

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046428.D
 Acq On : 30 May 2025 17:46
 Operator : JC/MD
 Sample : Q2162-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602

Quant Time: May 30 23:32:48 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)

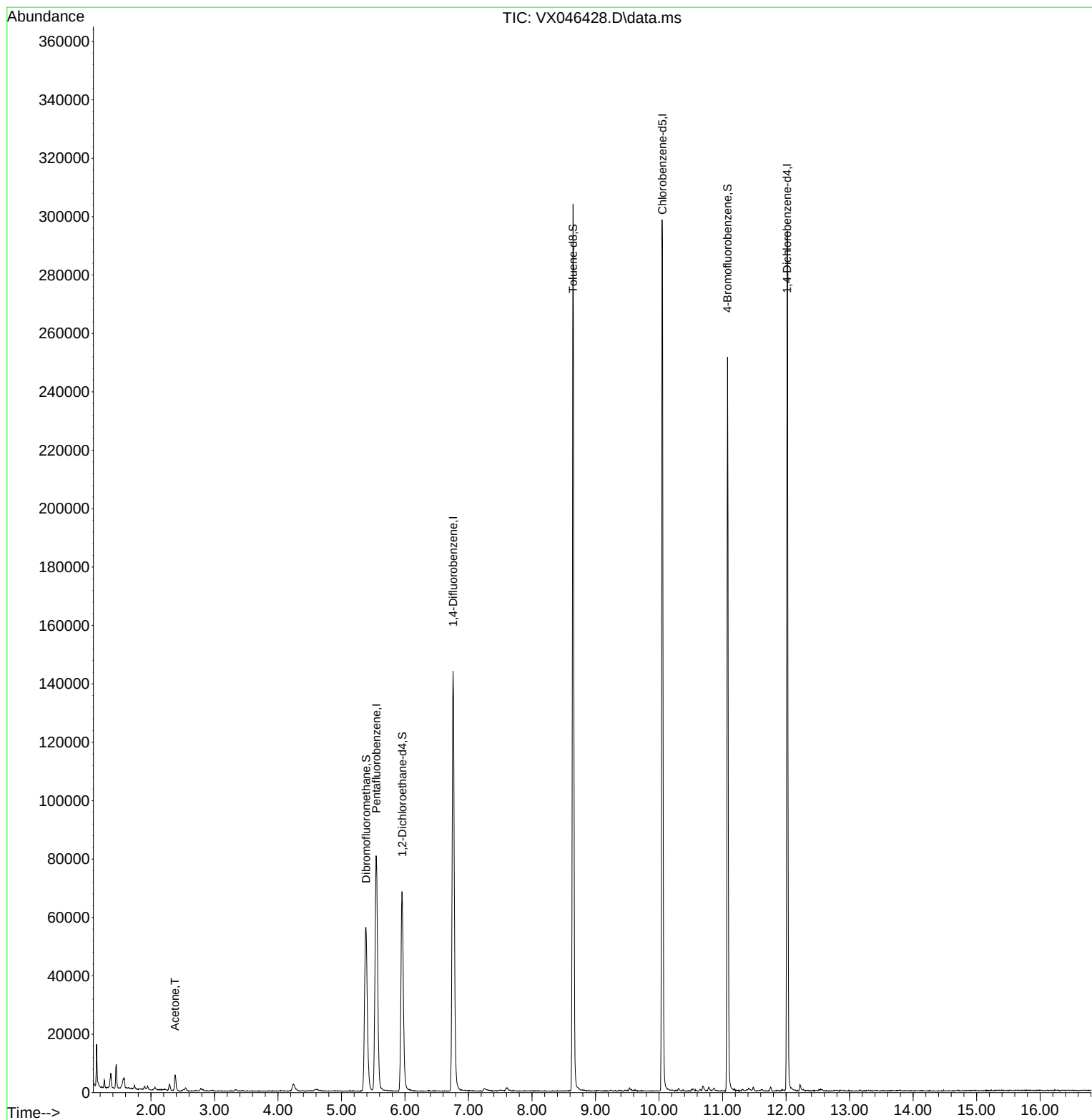
Internal Standards						
1) Pentafluorobenzene	5.550	168	67201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69217	55.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.500%
35) Dibromofluoromethane	5.385	113	50514	51.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.760%
50) Toluene-d8	8.647	98	166644	48.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	64365	49.311	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.620%
Target Compounds						
16) Acetone	2.380	43	6148	12.239	ug/l	Qvalue 99

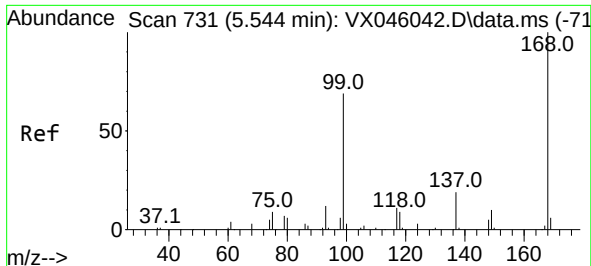
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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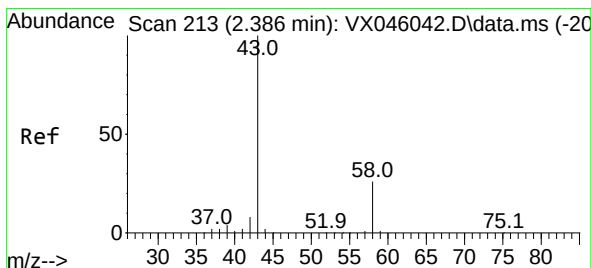
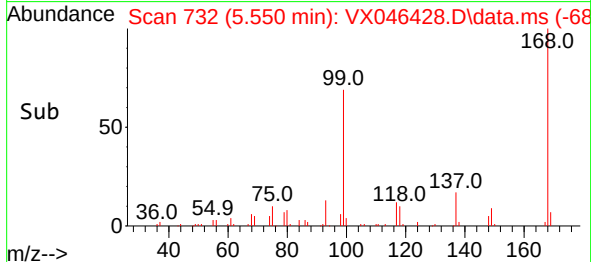
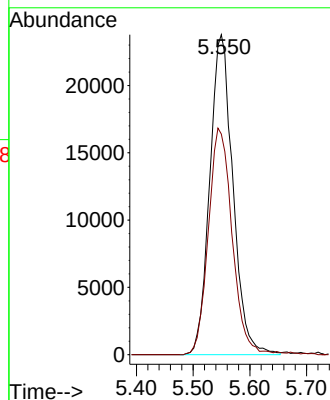
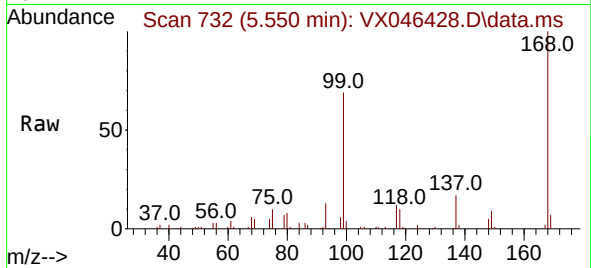




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

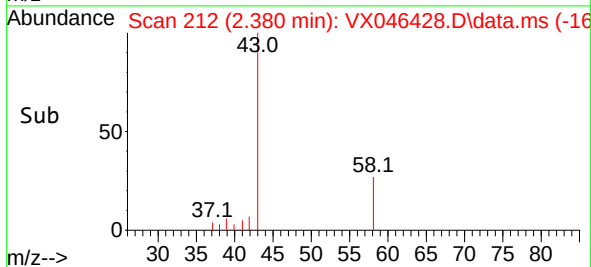
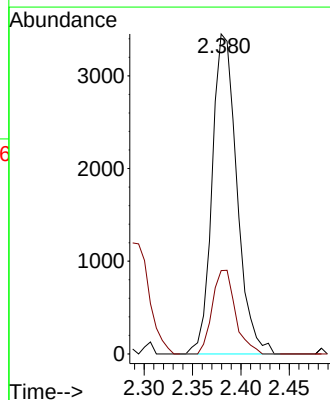
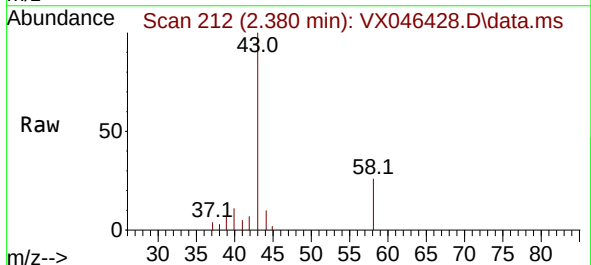
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

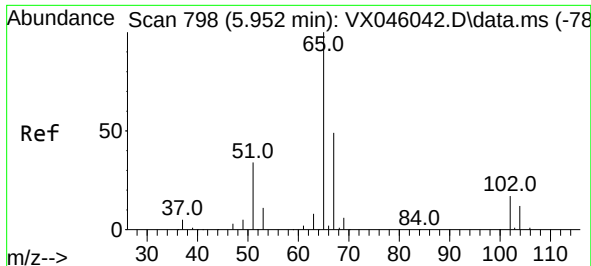
Tgt Ion:168 Resp: 67201
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#16
Acetone
Concen: 12.239 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 43 Resp: 6148
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 55.248 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX046428.D

Acq: 30 May 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

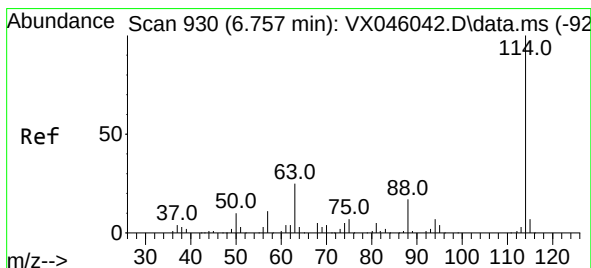
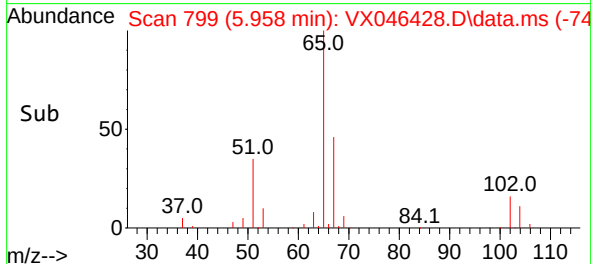
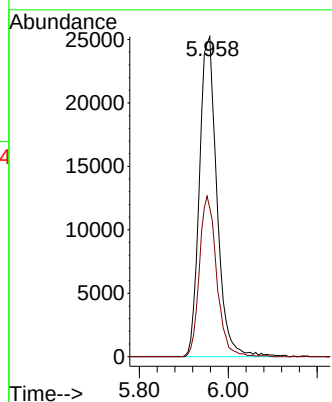
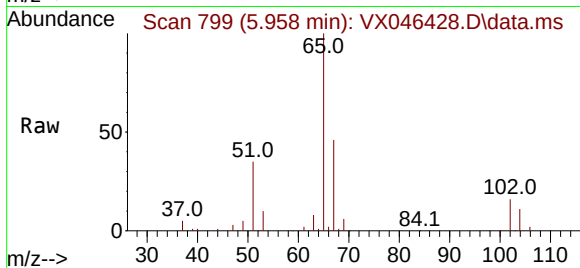
BP-VPB-182-GW-600-602

Tgt Ion: 65 Resp: 69217

Ion Ratio Lower Upper

65 100

67 49.3 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: VX046428.D

Acq: 30 May 2025 17:46

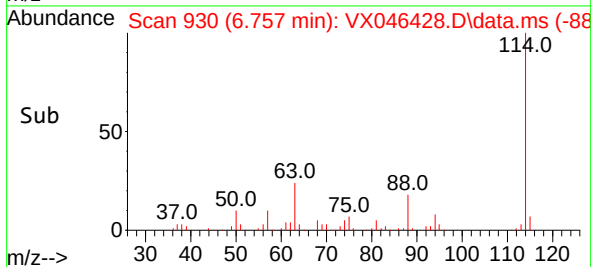
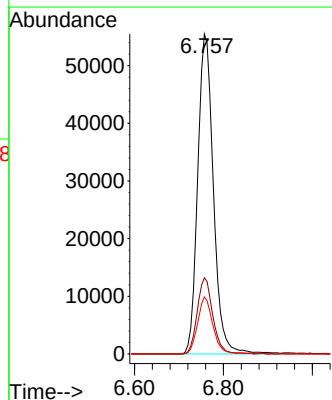
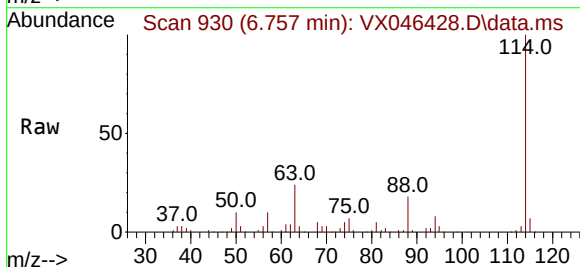
Tgt Ion: 114 Resp: 136531

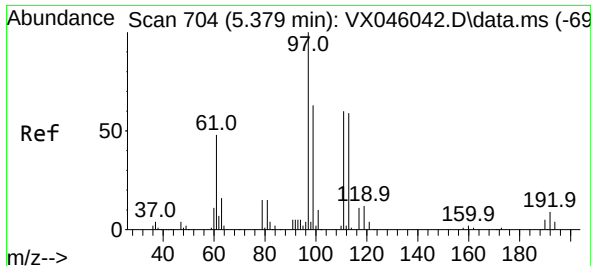
Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

88 17.8 0.0 33.6

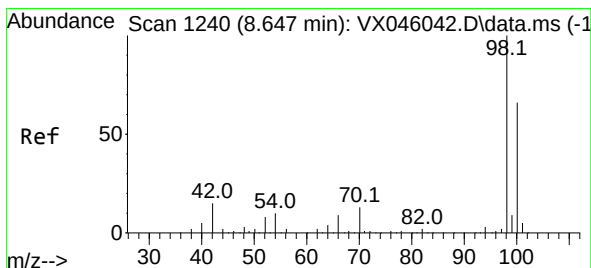
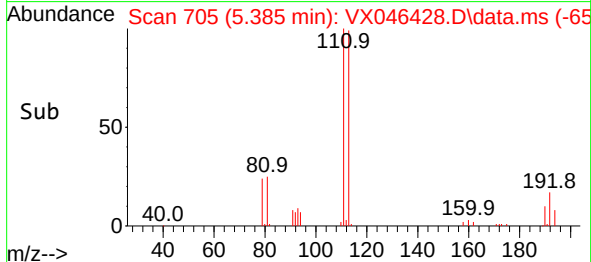
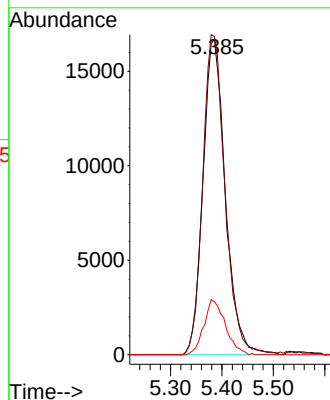
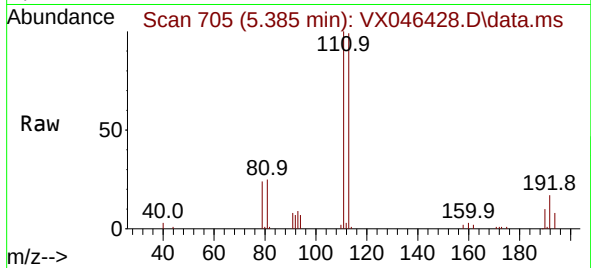




#35
Dibromofluoromethane
Concen: 51.379 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

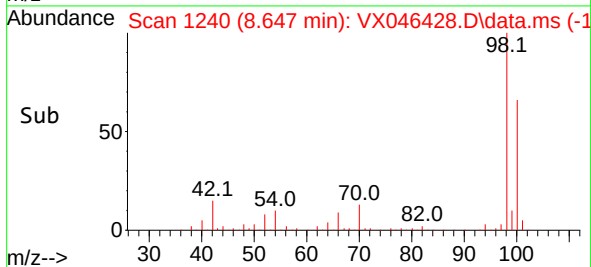
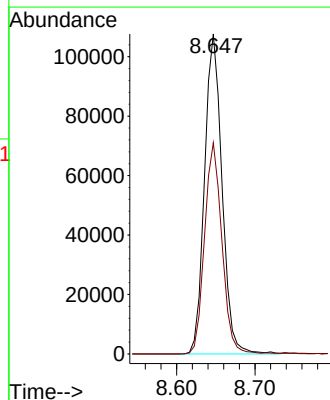
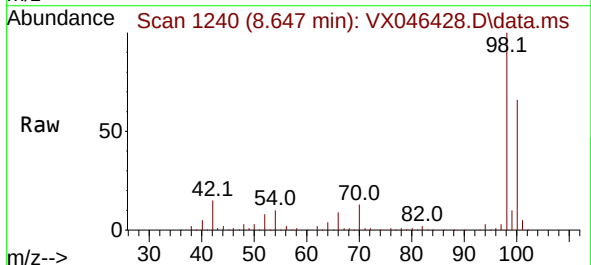
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

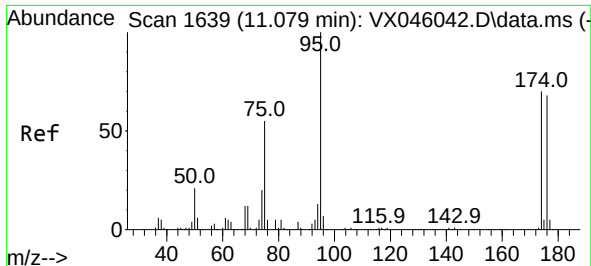
Tgt Ion:113 Resp: 50514
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.7 13.3 19.9



#50
Toluene-d8
Concen: 48.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 98 Resp: 166644
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

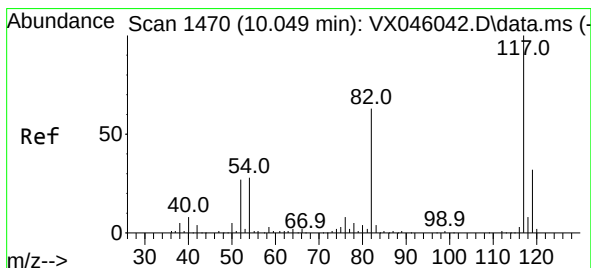
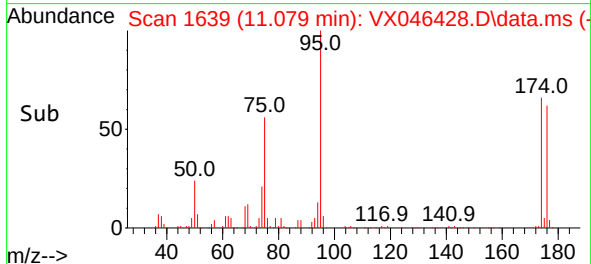
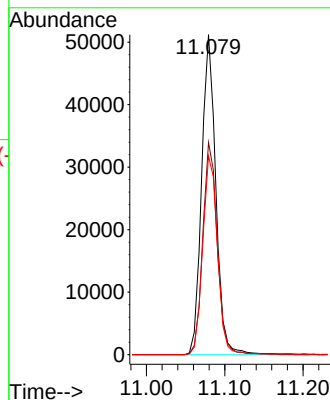
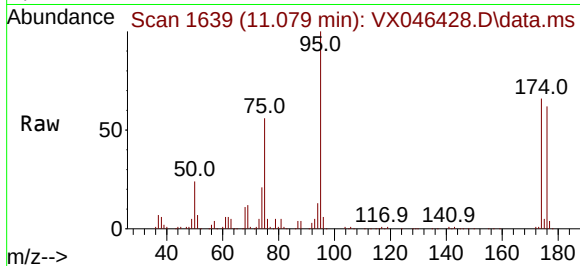




#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

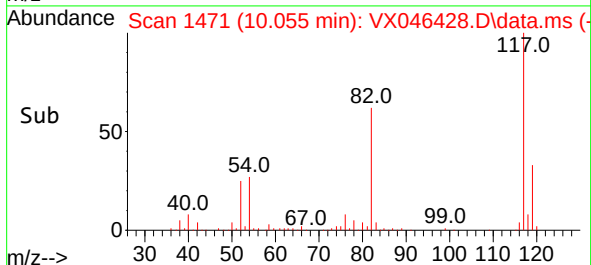
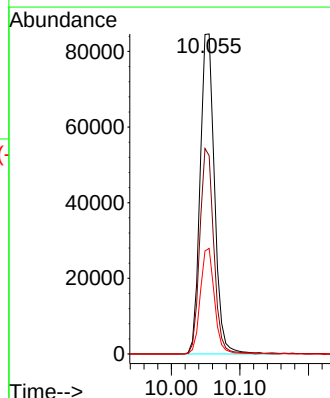
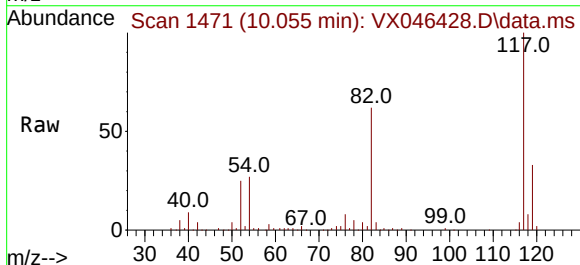
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MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

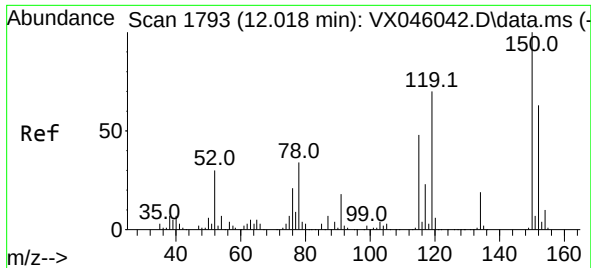
Tgt Ion: 95 Resp: 64365
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

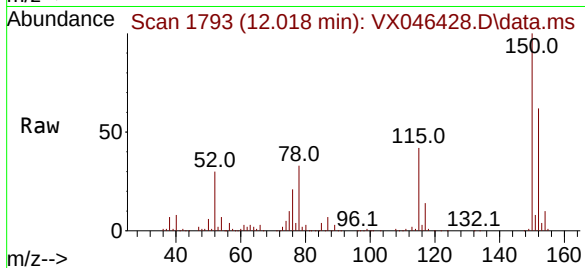
Tgt Ion: 117 Resp: 123950
Ion Ratio Lower Upper
117 100
82 62.0 50.6 76.0
119 33.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046428.D
 Acq: 30 May 2025 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602



Tgt Ion:152 Resp: 52218
 Ion Ratio Lower Upper
 152 100
 115 67.3 46.9 140.7
 150 160.0 0.0 351.0

