

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066880.D
 Acq On : 29 Apr 2021 23:16
 Operator : JC/MD
 Sample : VN0429WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:17:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

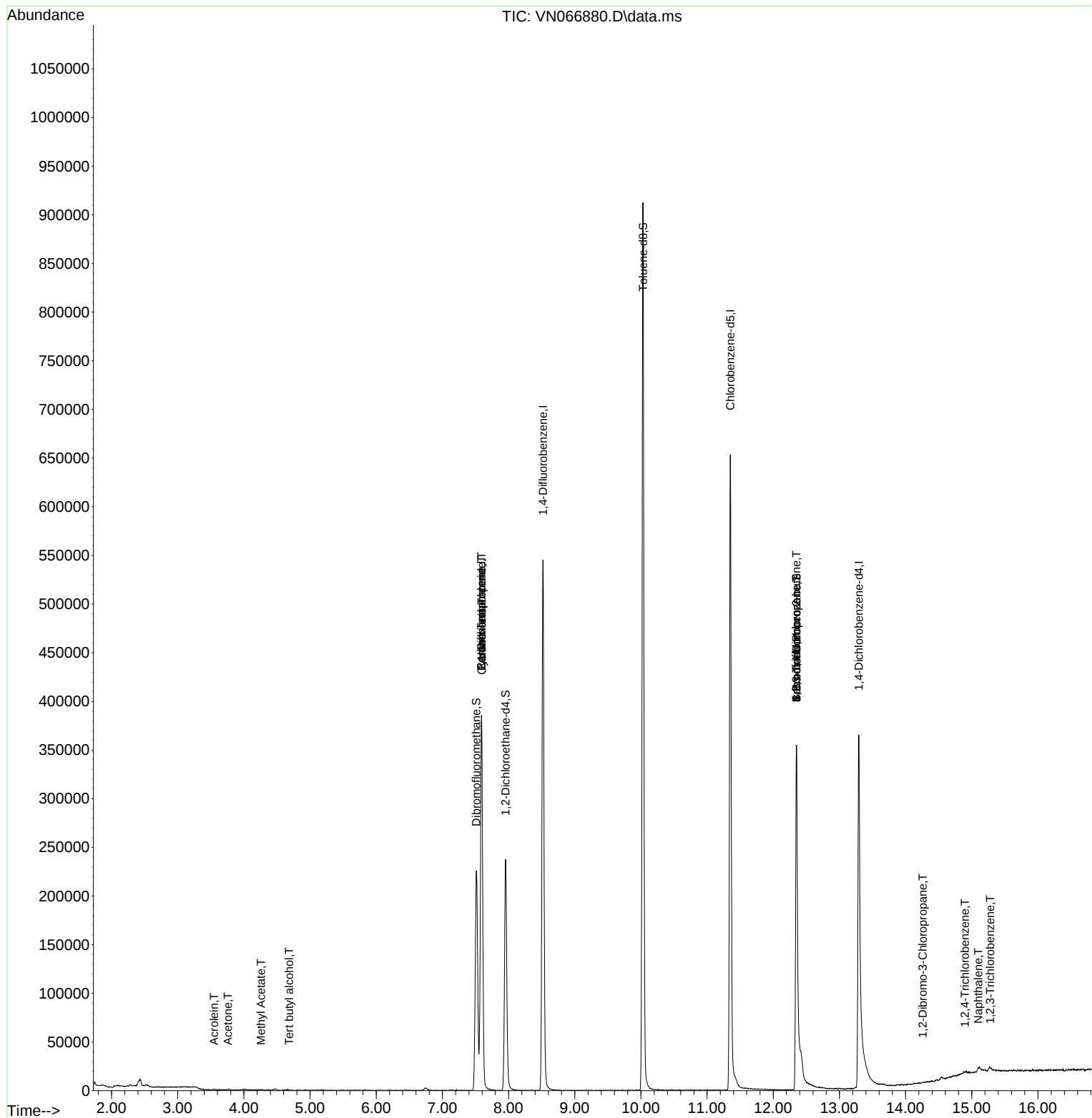
Internal Standards						
1) Pentafluorobenzene	7.591	168	343987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	520784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	448369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	177476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	203043	45.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.88%		
35) Dibromofluoromethane	7.513	113	182964	56.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	113.82%		
50) Toluene-d8	10.032	98	664167	52.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.28%		
62) 4-Bromofluorobenzene	12.349	95	185643	43.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.96%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.684	59	161	0.24	ug/l #	73
13) Acrolein	3.549	56	336	0.59	ug/l	89
16) Acetone	3.758	43	1204	0.72	ug/l #	41
18) Methyl Acetate	4.260	43	705	1.27	ug/l #	51
31) Cyclohexane	7.594	56	5277	0.77	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	22118	4.57	ug/l #	49
38) Carbon Tetrachloride	7.591	117	28546	6.15	ug/l #	17
71) Bromoform	12.349	173	1051	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	72291	19.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	72291	53.44	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.258	75	198	0.26	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.897	180	1400	0.46	ug/l #	85
95) Naphthalene	15.098	128	3128	0.40	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.277	180	2375	0.80	ug/l #	47

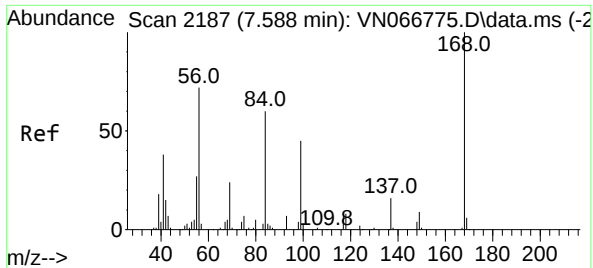
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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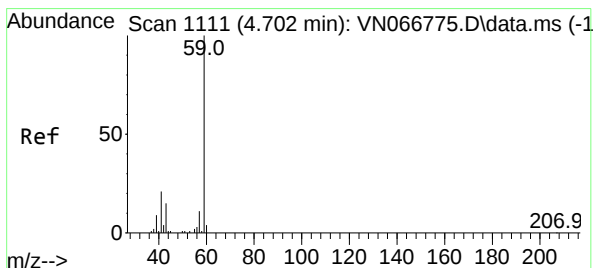
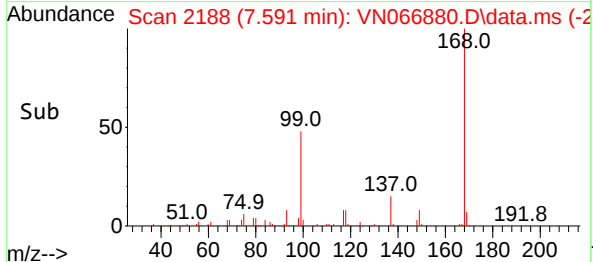
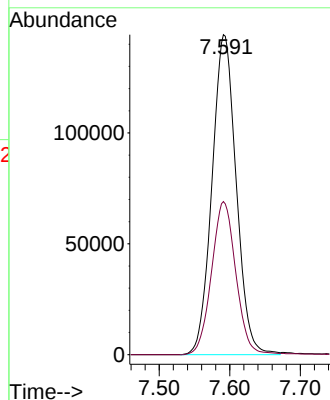
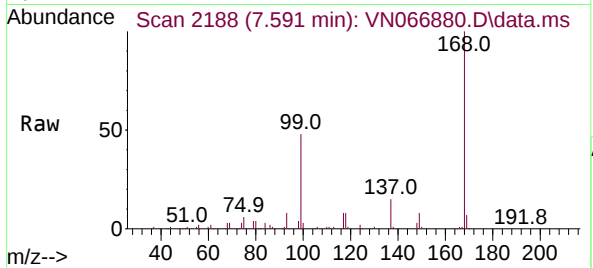




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

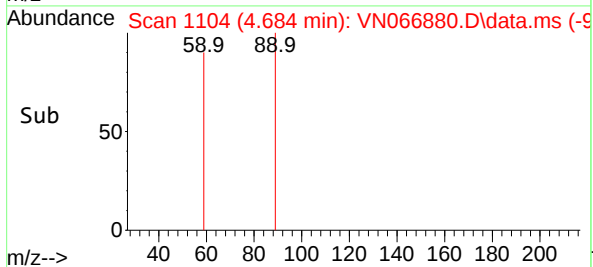
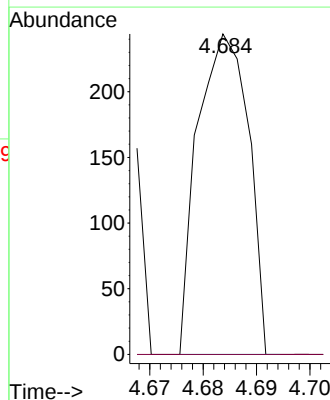
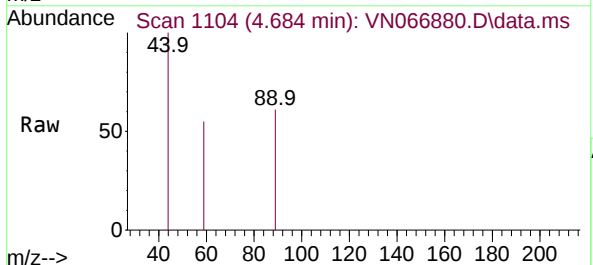
Instrument :
MSVOA_N
ClientSampled :

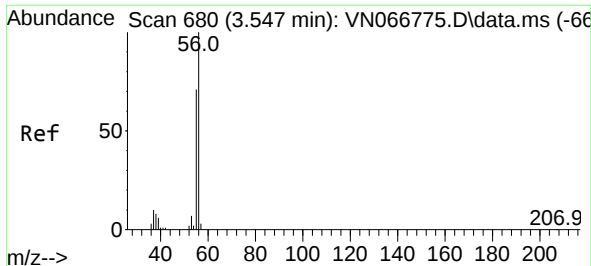
Tgt Ion:168 Resp: 343987
Ion Ratio Lower Upper
168 100
99 47.8 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 4.684 min Scan# 1104
Delta R.T. -0.018 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

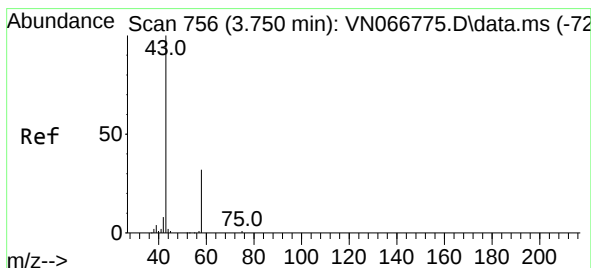
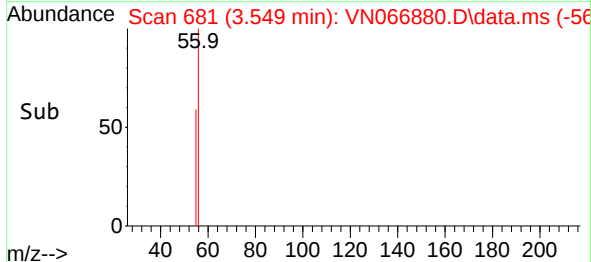
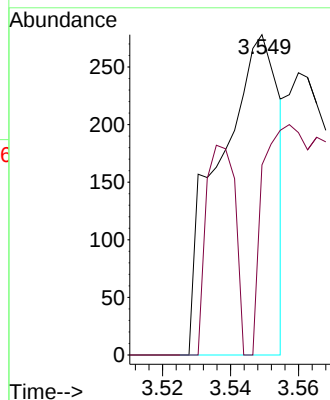
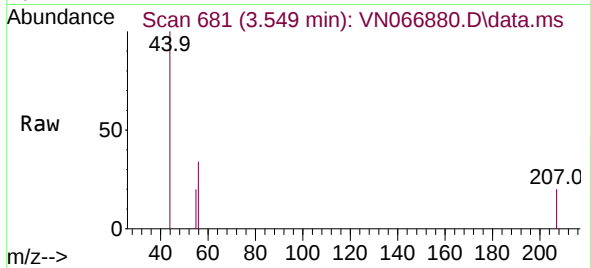




#13
Acrolein
Concen: 0.59 ug/l
RT: 3.549 min Scan# 681
Delta R.T. 0.002 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

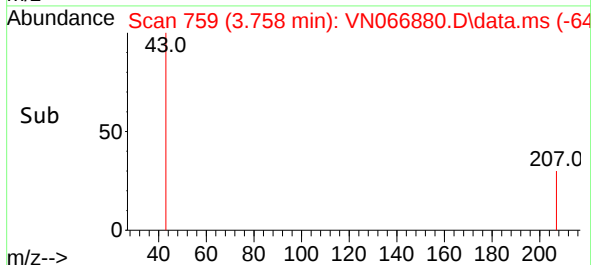
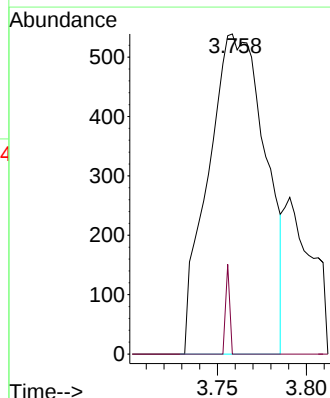
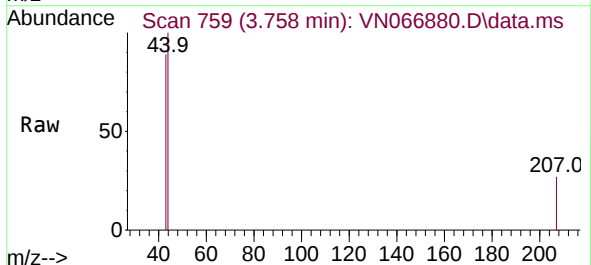
Instrument :
MSVOA_N
ClientSampled :

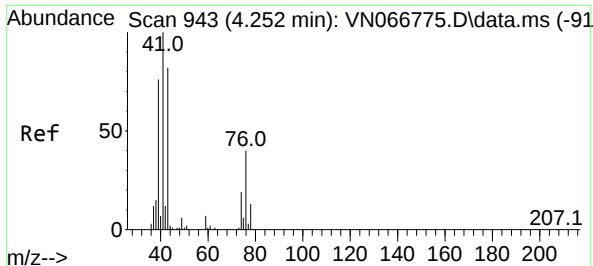
Tgt Ion: 56 Resp: 336
Ion Ratio Lower Upper
56 100
55 78.9 56.0 84.0



#16
Acetone
Concen: 0.72 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 4.260 min Scan# 946

Delta R.T. 0.008 min

Lab File: VN066880.D

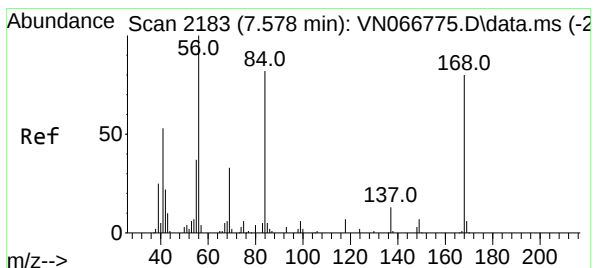
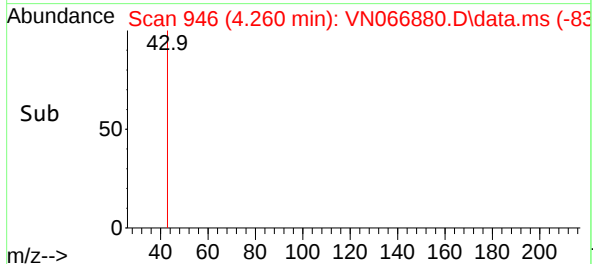
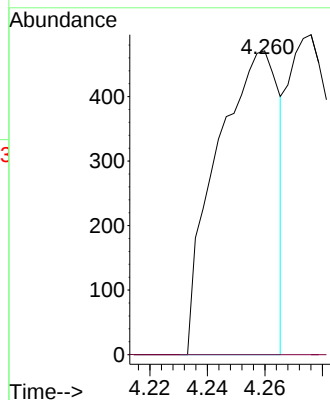
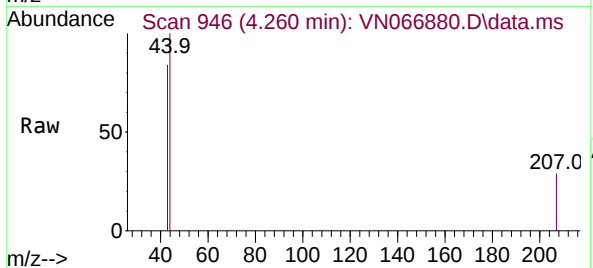
Acq: 29 Apr 2021 23:16

Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.77 ug/l

RT: 7.594 min Scan# 2189

Delta R.T. 0.016 min

Lab File: VN066880.D

Acq: 29 Apr 2021 23:16

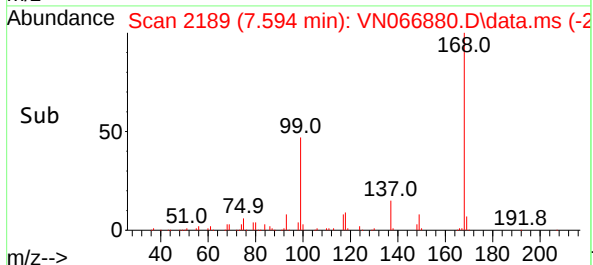
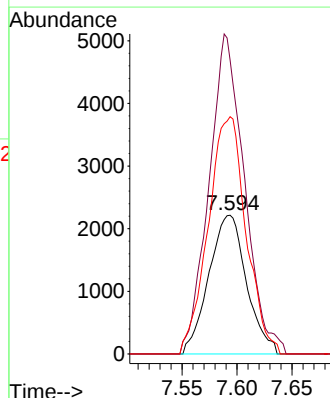
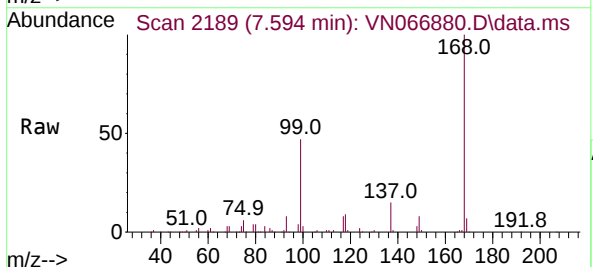
Tgt Ion: 56 Resp: 5277

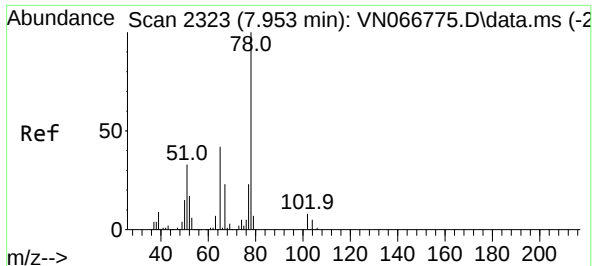
Ion Ratio Lower Upper

56 100

69 211.8 26.6 39.8#

84 171.1 70.4 105.6#

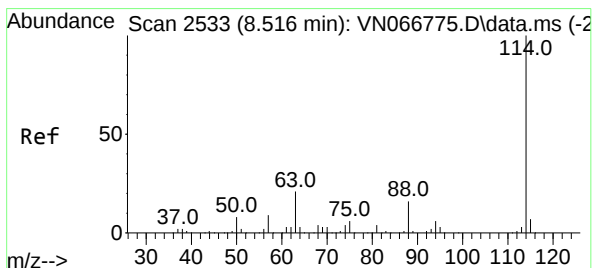
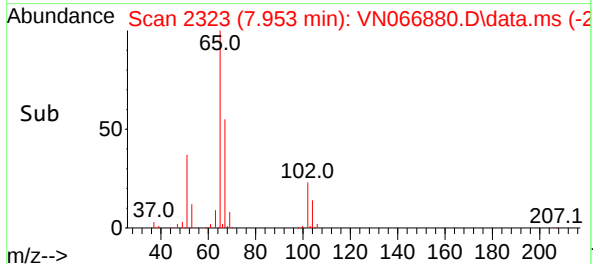
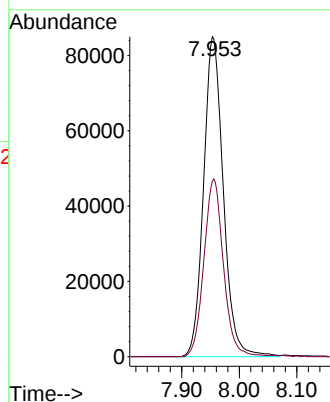
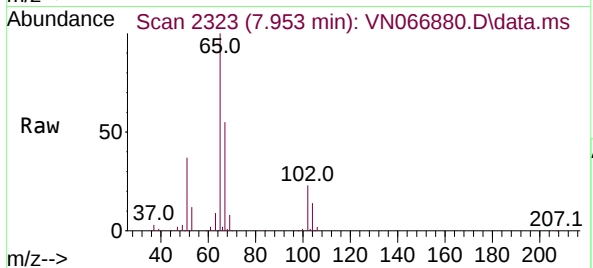




#33
 1,2-Dichloroethane-d4
 Concen: 45.94 ug/l
 RT: 7.953 min Scan# 2323
 Delta R.T. 0.000 min
 Lab File: VN066880.D
 Acq: 29 Apr 2021 23:16

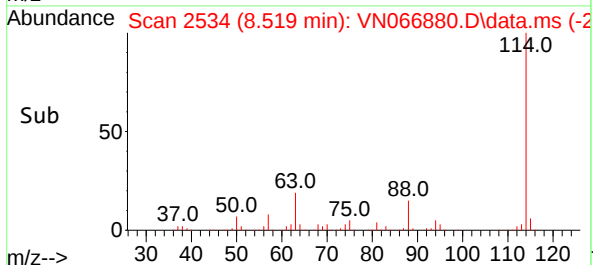
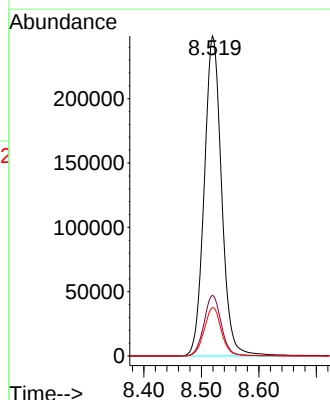
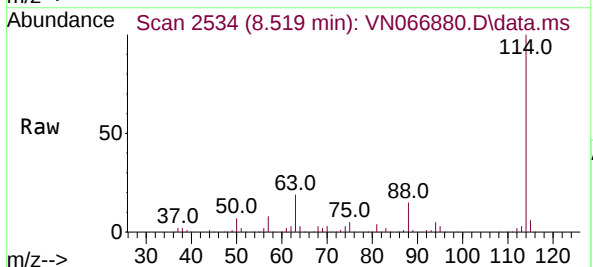
Instrument :
 MSVOA_N
 ClientSampled :

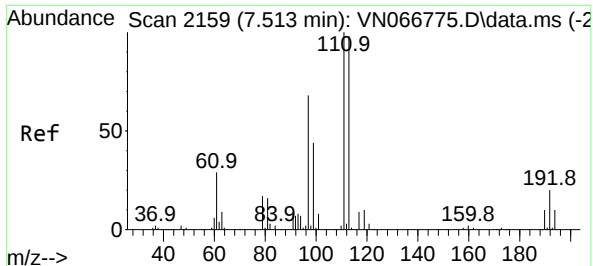
Tgt Ion: 65 Resp: 203043
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.519 min Scan# 2534
 Delta R.T. 0.003 min
 Lab File: VN066880.D
 Acq: 29 Apr 2021 23:16

Tgt Ion: 114 Resp: 520784
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.1 0.0 30.6

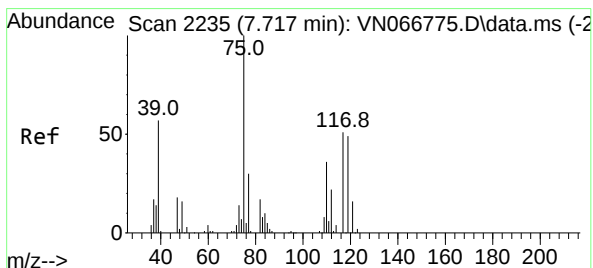
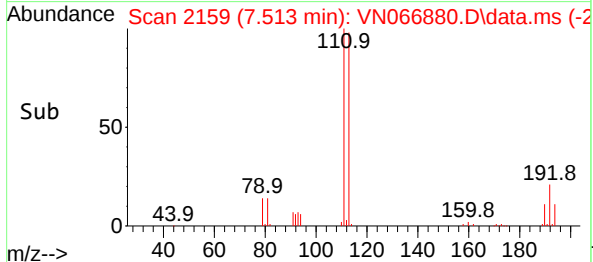
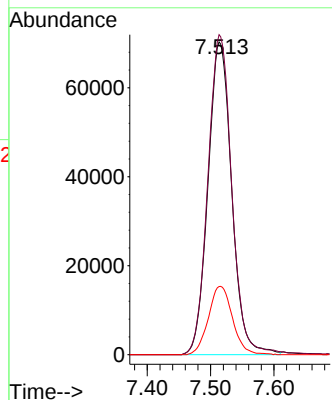
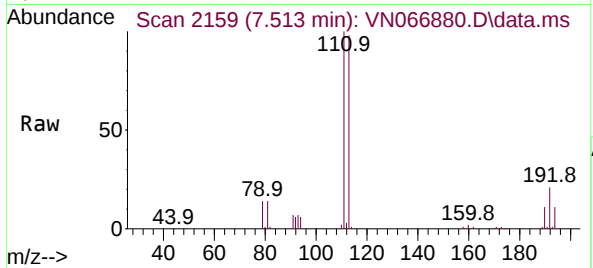




#35
Dibromofluoromethane
Concen: 56.91 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

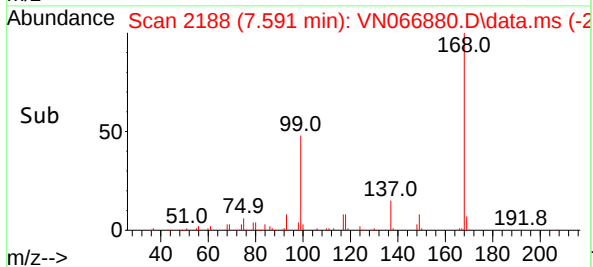
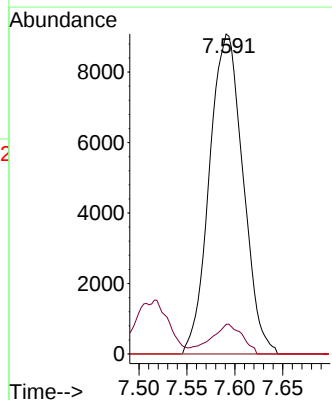
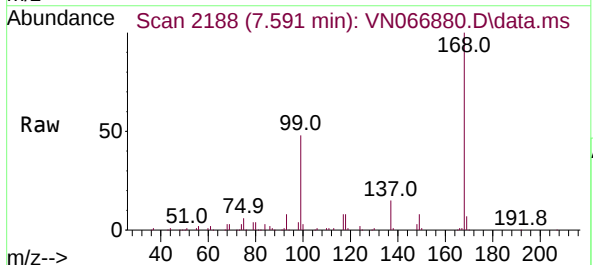
Instrument :
MSVOA_N
ClientSampleId :

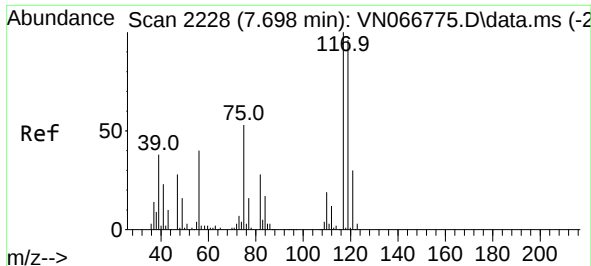
Tgt Ion:113 Resp: 182964
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 22.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

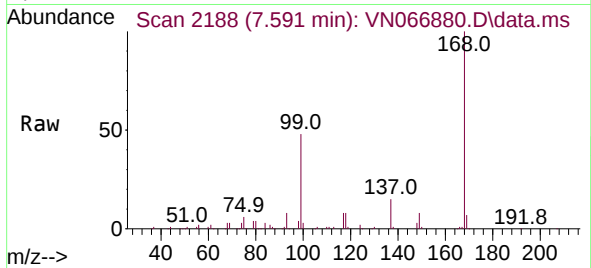
Tgt Ion: 75 Resp: 22118
Ion Ratio Lower Upper
75 100
110 8.7 18.2 54.6#
77 0.0 24.9 37.3#



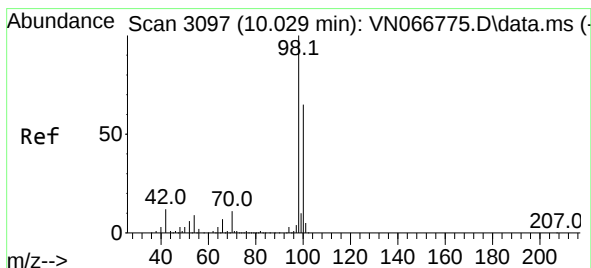
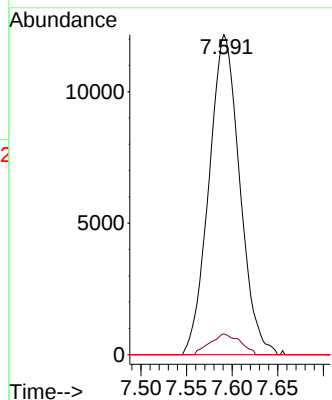
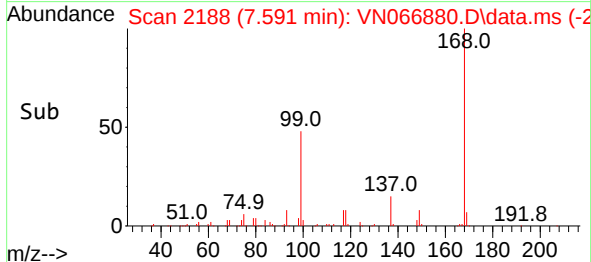


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

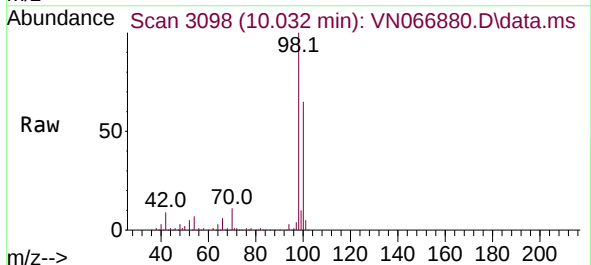
Instrument :
MSVOA_N
ClientSampleId :



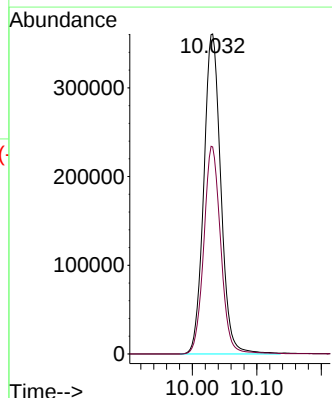
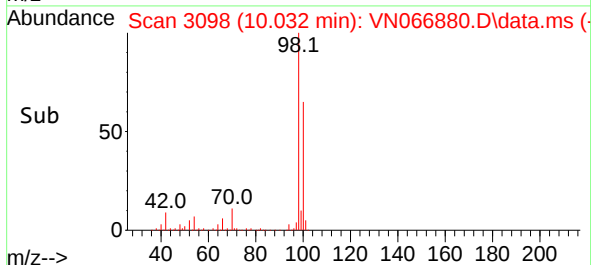
Tgt Ion:117 Resp: 28546
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.5 36.7#

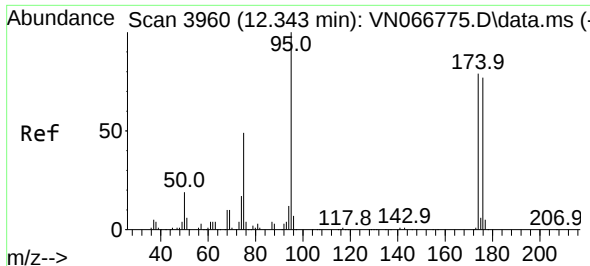


#50
Toluene-d8
Concen: 52.64 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16



Tgt Ion: 98 Resp: 664167
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

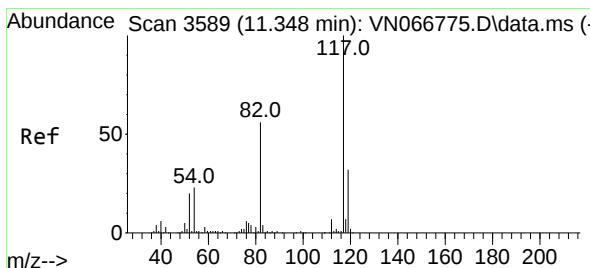
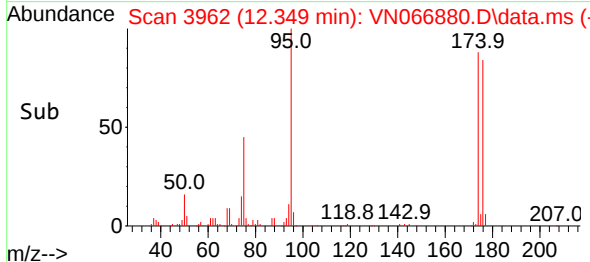
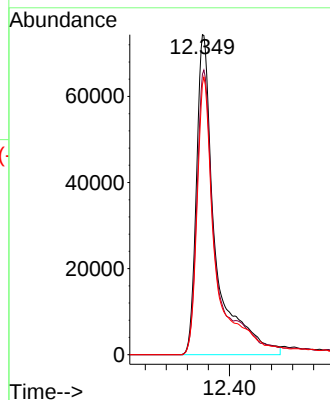
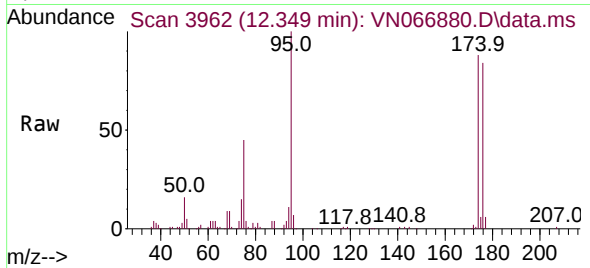




#62
4-Bromofluorobenzene
Concen: 43.48 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

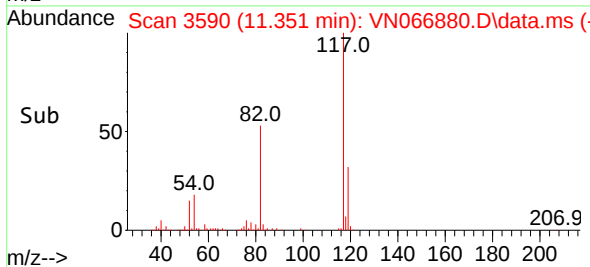
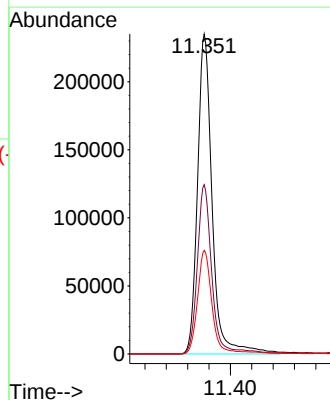
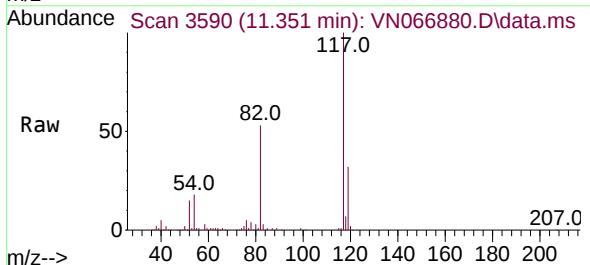
Instrument :
MSVOA_N
ClientSampleId :

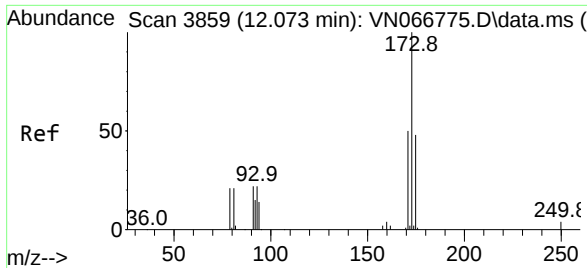
Tgt Ion: 95 Resp: 185643
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.0
176 83.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Tgt Ion: 117 Resp: 448369
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.4 26.1 39.1

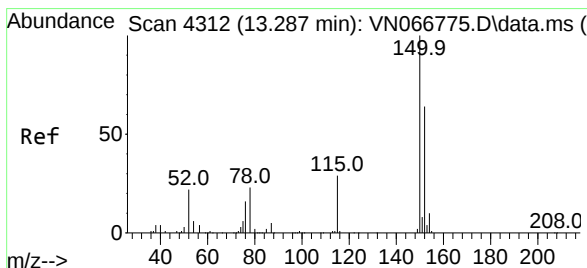
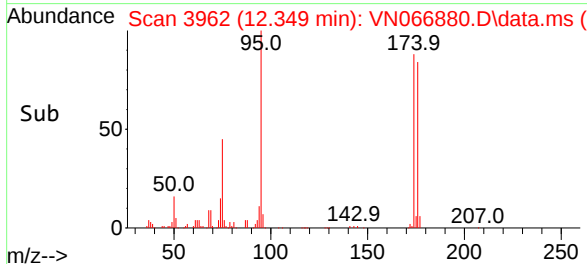
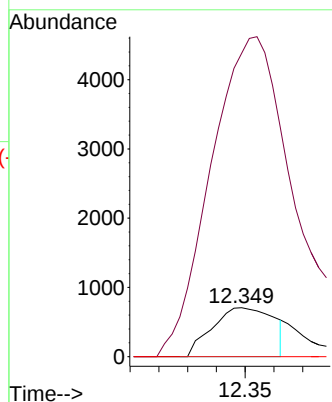
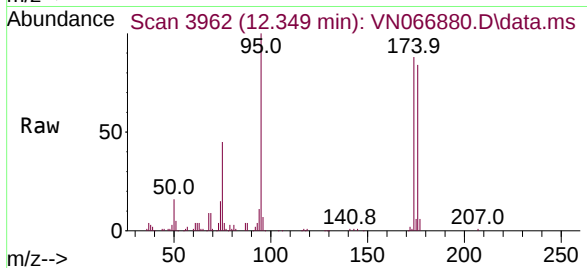




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.276 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

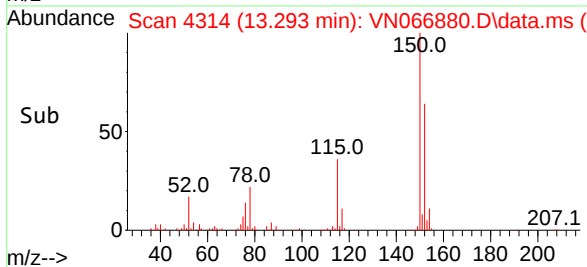
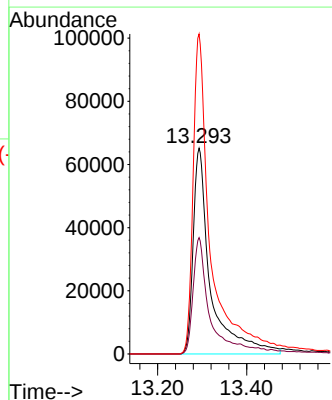
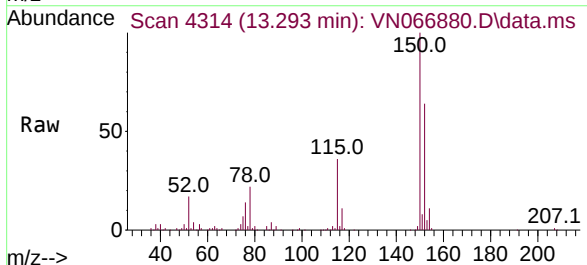
Instrument :
MSVOA_N
ClientSampled :

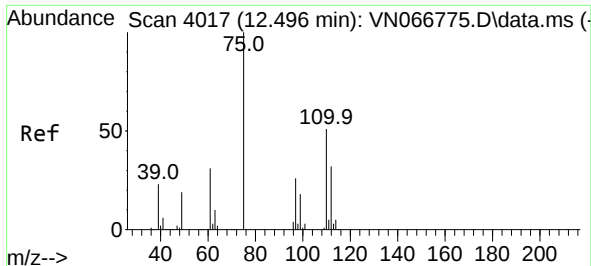
Tgt Ion:173 Resp: 1051
Ion Ratio Lower Upper
173 100
175 688.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Tgt Ion:152 Resp: 177476
Ion Ratio Lower Upper
152 100
115 49.6 28.5 85.6
150 155.6 0.0 347.6

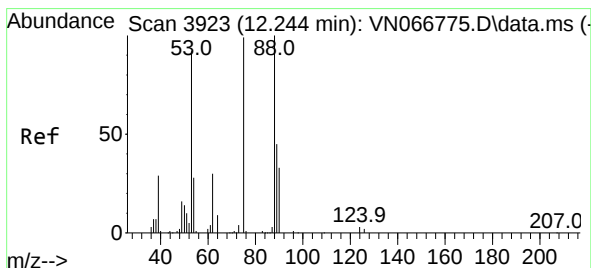
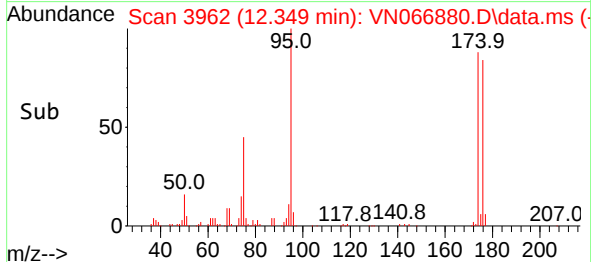
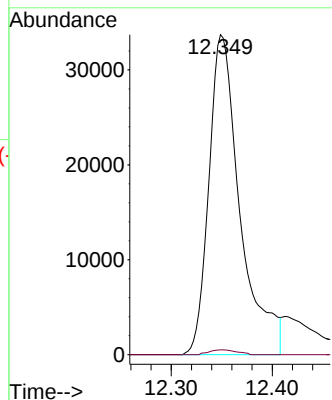
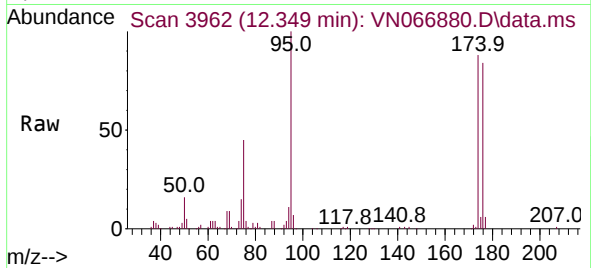




#76
1,2,3-Trichloropropane
Concen: 19.33 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

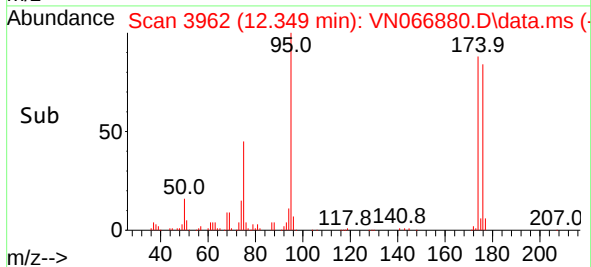
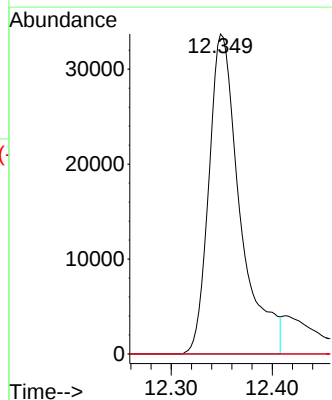
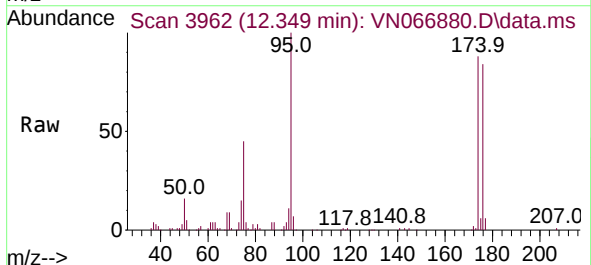
Instrument :
MSVOA_N
ClientSampled :

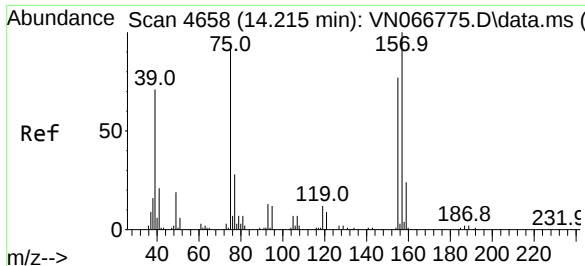
Tgt Ion: 75 Resp: 72291
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.44 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

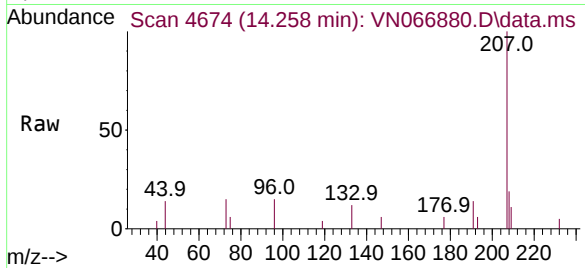
Tgt Ion: 75 Resp: 72291
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



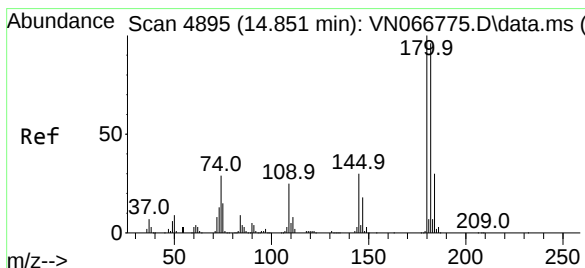
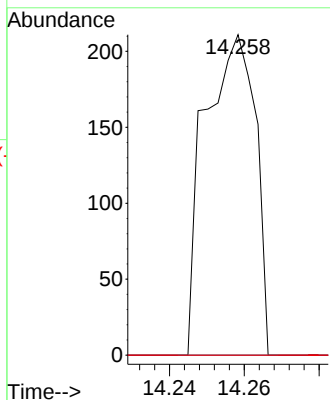
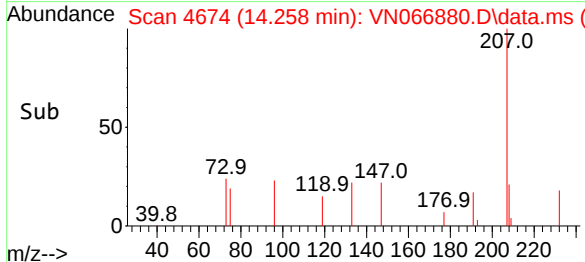


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.26 ug/l
RT: 14.258 min Scan# 4674
Delta R.T. 0.043 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

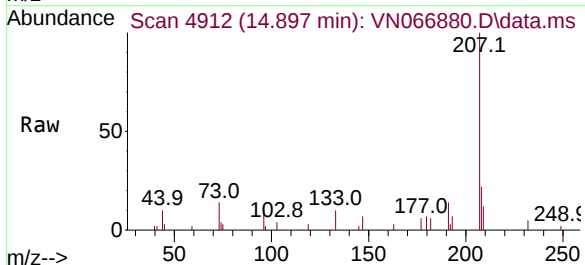
Instrument :
MSVOA_N
ClientSampled :



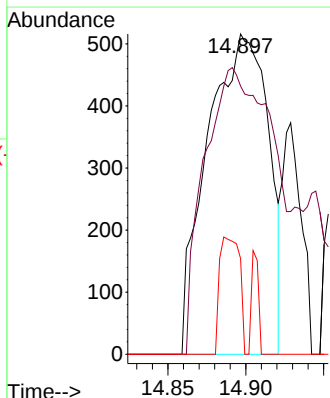
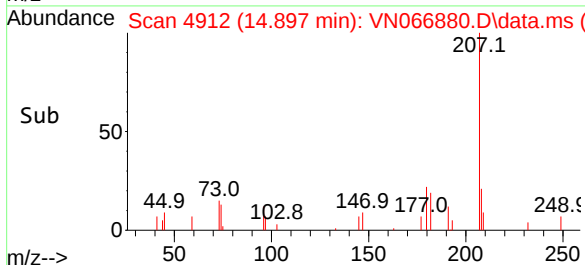
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 0.0 44.1 132.4#
157 0.0 56.0 168.2#

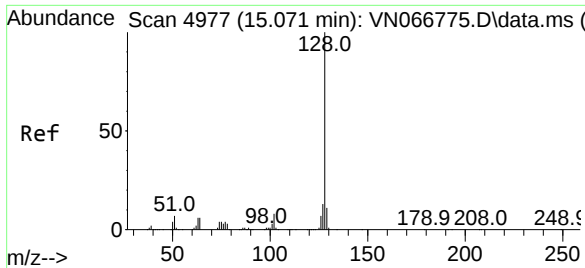


#93
1,2,4-Trichlorobenzene
Concen: 0.46 ug/l
RT: 14.897 min Scan# 4912
Delta R.T. 0.046 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16



Tgt Ion: 180 Resp: 1400
Ion Ratio Lower Upper
180 100
182 102.4 47.3 142.0
145 12.0 15.6 46.8#

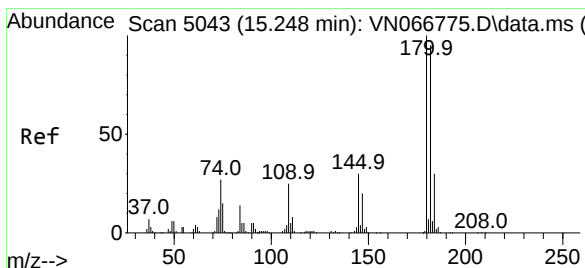
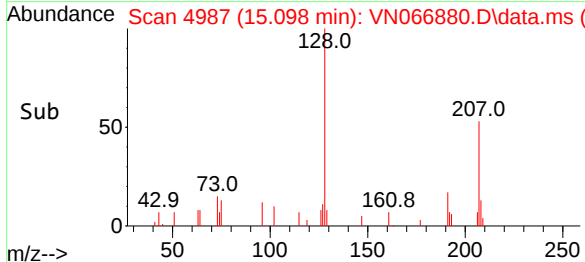
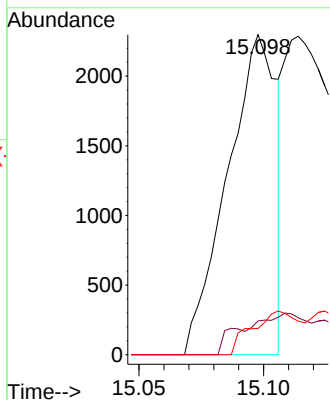
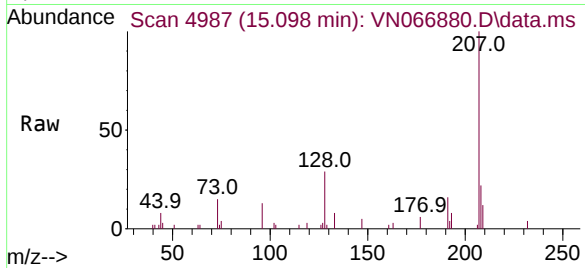




#95
Naphthalene
Concen: 0.40 ug/l
RT: 15.098 min Scan# 4987
Delta R.T. 0.027 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 3128
Ion Ratio Lower Upper
128 100
127 6.8 10.2 15.2#
129 13.3 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.80 ug/l
RT: 15.277 min Scan# 5054
Delta R.T. 0.029 min
Lab File: VN066880.D
Acq: 29 Apr 2021 23:16

Tgt Ion:180 Resp: 2375
Ion Ratio Lower Upper
180 100
182 45.9 47.4 142.3#
145 0.0 16.5 49.5#

