

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066863.D
 Acq On : 29 Apr 2021 15:40
 Operator : JC/MD
 Sample : M2138-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 30 06:15:17 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)

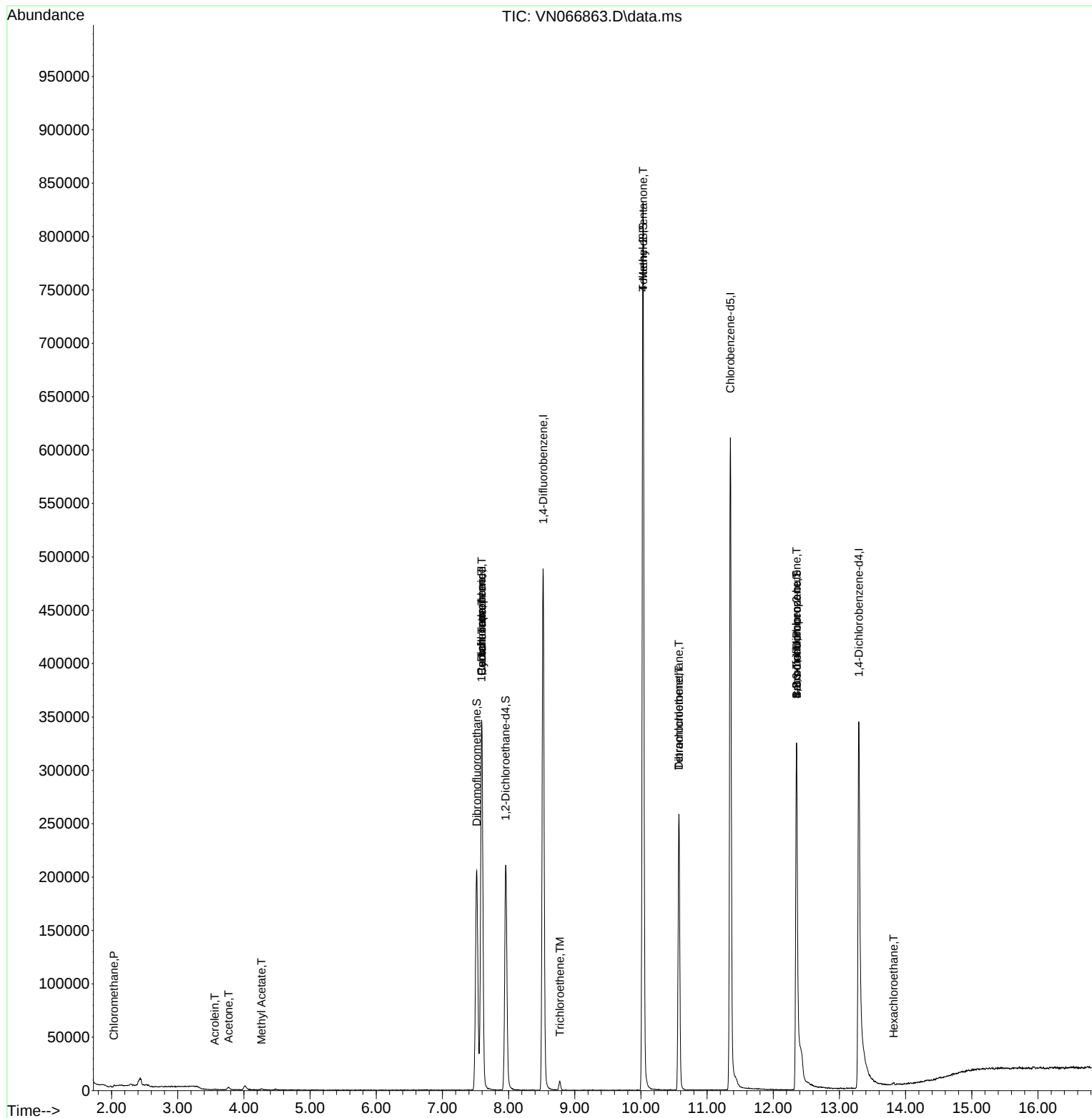
Internal Standards						
1) Pentafluorobenzene	7.594	168	311748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.522	114	473290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	417127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	167436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	183122	45.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.44%			
35) Dibromofluoromethane	7.519	113	164404	56.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.54%			
50) Toluene-d8	10.032	98	608709	53.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.16%			
62) 4-Bromofluorobenzene	12.352	95	170226	43.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.74%			
Target Compounds						
						Qvalue
3) Chloromethane	2.037	50	915	0.21	ug/l	93
13) Acrolein	3.557	56	400	0.78	ug/l #	30
16) Acetone	3.767	43	4129	2.73	ug/l	90
18) Methyl Acetate	4.265	43	2358	1.68	ug/l #	79
31) Cyclohexane	7.594	56	4876	0.79	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	20238	4.60	ug/l #	48
38) Carbon Tetrachloride	7.594	117	26417	6.26	ug/l #	18
44) Trichloroethene	8.774	130	3543	1.07	ug/l	87
51) 4-Methyl-2-Pentanone	10.032	43	2259	0.56	ug/l #	1
60) Dibromochloromethane	10.573	129	57326	16.69	ug/l #	11
64) Tetrachloroethene	10.573	164	67382	24.43	ug/l	96
71) Bromoform	12.352	173	849	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.352	75	75223	21.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.352	75	75223	58.20	ug/l #	12
90) Hexachloroethane	13.819	117	755	0.37	ug/l	77

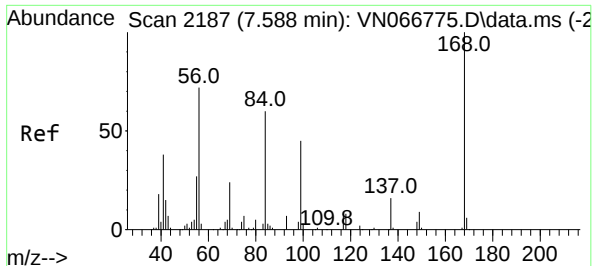
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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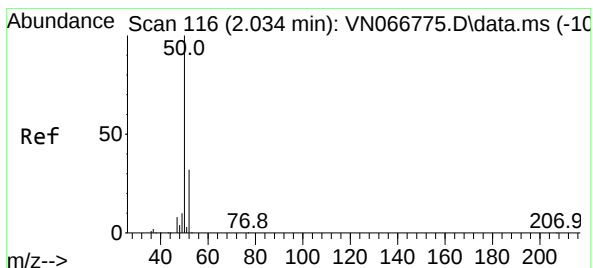
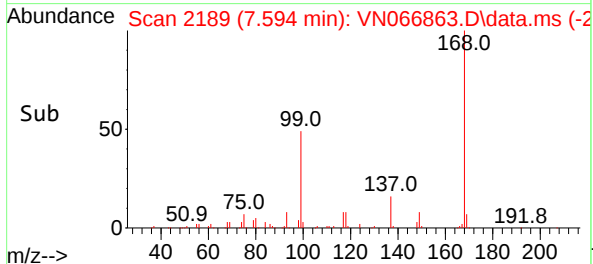
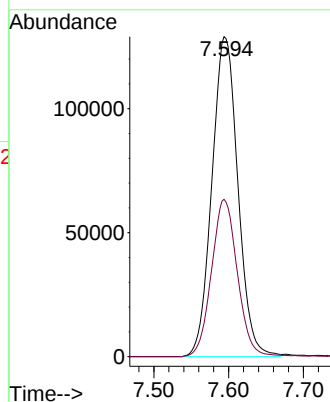
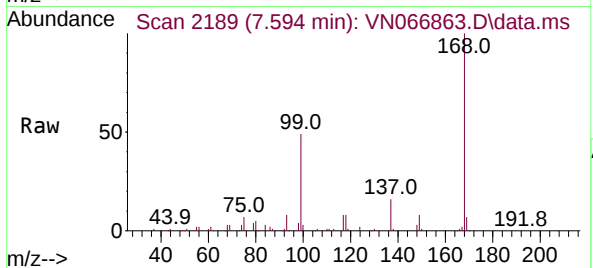




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

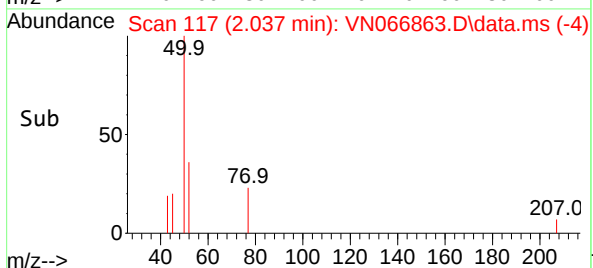
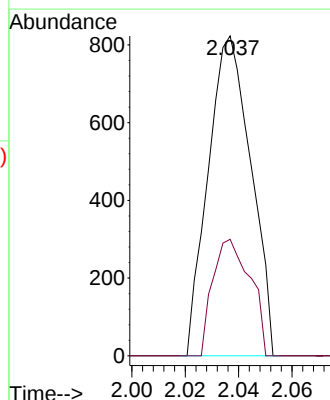
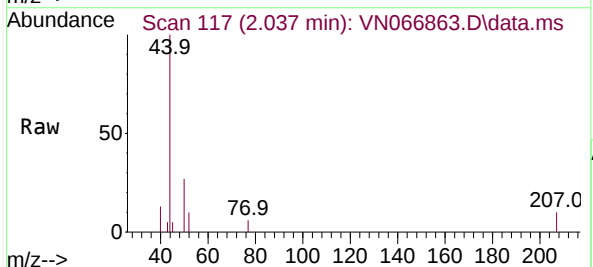
Instrument :
MSVOA_N
ClientSampled :

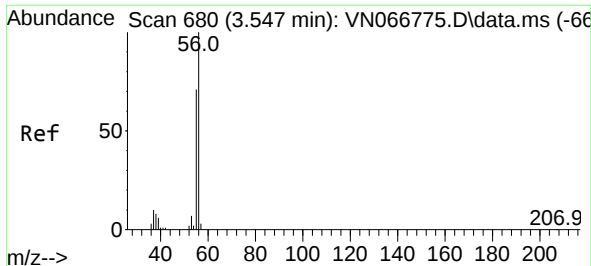
Tgt Ion:168 Resp: 311748
Ion Ratio Lower Upper
168 100
99 49.1 42.6 63.8



#3
Chloromethane
Concen: 0.21 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion: 50 Resp: 915
Ion Ratio Lower Upper
50 100
52 36.5 25.8 38.8

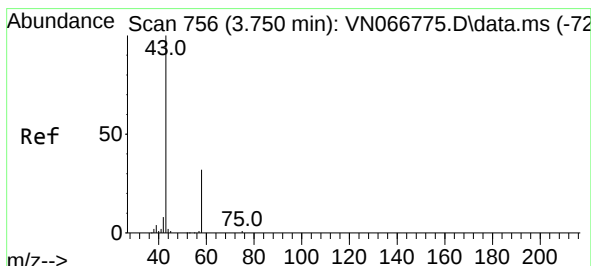
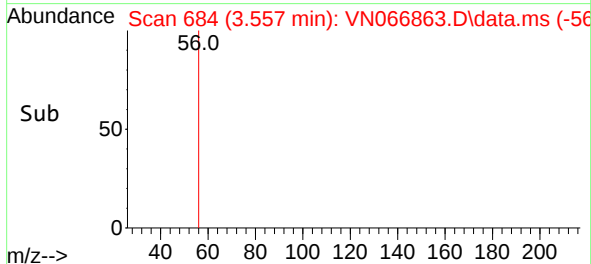
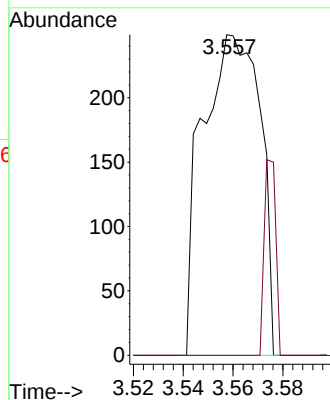
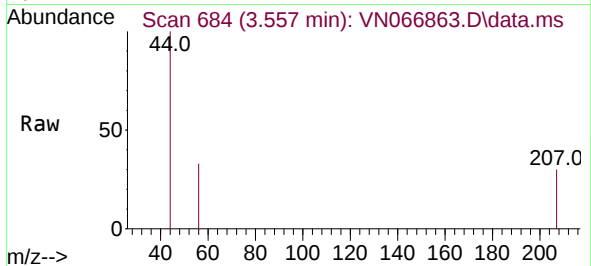




#13
Acrolein
Concen: 0.78 ug/l
RT: 3.557 min Scan# 684
Delta R.T. 0.010 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

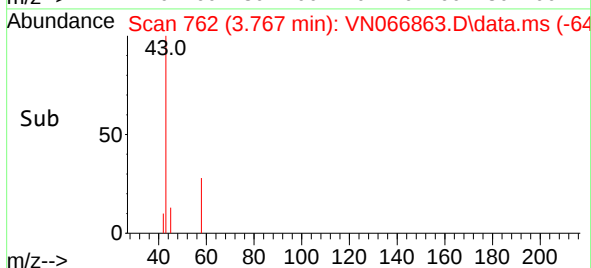
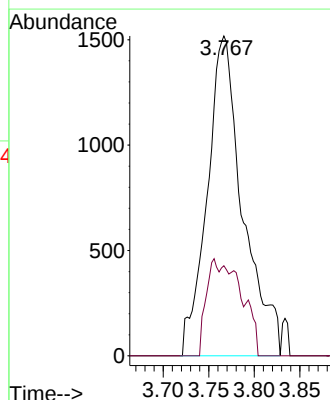
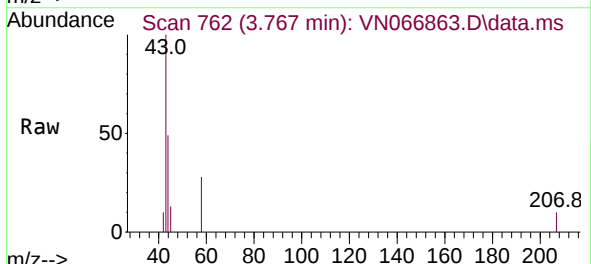
Instrument :
MSVOA_N
ClientSampled :

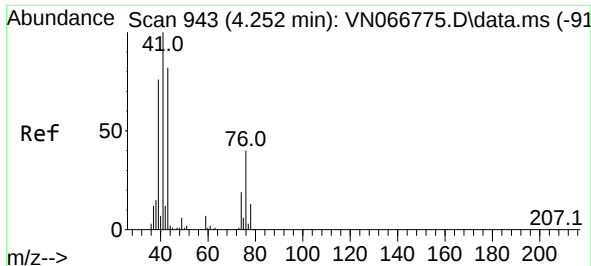
Tgt Ion: 56 Resp: 400
Ion Ratio Lower Upper
56 100
55 12.3 56.0 84.0#



#16
Acetone
Concen: 2.73 ug/l
RT: 3.767 min Scan# 762
Delta R.T. 0.017 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

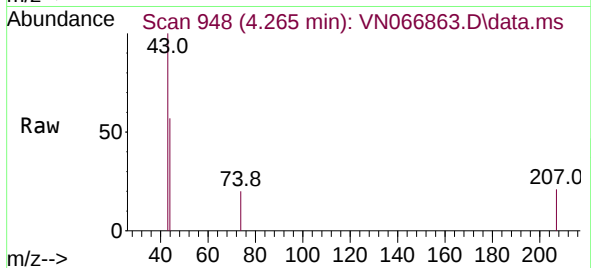
Tgt Ion: 43 Resp: 4129
Ion Ratio Lower Upper
43 100
58 28.2 27.0 40.6



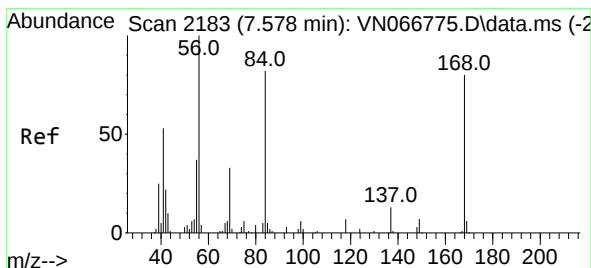
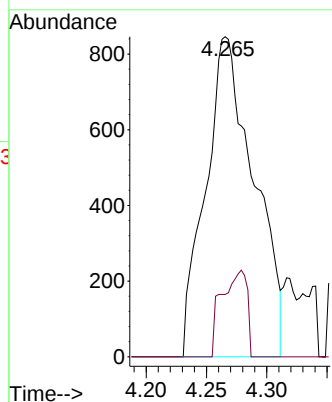
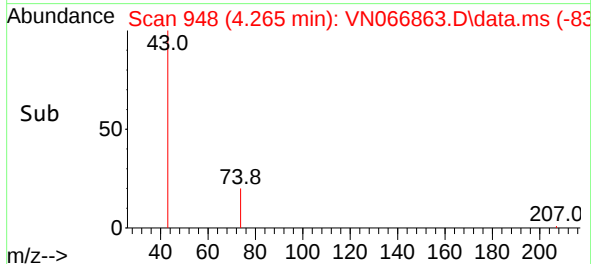


#18
Methyl Acetate
Concen: 1.68 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

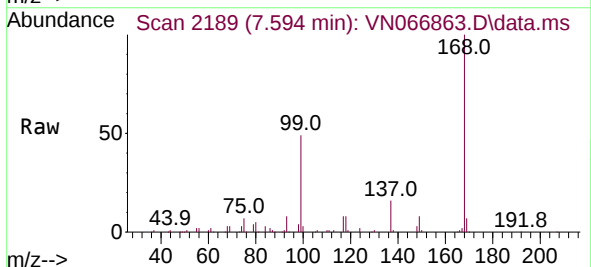
Instrument :
MSVOA_N
ClientSampled :



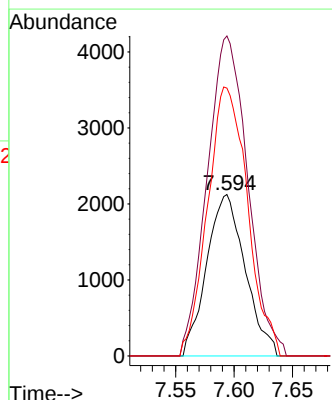
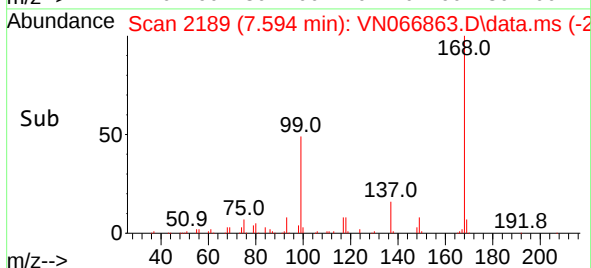
Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
74 14.1 19.5 29.3#

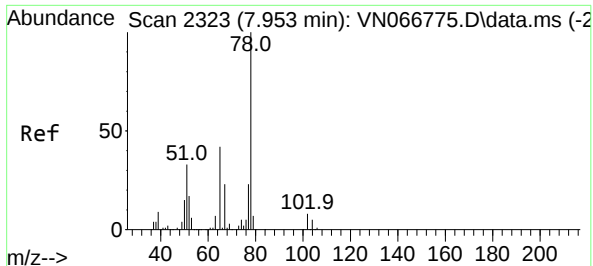


#31
Cyclohexane
Concen: 0.79 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. 0.016 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40



Tgt Ion: 56 Resp: 4876
Ion Ratio Lower Upper
56 100
69 198.2 26.6 39.8#
84 165.8 70.4 105.6#

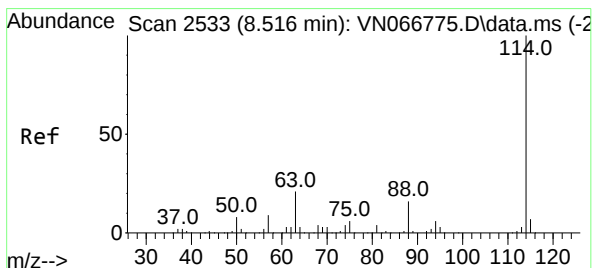
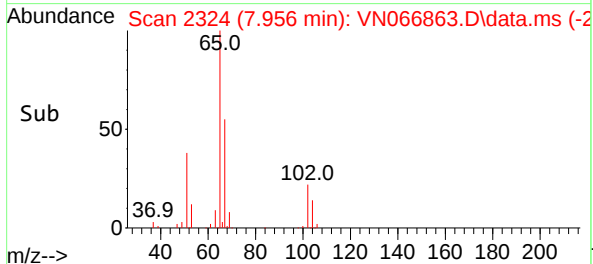
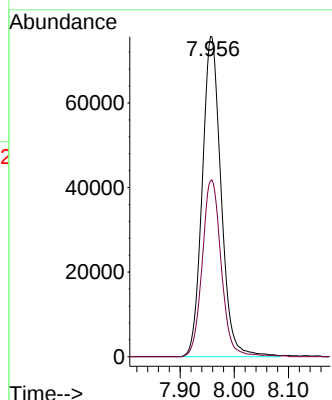
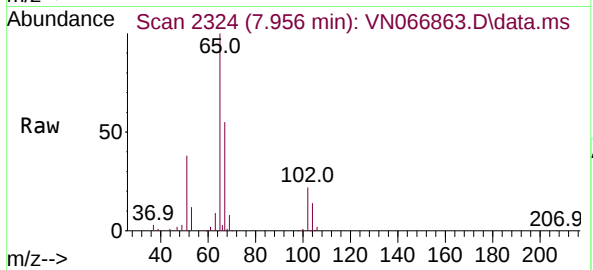




#33
 1,2-Dichloroethane-d4
 Concen: 45.72 ug/l
 RT: 7.956 min Scan# 2324
 Delta R.T. 0.003 min
 Lab File: VN066863.D
 Acq: 29 Apr 2021 15:40

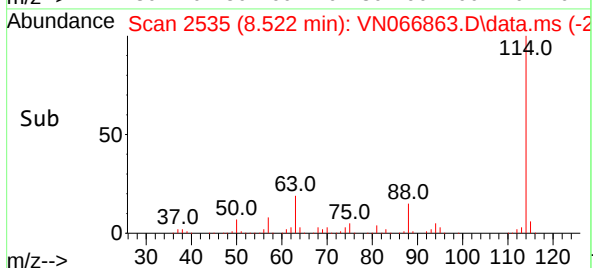
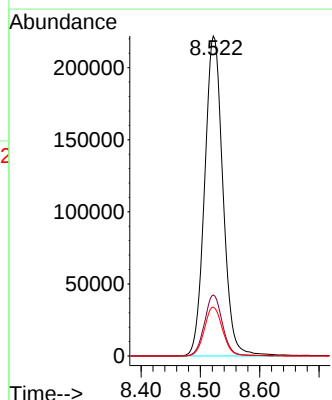
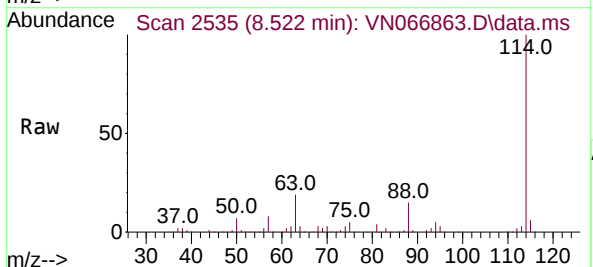
Instrument :
 MSVOA_N
 ClientSampled :

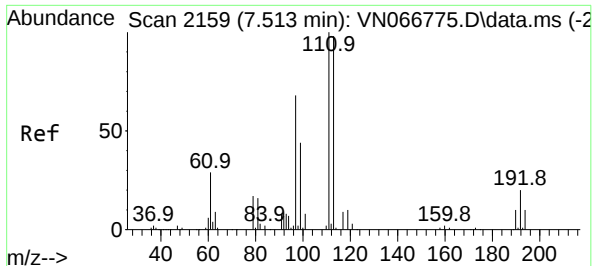
Tgt Ion: 65 Resp: 183122
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.522 min Scan# 2535
 Delta R.T. 0.006 min
 Lab File: VN066863.D
 Acq: 29 Apr 2021 15:40

Tgt Ion: 114 Resp: 473290
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.6
 88 15.3 0.0 30.6

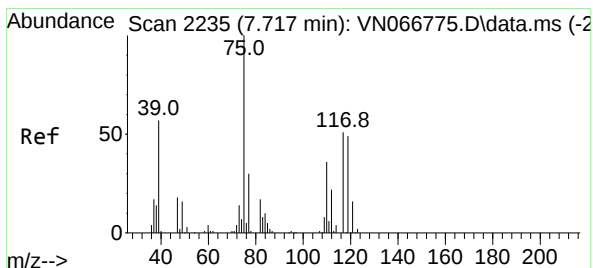
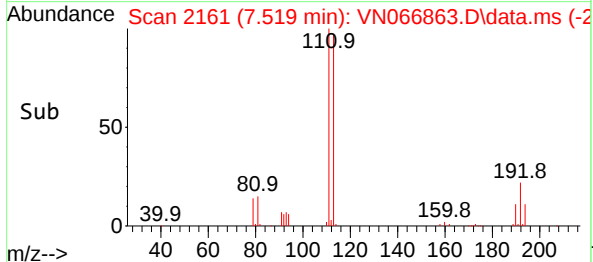
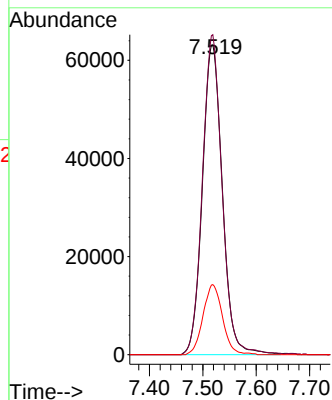
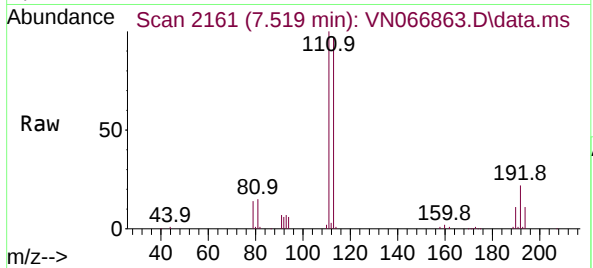




#35
Dibromofluoromethane
Concen: 56.27 ug/l
RT: 7.519 min Scan# 2161
Delta R.T. 0.006 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

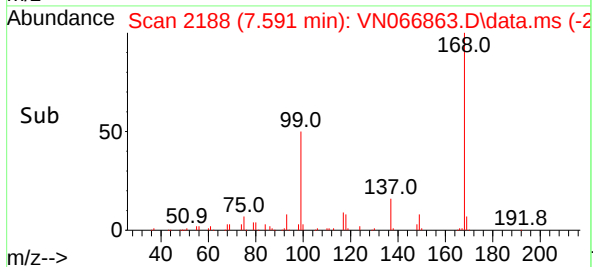
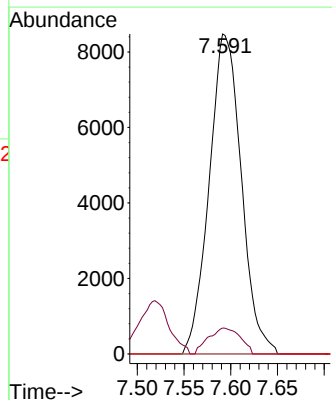
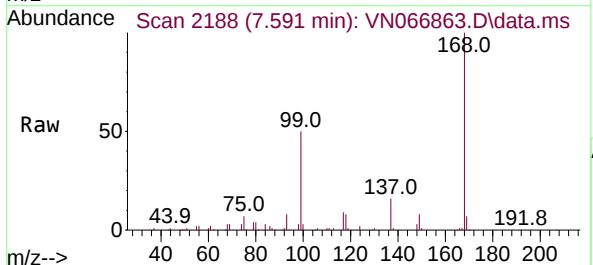
Instrument :
MSVOA_N
ClientSampleId :

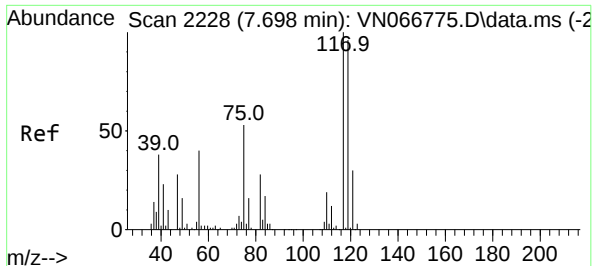
Tgt Ion:113 Resp: 164404
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. -0.126 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

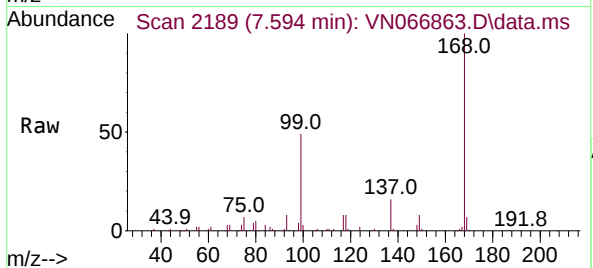
Tgt Ion: 75 Resp: 20238
Ion Ratio Lower Upper
75 100
110 8.0 18.2 54.6#
77 0.0 24.9 37.3#



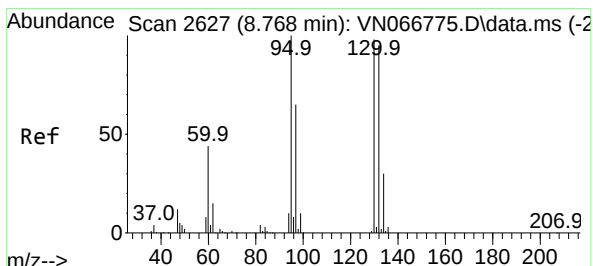
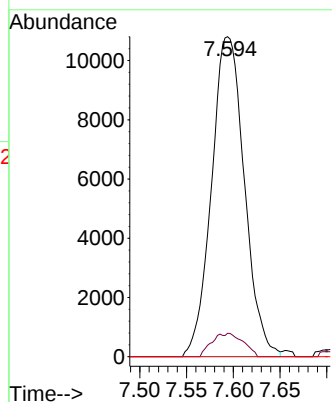
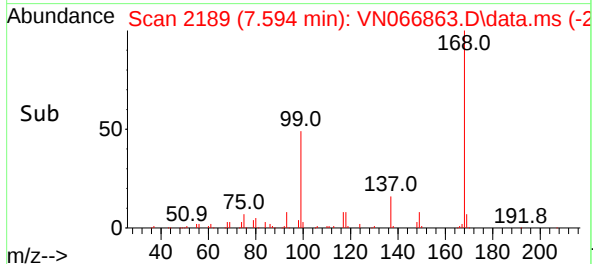


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.594 min Scan# 2189
Delta R.T. -0.104 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

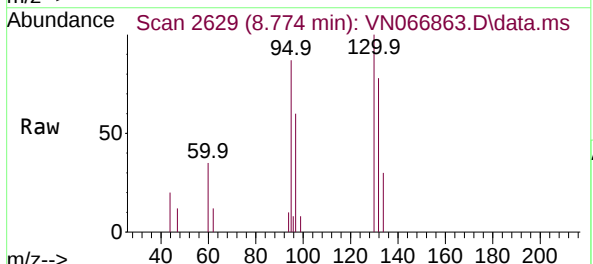
Instrument :
MSVOA_N
ClientSampled :



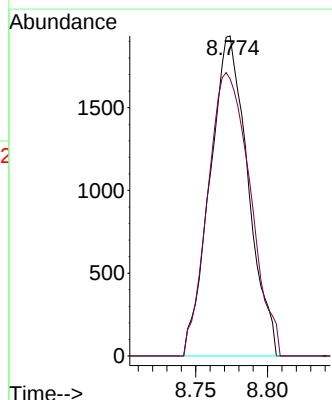
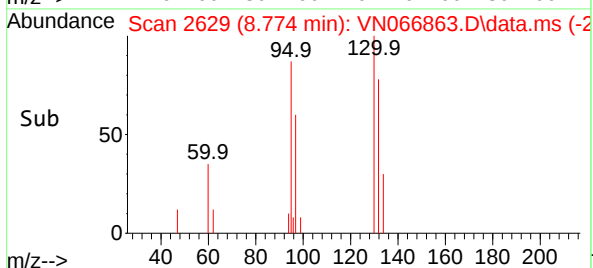
Tgt Ion:117 Resp: 26417
Ion Ratio Lower Upper
117 100
119 7.3 76.0 114.0#
121 0.0 24.5 36.7#

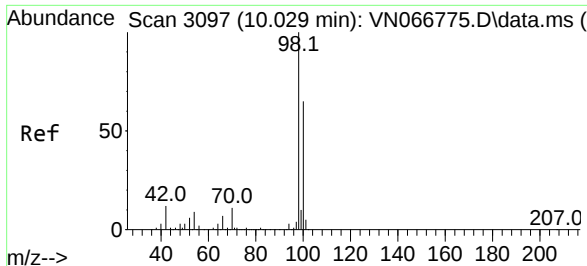


#44
Trichloroethene
Concen: 1.07 ug/l
RT: 8.774 min Scan# 2629
Delta R.T. 0.006 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40



Tgt Ion:130 Resp: 3543
Ion Ratio Lower Upper
130 100
95 86.6 0.0 199.6

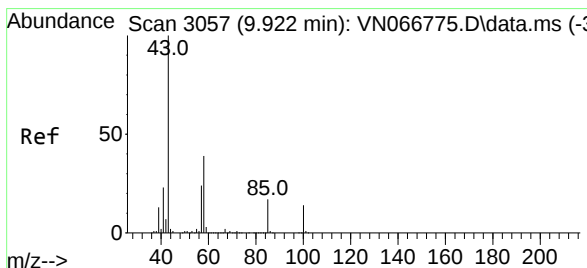
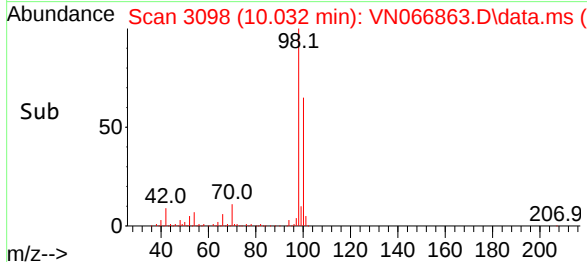
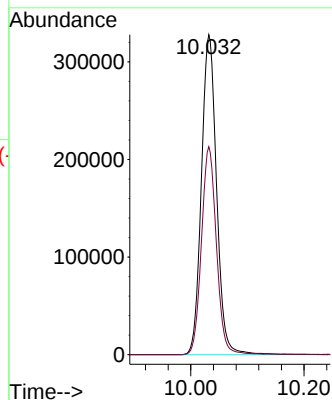
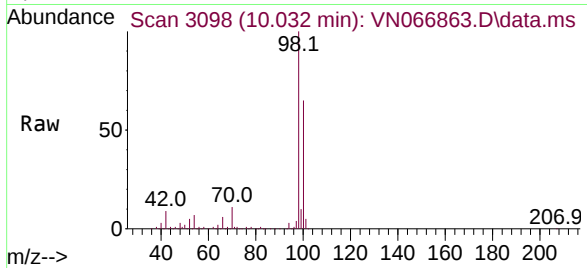




#50
Toluene-d8
Concen: 53.08 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

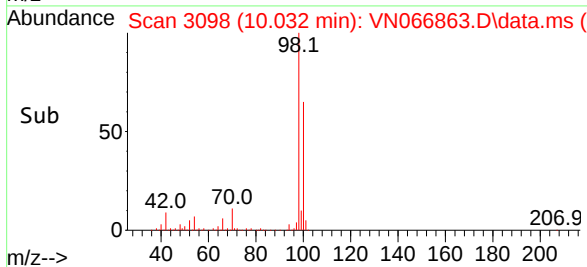
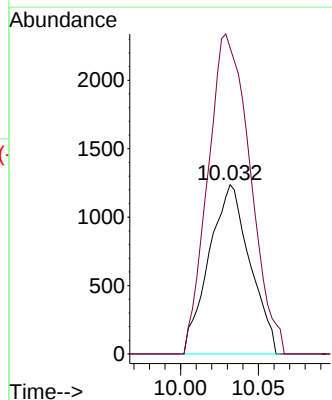
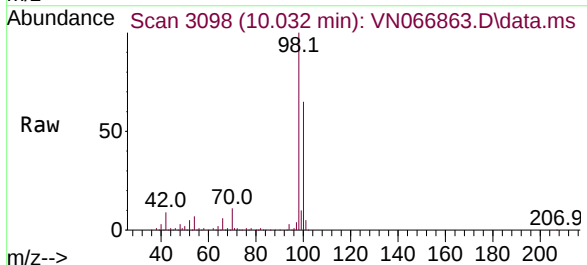
Instrument :
MSVOA_N
ClientSampled :

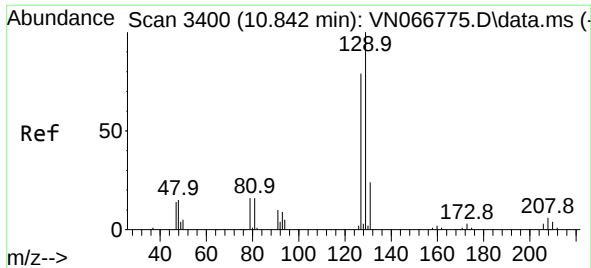
Tgt Ion: 98 Resp: 608709
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.110 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
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58 195.1 32.5 48.7#

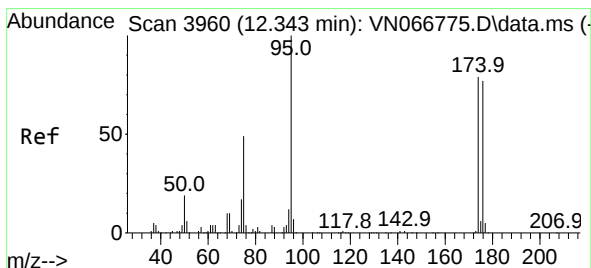
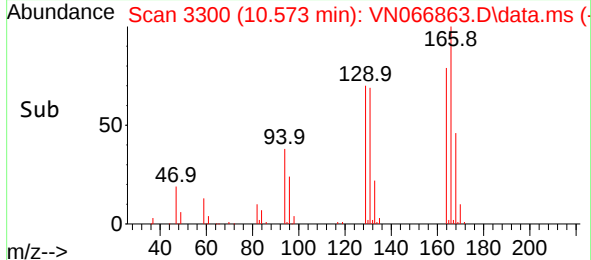
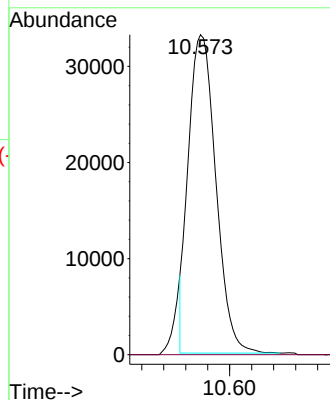
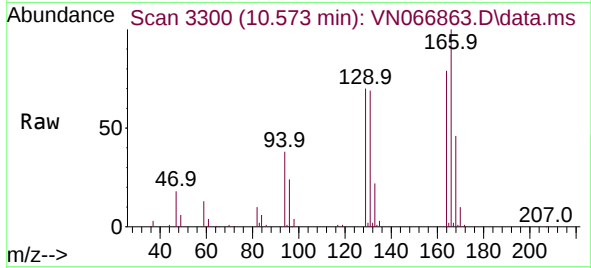




#60
Dibromochloromethane
Concen: 16.69 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. -0.269 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

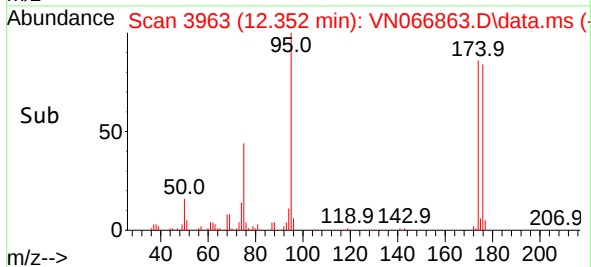
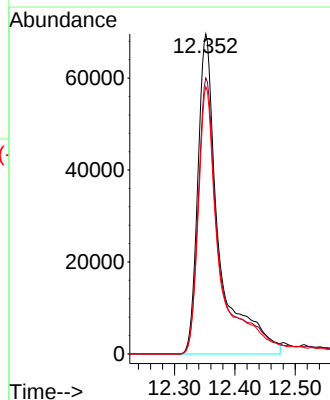
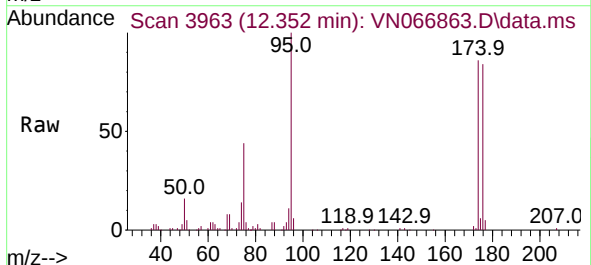
Instrument :
MSVOA_N
ClientSampleId :

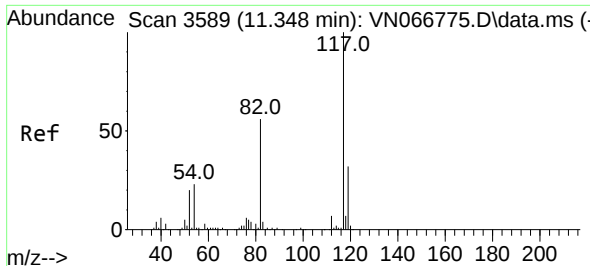
Tgt Ion:129 Resp: 57326
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.009 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion: 95 Resp: 170226
Ion Ratio Lower Upper
95 100
174 88.1 0.0 169.0
176 84.3 0.0 162.4

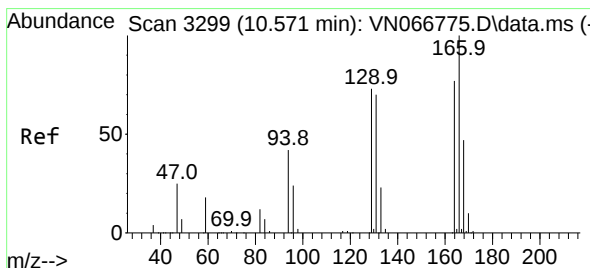
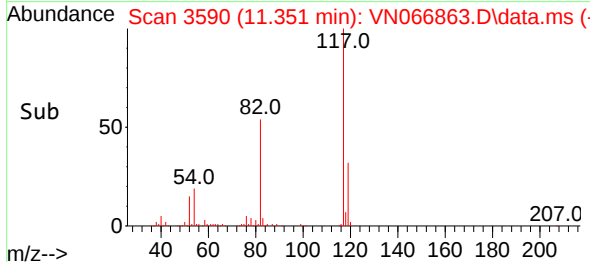
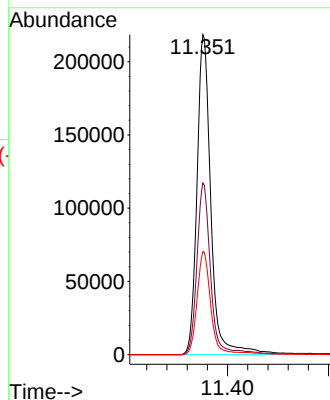
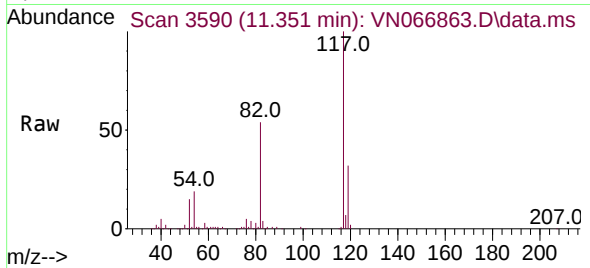




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

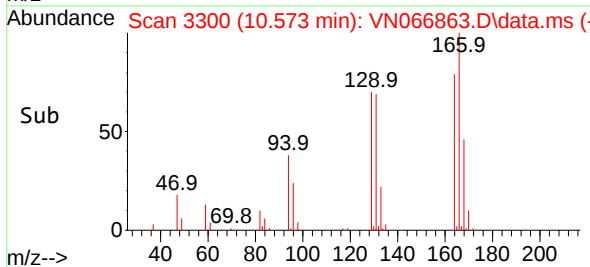
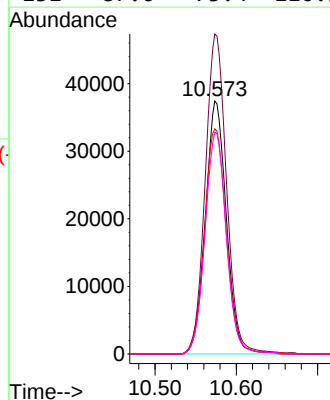
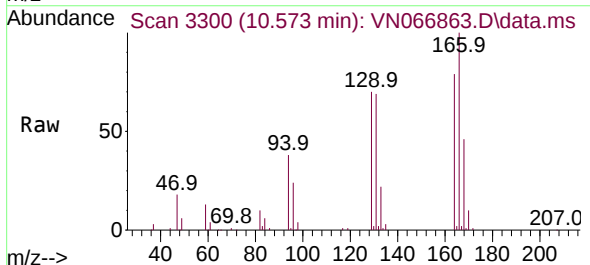
Instrument :
MSVOA_N
ClientSampleId :

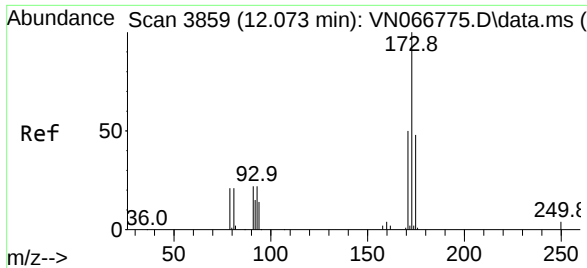
Tgt Ion:117 Resp: 417127
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 24.43 ug/l
RT: 10.573 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion:164 Resp: 67382
Ion Ratio Lower Upper
164 100
166 126.5 102.6 154.0
129 89.0 76.2 114.4
131 87.6 73.4 110.2

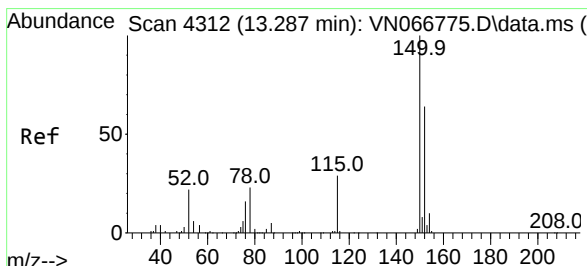
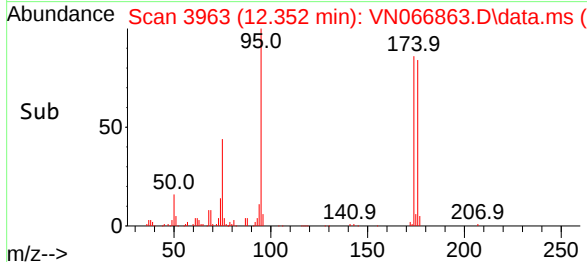
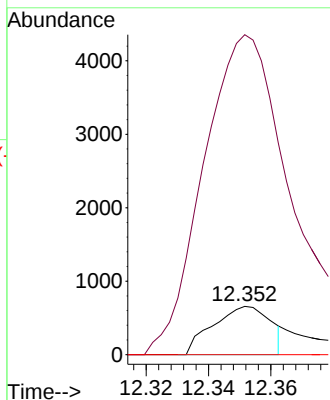
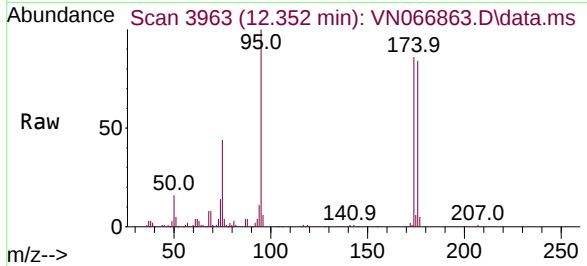




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.279 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

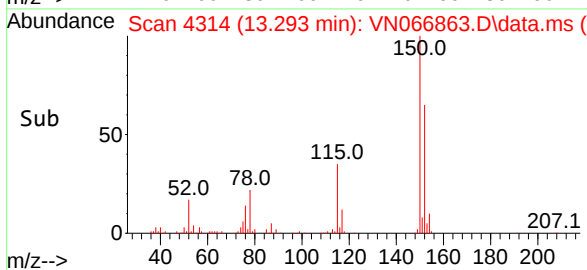
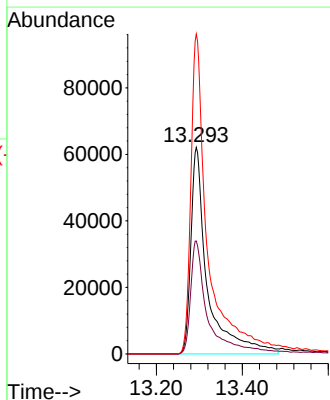
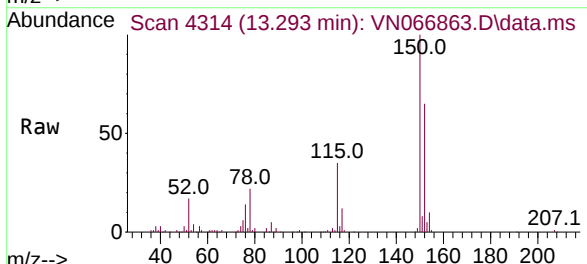
Instrument :
MSVOA_N
ClientSampled :

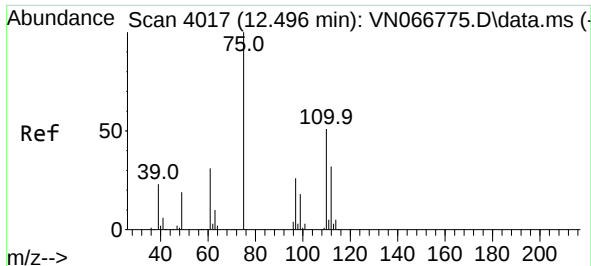
Tgt Ion:173 Resp: 849
Ion Ratio Lower Upper
173 100
175 784.3 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion:152 Resp: 167436
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.6
150 154.4 0.0 347.6

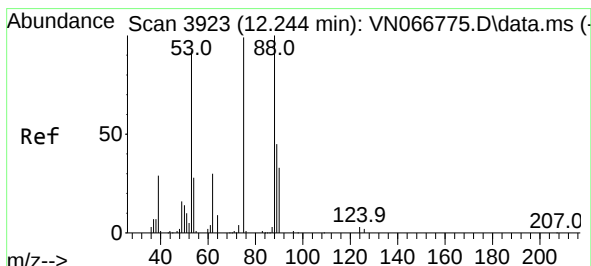
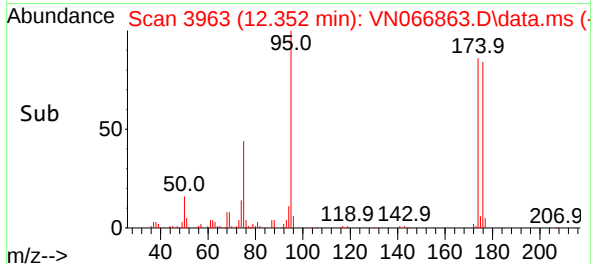
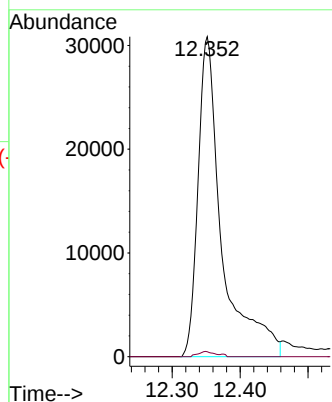
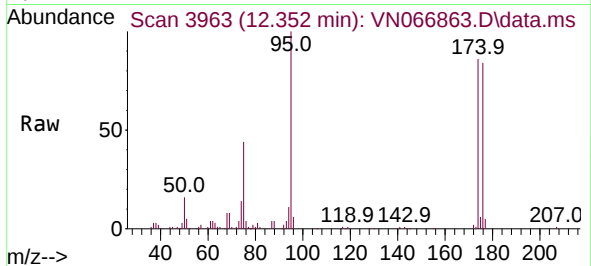




#76
1,2,3-Trichloropropane
Concen: 21.32 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. -0.144 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

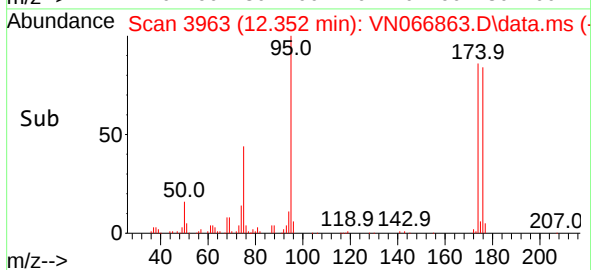
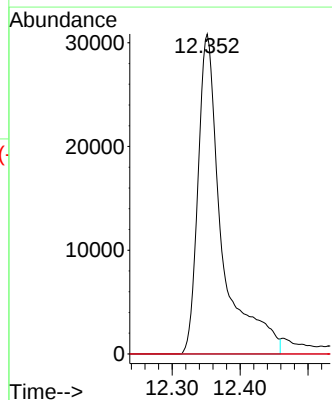
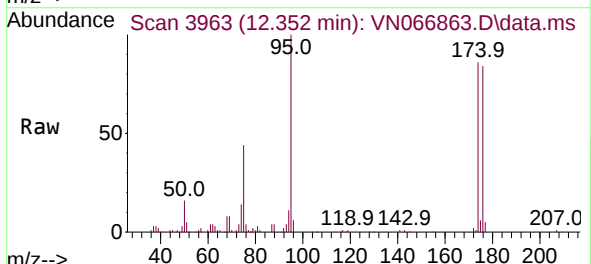
Instrument :
MSVOA_N
ClientSampled :

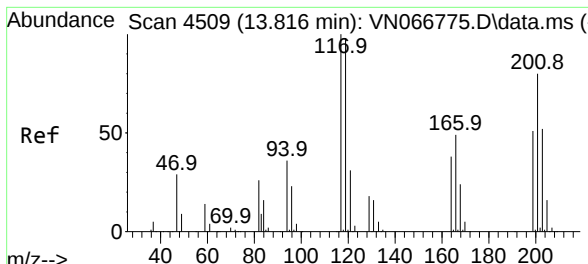
Tgt Ion: 75 Resp: 75223
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.20 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.108 min
Lab File: VN066863.D
Acq: 29 Apr 2021 15:40

Tgt Ion: 75 Resp: 75223
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#90
 Hexachloroethane
 Concen: 0.37 ug/l
 RT: 13.819 min Scan# 4510
 Delta R.T. 0.003 min
 Lab File: VN066863.D
 Acq: 29 Apr 2021 15:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:117 Resp: 755
 Ion Ratio Lower Upper
 117 100
 201 55.6 37.8 113.3

