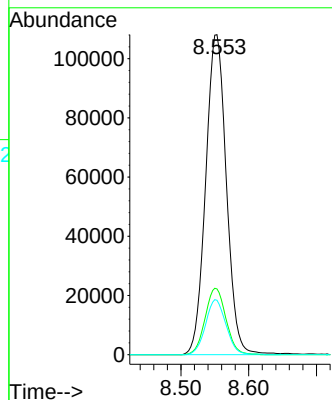
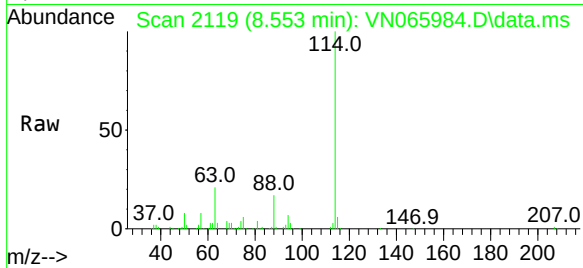




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

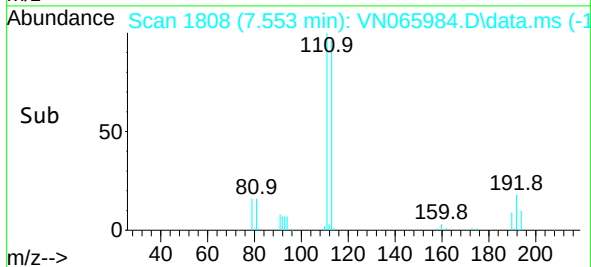
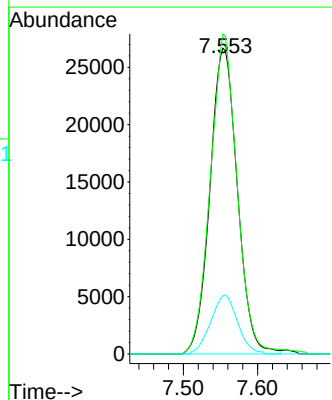
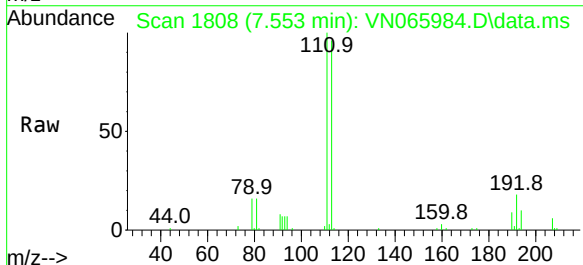
Instrument :
MSVOA_N
ClientSampled :

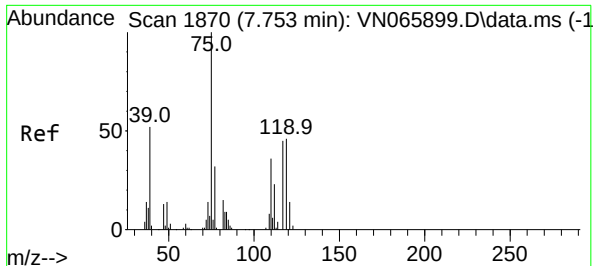
Tgt Ion:114 Resp: 229261
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 17.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.11 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion:113 Resp: 68263
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.9 15.4 23.0

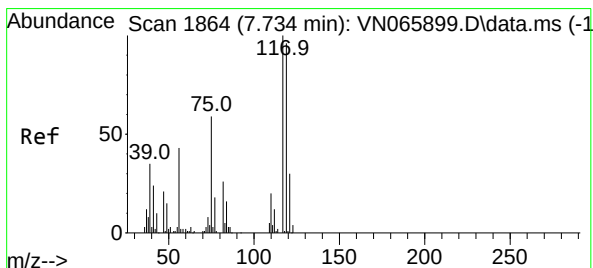
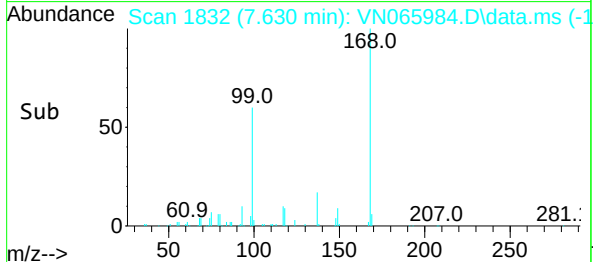
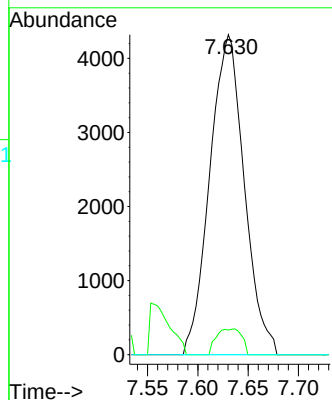
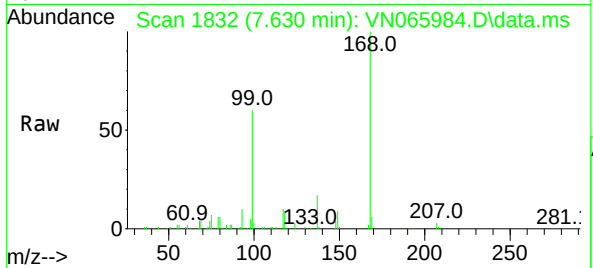




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.123 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

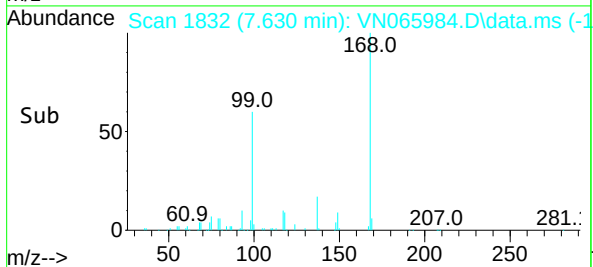
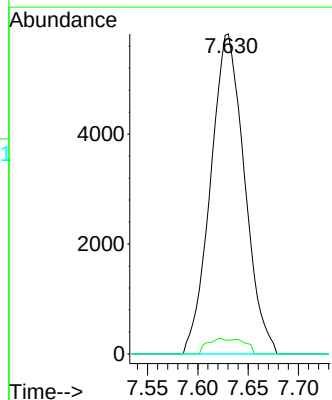
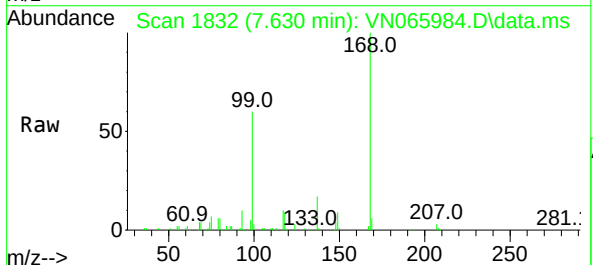
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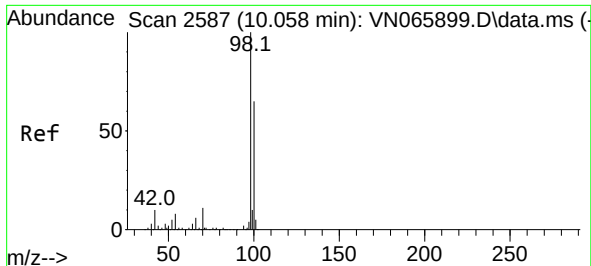
Tgt Ion: 75 Resp: 10298
Ion Ratio Lower Upper
75 100
110 5.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.104 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 117 Resp: 13648
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#

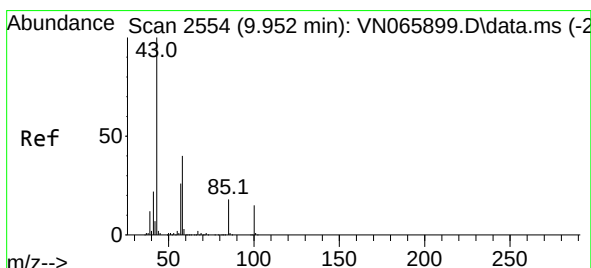
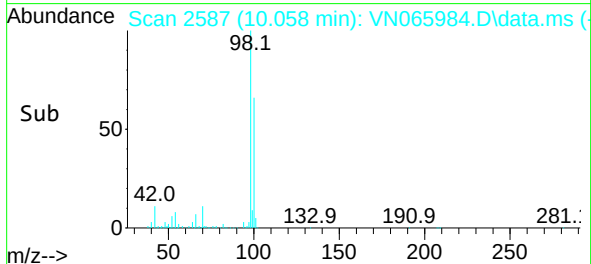
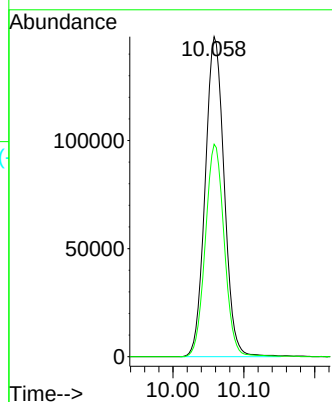
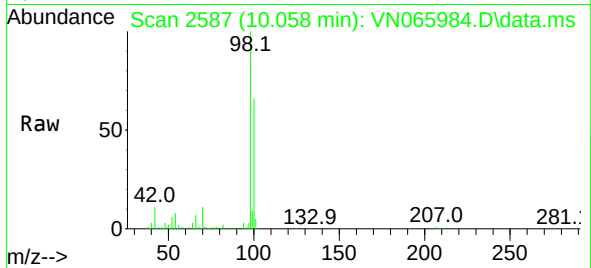




#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

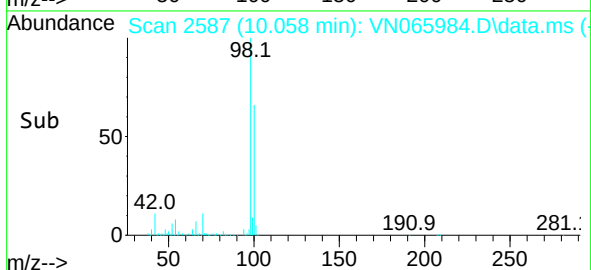
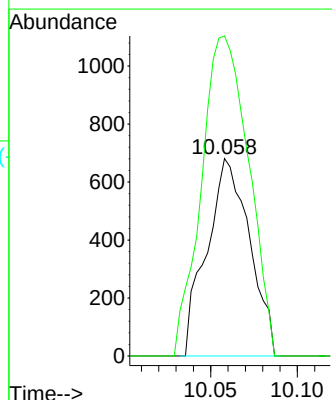
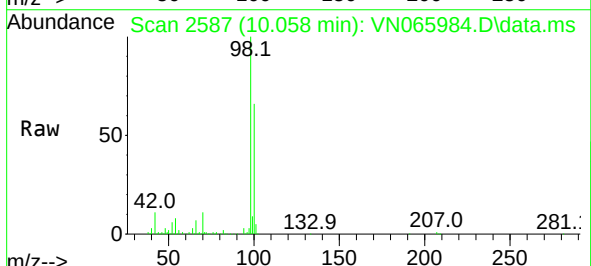
Instrument :
MSVOA_N
ClientSampleId :

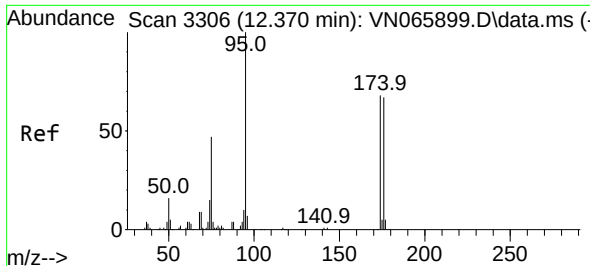
Tgt Ion: 98 Resp: 275814
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.106 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 179.0 32.5 48.7#

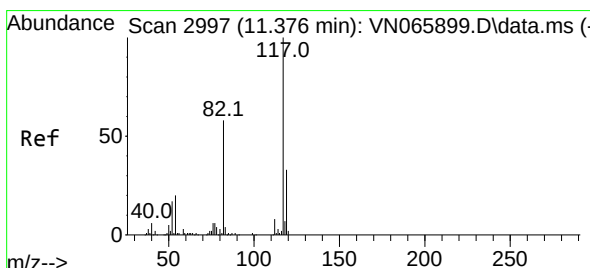
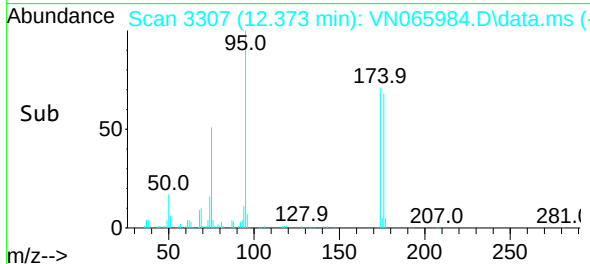
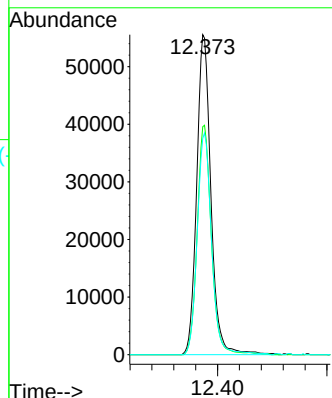
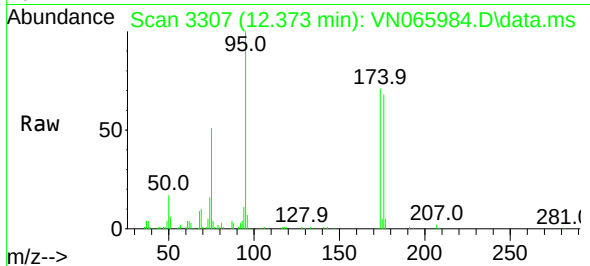




#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

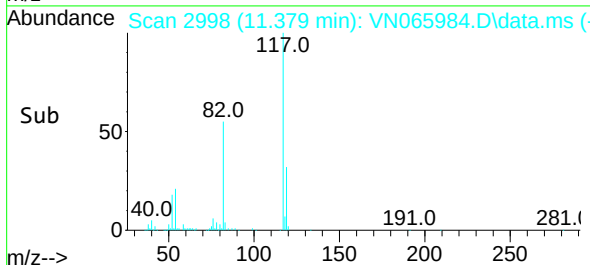
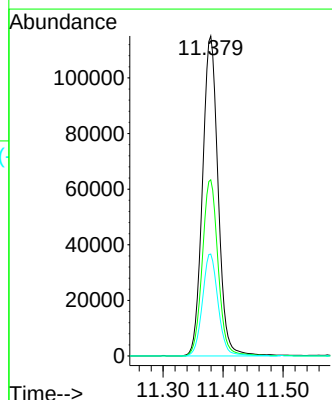
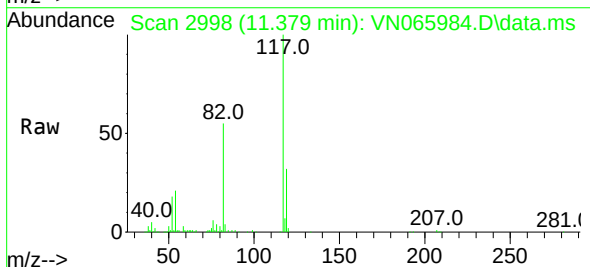
Instrument :
MSVOA_N
ClientSampleId :

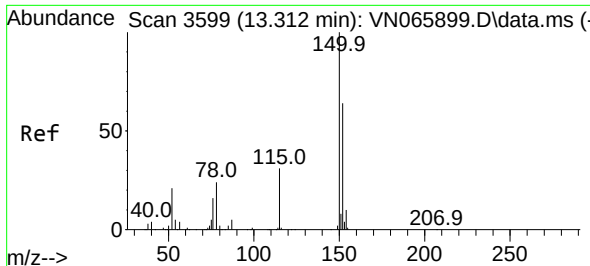
Tgt Ion: 95 Resp: 100223
Ion Ratio Lower Upper
95 100
174 70.8 0.0 169.0
176 70.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 117 Resp: 209118
Ion Ratio Lower Upper
117 100
82 55.1 43.7 65.5
119 31.8 26.1 39.1

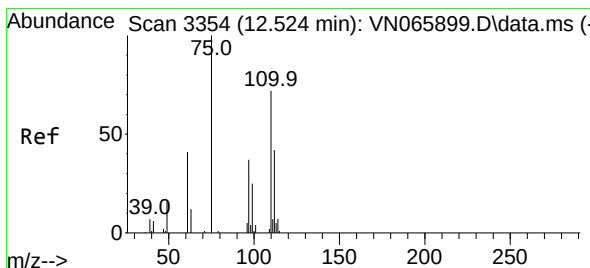
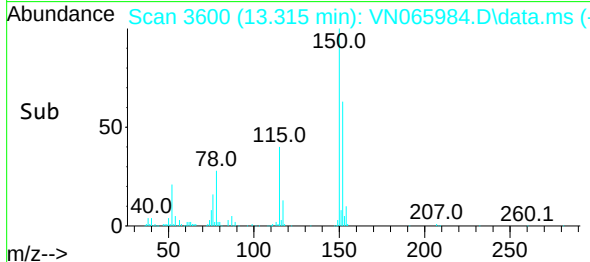
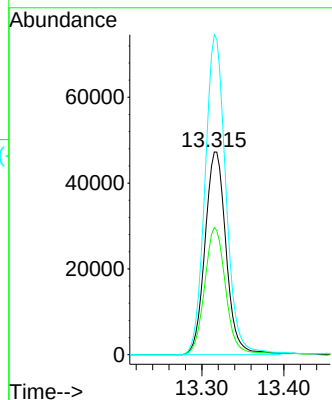
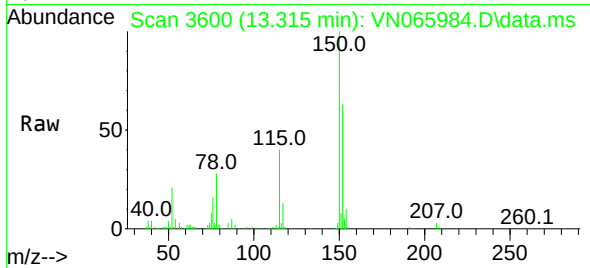




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065984.D
 Acq: 23 Feb 2021 14:27

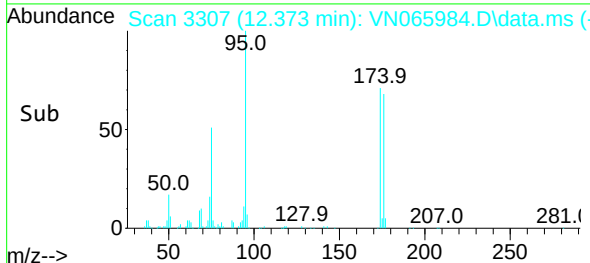
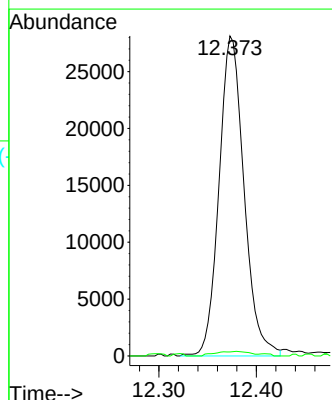
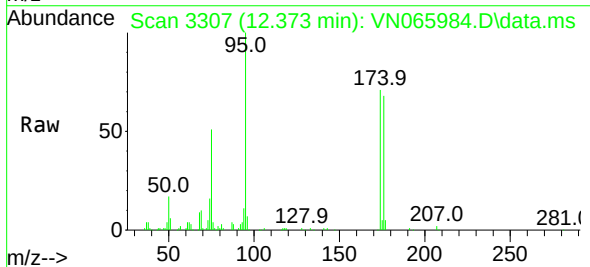
Instrument :
 MSVOA_N
 ClientSampled :

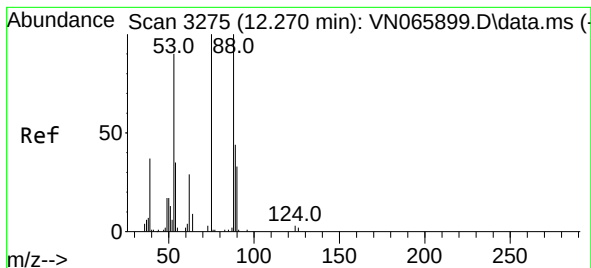
Tgt Ion:152 Resp: 84699
 Ion Ratio Lower Upper
 152 100
 115 62.7 28.5 85.6
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 24.65 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065984.D
 Acq: 23 Feb 2021 14:27

Tgt Ion: 75 Resp: 50157
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#

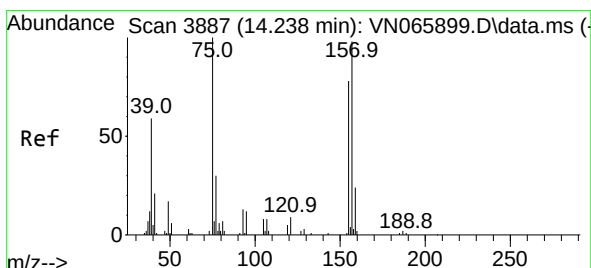
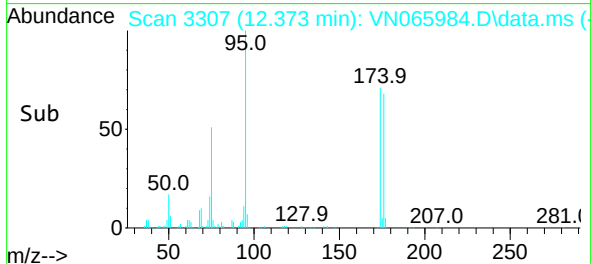
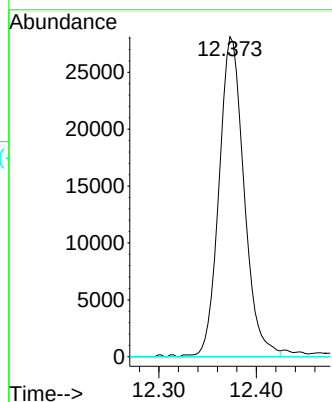
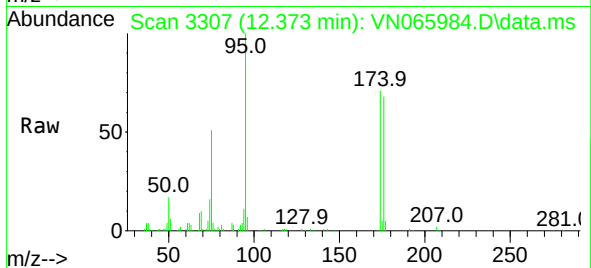




#81
trans-1,4-Dichloro-2-butene
Concen: 78.56 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

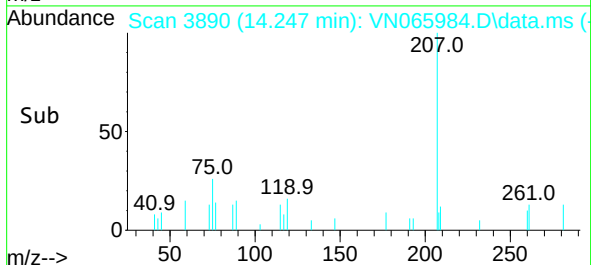
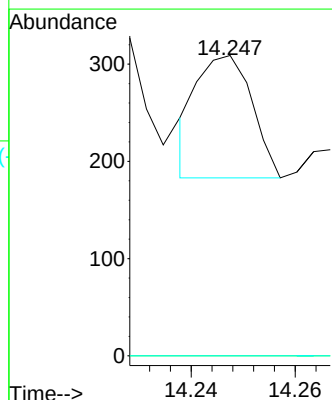
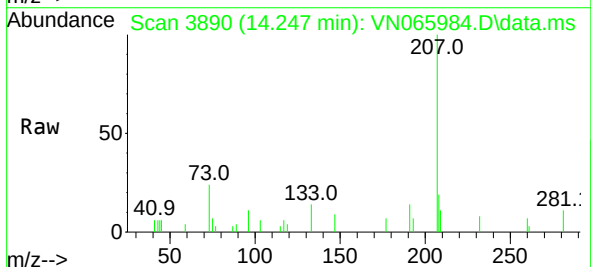
Instrument :
MSVOA_N
ClientSampleId :

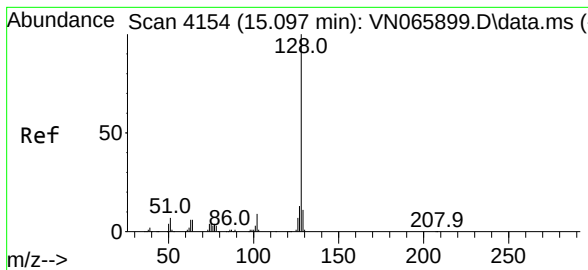
Tgt Ion: 75 Resp: 50157
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.07 ug/l
RT: 14.247 min Scan# 3890
Delta R.T. 0.009 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Tgt Ion: 75 Resp: 93
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#





#95
Naphthalene
Concen: 3.13 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.012 min
Lab File: VN065984.D
Acq: 23 Feb 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 395
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

