

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069212.D
 Acq On : 27 Oct 2021 12:25
 Operator : JC/MD
 Sample : VN1027WBL03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:20:14 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)

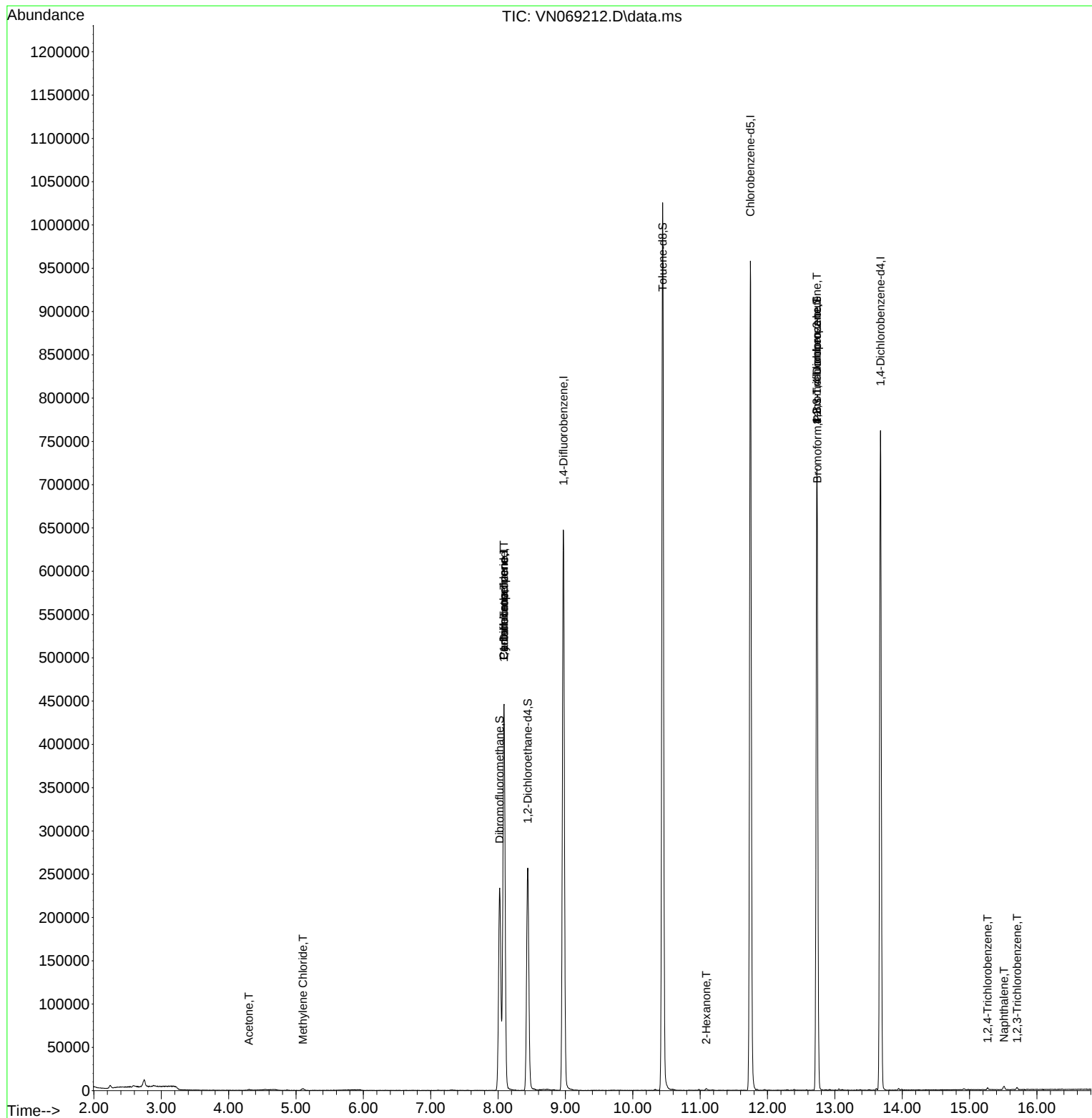
Internal Standards						
1) Pentafluorobenzene	8.088	168	334684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	585348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	560566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	206672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	222504	50.424	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.840%			
35) Dibromofluoromethane	8.024	113	172608	50.683	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.360%			
50) Toluene-d8	10.443	98	737138	54.096	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.200%			
62) 4-Bromofluorobenzene	12.733	95	257900	50.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.320%			
Target Compounds						Qvalue
16) Acetone	4.299	43	1486	0.902	ug/l #	44
20) Methylene Chloride	5.103	84	1142	0.301	ug/l	95
31) Cyclohexane	8.088	56	7780	1.134	ug/l #	10
36) 1,1-Dichloropropene	8.086	75	27636	5.527	ug/l #	49
38) Carbon Tetrachloride	8.088	117	36189	6.590	ug/l #	15
59) 2-Hexanone	11.089	43	1819	0.480	ug/l	93
71) Bromoform	12.739	173	1083	0.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	138331	31.458	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	138331	75.260	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	876	2.841	ug/l #	79
95) Naphthalene	15.509	128	4744	4.269	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	1305	2.889	ug/l #	79

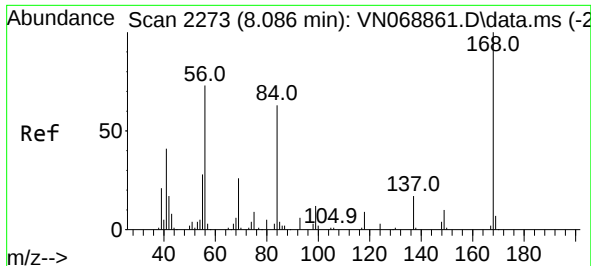
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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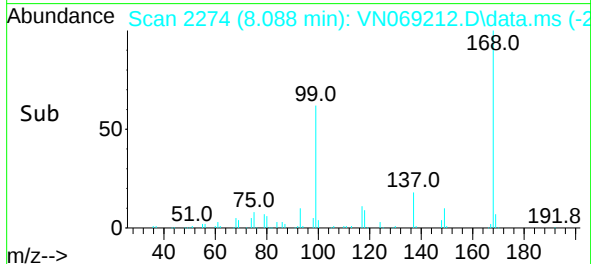
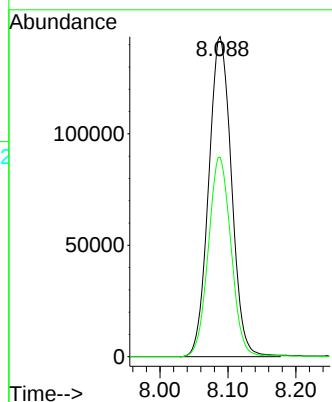
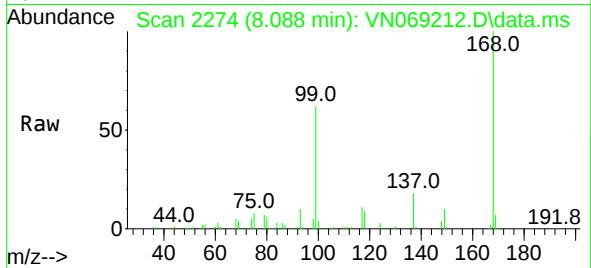




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

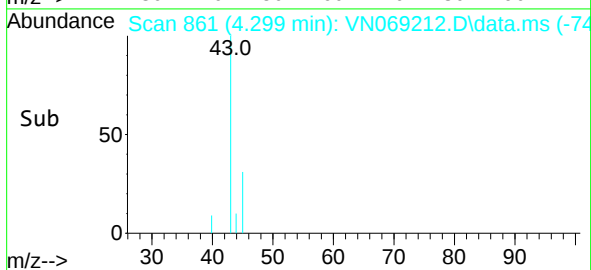
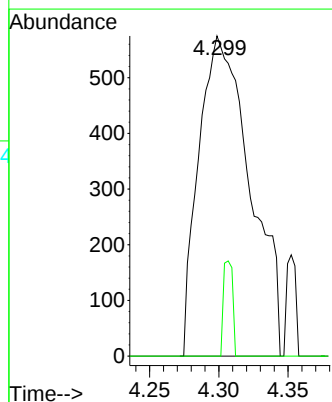
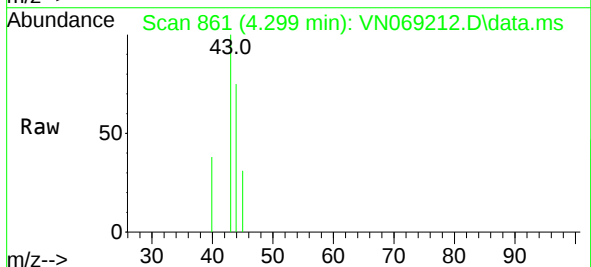
Instrument :
MSVOA_N
ClientSampled :

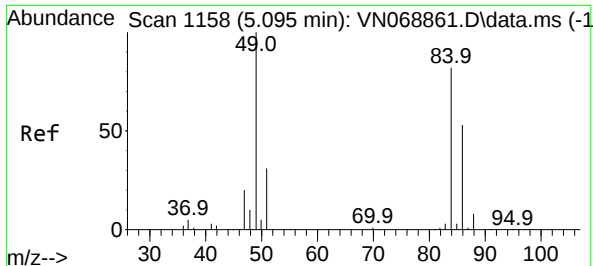
Tgt Ion:168 Resp: 334684
Ion Ratio Lower Upper
168 100
99 62.4 48.9 73.3



#16
Acetone
Concen: 0.902 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#





#20

Methylene Chloride

Concen: 0.301 ug/l

RT: 5.103 min Scan# 1161

Delta R.T. 0.008 min

Lab File: VN069212.D

Acq: 27 Oct 2021 12:25

Tgt Ion: 84 Resp: 1142

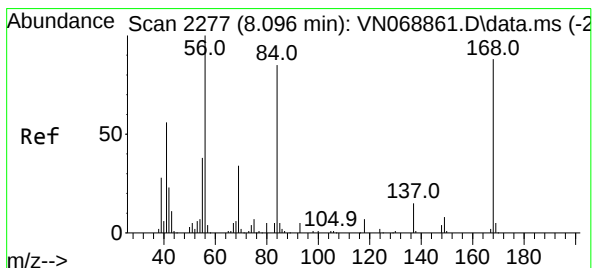
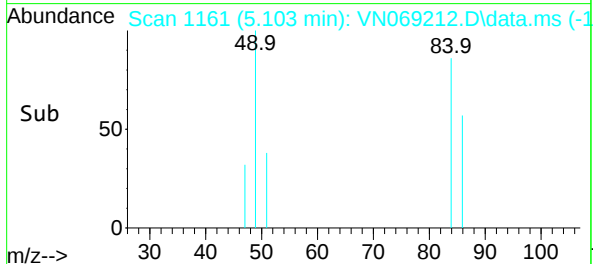
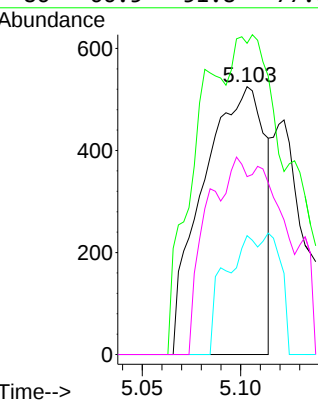
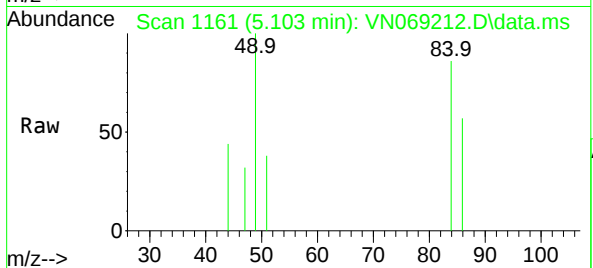
Ion Ratio Lower Upper

84 100

49 116.2 97.6 146.4

51 44.4 30.3 45.5

86 66.5 51.8 77.6



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.008 min

Lab File: VN069212.D

Acq: 27 Oct 2021 12:25

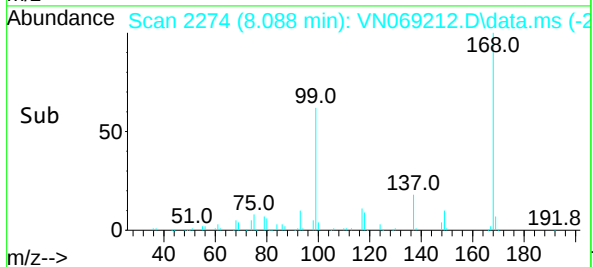
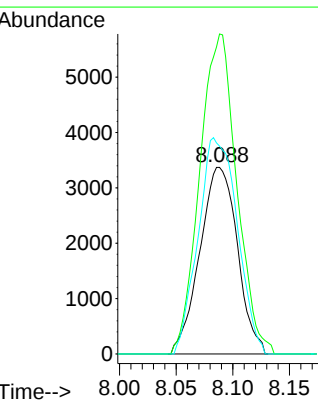
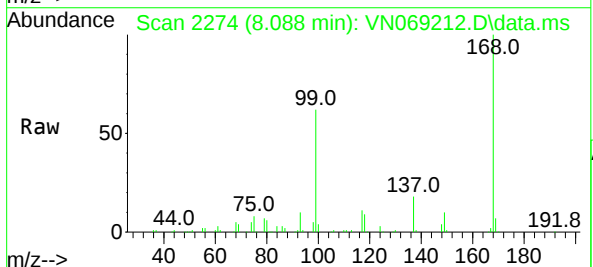
Tgt Ion: 56 Resp: 7780

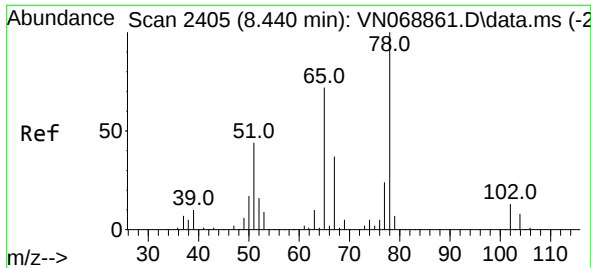
Ion Ratio Lower Upper

56 100

69 171.5 26.9 40.3#

84 111.4 67.6 101.4#

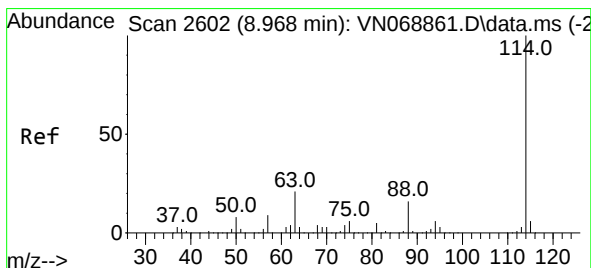
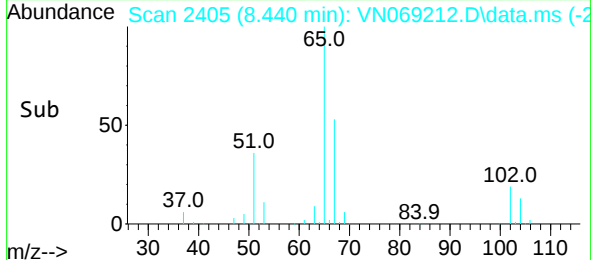
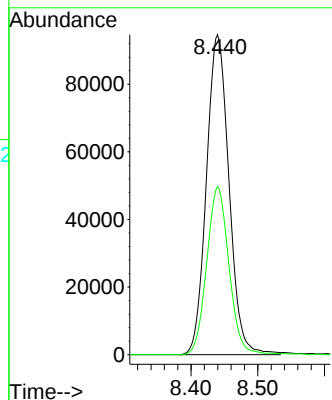
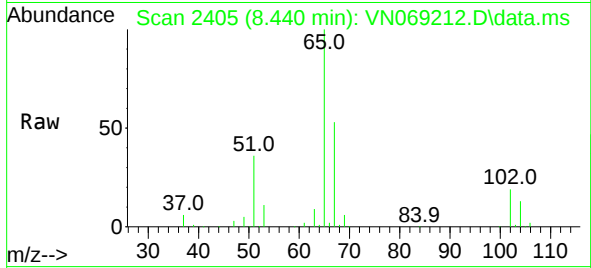




#33
 1,2-Dichloroethane-d4
 Concen: 50.424 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069212.D
 Acq: 27 Oct 2021 12:25

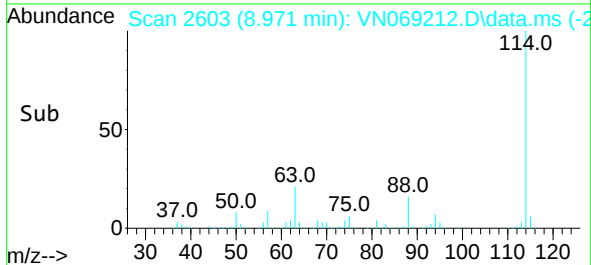
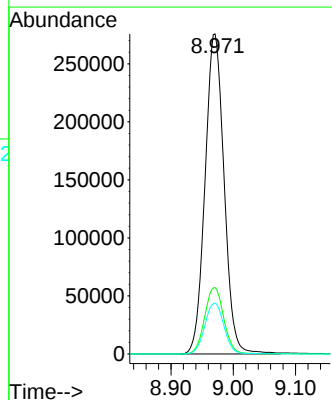
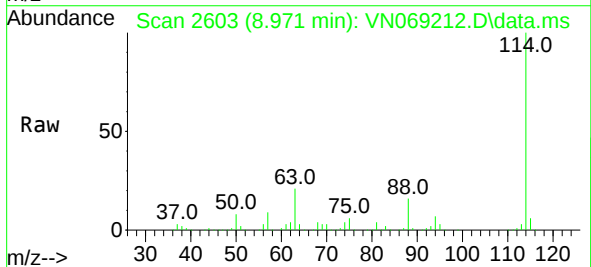
Instrument :
 MSVOA_N
 ClientSampled :

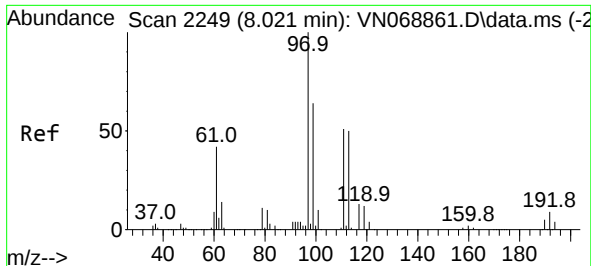
Tgt Ion: 65 Resp: 222504
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069212.D
 Acq: 27 Oct 2021 12:25

Tgt Ion: 114 Resp: 585348
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 15.9 0.0 32.0

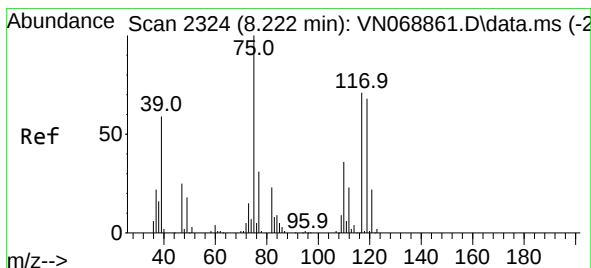
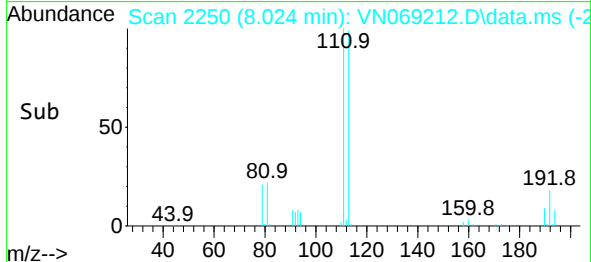
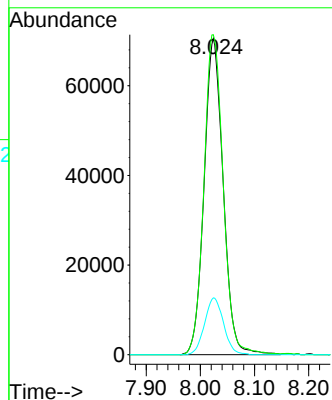
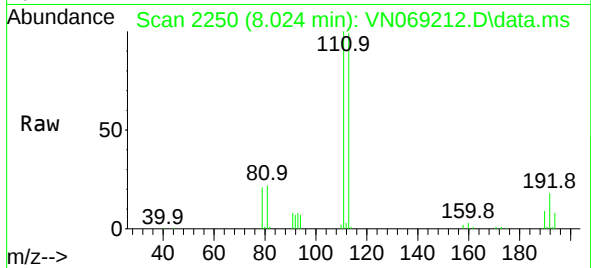




#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

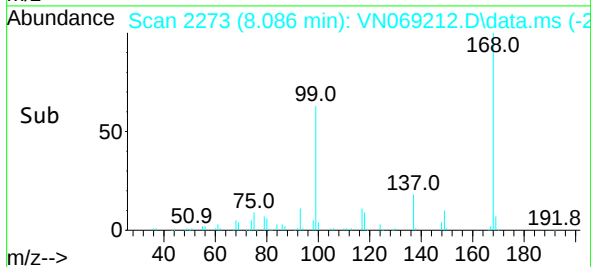
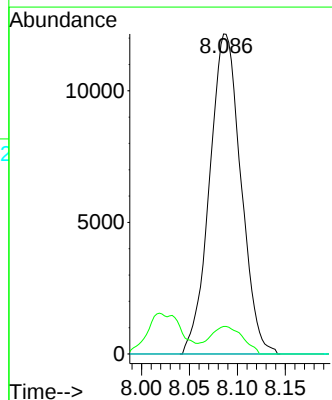
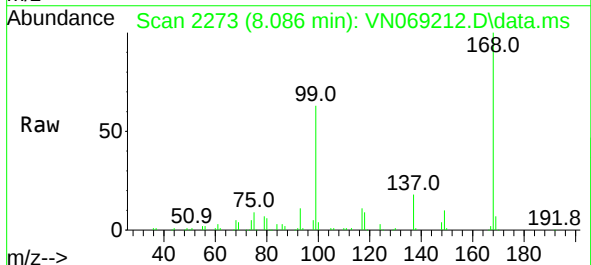
Instrument :
MSVOA_N
ClientSampleId :

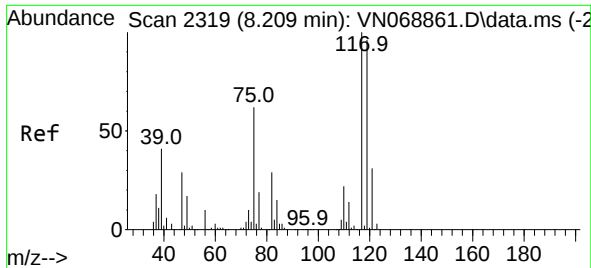
Tgt Ion:113 Resp: 172608
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 17.9 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.527 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

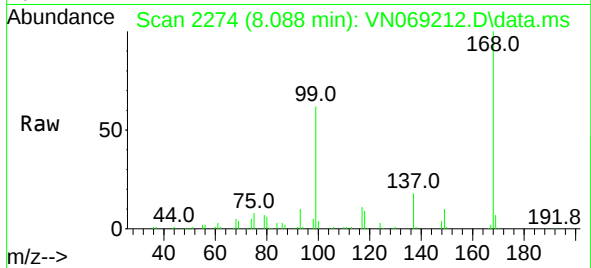
Tgt Ion: 75 Resp: 27636
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#



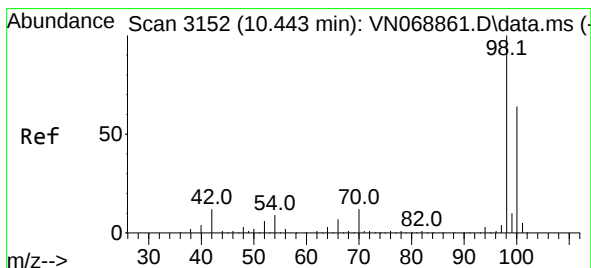
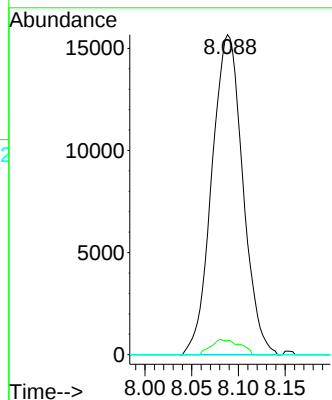
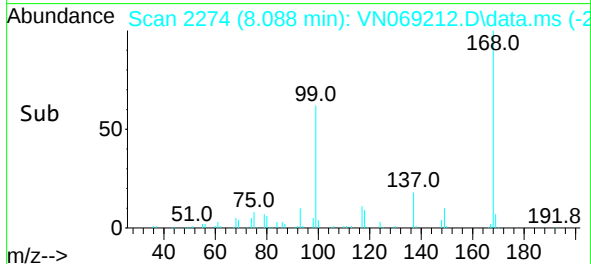


#38
Carbon Tetrachloride
Concen: 6.590 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

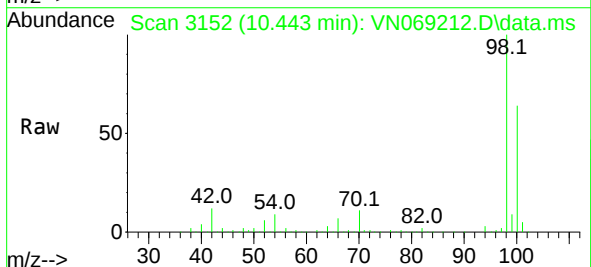
Instrument :
MSVOA_N
ClientSampled :



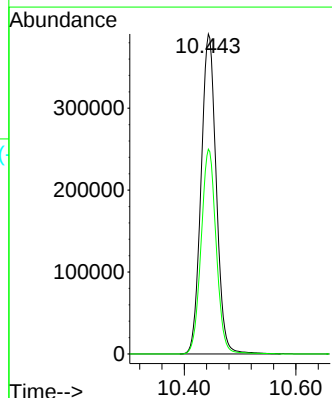
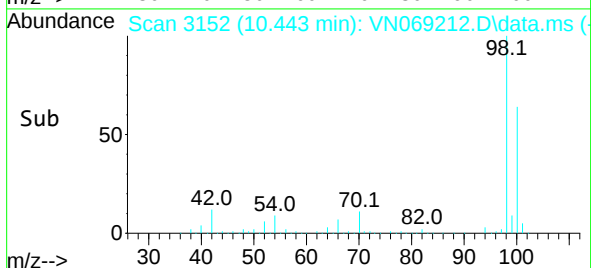
Tgt Ion:117 Resp: 36189
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

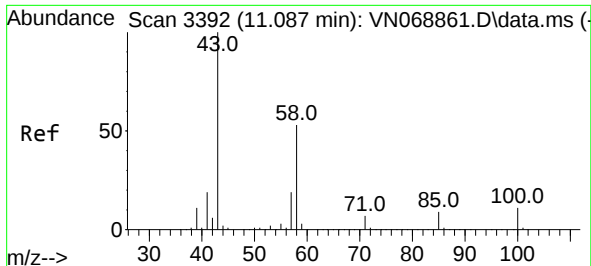


#50
Toluene-d8
Concen: 54.096 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25



Tgt Ion: 98 Resp: 737138
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

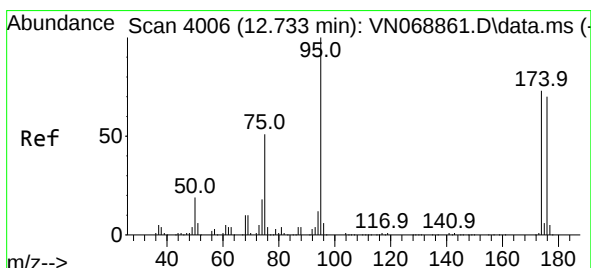
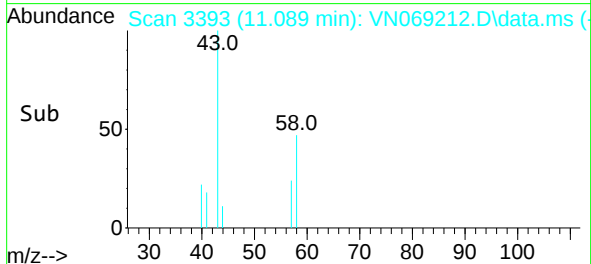
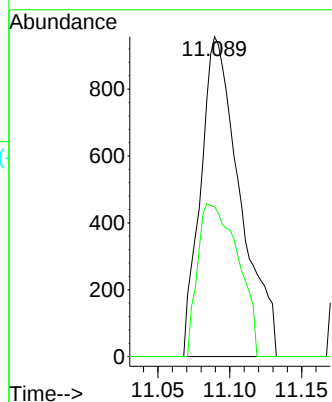
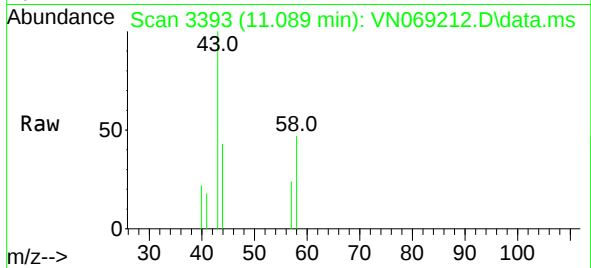




#59
2-Hexanone
Concen: 0.480 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

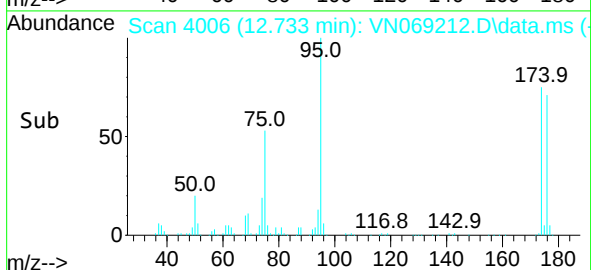
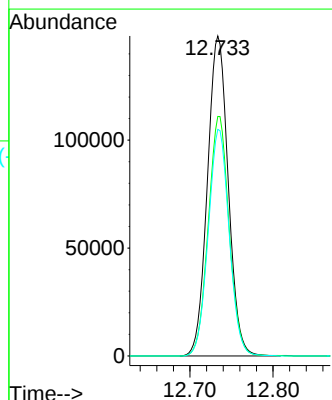
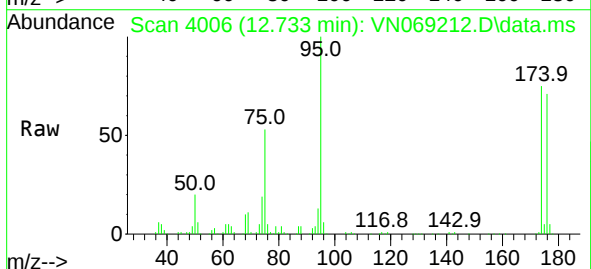
Instrument :
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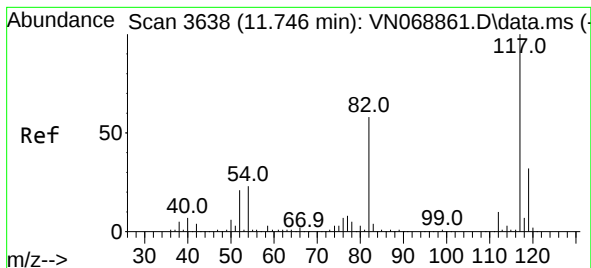
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Tgt Ion: 95 Resp: 257900
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.8
176 71.1 0.0 140.0

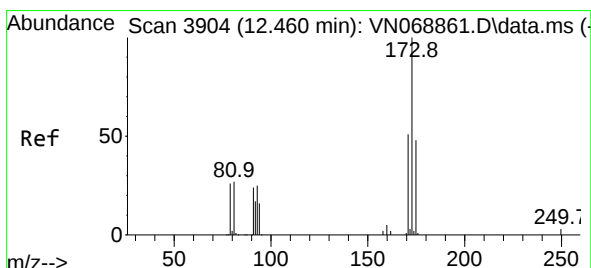
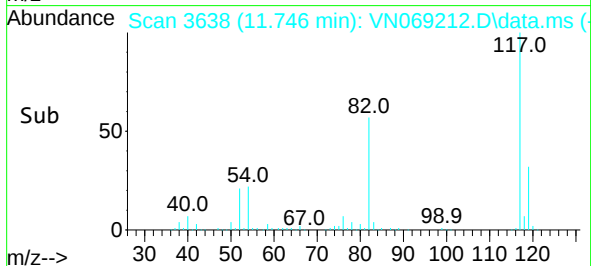
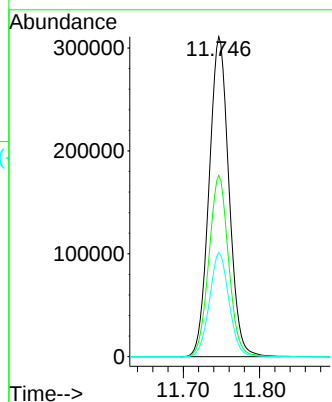
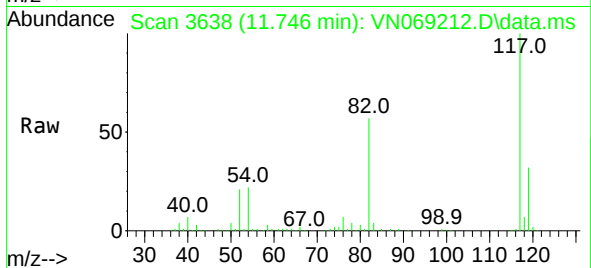




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

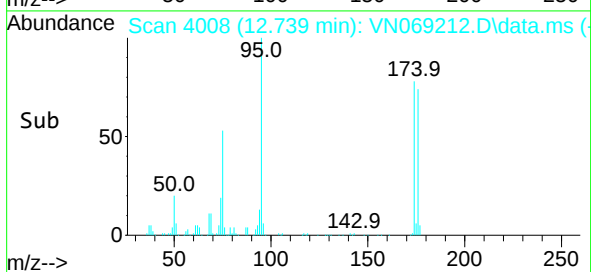
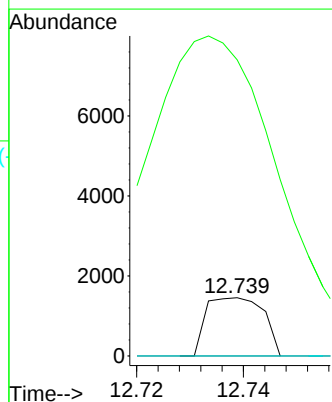
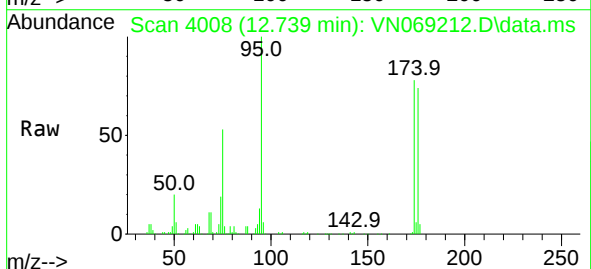
Instrument :
MSVOA_N
ClientSampleId :

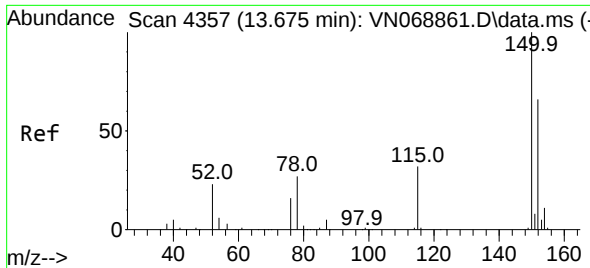
Tgt Ion:117 Resp: 560566
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.5 26.0 39.0



#71
Bromoform
Concen: 0.326 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Tgt Ion:173 Resp: 1083
Ion Ratio Lower Upper
173 100
175 1239.5 23.8 71.5#
254 0.0 0.0 0.0

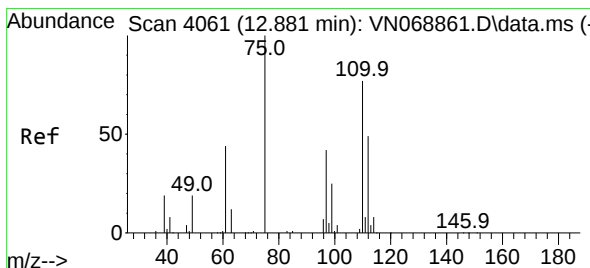
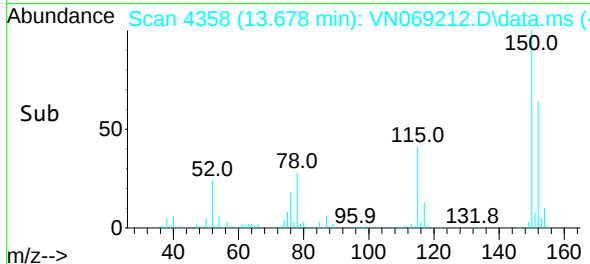
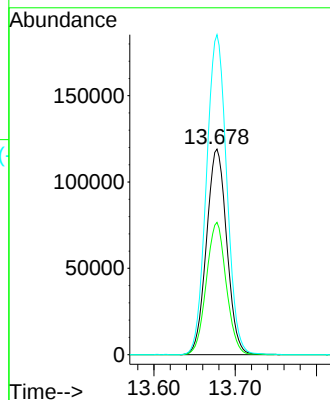
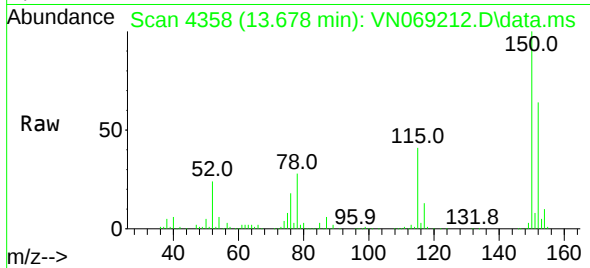




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069212.D
 Acq: 27 Oct 2021 12:25

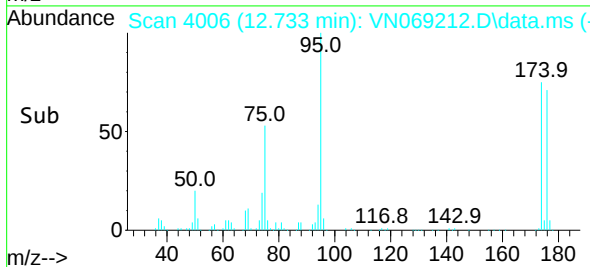
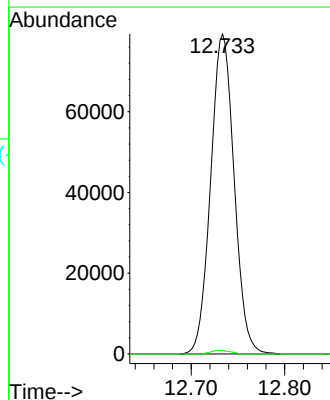
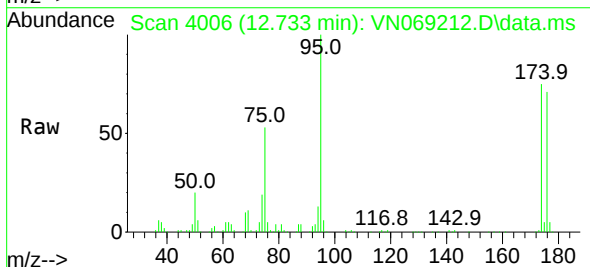
Instrument :
 MSVOA_N
 ClientSampleId :

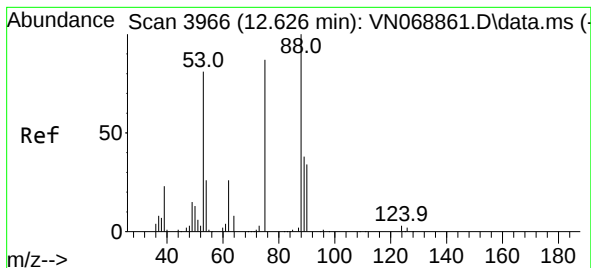
Tgt Ion:152 Resp: 206672
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.4 94.3
 150 155.9 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.458 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069212.D
 Acq: 27 Oct 2021 12:25

Tgt Ion: 75 Resp: 138331
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

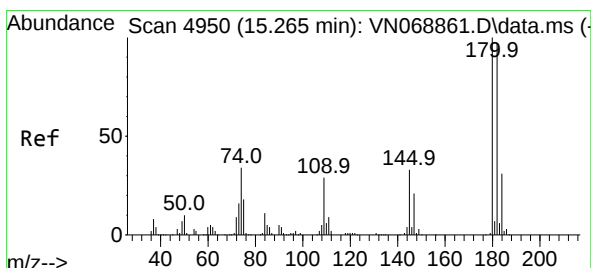
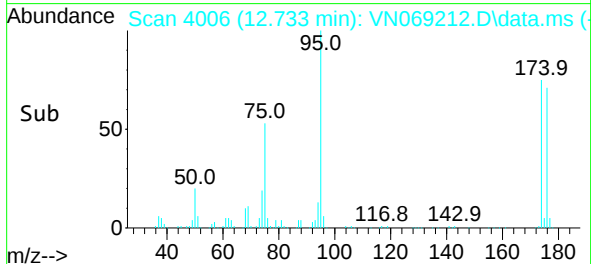
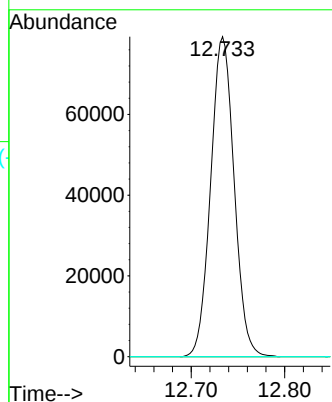
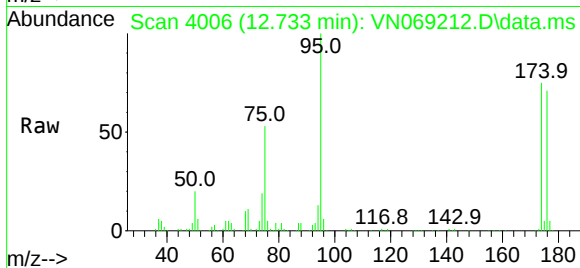




#81
trans-1,4-Dichloro-2-butene
Concen: 75.260 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

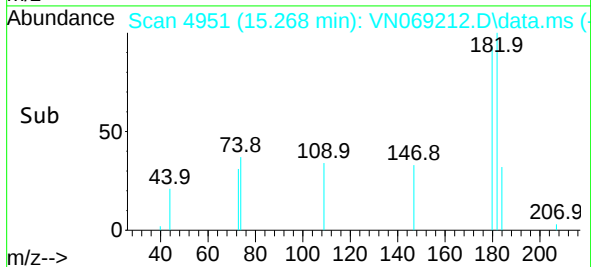
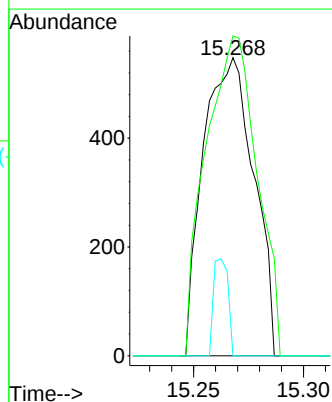
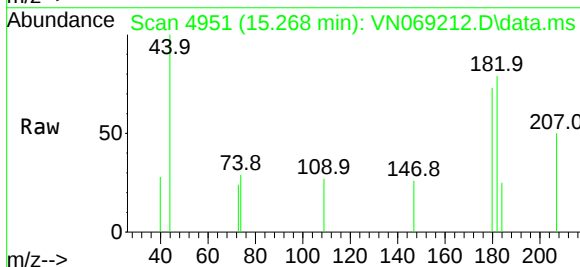
Instrument :
MSVOA_N
ClientSampleId :

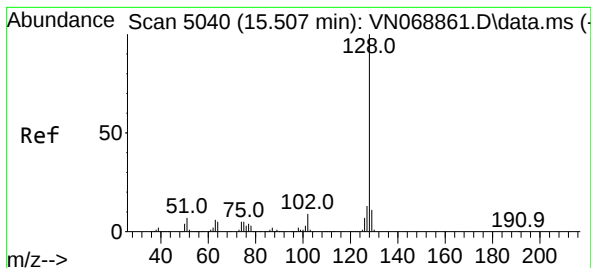
Tgt Ion: 75 Resp: 138331
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.841 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Tgt Ion:180 Resp: 876
Ion Ratio Lower Upper
180 100
182 109.0 47.9 143.7
145 9.4 16.4 49.2#

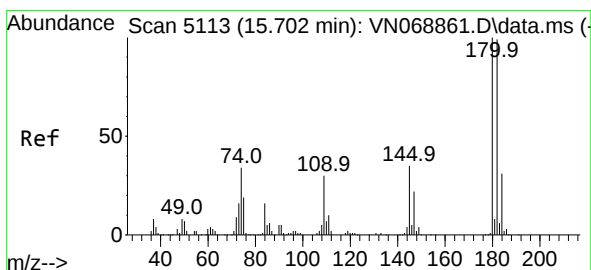
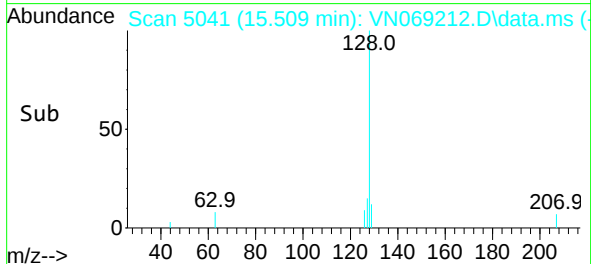
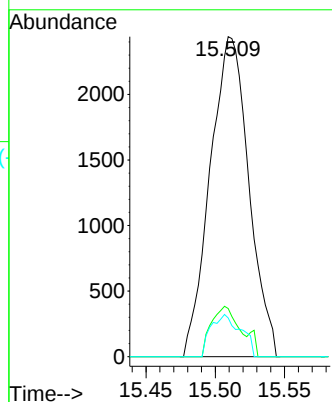
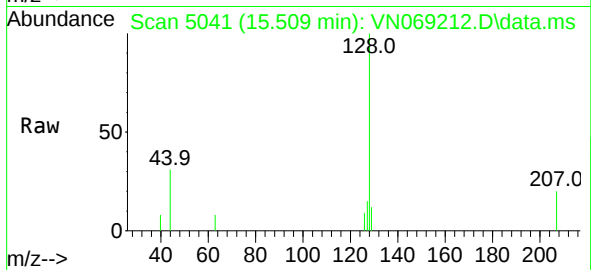




#95
Naphthalene
Concen: 4.269 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	4744
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.5	15.7
129	10.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.889 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069212.D
Acq: 27 Oct 2021 12:25

Tgt Ion:	180	Resp:	1305
Ion Ratio	Lower	Upper	
180	100		
182	80.1	48.1	144.3
145	14.9	17.4	52.2#

