

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066164.D
 Acq On : 10 Mar 2021 11:39
 Operator : JC/MD
 Sample : VN0310WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 10 17:42:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

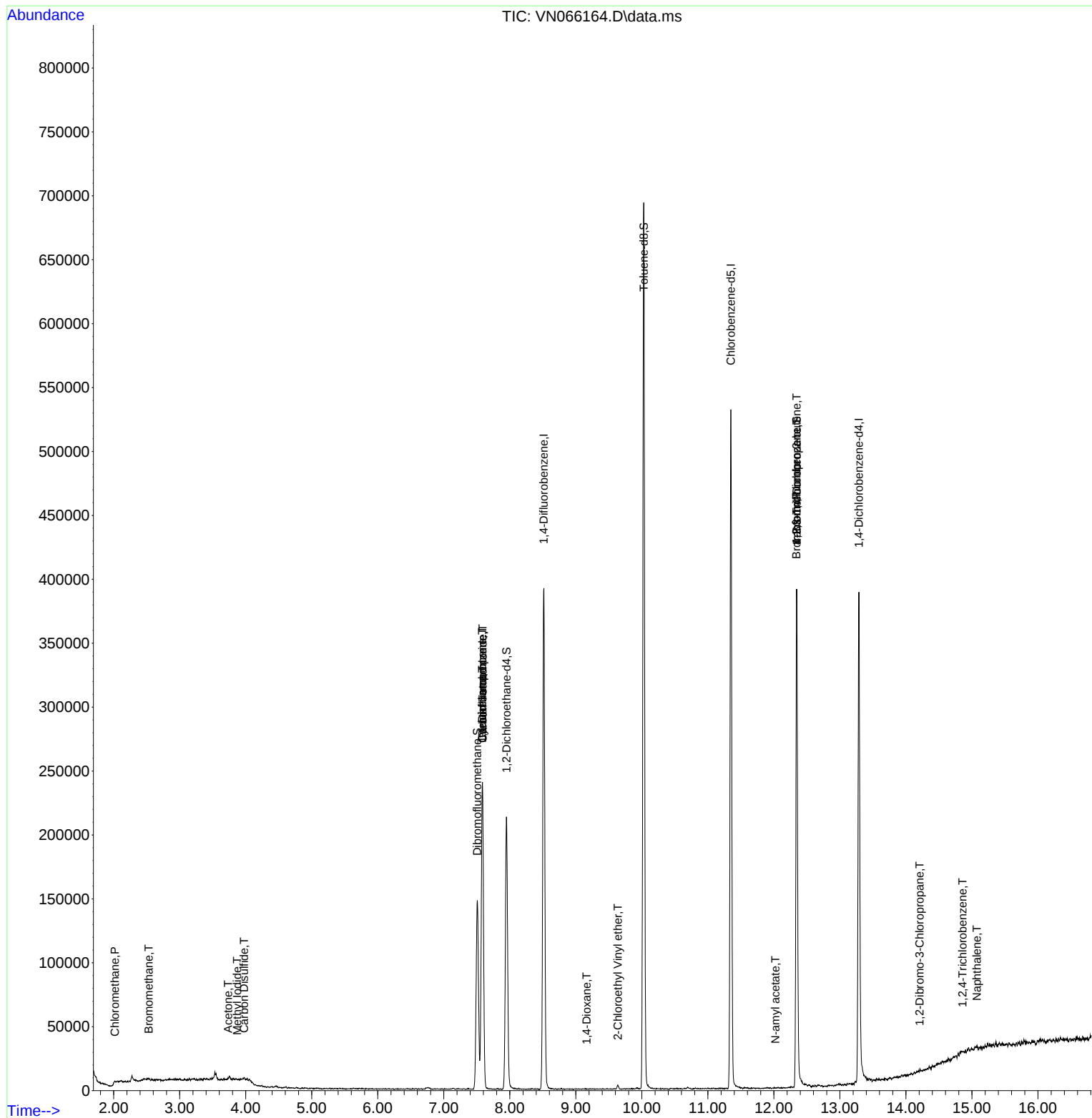
Internal Standards						
1) Pentafluorobenzene	7.585	168	181413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	309684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	274337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	102849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	183455	53.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.18%			
35) Dibromofluoromethane	7.507	113	113270	53.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.22%			
50) Toluene-d8	10.028	98	445061	53.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.08%			
62) 4-Bromofluorobenzene	12.345	95	142107	45.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.84%			
Target Compounds						Qvalue
3) Chloromethane	2.017	50	1358	0.33	ug/l #	62
5) Bromomethane	2.529	94	479	0.27	ug/l #	70
10) Methyl Iodide	3.870	142	51	2.70	ug/l #	43
13) Acrolein	3.532	56	2544	Below Cal	#	1
16) Acetone	3.733	43	565	0.33	ug/l #	83
17) Carbon Disulfide	3.975	76	1185	0.20	ug/l #	91
31) Cyclohexane	7.582	56	4693	0.95	ug/l #	6
36) 1,1-Dichloropropene	7.582	75	16254	4.62	ug/l #	44
38) Carbon Tetrachloride	7.587	117	19173	6.25	ug/l #	16
49) 1,4-Dioxane	9.162	88	25	0.64	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.636	63	1299	12.91	ug/l #	54
71) Bromoform	12.342	173	525	0.32	ug/l #	1
74) N-amyl acetate	12.021	43	25	2.97	ug/l #	42
76) 1,2,3-Trichloropropane	12.345	75	75632	24.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.345	75	75632	76.61	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.209	75	171	0.23	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.858	180	231	2.31	ug/l #	60
95) Naphthalene	15.075	128	1697	0.27	ug/l #	77

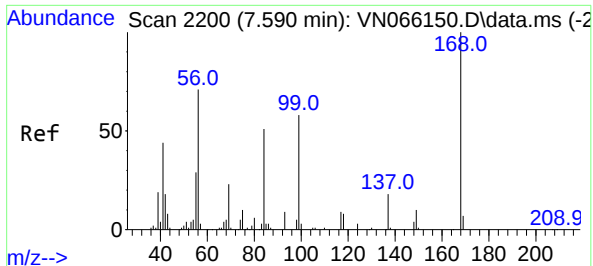
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Mar 10 17:42:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 09 14:48:21 2021
Response via : Initial Calibration

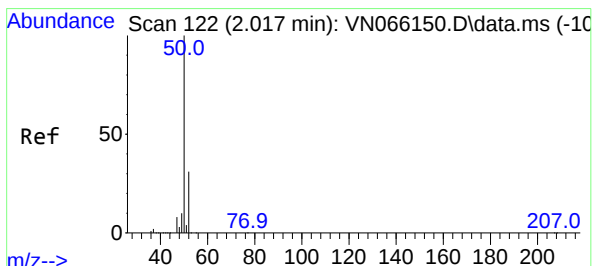
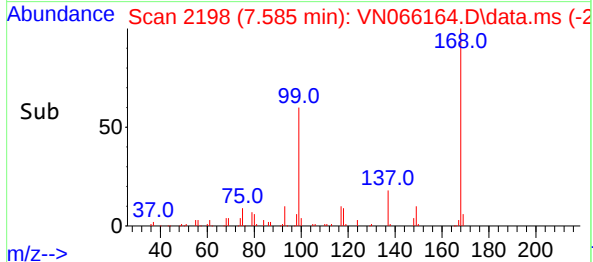
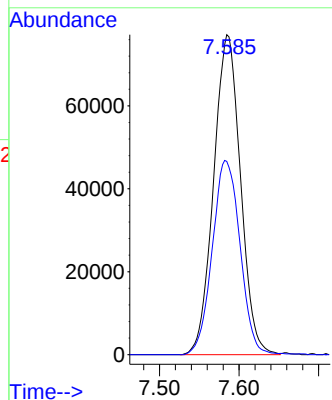
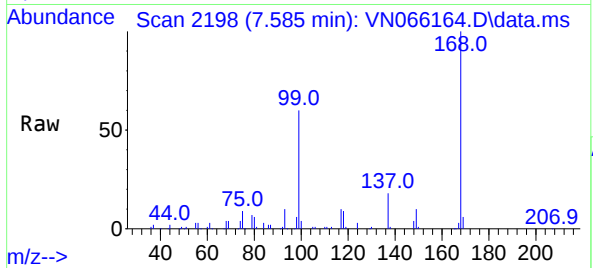




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

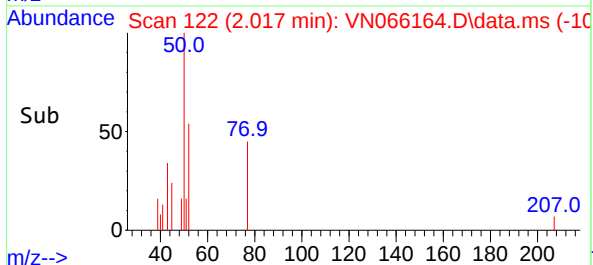
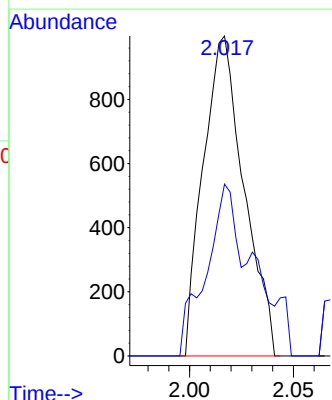
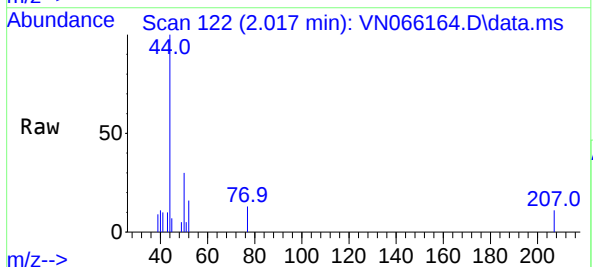
Instrument :
MSVOA_N
ClientSampled :

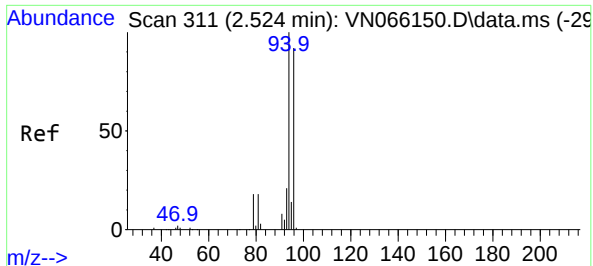
Tgt Ion:168 Resp: 181413
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#3
Chloromethane
Concen: 0.33 ug/l
RT: 2.017 min Scan# 122
Delta R.T. -0.000 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 50 Resp: 1358
Ion Ratio Lower Upper
50 100
52 53.7 25.8 38.8#

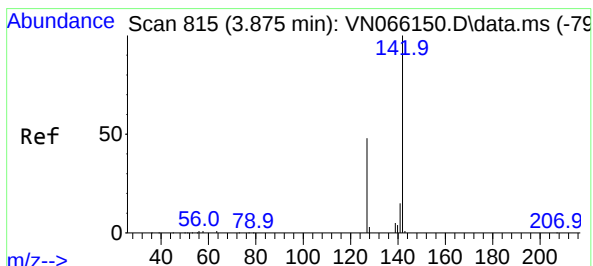
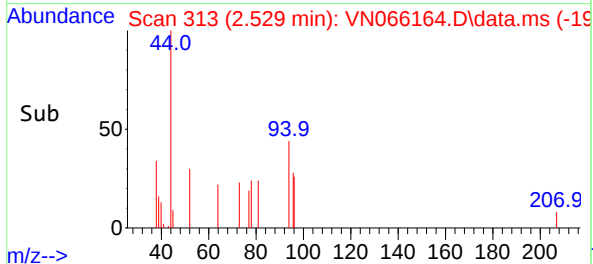
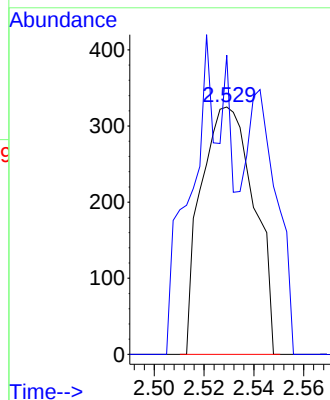
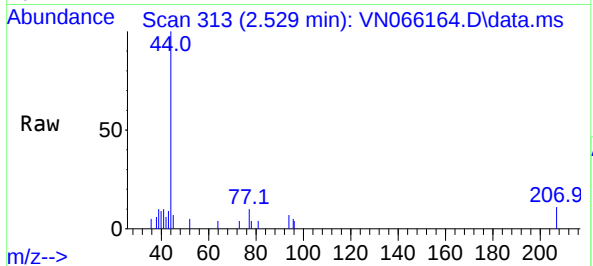




#5
Bromomethane
Concen: 0.27 ug/l
RT: 2.529 min Scan# 313
Delta R.T. 0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

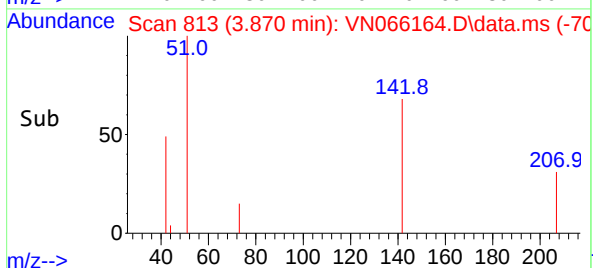
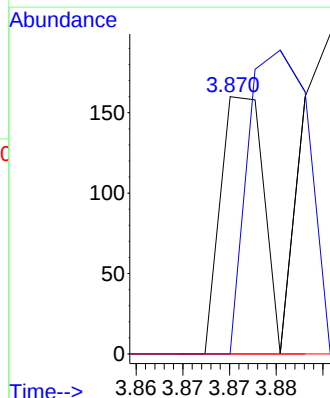
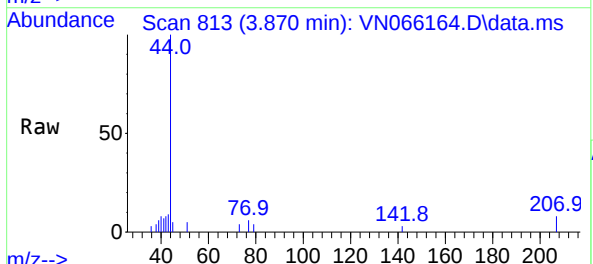
Instrument :
MSVOA_N
ClientSampled :

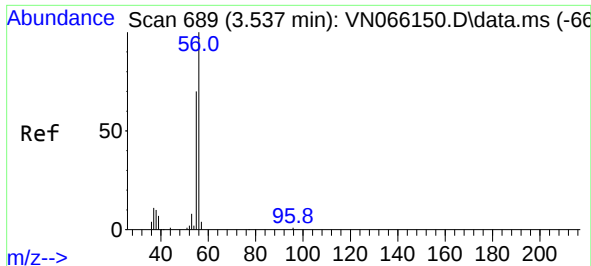
Tgt Ion: 94 Resp: 479
Ion Ratio Lower Upper
94 100
96 62.8 73.0 109.4#



#10
Methyl Iodide
Concen: 2.70 ug/l
RT: 3.870 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
127 0.0 31.7 47.5#
141 0.0 10.9 16.3#

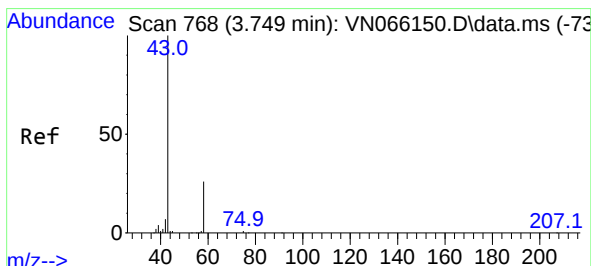
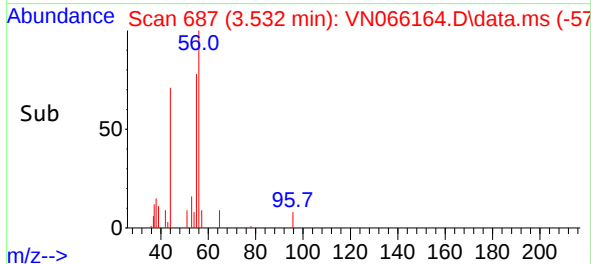
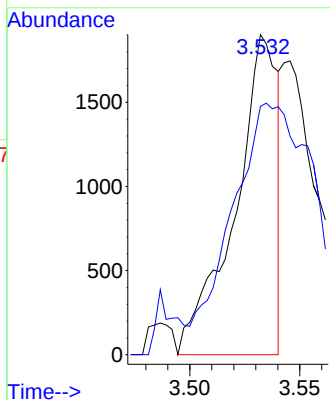
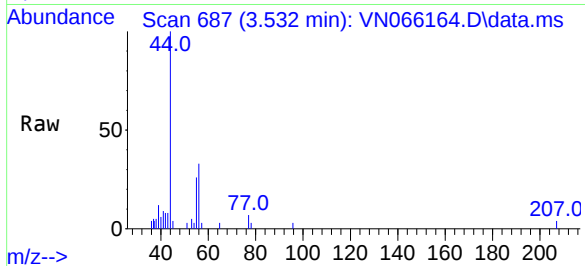




#13
Acrolein
Concen: Below Cal
RT: 3.532 min Scan# 687
Delta R.T. -0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

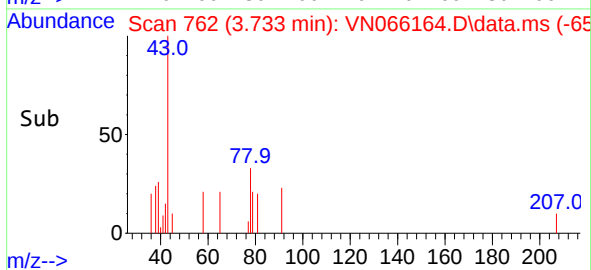
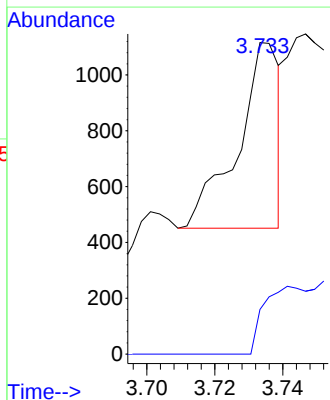
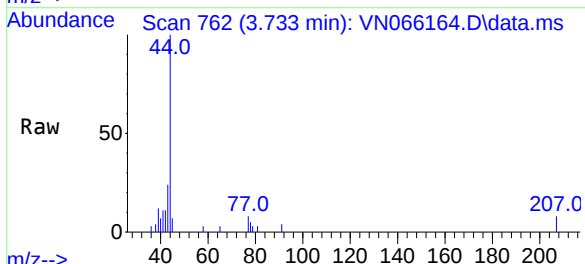
Instrument :
MSVOA_N
ClientSampled :

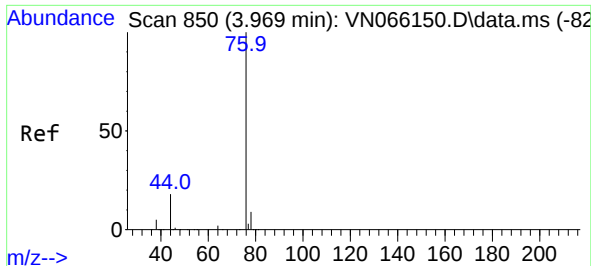
Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
55 160.1 56.0 84.0#



#16
Acetone
Concen: 0.33 ug/l
RT: 3.733 min Scan# 762
Delta R.T. -0.016 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 24.1 27.0 40.6#

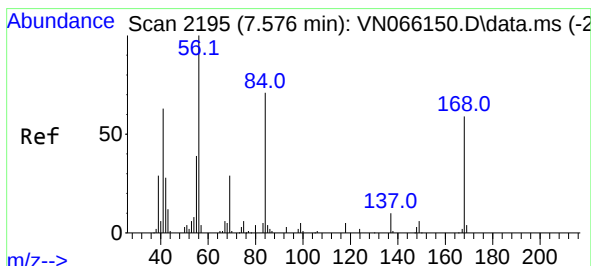
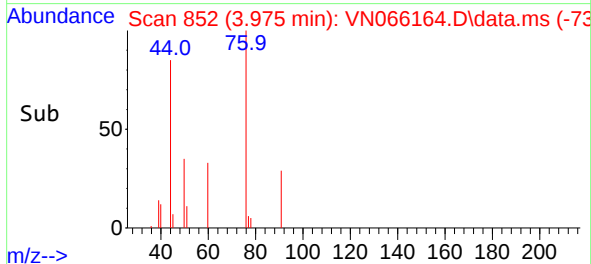
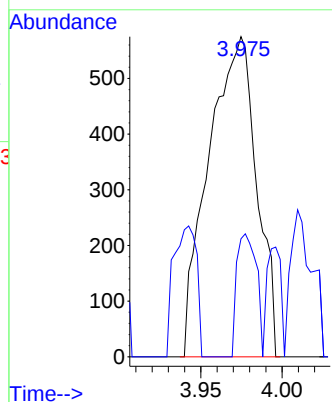
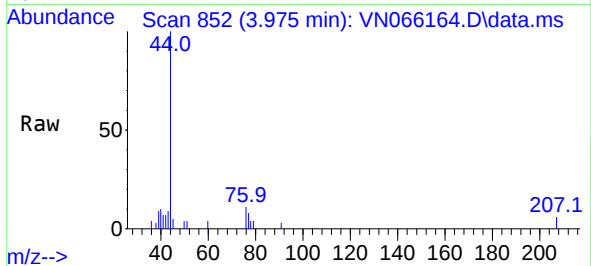




#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 3.975 min Scan# 852
Delta R.T. 0.006 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

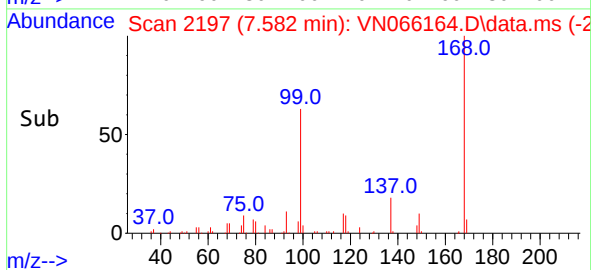
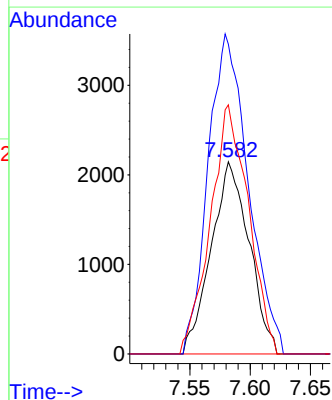
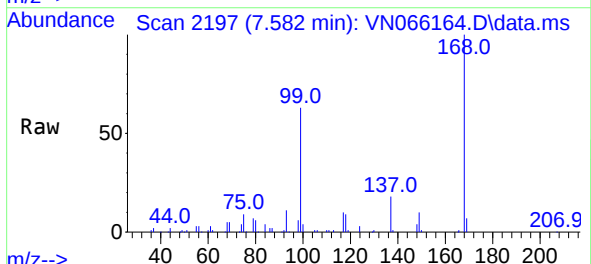
Instrument :
MSVOA_N
ClientSampled :

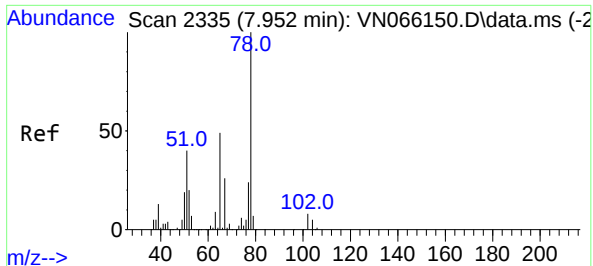
Tgt Ion: 76 Resp: 1185
Ion Ratio Lower Upper
76 100
78 6.4 7.8 11.6#



#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 56 Resp: 4693
Ion Ratio Lower Upper
56 100
69 161.1 26.6 39.8#
84 129.6 70.4 105.6#



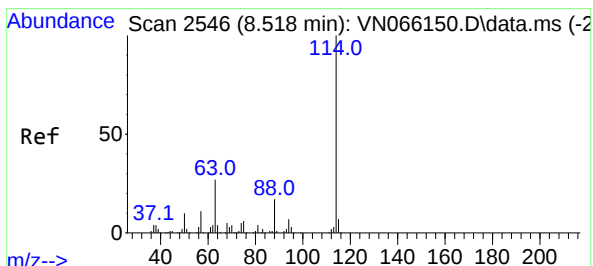
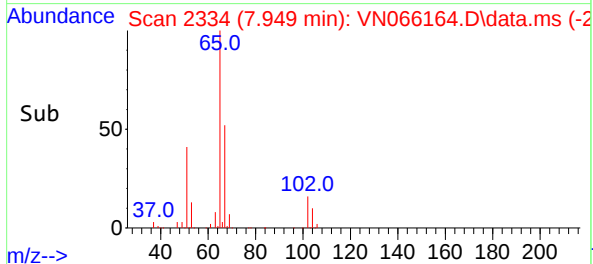
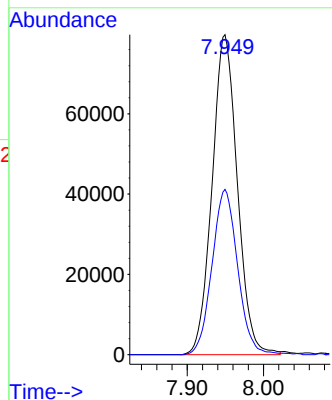
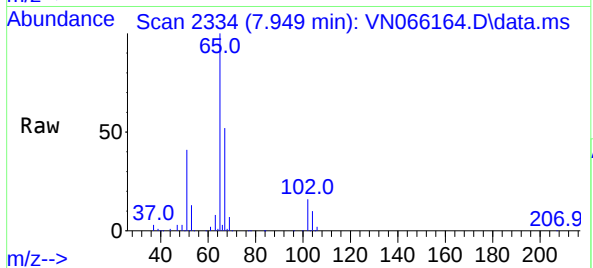


#33

1,2-Dichloroethane-d4
Concen: 53.59 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. -0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Instrument :
MSVOA_N
ClientSampled :

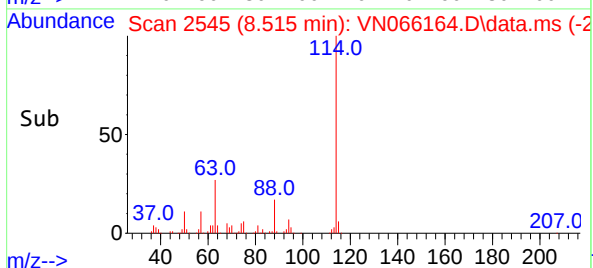
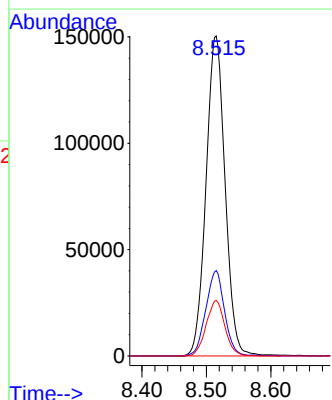
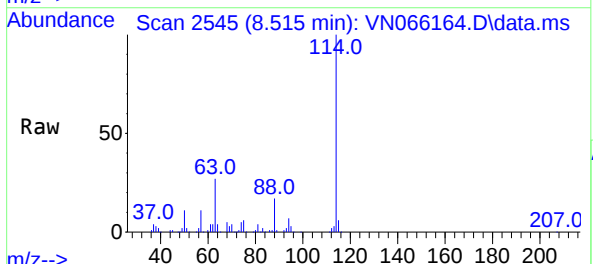
Tgt Ion: 65 Resp: 183455
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.2

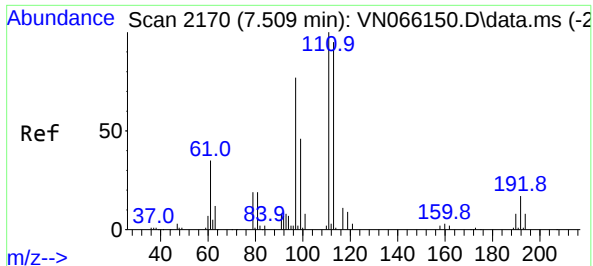


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. -0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion:114 Resp: 309684
Ion Ratio Lower Upper
114 100
63 26.7 0.0 38.6
88 17.3 0.0 30.6

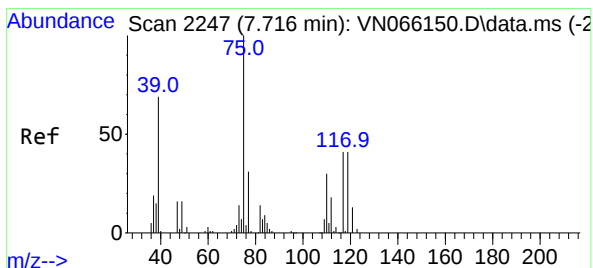
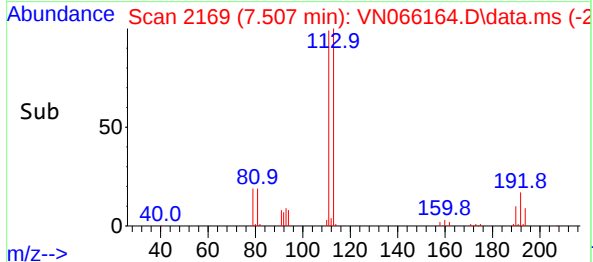
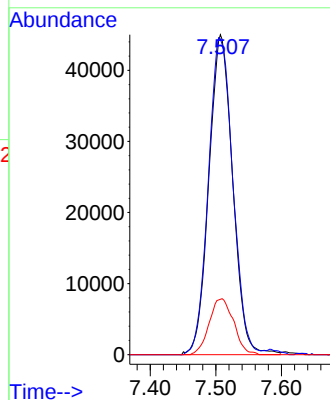
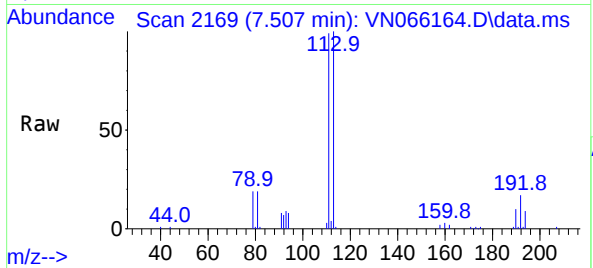




#35
Dibromofluoromethane
Concen: 53.61 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

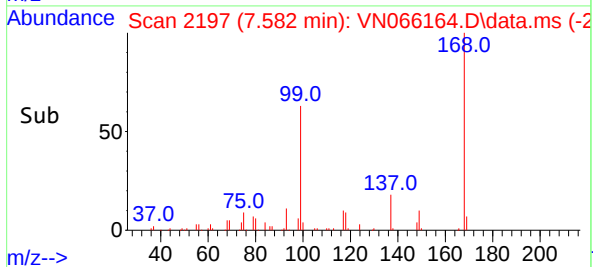
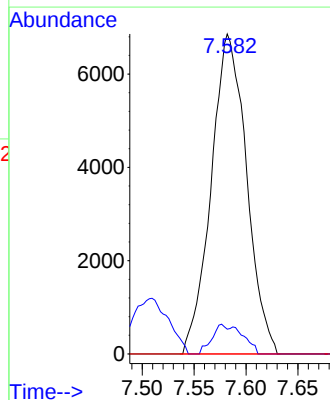
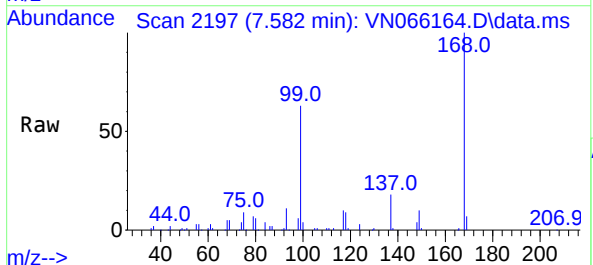
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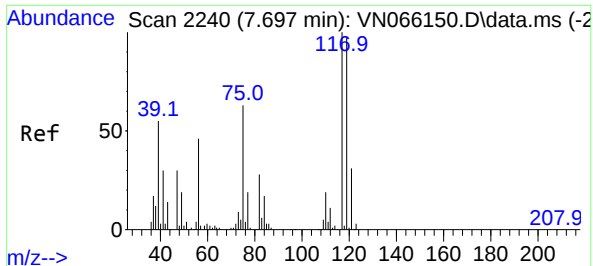
Tgt Ion:113 Resp: 113270
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 18.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.582 min Scan# 2197
Delta R.T. -0.134 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

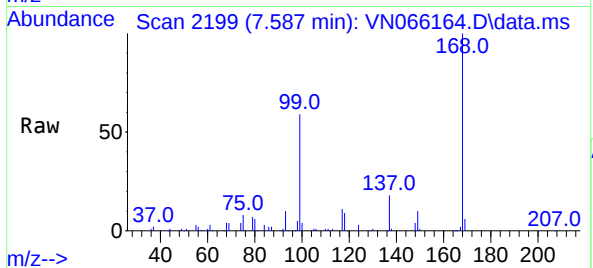
Tgt Ion: 75 Resp: 16254
Ion Ratio Lower Upper
75 100
110 4.0 18.2 54.6#
77 0.0 24.9 37.3#



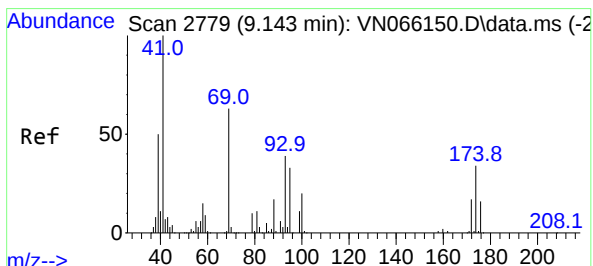
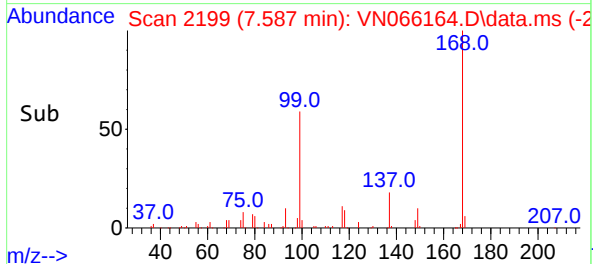
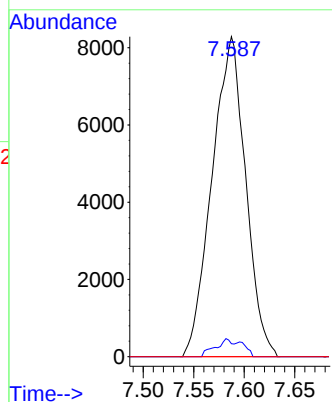


#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. -0.110 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Instrument :
MSVOA_N
ClientSampled :

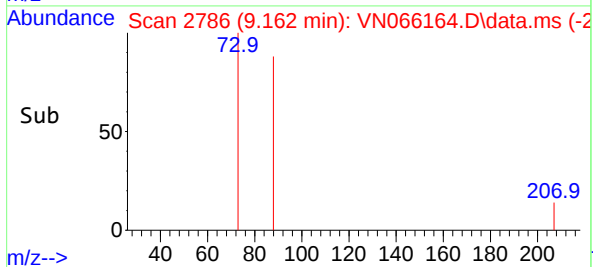
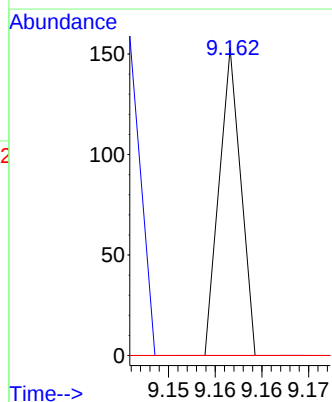
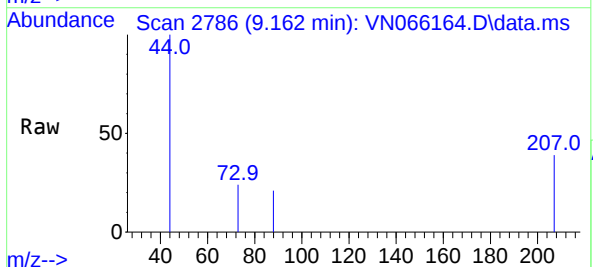


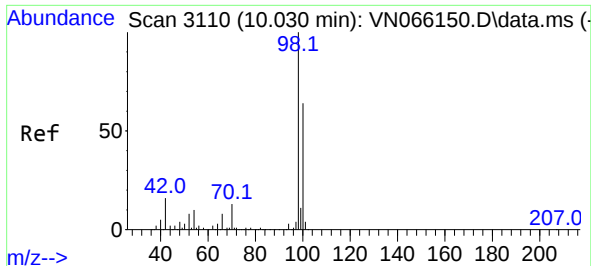
Tgt Ion:117 Resp: 19173
Ion Ratio Lower Upper
117 100
119 4.1 76.0 114.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 0.64 ug/l
RT: 9.162 min Scan# 2786
Delta R.T. 0.019 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 200.0 24.7 37.1#
58 360.0 52.6 78.8#

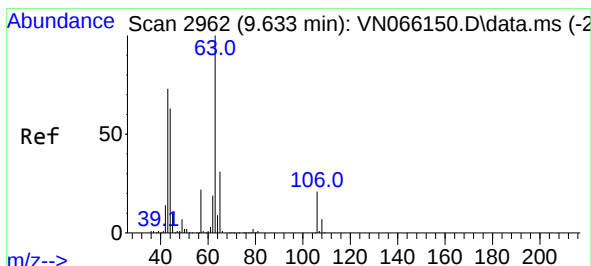
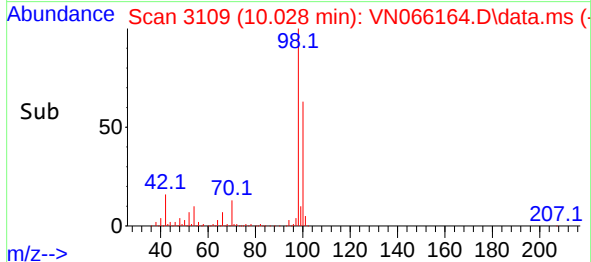
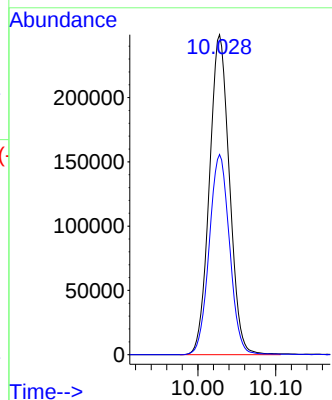
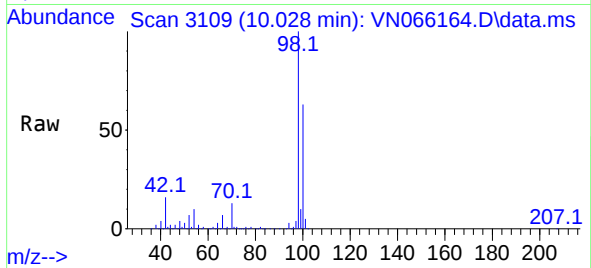




#50
Toluene-d8
Concen: 53.54 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.002 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

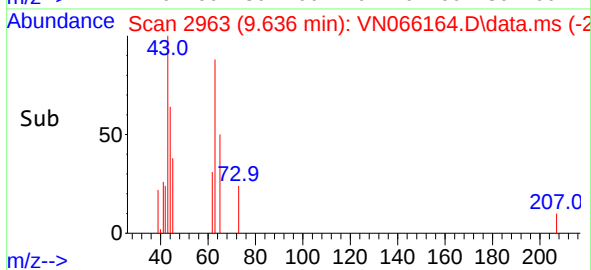
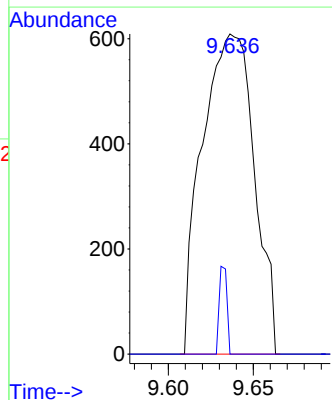
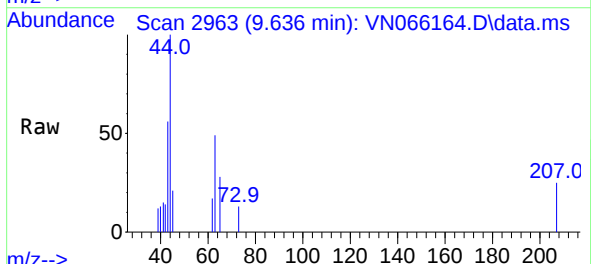
Instrument :
MSVOA_N
ClientSampled :

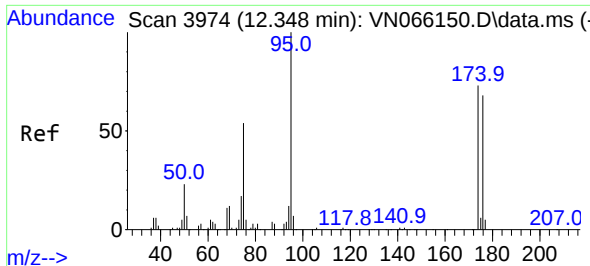
Tgt Ion: 98 Resp: 445061
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#58
2-Chloroethyl Vinyl ether
Concen: 12.91 ug/l
RT: 9.636 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 63 Resp: 1299
Ion Ratio Lower Upper
63 100
106 4.1 22.6 33.8#

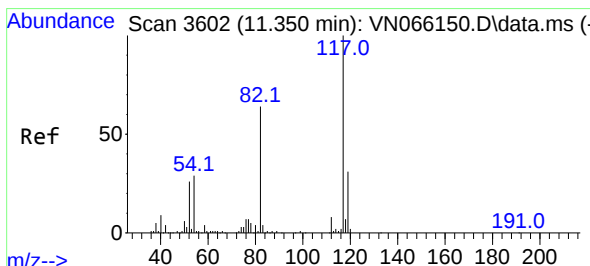
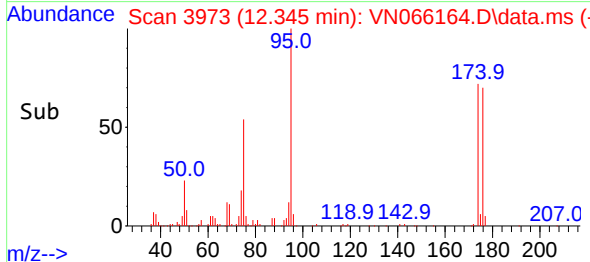
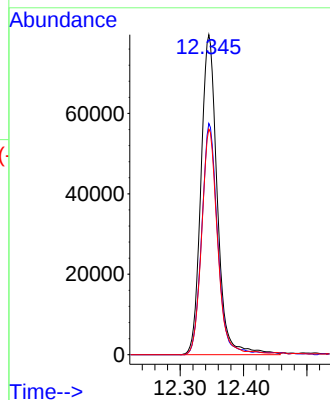
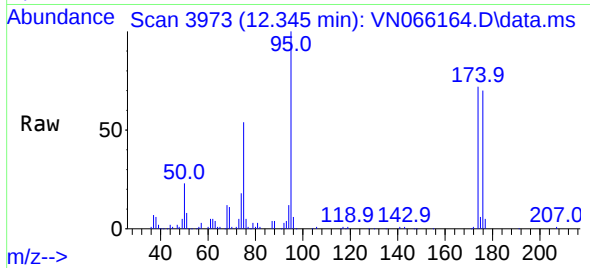




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

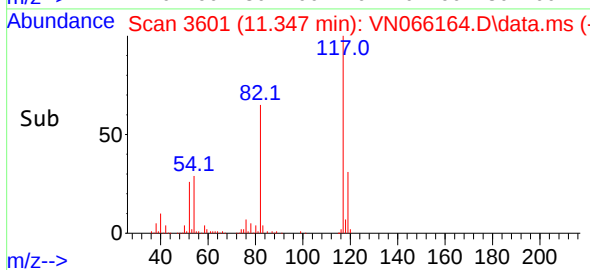
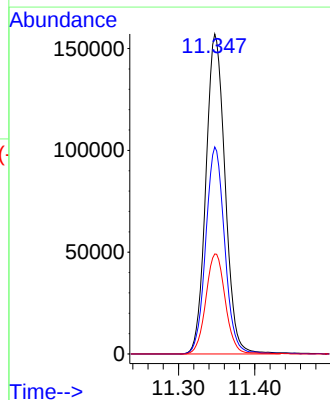
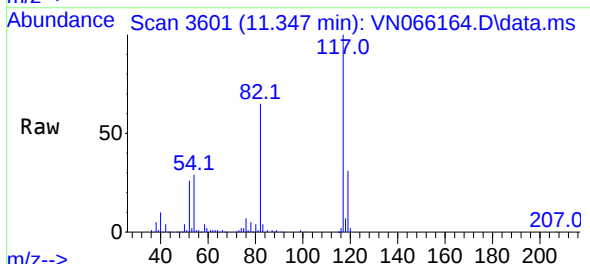
Instrument :
MSVOA_N
ClientSampleId :

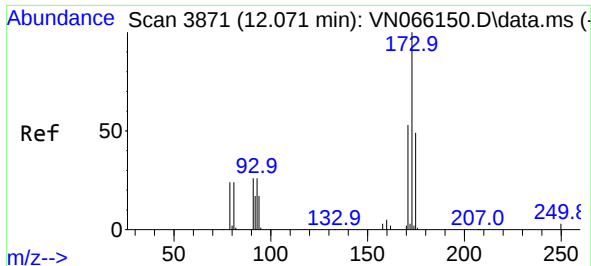
Tgt Ion: 95 Resp: 142107
Ion Ratio Lower Upper
95 100
174 70.1 0.0 169.0
176 68.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 117 Resp: 274337
Ion Ratio Lower Upper
117 100
82 64.7 43.7 65.5
119 31.2 26.1 39.1

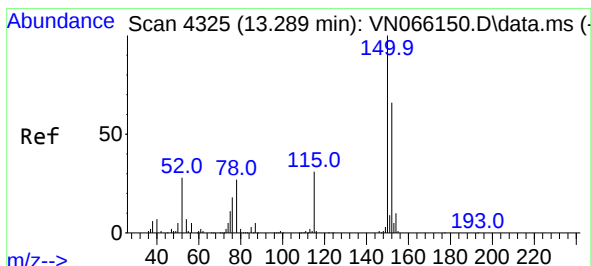
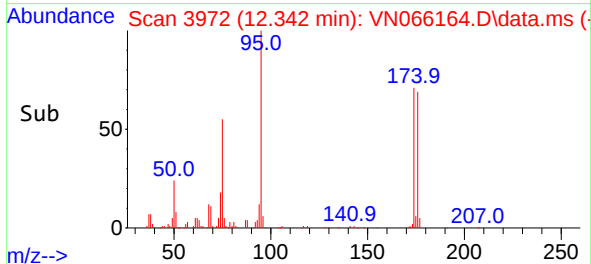
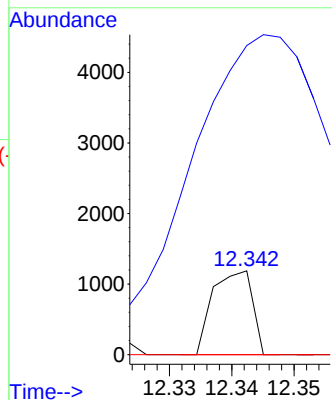
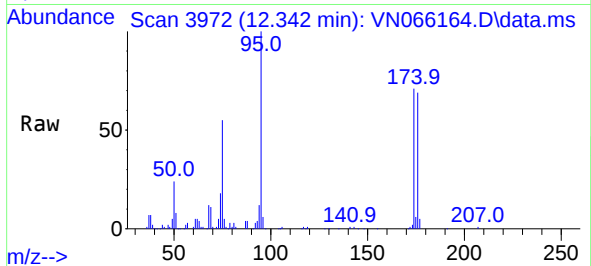




#71
Bromoform
Concen: 0.32 ug/l
RT: 12.342 min Scan# 3972
Delta R.T. 0.271 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

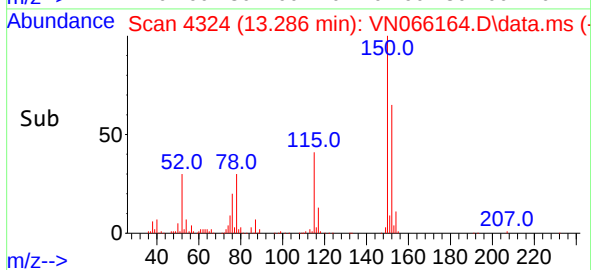
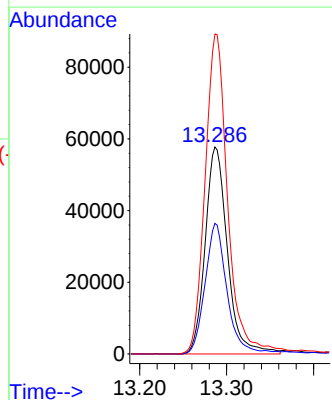
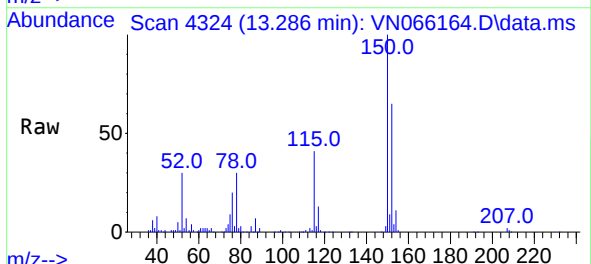
Instrument :
MSVOA_N
ClientSampled :

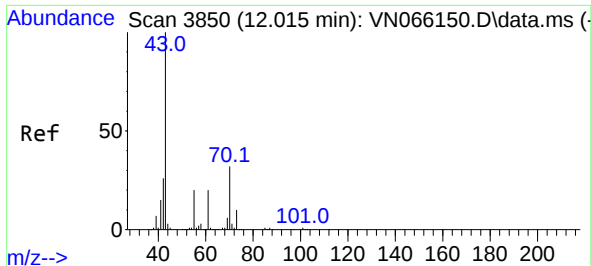
Tgt Ion:173 Resp: 525
Ion Ratio Lower Upper
173 100
175 1393.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. -0.003 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

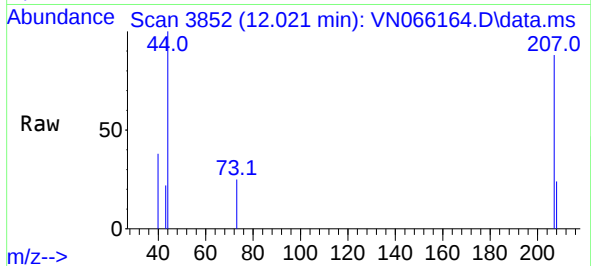
Tgt Ion:152 Resp: 102849
Ion Ratio Lower Upper
152 100
115 61.4 28.5 85.6
150 157.6 0.0 347.6



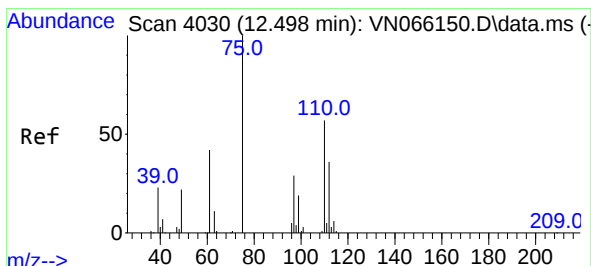
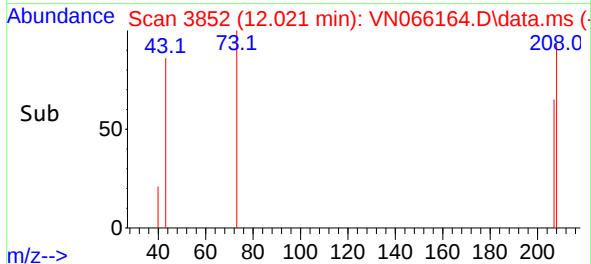
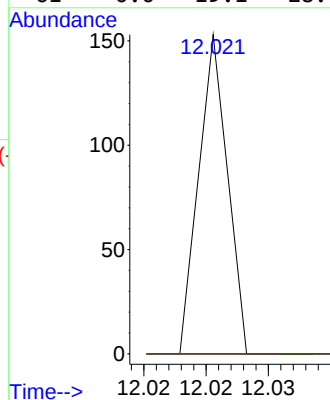


#74
N-amy1 acetate
Concen: 2.97 ug/l
RT: 12.021 min Scan# 3852
Delta R.T. 0.006 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Instrument :
MSVOA_N
ClientSampled :

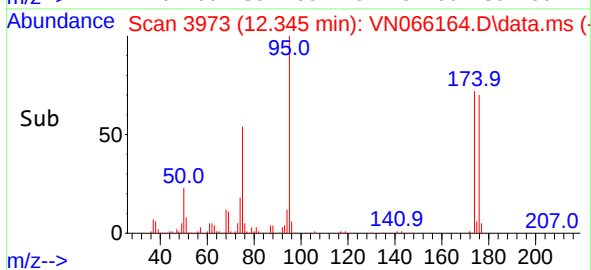
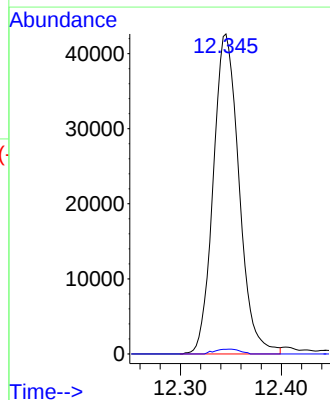
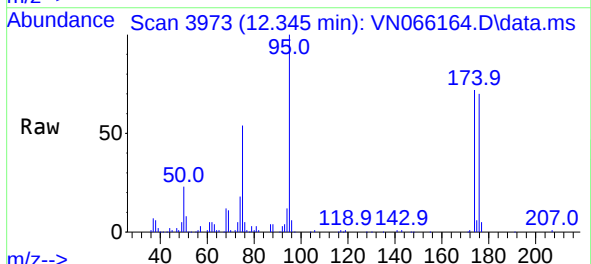


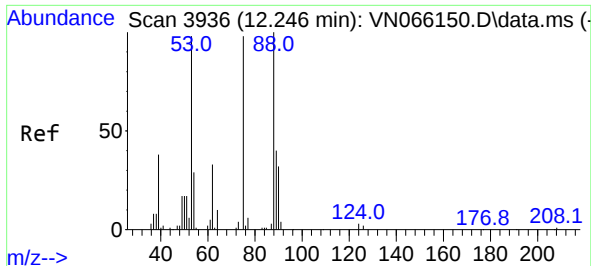
Tgt Ion: 43	Resp: 25
Ion Ratio	Lower Upper
43 100	
70 0.0	34.4 51.6#
55 0.0	20.7 31.1#
61 0.0	19.1 28.7#



#76
1,2,3-Trichloropropane
Concen: 24.54 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.153 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 75	Resp: 75632
Ion Ratio	Lower Upper
75 100	
77 1.5	0.0 0.0#

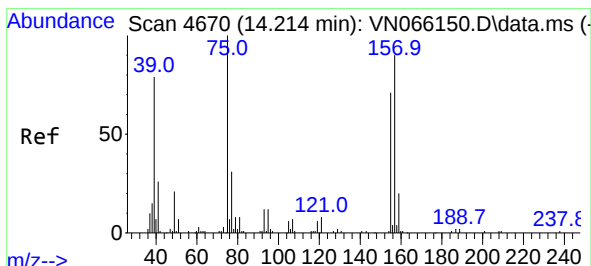
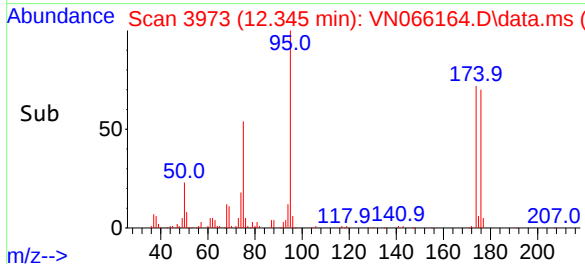
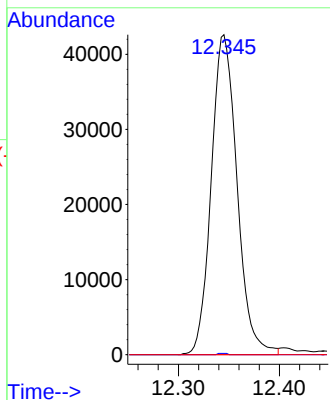
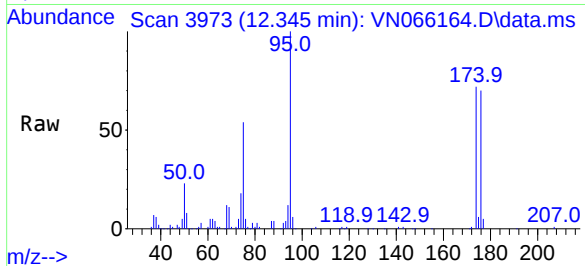




#81
trans-1,4-Dichloro-2-butene
Concen: 76.61 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.099 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

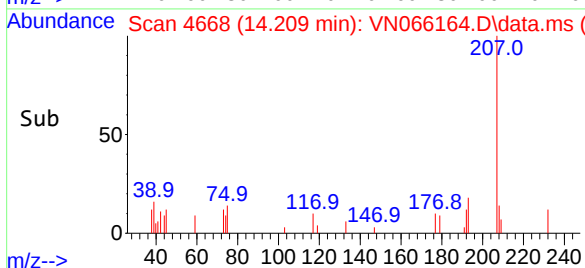
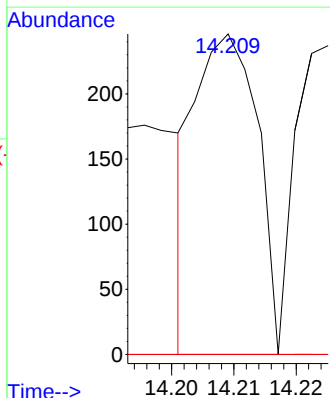
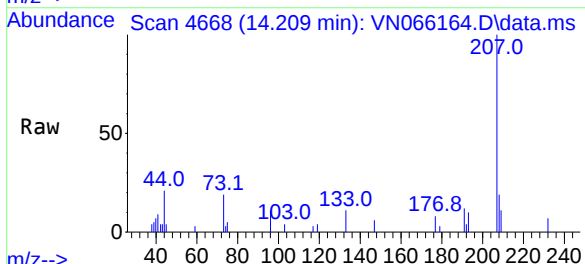
Instrument :
MSVOA_N
ClientSampled :

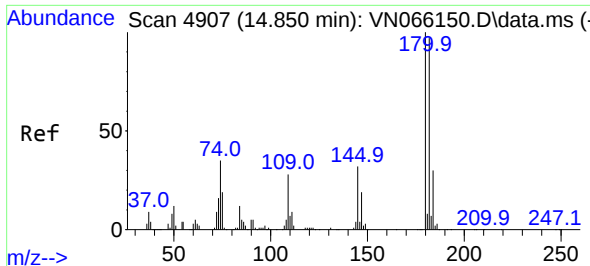
Tgt Ion: 75 Resp: 75632
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 14.209 min Scan# 4668
Delta R.T. -0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion: 75 Resp: 171
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

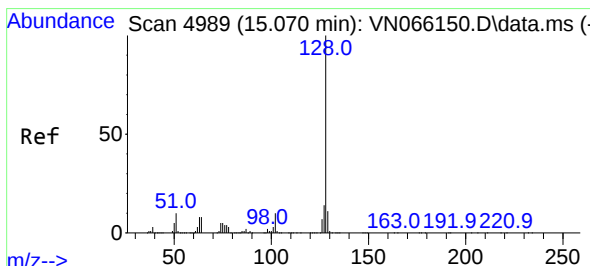
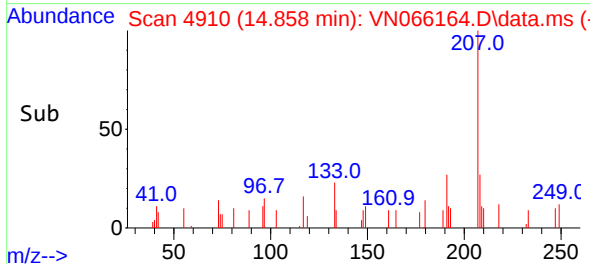
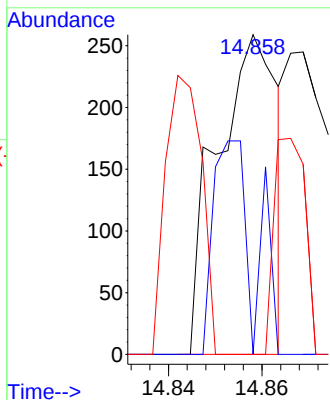
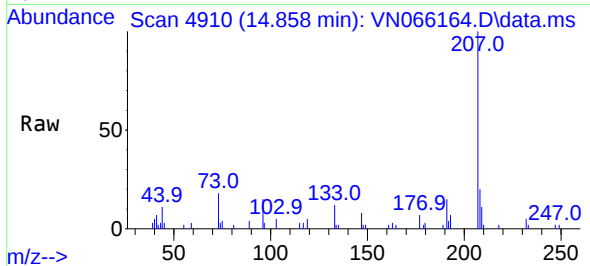




#93
1,2,4-Trichlorobenzene
Concen: 2.31 ug/l
RT: 14.858 min Scan# 4910
Delta R.T. 0.008 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:180 Resp: 231
Ion Ratio Lower Upper
180 100
182 45.5 47.3 142.0#
145 35.1 15.6 46.8



#95
Naphthalene
Concen: 0.27 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066164.D
Acq: 10 Mar 2021 11:39

Tgt Ion:128 Resp: 1697
Ion Ratio Lower Upper
128 100
127 5.2 10.2 15.2#
129 0.0 8.6 13.0#

