

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069221.D
 Acq On : 27 Oct 2021 16:22
 Operator : JC/MD
 Sample : M4338-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:21:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

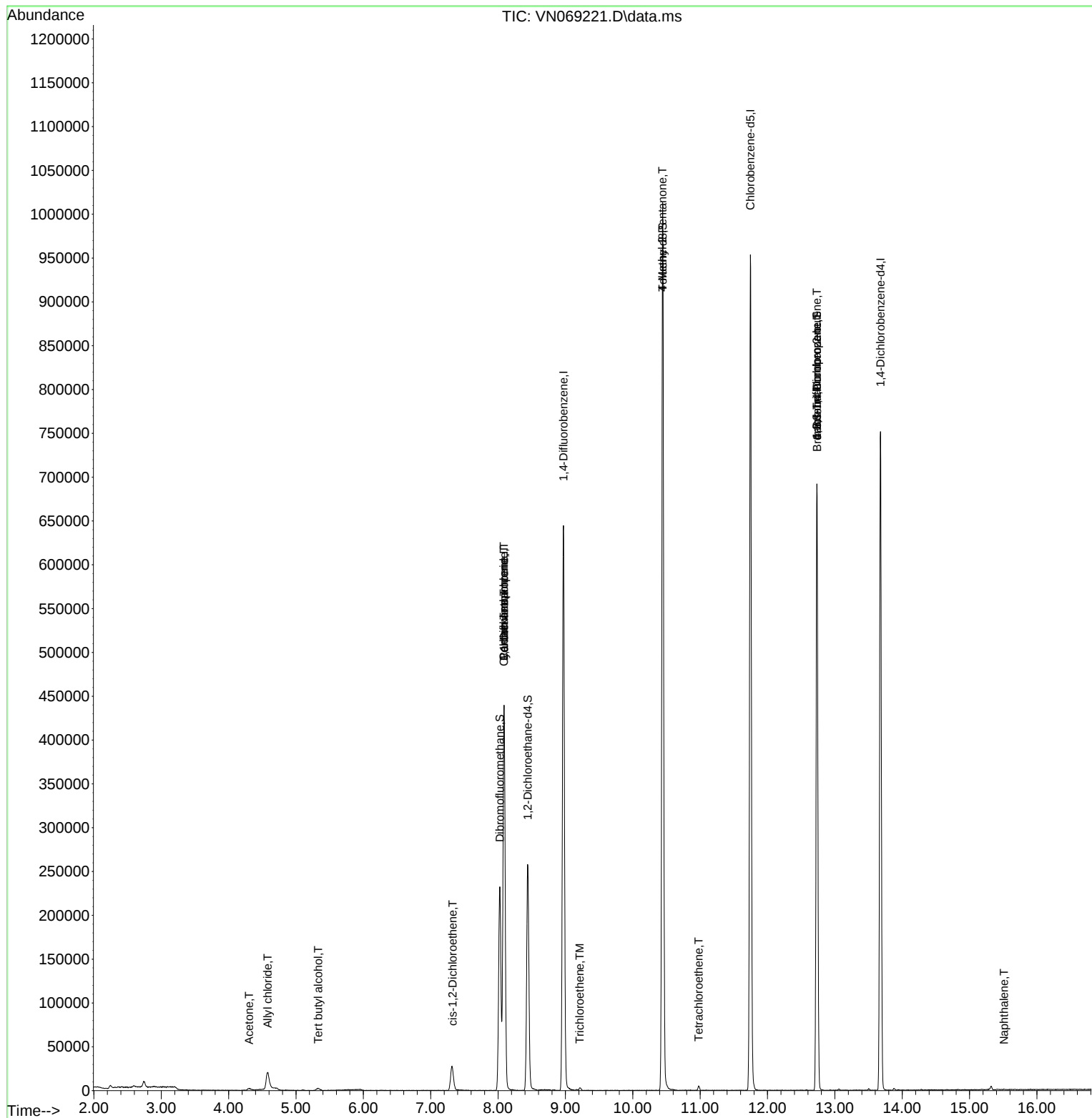
Internal Standards						
1) Pentafluorobenzene	8.088	168	335018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	583126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	563021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	202308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219603	49.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.440%			
35) Dibromofluoromethane	8.027	113	170881	50.368	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.740%			
50) Toluene-d8	10.443	98	723007	53.262	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.733	95	252984	49.396	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.800%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.331	59	1680	2.081	ug/l #	72
14) Allyl chloride	4.580	41	2233	0.385	ug/l #	45
16) Acetone	4.301	43	4215	2.557	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	3348	0.792	ug/l	91
31) Cyclohexane	8.086	56	7917	1.153	ug/l #	26
36) 1,1-Dichloropropene	8.088	75	27424	5.506	ug/l #	44
38) Carbon Tetrachloride	8.088	117	35005	6.399	ug/l #	16
44) Trichloroethene	9.212	130	1338	0.352	ug/l	75
51) 4-Methyl-2-Pentanone	10.440	43	3149	0.598	ug/l #	1
64) Tetrachloroethene	10.977	164	1129	0.311	ug/l #	82
71) Bromoform	12.736	173	1544	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	132567	30.797	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132567	73.680	ug/l #	12
95) Naphthalene	15.512	128	568	3.868	ug/l #	69

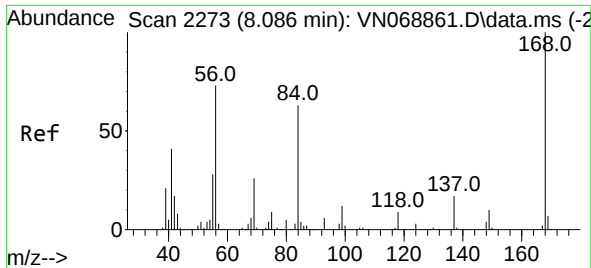
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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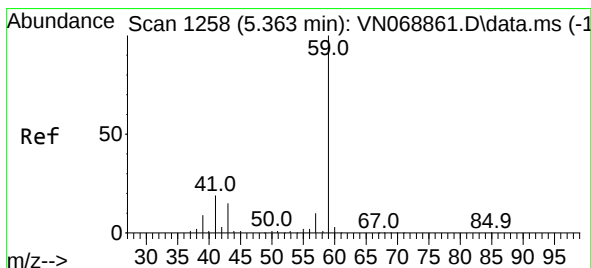
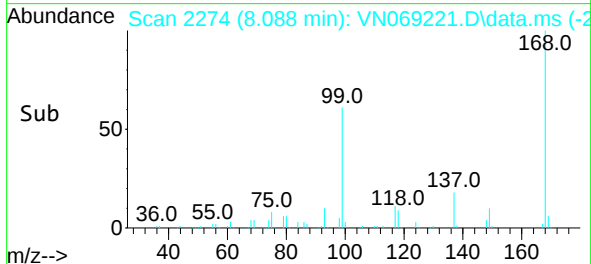
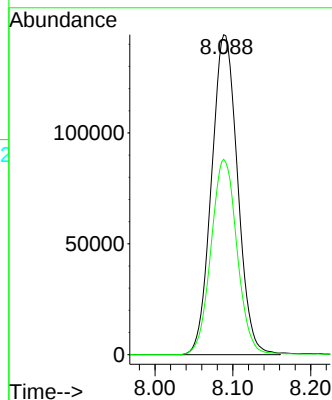
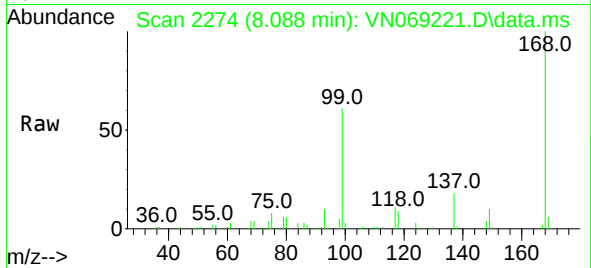




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

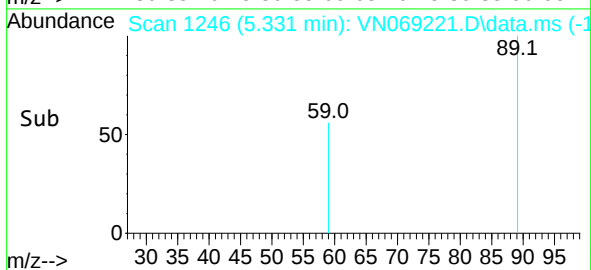
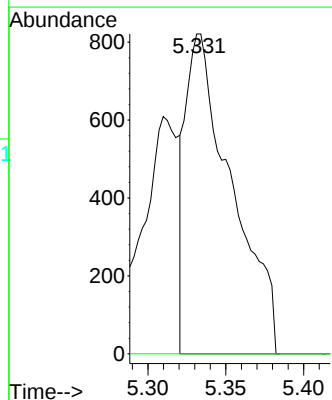
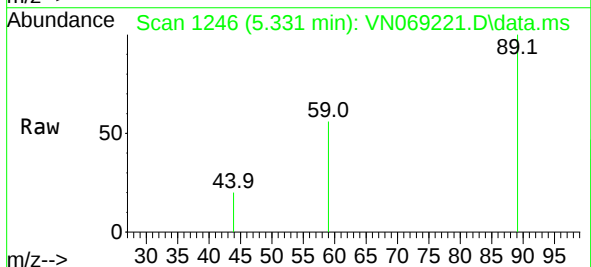
Instrument :
MSVOA_N
ClientSampled :

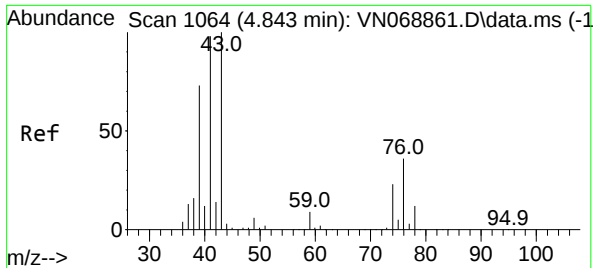
Tgt Ion:168 Resp: 335018
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#11
Tert butyl alcohol
Concen: 2.081 ug/l
RT: 5.331 min Scan# 1246
Delta R.T. -0.032 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion: 59 Resp: 1680
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#14

Allyl chloride

Concen: 0.385 ug/l

RT: 4.580 min Scan# 966

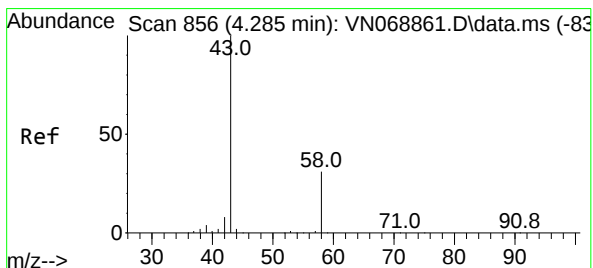
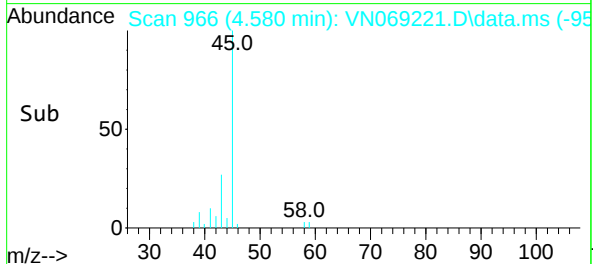
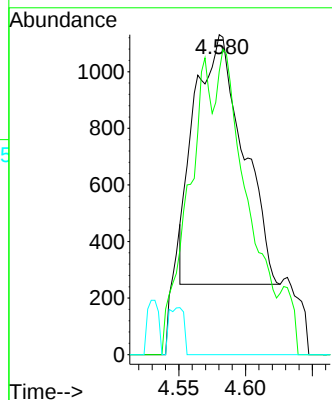
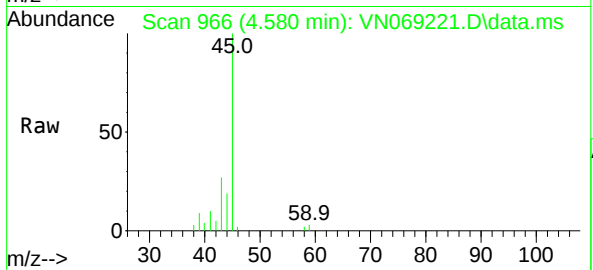
Delta R.T. -0.263 min

Lab File: VN069221.D

Acq: 27 Oct 2021 16:22

Tgt Ion:	41	Resp:	2233
Ion	Ratio	Lower	Upper
41	100		
39	26.2	55.6	83.4#
76	0.0	26.4	39.6#

Instrument :
MSVOA_N
ClientSampleId :



#16

Acetone

Concen: 2.557 ug/l

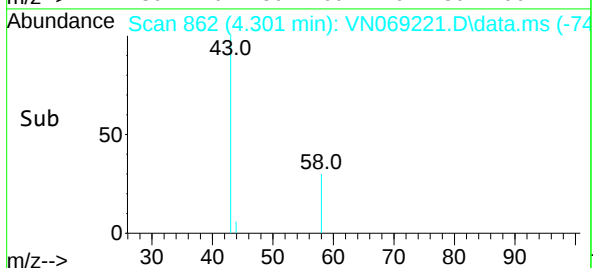
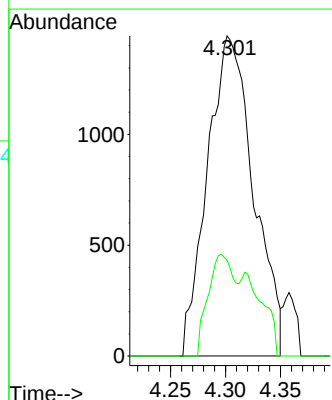
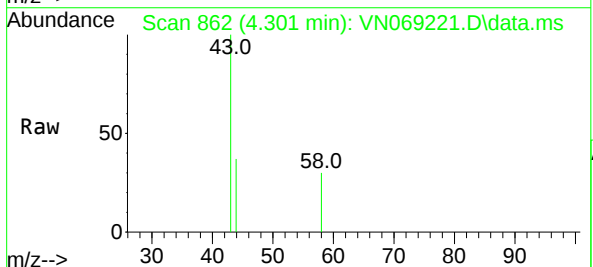
RT: 4.301 min Scan# 862

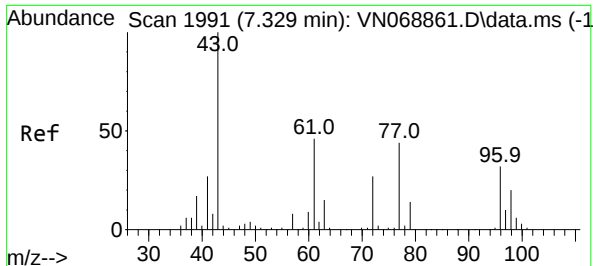
Delta R.T. 0.016 min

Lab File: VN069221.D

Acq: 27 Oct 2021 16:22

Tgt Ion:	43	Resp:	4215
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.5	36.7

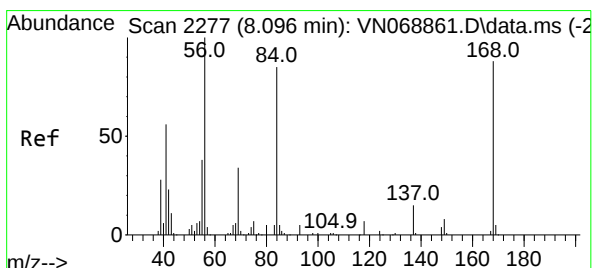
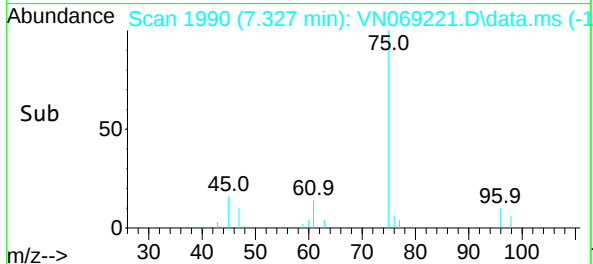
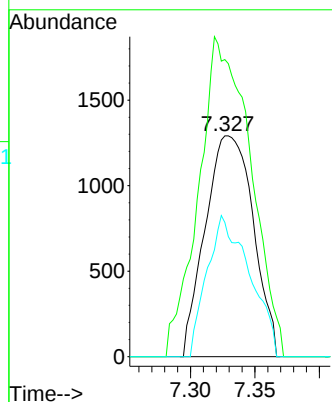
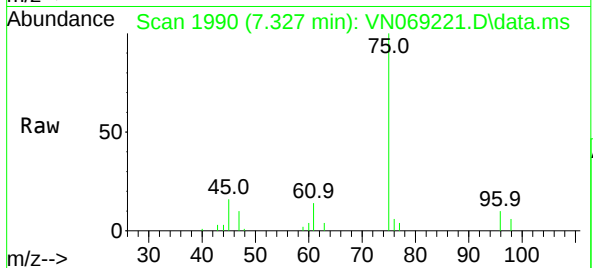




#27
 cis-1,2-Dichloroethene
 Concen: 0.792 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. -0.003 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

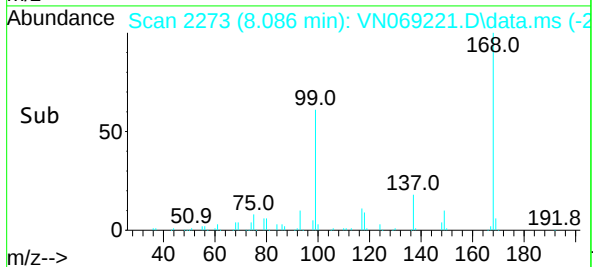
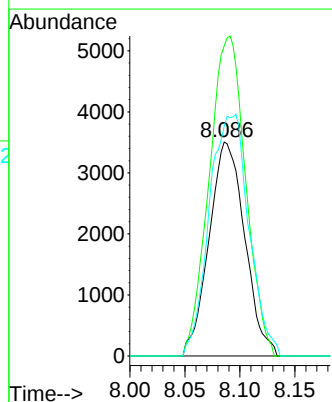
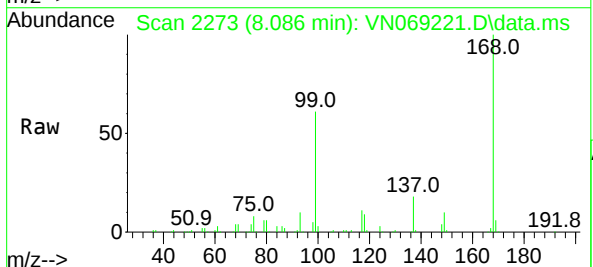
Instrument :
 MSVOA_N
 ClientSampled :

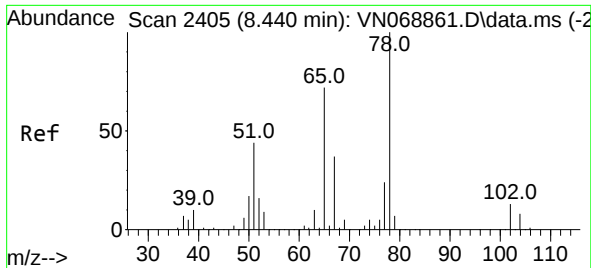
Tgt Ion:	96	Resp:	3348
Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	290.6
98	56.8	0.0	127.2



#31
 Cyclohexane
 Concen: 1.153 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.010 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

Tgt Ion:	56	Resp:	7917
Ion	Ratio	Lower	Upper
56	100		
69	144.9	26.9	40.3#
84	107.4	67.6	101.4#

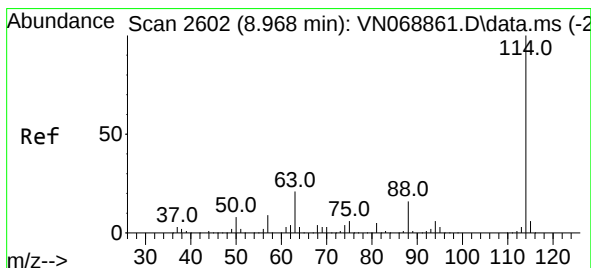
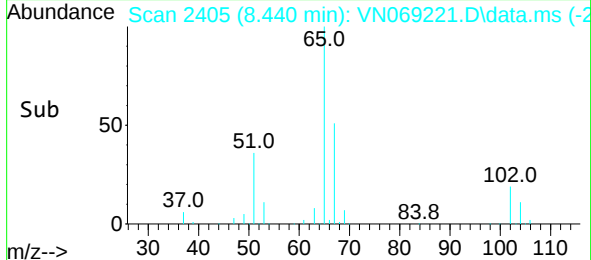
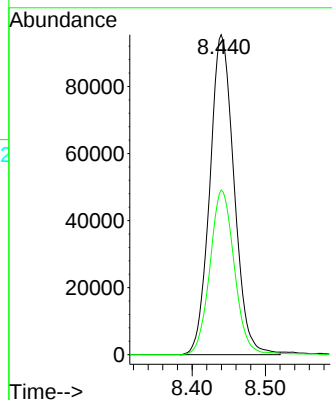
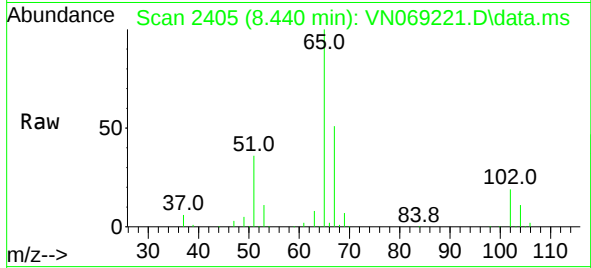




#33
 1,2-Dichloroethane-d4
 Concen: 49.717 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

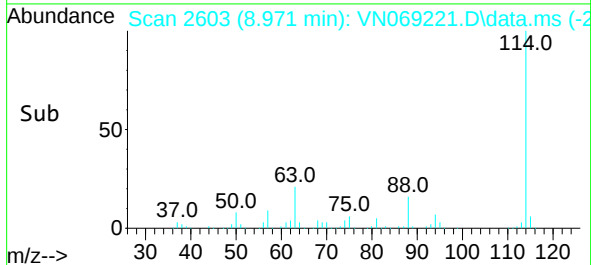
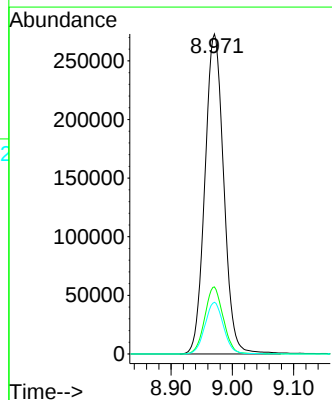
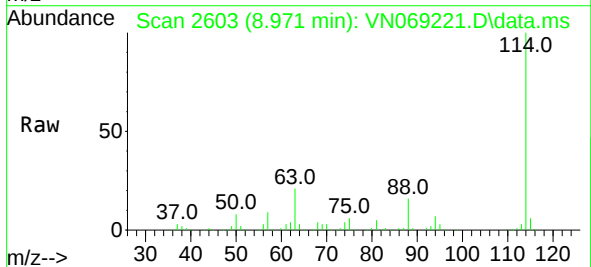
Instrument :
 MSVOA_N
 ClientSampled :

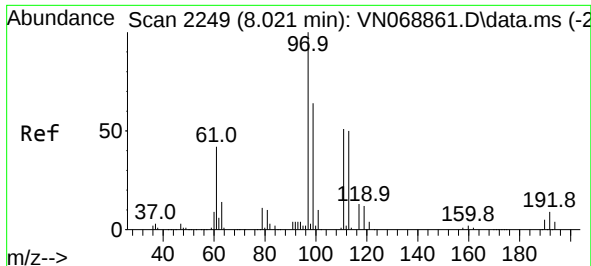
Tgt Ion: 65 Resp: 219603
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

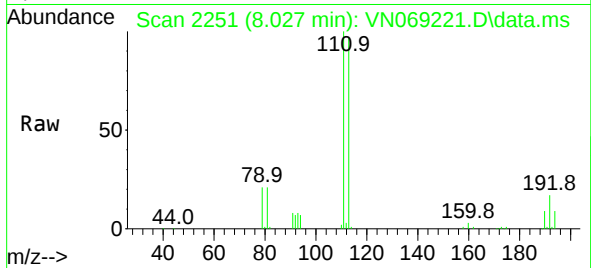
Tgt Ion: 114 Resp: 583126
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.2 0.0 32.0



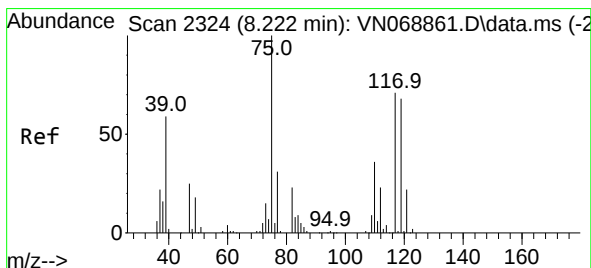
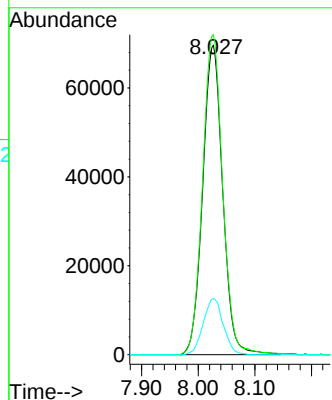
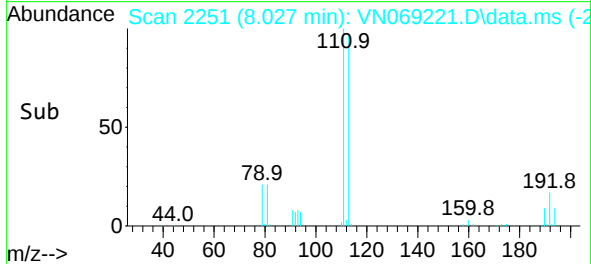


#35
Dibromofluoromethane
Concen: 50.368 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

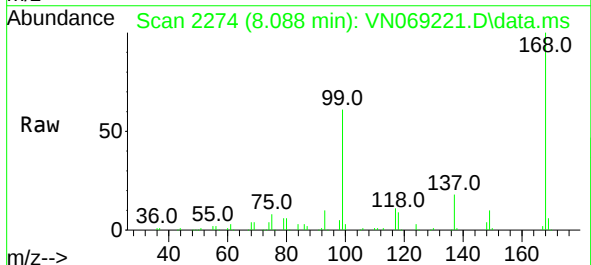
Instrument :
MSVOA_N
ClientSampled :



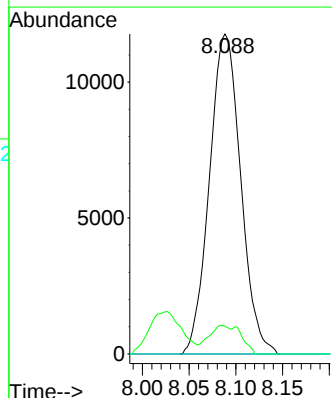
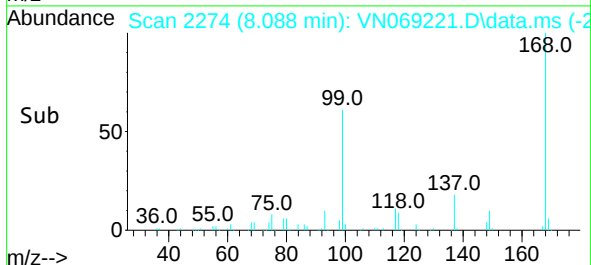
Tgt Ion:113 Resp: 170881
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 18.2 15.0 22.4

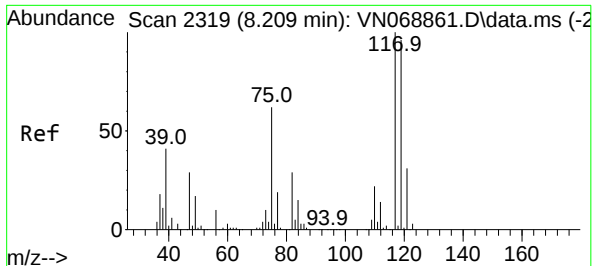


#36
1,1-Dichloropropene
Concen: 5.506 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22



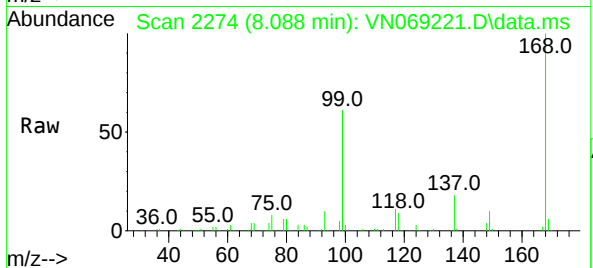
Tgt Ion: 75 Resp: 27424
Ion Ratio Lower Upper
75 100
110 3.5 17.9 53.8#
77 0.0 24.7 37.1#



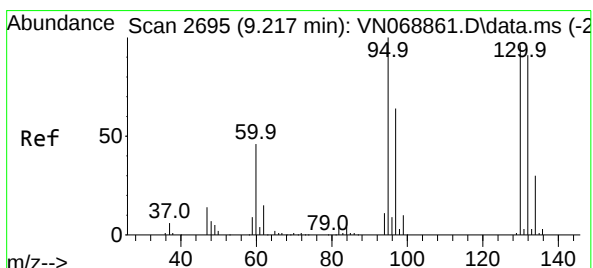
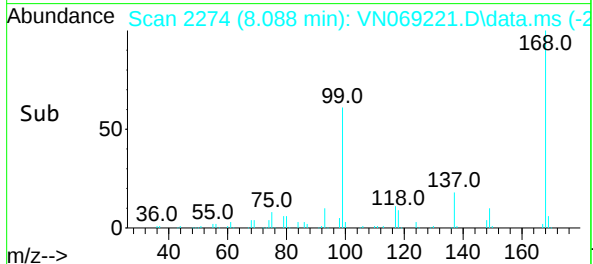
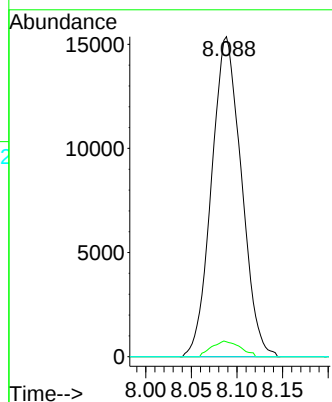


#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Instrument :
MSVOA_N
ClientSampled :

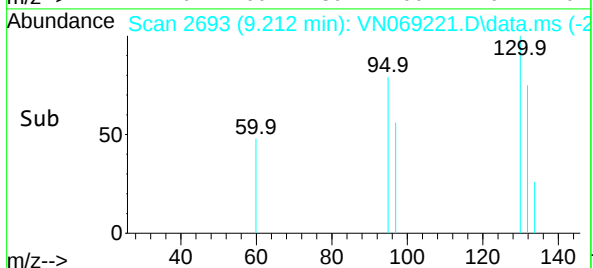
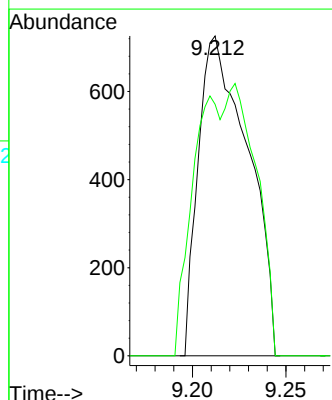
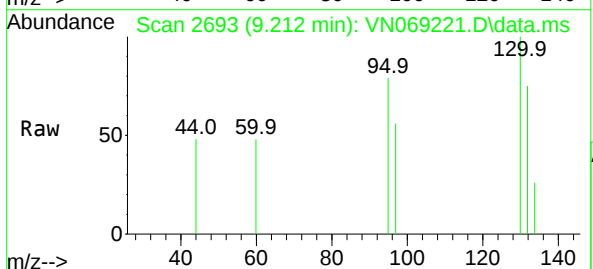


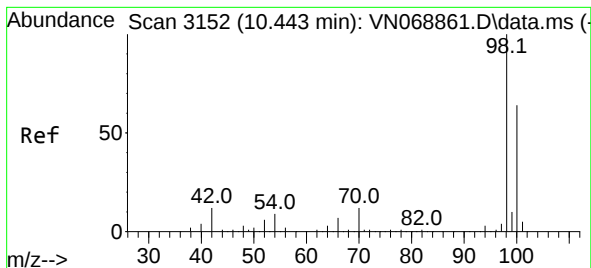
Tgt Ion:117 Resp: 35005
Ion Ratio Lower Upper
117 100
119 4.7 76.9 115.3#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 0.352 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.005 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion:130 Resp: 1338
Ion Ratio Lower Upper
130 100
95 78.7 0.0 208.0

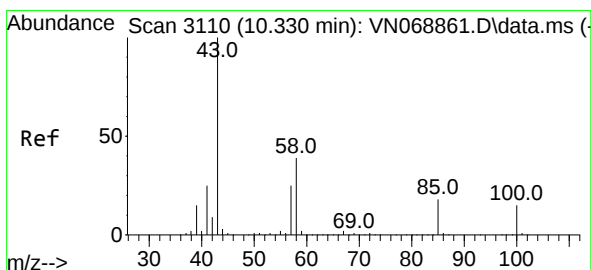
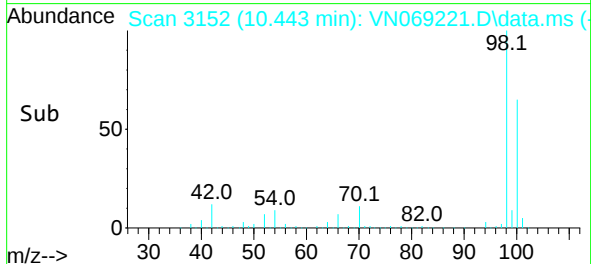
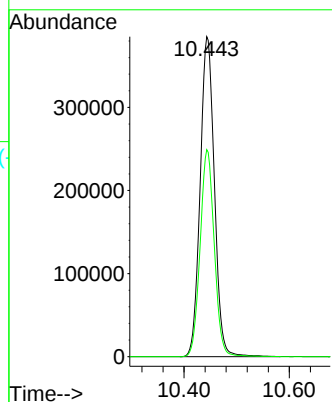
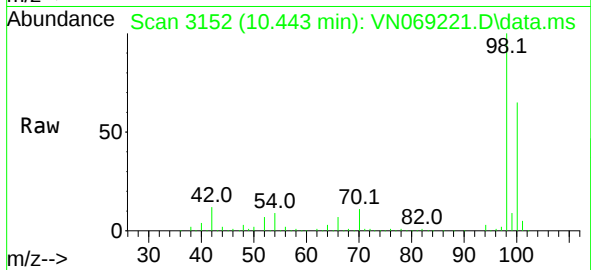




#50
Toluene-d8
Concen: 53.262 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

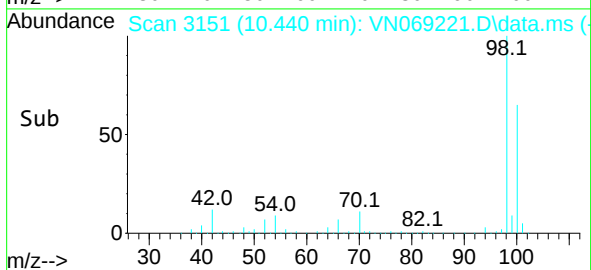
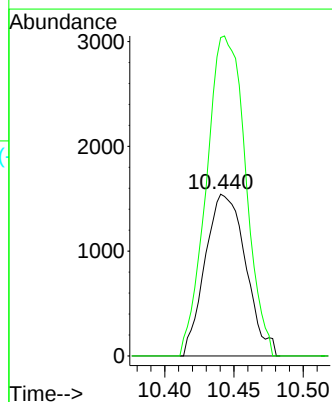
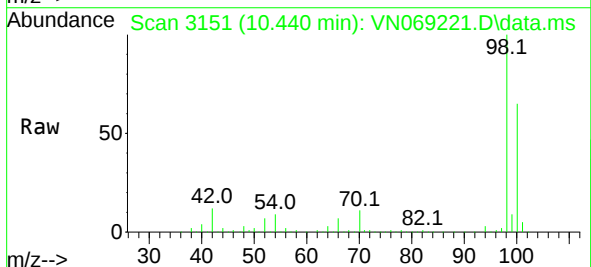
Instrument :
MSVOA_N
ClientSampled :

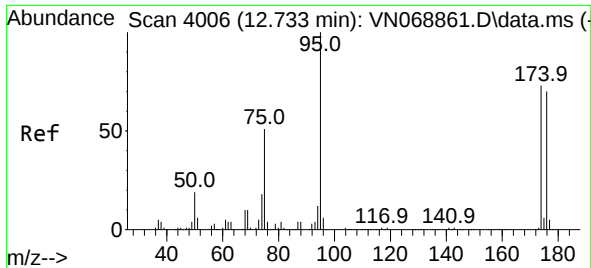
Tgt Ion: 98 Resp: 723007
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion: 43 Resp: 3149
Ion Ratio Lower Upper
43 100
58 190.6 31.0 46.4#

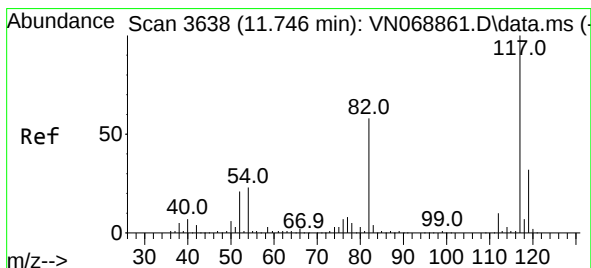
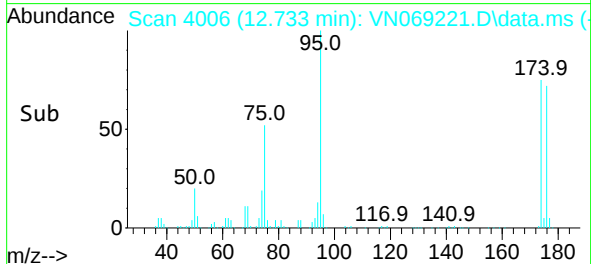
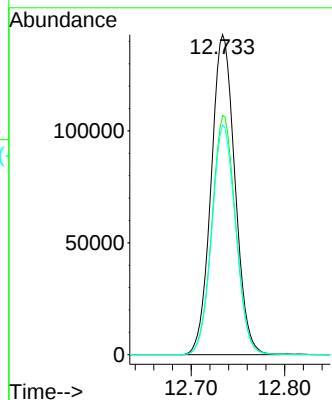
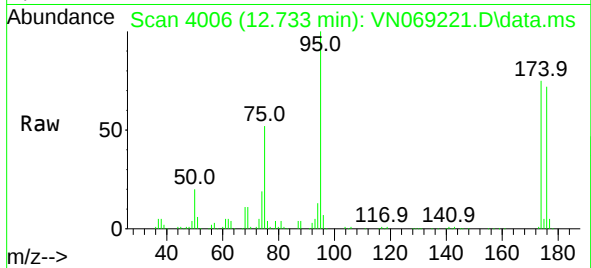




#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

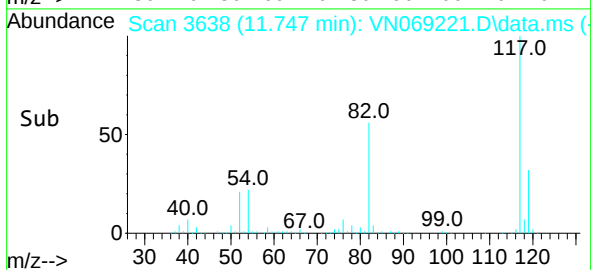
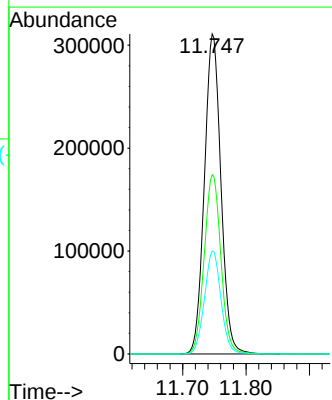
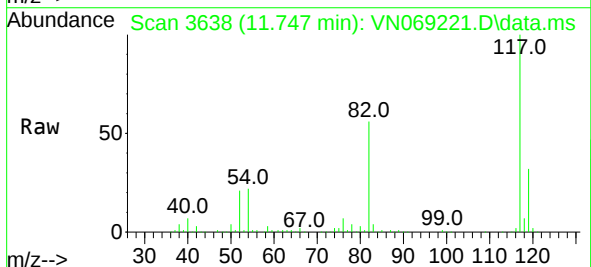
Instrument :
MSVOA_N
ClientSampleId :

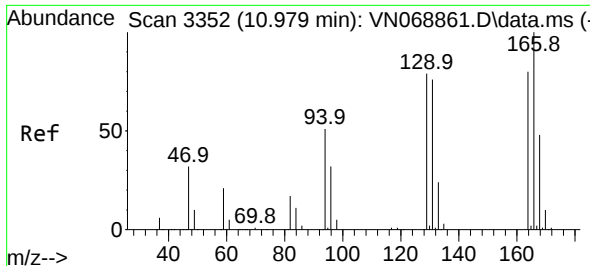
Tgt Ion: 95 Resp: 252984
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.8
176 72.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion: 117 Resp: 563021
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.2 26.0 39.0

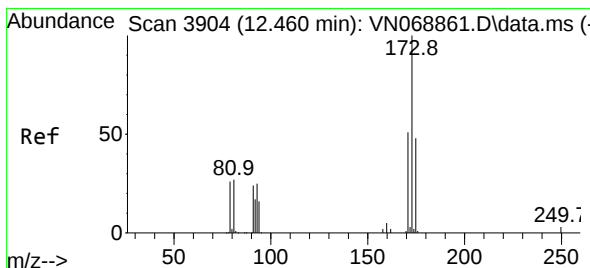
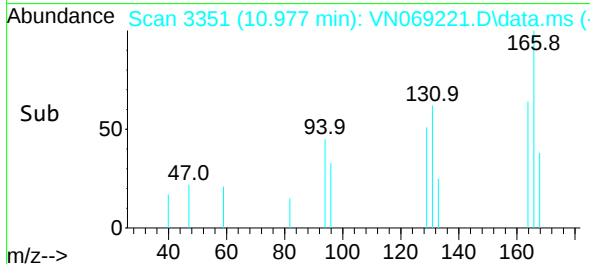
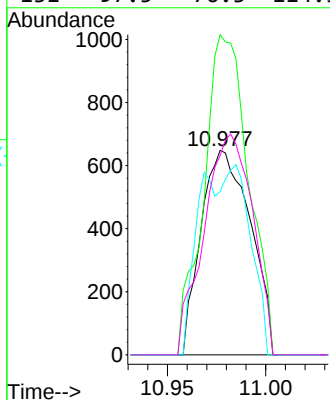
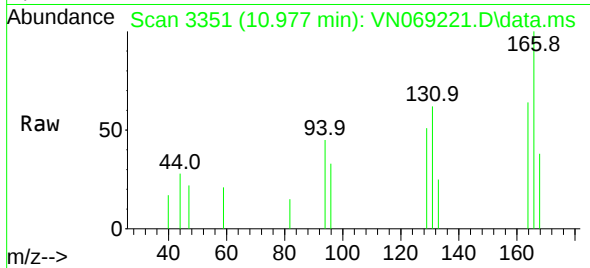




#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.003 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

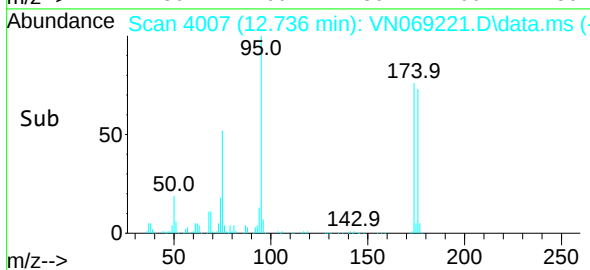
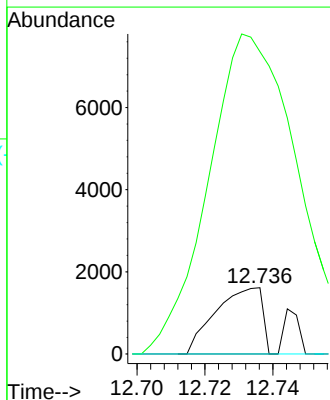
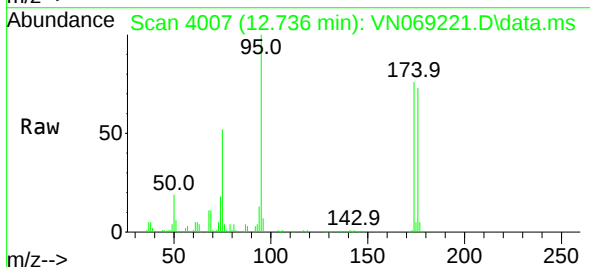
Instrument :
MSVOA_N
ClientSampleId :

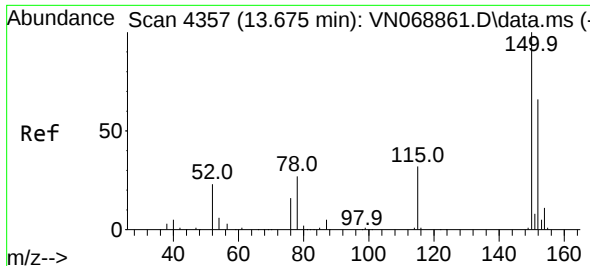
Tgt Ion:164 Resp: 1129
Ion Ratio Lower Upper
164 100
166 156.6 99.8 149.8#
129 79.9 79.2 118.8
131 97.5 76.3 114.5



#71
Bromoform
Concen: 0.462 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 836.4 23.8 71.5#
254 0.0 0.0 0.0

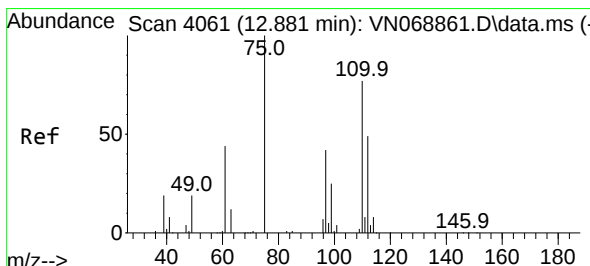
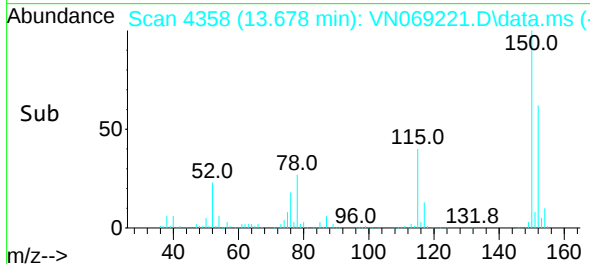
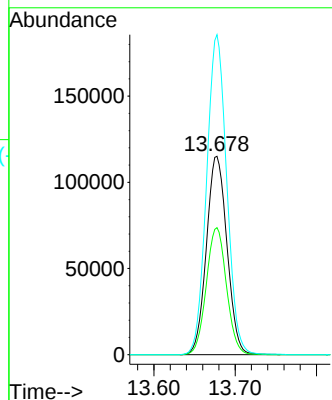
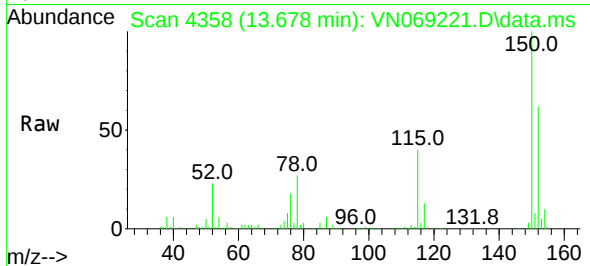




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

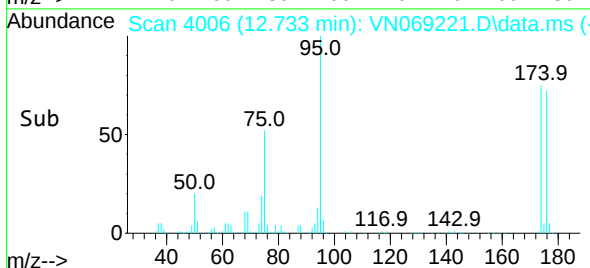
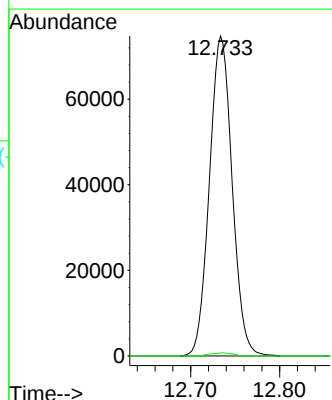
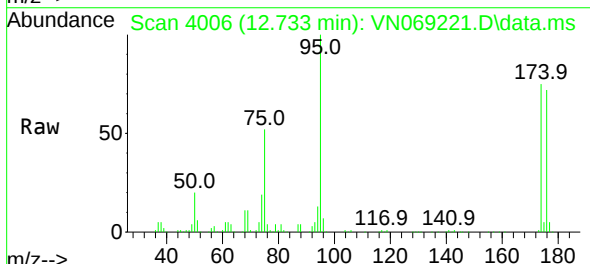
Instrument :
 MSVOA_N
 ClientSampled :

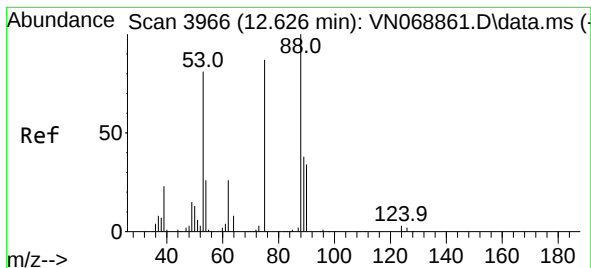
Tgt Ion:152 Resp: 202308
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.4 94.3
 150 157.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.797 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069221.D
 Acq: 27 Oct 2021 16:22

Tgt Ion: 75 Resp: 132567
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.2 288.4#

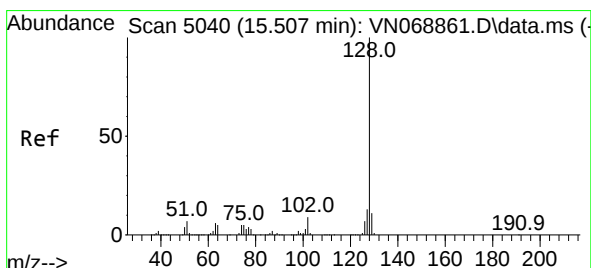
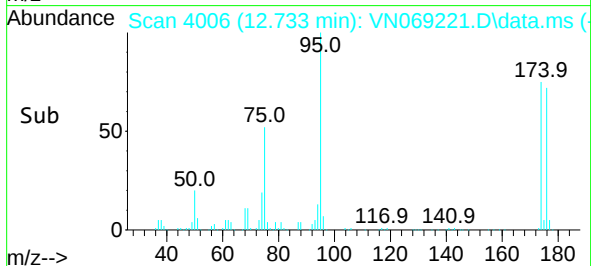
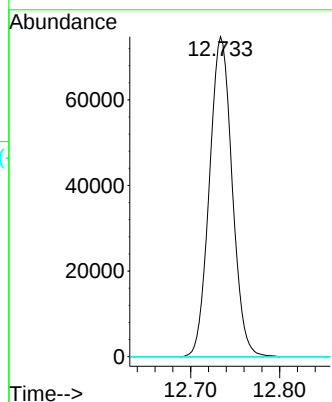
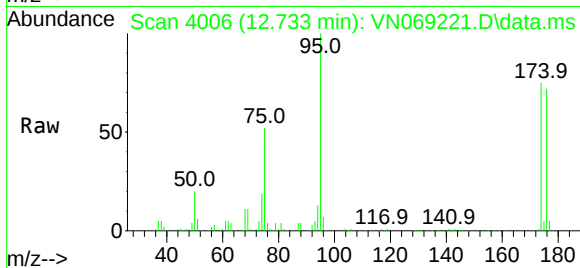




#81
trans-1,4-Dichloro-2-butene
Concen: 73.680 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 132567
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.868 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069221.D
Acq: 27 Oct 2021 16:22

Tgt Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

