

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044446.D
 Acq On : 20 Dec 2024 12:49
 Operator : JC/MD
 Sample : P5314-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-698-700

Quant Time: Dec 20 14:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

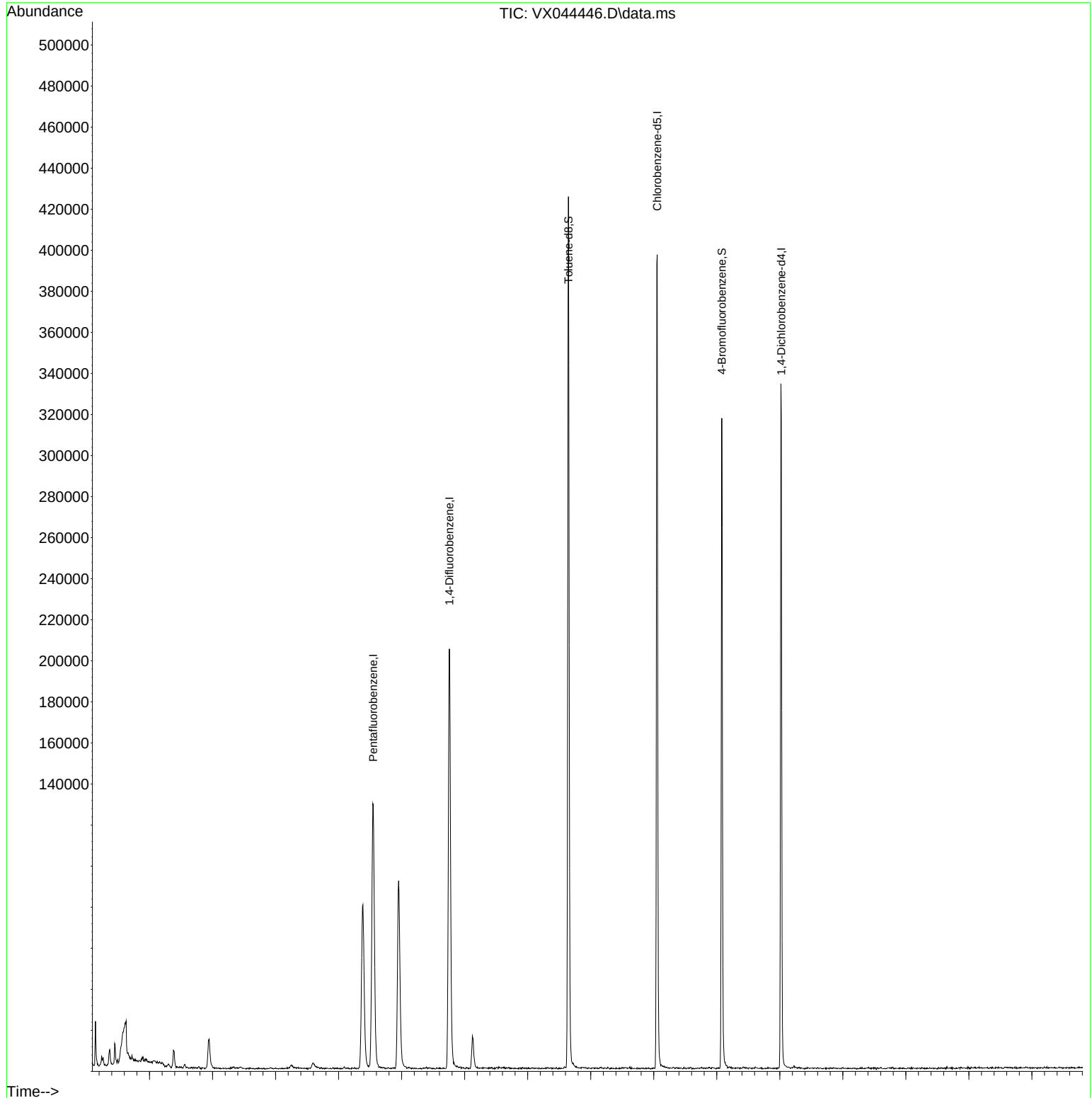
Internal Standards						
1) Pentafluorobenzene	5.550	168	121735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90187	42.254	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.500%		
35) Dibromofluoromethane	5.385	113	68986	47.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	8.647	98	252545	51.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.220%		
62) 4-Bromofluorobenzene	11.079	95	79964	46.316	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.640%		
Target Compounds						
11) Tert butyl alcohol	2.940	59	9223	30.660	ug/l #	72
16) Acetone	2.386	43	9498	10.915	ug/l	98
25) 2-Butanone	4.617	43	2159	1.745	ug/l	99
44) Trichloroethene	7.122	130	6238	4.352	ug/l	93

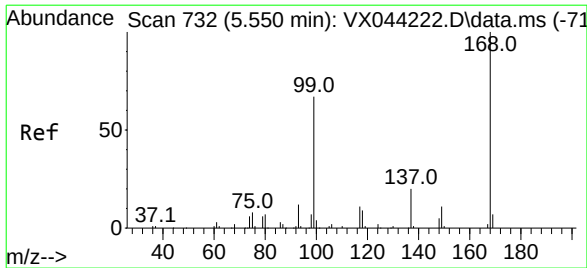
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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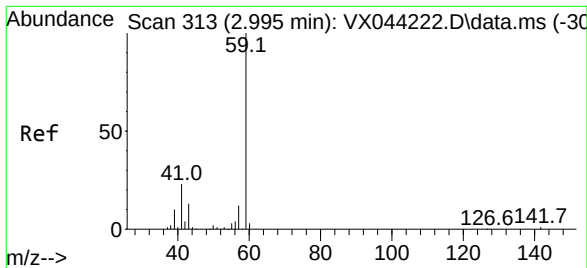
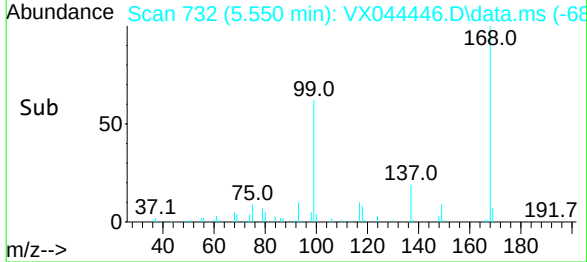
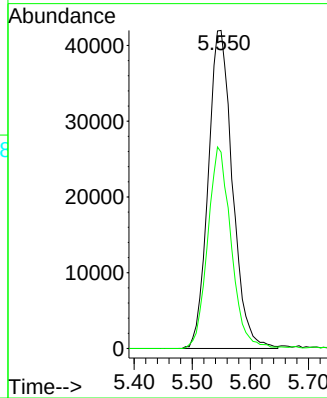
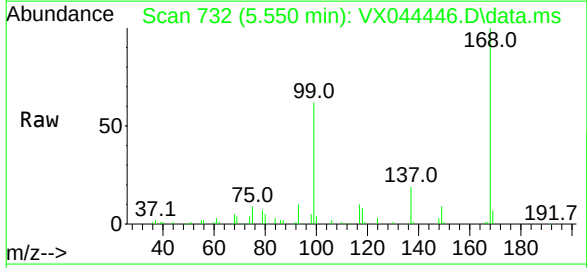




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

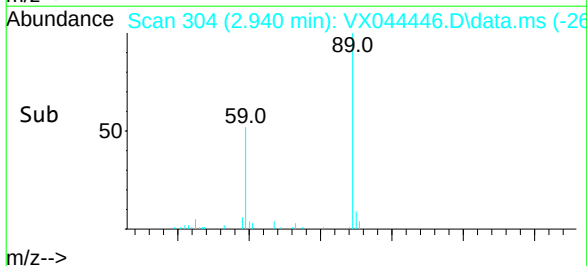
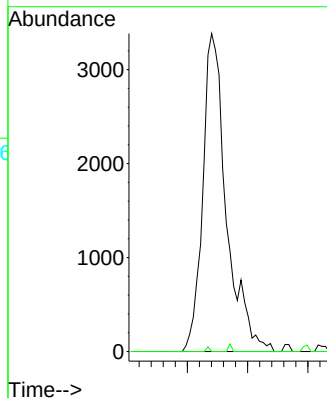
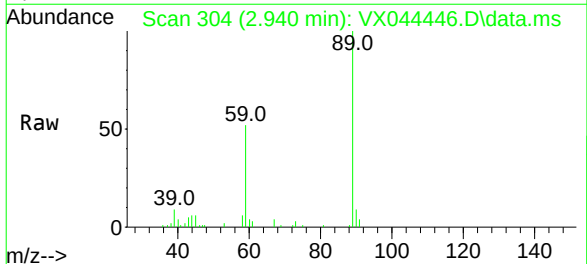
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

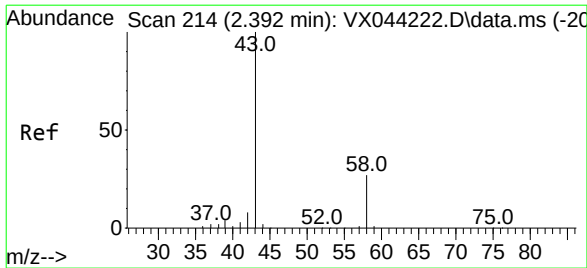
Tgt Ion:168 Resp: 121735
Ion Ratio Lower Upper
168 100
99 61.7 53.4 80.0



#11
Tert butyl alcohol
Concen: 30.660 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 59 Resp: 9223
Ion Ratio Lower Upper
59 100
57 0.2 8.8 13.2#

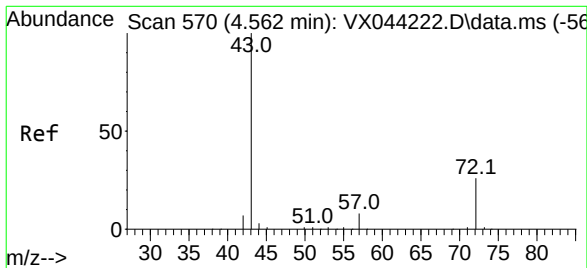
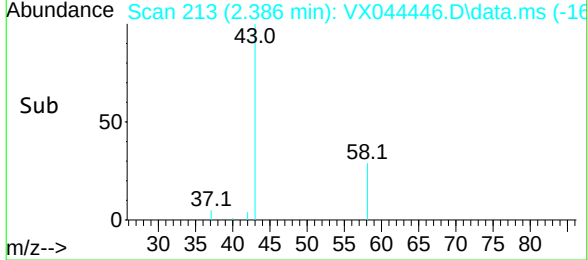
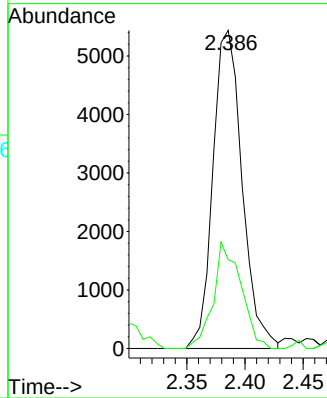
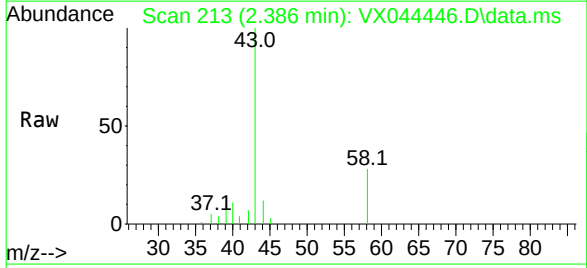




#16
Acetone
Concen: 10.915 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

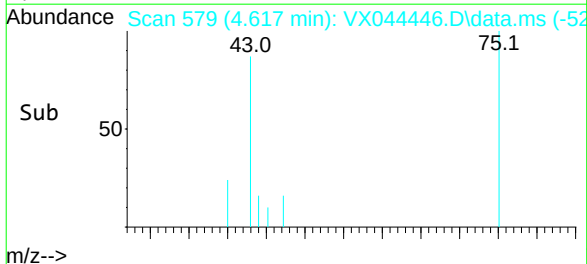
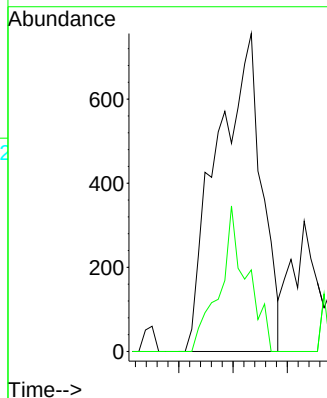
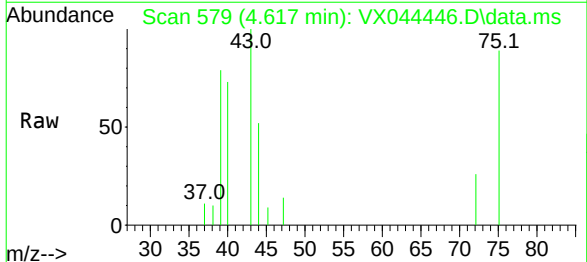
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

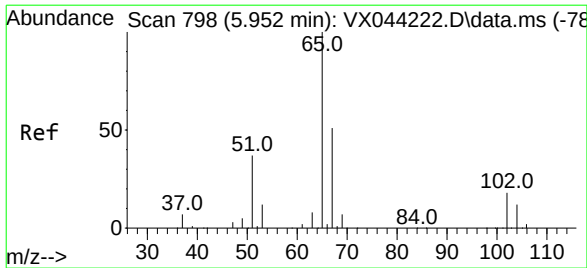
Tgt Ion: 43 Resp: 9498
Ion Ratio Lower Upper
43 100
58 27.9 21.6 32.4



#25
2-Butanone
Concen: 1.745 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.055 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
72 25.7 20.2 30.4

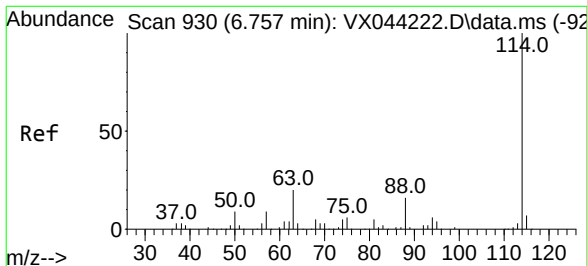
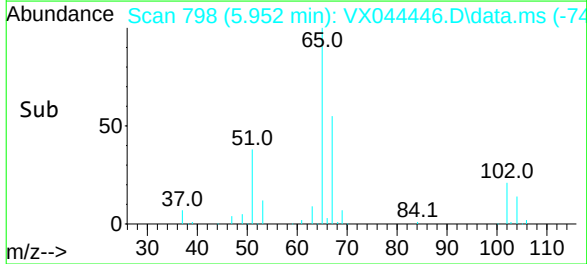
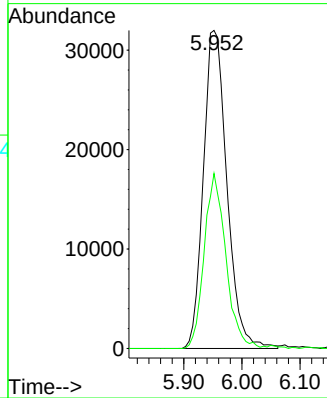
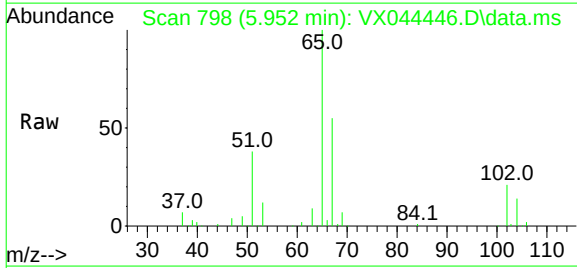




#33
1,2-Dichloroethane-d4
Concen: 42.254 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

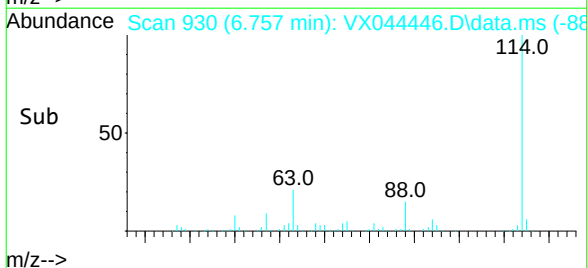
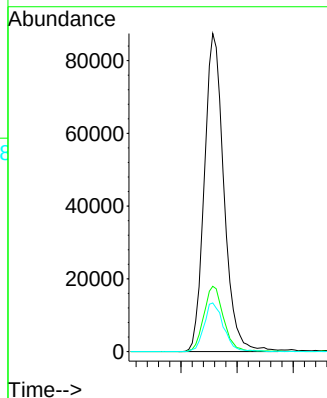
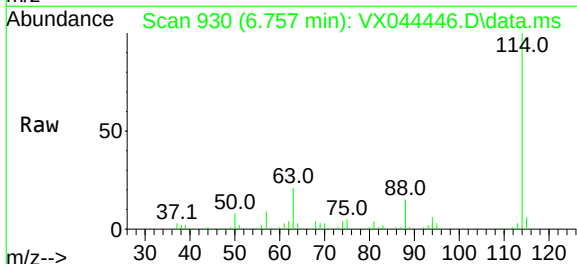
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-GW-698-700

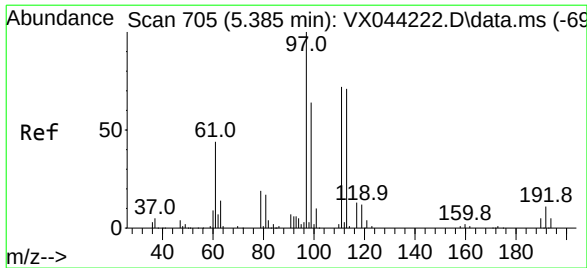
Tgt Ion: 65 Resp: 90187
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044446.D
Acq: 20 Dec 2024 12:49

Tgt Ion: 114 Resp: 211457
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.6
88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.104 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044446.D

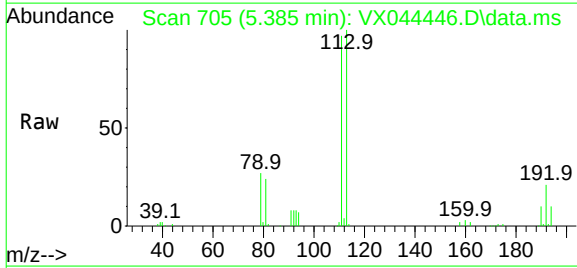
Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-GW-698-700



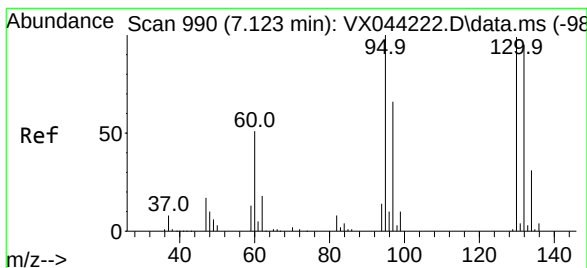
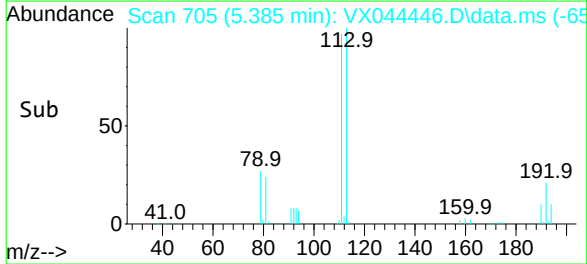
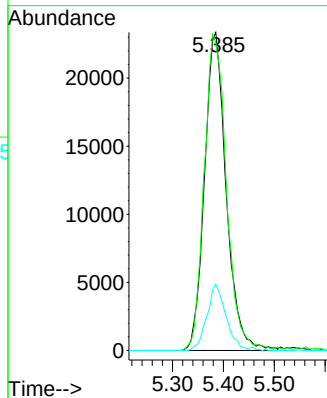
Tgt Ion:113 Resp: 68986

Ion Ratio Lower Upper

113 100

111 102.2 80.4 120.6

192 18.3 13.3 19.9



#44

Trichloroethene

Concen: 4.352 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044446.D

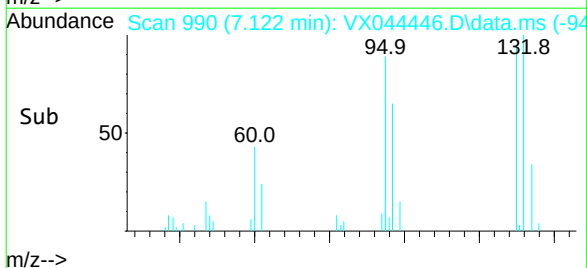
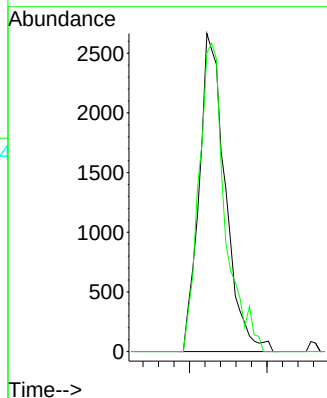
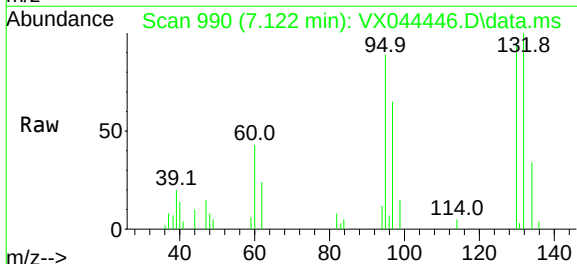
Acq: 20 Dec 2024 12:49

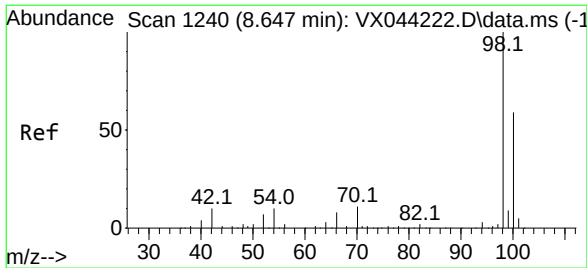
Tgt Ion:130 Resp: 6238

Ion Ratio Lower Upper

130 100

95 93.9 0.0 201.4





#50

Toluene-d8

Concen: 51.113 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

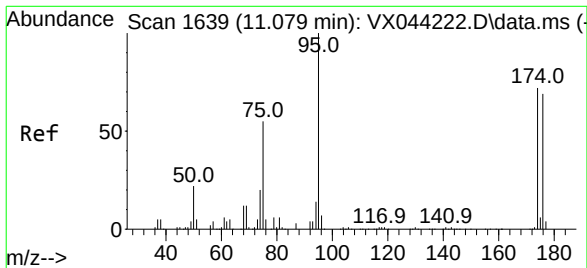
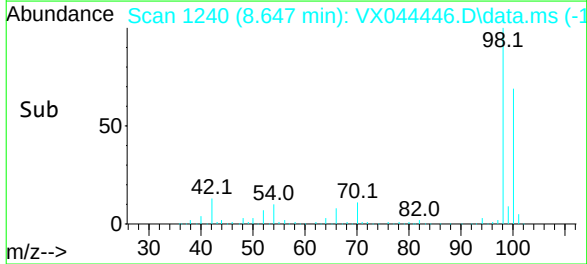
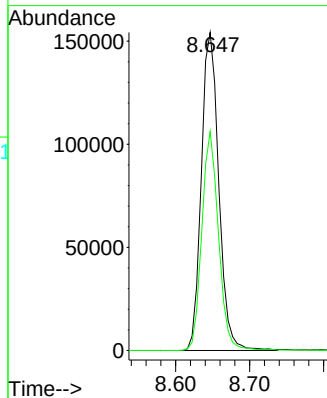
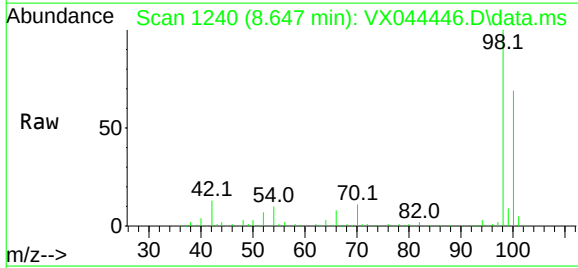
BP-VPB-190A-GW-698-700

Tgt Ion: 98 Resp: 252545

Ion Ratio Lower Upper

98 100

100 65.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.316 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

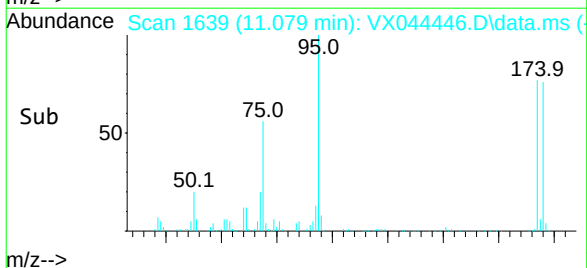
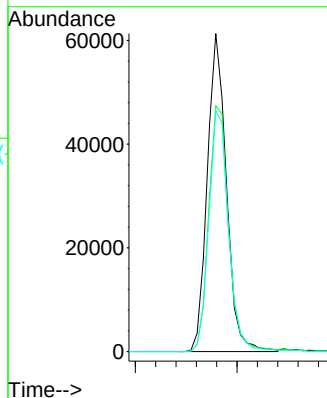
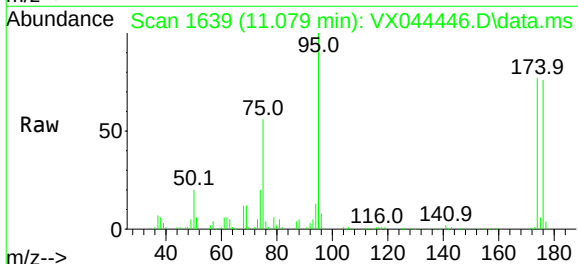
Tgt Ion: 95 Resp: 79964

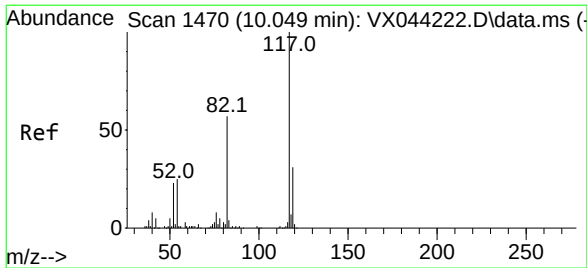
Ion Ratio Lower Upper

95 100

174 81.0 0.0 145.8

176 78.0 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-GW-698-700

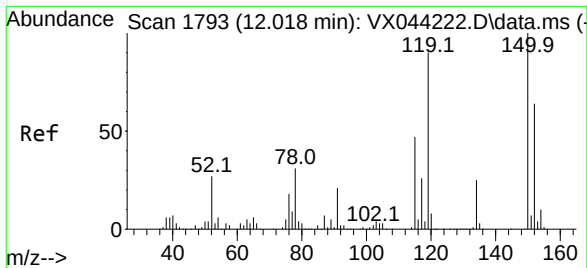
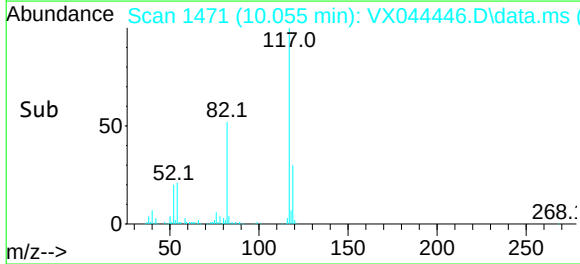
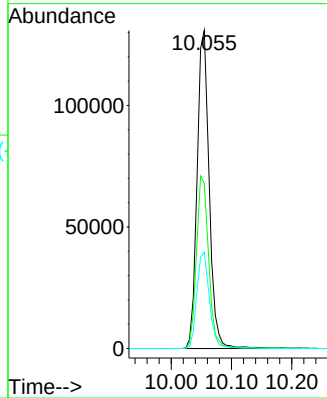
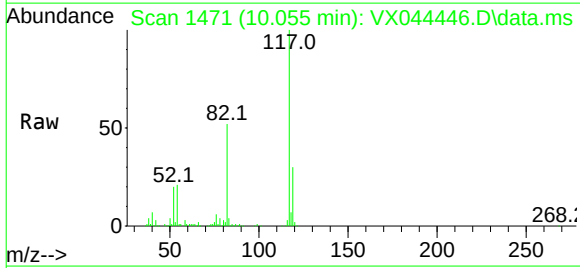
Tgt Ion:117 Resp: 182367

Ion Ratio Lower Upper

117 100

82 51.9 45.8 68.8

119 30.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044446.D

Acq: 20 Dec 2024 12:49

Tgt Ion:152 Resp: 69187

Ion Ratio Lower Upper

152 100

115 60.7 44.5 133.3

150 157.7 0.0 353.8

