

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077908.D
 Acq On : 25 May 2023 17:38
 Operator : JC\MD
 Sample : 02944-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-438-440

Quant Time: May 26 04:35:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

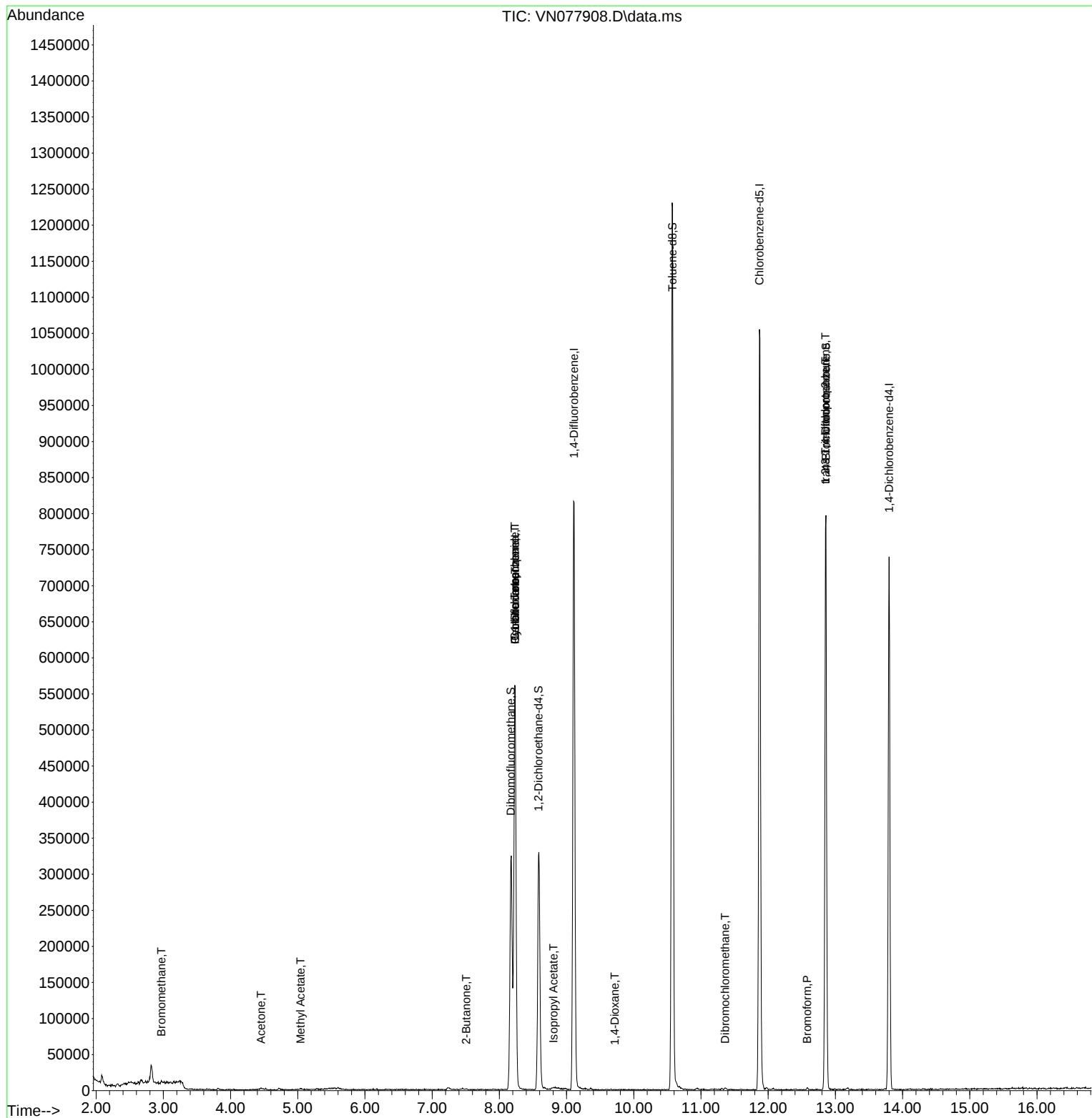
Internal Standards						
1) Pentafluorobenzene	8.235	168	403510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	744086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	645043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	201309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277877	46.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.040%		
35) Dibromofluoromethane	8.171	113	236641	48.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.576	98	919830	49.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.859	95	294242	44.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.220%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1522	Below Cal		89
5) Bromomethane	2.971	94	1839	0.429 ug/l		88
13) Acrolein	4.189	56	184	Below Cal #		58
16) Acetone	4.453	43	2013	1.060 ug/l #		86
18) Methyl Acetate	5.041	43	2357	0.296 ug/l #		67
20) Methylene Chloride	5.265	84	127	Below Cal #		13
25) 2-Butanone	7.506	43	1465	0.493 ug/l #		37
31) Cyclohexane	8.235	56	9464	1.153 ug/l #		40
36) 1,1-Dichloropropene	8.229	75	33968	4.786 ug/l #		48
38) Carbon Tetrachloride	8.229	117	45590	6.362 ug/l #		15
43) Isopropyl Acetate	8.806	43	3645	0.353 ug/l #		49
49) 1,4-Dioxane	9.718	88	57	0.616 ug/l #		30
60) Dibromochloromethane	11.359	129	1659	0.310 ug/l		86
71) Bromoform	12.582	173	968	0.301 ug/l #		92
76) 1,2,3-Trichloropropane	12.853	75	154887	30.722 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.853	75	154887	98.205 ug/l #		15

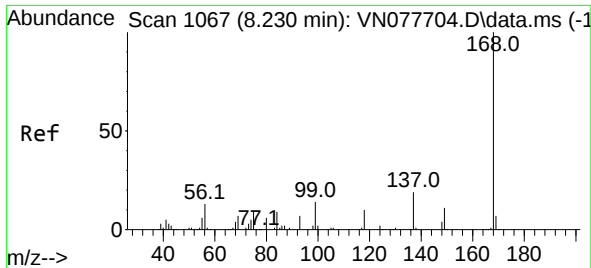
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
Data File : VN077908.D
Acq On : 25 May 2023 17:38
Operator : JC\MD
Sample : 02944-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

Quant Time: May 26 04:35:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

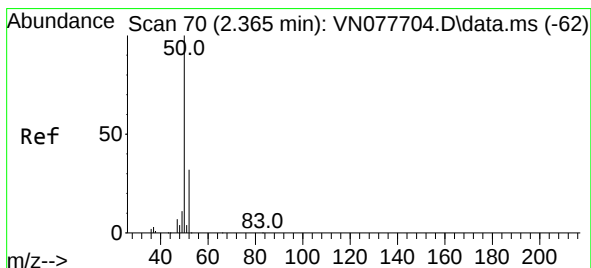
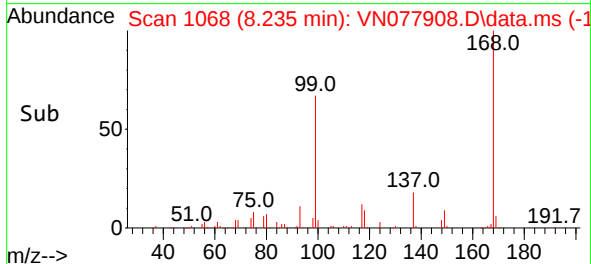
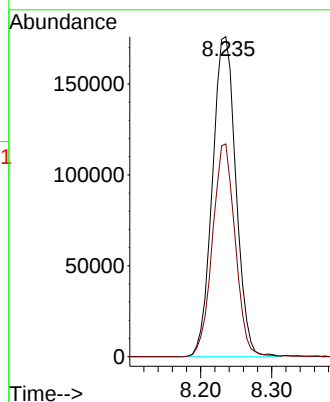
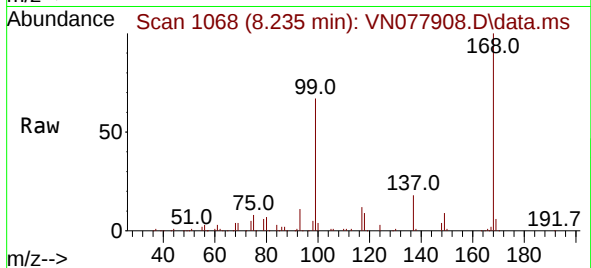




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

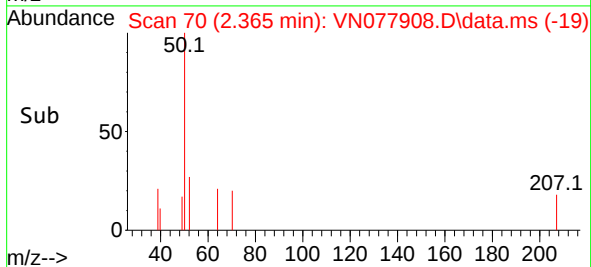
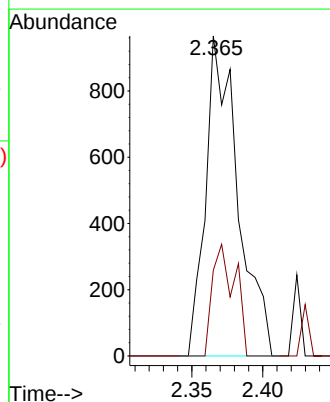
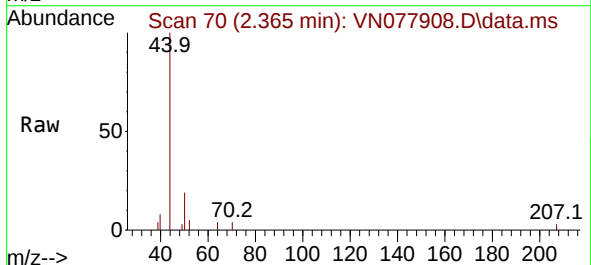
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

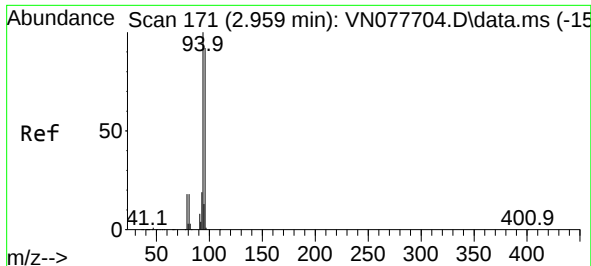
Tgt Ion:168 Resp: 403510
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 50 Resp: 1522
Ion Ratio Lower Upper
50 100
52 26.8 26.5 39.7

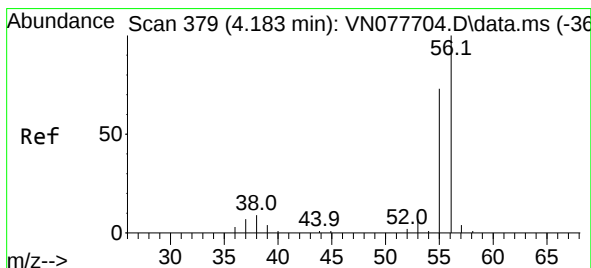
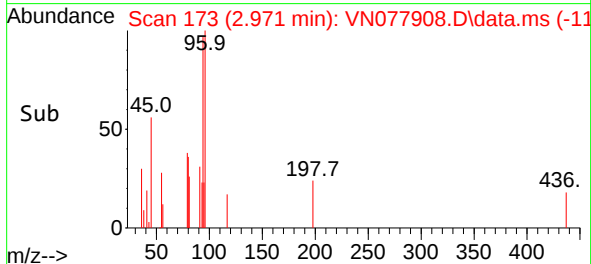
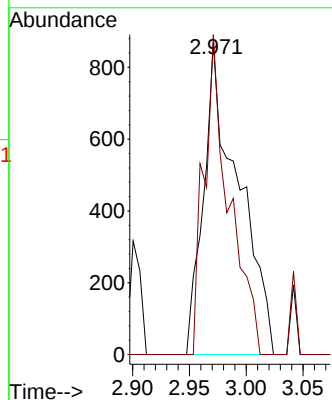
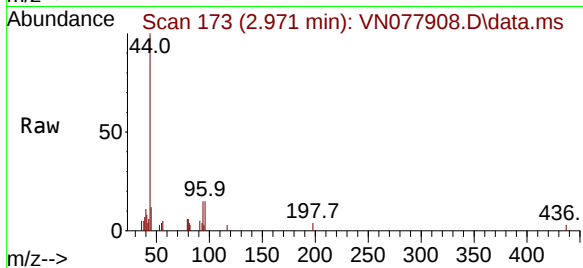




#5
Bromomethane
Concen: 0.429 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

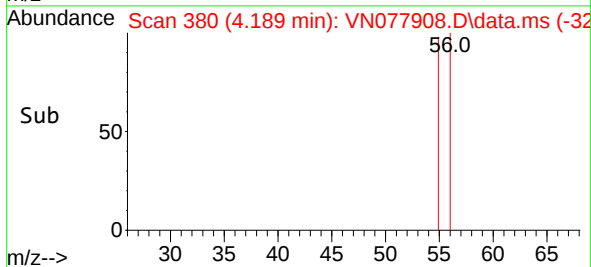
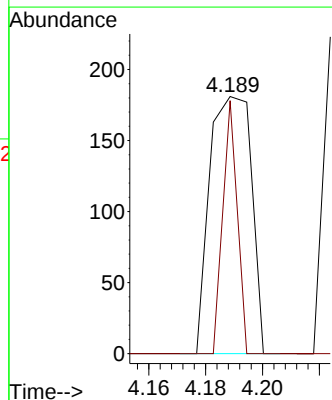
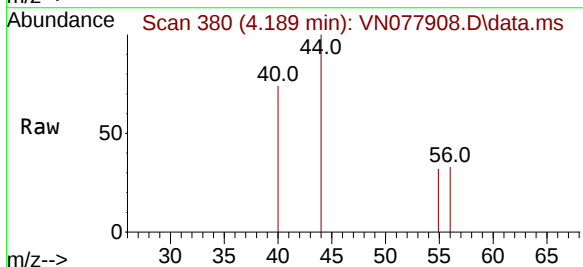
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

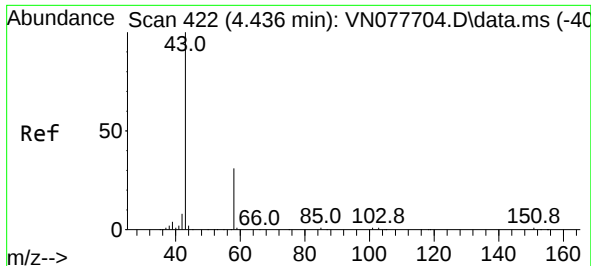
Tgt Ion: 94 Resp: 1839
Ion Ratio Lower Upper
94 100
96 102.6 73.1 109.7



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 34.2 54.5 81.7#

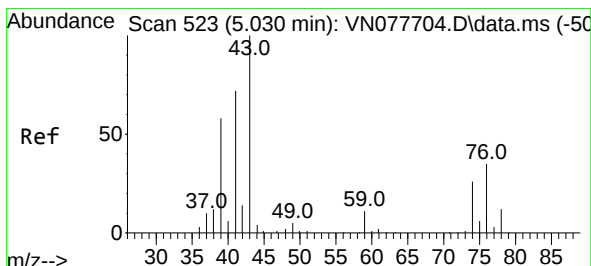
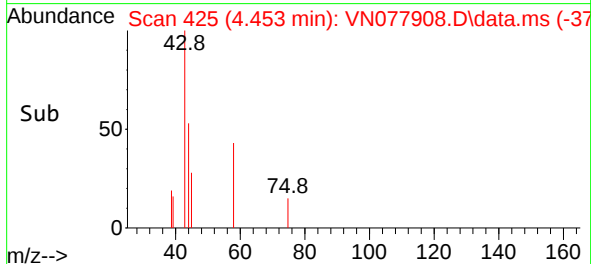
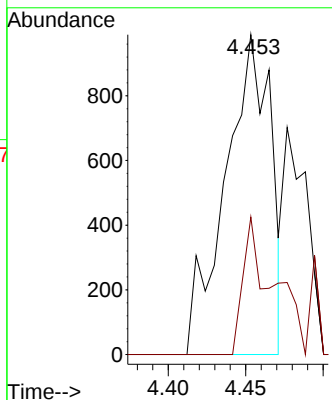
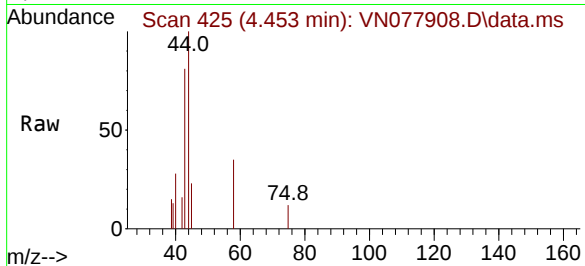




#16
Acetone
Concen: 1.060 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

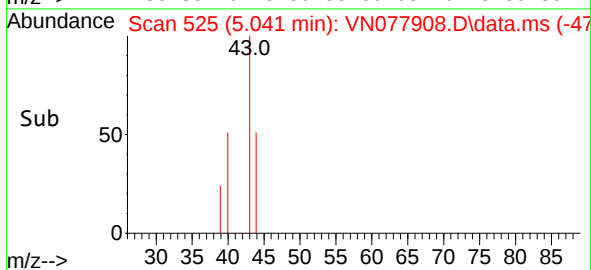
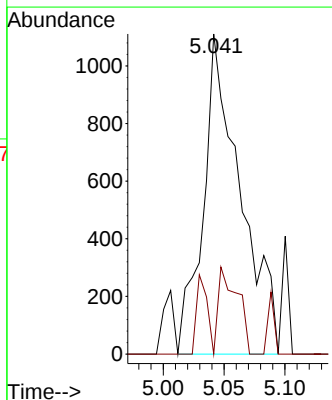
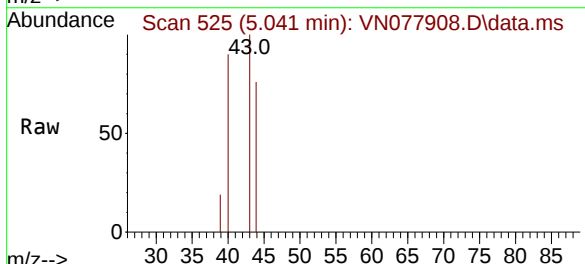
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

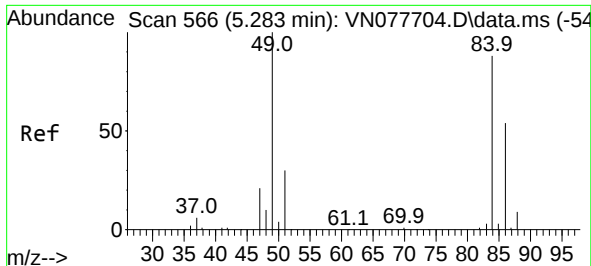
Tgt Ion: 43 Resp: 2013
Ion Ratio Lower Upper
43 100
58 43.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
74 14.1 26.2 39.4#

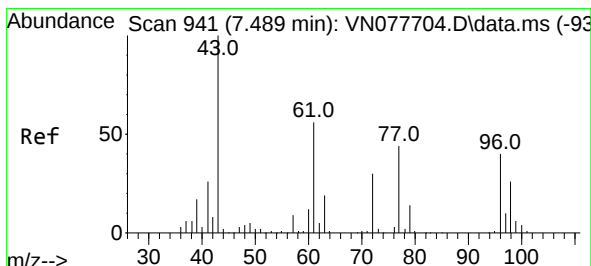
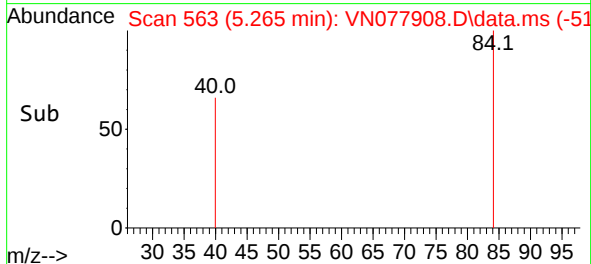
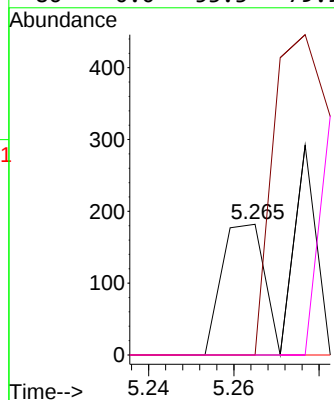
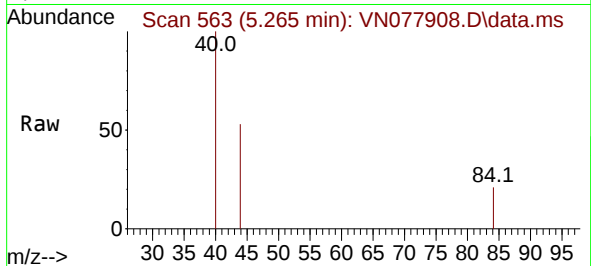




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

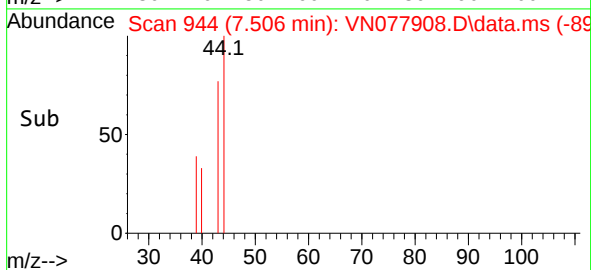
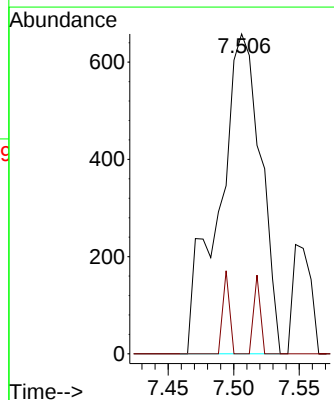
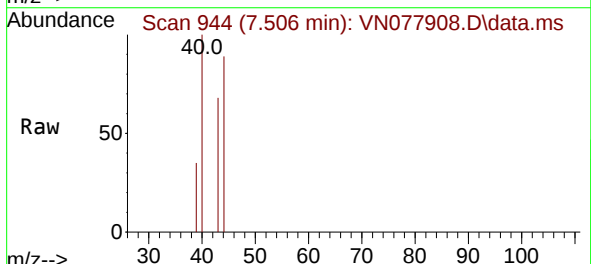
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

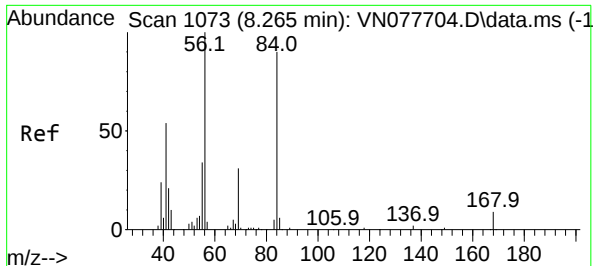
Tgt Ion: 84	Resp:	127	
Ion	Ratio	Lower	Upper
84	100		
49	0.0	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#25
2-Butanone
Concen: 0.493 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

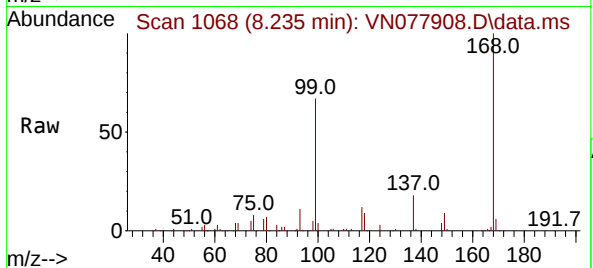
Tgt Ion: 43	Resp:	1465	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#



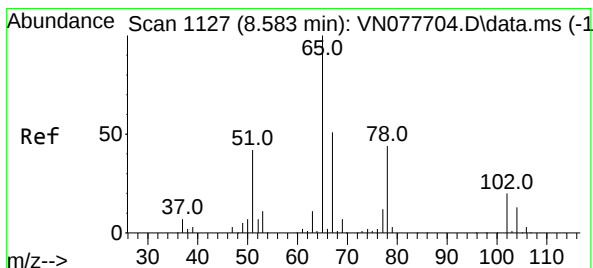
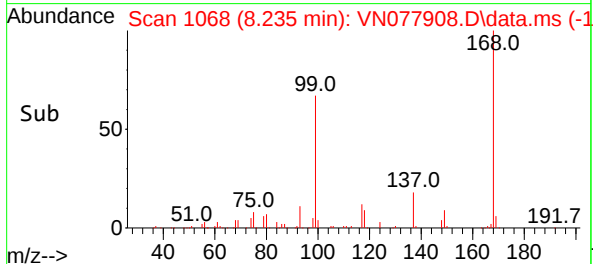
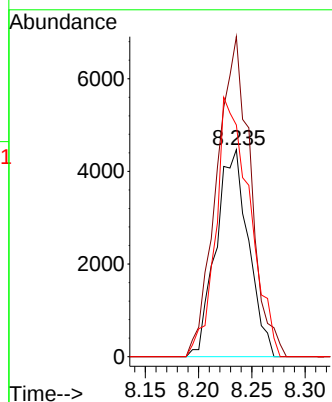


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

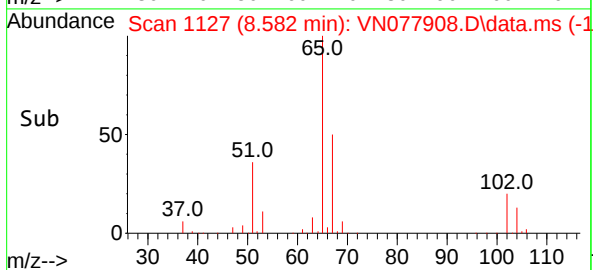
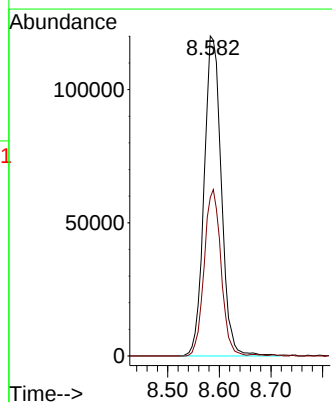
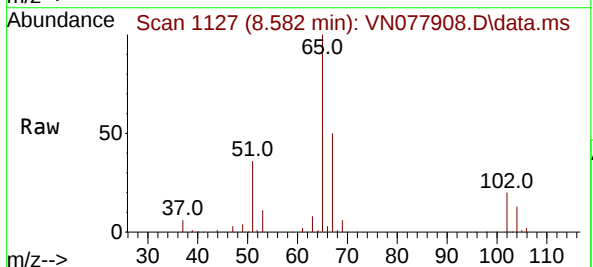


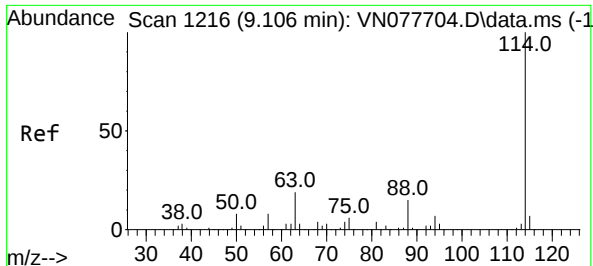
Tgt Ion: 56 Resp: 9464
Ion Ratio Lower Upper
56 100
69 154.5 26.8 40.2#
84 111.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 46.025 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 65 Resp: 277877
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-438-440

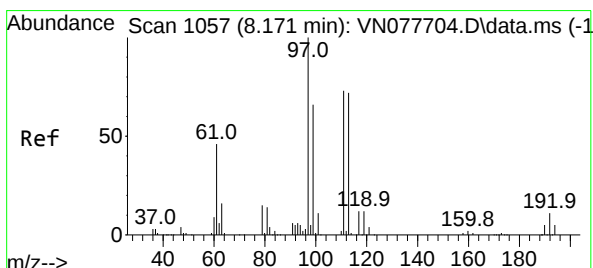
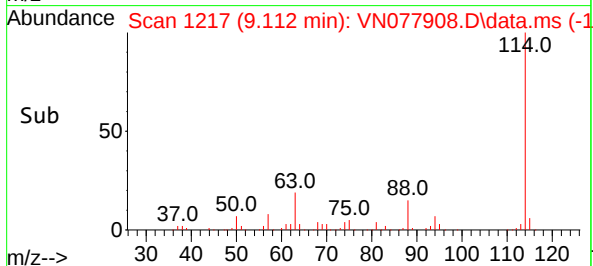
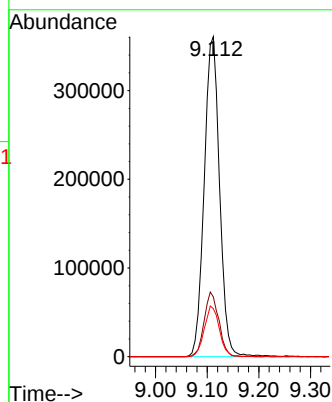
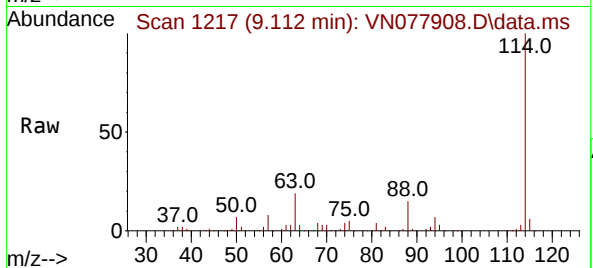
Tgt Ion:114 Resp: 744086

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.771 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

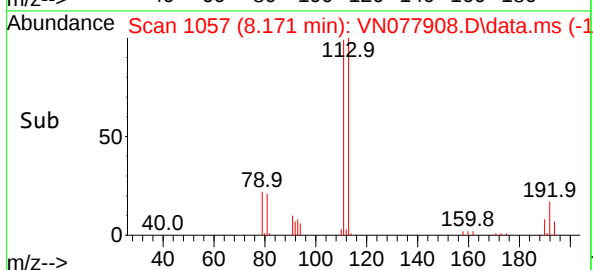
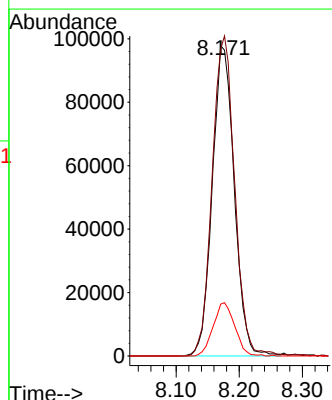
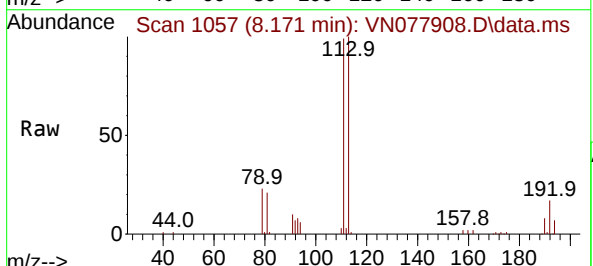
Tgt Ion:113 Resp: 236641

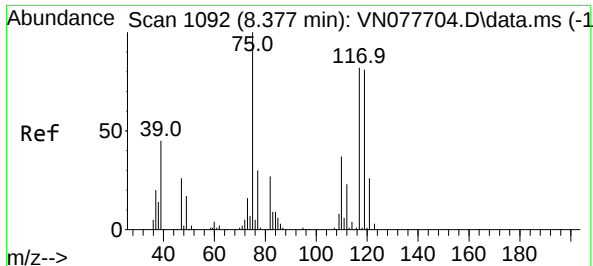
Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 16.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.786 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-438-440

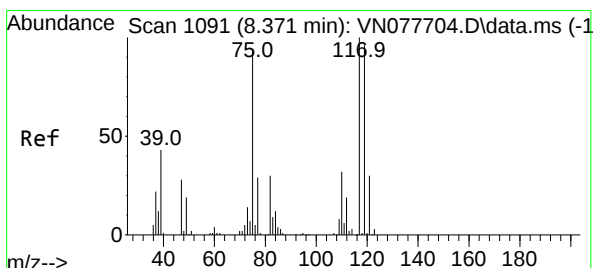
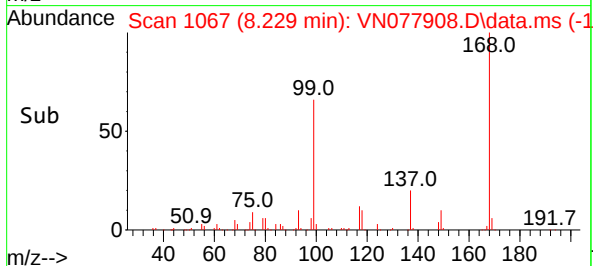
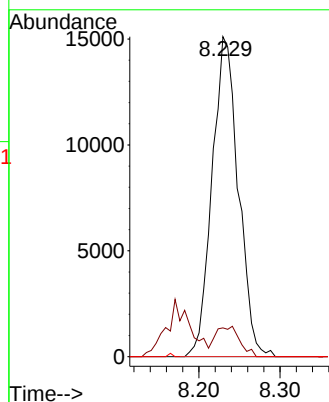
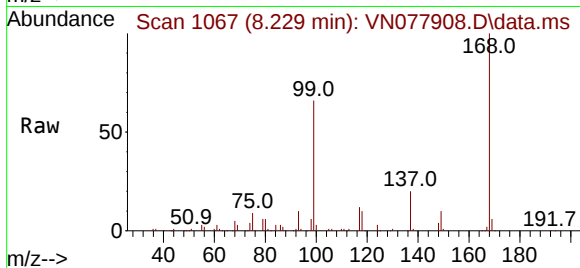
Tgt Ion: 75 Resp: 33968

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.362 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

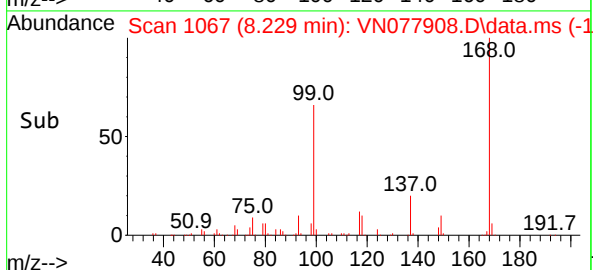
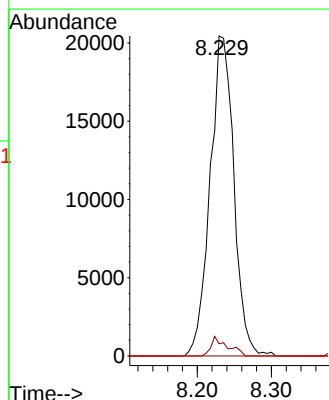
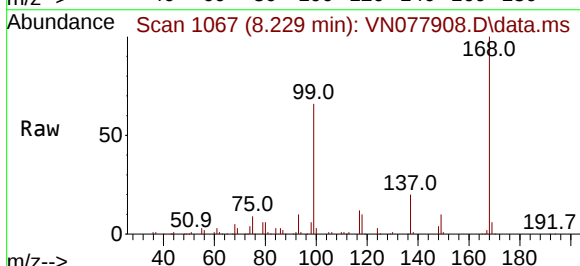
Tgt Ion: 117 Resp: 45590

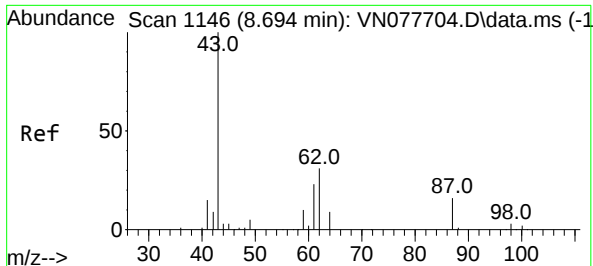
Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

121 0.0 23.3 34.9#

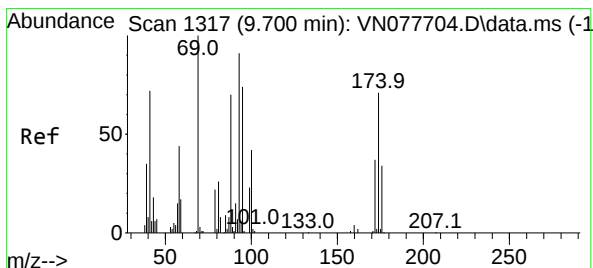
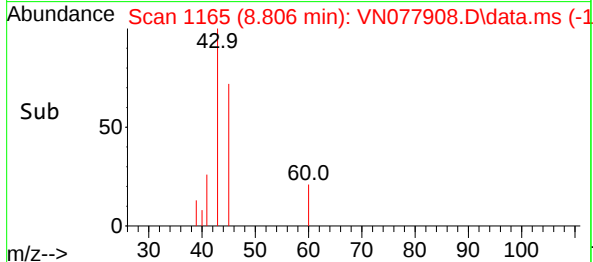
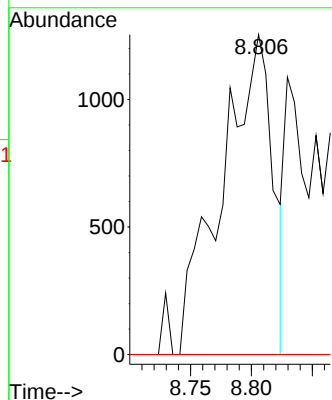
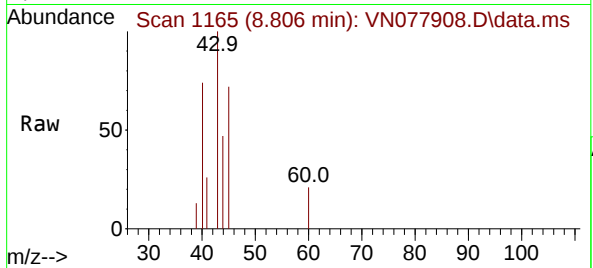




#43
Isopropyl Acetate
Concen: 0.353 ug/l
RT: 8.806 min Scan# 1165
Delta R.T. 0.112 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

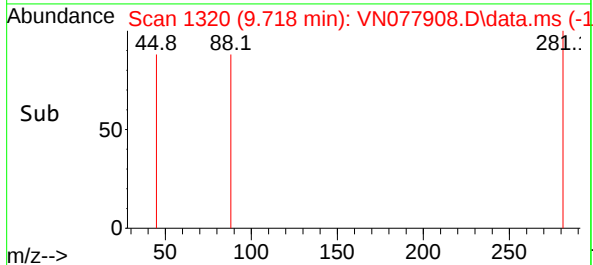
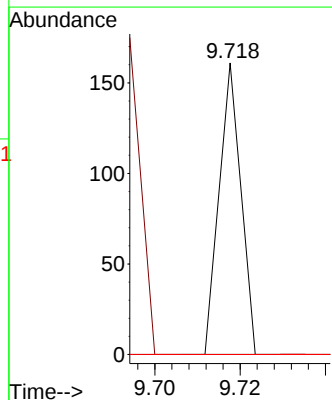
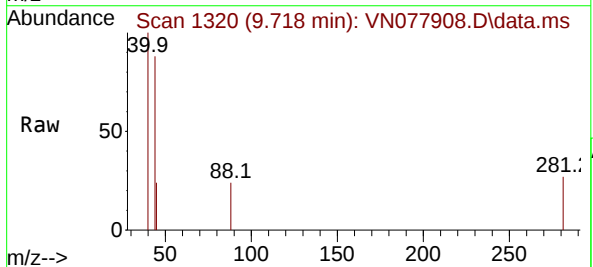
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

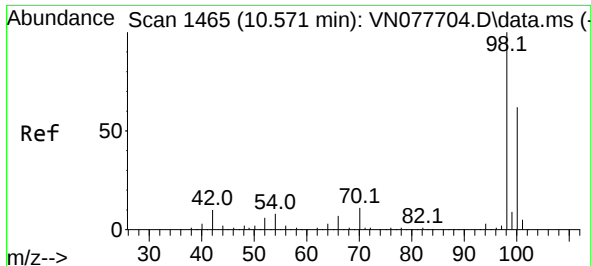
Tgt Ion: 43 Resp: 3645
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 0.616 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.024 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

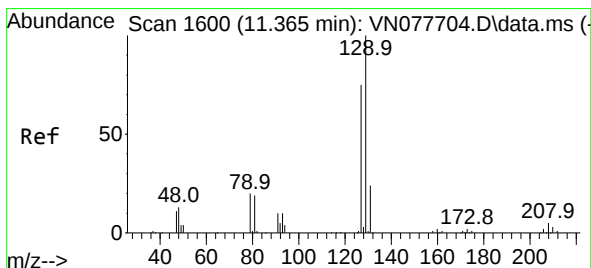
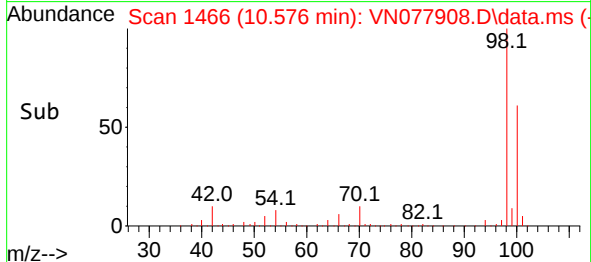
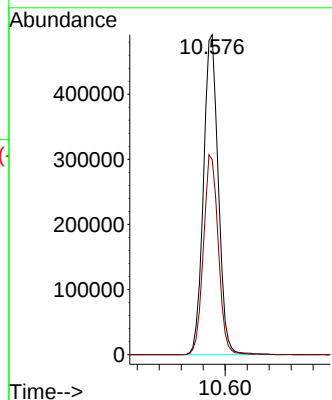
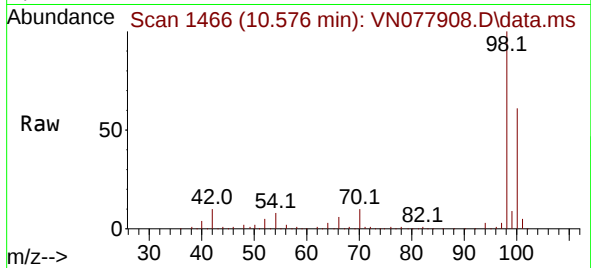




#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

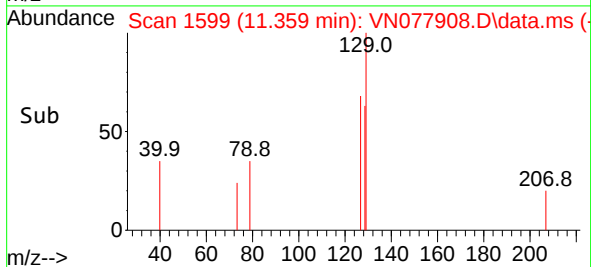
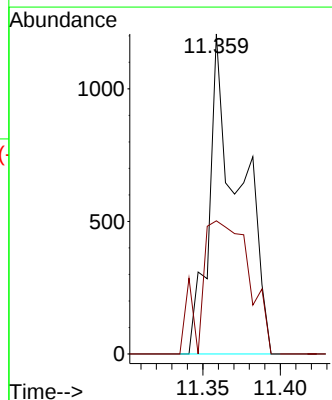
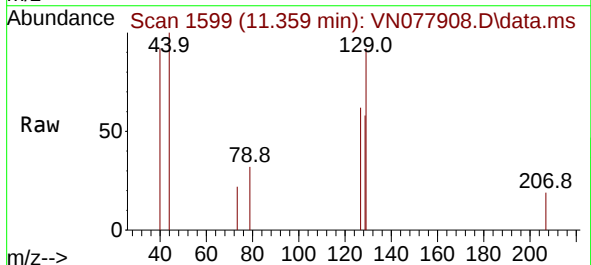
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

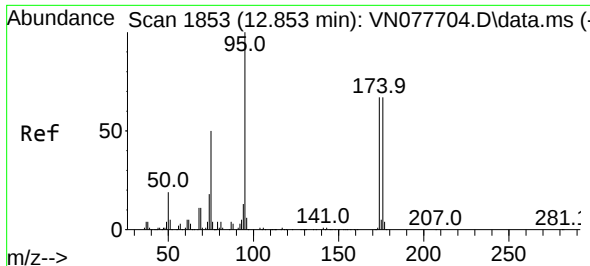
Tgt Ion: 98 Resp: 919830
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#60
Dibromochloromethane
Concen: 0.310 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion:129 Resp: 1659
Ion Ratio Lower Upper
129 100
127 65.6 38.6 116.0

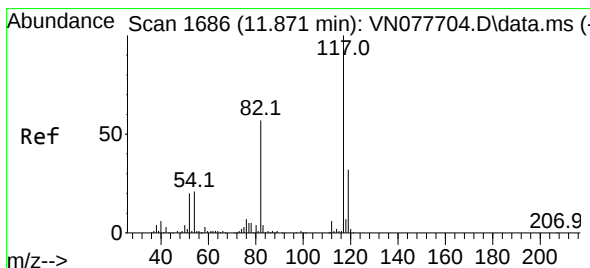
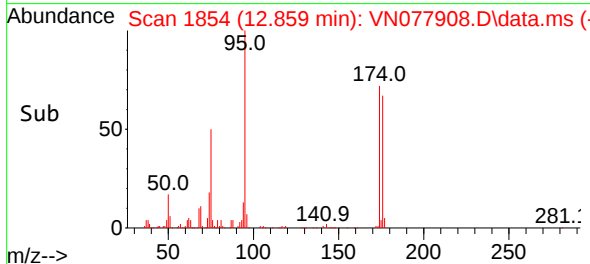
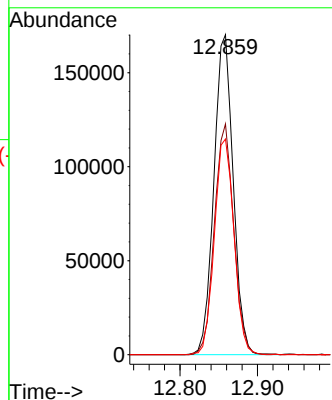
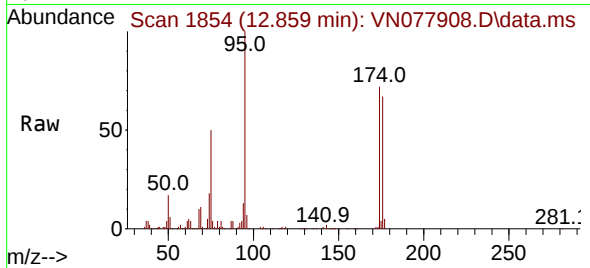




#62
4-Bromofluorobenzene
Concen: 44.609 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

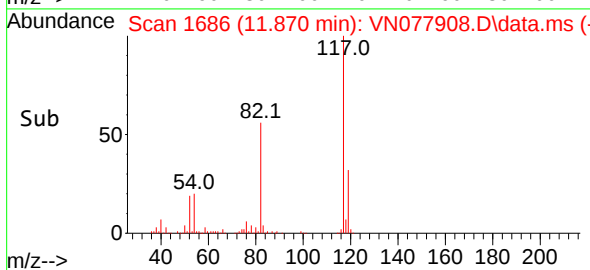
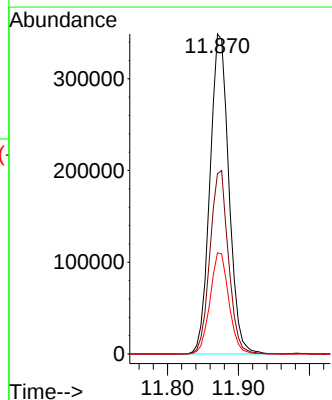
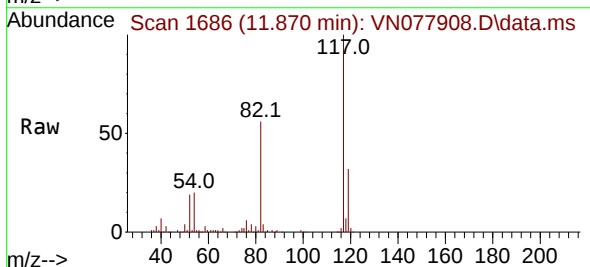
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

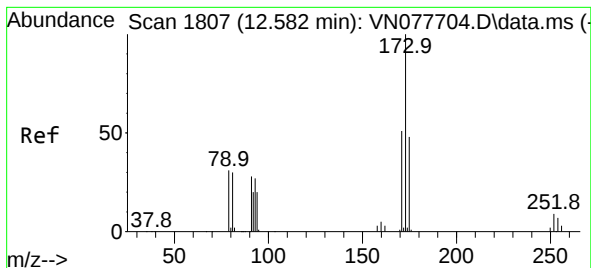
Tgt Ion: 95 Resp: 294242
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 68.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 117 Resp: 645043
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.301 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-438-440

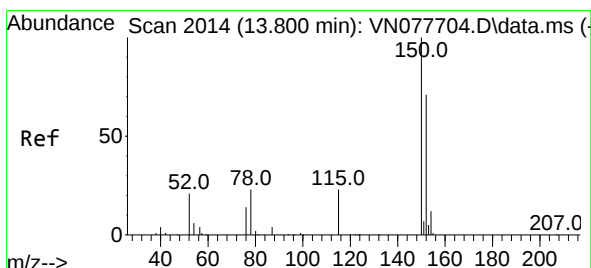
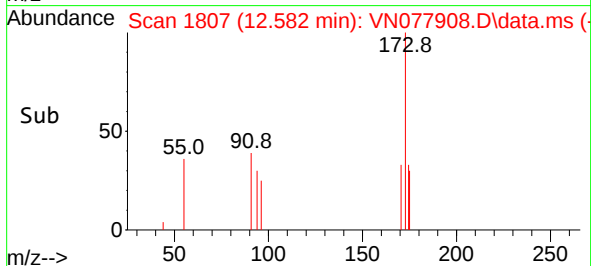
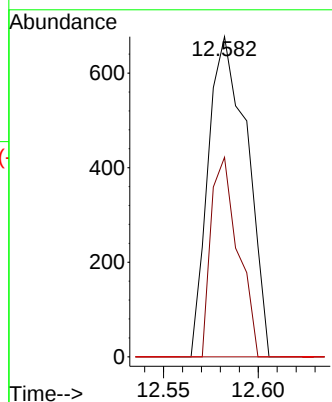
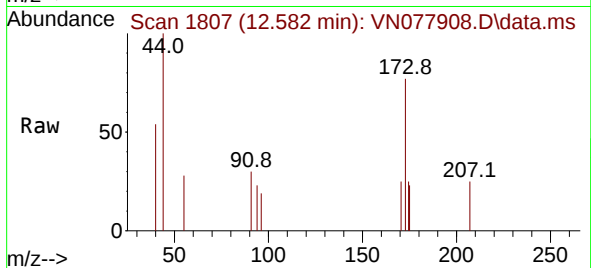
Tgt Ion:173 Resp: 968

Ion Ratio Lower Upper

173 100

175 43.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

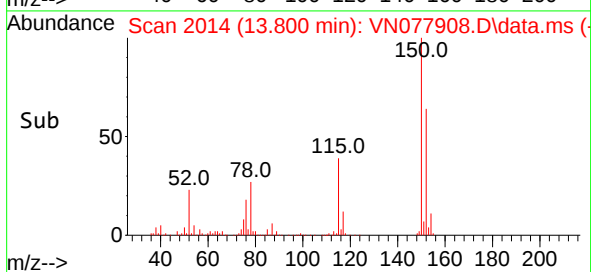
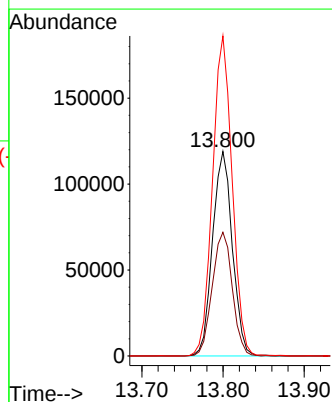
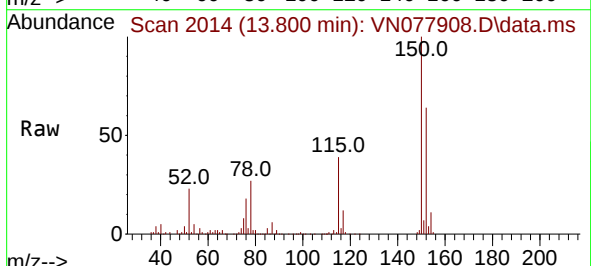
Tgt Ion:152 Resp: 201309

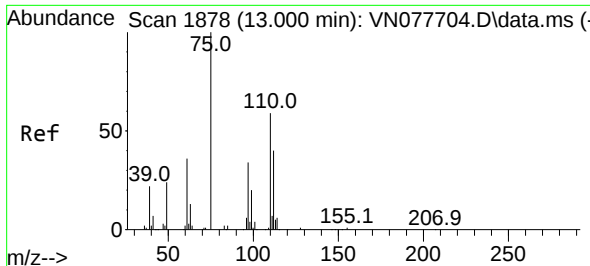
Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 155.4 0.0 355.8

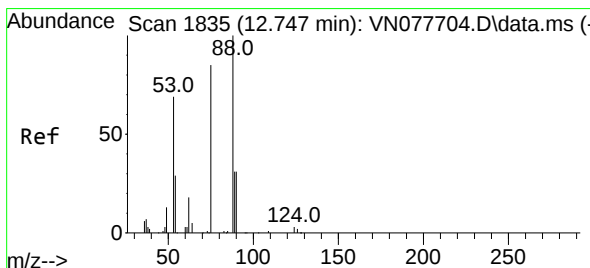
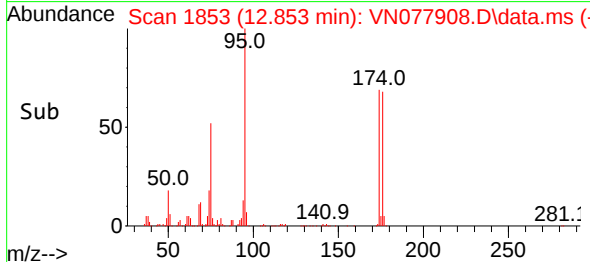
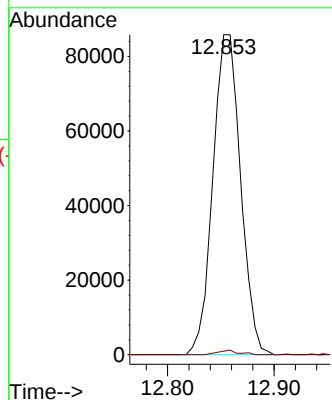
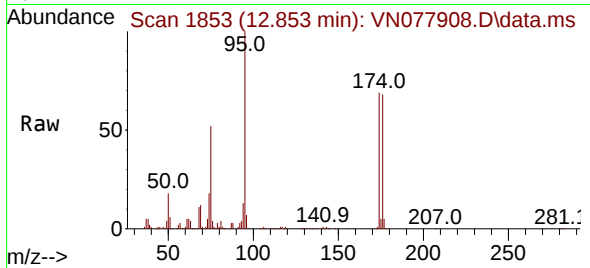




#76
1,2,3-Trichloropropane
Concen: 30.722 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

Tgt Ion: 75 Resp: 154887
Ion Ratio Lower Upper
75 100
77 1.0 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.205 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 75 Resp: 154887
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

