

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046418.D
 Acq On : 30 May 2025 13:52
 Operator : JC/MD
 Sample : Q2149-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FILTER-CAKE

Quant Time: May 30 23:27:53 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)

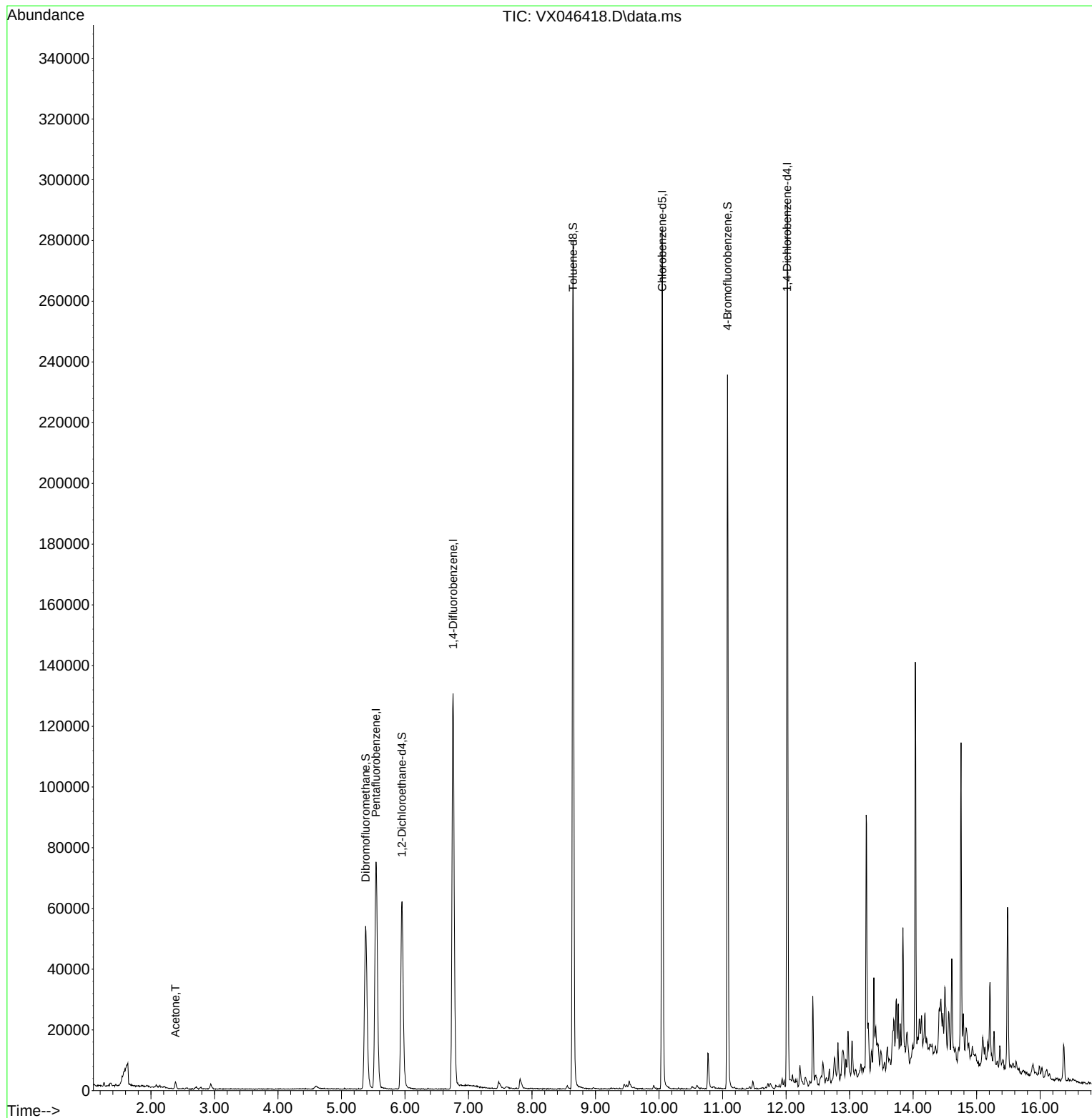
Internal Standards						
1) Pentafluorobenzene	5.544	168	62556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64010	54.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.780%	
35) Dibromofluoromethane	5.379	113	46528	51.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	8.647	98	158494	51.094	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	11.079	95	61081	51.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.660%	
Target Compounds						
16) Acetone	2.386	43	2562	5.479	ug/l	Qvalue # 85

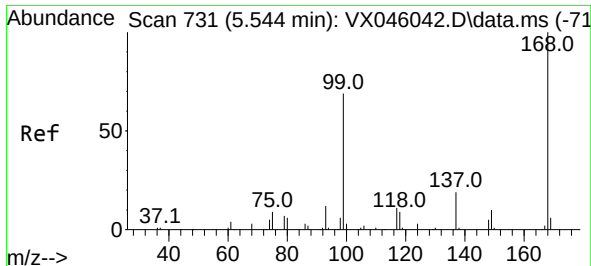
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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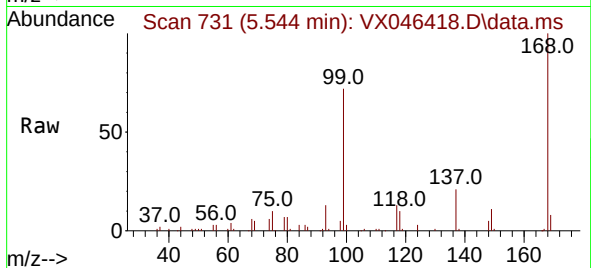
Quant Time: May 30 23:27:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



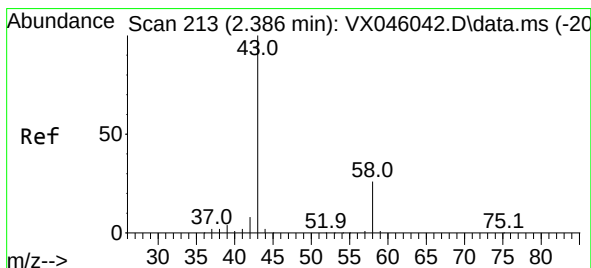
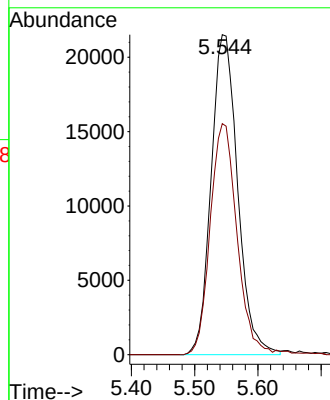
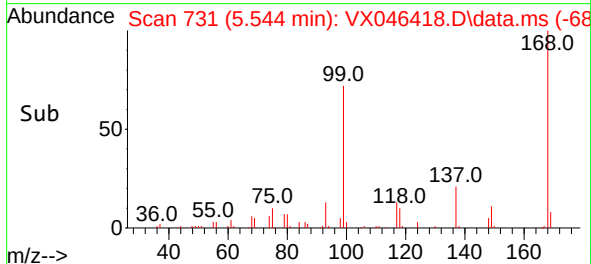


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

Instrument :
MSVOA_X
ClientSampleId :
FILTER-CAKE

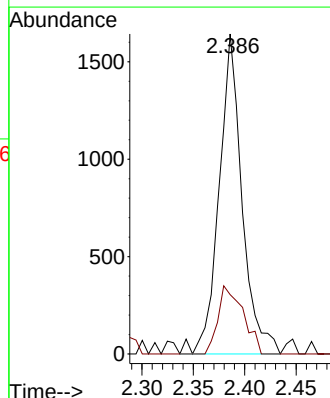
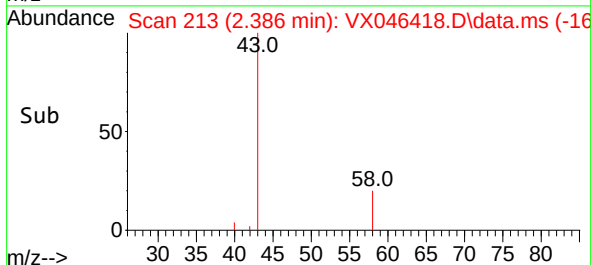
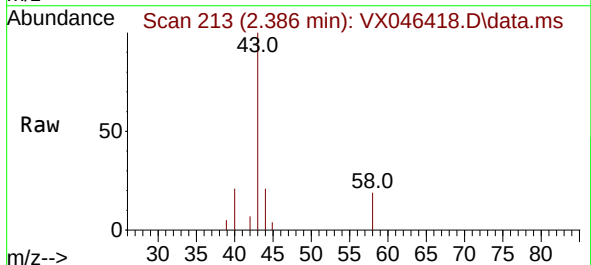


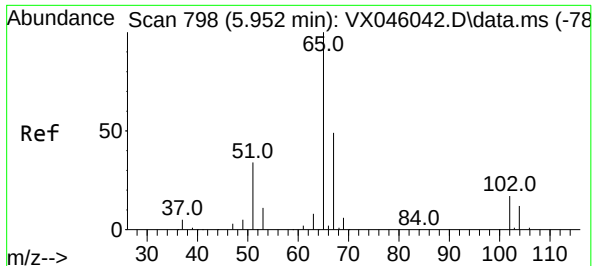
Tgt Ion:168 Resp: 62556
Ion Ratio Lower Upper
168 100
99 72.2 54.9 82.3



#16
Acetone
Concen: 5.479 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

Tgt Ion: 43 Resp: 2562
Ion Ratio Lower Upper
43 100
58 18.6 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 54.886 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046418.D

Acq: 30 May 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

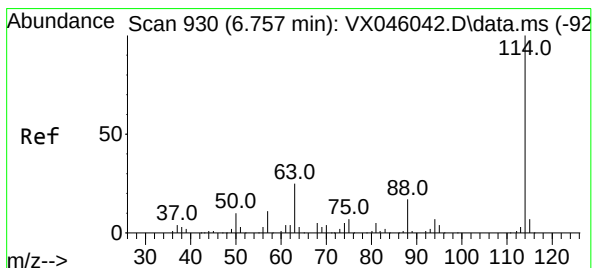
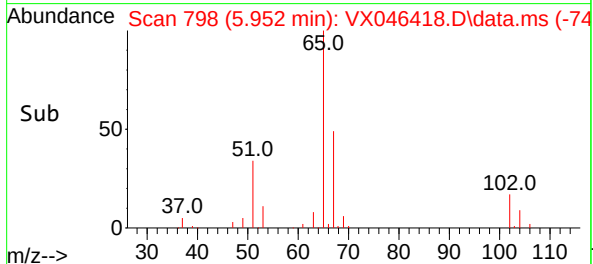
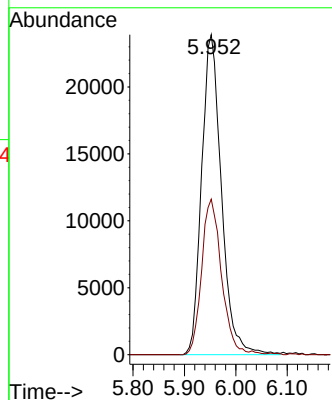
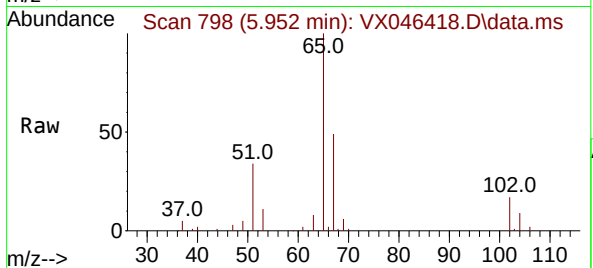
FILTER-CAKE

Tgt Ion: 65 Resp: 64010

Ion Ratio Lower Upper

65 100

67 48.5 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: VX046418.D

Acq: 30 May 2025 13:52

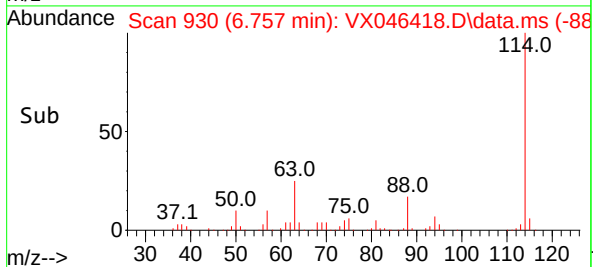
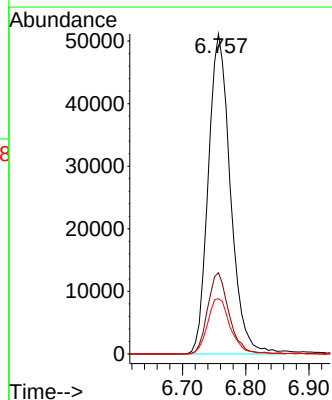
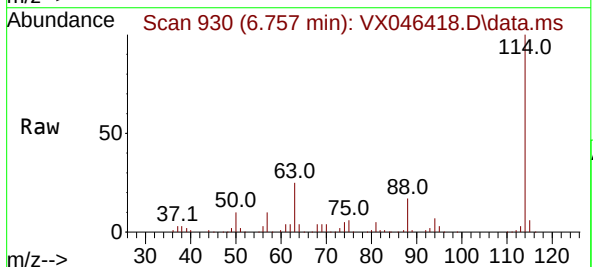
Tgt Ion: 114 Resp: 124459

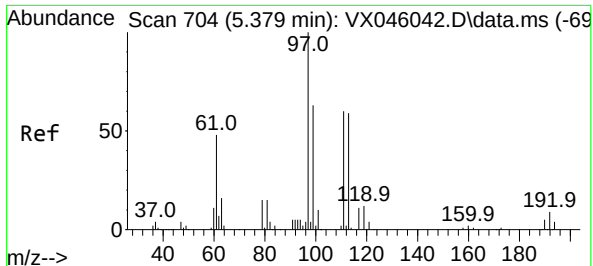
Ion Ratio Lower Upper

114 100

63 25.4 0.0 49.2

88 17.2 0.0 33.6

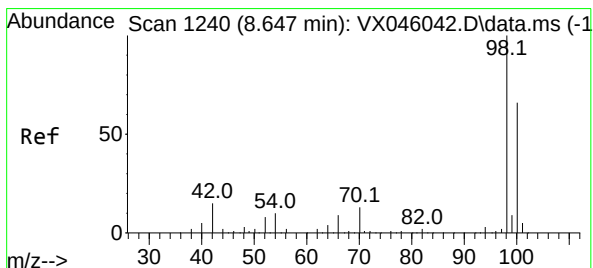
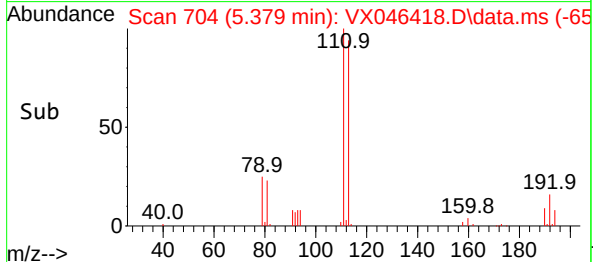
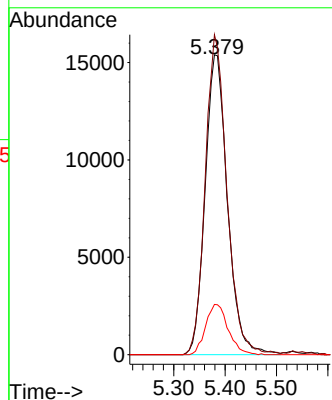
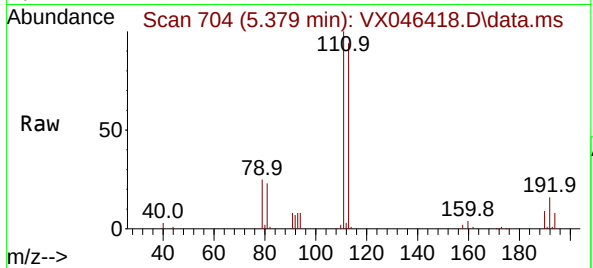




#35
Dibromofluoromethane
Concen: 51.915 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

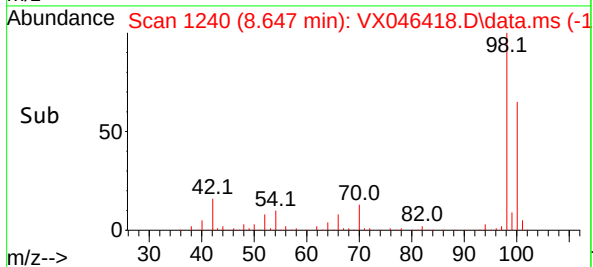
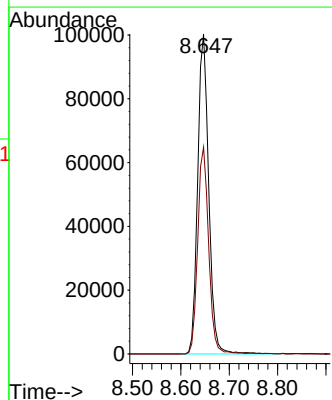
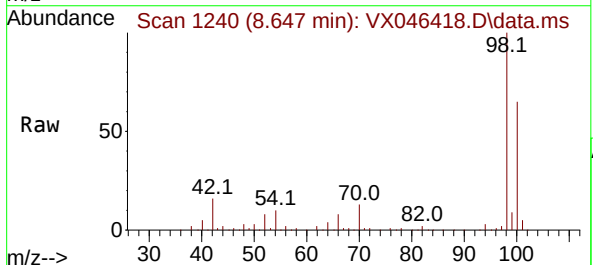
Instrument :
MSVOA_X
ClientSampleId :
FILTER-CAKE

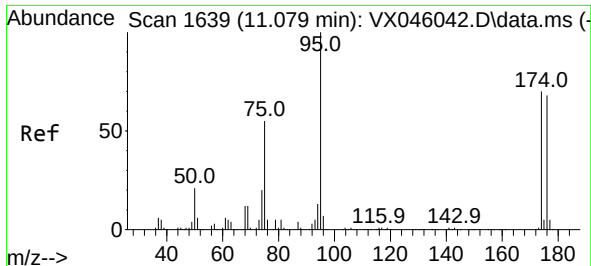
Tgt Ion:113 Resp: 46528
Ion Ratio Lower Upper
113 100
111 103.5 83.1 124.7
192 16.9 13.3 19.9



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

Tgt Ion: 98 Resp: 158494
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3

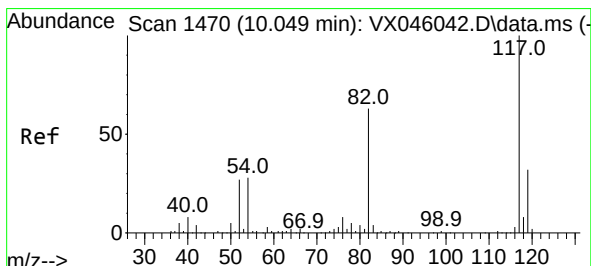
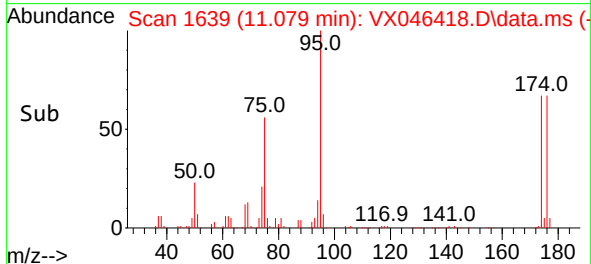
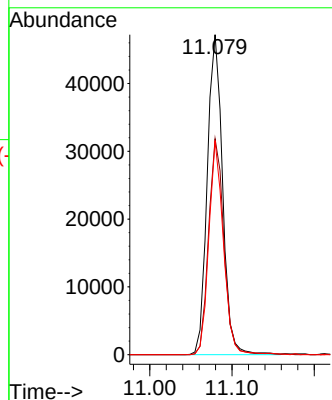
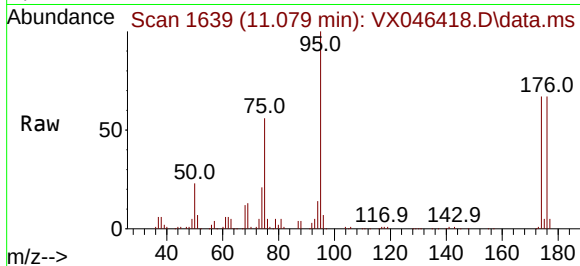




#62
4-Bromofluorobenzene
Concen: 51.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

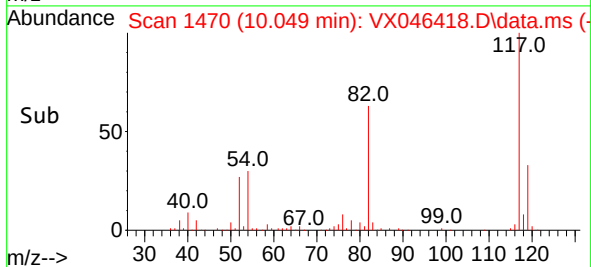
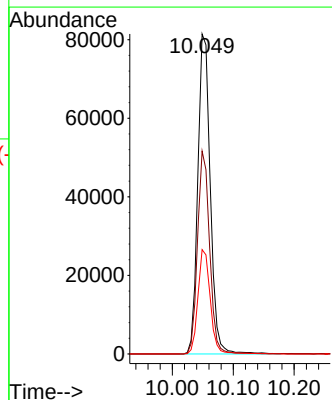
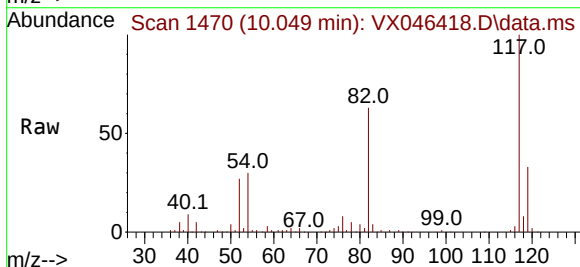
Instrument :
MSVOA_X
ClientSampleId :
FILTER-CAKE

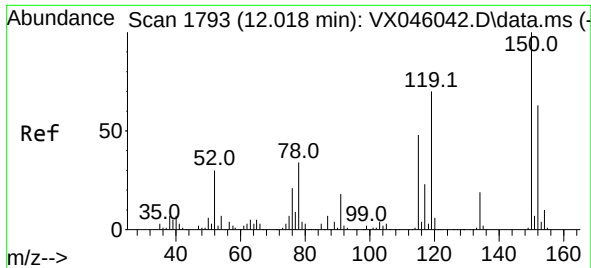
Tgt Ion: 95 Resp: 61081
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 63.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046418.D
Acq: 30 May 2025 13:52

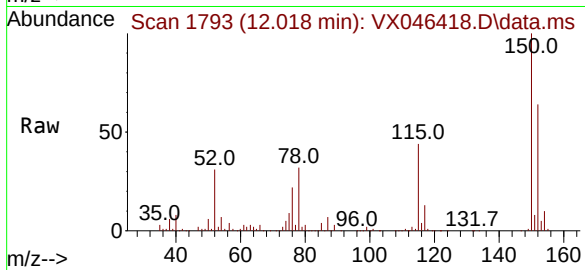
Tgt Ion: 117 Resp: 115572
Ion Ratio Lower Upper
117 100
82 63.4 50.6 76.0
119 32.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046418.D
 Acq: 30 May 2025 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 FILTER-CAKE



Tgt Ion:152 Resp: 52207
 Ion Ratio Lower Upper
 152 100
 115 65.9 46.9 140.7
 150 155.6 0.0 351.0

