

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077909.D
 Acq On : 25 May 2023 18:02
 Operator : JC\MD
 Sample : 02944-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-458-460

Quant Time: May 26 04:36:06 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)

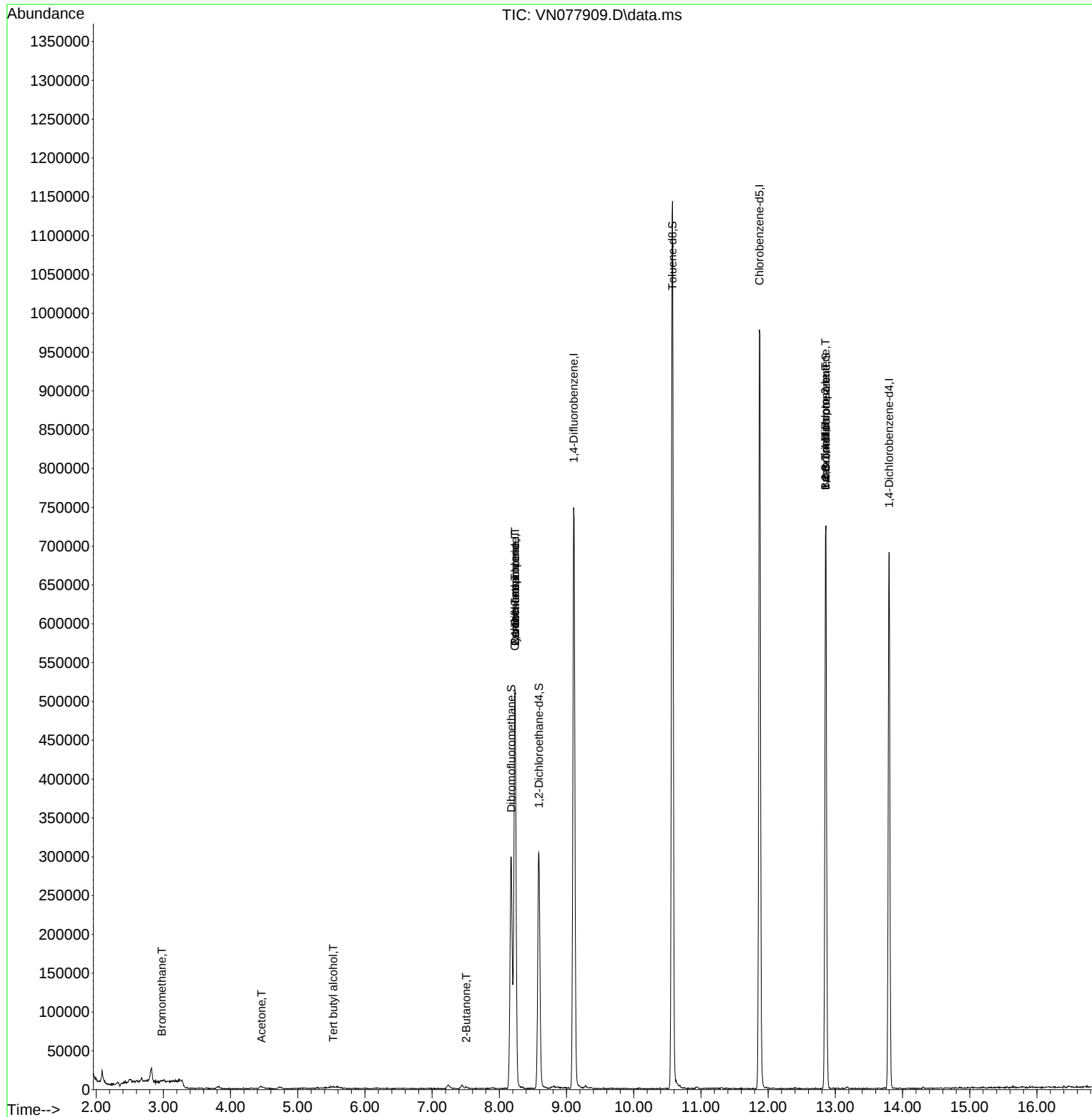
Internal Standards						
1) Pentafluorobenzene	8.236	168	372000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	683412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	184837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259786	46.673	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.340%		
35) Dibromofluoromethane	8.177	113	217273	48.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	10.577	98	837396	48.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.859	95	265555	43.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.660%		
Target Compounds						
3) Chloromethane	2.371	50	1316	Below Cal	#	54
5) Bromomethane	2.977	94	1303	0.330	ug/l	81
11) Tert butyl alcohol	5.530	59	302	0.393	ug/l	# 72
13) Acrolein	4.189	56	150	Below Cal	#	66
16) Acetone	4.459	43	4373	2.497	ug/l	# 78
20) Methylene Chloride	5.289	84	130	Below Cal	#	52
25) 2-Butanone	7.506	43	3694	1.348	ug/l	# 71
31) Cyclohexane	8.230	56	8445	1.116	ug/l	# 34
36) 1,1-Dichloropropene	8.236	75	33828	5.190	ug/l	# 48
38) Carbon Tetrachloride	8.236	117	41200	6.259	ug/l	# 15
71) Bromoform	12.853	173	1138	0.385	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	140616	30.377	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	140616	97.102	ug/l	# 15

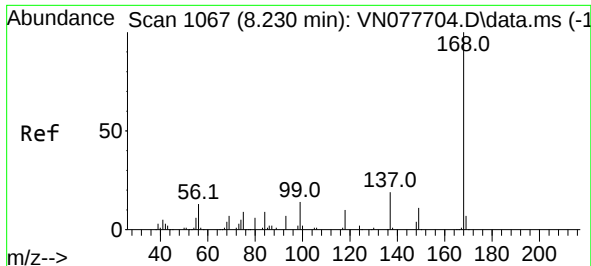
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
Data File : VN077909.D
Acq On : 25 May 2023 18:02
Operator : JC\MD
Sample : 02944-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

Quant Time: May 26 04:36:06 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

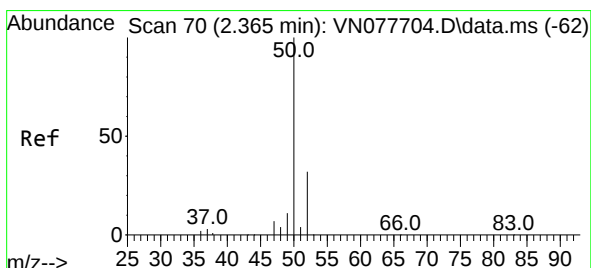
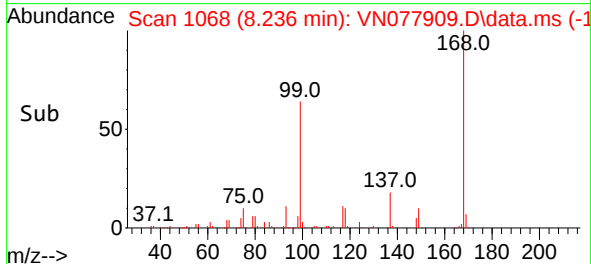
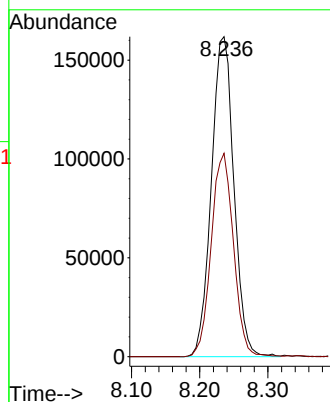
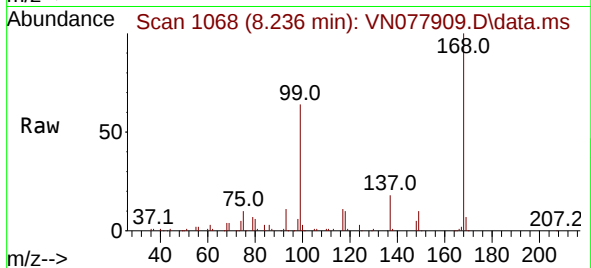




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

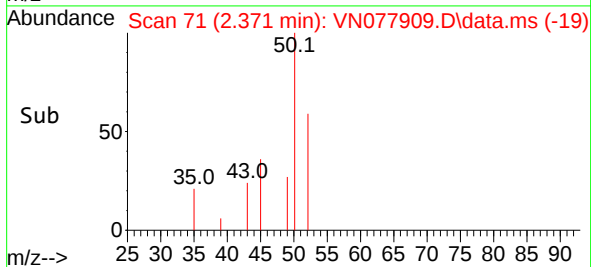
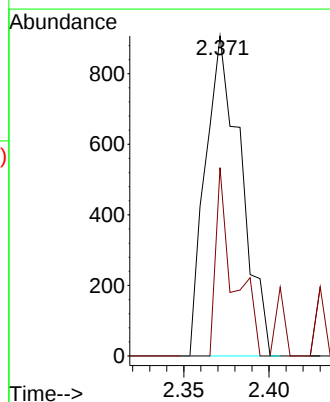
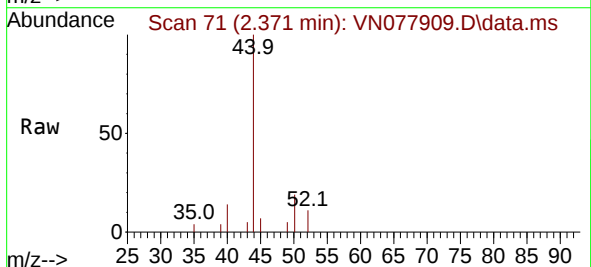
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

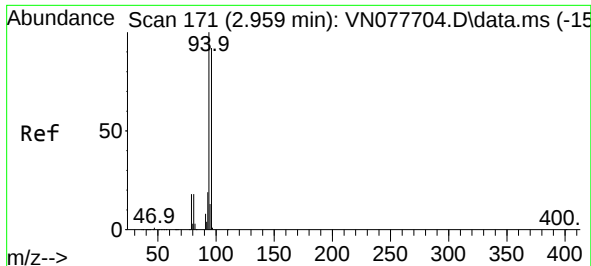
Tgt Ion:168 Resp: 372000
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

Tgt Ion: 50 Resp: 1316
Ion Ratio Lower Upper
50 100
52 58.9 26.5 39.7#

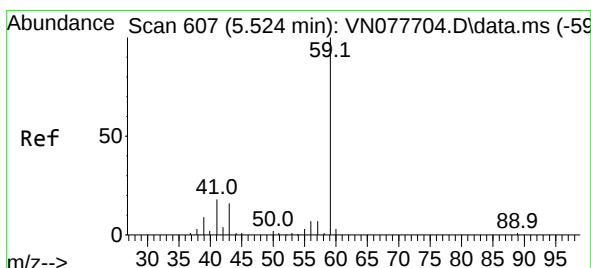
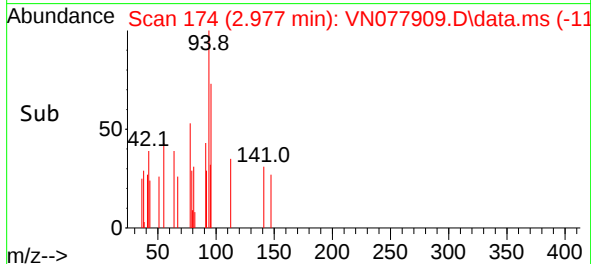
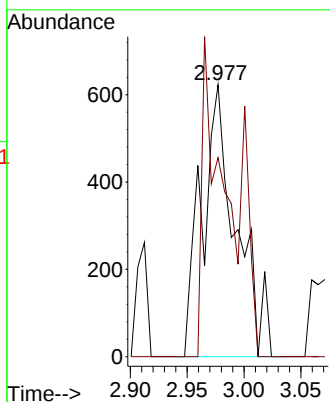
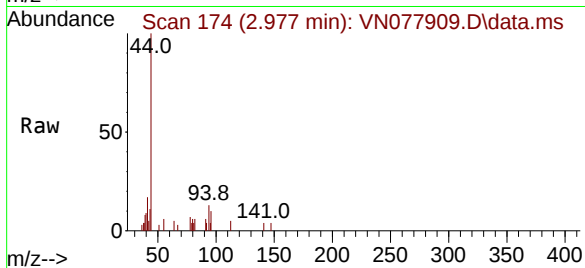




#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

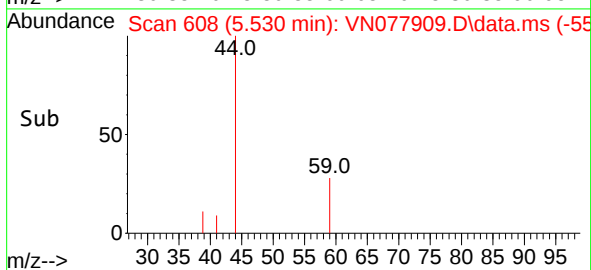
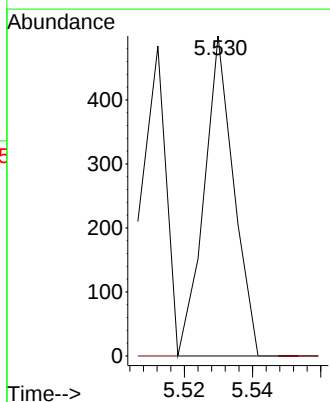
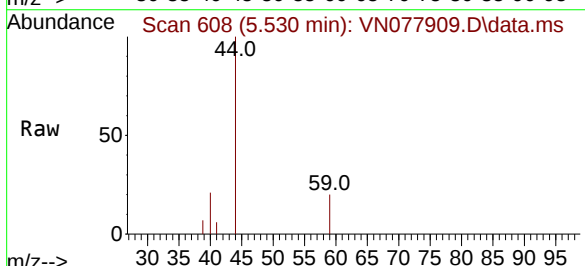
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

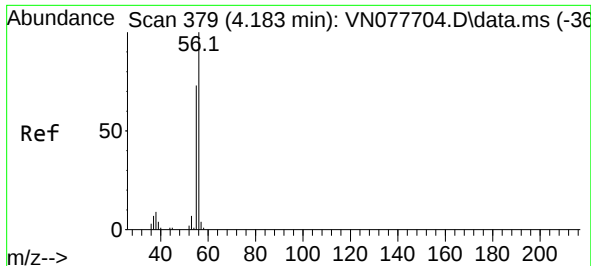
Tgt Ion: 94 Resp: 1303
Ion Ratio Lower Upper
94 100
96 73.2 73.1 109.7



#11
Tert butyl alcohol
Concen: 0.393 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

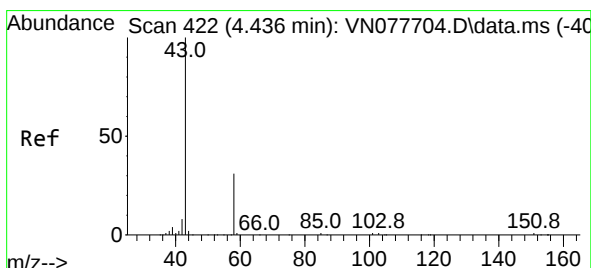
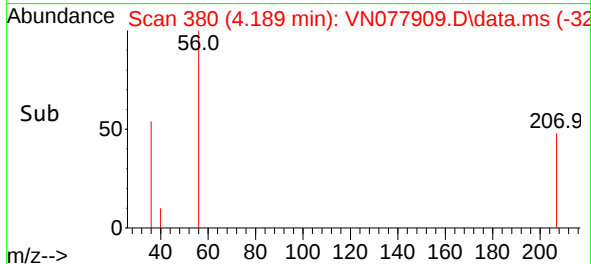
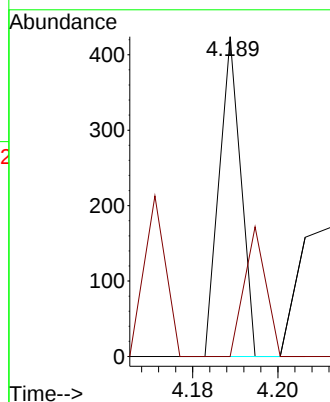
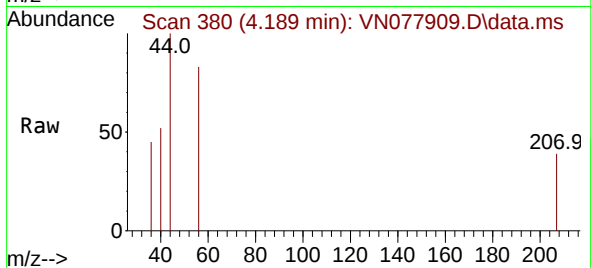
BP-VPB-RW11-GW-458-460

Tgt Ion: 56 Resp: 150

Ion Ratio Lower Upper

56 100

55 40.7 54.5 81.7#



#16

Acetone

Concen: 2.497 ug/l

RT: 4.459 min Scan# 426

Delta R.T. 0.029 min

Lab File: VN077909.D

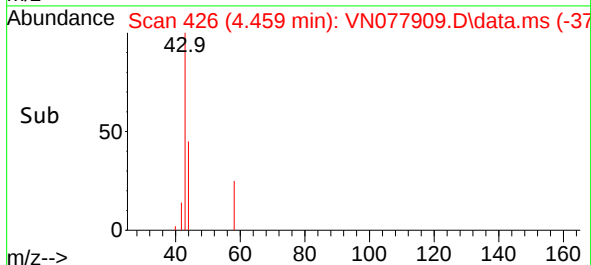
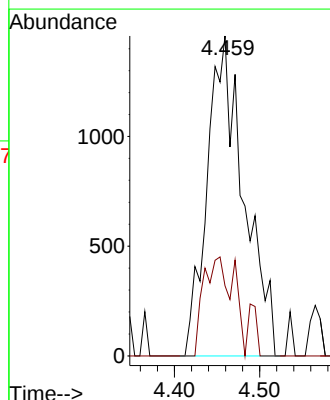
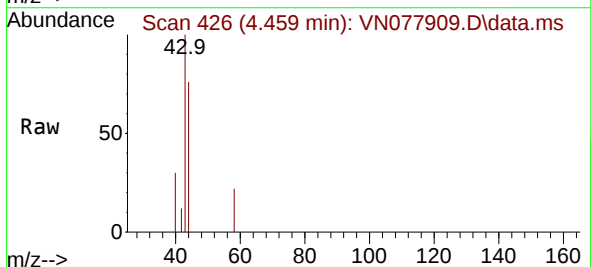
Acq: 25 May 2023 18:02

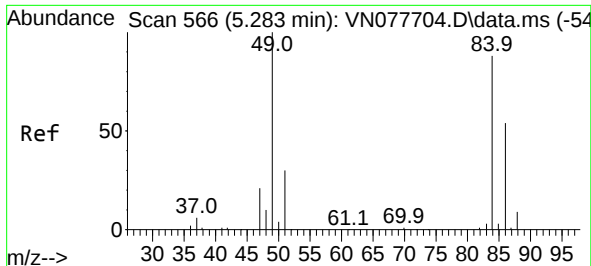
Tgt Ion: 43 Resp: 4373

Ion Ratio Lower Upper

43 100

58 21.9 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN077909.D

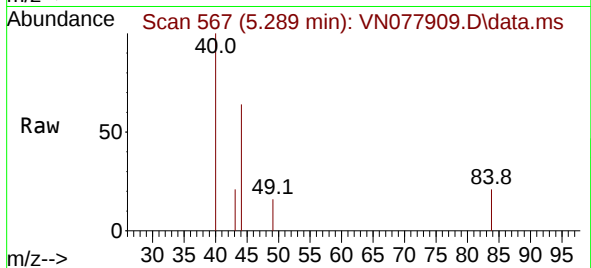
Acq: 25 May 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-458-460



Tgt Ion: 84 Resp: 130

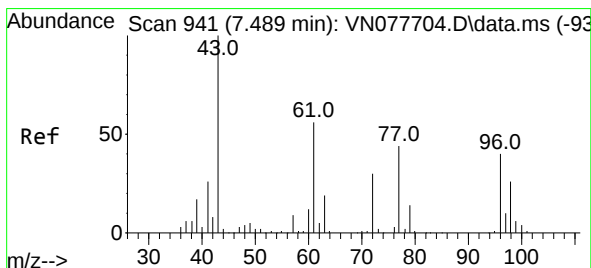
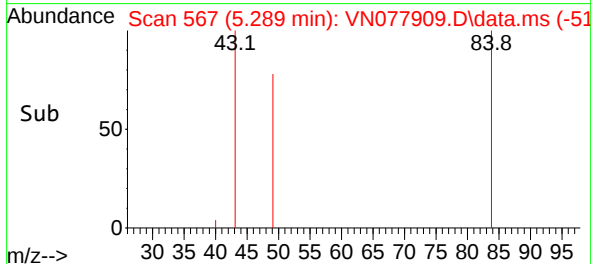
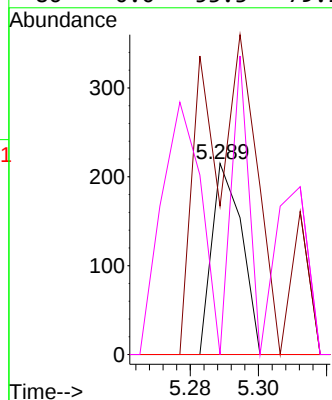
Ion Ratio Lower Upper

84 100

49 77.7 79.7 119.5#

51 0.0 25.2 37.8#

86 0.0 53.3 79.9#



#25

2-Butanone

Concen: 1.348 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.018 min

Lab File: VN077909.D

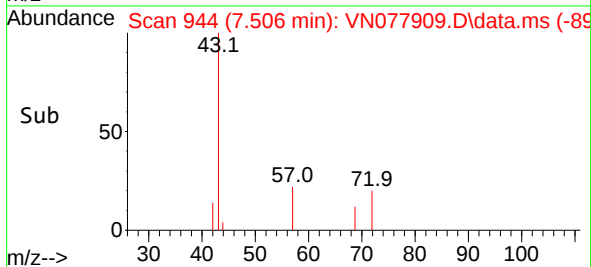
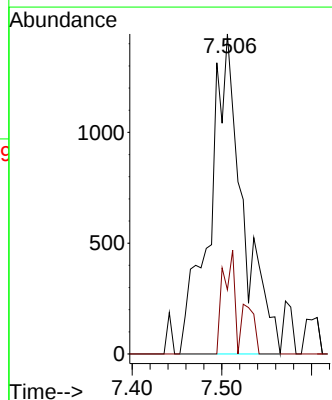
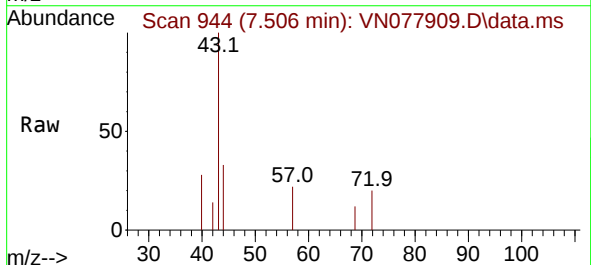
Acq: 25 May 2023 18:02

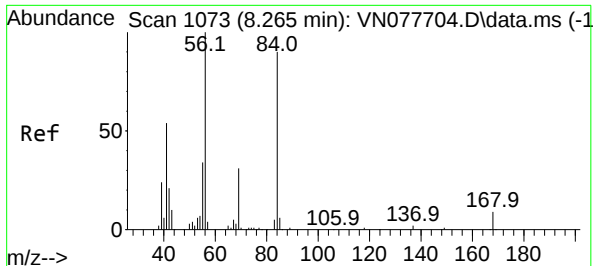
Tgt Ion: 43 Resp: 3694

Ion Ratio Lower Upper

43 100

72 20.1 30.2 45.2#





#31

Cyclohexane

Concen: 1.116 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-458-460

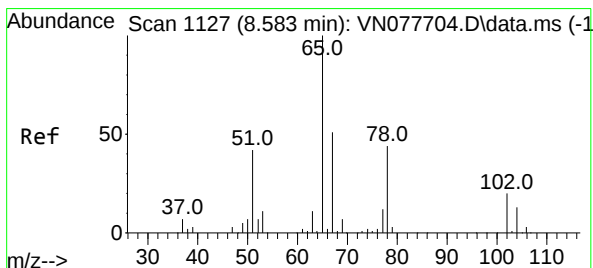
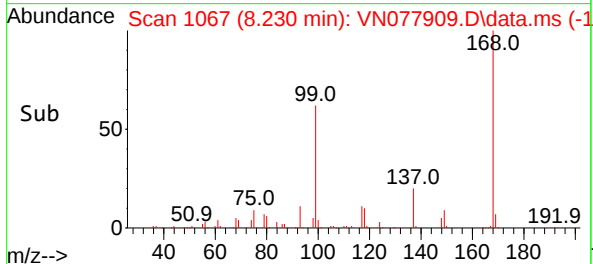
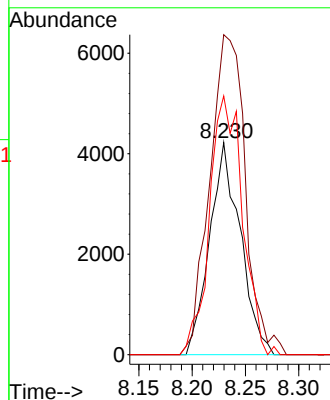
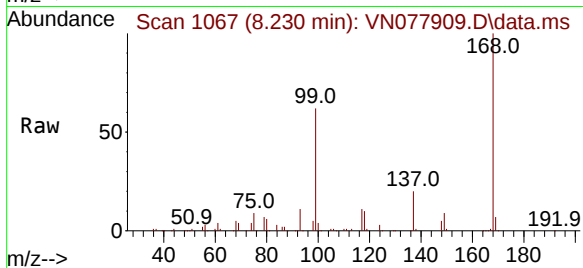
Tgt Ion: 56 Resp: 8445

Ion Ratio Lower Upper

56 100

69 150.9 26.8 40.2#

84 122.0 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 46.673 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077909.D

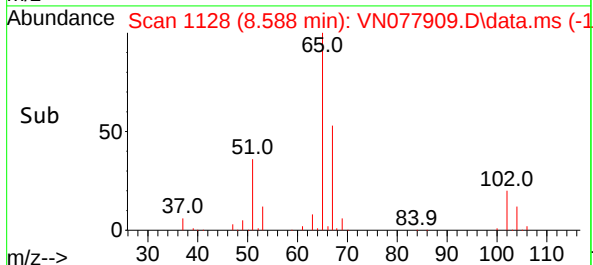
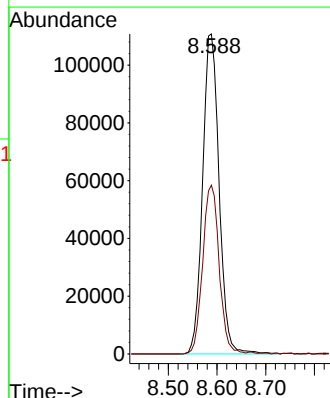
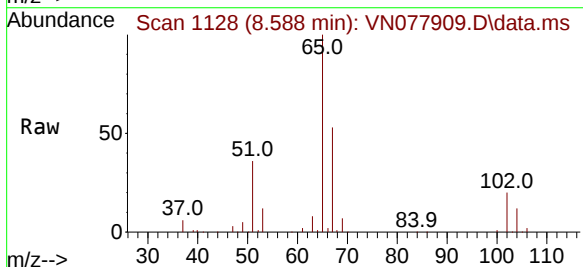
Acq: 25 May 2023 18:02

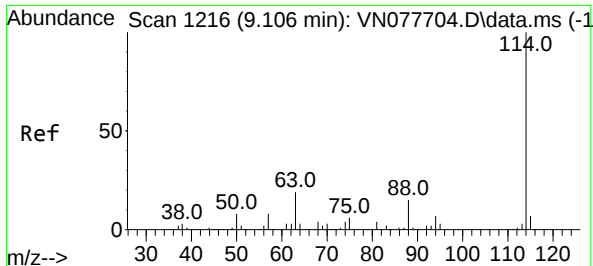
Tgt Ion: 65 Resp: 259786

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-458-460

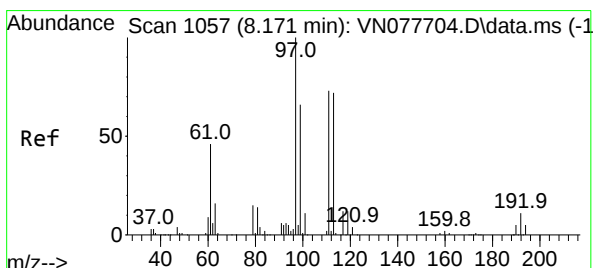
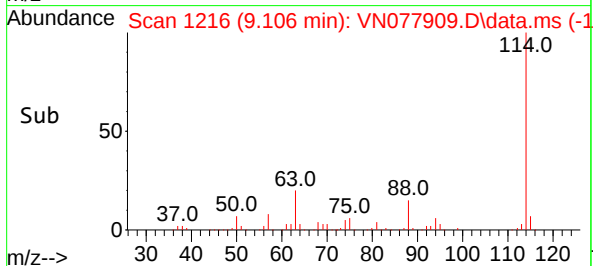
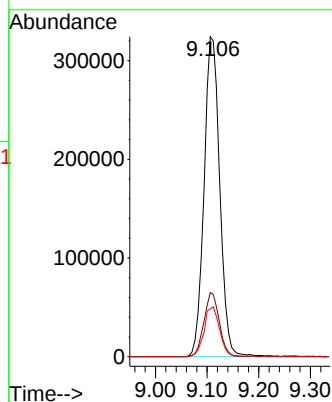
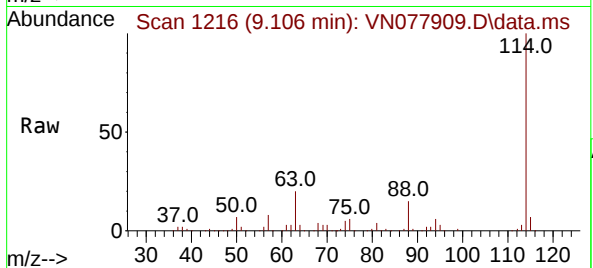
Tgt Ion:114 Resp: 683412

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.755 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

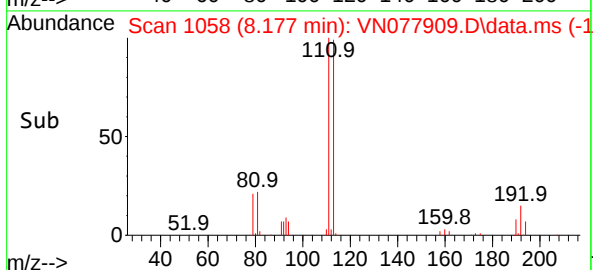
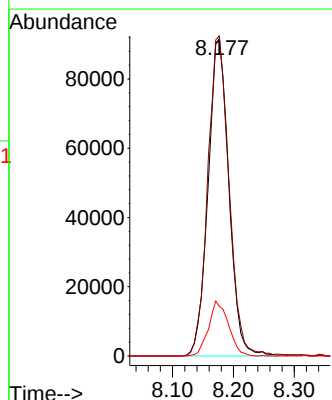
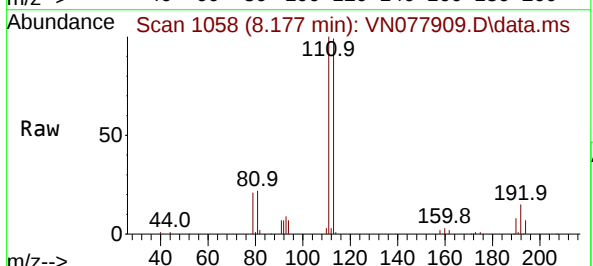
Tgt Ion:113 Resp: 217273

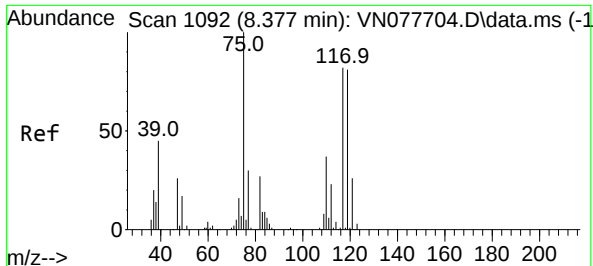
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.6 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.190 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-458-460

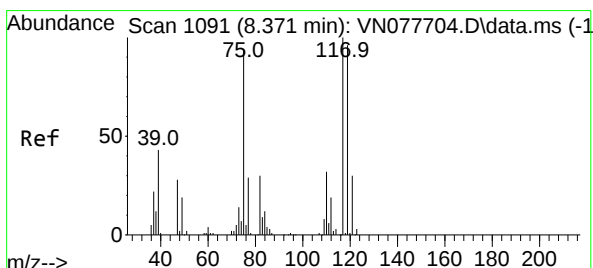
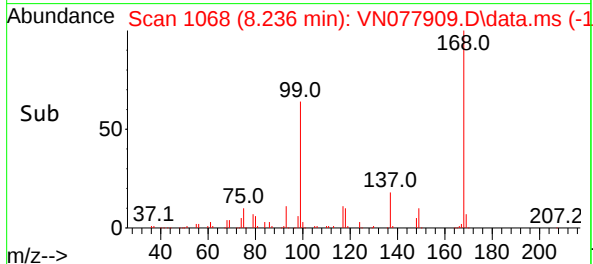
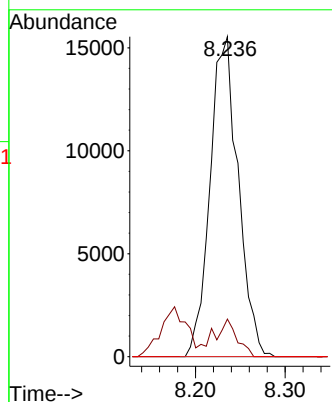
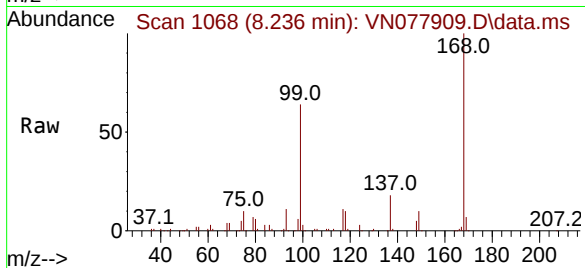
Tgt Ion: 75 Resp: 33828

Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.259 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN077909.D

Acq: 25 May 2023 18:02

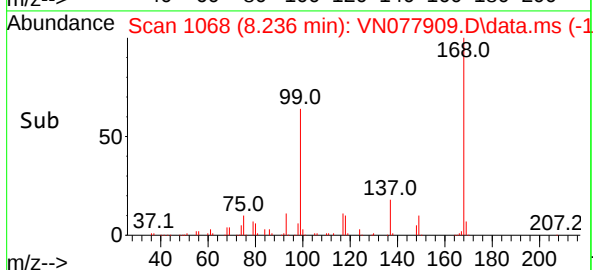
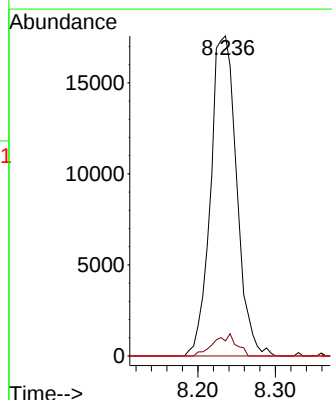
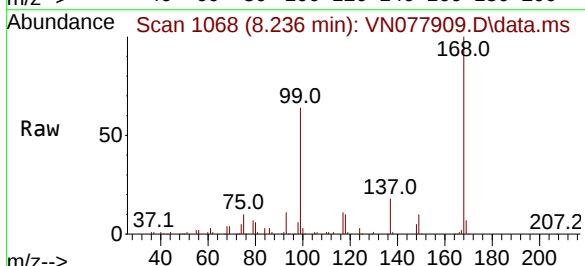
Tgt Ion: 117 Resp: 41200

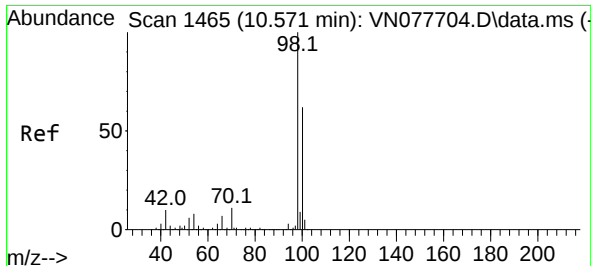
Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 23.3 34.9#

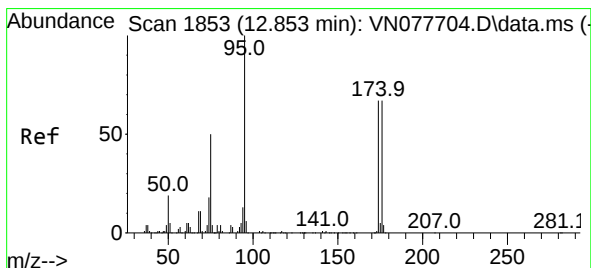
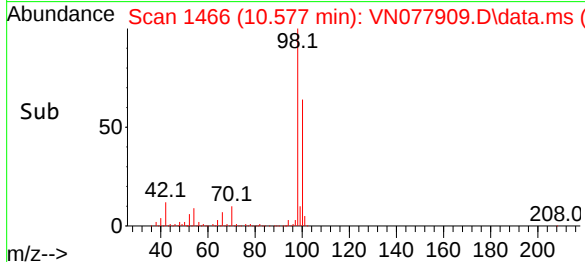
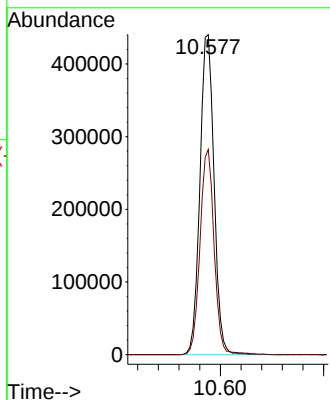
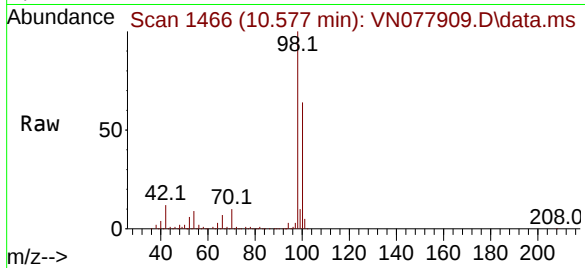




#50
Toluene-d8
Concen: 48.819 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

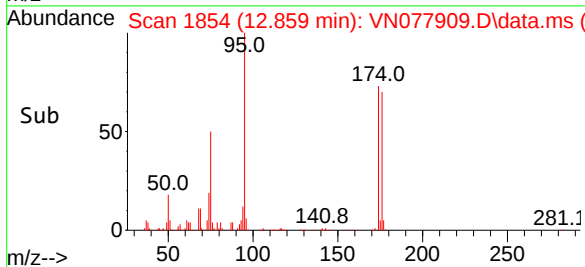
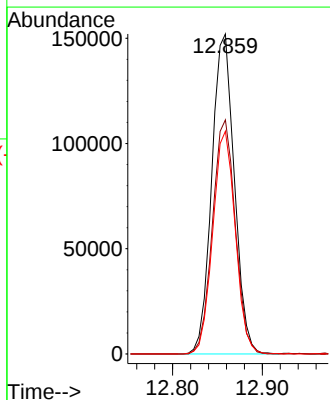
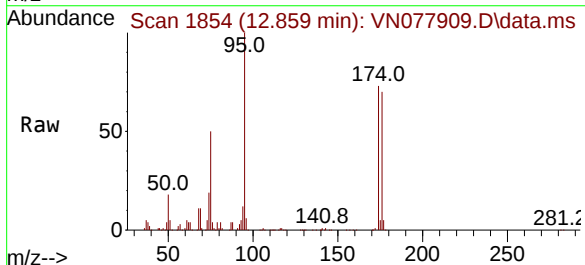
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

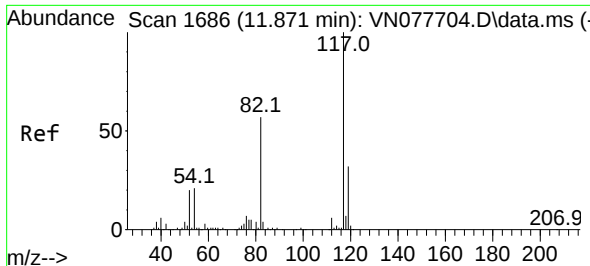
Tgt Ion: 98 Resp: 837396
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.834 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

Tgt Ion: 95 Resp: 265555
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 69.4 0.0 135.8

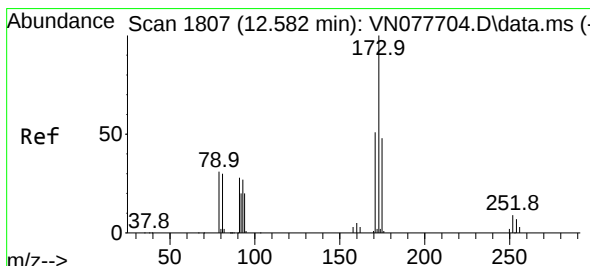
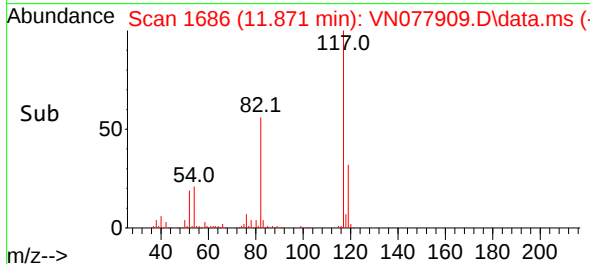
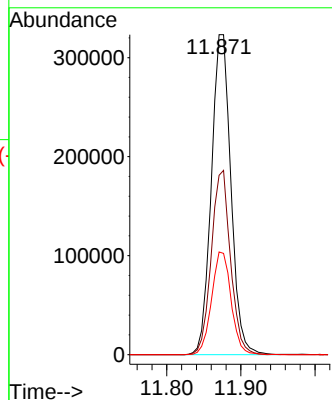
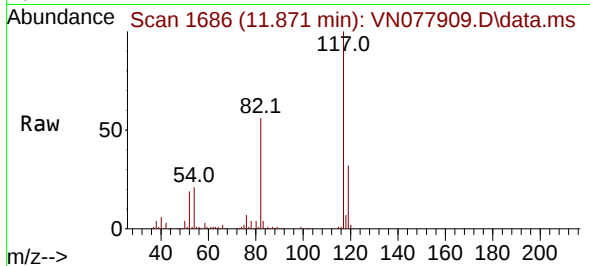




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

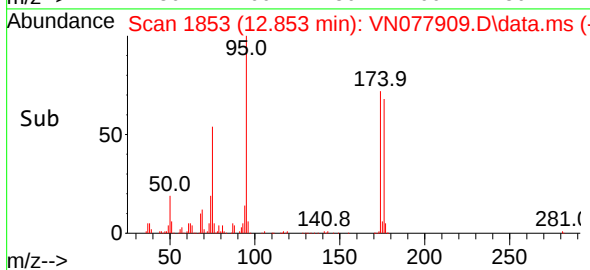
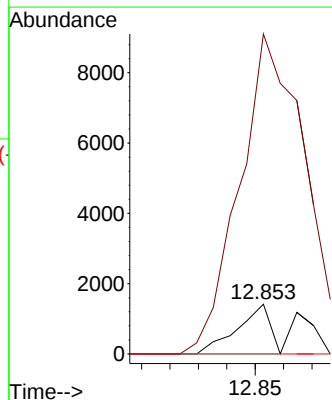
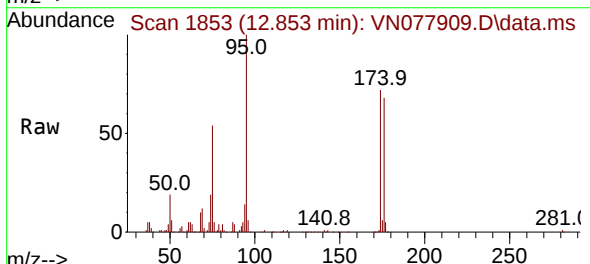
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

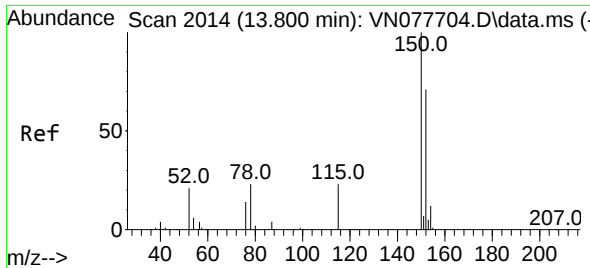
Tgt Ion:117 Resp: 592738
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.385 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

Tgt Ion:173 Resp: 1138
Ion Ratio Lower Upper
173 100
175 862.0 24.3 73.0#
254 0.0 0.0 0.0

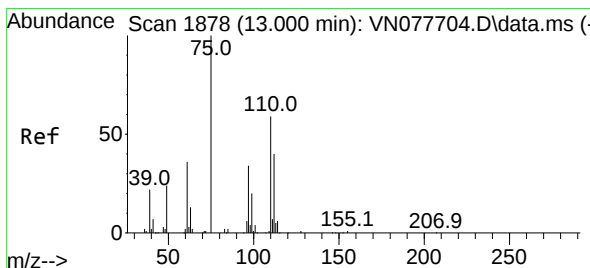
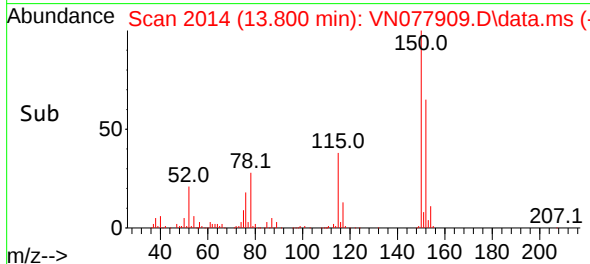
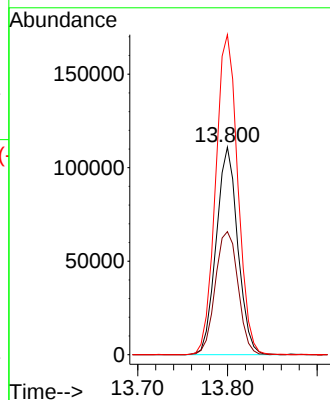
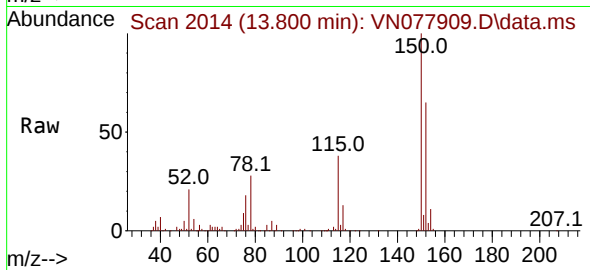




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

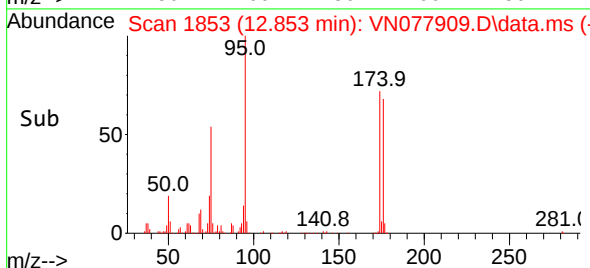
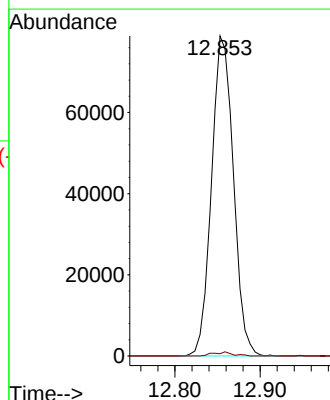
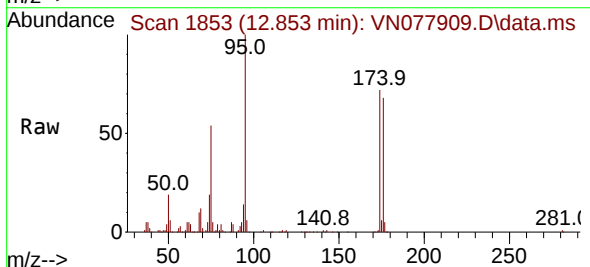
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-458-460

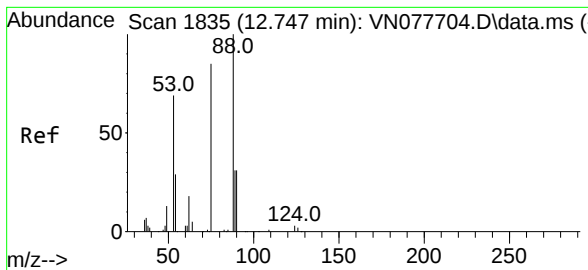
Tgt Ion:152 Resp: 184837
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 158.3 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 30.377 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077909.D
Acq: 25 May 2023 18:02

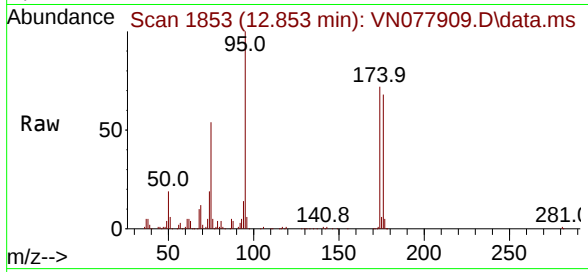
Tgt Ion: 75 Resp: 140616
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.102 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077909.D
 Acq: 25 May 2023 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-458-460



Tgt Ion: 75 Resp: 140616
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

