

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072425\
 Data File : VX047116.D
 Acq On : 24 Jul 2025 13:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 25 01:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

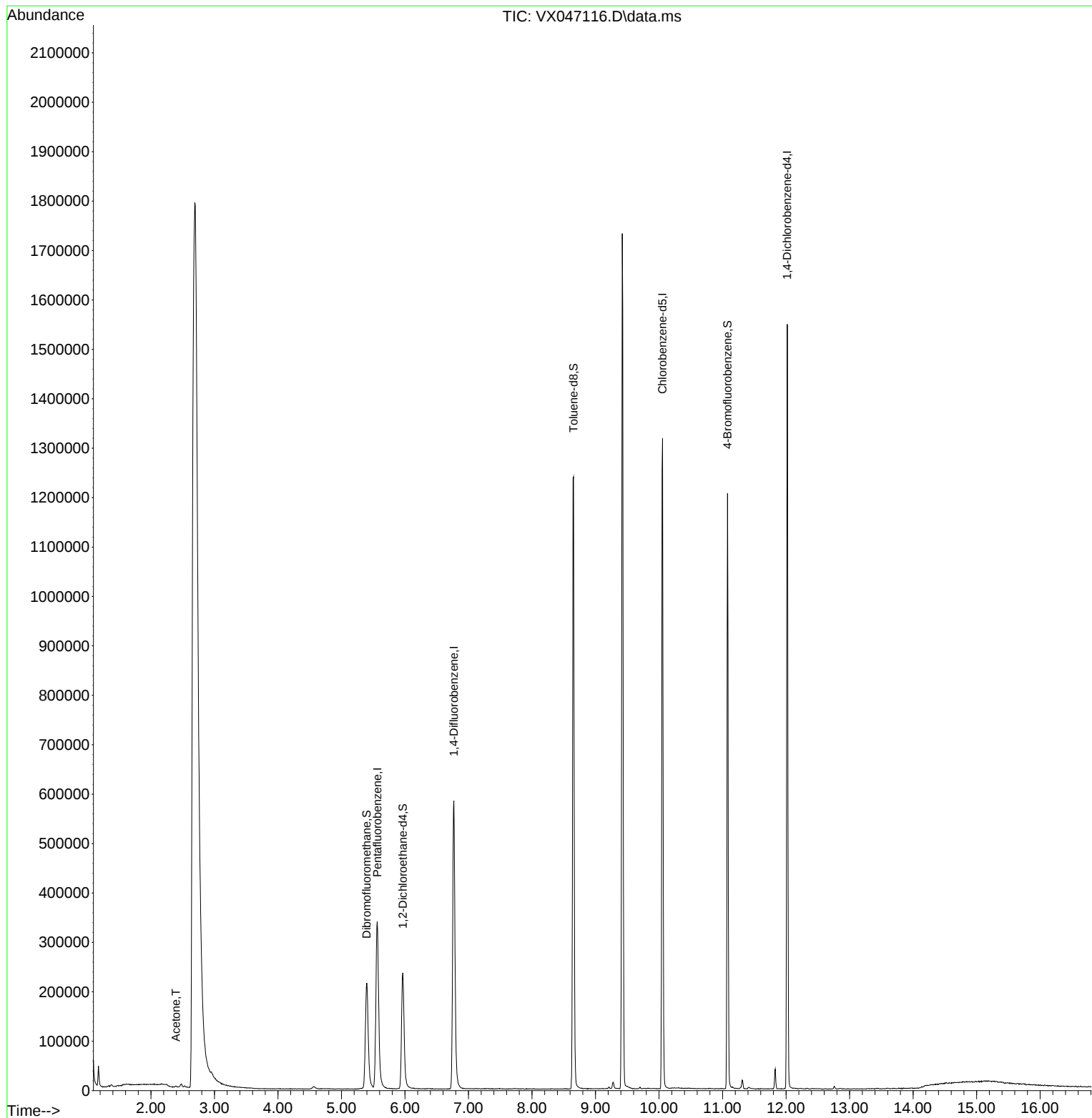
Internal Standards						
1) Pentafluorobenzene	5.562	168	335221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	619538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	593461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	297258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	253457	60.697	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 121.400%#		
35) Dibromofluoromethane	5.397	113	204650	53.500	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.000%		
50) Toluene-d8	8.653	98	769418	62.110	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 124.220%#		
62) 4-Bromofluorobenzene	11.079	95	317448	59.464	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 118.920%		
Target Compounds						
16) Acetone	2.392	43	3305	1.976	ug/l	Qvalue 95

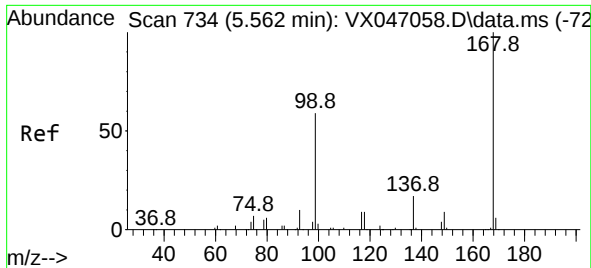
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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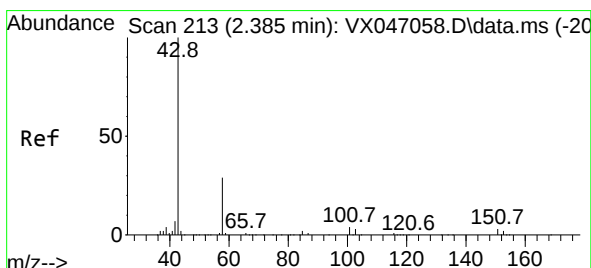
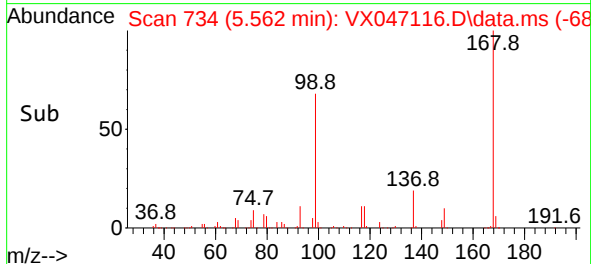
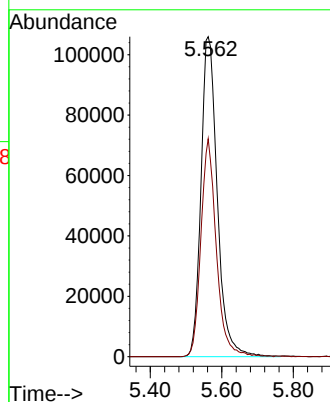
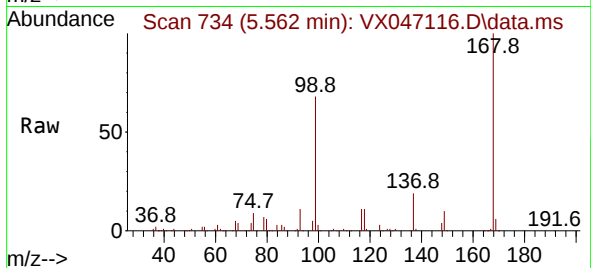




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047116.D
Acq: 24 Jul 2025 13:47

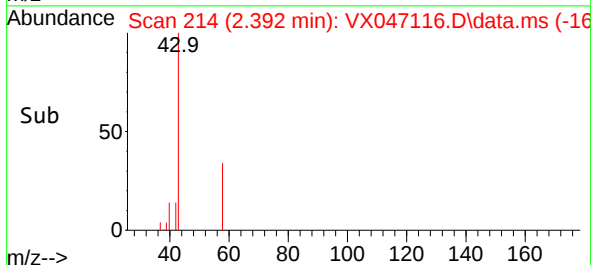
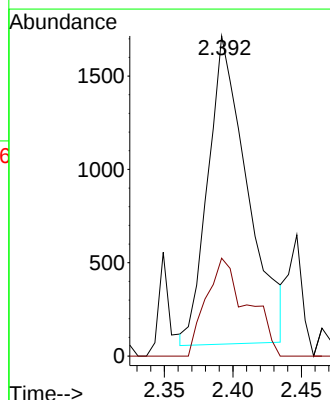
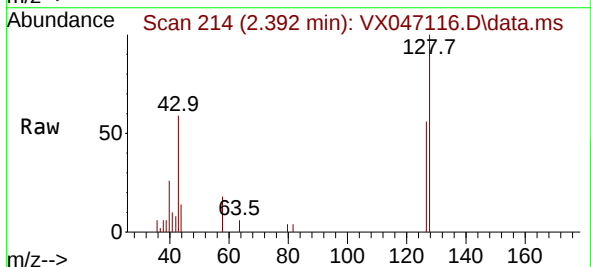
Instrument :
MSVOA_X
ClientSampleId :
IBLK

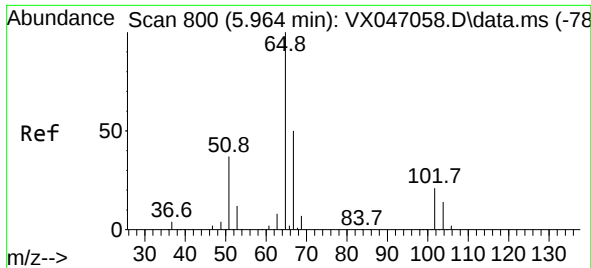
Tgt Ion:168 Resp: 335221
Ion Ratio Lower Upper
168 100
99 68.1 48.0 72.0



#16
Acetone
Concen: 1.976 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047116.D
Acq: 24 Jul 2025 13:47

Tgt Ion: 43 Resp: 3305
Ion Ratio Lower Upper
43 100
58 32.8 24.0 36.0

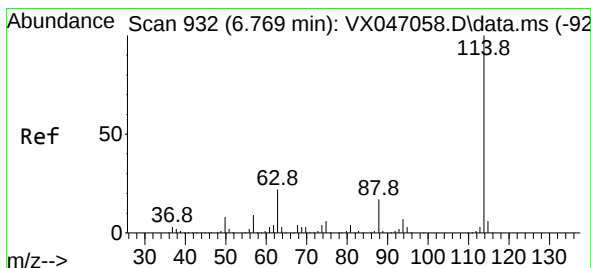
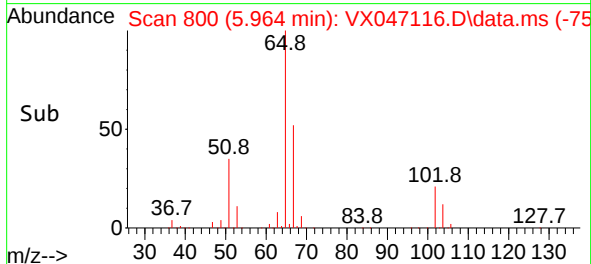
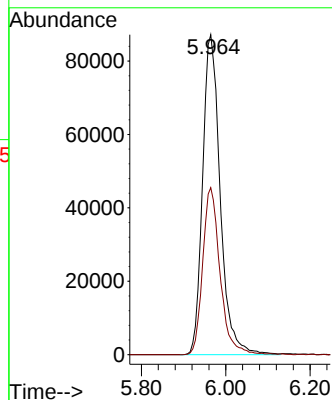
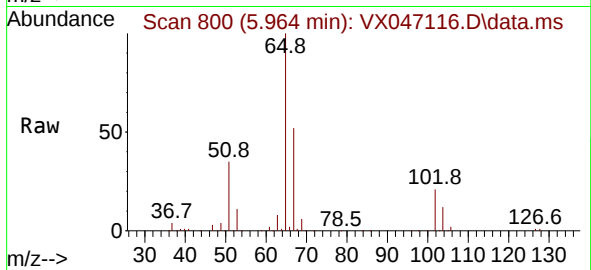




#33
 1,2-Dichloroethane-d4
 Concen: 60.697 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047116.D
 Acq: 24 Jul 2025 13:47

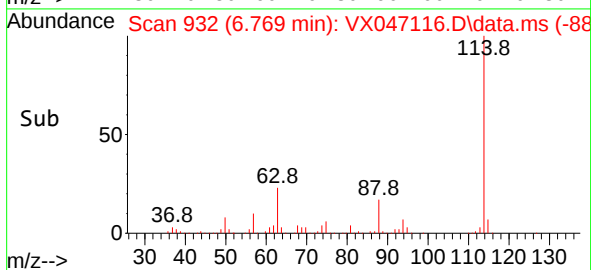
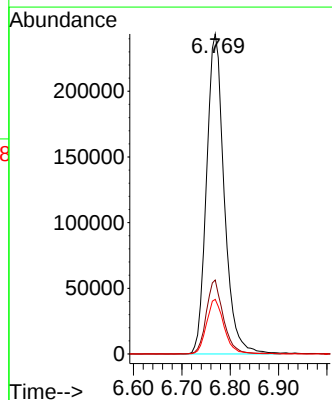
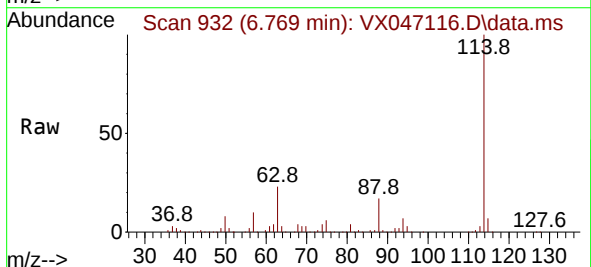
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

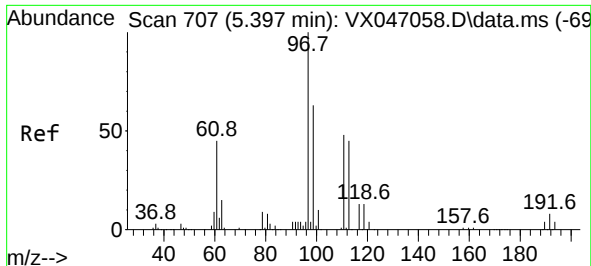
Tgt Ion: 65 Resp: 253457
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047116.D
 Acq: 24 Jul 2025 13:47

Tgt Ion: 114 Resp: 619538
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.2
 88 17.1 0.0 33.8

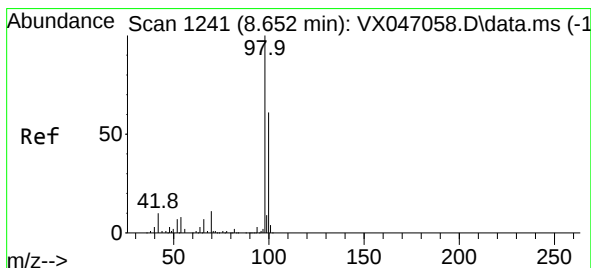
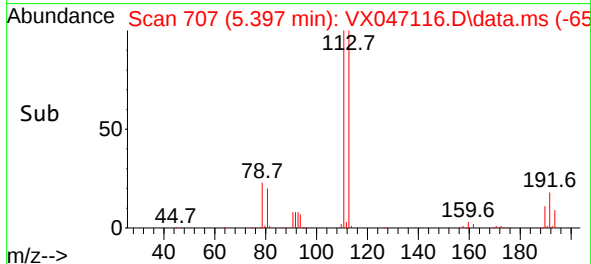
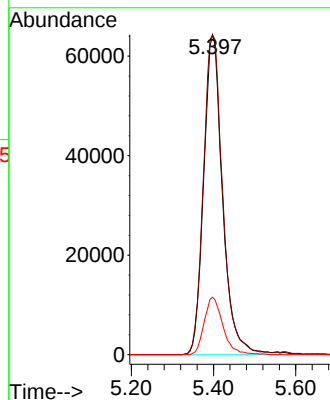
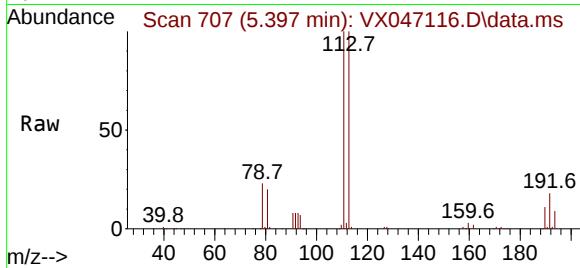




#35
Dibromofluoromethane
Concen: 53.500 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047116.D
Acq: 24 Jul 2025 13:47

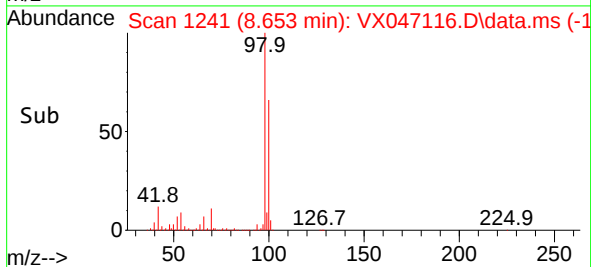
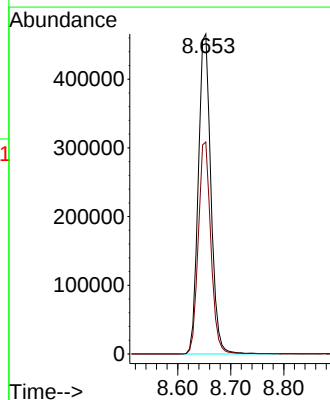
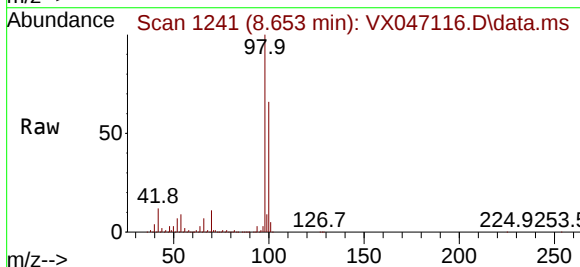
Instrument :
MSVOA_X
ClientSampleId :
IBLK

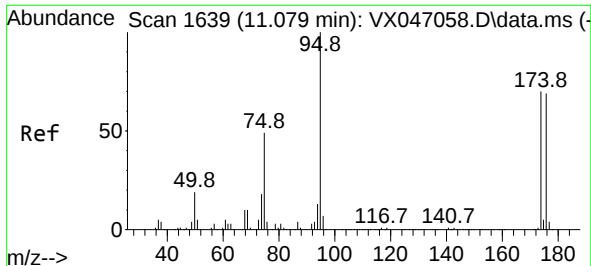
Tgt Ion:113 Resp: 204650
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.9 14.9 22.3



#50
Toluene-d8
Concen: 62.110 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047116.D
Acq: 24 Jul 2025 13:47

Tgt Ion: 98 Resp: 769418
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 59.464 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047116.D

Acq: 24 Jul 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

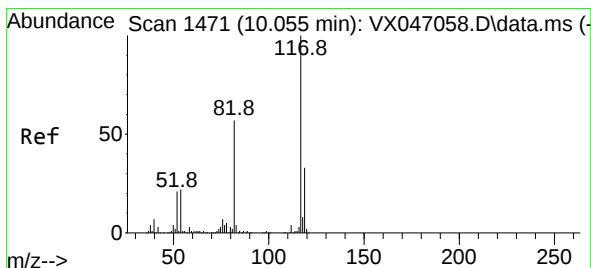
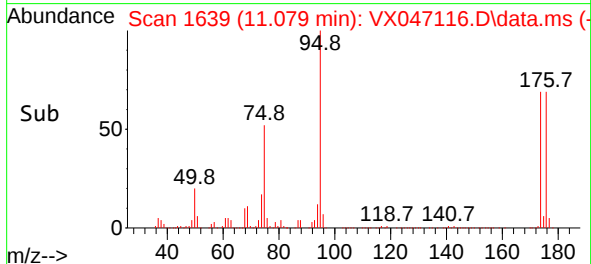
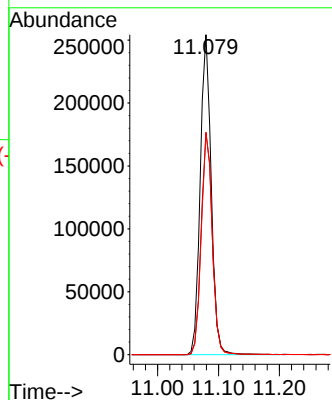
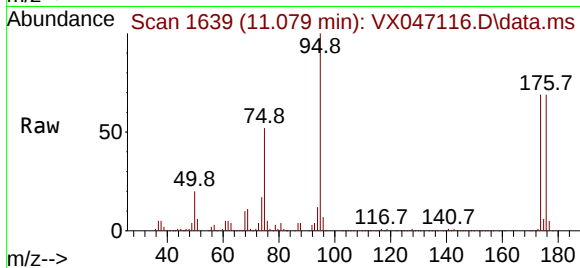
Tgt Ion: 95 Resp: 317448

Ion Ratio Lower Upper

95 100

174 71.1 0.0 144.6

176 69.5 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047116.D

Acq: 24 Jul 2025 13:47

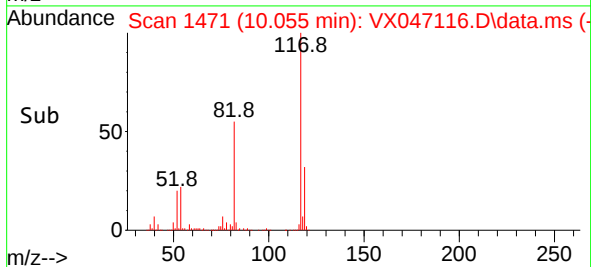
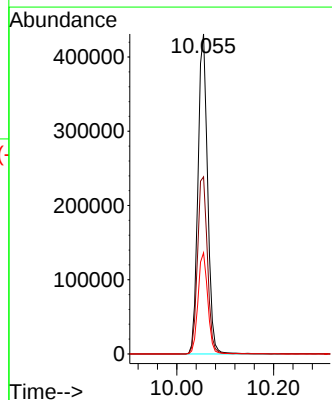
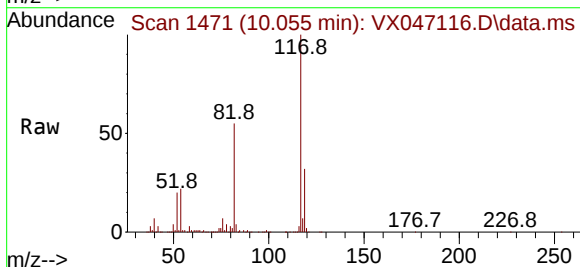
Tgt Ion: 117 Resp: 593461

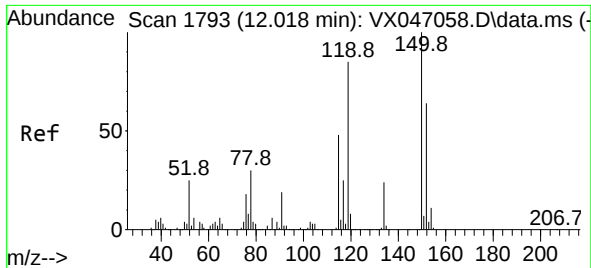
Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

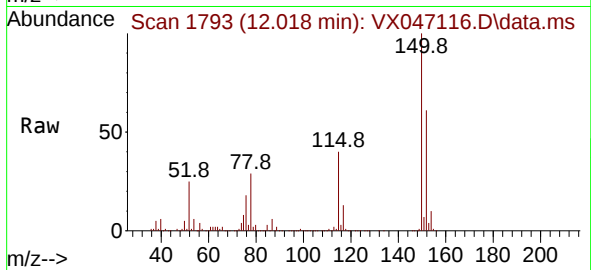
119 31.6 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047116.D
 Acq: 24 Jul 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 297258
 Ion Ratio Lower Upper
 152 100
 115 63.9 45.6 136.7
 150 158.2 0.0 354.6

