

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066019.D
 Acq On : 25 Feb 2021 11:11
 Operator : JC/MD
 Sample : VN0225WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 26 01:16:42 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)

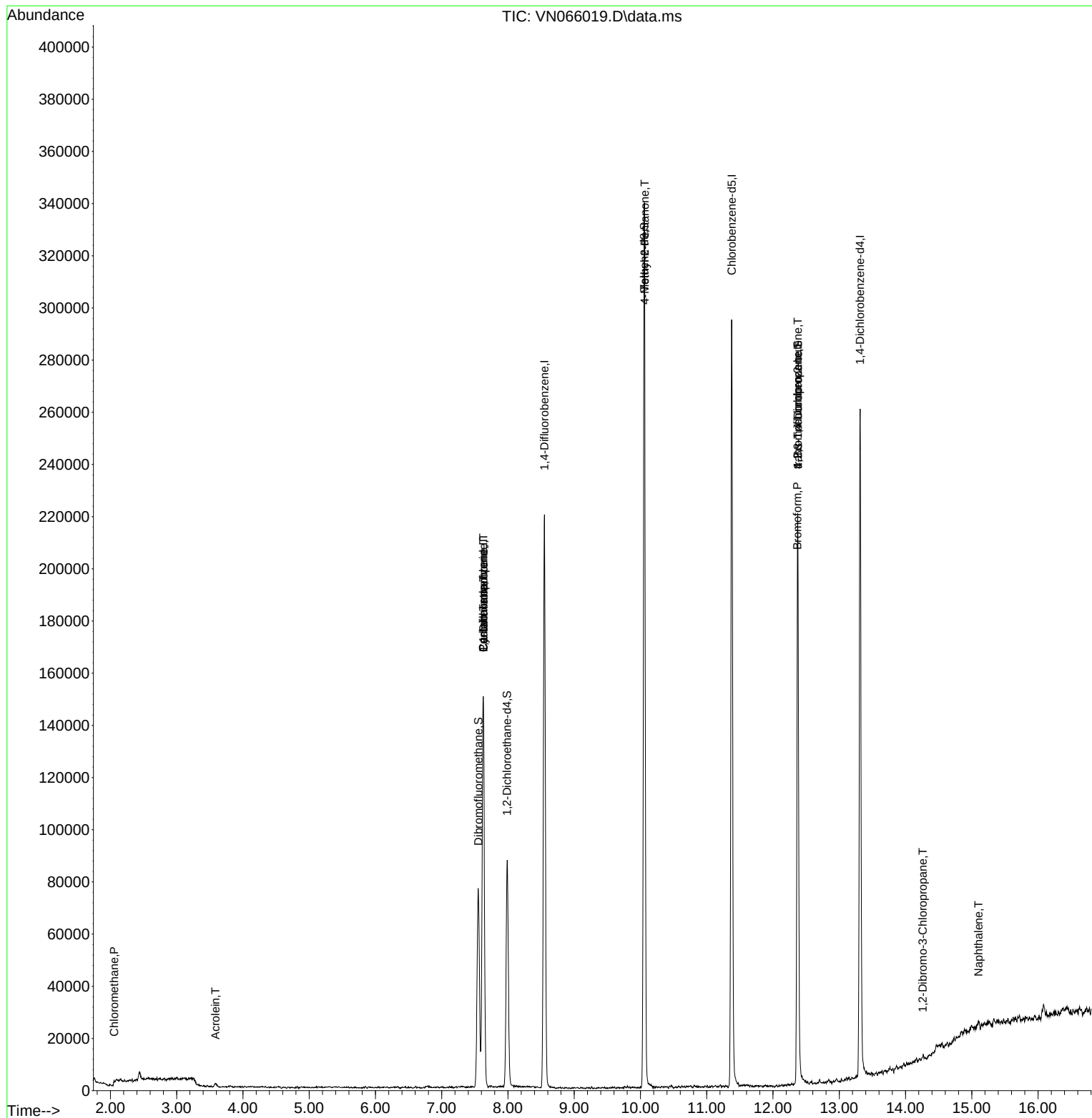
Internal Standards						
1) Pentafluorobenzene	7.627	168	121090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	199306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	181198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	74944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	80798	47.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.44%		
35) Dibromofluoromethane	7.553	113	59704	48.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.80%		
50) Toluene-d8	10.058	98	241036	47.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.20%		
62) 4-Bromofluorobenzene	12.373	95	87386	45.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.94%		
Target Compounds						Qvalue
3) Chloromethane	2.055	50	852	0.43	ug/l #	88
13) Acrolein	3.586	56	1346	6.25	ug/l	94
16) Acetone	3.788	43	378	Below Cal	#	41
31) Cyclohexane	7.627	56	2314	0.92	ug/l #	26
36) 1,1-Dichloropropene	7.627	75	9154	4.66	ug/l #	48
38) Carbon Tetrachloride	7.627	117	12153	6.65	ug/l #	17
51) 4-Methyl-2-Pentanone	10.064	43	1030	0.60	ug/l #	1
71) Bromoform	12.367	173	98	2.59	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	43722	24.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	43722	77.39	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.260	75	65	1.03	ug/l #	1
95) Naphthalene	15.103	128	670	3.20	ug/l #	69

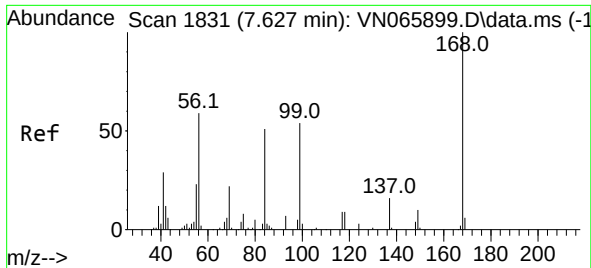
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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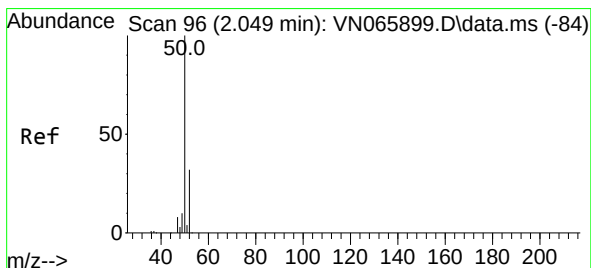
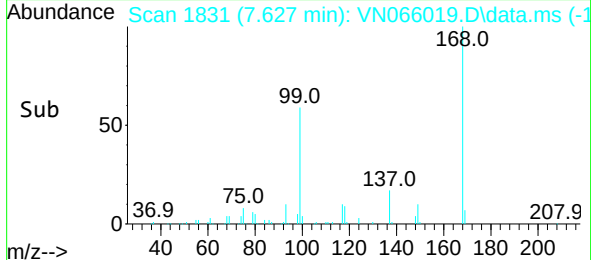
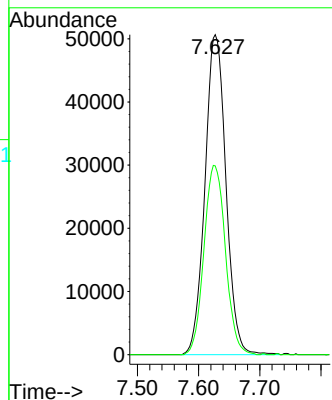
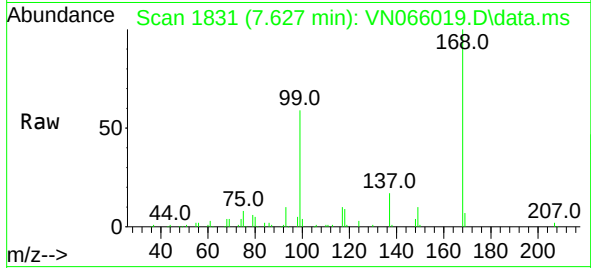




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

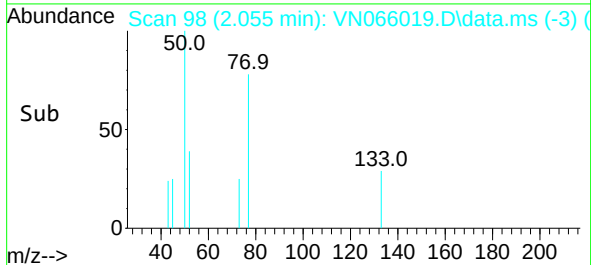
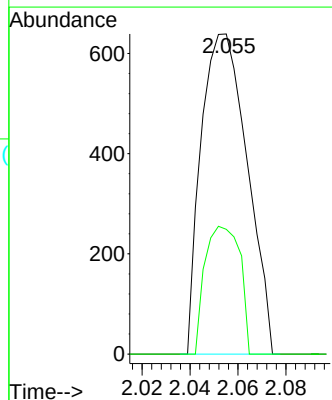
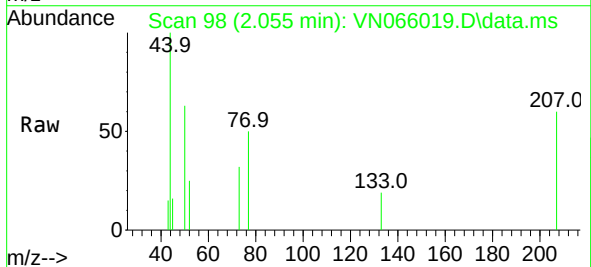
Instrument :
MSVOA_N
ClientSampled :

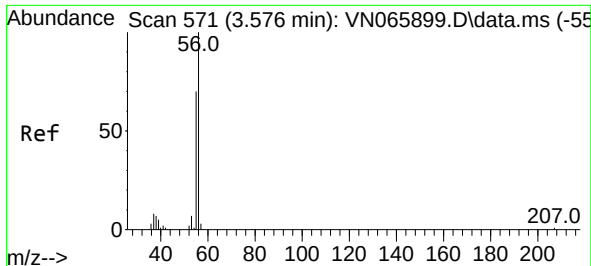
Tgt Ion:168 Resp: 121090
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8



#3
Chloromethane
Concen: 0.43 ug/l
RT: 2.055 min Scan# 98
Delta R.T. 0.006 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

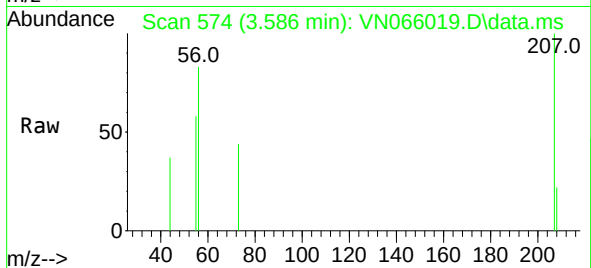
Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 39.0 25.8 38.8#



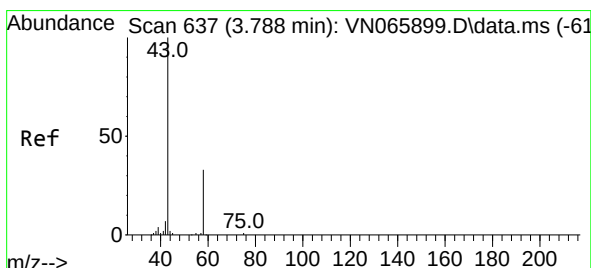
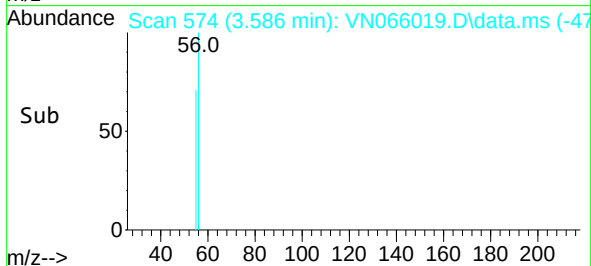
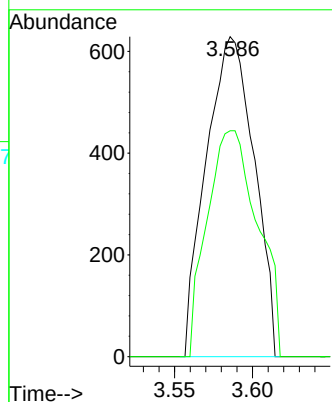


#13
Acrolein
Concen: 6.25 ug/l
RT: 3.586 min Scan# 574
Delta R.T. 0.010 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Instrument :
MSVOA_N
ClientSampled :

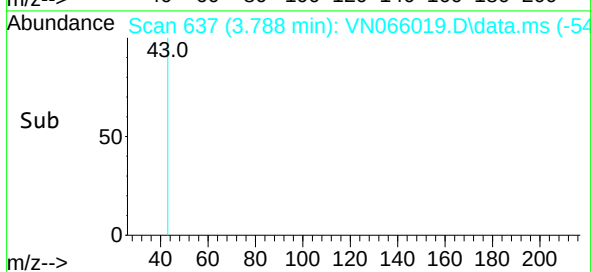
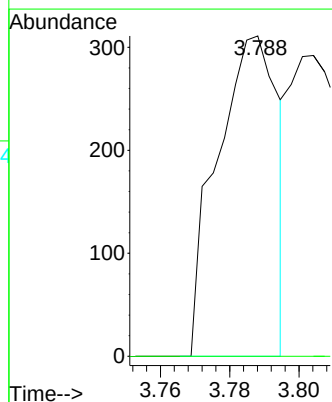
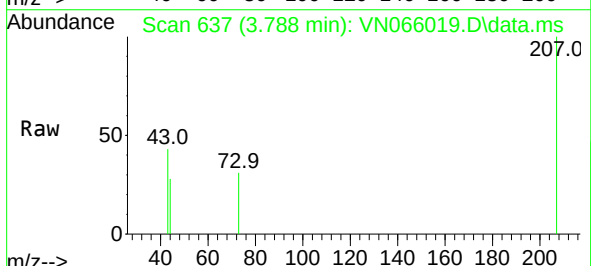


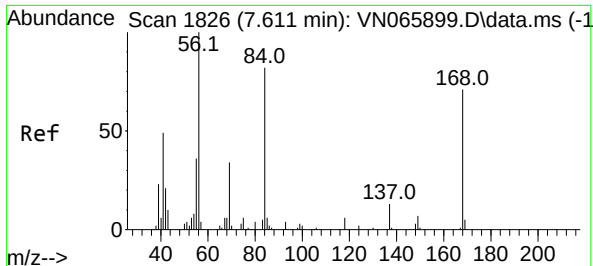
Tgt Ion: 56 Resp: 1346
Ion Ratio Lower Upper
56 100
55 74.6 56.0 84.0



#16
Acetone
Concen: Below Cal
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

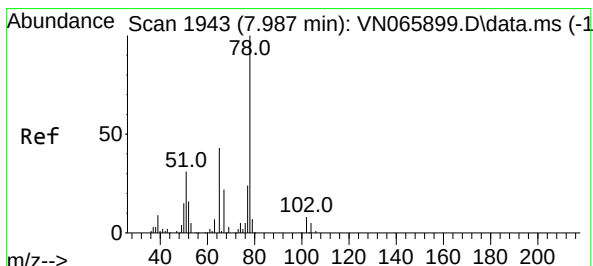
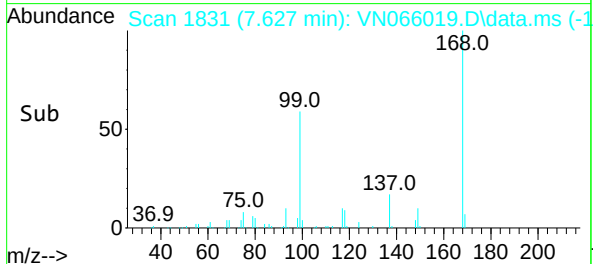
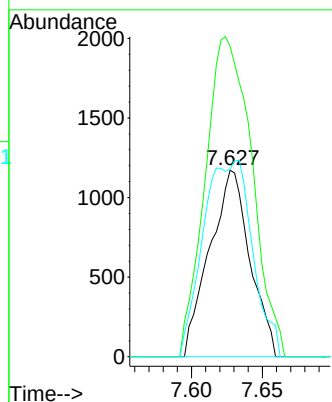
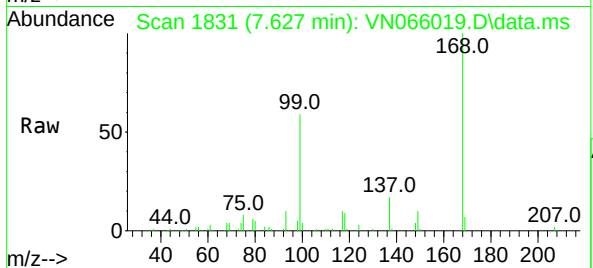




#31
Cyclohexane
Concen: 0.92 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

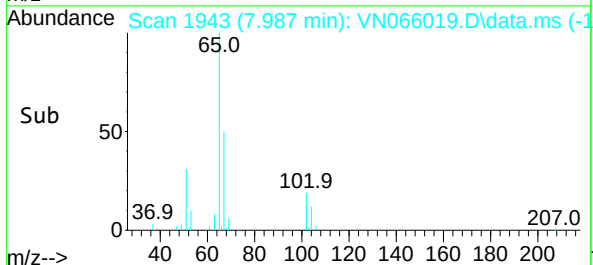
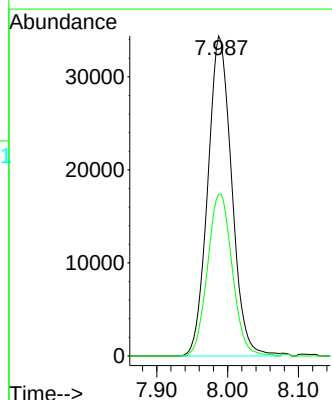
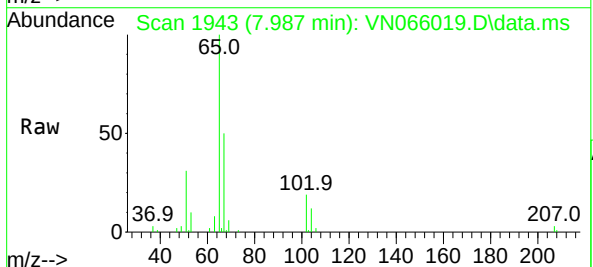
Instrument :
MSVOA_N
ClientSampled :

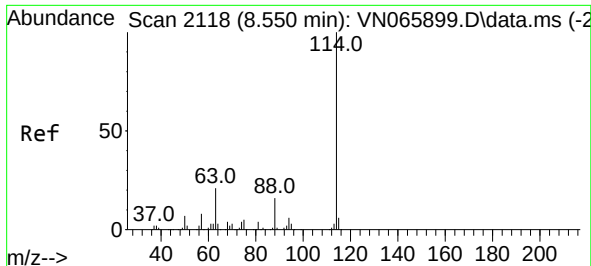
Tgt Ion: 56 Resp: 2314
Ion Ratio Lower Upper
56 100
69 166.3 26.6 39.8#
84 100.7 70.4 105.6



#33
1,2-Dichloroethane-d4
Concen: 47.72 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 65 Resp: 80798
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2

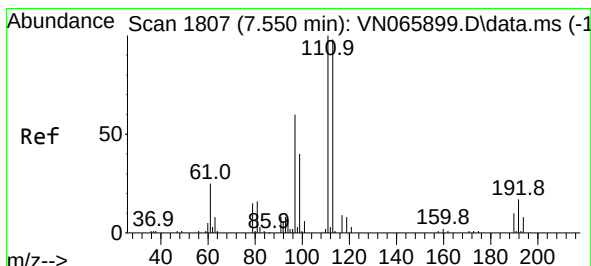
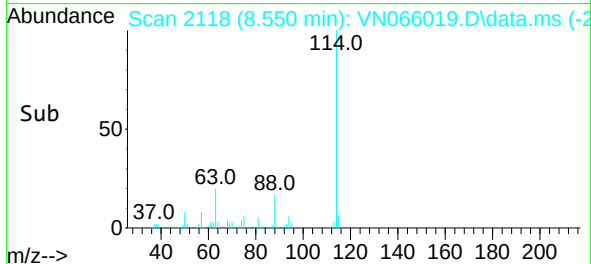
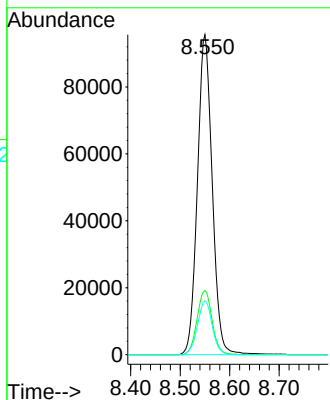
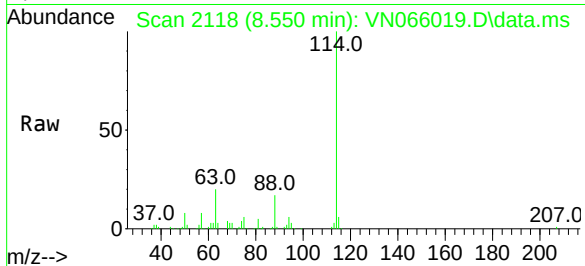




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

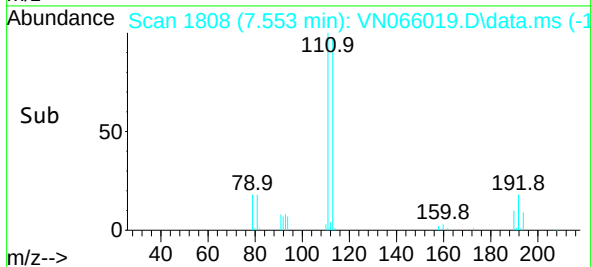
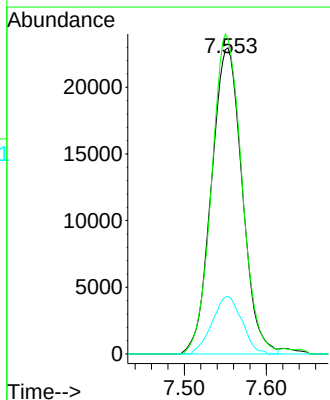
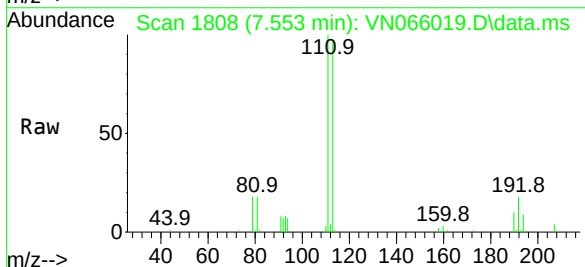
Instrument :
MSVOA_N
ClientSampled :

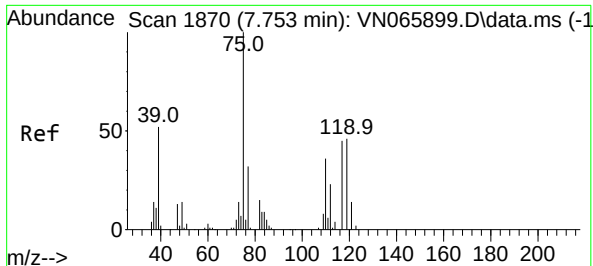
Tgt Ion:114 Resp: 199306
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.40 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion:113 Resp: 59704
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.2 15.4 23.0



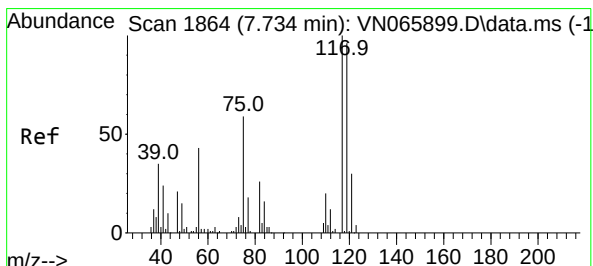
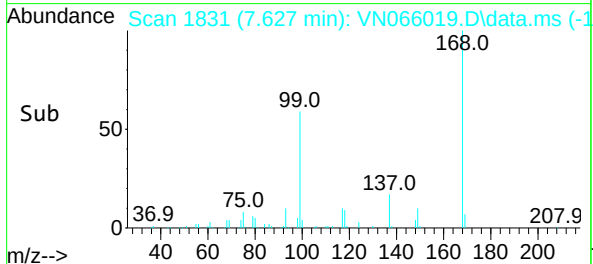
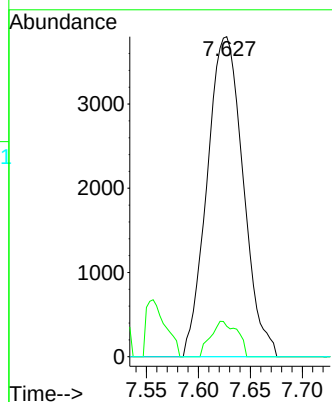
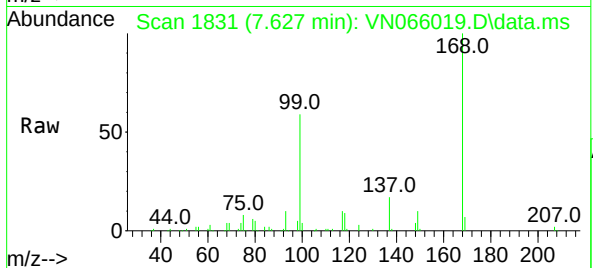


#36

1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :

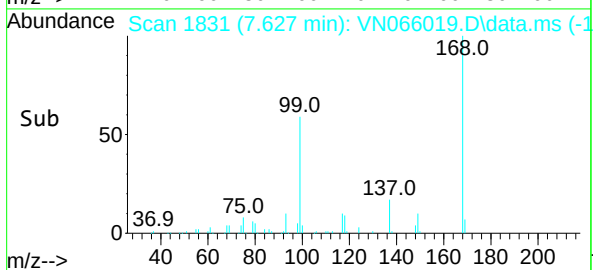
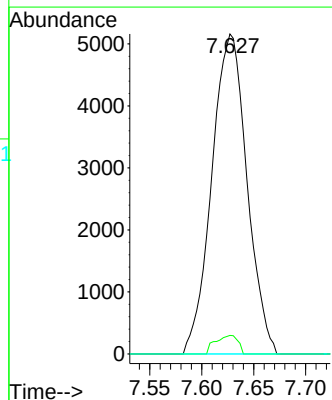
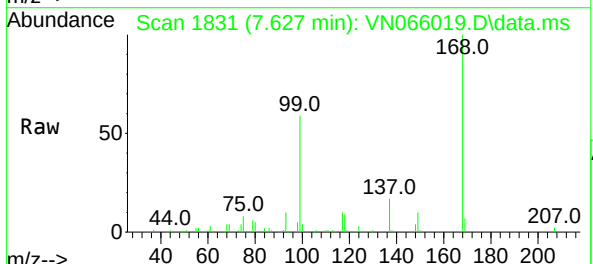
Tgt Ion: 75 Resp: 9154
Ion Ratio Lower Upper
75 100
110 8.1 18.2 54.6#
77 0.0 24.9 37.3#

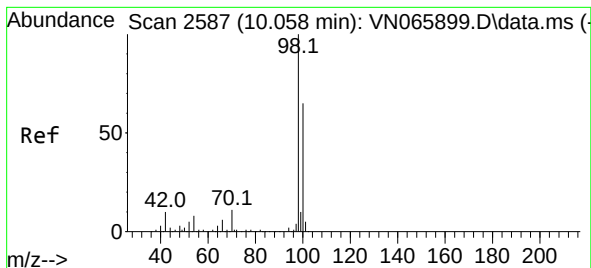


#38

Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.107 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 117 Resp: 12153
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.5 36.7#

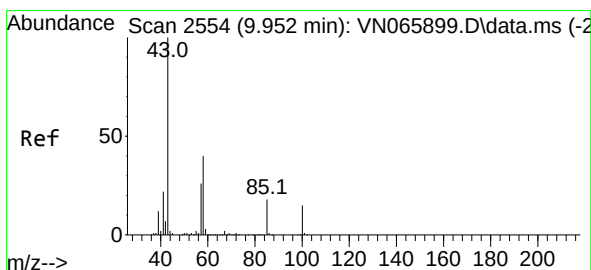
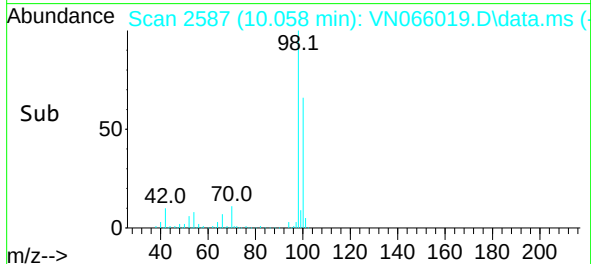
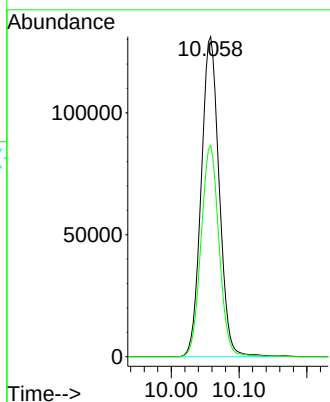
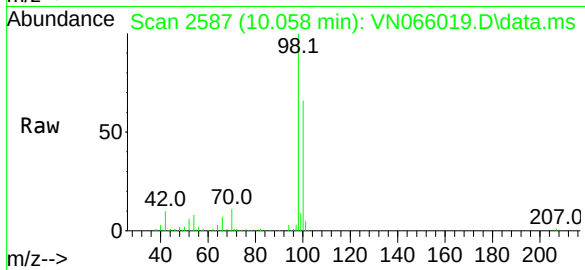




#50
Toluene-d8
Concen: 47.60 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

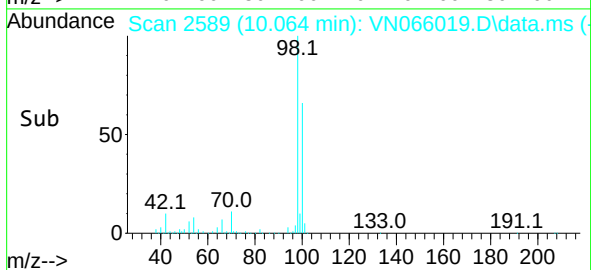
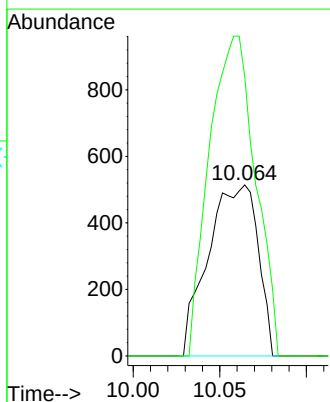
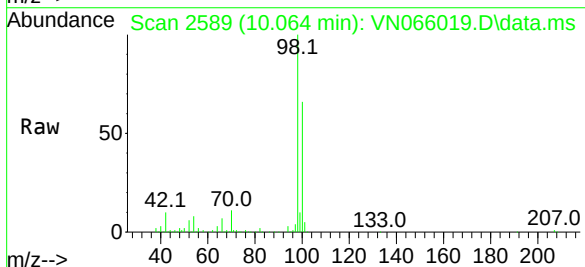
Instrument :
MSVOA_N
ClientSampled :

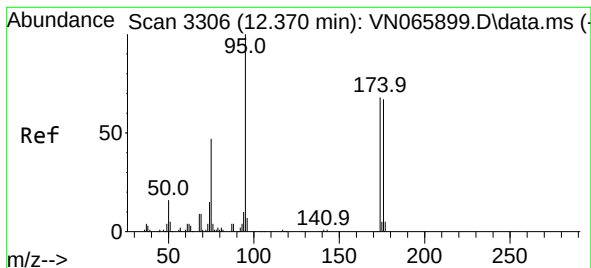
Tgt Ion: 98 Resp: 241036
Ion Ratio Lower Upper
98 100
100 66.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 10.064 min Scan# 2589
Delta R.T. 0.112 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 172.8 32.5 48.7#

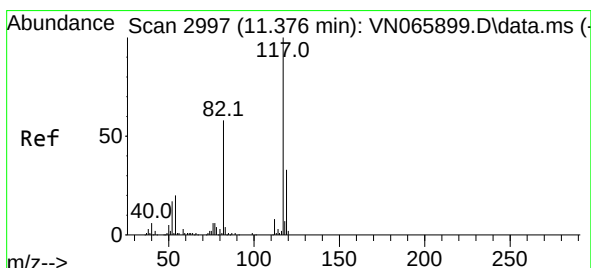
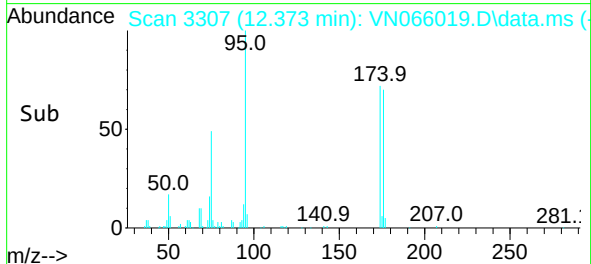
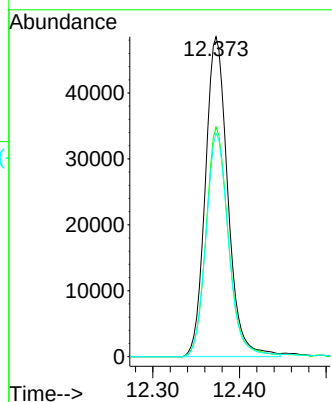
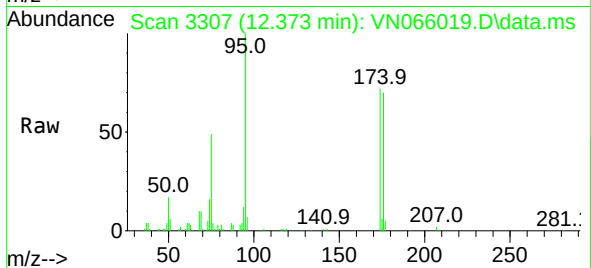




#62
4-Bromofluorobenzene
Concen: 45.97 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

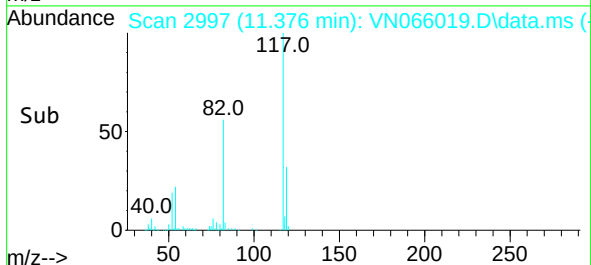
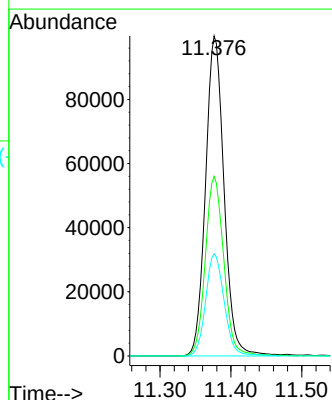
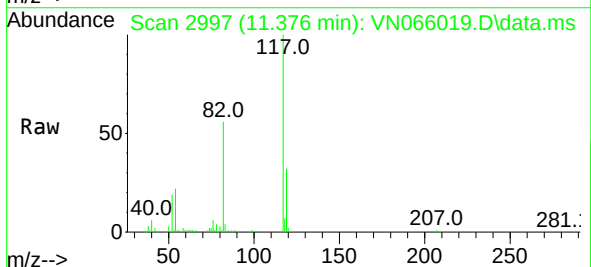
Instrument :
MSVOA_N
ClientSampleId :

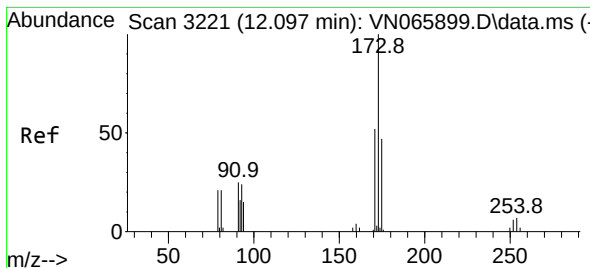
Tgt Ion: 95 Resp: 87386
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 70.1 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 117 Resp: 181198
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 31.9 26.1 39.1





#71

Bromoform

Concen: 2.59 ug/l

RT: 12.367 min Scan# 3305

Delta R.T. 0.270 min

Lab File: VN066019.D

Acq: 25 Feb 2021 11:11

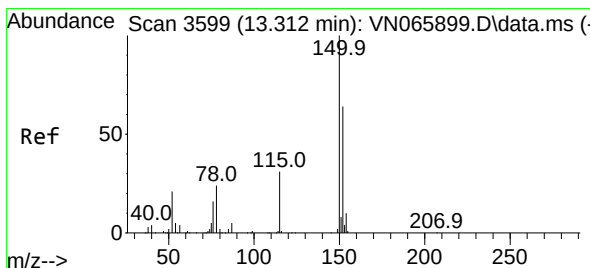
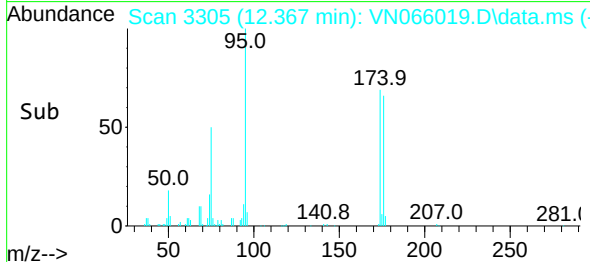
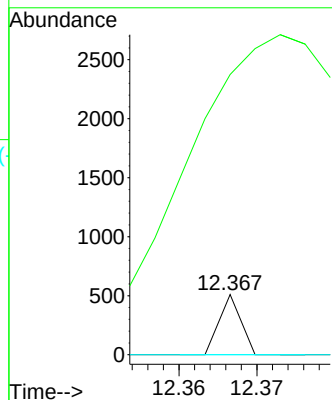
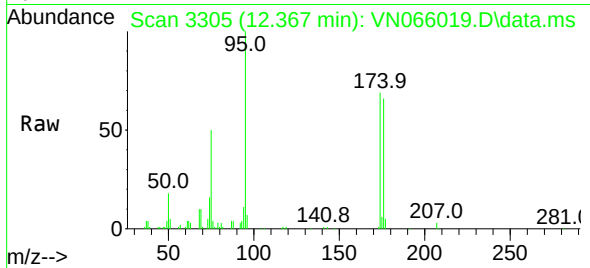
Tgt Ion:173 Resp: 98

Ion Ratio Lower Upper

173 100

175 3975.5 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: VN066019.D

Acq: 25 Feb 2021 11:11

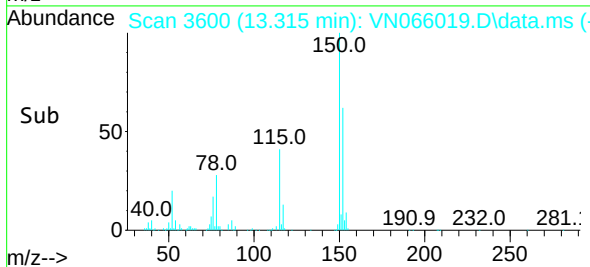
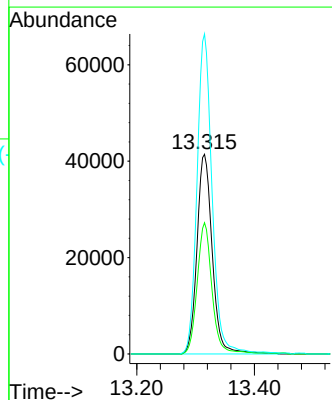
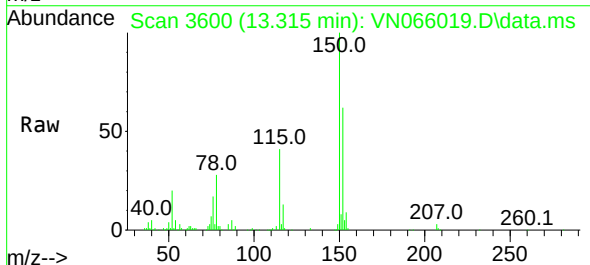
Tgt Ion:152 Resp: 74944

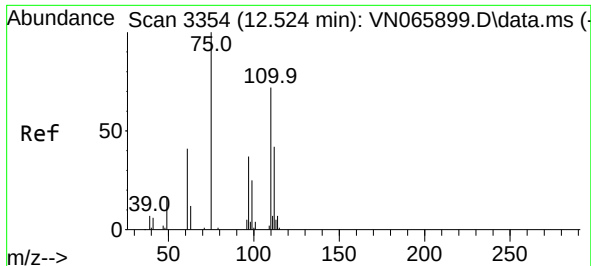
Ion Ratio Lower Upper

152 100

115 63.5 28.5 85.6

150 157.5 0.0 347.6

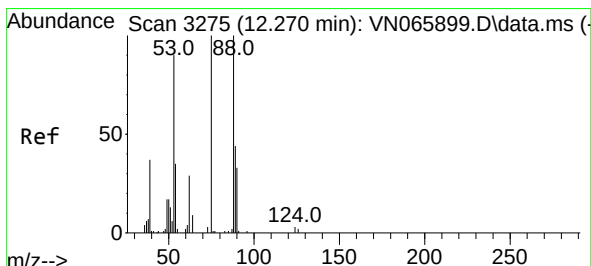
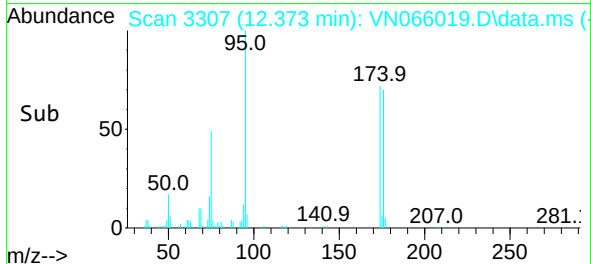
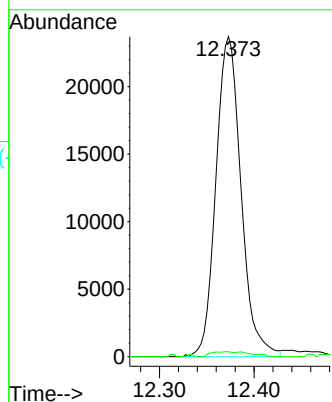
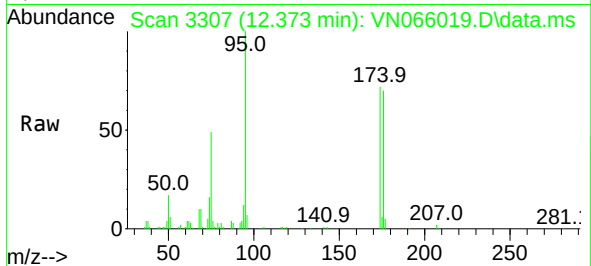




#76
1,2,3-Trichloropropane
Concen: 24.28 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

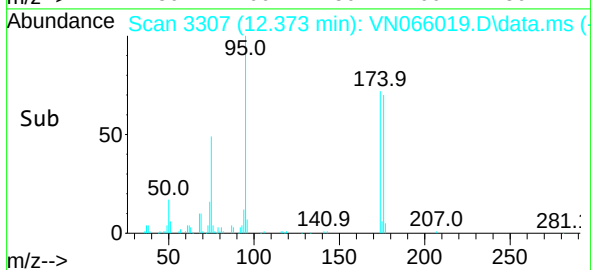
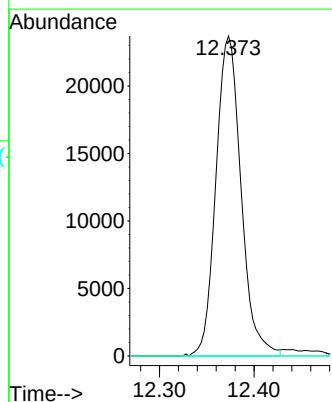
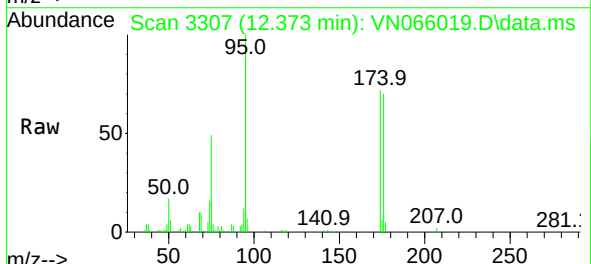
Instrument :
MSVOA_N
ClientSampled :

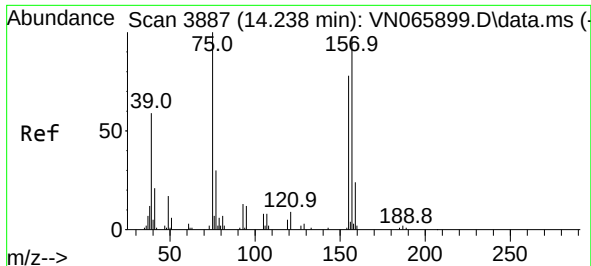
Tgt Ion: 75 Resp: 43722
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 75 Resp: 43722
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

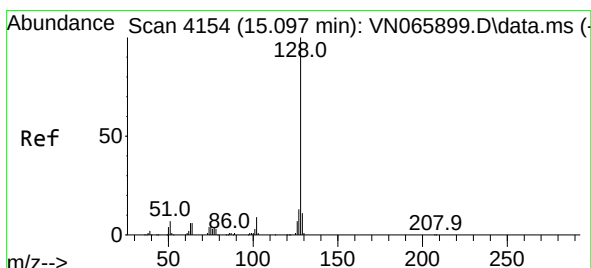
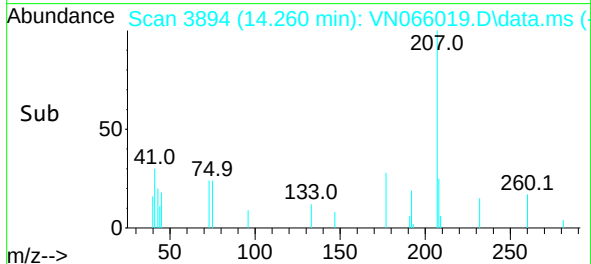
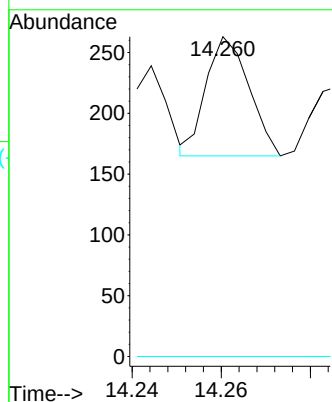
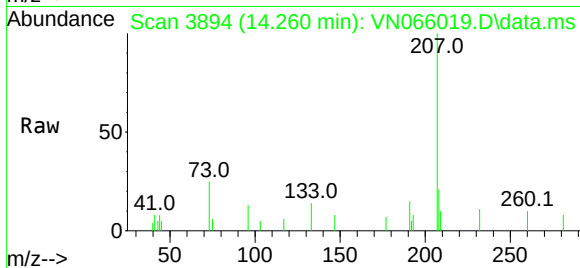




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.03 ug/l
RT: 14.260 min Scan# 3894
Delta R.T. 0.022 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#



#95
Naphthalene
Concen: 3.20 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.006 min
Lab File: VN066019.D
Acq: 25 Feb 2021 11:11

Tgt Ion: 128 Resp: 670
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

