

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066884.D
 Acq On : 30 Apr 2021 00:52
 Operator : JC/MD
 Sample : M2137-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:18:42 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)

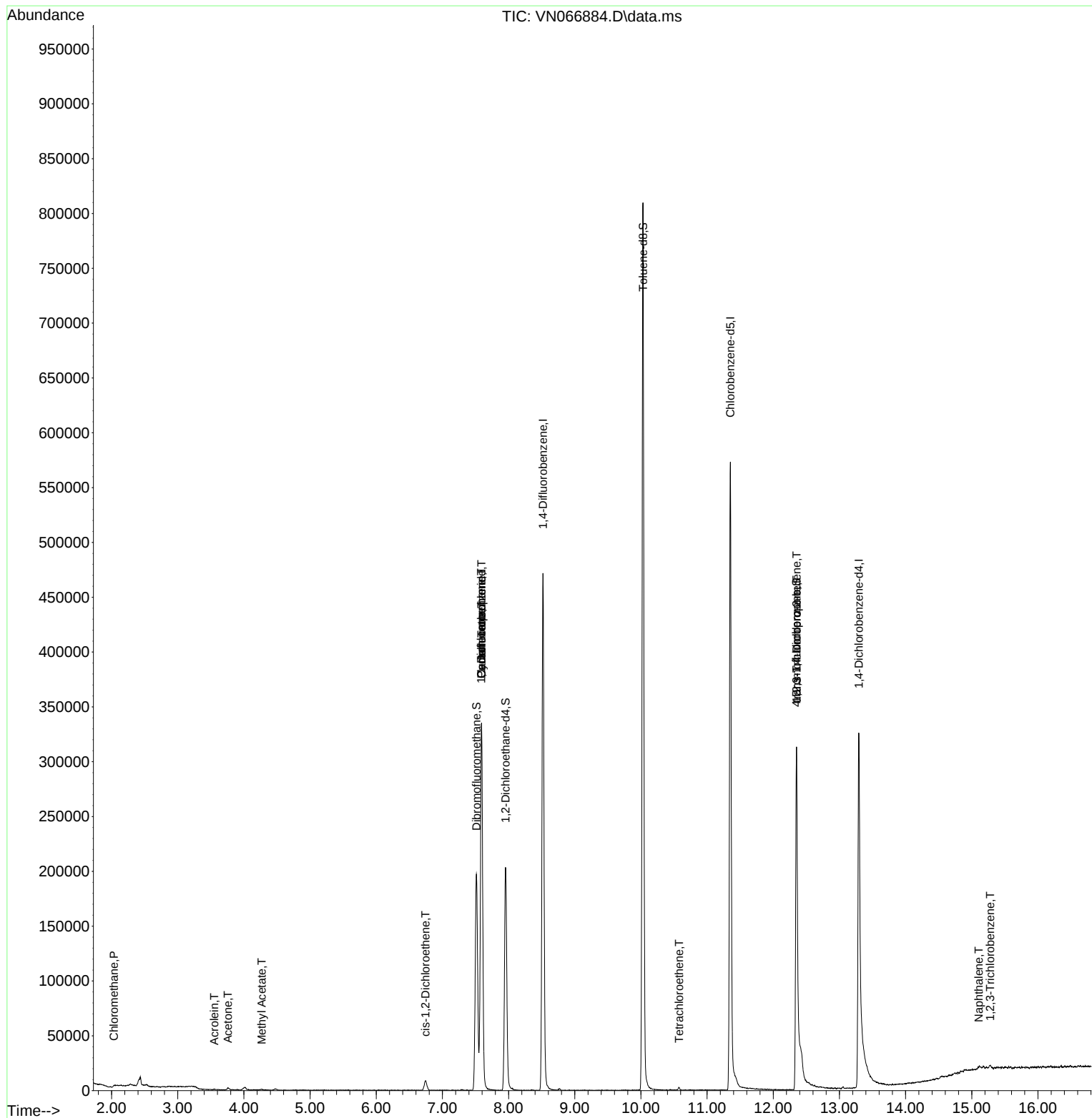
Internal Standards						
1) Pentafluorobenzene	7.591	168	302476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	453861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	394457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	157838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	177515	45.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.36%		
35) Dibromofluoromethane	7.516	113	161529	57.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	115.32%		
50) Toluene-d8	10.032	98	588302	53.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.00%		
62) 4-Bromofluorobenzene	12.349	95	165103	44.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.74%		
Target Compounds						
						Qvalue
3) Chloromethane	2.037	50	882	0.20	ug/l	94
13) Acrolein	3.552	56	403	0.81	ug/l #	74
16) Acetone	3.758	43	3042	2.07	ug/l #	87
18) Methyl Acetate	4.268	43	1066	1.38	ug/l #	51
27) cis-1,2-Dichloroethene	6.743	96	6281	1.67	ug/l	88
31) Cyclohexane	7.591	56	4737	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.588	75	19274	4.57	ug/l #	49
38) Carbon Tetrachloride	7.591	117	25199	6.23	ug/l #	18
64) Tetrachloroethene	10.576	164	682	0.26	ug/l #	84
76) 1,2,3-Trichloropropane	12.351	75	63800	19.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.351	75	63800	53.08	ug/l #	12
95) Naphthalene	15.106	128	5007	0.71	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.277	180	1376	0.52	ug/l	61

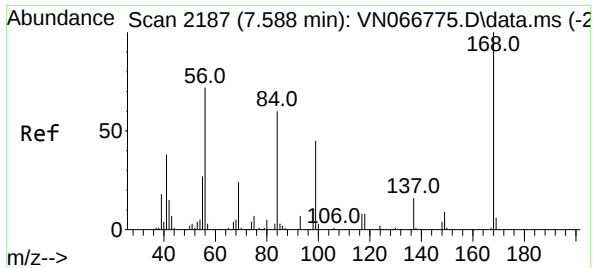
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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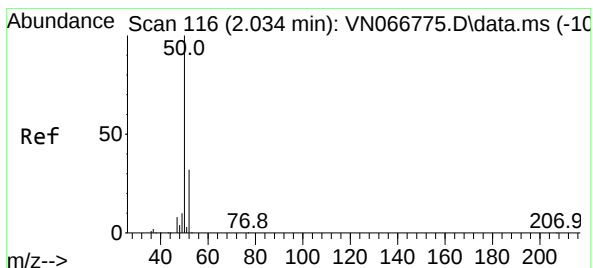
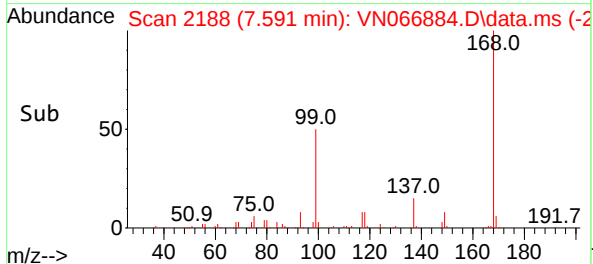
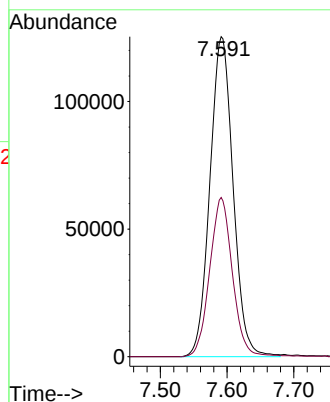
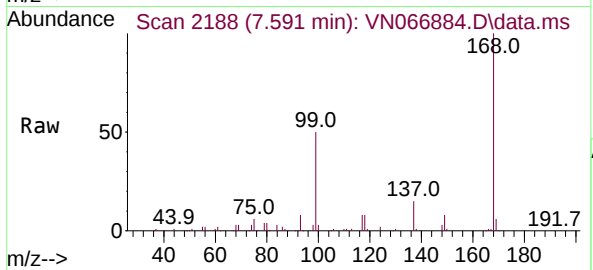




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

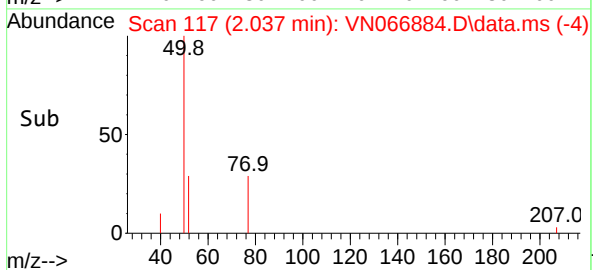
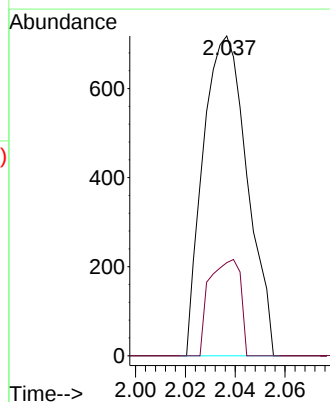
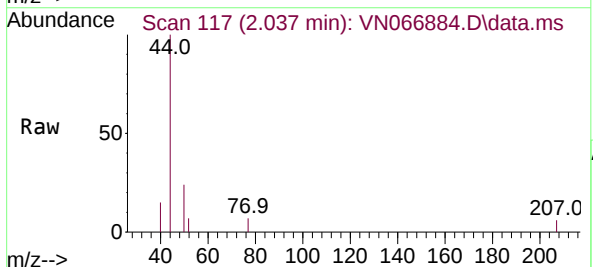
Instrument :
MSVOA_N
ClientSampled :

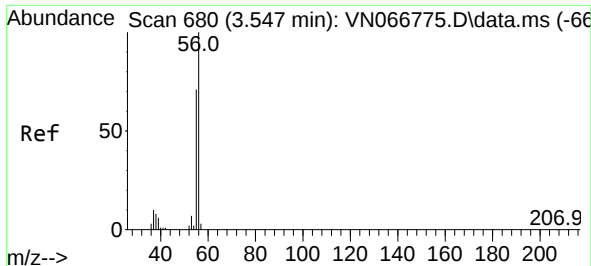
Tgt Ion:168 Resp: 302476
Ion Ratio Lower Upper
168 100
99 49.7 42.6 63.8



#3
Chloromethane
Concen: 0.20 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Tgt Ion: 50 Resp: 882
Ion Ratio Lower Upper
50 100
52 29.1 25.8 38.8

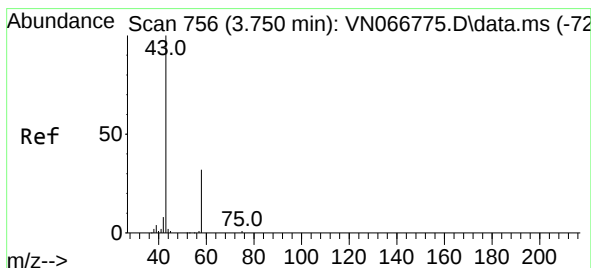
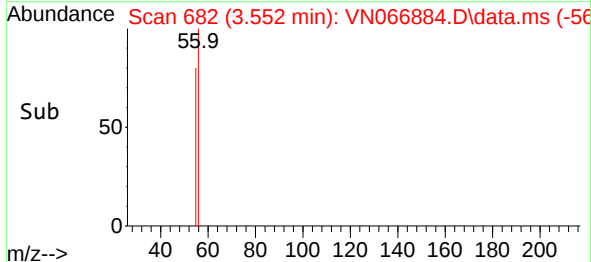
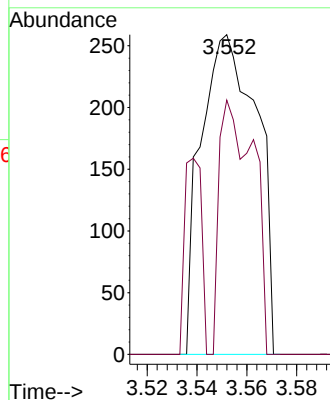
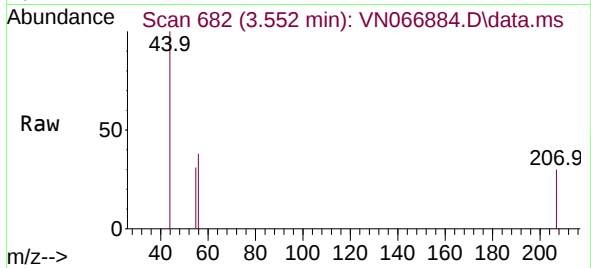




#13
Acrolein
Concen: 0.81 ug/l
RT: 3.552 min Scan# 682
Delta R.T. 0.005 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

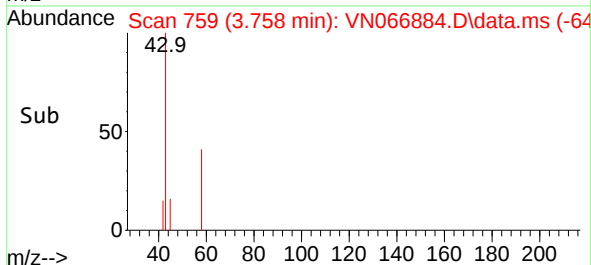
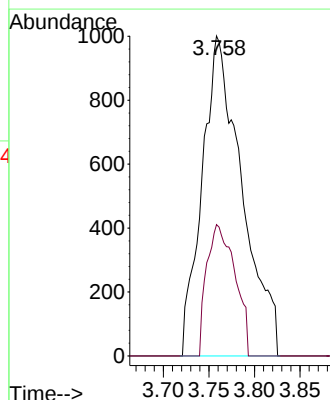
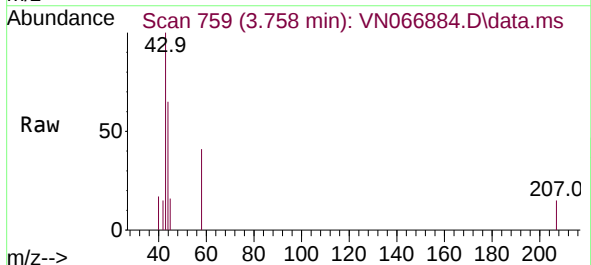
Instrument :
MSVOA_N
ClientSampled :

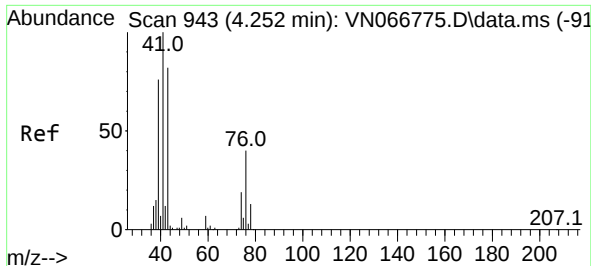
Tgt Ion: 56 Resp: 403
Ion Ratio Lower Upper
56 100
55 48.9 56.0 84.0#



#16
Acetone
Concen: 2.07 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
58 41.1 27.0 40.6#





#18

Methyl Acetate

Concen: 1.38 ug/l

RT: 4.268 min Scan# 949

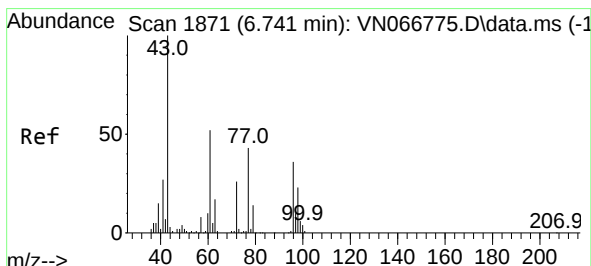
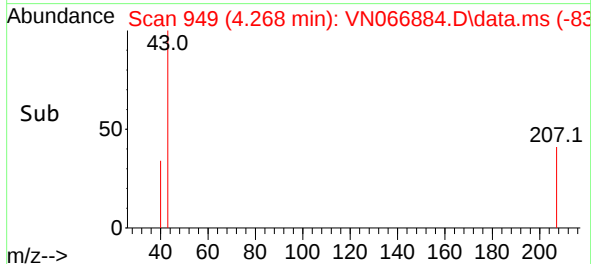
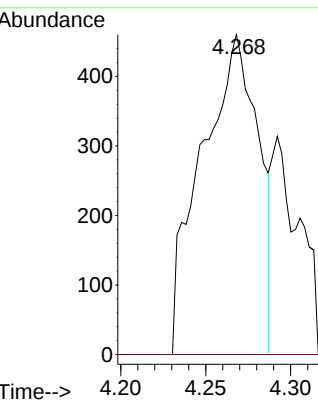
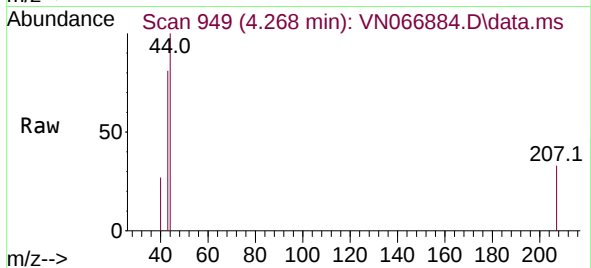
Delta R.T. 0.016 min

Lab File: VN066884.D

Acq: 30 Apr 2021 00:52

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#27

cis-1,2-Dichloroethene

Concen: 1.67 ug/l

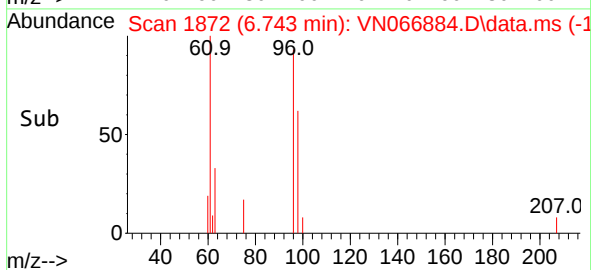
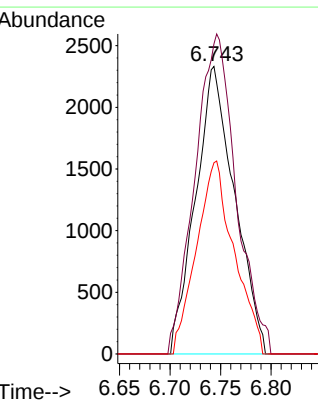
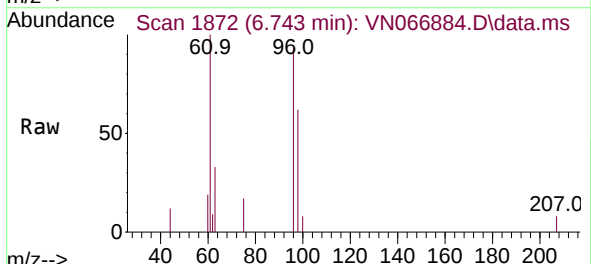
RT: 6.743 min Scan# 1872

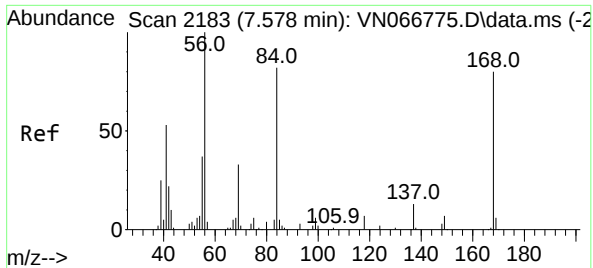
Delta R.T. 0.002 min

Lab File: VN066884.D

Acq: 30 Apr 2021 00:52

Tgt Ion: 96 Resp: 6281
Ion Ratio Lower Upper
96 100
61 116.9 0.0 276.8
98 64.5 0.0 129.4

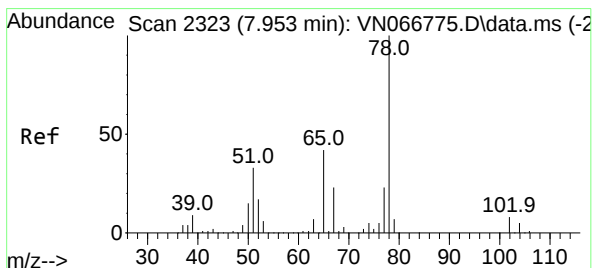
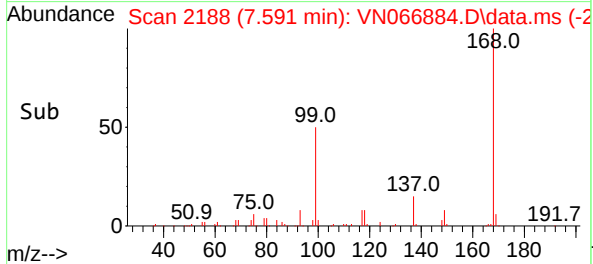
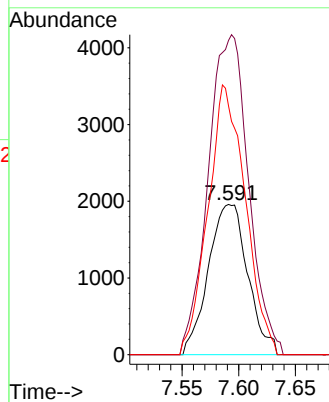
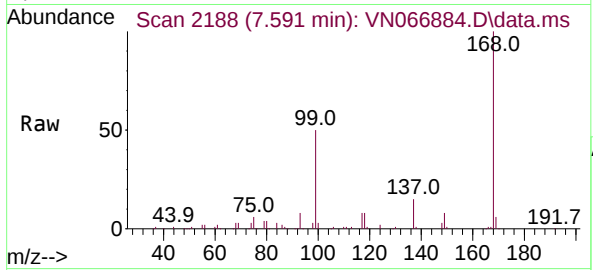




#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

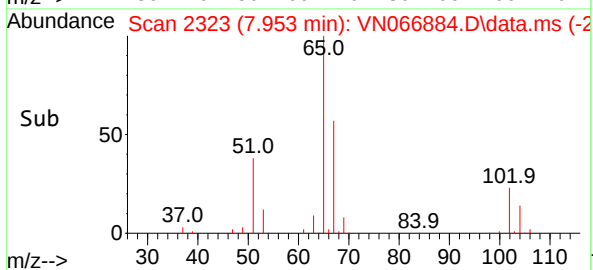
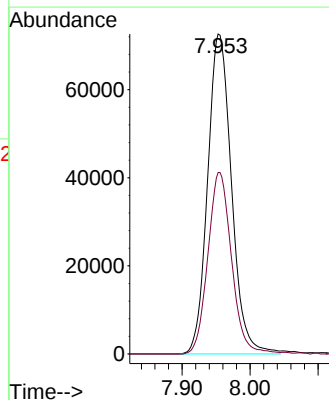
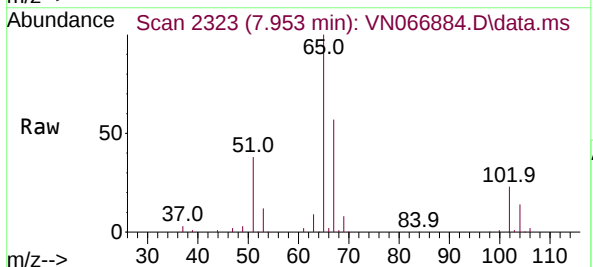
Instrument :
MSVOA_N
ClientSampled :

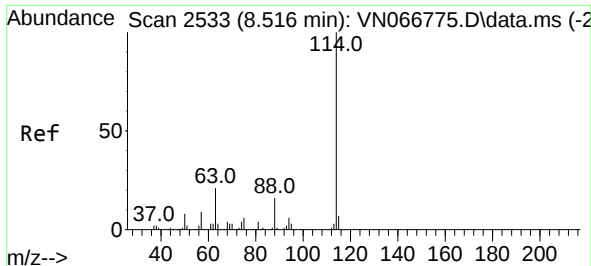
Tgt Ion: 56 Resp: 4737
Ion Ratio Lower Upper
56 100
69 209.2 26.6 39.8#
84 165.6 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 45.68 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Tgt Ion: 65 Resp: 177515
Ion Ratio Lower Upper
65 100
67 56.1 0.0 107.2

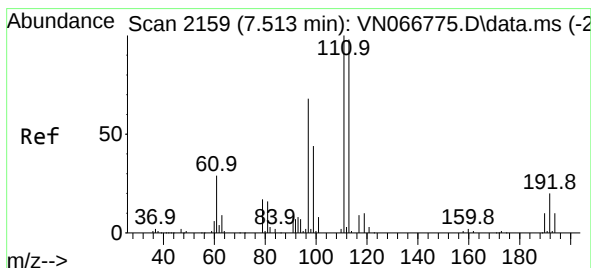
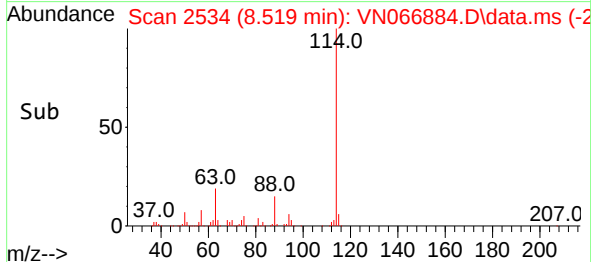
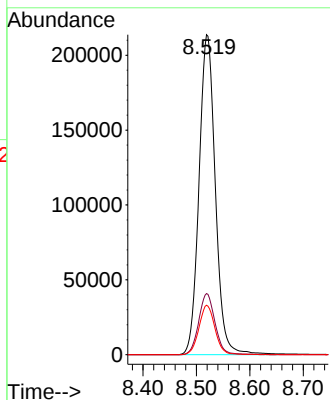
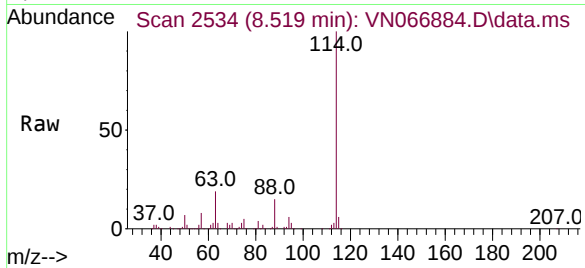




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

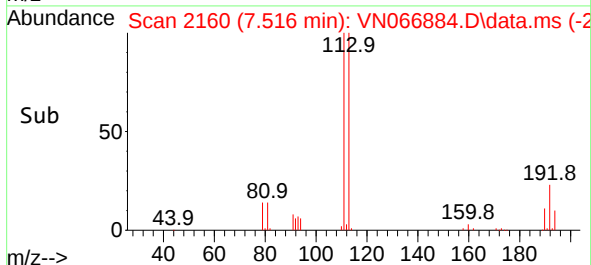
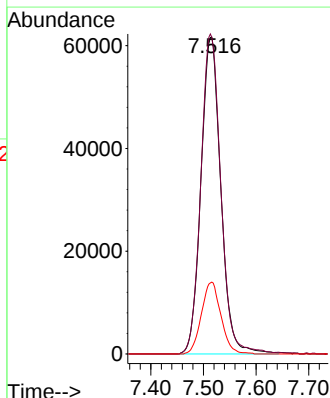
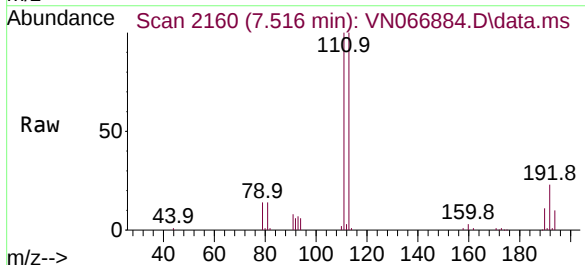
Instrument :
MSVOA_N
ClientSampled :

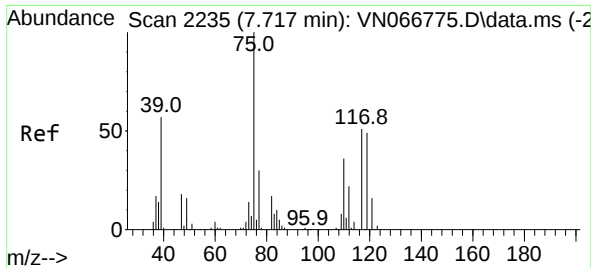
Tgt Ion:114 Resp: 453861
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.66 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Tgt Ion:113 Resp: 161529
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 22.3 15.4 23.0

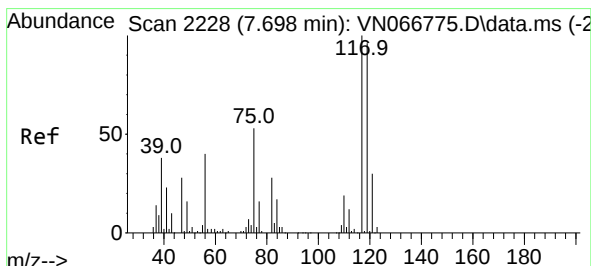
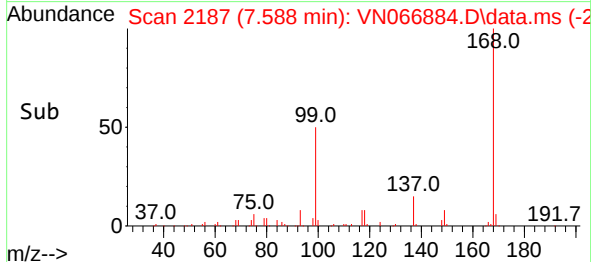
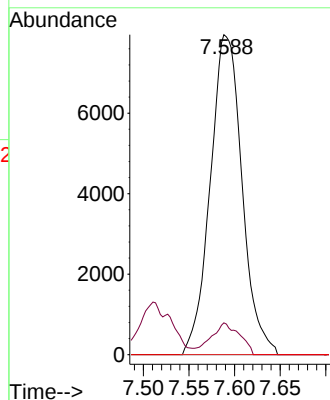
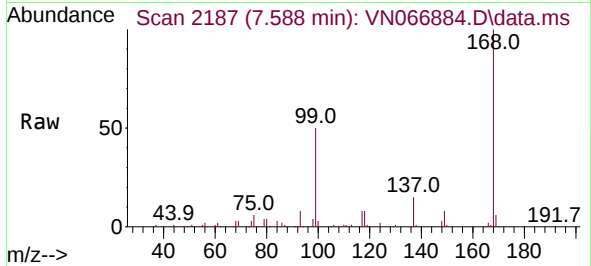




#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.588 min Scan# 2187
Delta R.T. -0.129 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

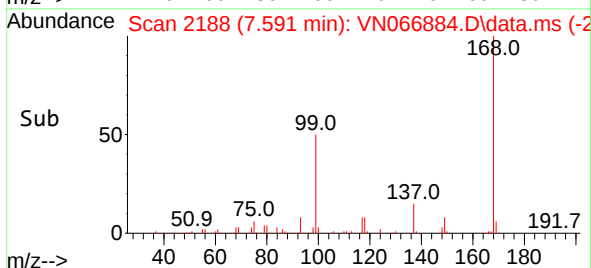
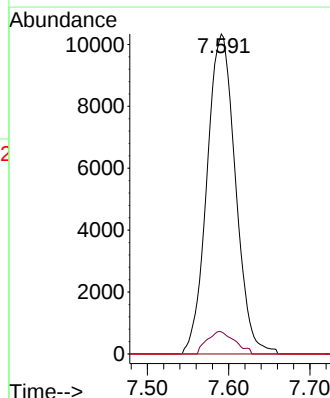
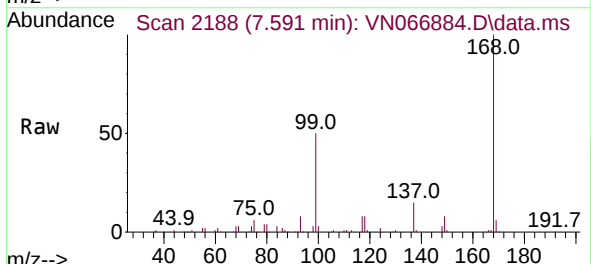
Instrument :
MSVOA_N
ClientSampled :

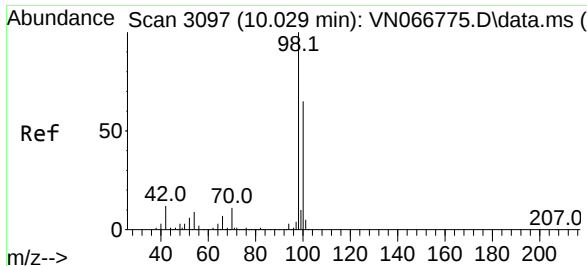
Tgt Ion: 75 Resp: 19274
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.107 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Tgt Ion: 117 Resp: 25199
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.5 36.7#

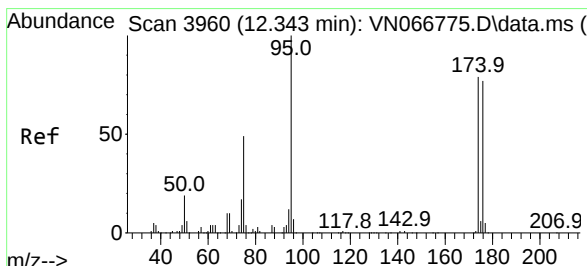
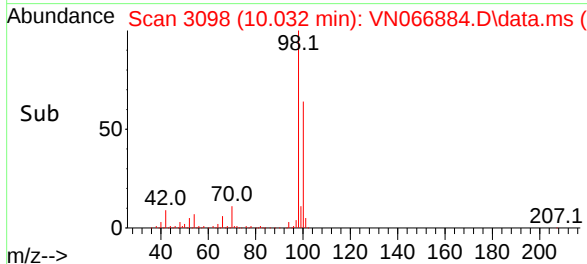
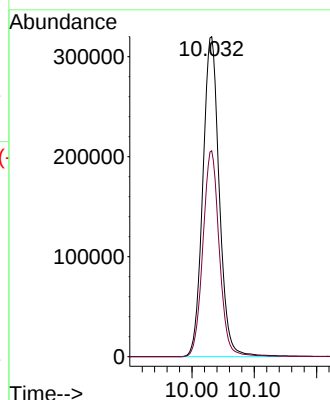
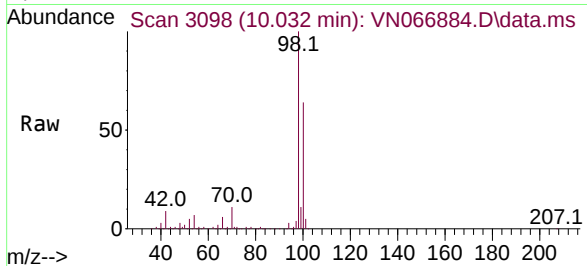




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

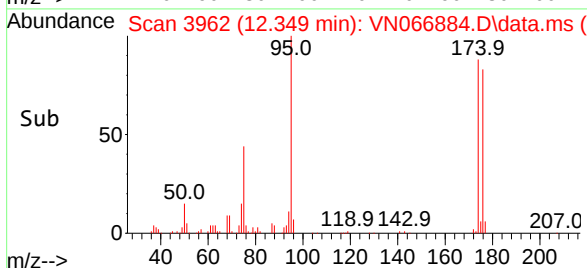
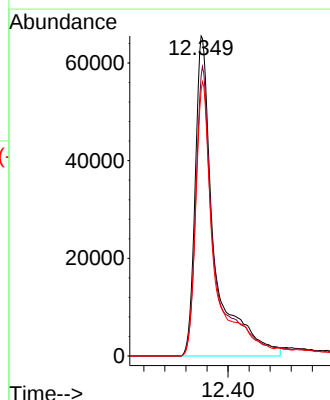
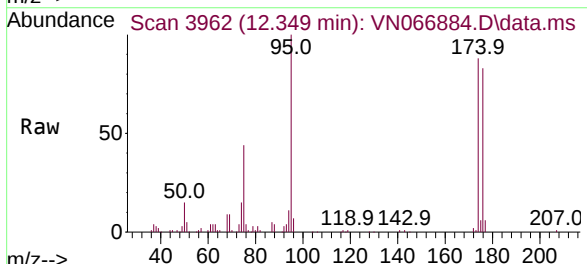
Instrument :
MSVOA_N
ClientSampled :

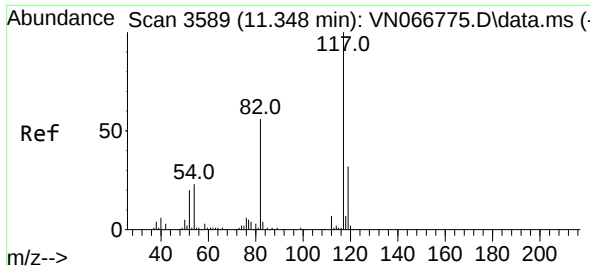
Tgt Ion: 98 Resp: 588302
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

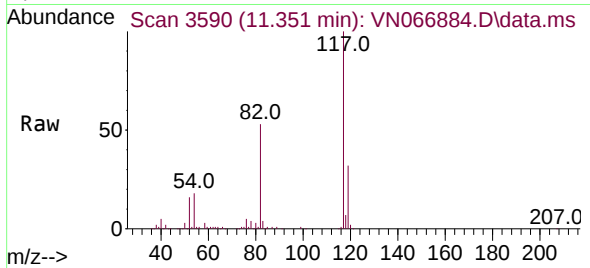
Tgt Ion: 95 Resp: 165103
Ion Ratio Lower Upper
95 100
174 88.5 0.0 169.0
176 84.6 0.0 162.4



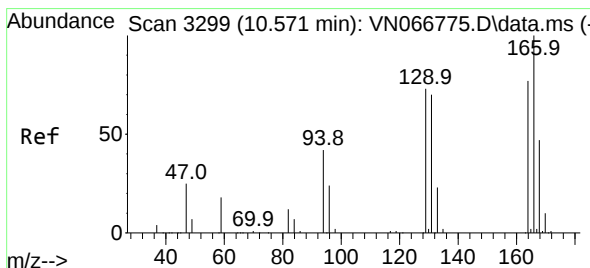
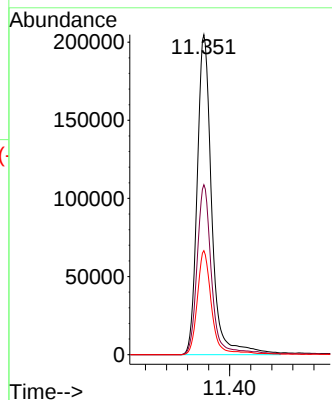
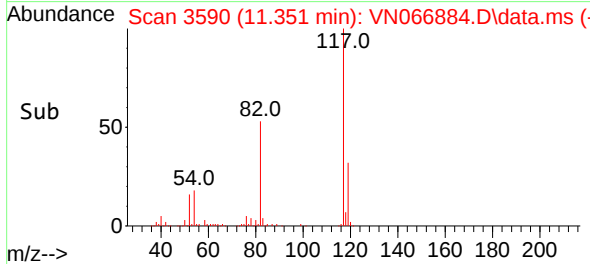


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

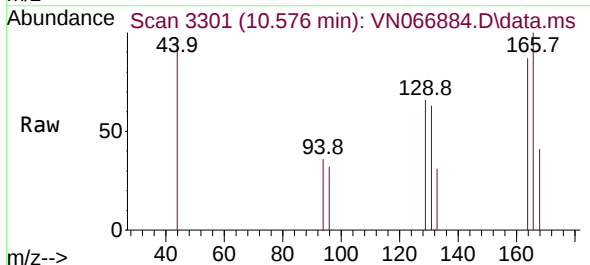
Instrument :
MSVOA_N
ClientSampleId :



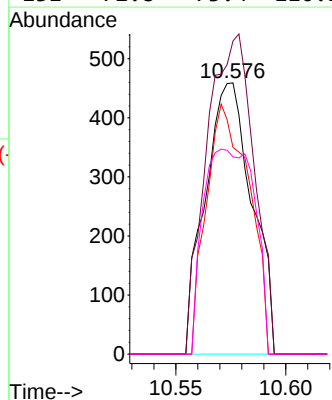
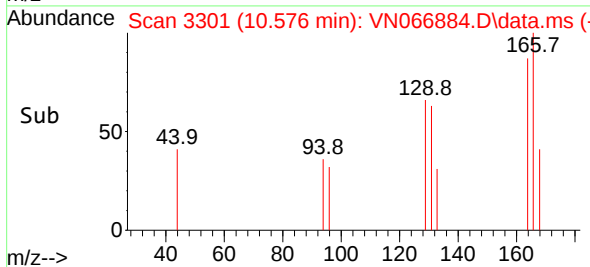
Tgt Ion:117 Resp: 394457
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.5 26.1 39.1

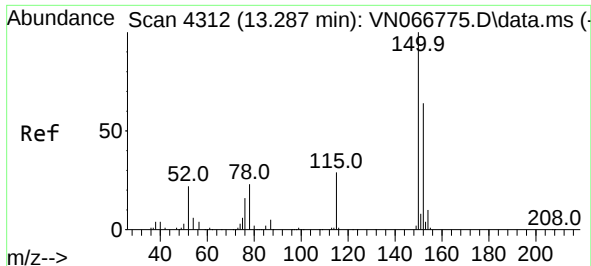


#64
Tetrachloroethene
Concen: 0.26 ug/l
RT: 10.576 min Scan# 3301
Delta R.T. 0.005 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52



Tgt Ion:164 Resp: 682
Ion Ratio Lower Upper
164 100
166 115.5 102.6 154.0
129 76.3 76.2 114.4
131 72.8 73.4 110.2#

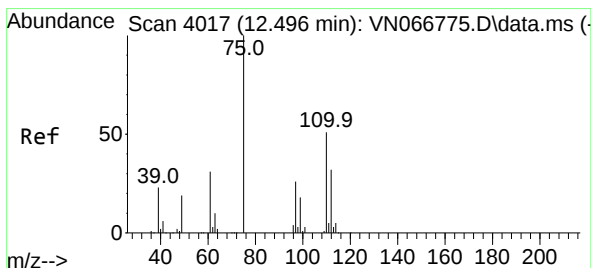
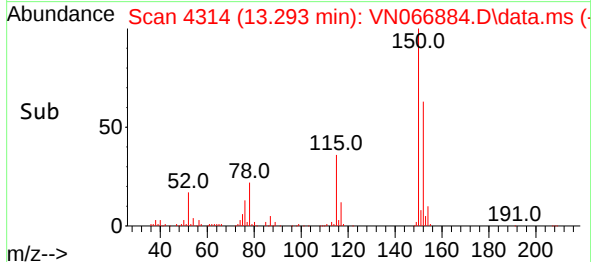
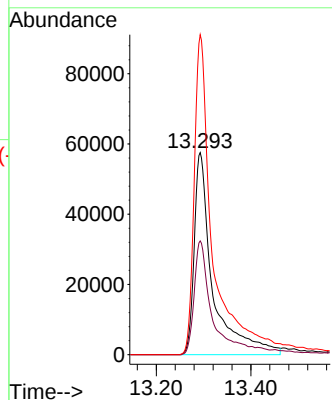
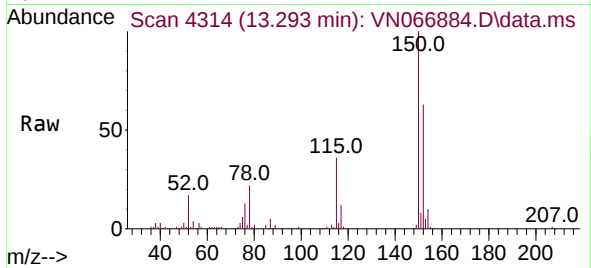




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

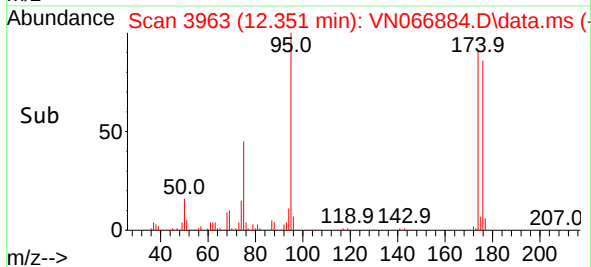
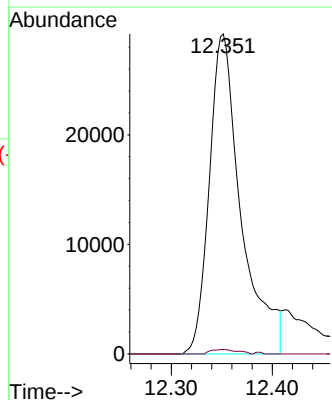
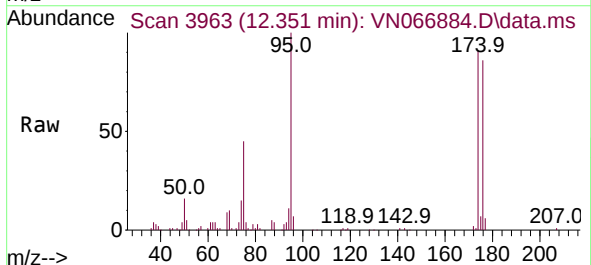
Instrument :
MSVOA_N
ClientSampled :

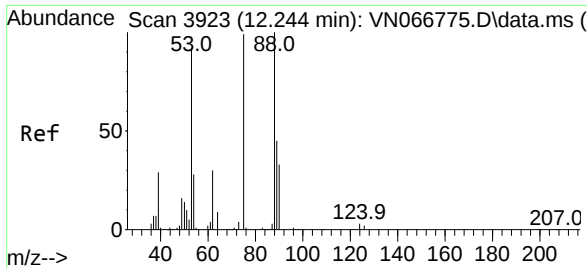
Tgt Ion:152 Resp: 157838
Ion Ratio Lower Upper
152 100
115 52.6 28.5 85.6
150 161.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 19.18 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. -0.145 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

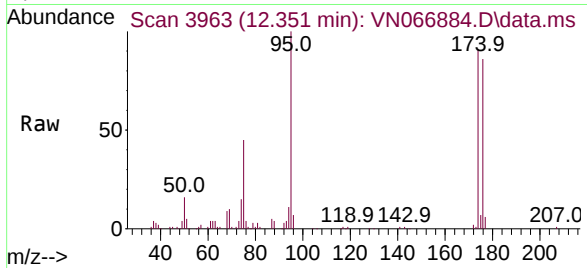
Tgt Ion: 75 Resp: 63800
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



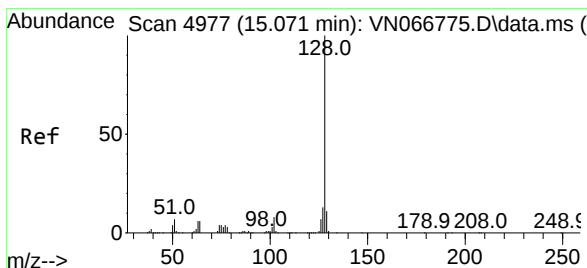
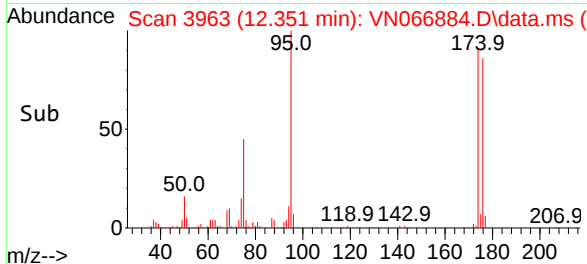
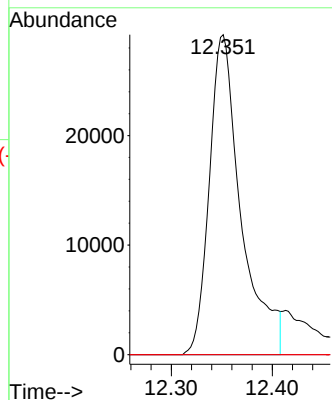


#81
trans-1,4-Dichloro-2-butene
Concen: 53.08 ug/l
RT: 12.351 min Scan# 3963
Delta R.T. 0.107 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

Instrument :
MSVOA_N
ClientSampleId :

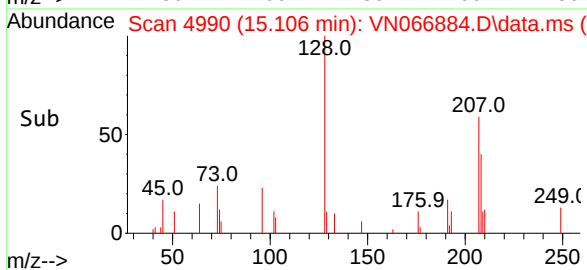
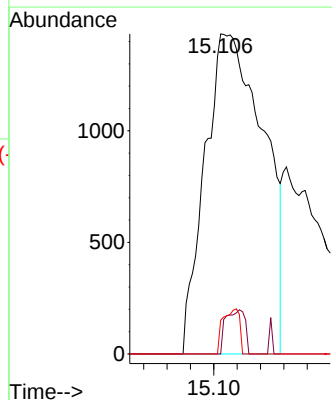
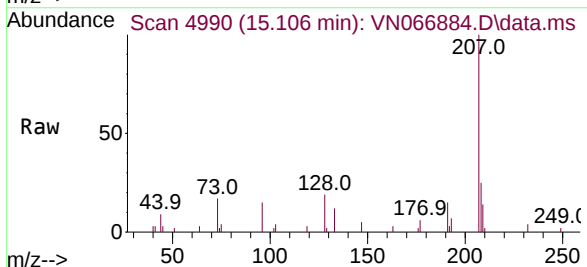


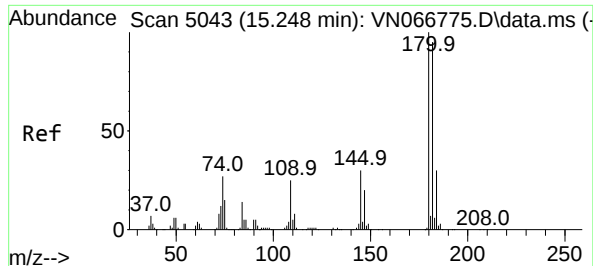
Tgt Ion: 75 Resp: 63800
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#95
Naphthalene
Concen: 0.71 ug/l
RT: 15.106 min Scan# 4990
Delta R.T. 0.035 min
Lab File: VN066884.D
Acq: 30 Apr 2021 00:52

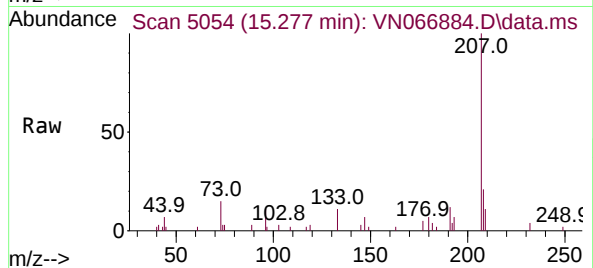
Tgt Ion: 128 Resp: 5007
Ion Ratio Lower Upper
128 100
127 4.5 10.2 15.2#
129 4.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.52 ug/l
 RT: 15.277 min Scan# 5054
 Delta R.T. 0.029 min
 Lab File: VN066884.D
 Acq: 30 Apr 2021 00:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1376
Ion Ratio	Lower	Upper	
180	100		
182	48.8	47.4	142.3
145	24.5	16.5	49.5

