

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046302.D
 Acq On : 21 May 2025 17:02
 Operator : JC/MD
 Sample : Q2088-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 252820

Quant Time: May 22 01:52:18 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)

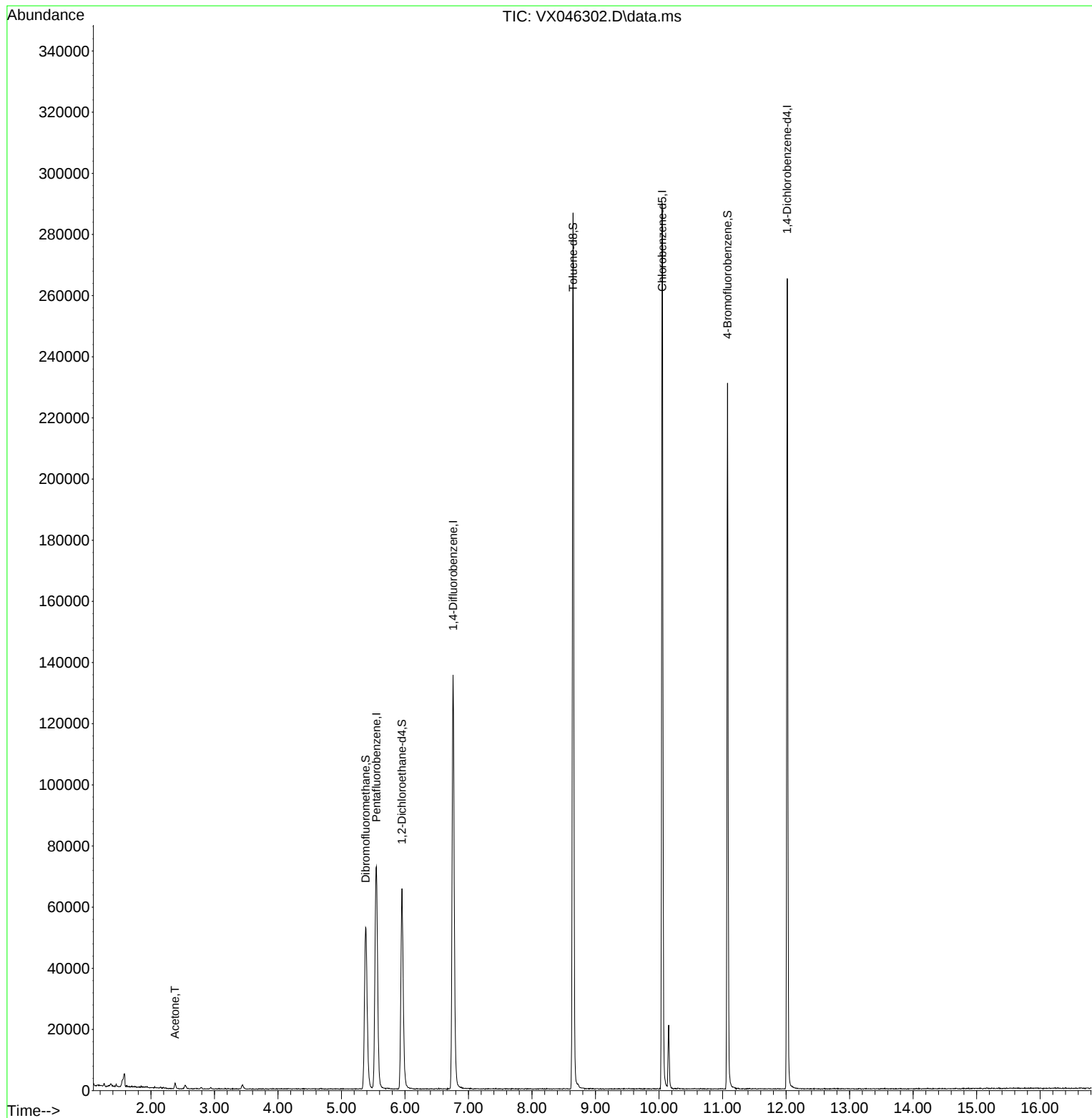
Internal Standards						
1) Pentafluorobenzene	5.550	168	63169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126528	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63936	54.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	5.379	113	46078	50.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.647	98	162297	51.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	11.079	95	60553	50.058	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.120%	
Target Compounds						
16) Acetone	2.380	43	1846	3.909	ug/l	Qvalue # 78

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

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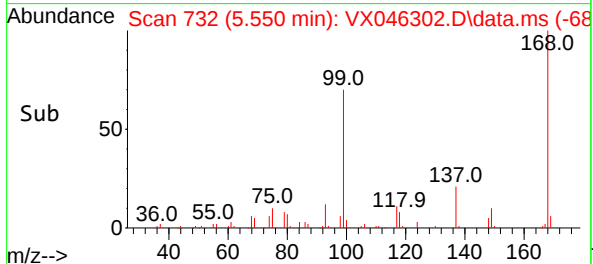
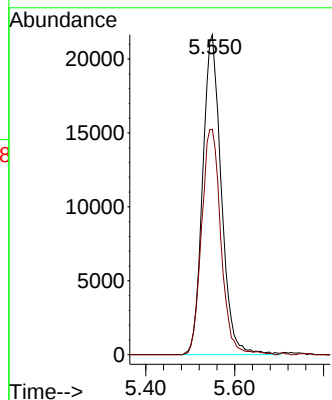
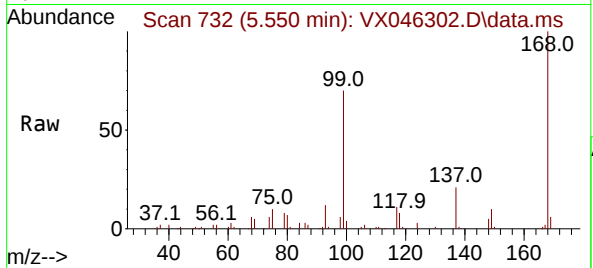




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

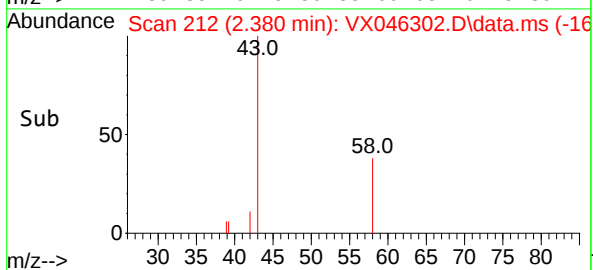
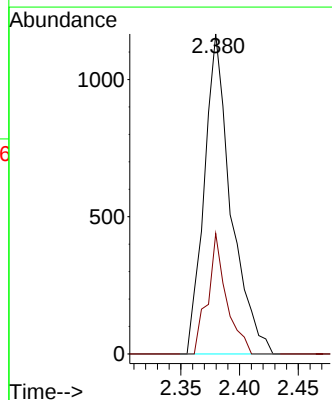
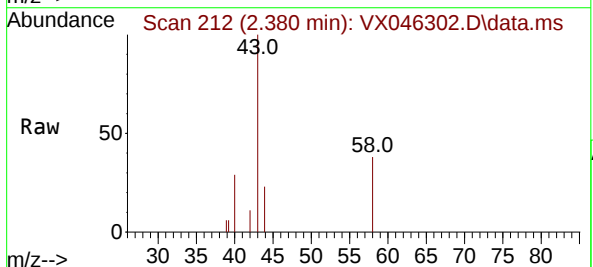
Instrument :
MSVOA_X
ClientSampleId :
252820

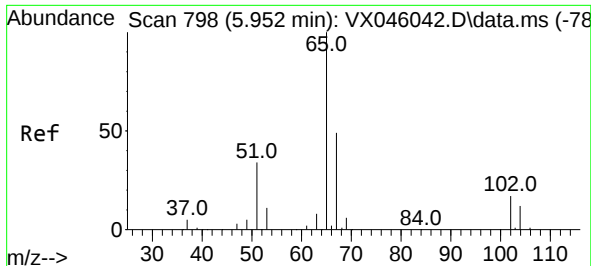
Tgt Ion:168 Resp: 63169
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#16
Acetone
Concen: 3.909 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 37.7 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 54.290 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046302.D

Acq: 21 May 2025 17:02

Instrument :

MSVOA_X

ClientSampleId :

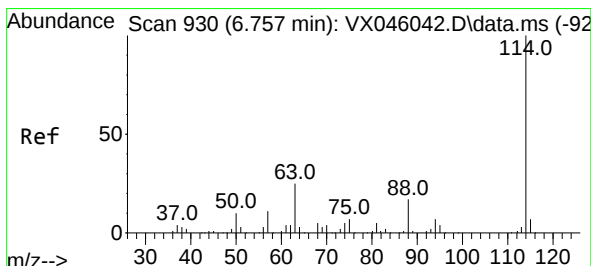
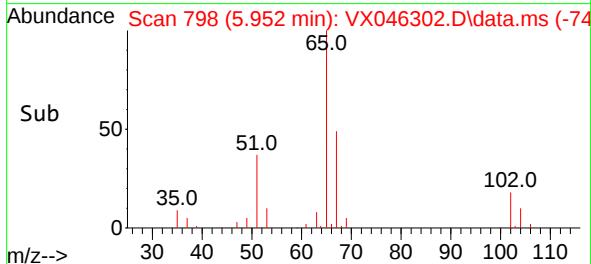
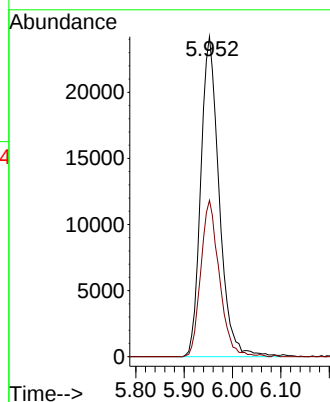
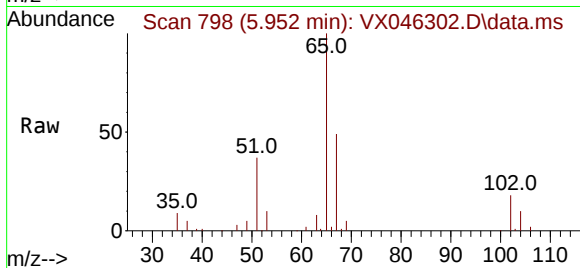
252820

Tgt Ion: 65 Resp: 63936

Ion Ratio Lower Upper

65 100

67 49.1 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: VX046302.D

Acq: 21 May 2025 17:02

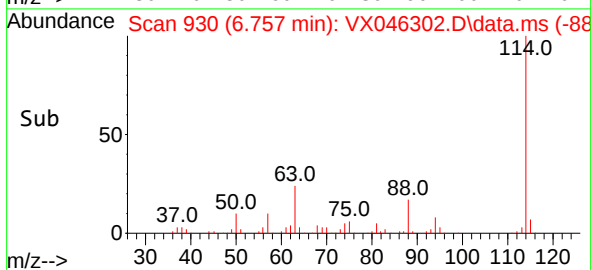
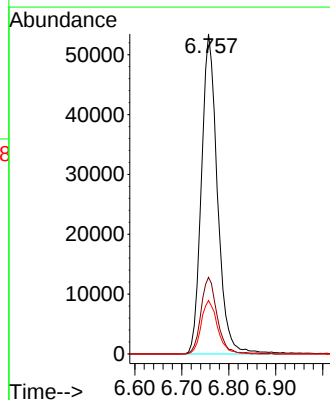
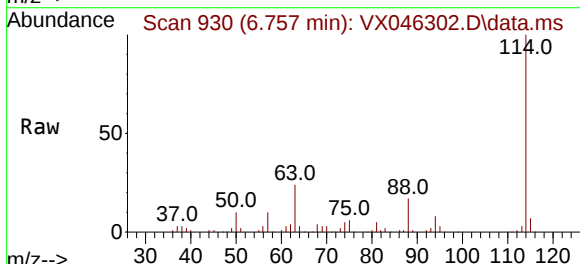
Tgt Ion: 114 Resp: 126528

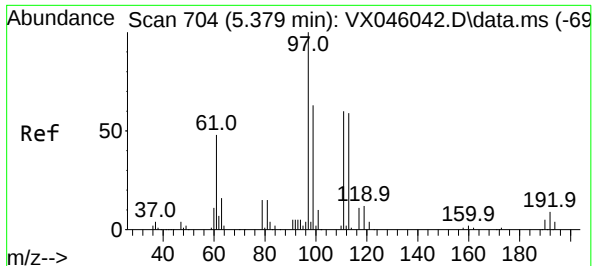
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.572 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046302.D

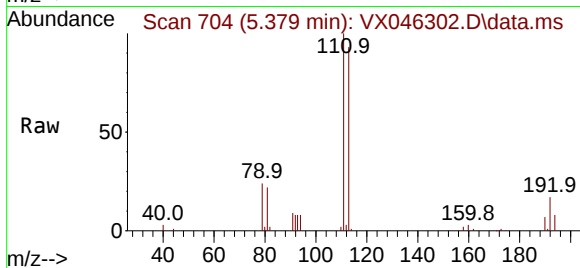
Acq: 21 May 2025 17:02

Instrument :

MSVOA_X

ClientSampleId :

252820



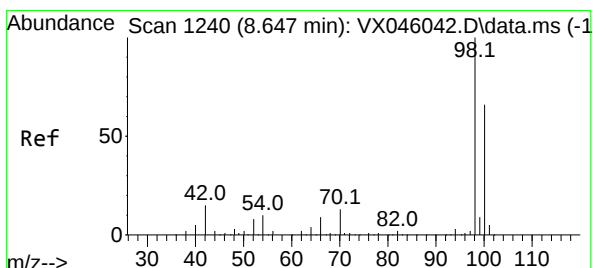
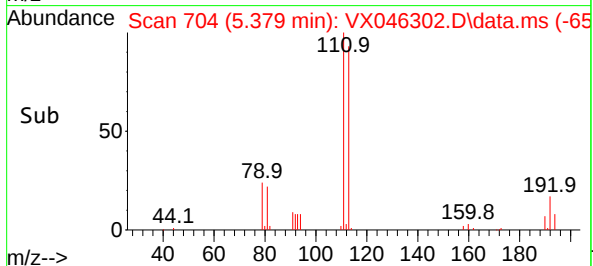
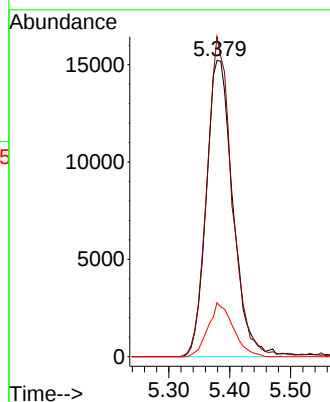
Tgt Ion:113 Resp: 46078

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

192 17.2 13.3 19.9



#50

Toluene-d8

Concen: 51.465 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046302.D

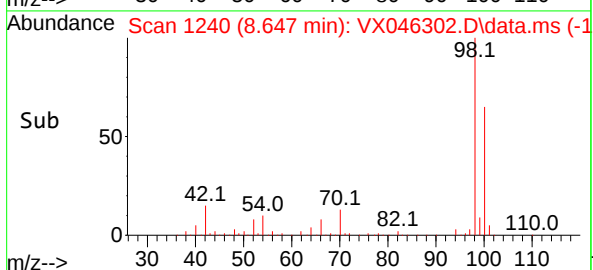
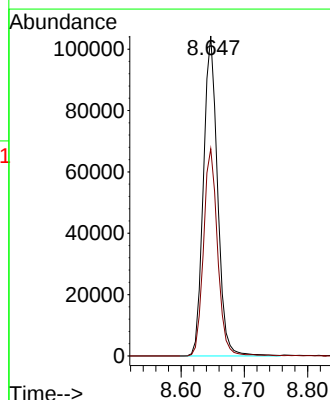
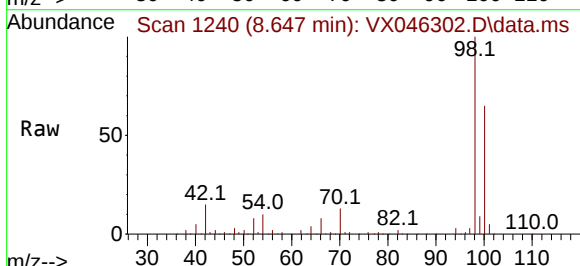
Acq: 21 May 2025 17:02

Tgt Ion: 98 Resp: 162297

Ion Ratio Lower Upper

98 100

100 64.3 53.5 80.3

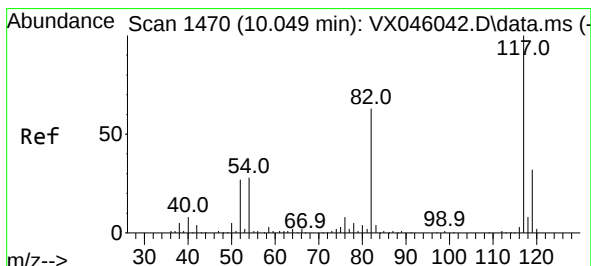
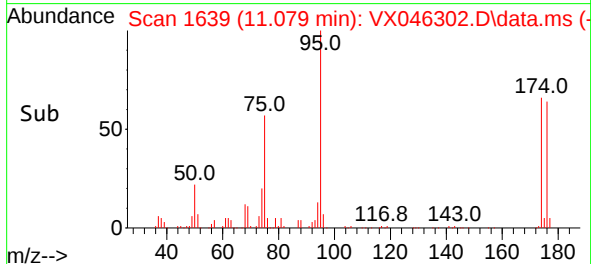
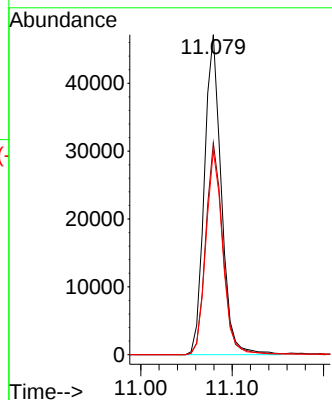
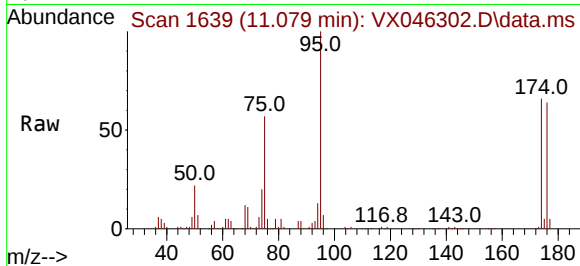




#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

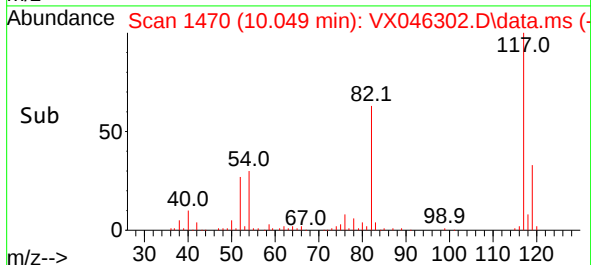
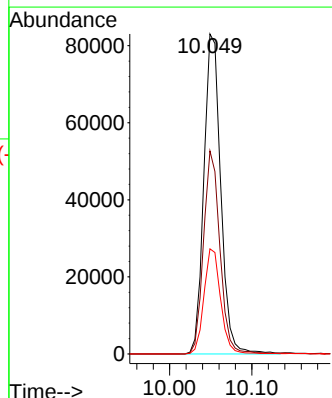
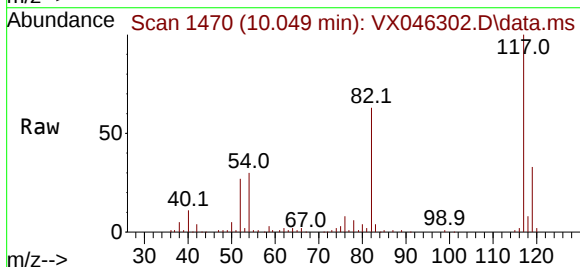
Instrument :
MSVOA_X
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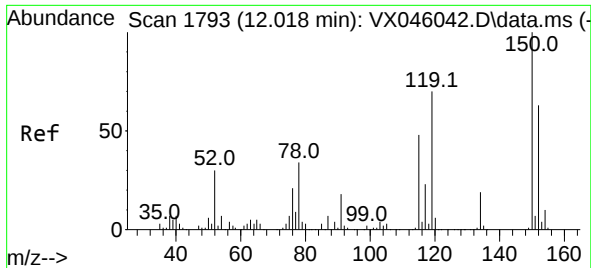
Tgt Ion: 95 Resp: 60553
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046302.D
Acq: 21 May 2025 17:02

Tgt Ion: 117 Resp: 118818
Ion Ratio Lower Upper
117 100
82 63.4 50.6 76.0
119 32.8 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: VX046302.D

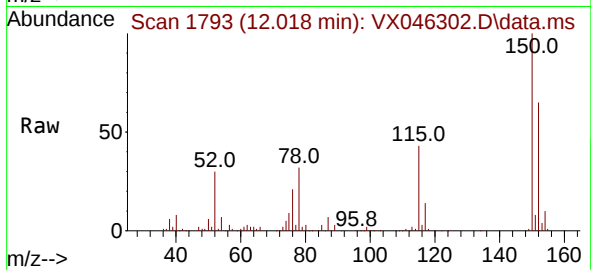
Acq: 21 May 2025 17:02

Instrument :

MSVOA_X

ClientSampleId :

252820



Tgt Ion:152 Resp: 49215

Ion Ratio Lower Upper

152 100

115 65.9 46.9 140.7

150 155.8 0.0 351.0

