

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077911.D
 Acq On : 25 May 2023 18:50
 Operator : JC\MD
 Sample : 02944-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-498-500

Quant Time: May 26 04:37:19 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)

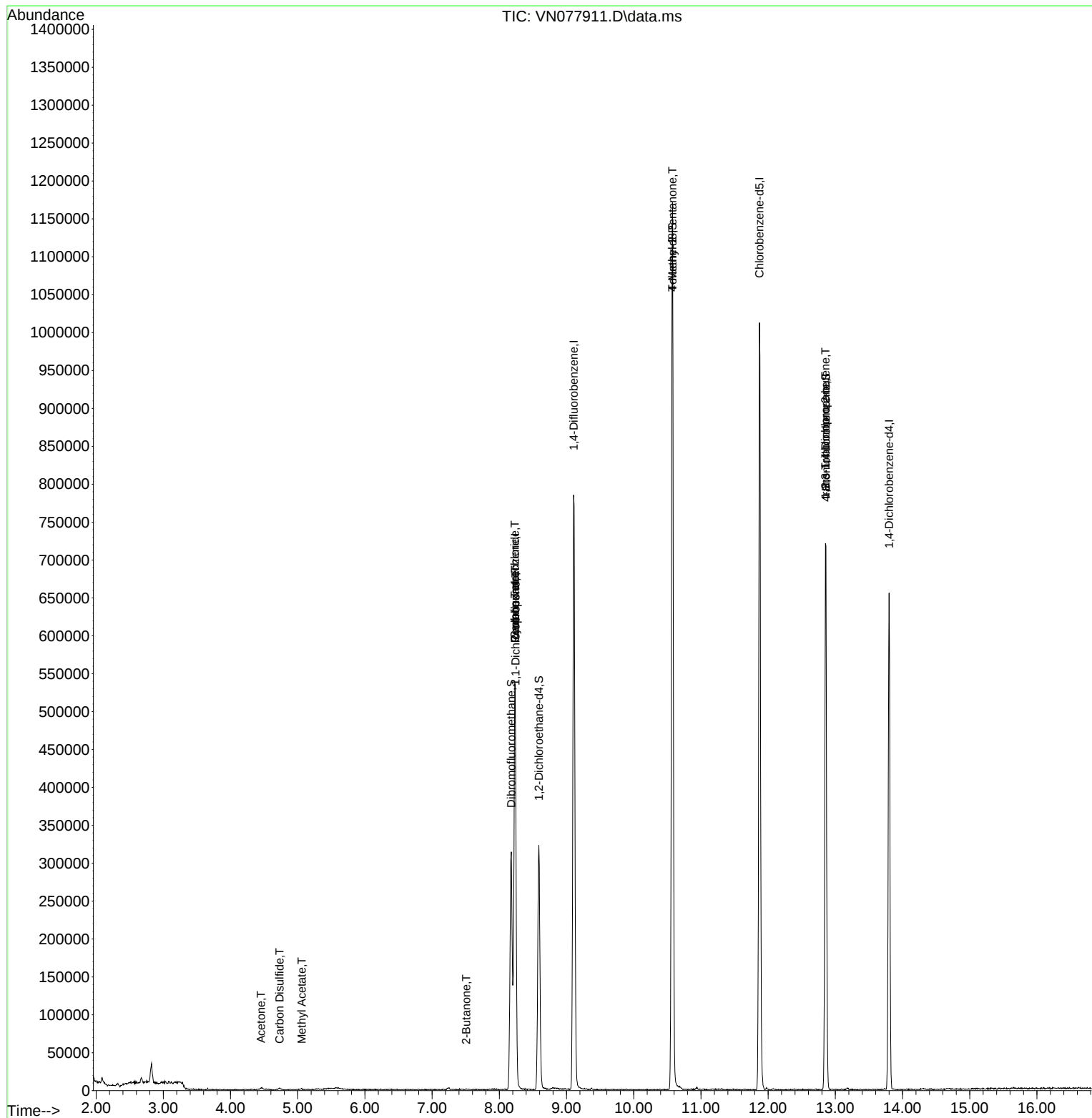
Internal Standards						
1) Pentafluorobenzene	8.236	168	384244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	705394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	601790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	268705	46.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.480%		
35) Dibromofluoromethane	8.177	113	225303	48.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.960%		
50) Toluene-d8	10.577	98	852038	48.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.859	95	270933	43.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1298	Below Cal	#	73
13) Acrolein	4.206	56	207	Below Cal	#	1
16) Acetone	4.454	43	3174	1.755	ug/l #	81
17) Carbon Disulfide	4.730	76	3377	0.310	ug/l #	75
18) Methyl Acetate	5.059	43	2047	0.270	ug/l #	42
20) Methylene Chloride	5.283	84	76	Below Cal	#	33
25) 2-Butanone	7.506	43	837	0.296	ug/l	97
31) Cyclohexane	8.236	56	9886	1.265	ug/l #	41
36) 1,1-Dichloropropene	8.241	75	32887	4.888	ug/l #	47
38) Carbon Tetrachloride	8.230	117	42957	6.323	ug/l #	14
51) 4-Methyl-2-Pentanone	10.577	43	3320	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	142538	32.260	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	142538	103.120	ug/l #	15

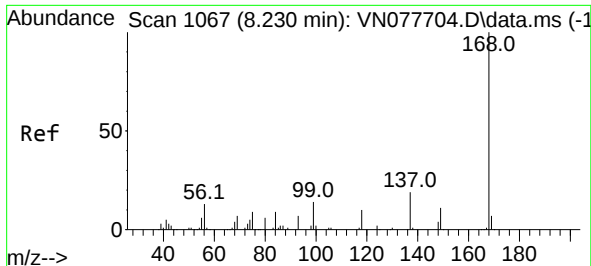
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
Data File : VN077911.D
Acq On : 25 May 2023 18:50
Operator : JC\MD
Sample : 02944-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

Quant Time: May 26 04:37:19 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

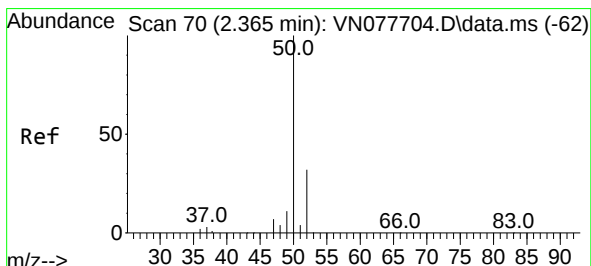
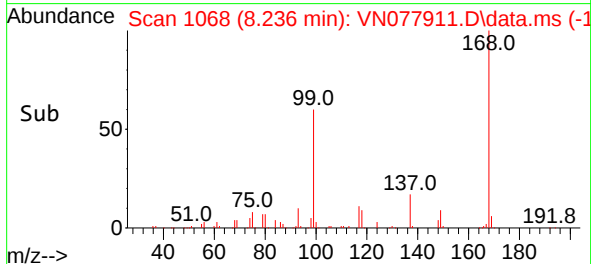
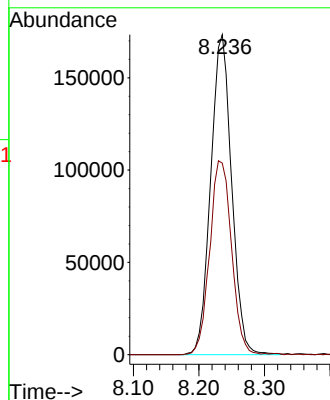
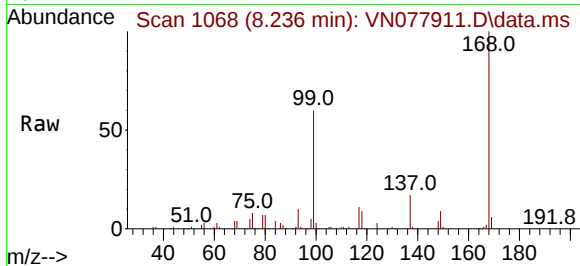




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

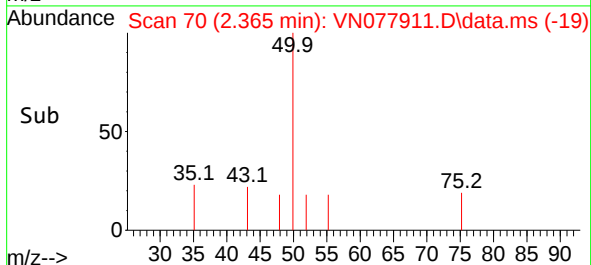
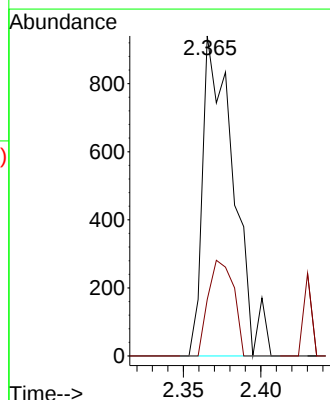
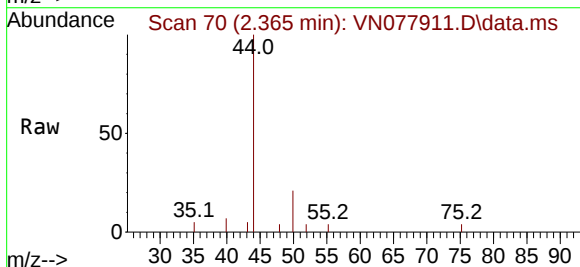
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

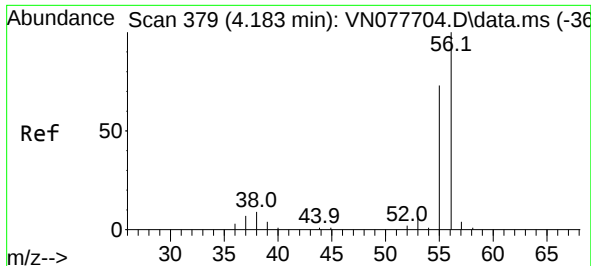
Tgt Ion:168 Resp: 384244
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion: 50 Resp: 1298
Ion Ratio Lower Upper
50 100
52 17.7 26.5 39.7#

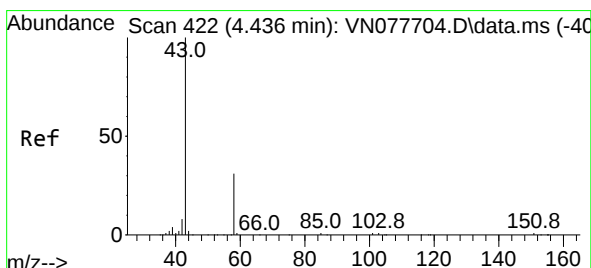
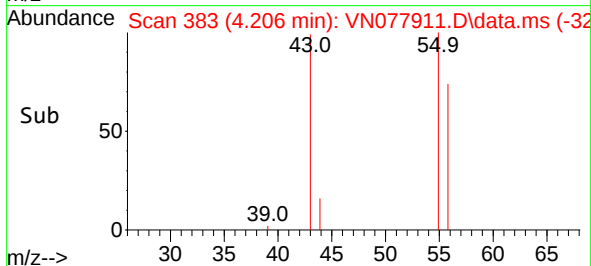
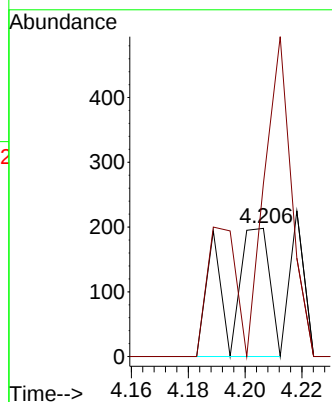
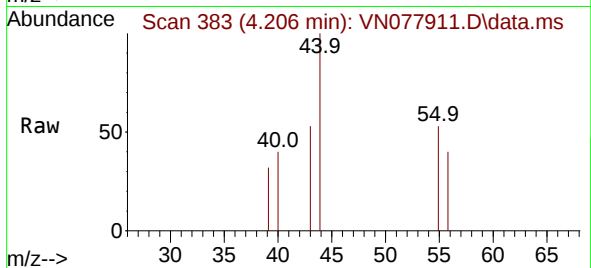




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

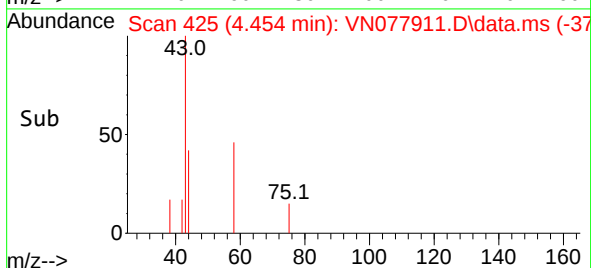
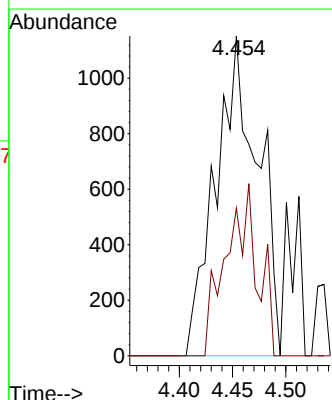
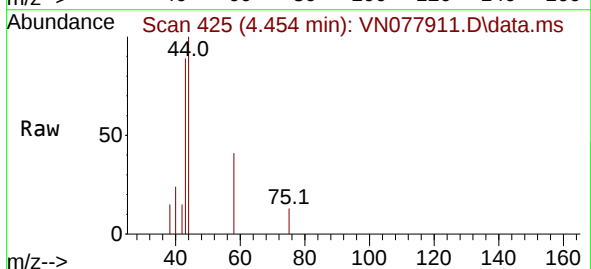
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

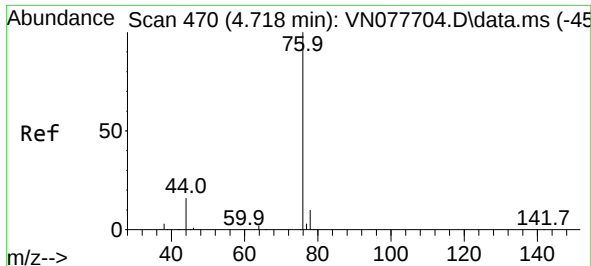
Tgt Ion: 56 Resp: 207
Ion Ratio Lower Upper
56 100
55 222.7 54.5 81.7#



#16
Acetone
Concen: 1.755 ug/l
RT: 4.454 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
58 46.2 28.0 42.0#

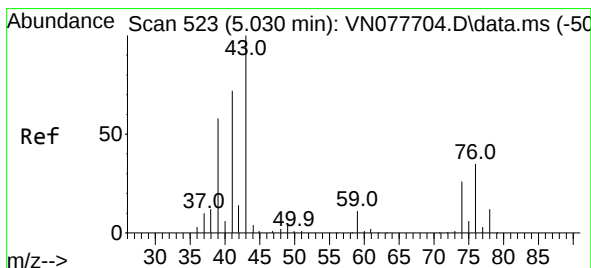
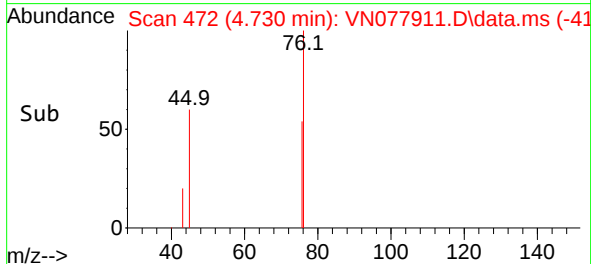
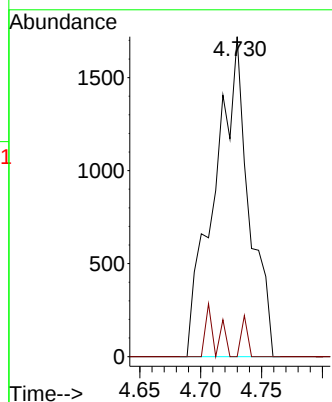
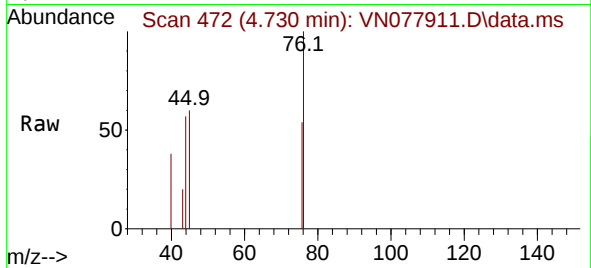




#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

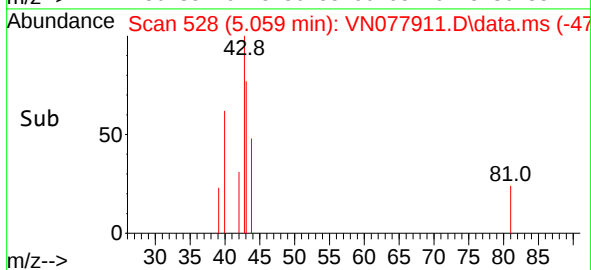
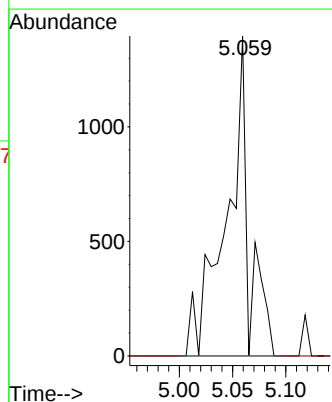
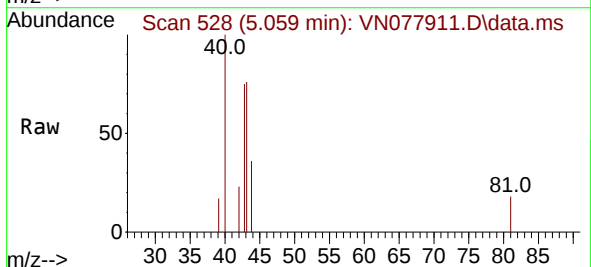
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

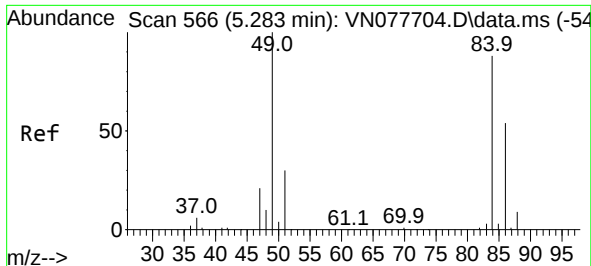
Tgt Ion: 76 Resp: 3377
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.270 ug/l
RT: 5.059 min Scan# 528
Delta R.T. 0.023 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

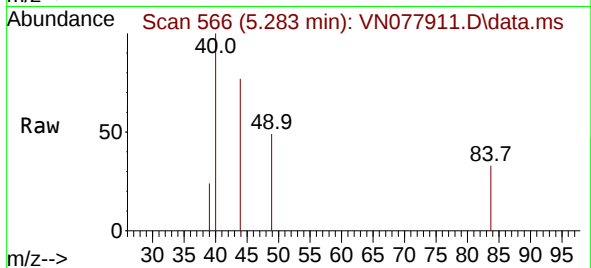
Tgt Ion: 43 Resp: 2047
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



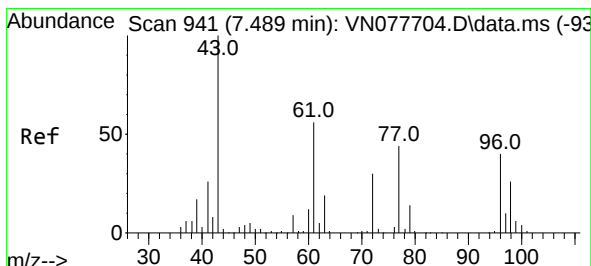
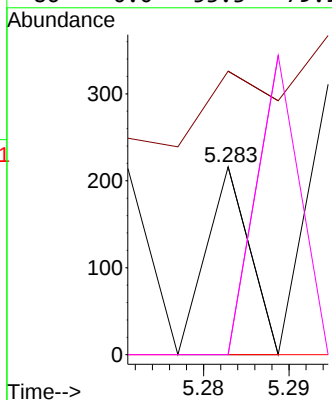
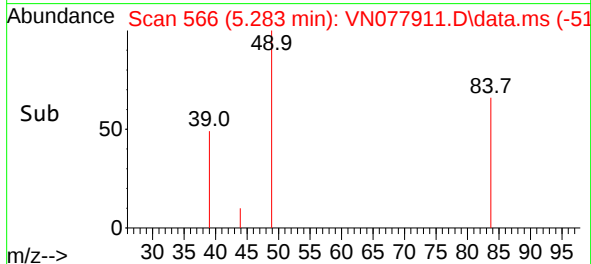


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

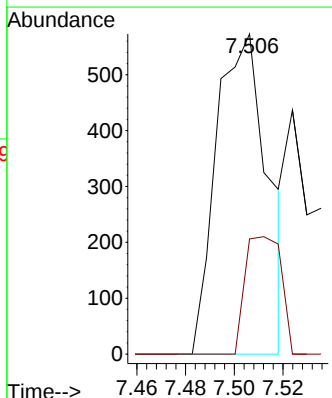
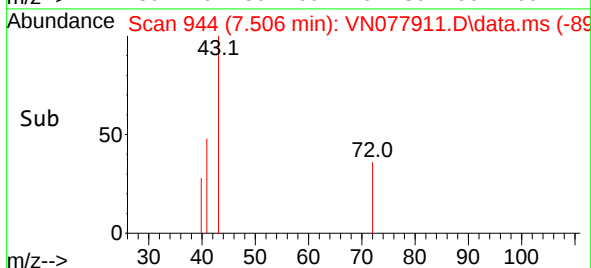
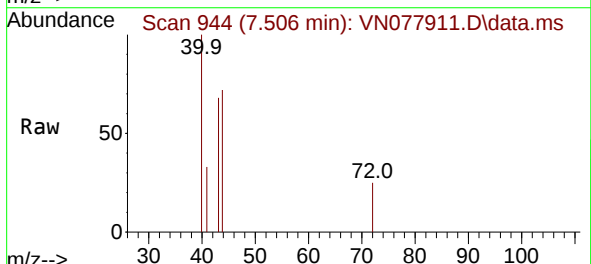


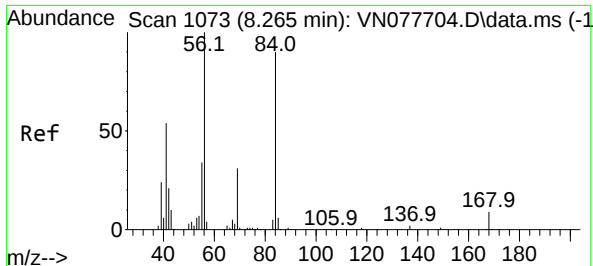
Tgt Ion:	84	Resp:	76
Ion	Ratio	Lower	Upper
84	100		
49	40.3	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#25
2-Butanone
Concen: 0.296 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion:	43	Resp:	837
Ion	Ratio	Lower	Upper
43	100		
72	36.0	30.2	45.2

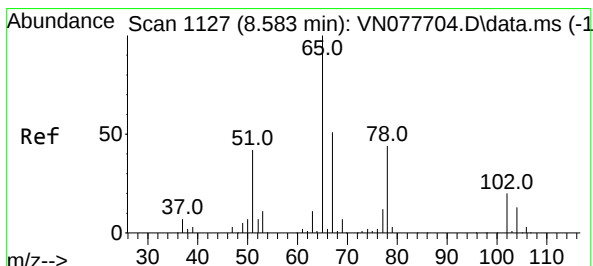
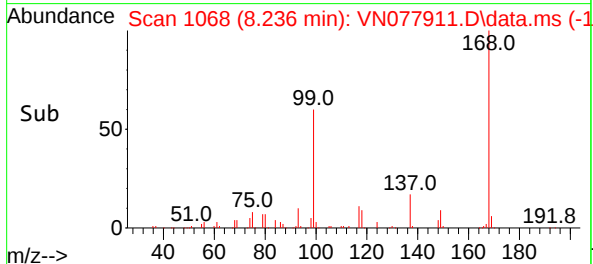
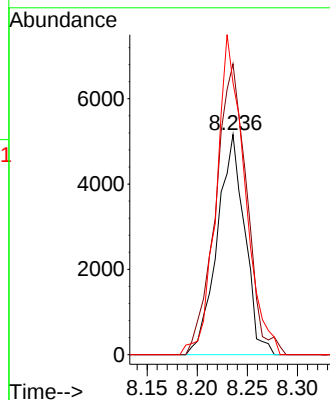
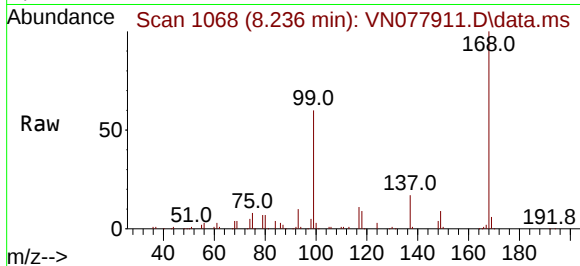




#31
Cyclohexane
Concen: 1.265 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

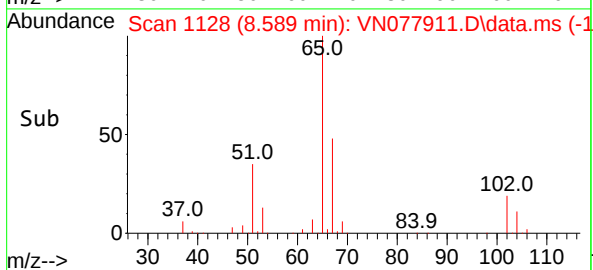
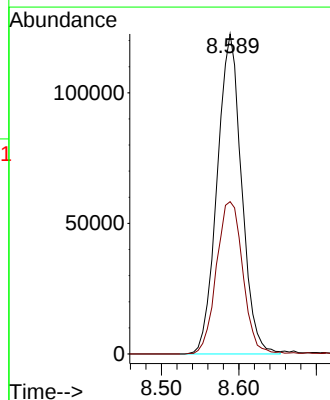
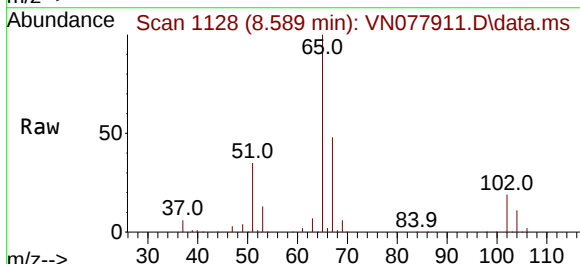
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

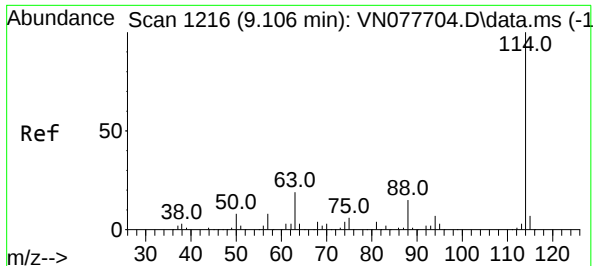
Tgt Ion: 56 Resp: 9886
Ion Ratio Lower Upper
56 100
69 132.2 26.8 40.2#
84 123.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.737 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion: 65 Resp: 268705
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077911.D

Acq: 25 May 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-498-500

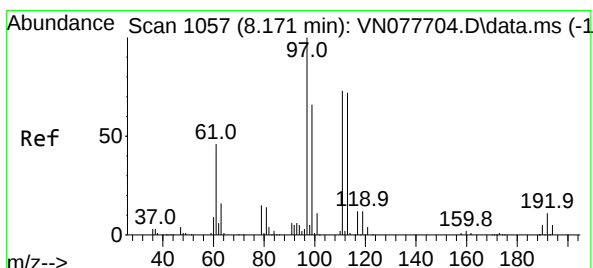
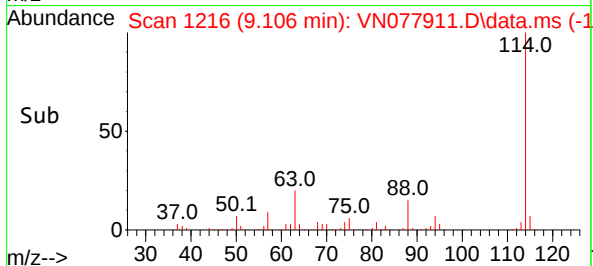
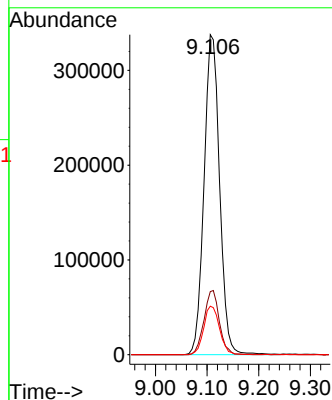
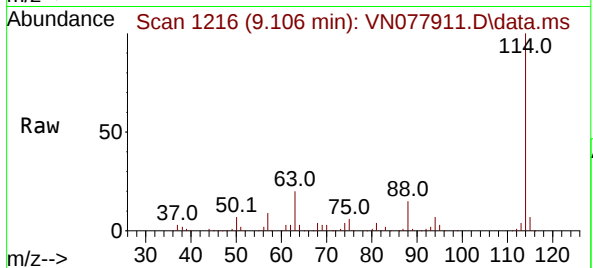
Tgt Ion:114 Resp: 705394

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077911.D

Acq: 25 May 2023 18:50

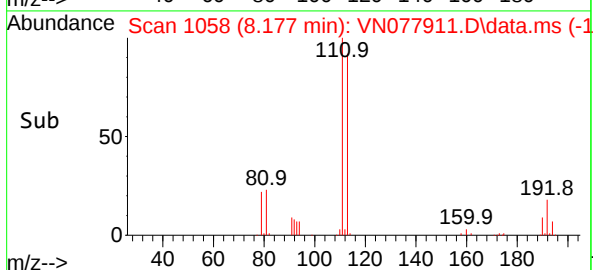
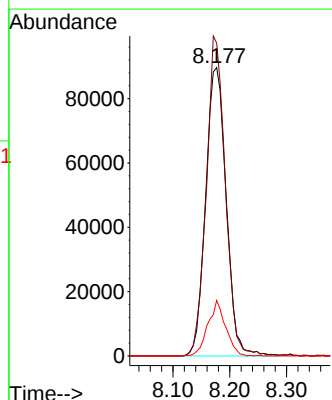
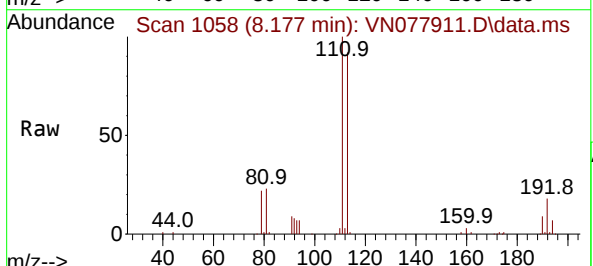
Tgt Ion:113 Resp: 225303

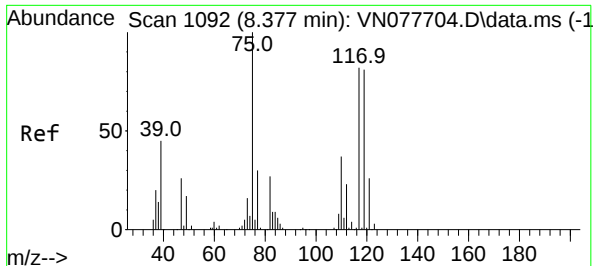
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.888 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VN077911.D

Acq: 25 May 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-498-500

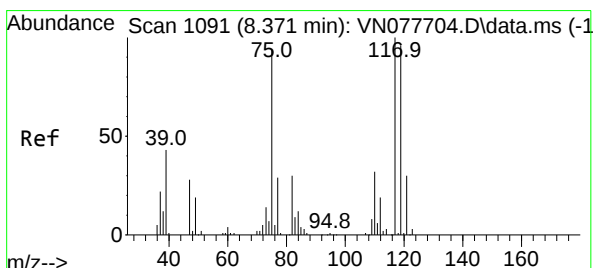
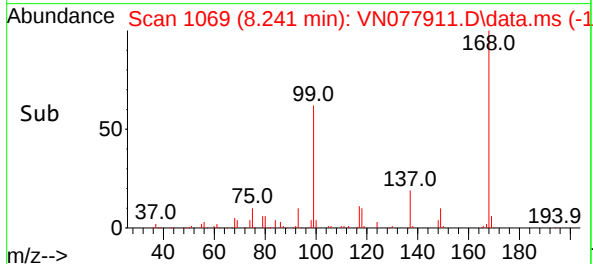
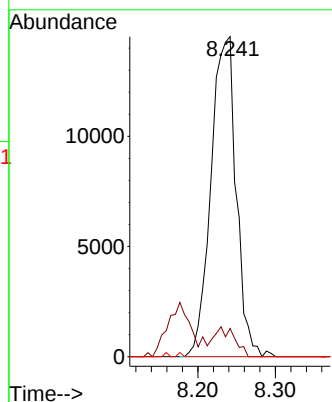
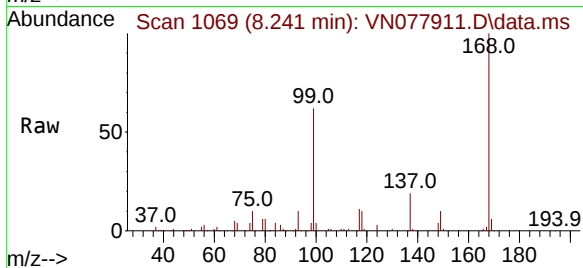
Tgt Ion: 75 Resp: 32887

Ion Ratio Lower Upper

75 100

110 7.6 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.323 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN077911.D

Acq: 25 May 2023 18:50

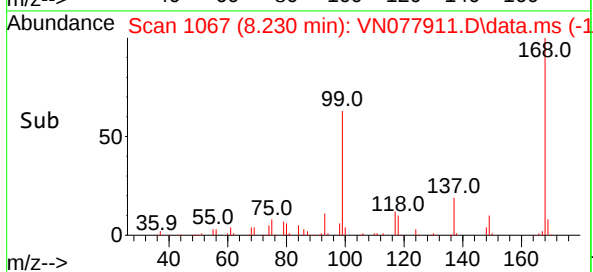
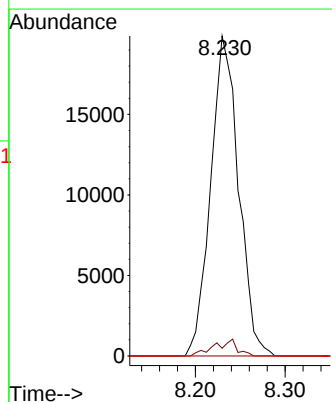
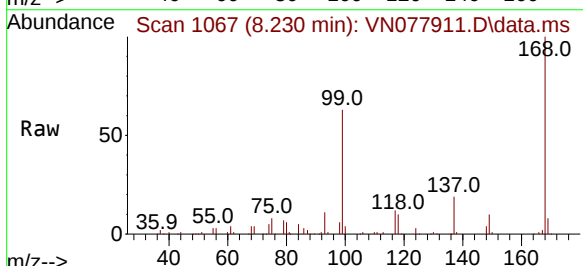
Tgt Ion: 117 Resp: 42957

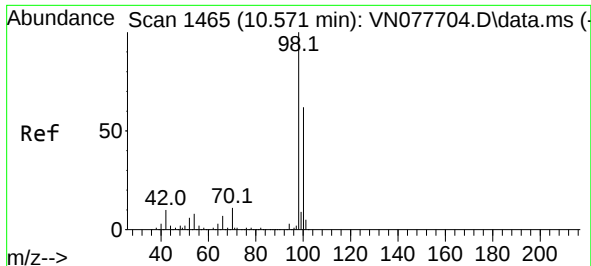
Ion Ratio Lower Upper

117 100

119 2.4 77.3 115.9#

121 0.0 23.3 34.9#

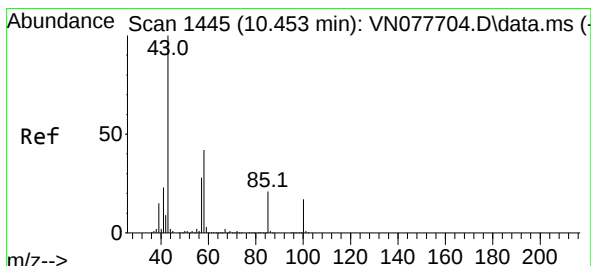
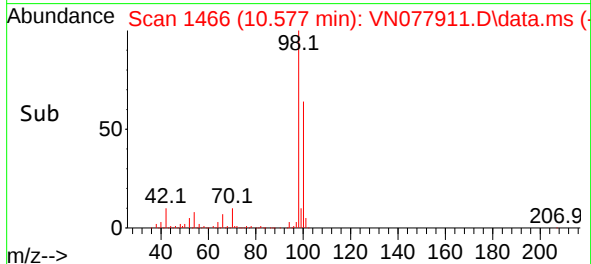
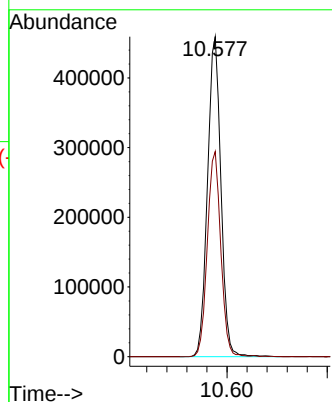
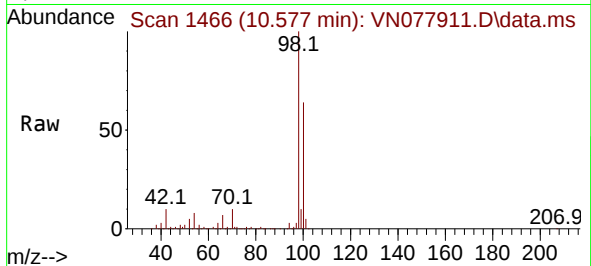




#50
Toluene-d8
Concen: 48.124 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

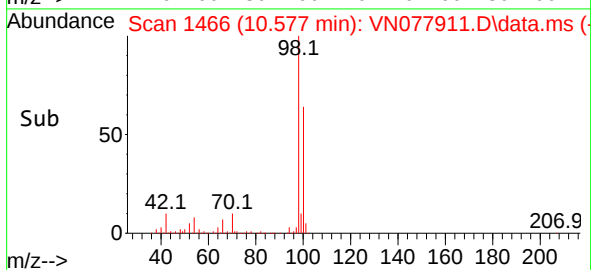
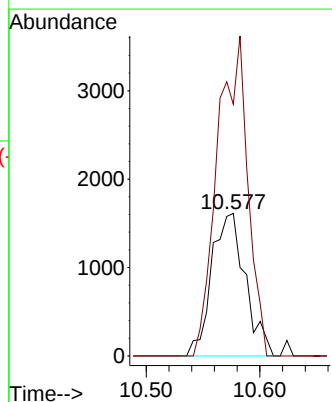
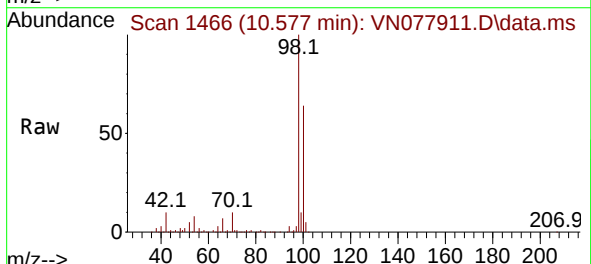
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

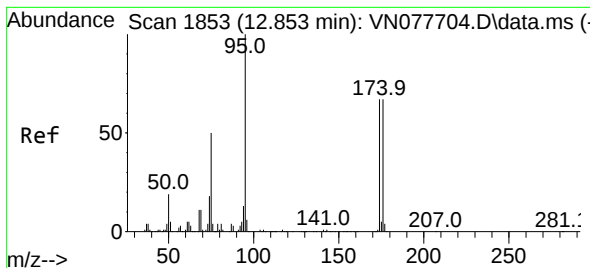
Tgt Ion: 98 Resp: 852038
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.130 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion: 43 Resp: 3320
Ion Ratio Lower Upper
43 100
58 202.8 36.6 54.8#

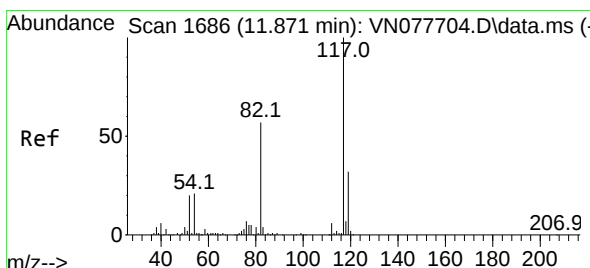
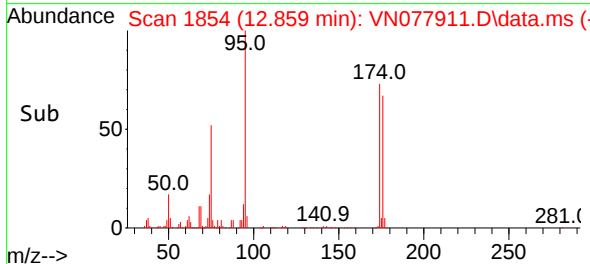
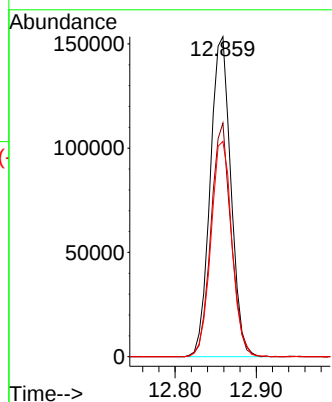
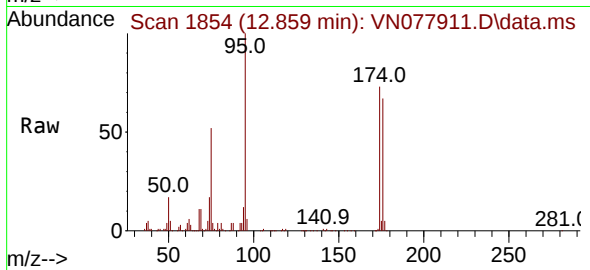




#62
4-Bromofluorobenzene
Concen: 43.328 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

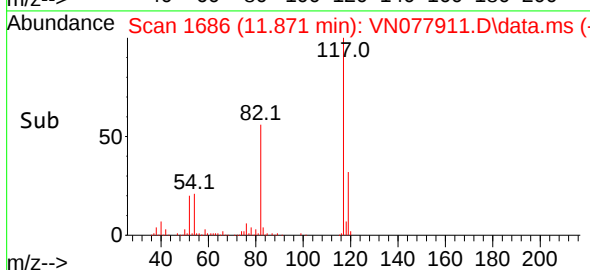
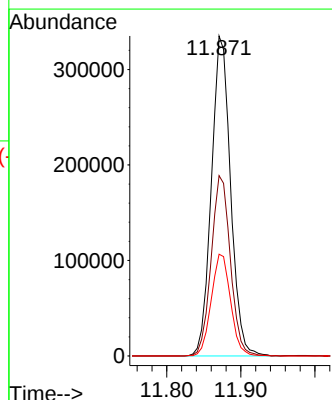
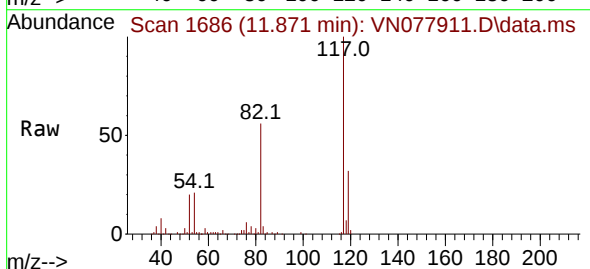
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-498-500

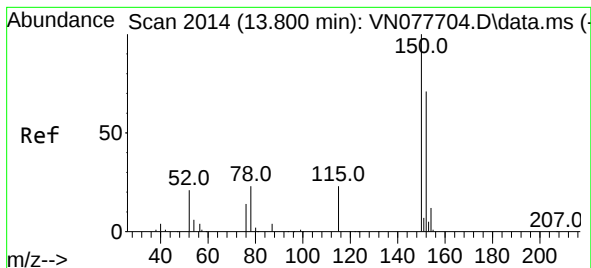
Tgt Ion: 95 Resp: 270933
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 68.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077911.D
Acq: 25 May 2023 18:50

Tgt Ion: 117 Resp: 601790
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077911.D

Acq: 25 May 2023 18:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-498-500

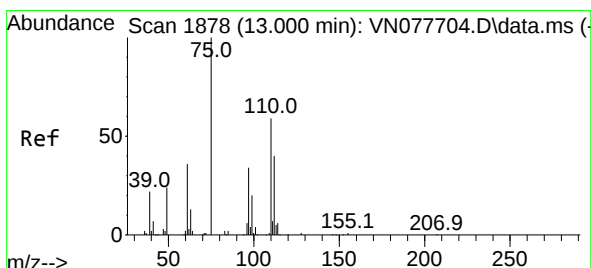
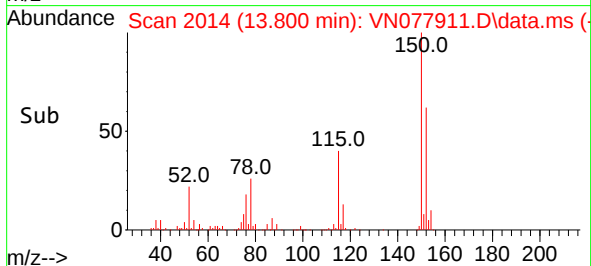
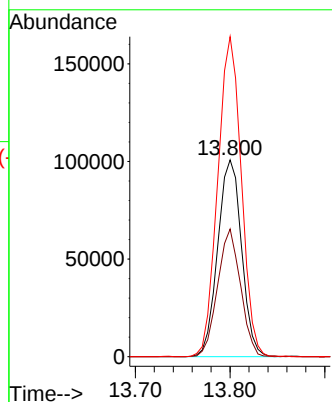
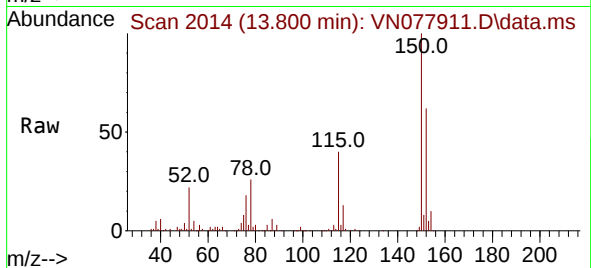
Tgt Ion:152 Resp: 176429

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 160.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 32.260 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077911.D

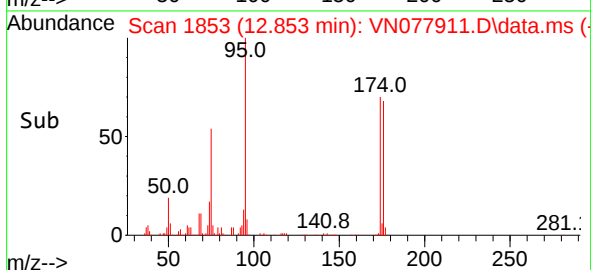
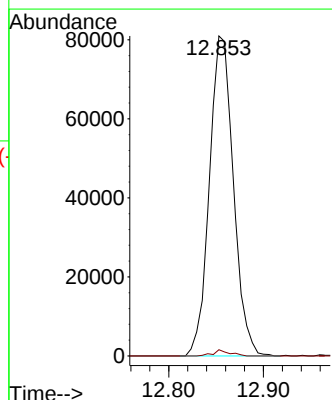
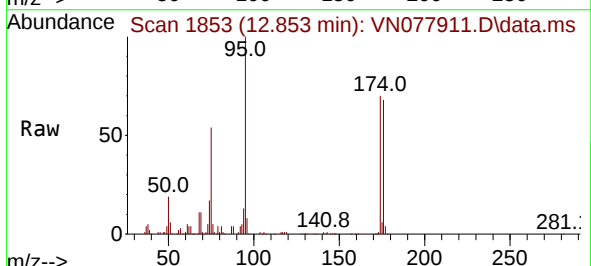
Acq: 25 May 2023 18:50

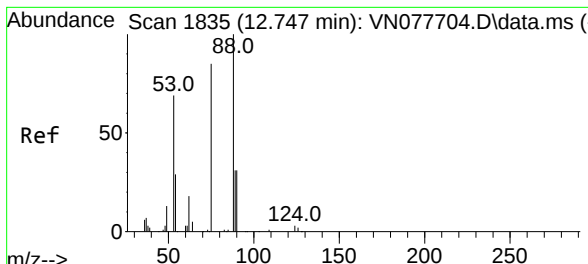
Tgt Ion: 75 Resp: 142538

Ion Ratio Lower Upper

75 100

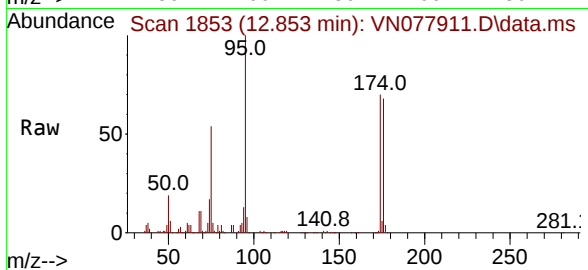
77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.120 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077911.D
 Acq: 25 May 2023 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-498-500



Tgt Ion: 75 Resp: 142538
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

