

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046122.D
 Acq On : 09 May 2025 17:57
 Operator : JC/MD
 Sample : Q1989-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50225

Quant Time: May 09 23:18:40 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)

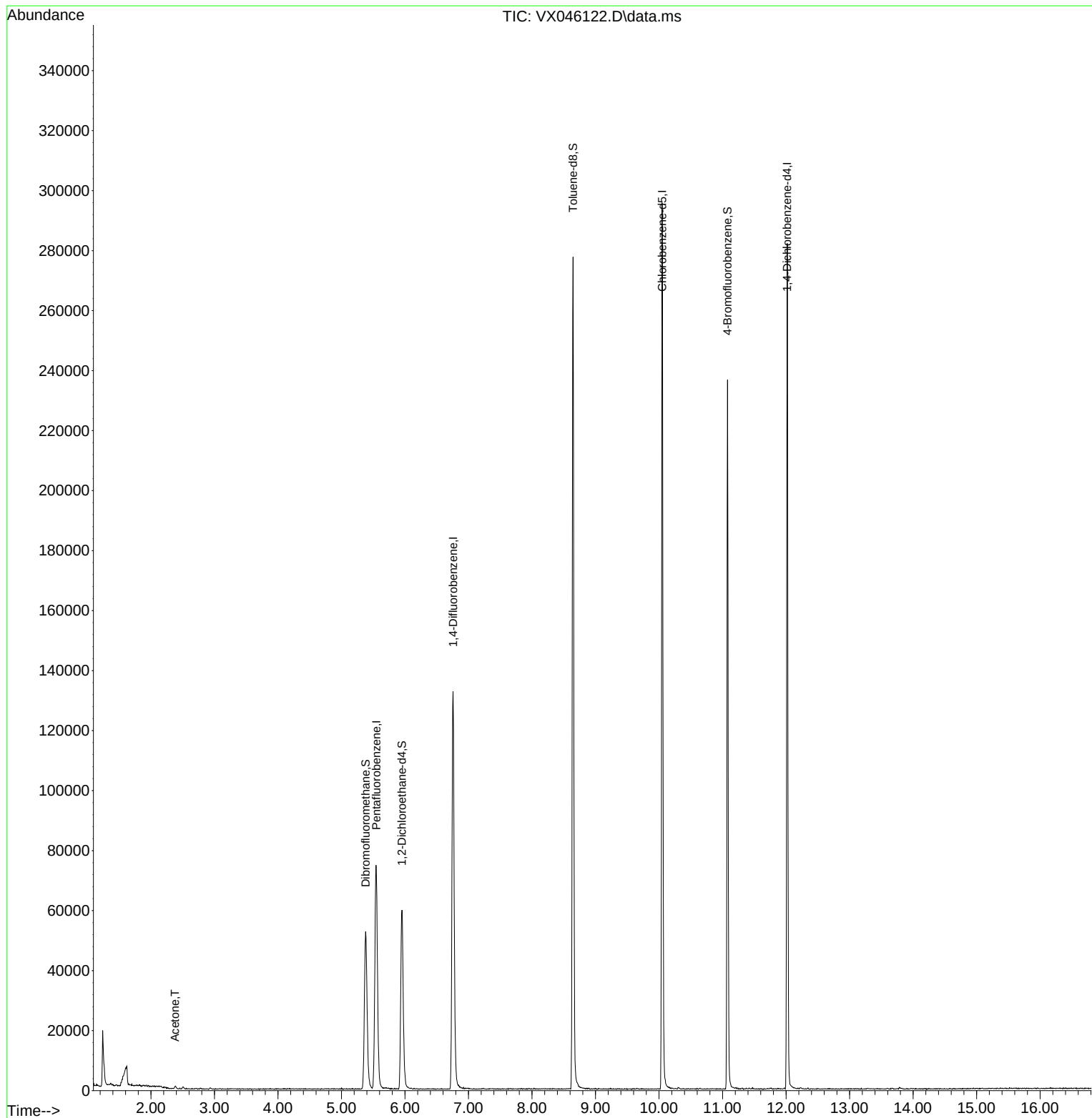
Internal Standards						
1) Pentafluorobenzene	5.550	168	64276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63753	53.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.400%	
35) Dibromofluoromethane	5.379	113	46199	51.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.180%	
50) Toluene-d8	8.647	98	159460	50.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	11.079	95	62288	51.883	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.760%	
Target Compounds						
16) Acetone	2.380	43	1129	2.350	ug/l	Qvalue 97

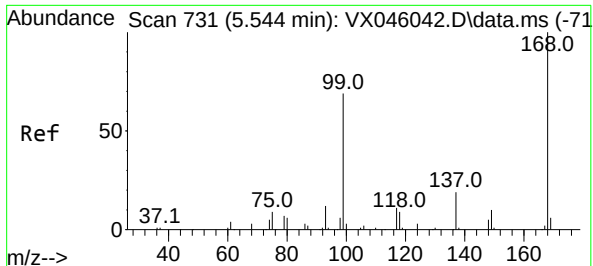
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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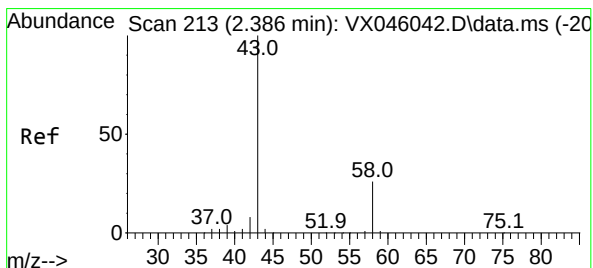
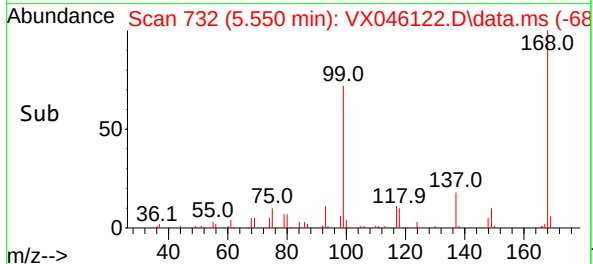
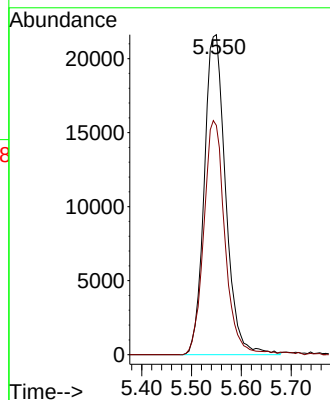
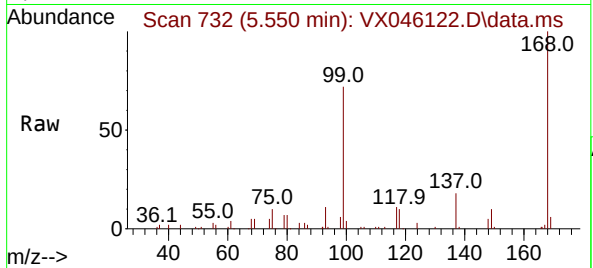




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046122.D
Acq: 09 May 2025 17:57

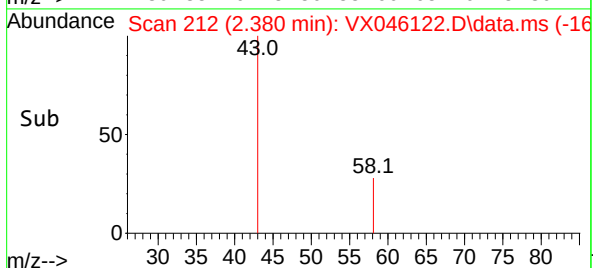
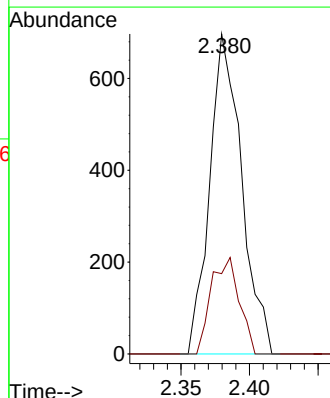
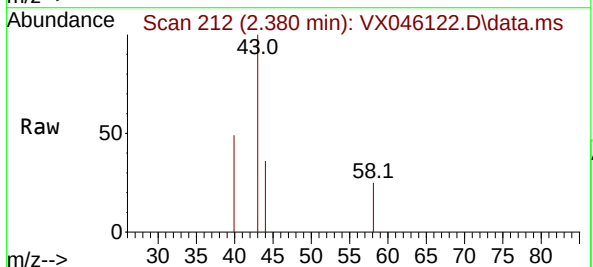
Instrument :
MSVOA_X
ClientSampleId :
50225

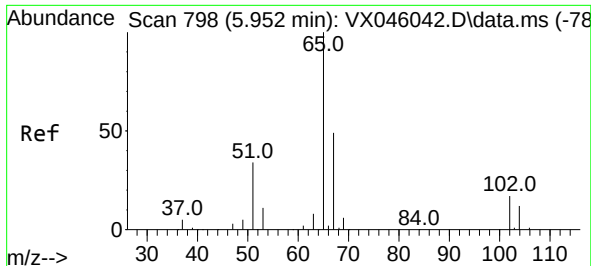
Tgt Ion:168 Resp: 64276
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3



#16
Acetone
Concen: 2.350 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046122.D
Acq: 09 May 2025 17:57

Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 25.1 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.202 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046122.D

Acq: 09 May 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

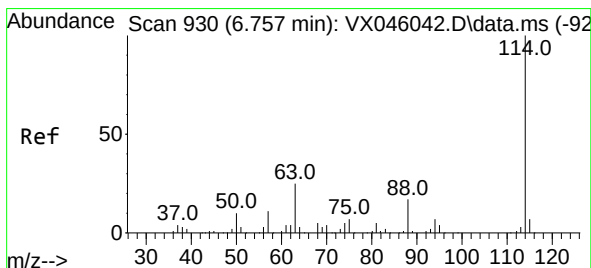
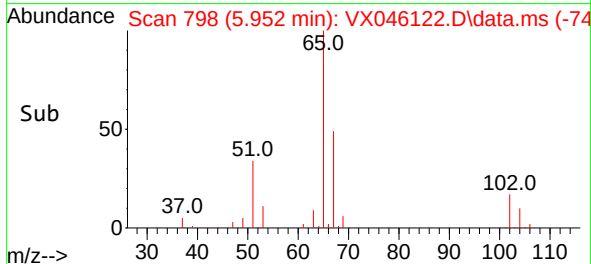
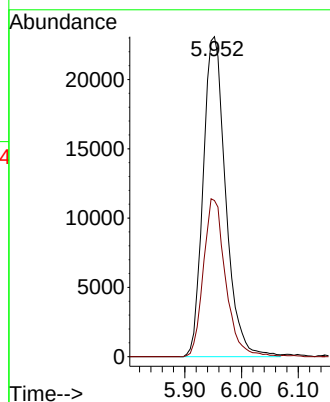
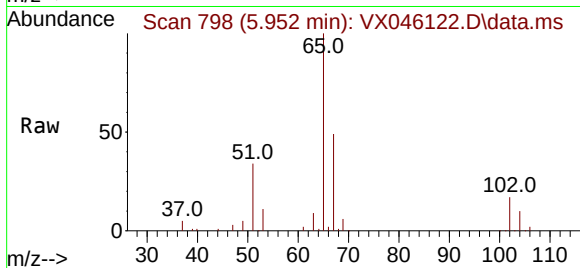
50225

Tgt Ion: 65 Resp: 63753

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: VX046122.D

Acq: 09 May 2025 17:57

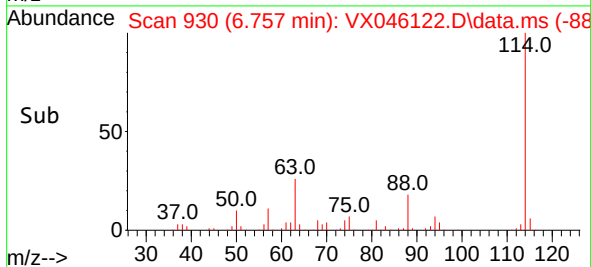
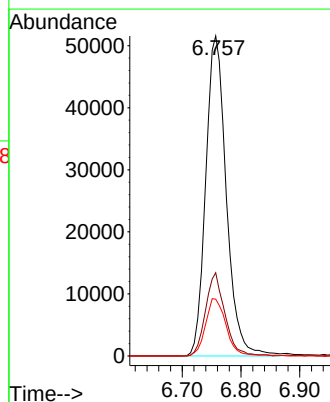
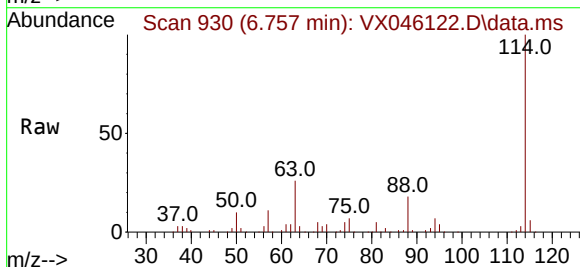
Tgt Ion: 114 Resp: 125574

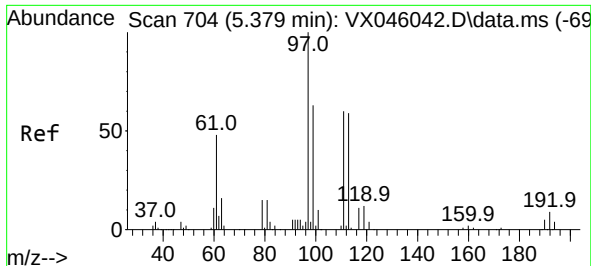
Ion Ratio Lower Upper

114 100

63 26.0 0.0 49.2

88 17.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.090 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046122.D

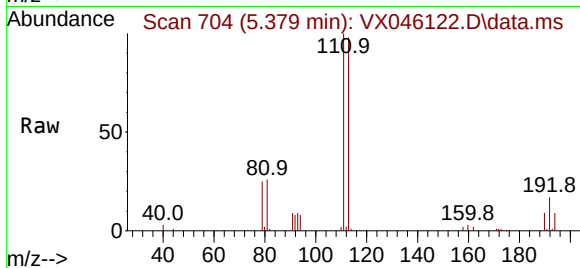
Acq: 09 May 2025 17:57

Instrument :

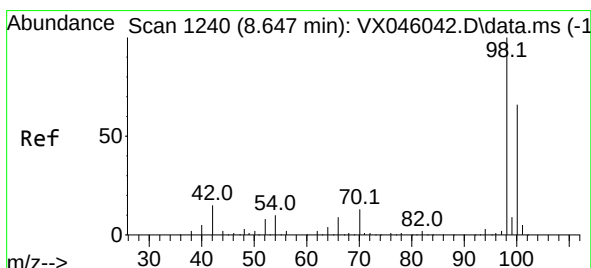
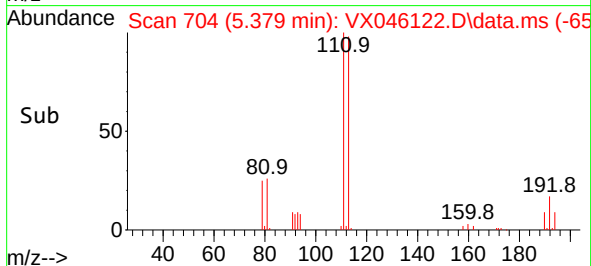
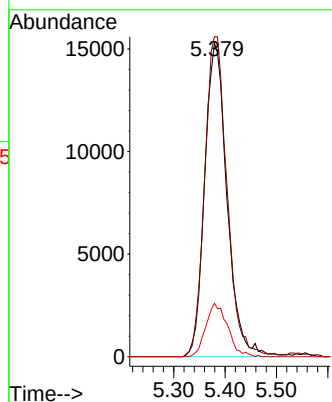
MSVOA_X

ClientSampleId :

50225



Tgt Ion:	113	Resp:	46199
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.1	124.7
192	16.6	13.3	19.9



#50

Toluene-d8

Concen: 50.949 ug/l

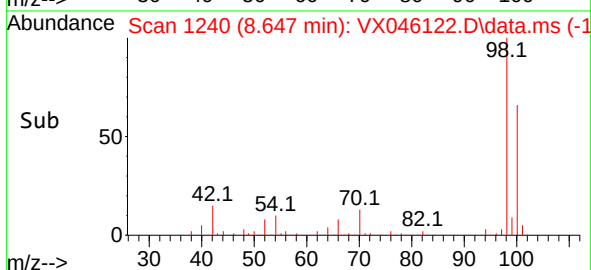
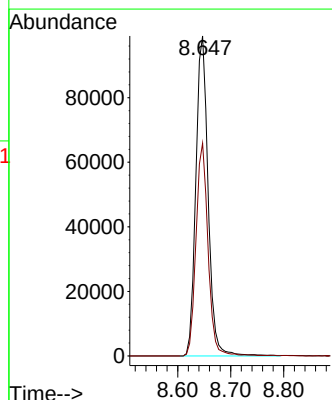
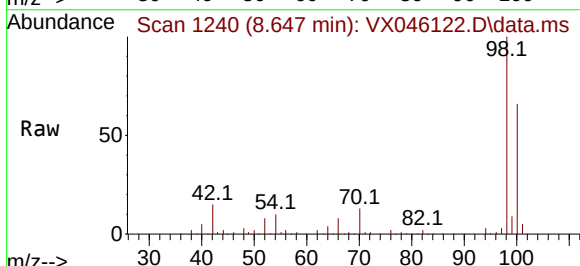
RT: 8.647 min Scan# 1240

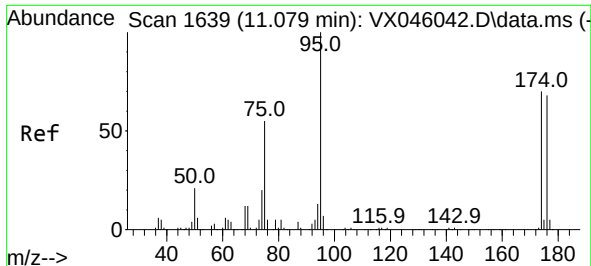
Delta R.T. 0.000 min

Lab File: VX046122.D

Acq: 09 May 2025 17:57

Tgt Ion:	98	Resp:	159460
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3

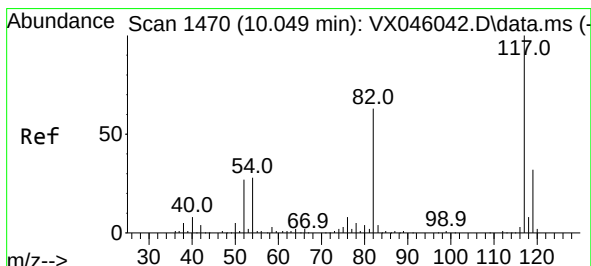
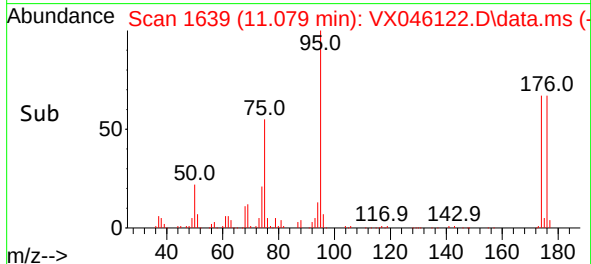
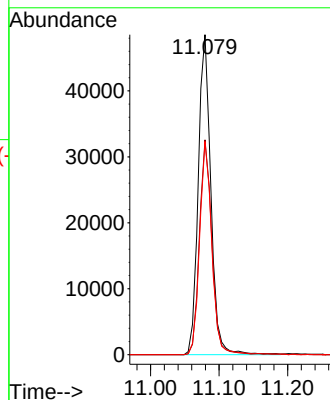
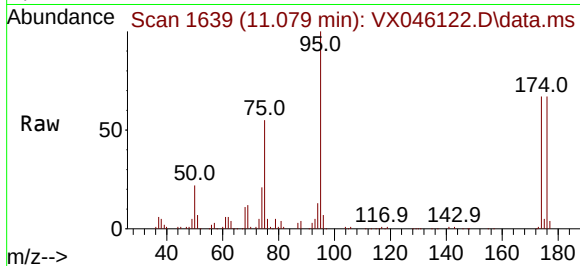




#62
4-Bromofluorobenzene
Concen: 51.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046122.D
Acq: 09 May 2025 17:57

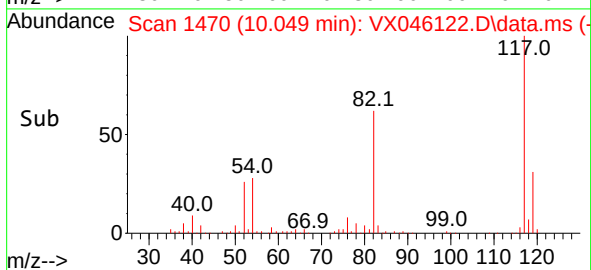
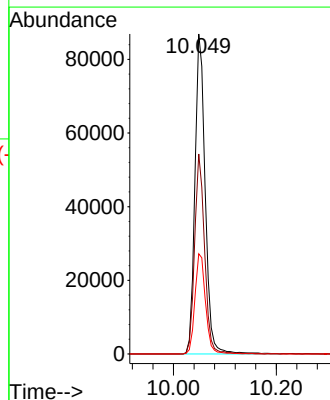
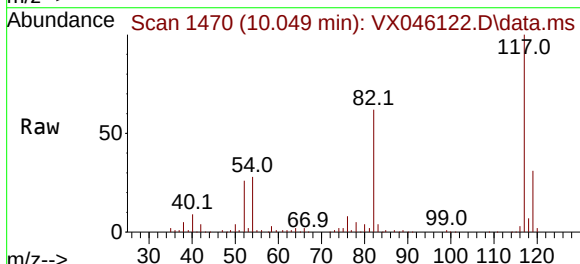
Instrument :
MSVOA_X
ClientSampleId :
50225

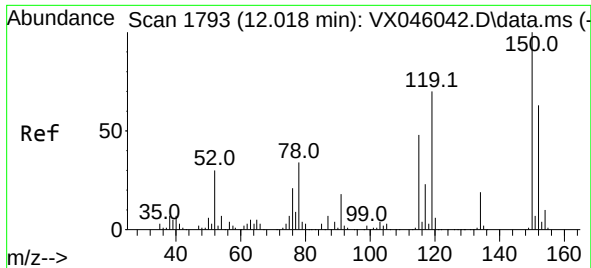
Tgt Ion: 95 Resp: 62288
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 64.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046122.D
Acq: 09 May 2025 17:57

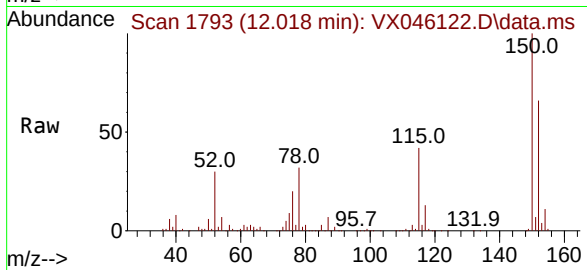
Tgt Ion: 117 Resp: 120669
Ion Ratio Lower Upper
117 100
82 62.5 50.6 76.0
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046122.D
 Acq: 09 May 2025 17:57

Instrument :
 MSVOA_X
 ClientSampleId :
 50225



Tgt Ion:152 Resp: 51991
 Ion Ratio Lower Upper
 152 100
 115 66.1 46.9 140.7
 150 154.6 0.0 351.0

