

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046216.D
 Acq On : 15 May 2025 16:08
 Operator : JC/MD
 Sample : Q2050-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-240-242

Quant Time: May 16 01:07:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

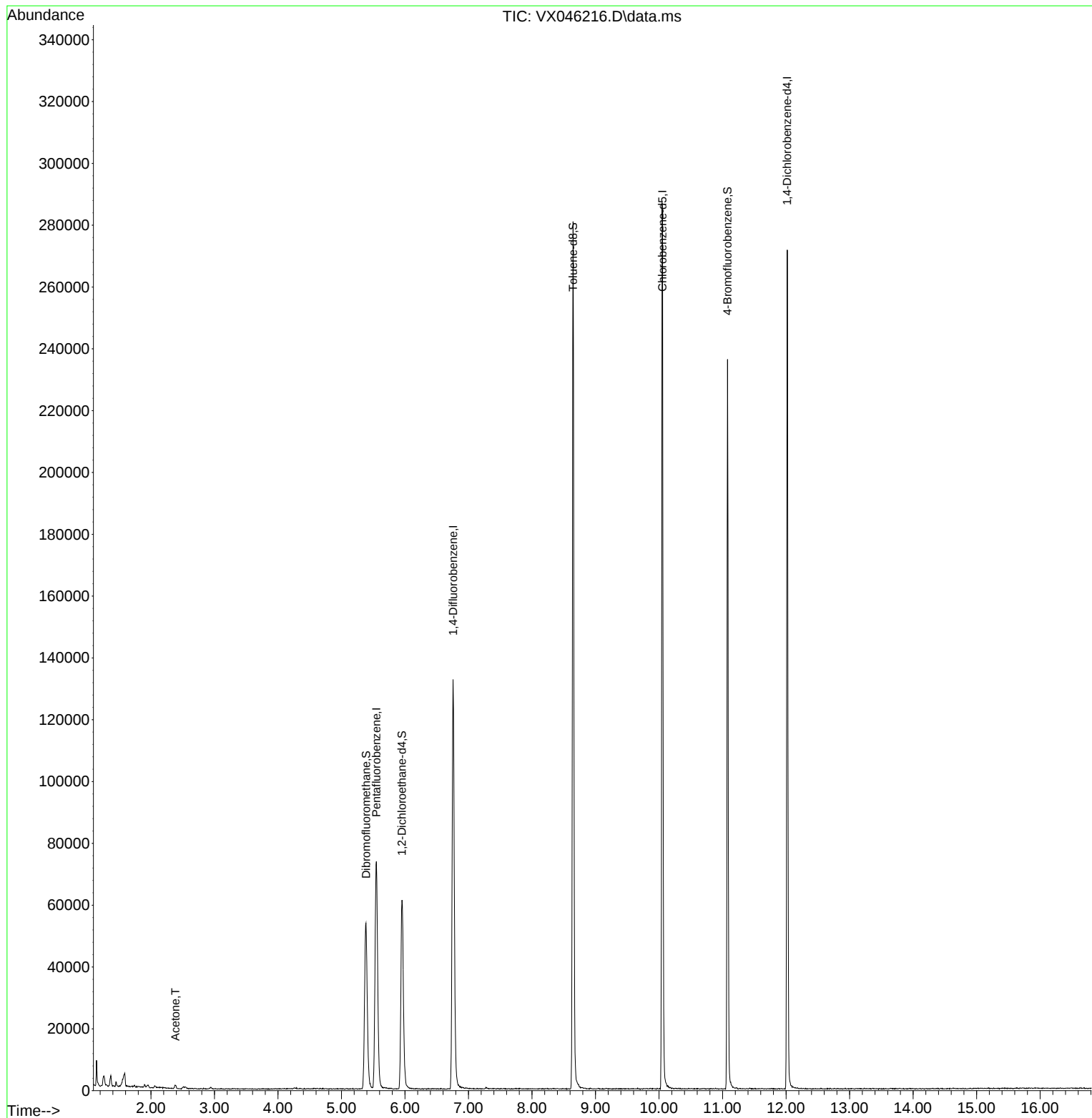
Internal Standards						
1) Pentafluorobenzene	5.550	168	62386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64008	55.033	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.060%	
35) Dibromofluoromethane	5.385	113	47047	52.151	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.300%	
50) Toluene-d8	8.647	98	157987	50.598	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.200%	
62) 4-Bromofluorobenzene	11.079	95	60365	50.400	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.800%	
Target Compounds						
16) Acetone	2.386	43	1365	2.927	ug/l	Qvalue # 82

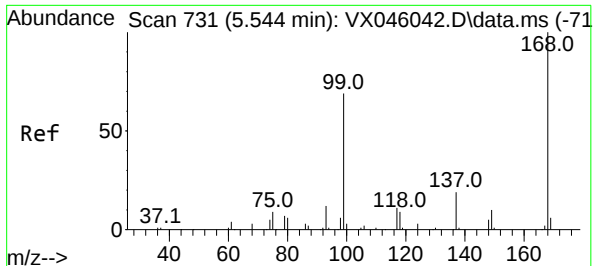
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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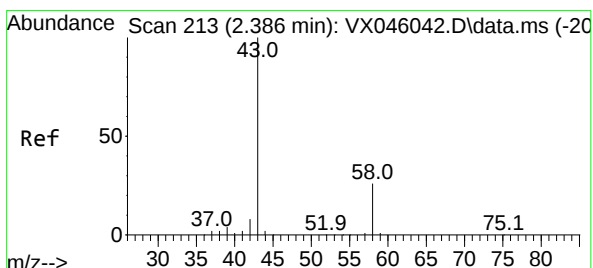
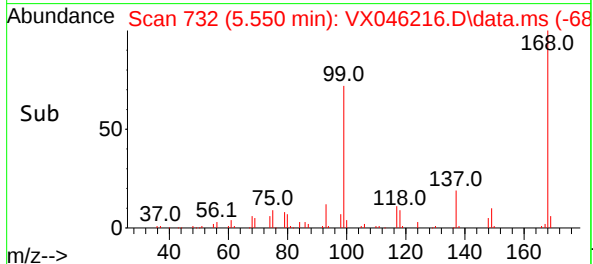
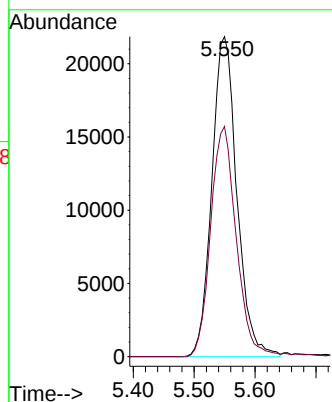
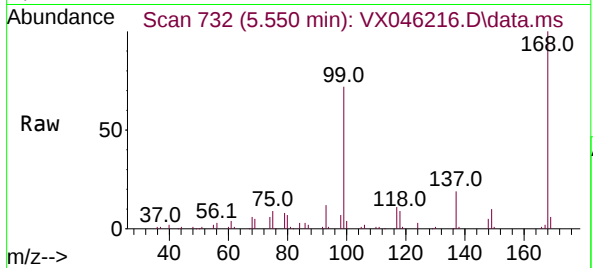




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

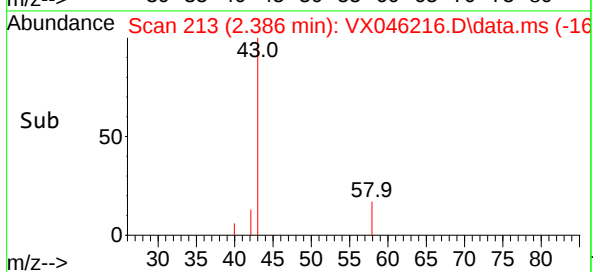
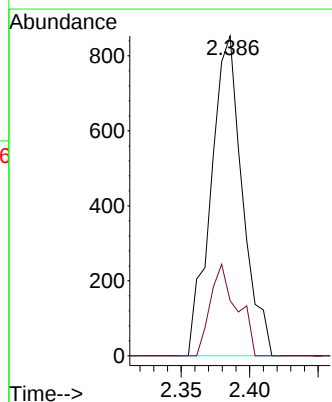
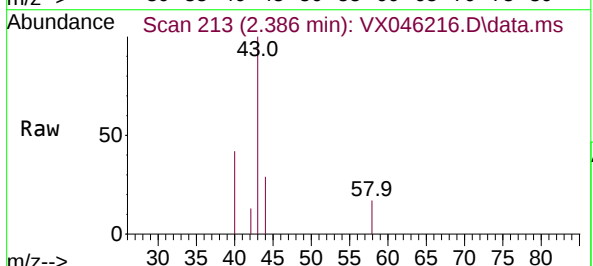
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

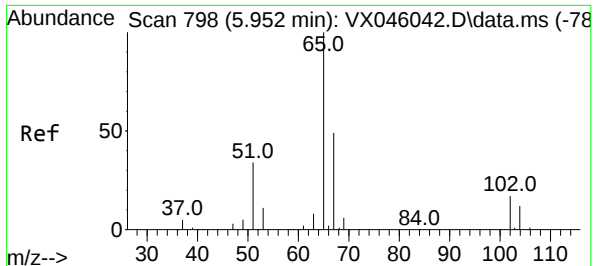
Tgt Ion:168 Resp: 62386
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#16
Acetone
Concen: 2.927 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 17.2 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 55.033 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046216.D

Acq: 15 May 2025 16:08

Instrument :

MSVOA_X

ClientSampleId :

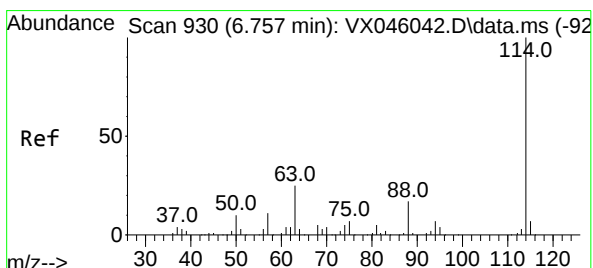
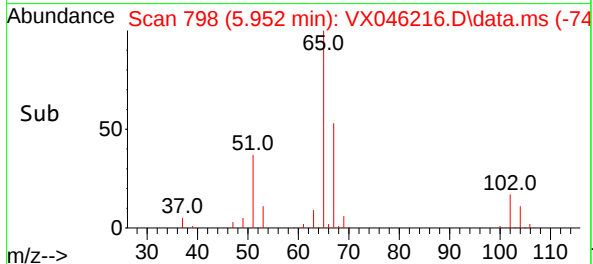
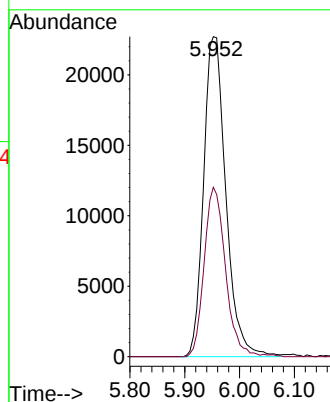
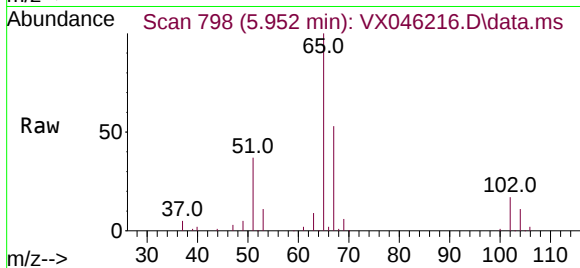
BP-VPB-182-GW-240-242

Tgt Ion: 65 Resp: 64008

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046216.D

Acq: 15 May 2025 16:08

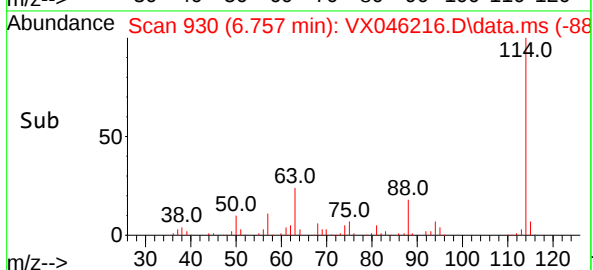
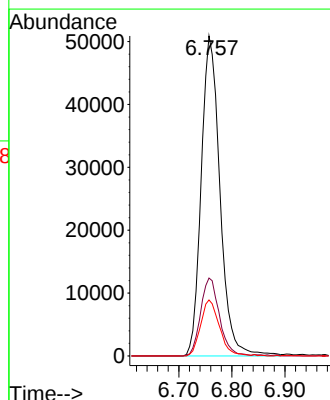
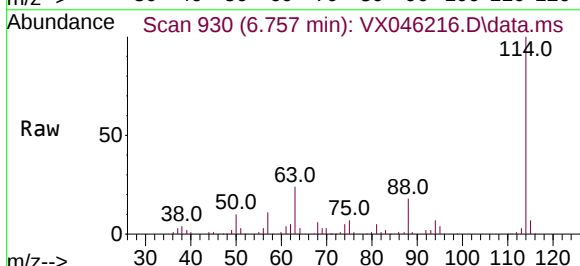
Tgt Ion: 114 Resp: 125278

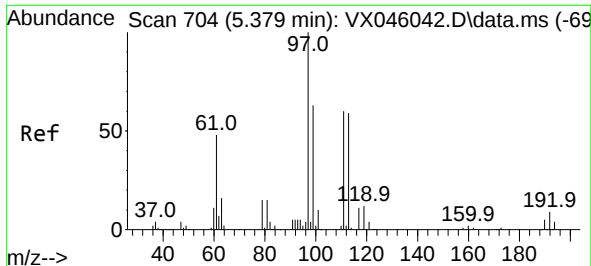
Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.5 0.0 33.6

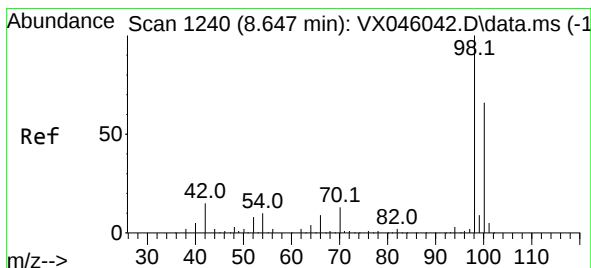
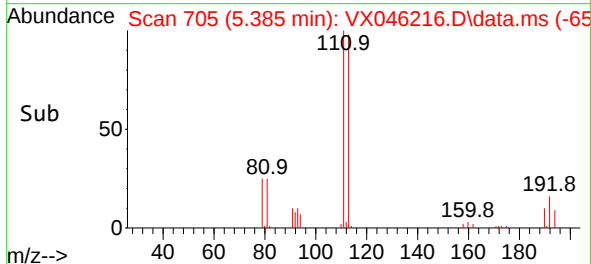
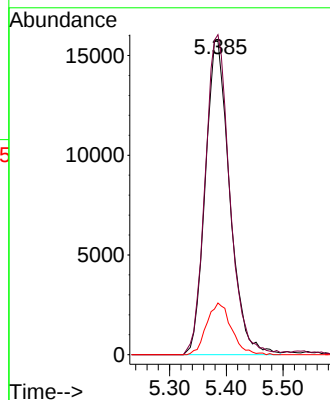
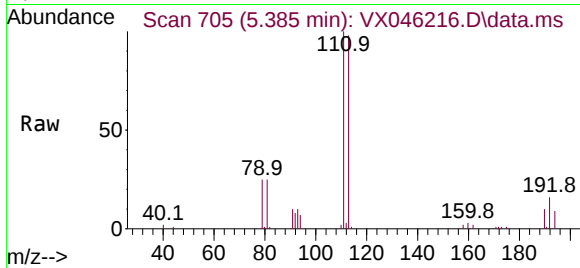




#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

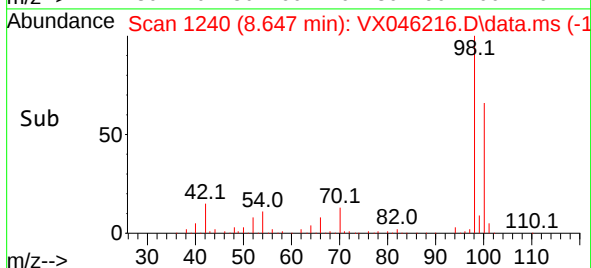
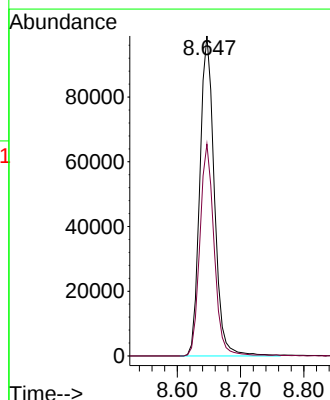
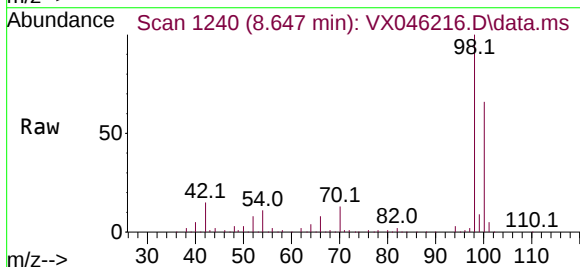
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

Tgt Ion:113 Resp: 47047
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 50.598 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

Tgt Ion: 98 Resp: 157987
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3

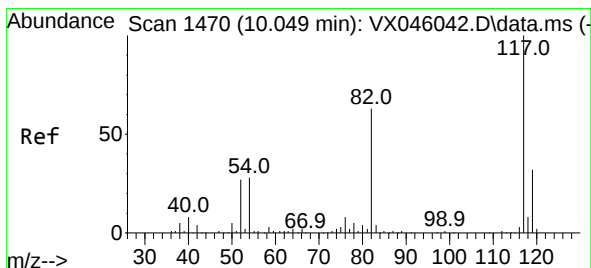
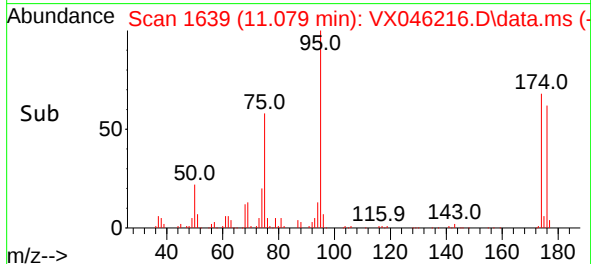
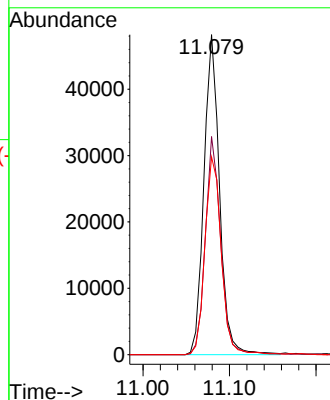
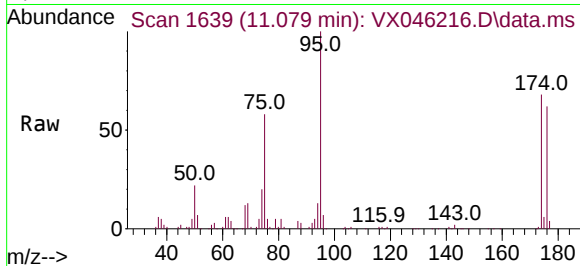




#62
4-Bromofluorobenzene
Concen: 50.400 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

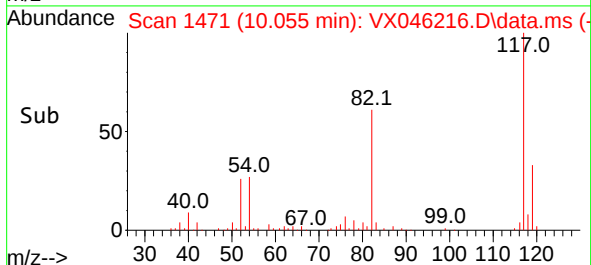
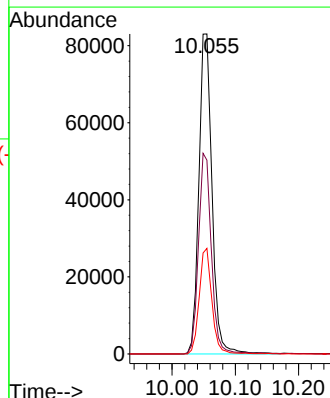
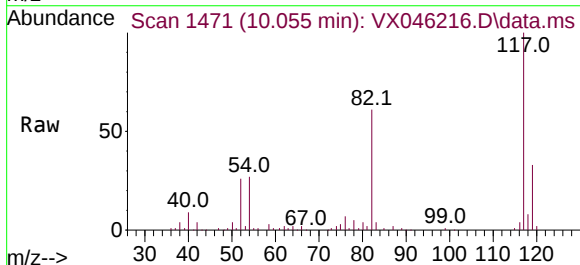
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-240-242

Tgt Ion: 95 Resp: 60365
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046216.D
Acq: 15 May 2025 16:08

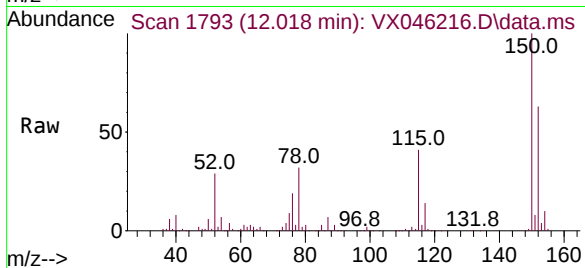
Tgt Ion: 117 Resp: 120203
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 33.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046216.D
 Acq: 15 May 2025 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-240-242



Tgt Ion:152 Resp: 50190
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 157.5 0.0 351.0

