

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077765.D
 Acq On : 19 May 2023 15:36
 Operator : JC\MD
 Sample : 02862-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-298-300

Quant Time: May 29 09:49:40 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	367410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	676976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	593808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209702	50.000	ug/l	0.00

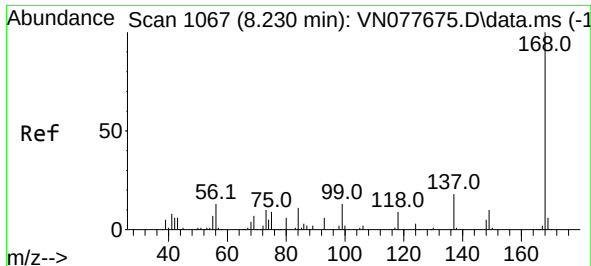
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253190	46.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.177	113	211235	47.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.571	98	822118	48.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.853	95	270853	45.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.260%

Target Compounds					Qvalue	
3) Chloromethane	2.371	50	1017	Below Cal	#	86
13) Acrolein	4.183	56	59	Below Cal	#	1
16) Acetone	4.465	43	3222	1.863	ug/l	99
20) Methylene Chloride	5.295	84	267	Below Cal	#	13
25) 2-Butanone	7.494	43	931	0.344	ug/l	# 37
31) Cyclohexane	8.230	56	8038	1.076	ug/l	# 41
36) 1,1-Dichloropropene	8.230	75	29844	4.622	ug/l	# 43
38) Carbon Tetrachloride	8.230	117	39058	5.990	ug/l	# 14
76) 1,2,3-Trichloropropane	12.853	75	144177	27.453	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	144177	87.755	ug/l	# 15

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

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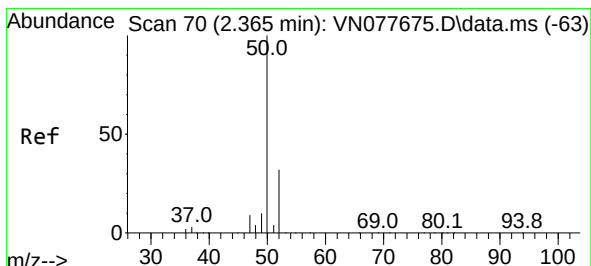
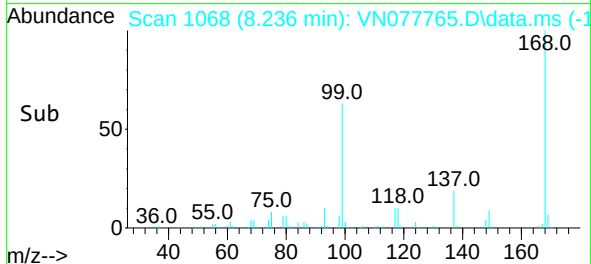
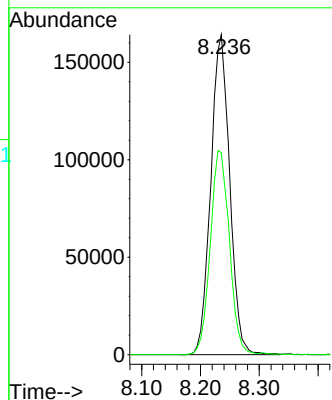
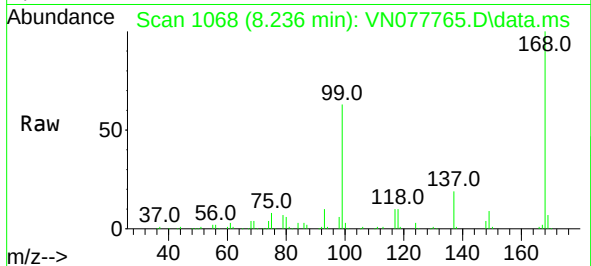




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

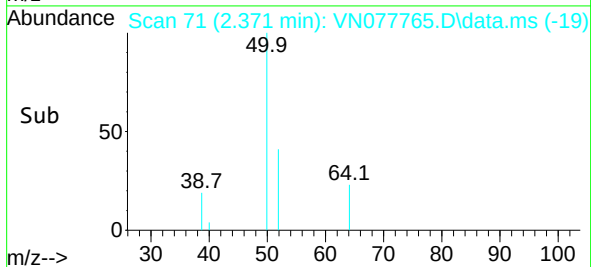
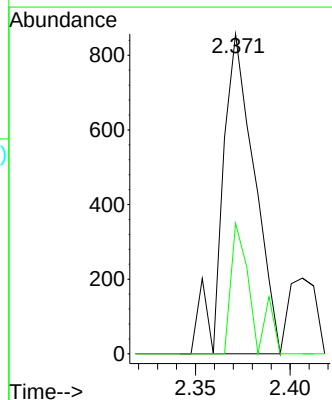
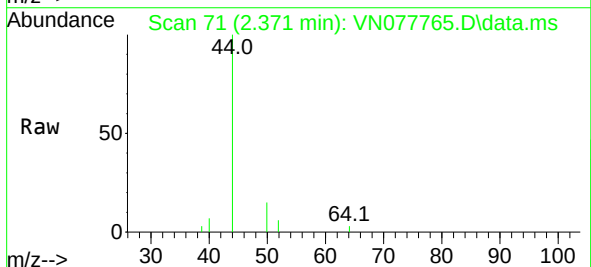
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-298-300

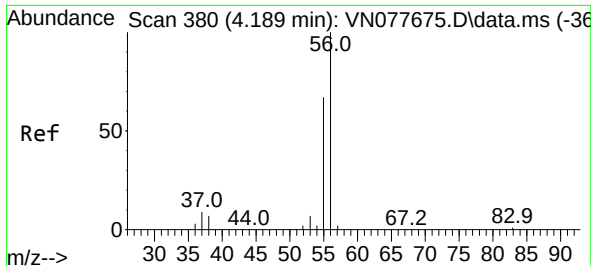
Tgt Ion:168 Resp: 367410
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion: 50 Resp: 1017
Ion Ratio Lower Upper
50 100
52 40.8 26.5 39.7#

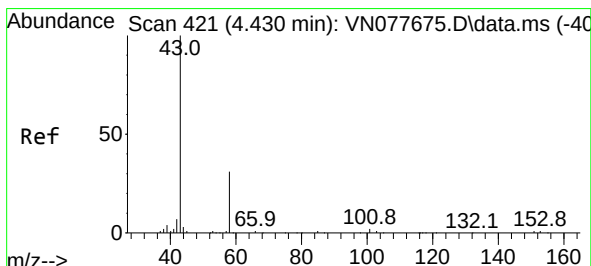
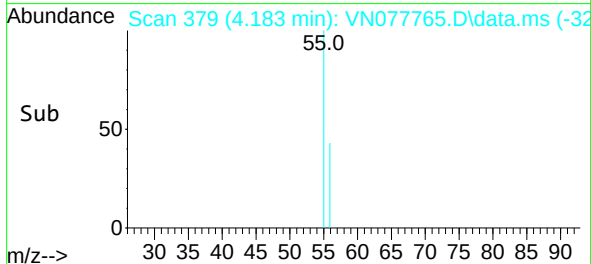
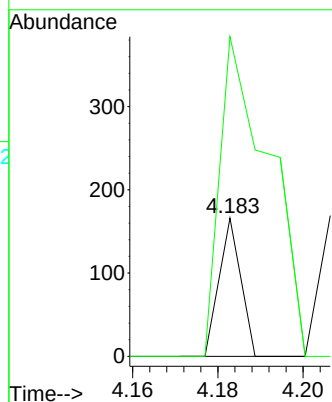
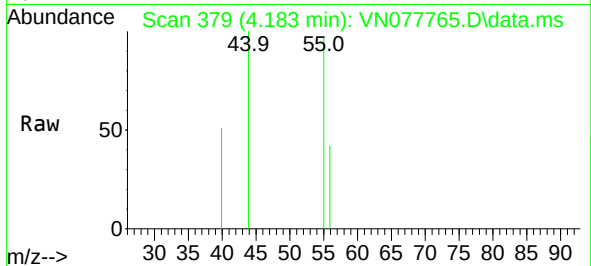




#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

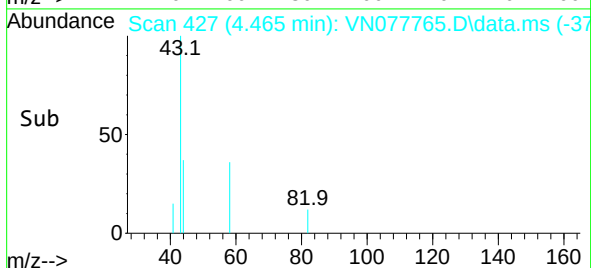
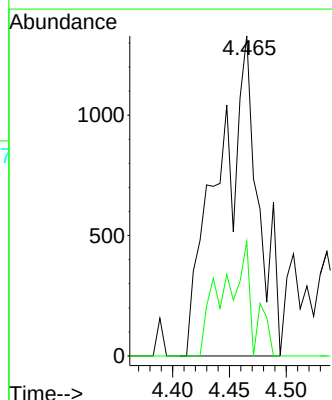
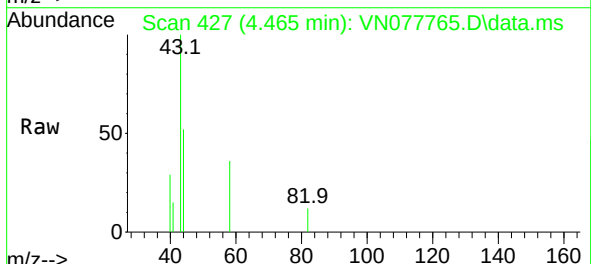
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-298-300

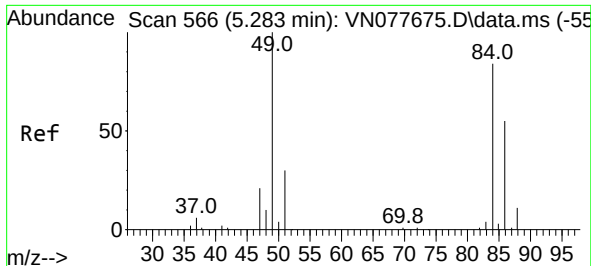
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 520.3 54.5 81.7#



#16
Acetone
Concen: 1.863 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.035 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

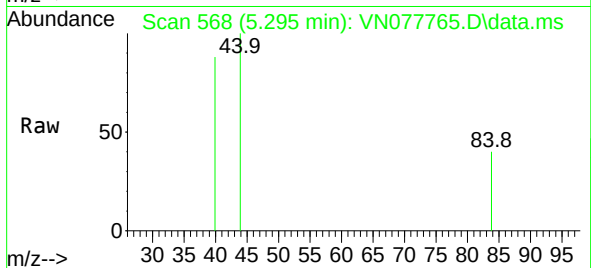
Tgt Ion: 43 Resp: 3222
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0



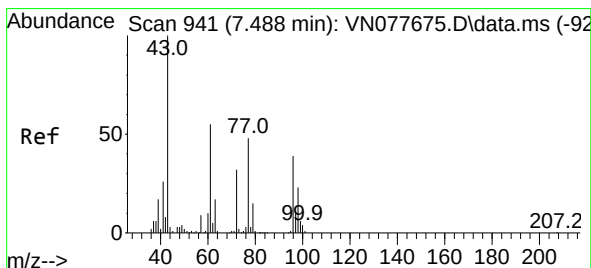
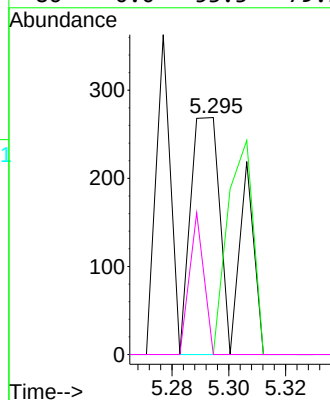


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-298-300

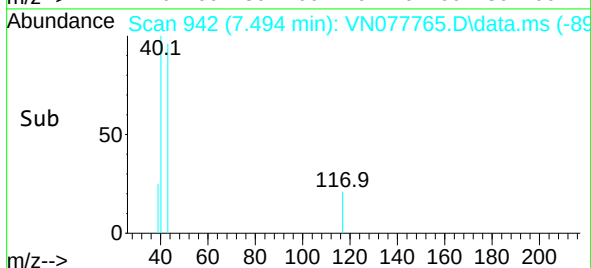
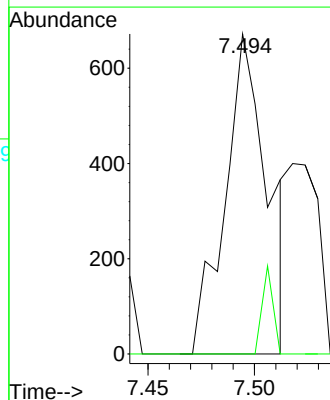
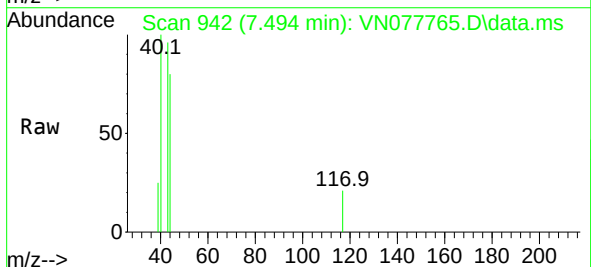


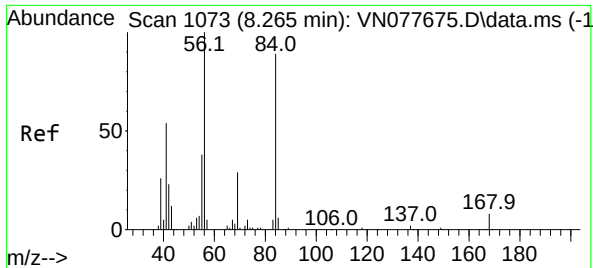
Tgt Ion:	84	Resp:	267
Ion	Ratio	Lower	Upper
84	100		
49	0.0	79.7	119.5#
51	0.0	25.2	37.8#
86	0.0	53.3	79.9#



#25
2-Butanone
Concen: 0.344 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion:	43	Resp:	931
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#

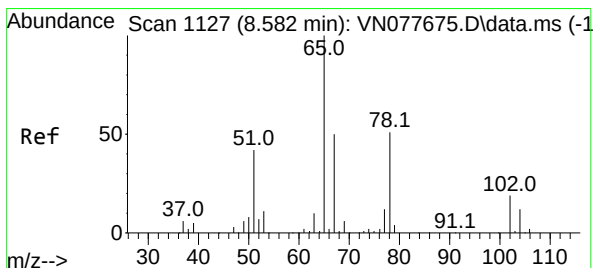
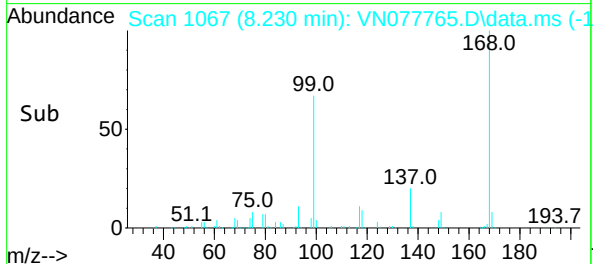
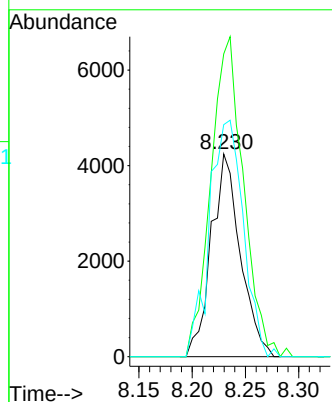
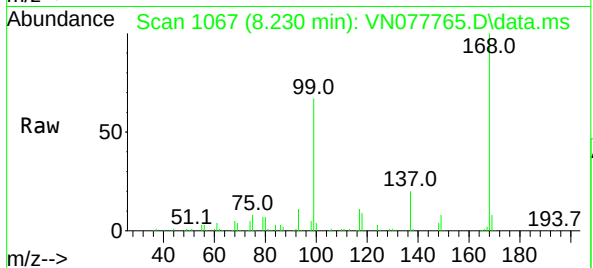




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

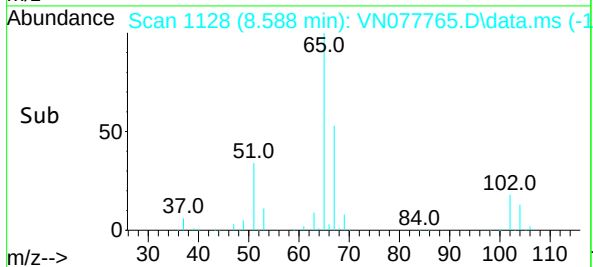
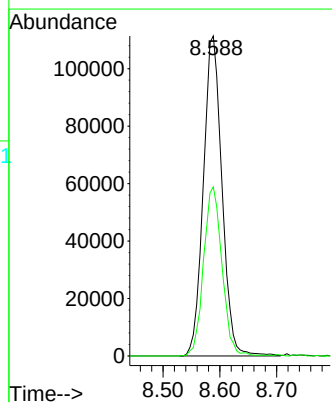
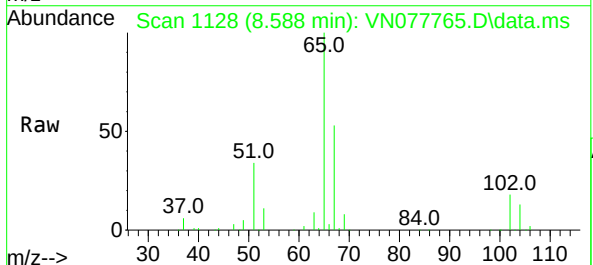
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-298-300

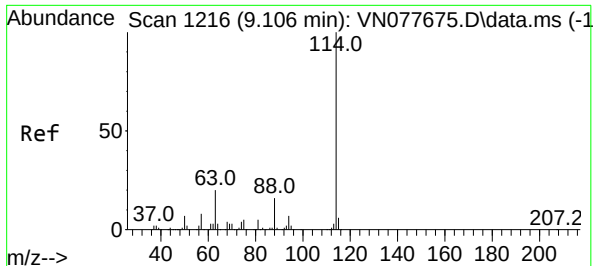
Tgt Ion: 56 Resp: 8038
Ion Ratio Lower Upper
56 100
69 149.4 26.8 40.2#
84 114.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 46.056 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion: 65 Resp: 253190
Ion Ratio Lower Upper
65 100
67 52.2 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: VN077675.D

Acq: 19 May 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-298-300

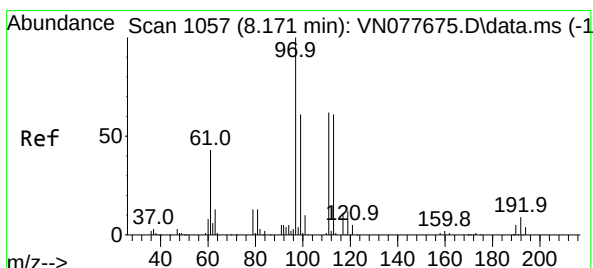
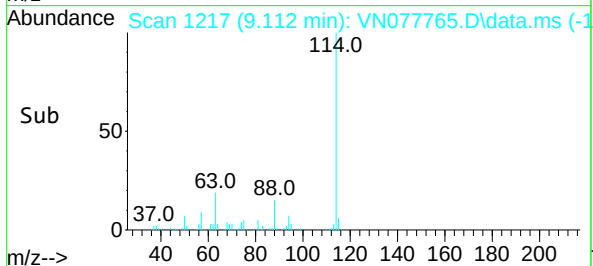
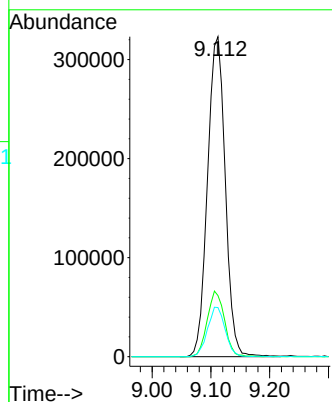
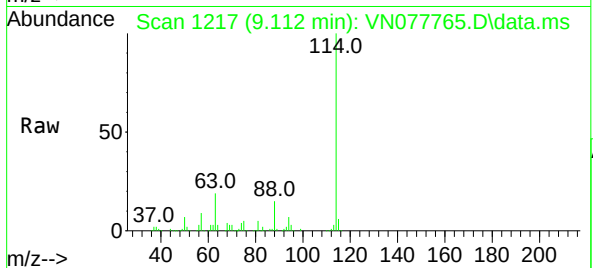
Tgt Ion:114 Resp: 676976

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.850 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

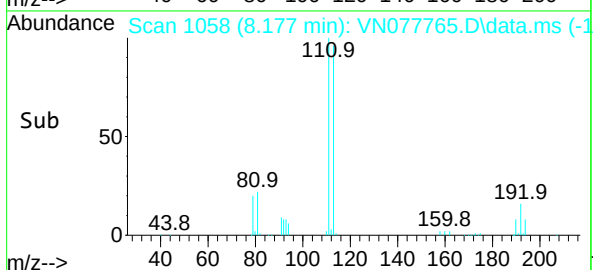
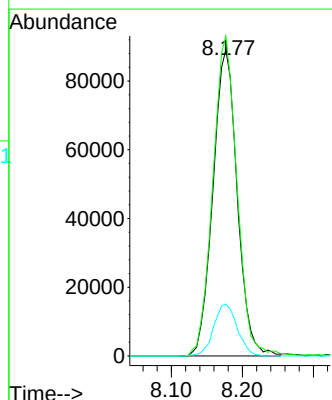
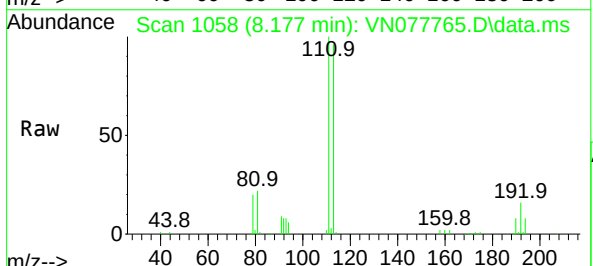
Tgt Ion:113 Resp: 211235

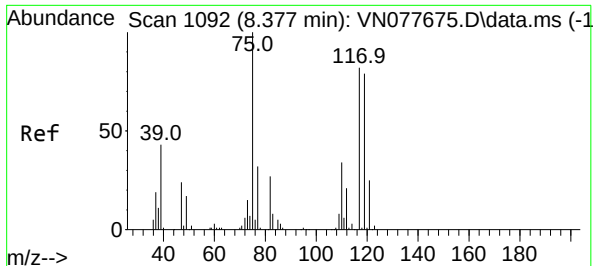
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.622 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-298-300

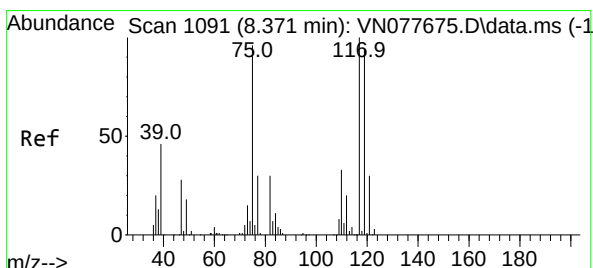
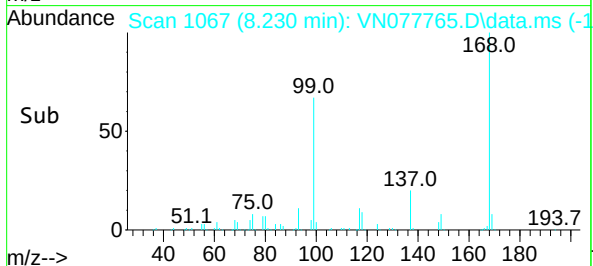
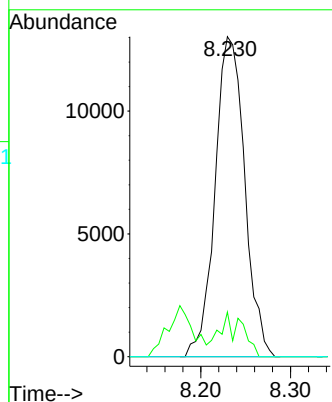
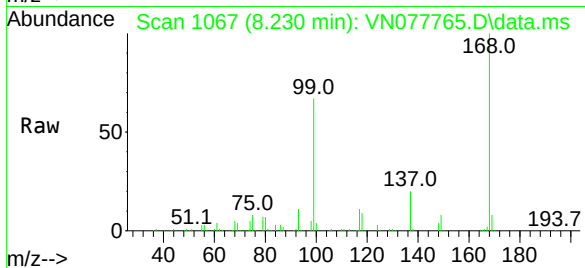
Tgt Ion: 75 Resp: 29844

Ion Ratio Lower Upper

75 100

110 3.3 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.990 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

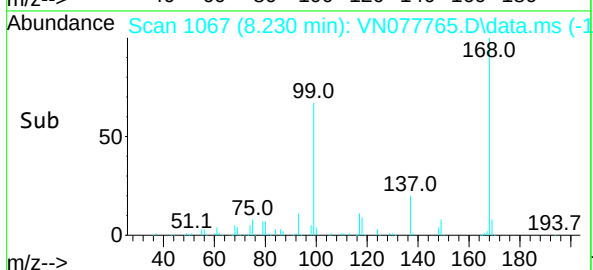
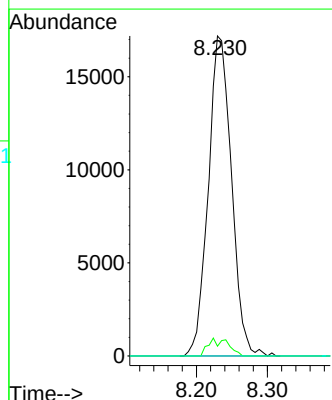
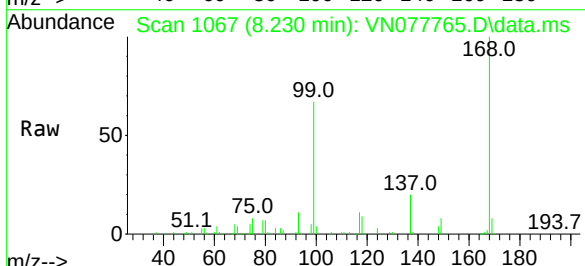
Tgt Ion: 117 Resp: 39058

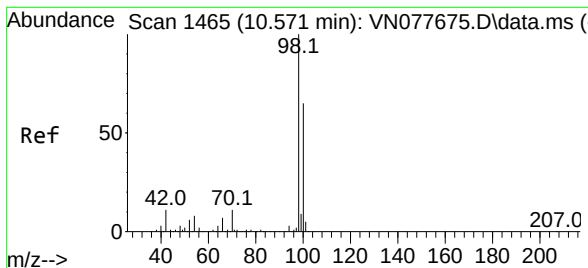
Ion Ratio Lower Upper

117 100

119 3.1 77.3 115.9#

121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 48.384 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

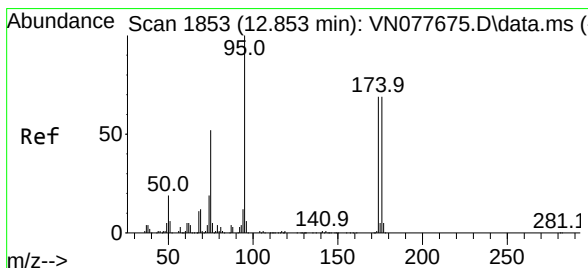
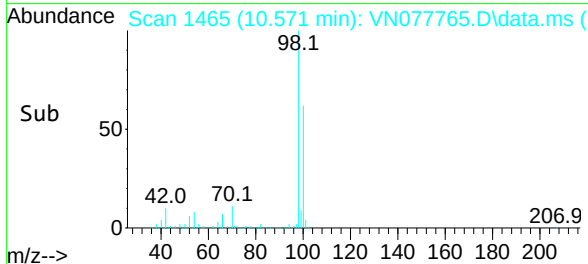
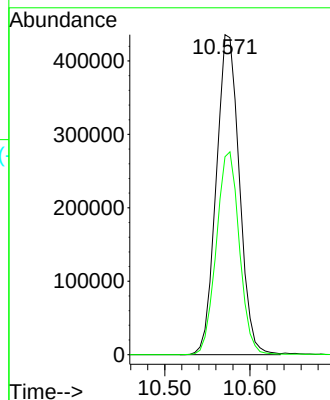
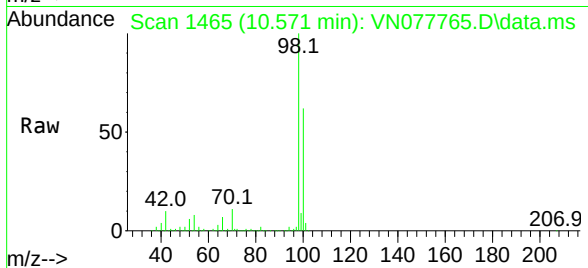
BP-VPB-RW11-GW-298-300

Tgt Ion: 98 Resp: 822118

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.134 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077675.D

Acq: 19 May 2023 15:36

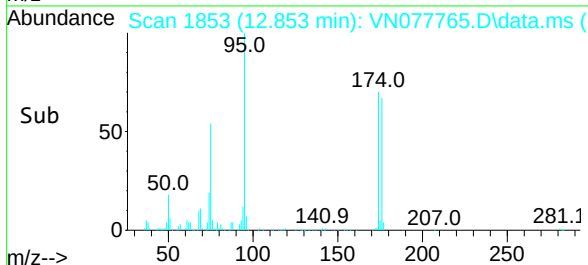
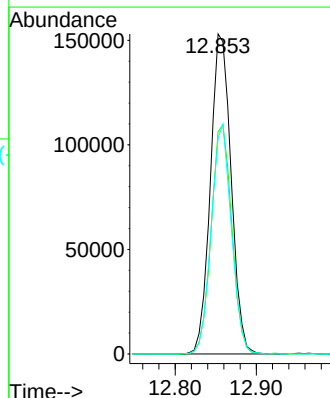
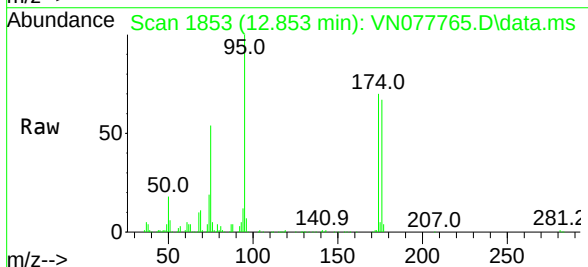
Tgt Ion: 95 Resp: 270853

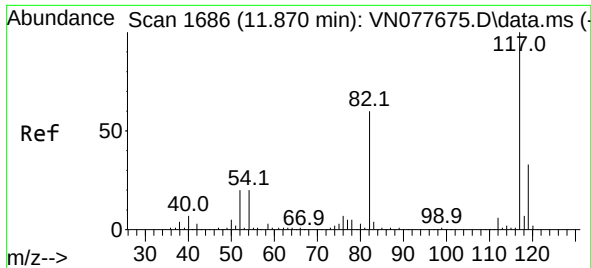
Ion Ratio Lower Upper

95 100

174 71.1 0.0 143.8

176 69.9 0.0 135.8

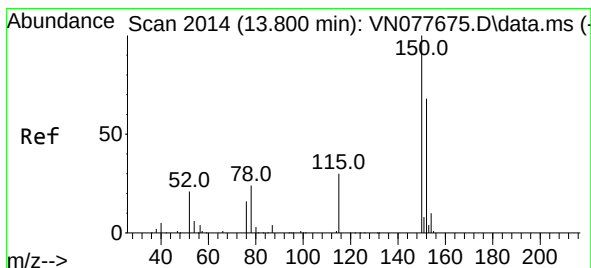
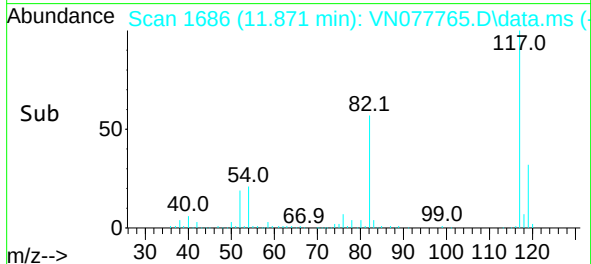
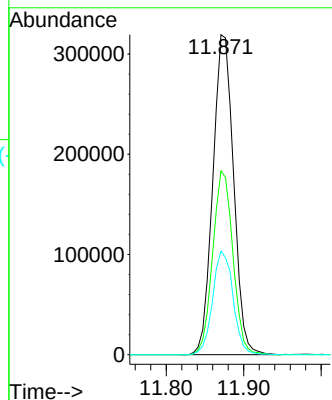
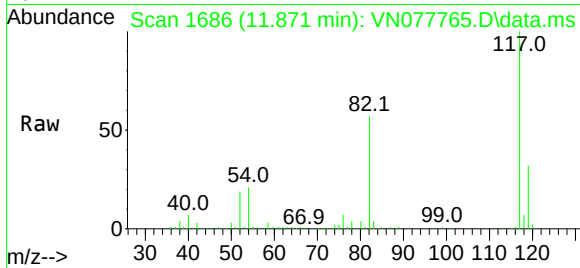




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

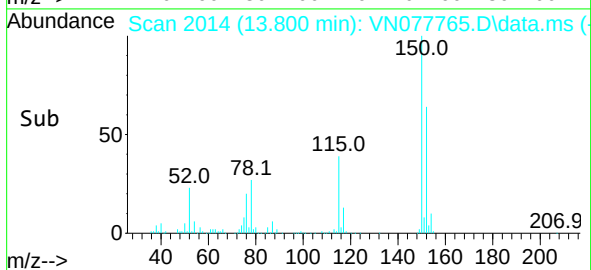
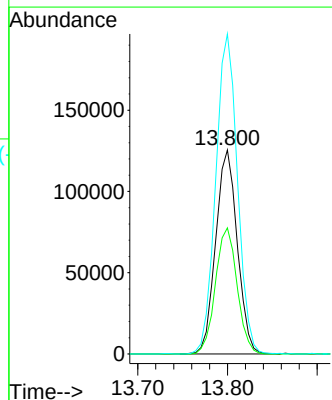
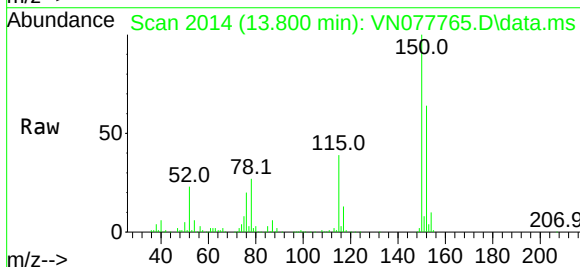
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-298-300

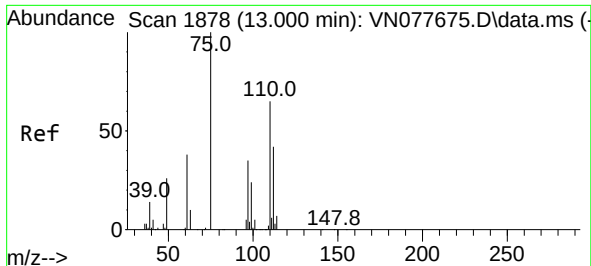
Tgt Ion:117 Resp: 593808
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077765.D
Acq: 19 May 2023 15:36

Tgt Ion:152 Resp: 209702
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.7 0.0 355.8

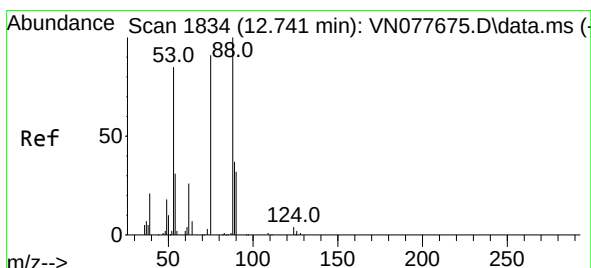
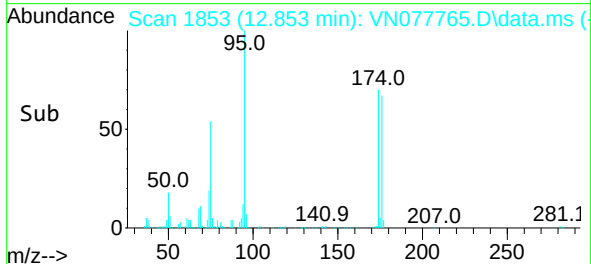
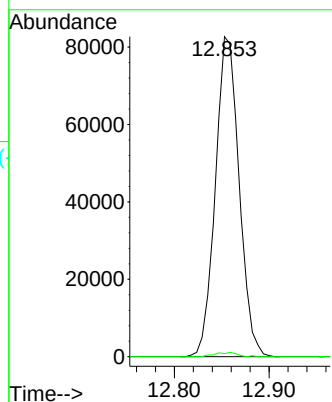
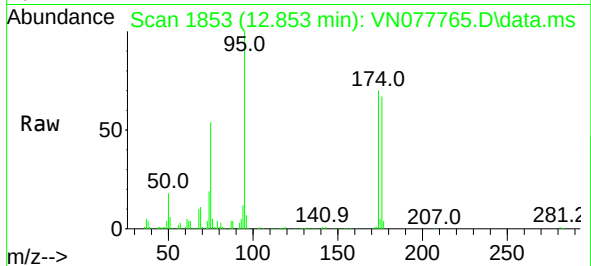




#76
1,2,3-Trichloropropane
Concen: 27.453 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW11-GW-298-300

Tgt Ion: 75 Resp: 144177
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.755 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077675.D
Acq: 19 May 2023 15:36

Tgt Ion: 75 Resp: 144177
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#

