

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045752.D
 Acq On : 11 Apr 2025 19:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 11 23:07:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	61175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62954	56.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.540%
35) Dibromofluoromethane	5.385	113	44460	51.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	8.647	98	152533	50.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.079	95	56328	51.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.980%

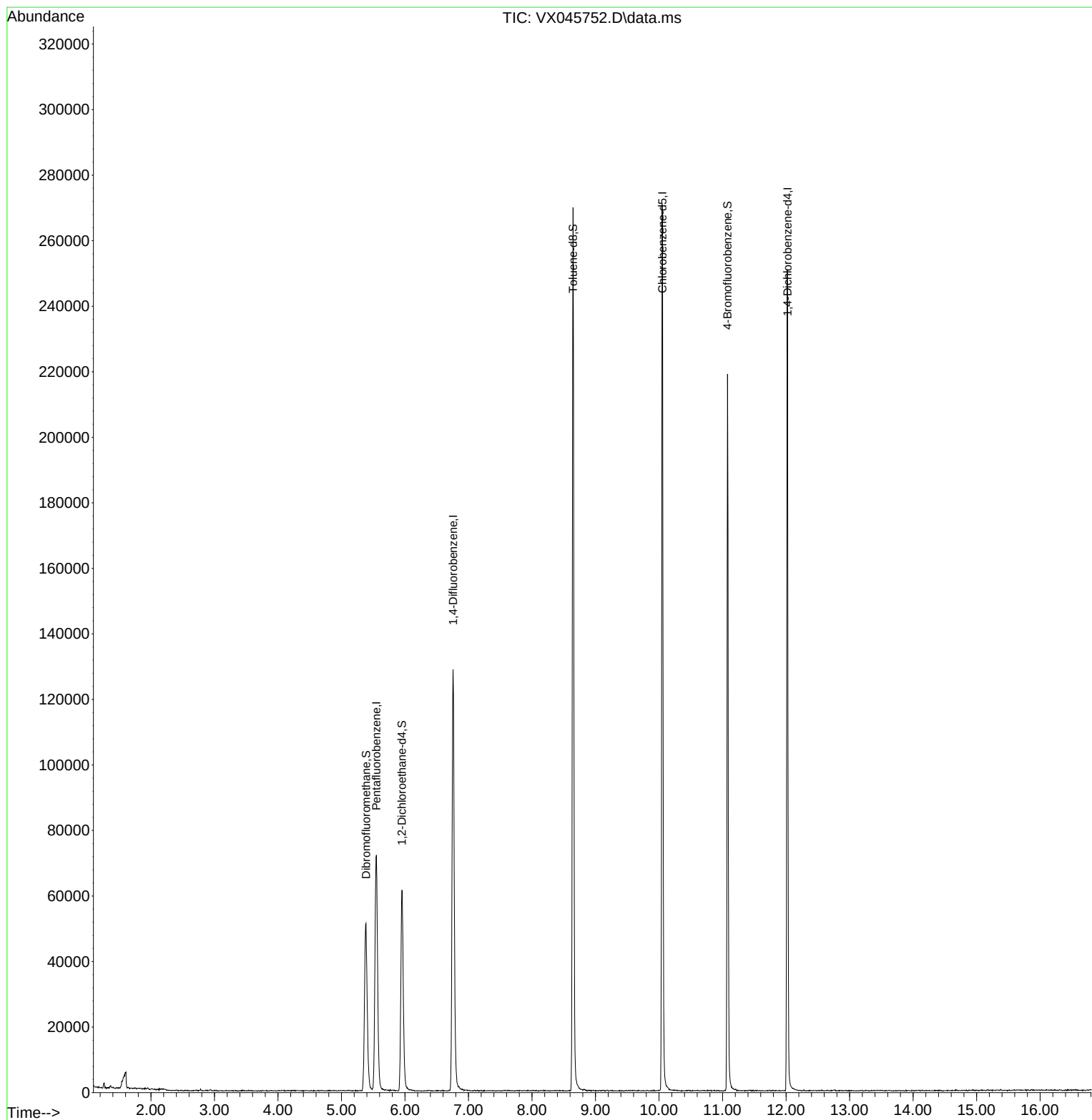
Target Compounds	Qvalue

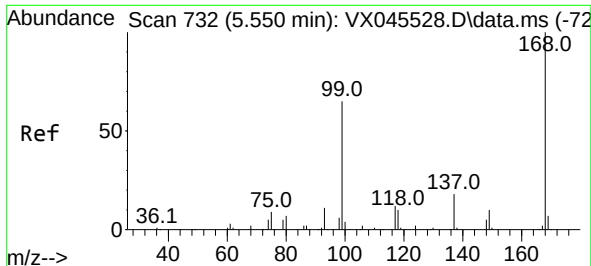
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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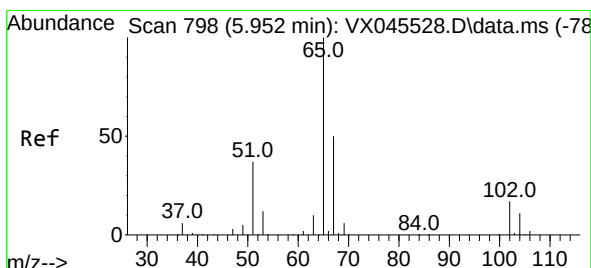
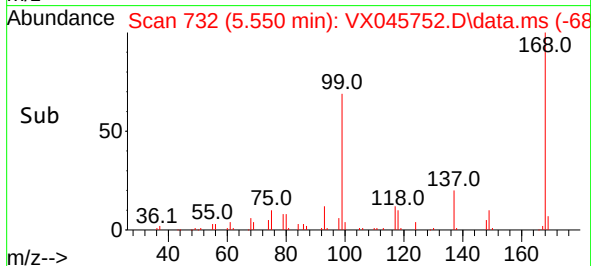
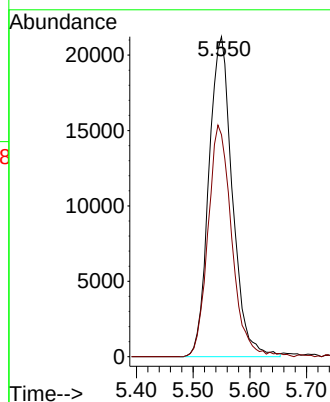
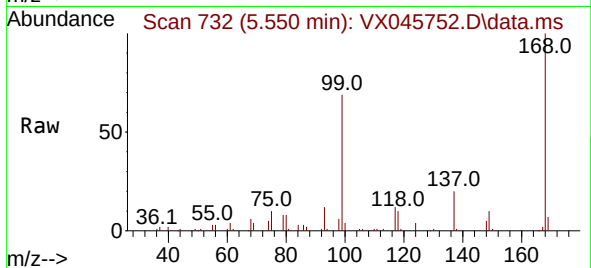




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045752.D
Acq: 11 Apr 2025 19:19

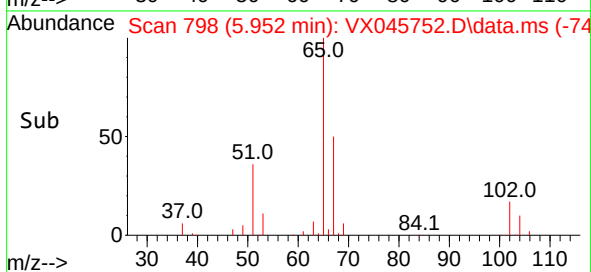
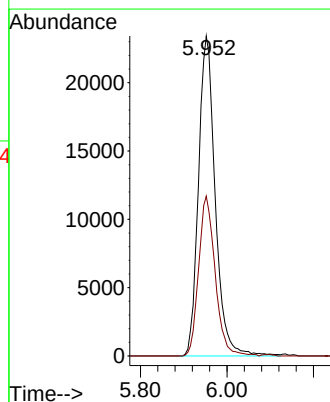
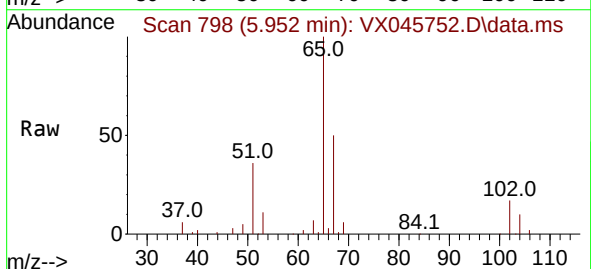
Instrument :
MSVOA_X
ClientSampleId :
IBLK

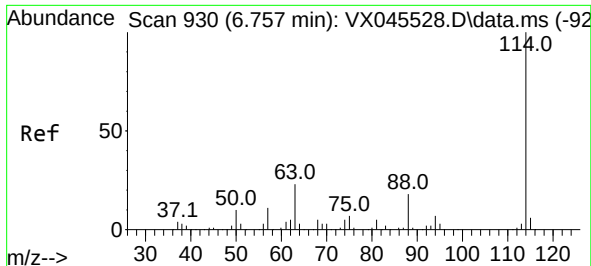
Tgt Ion:168 Resp: 61175
Ion Ratio Lower Upper
168 100
99 69.3 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 56.273 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045752.D
Acq: 11 Apr 2025 19:19

Tgt Ion: 65 Resp: 62954
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

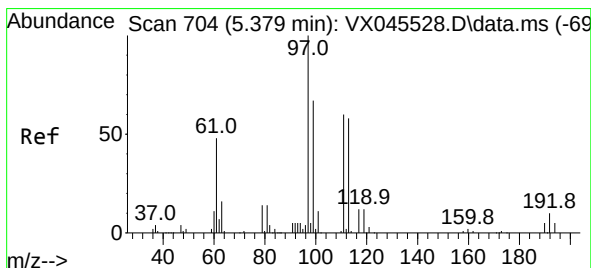
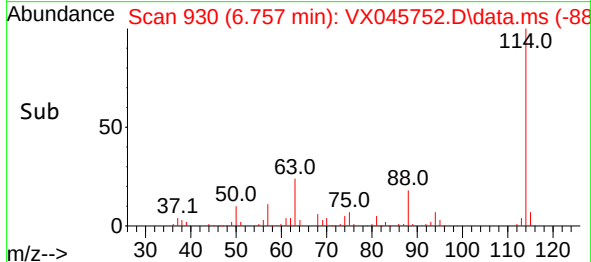
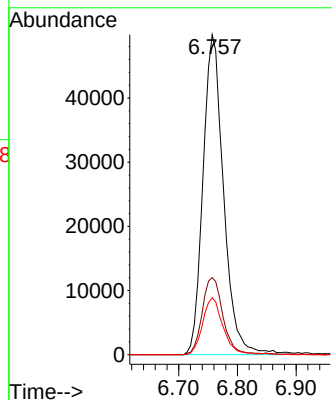
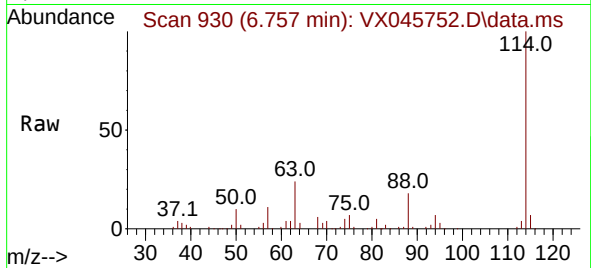




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045752.D
 Acq: 11 Apr 2025 19:19

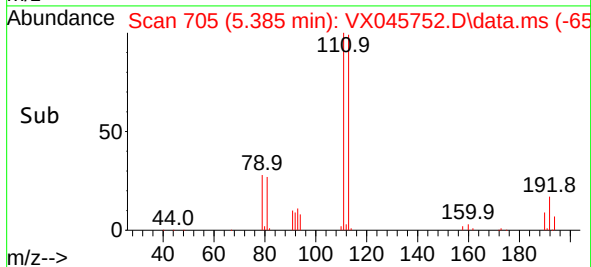
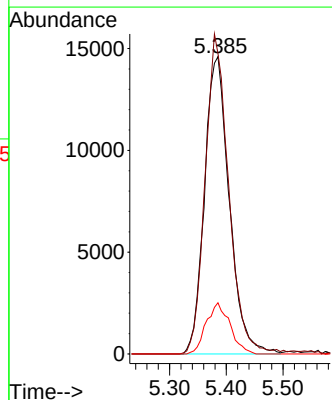
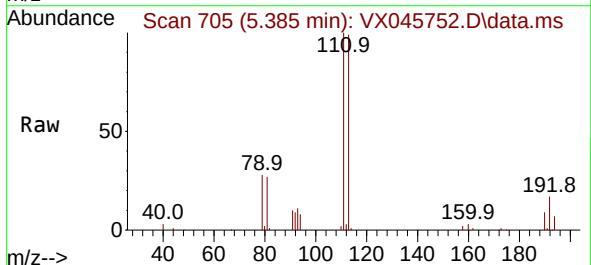
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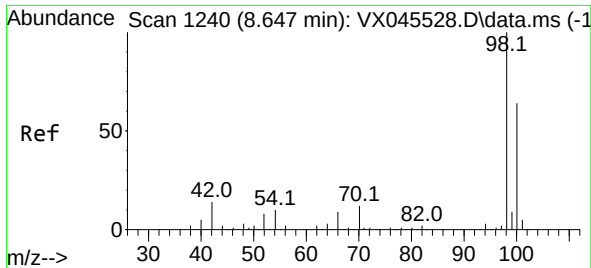
Tgt Ion:114 Resp: 121265
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.8
 88 17.7 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.675 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045752.D
 Acq: 11 Apr 2025 19:19

Tgt Ion:113 Resp: 44460
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 16.5 13.8 20.6

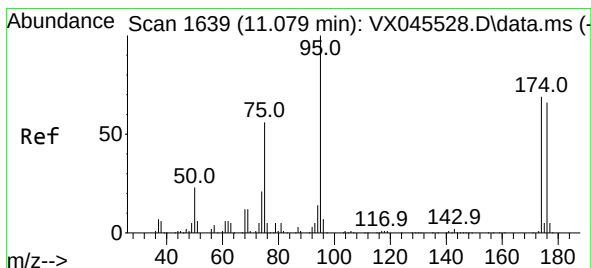
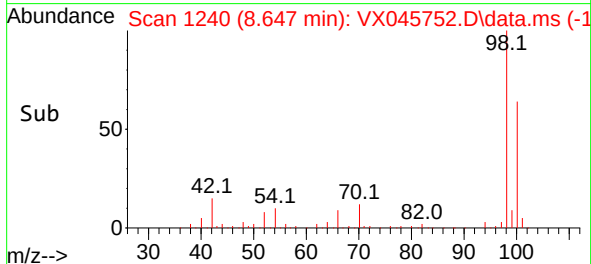
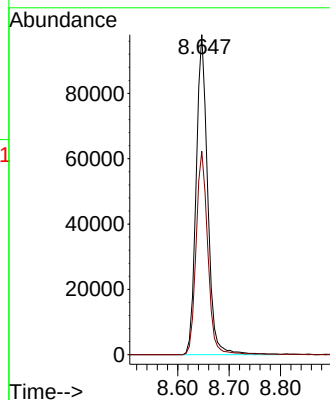
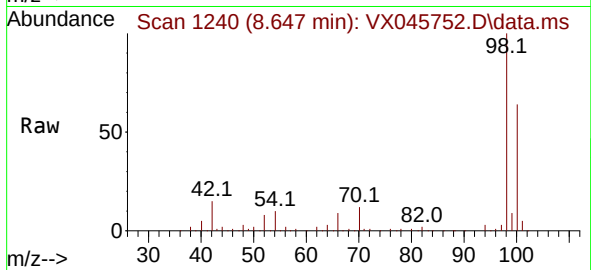




#50
Toluene-d8
Concen: 50.793 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045752.D
Acq: 11 Apr 2025 19:19

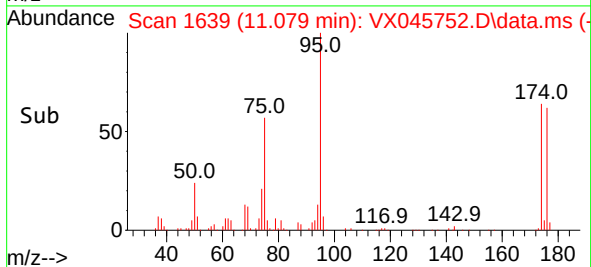
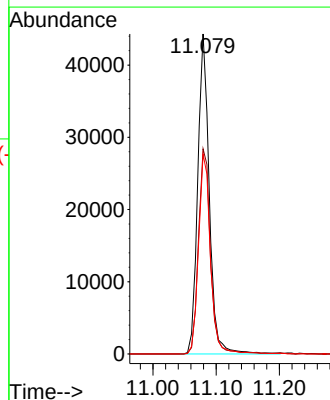
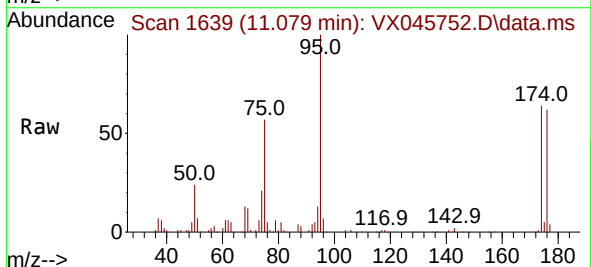
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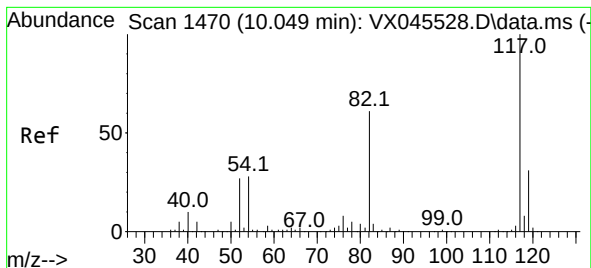
Tgt Ion: 98 Resp: 152533
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045752.D
Acq: 11 Apr 2025 19:19

Tgt Ion: 95 Resp: 56328
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045752.D

Acq: 11 Apr 2025 19:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

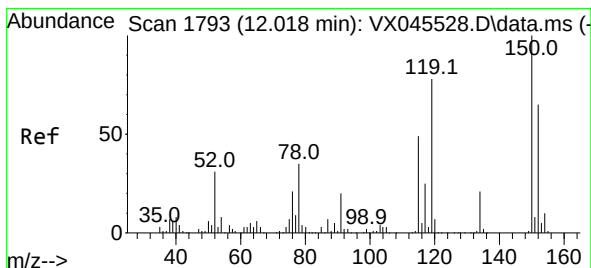
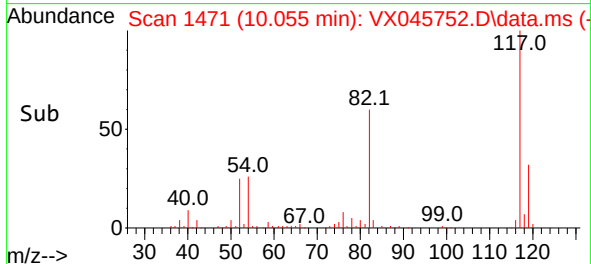
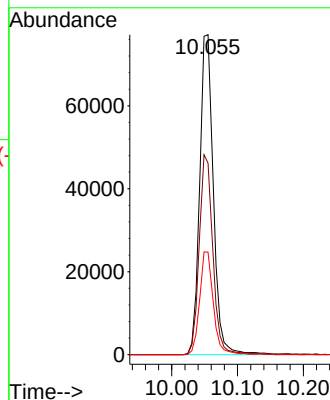
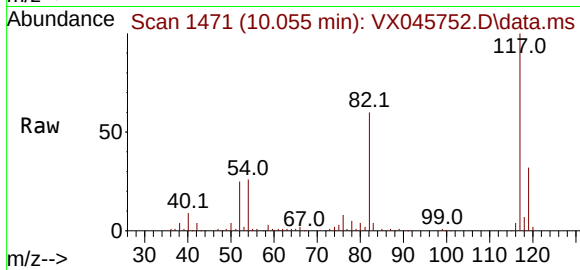
Tgt Ion:117 Resp: 111935

Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

119 32.0 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045752.D

Acq: 11 Apr 2025 19:19

Tgt Ion:152 Resp: 47204

Ion Ratio Lower Upper

152 100

115 63.6 46.9 140.7

150 152.9 0.0 349.4

