

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045579.D
 Acq On : 03 Apr 2025 18:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 04 01:28:31 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	5.544	168	65824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51051	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64666	53.720	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.440%
35) Dibromofluoromethane	5.385	113	46635	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	8.647	98	159697	49.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	59987	51.304	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.600%

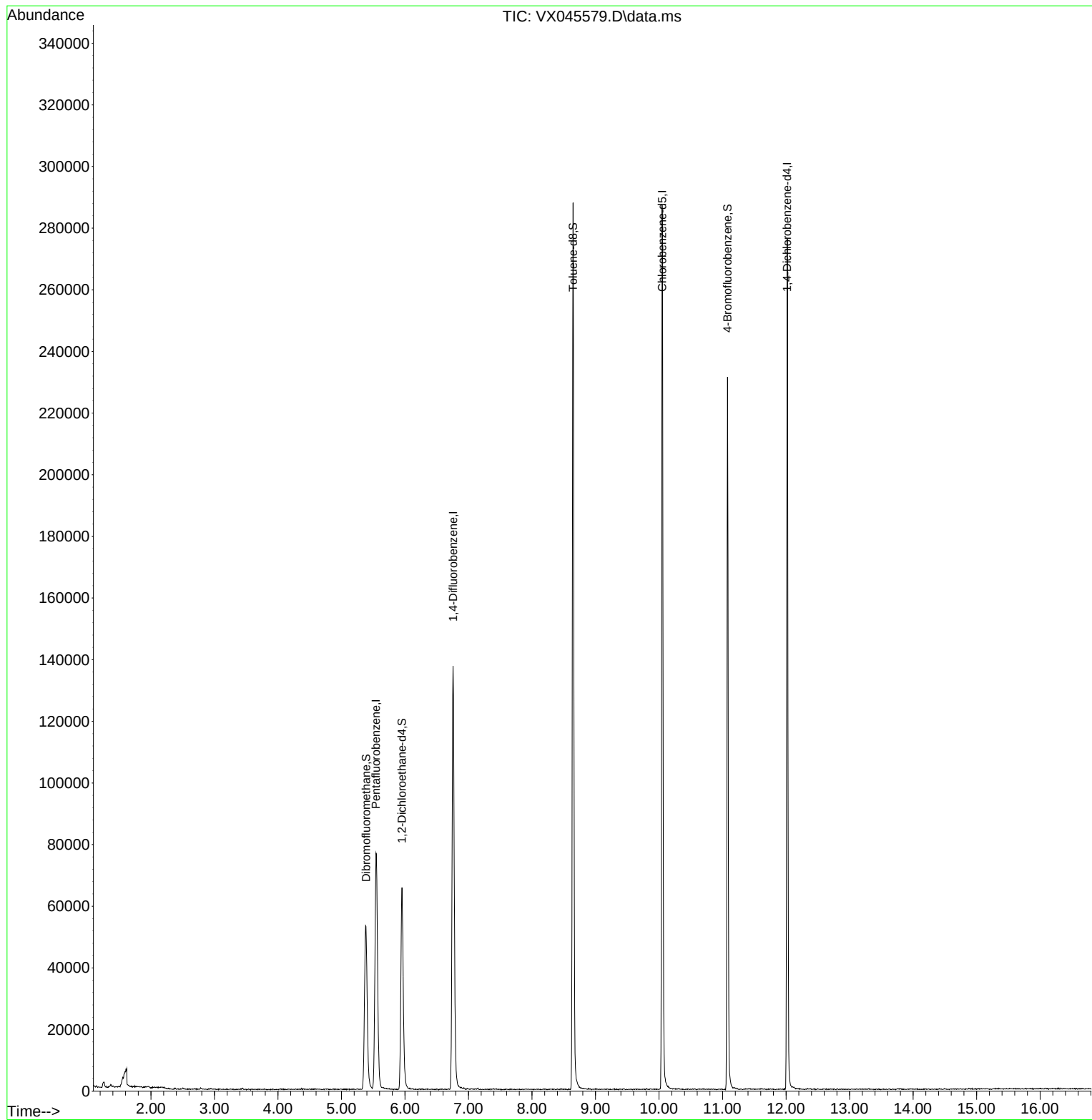
Target Compounds	Qvalue

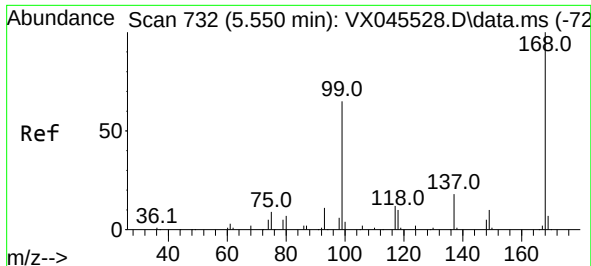
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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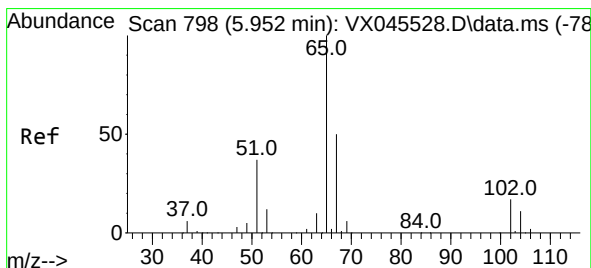
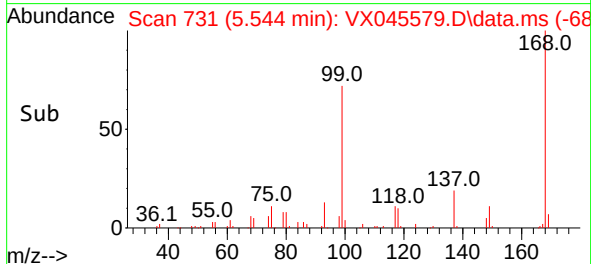
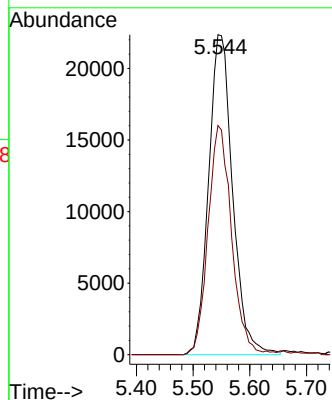
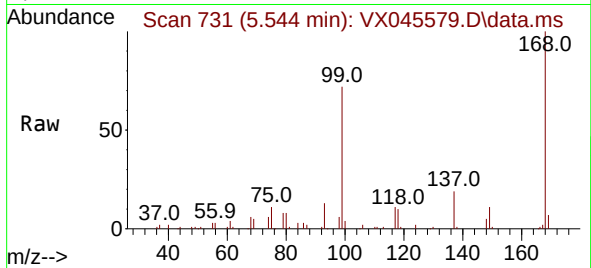




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

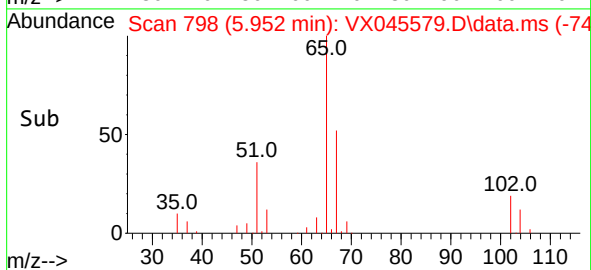
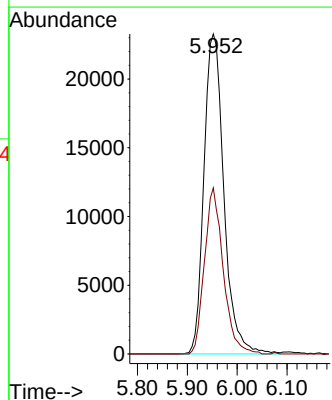
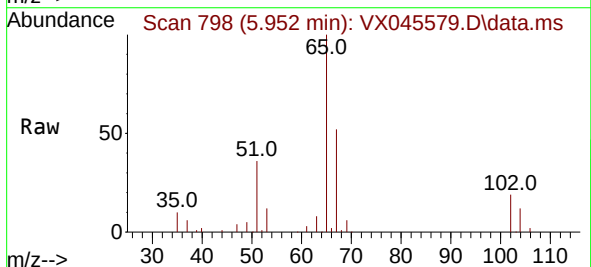
Instrument :
MSVOA_X
ClientSampleId :
IBLK

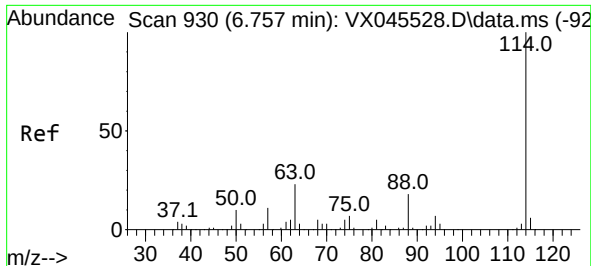
Tgt Ion:168 Resp: 65824
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.720 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 65 Resp: 64666
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

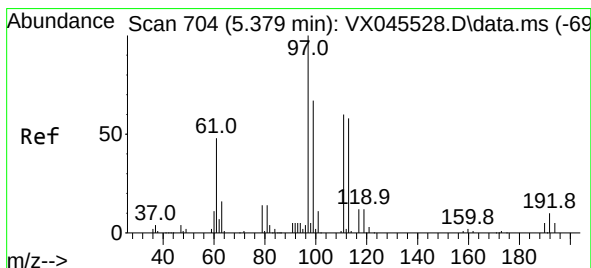
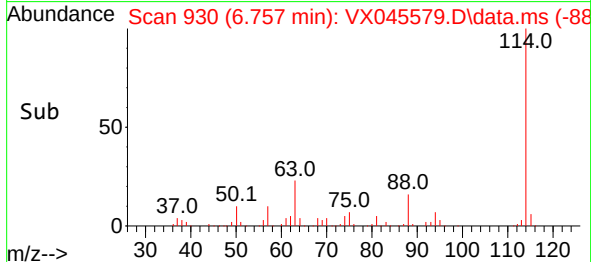
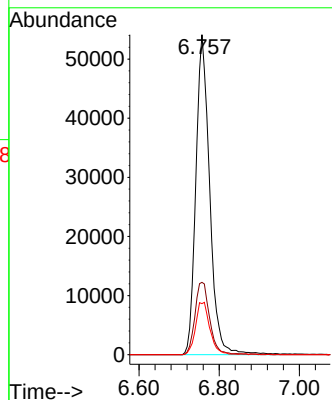
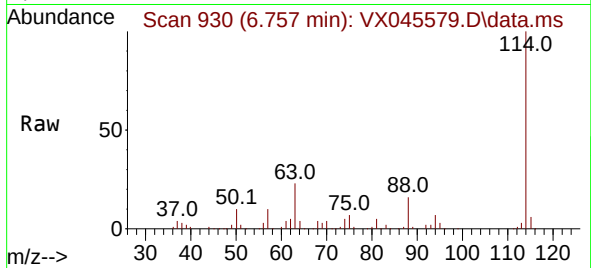




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045579.D
 Acq: 03 Apr 2025 18:19

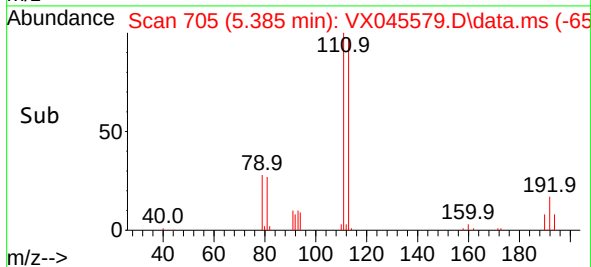
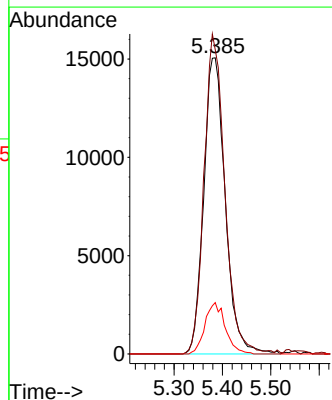
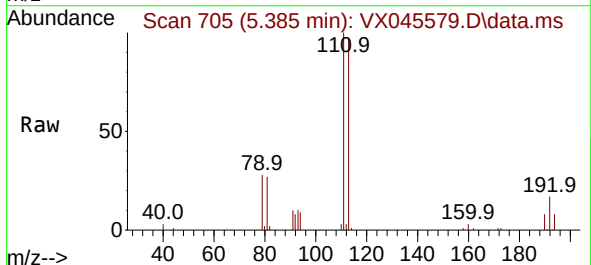
Instrument :
 MSVOA_X
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 IBLK

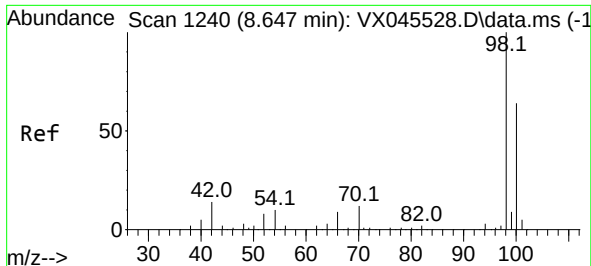
Tgt Ion:114 Resp: 129622
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.8
 88 15.9 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.708 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045579.D
 Acq: 03 Apr 2025 18:19

Tgt Ion:113 Resp: 46635
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 16.4 13.8 20.6

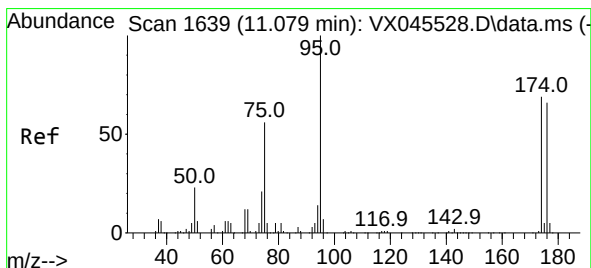
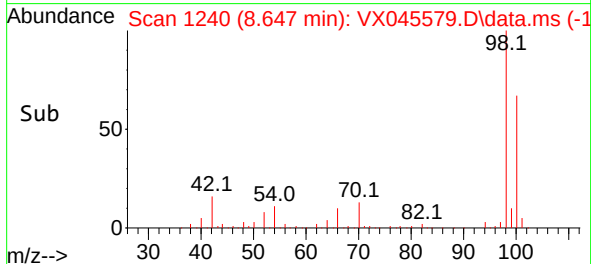
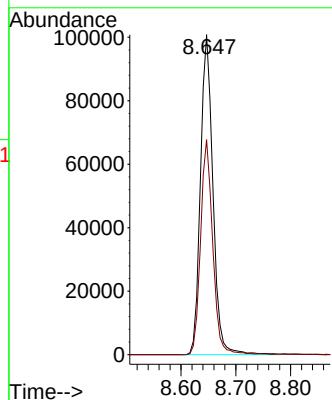
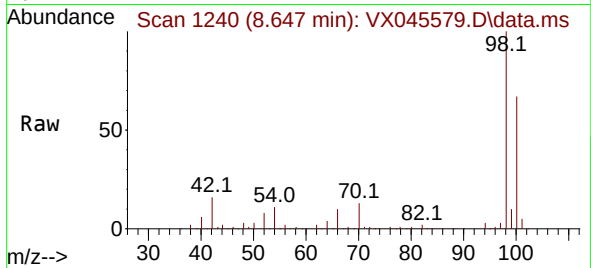




#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

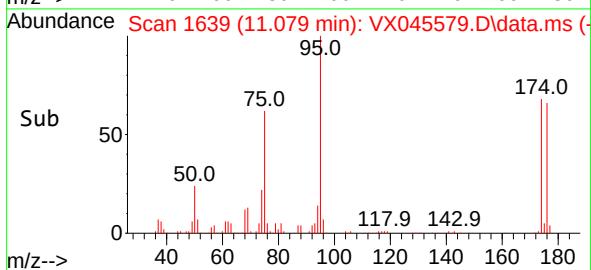
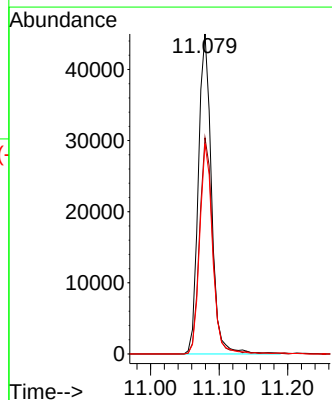
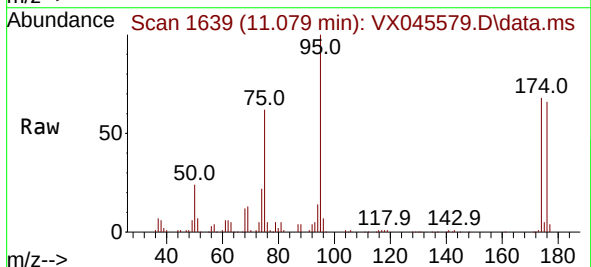
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MSVOA_X
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IBLK

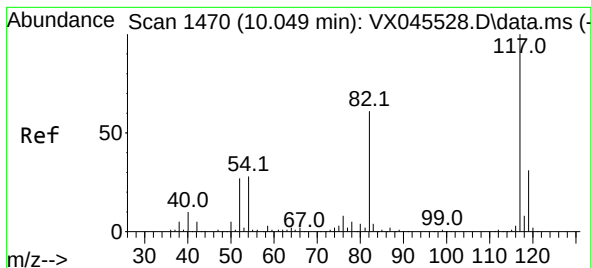
Tgt Ion: 98 Resp: 159697
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045579.D
Acq: 03 Apr 2025 18:19

Tgt Ion: 95 Resp: 59987
Ion Ratio Lower Upper
95 100
174 67.9 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: VX045579.D

Acq: 03 Apr 2025 18:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

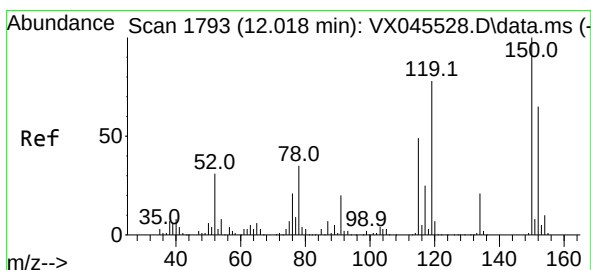
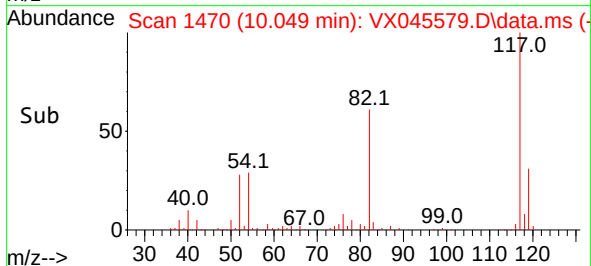
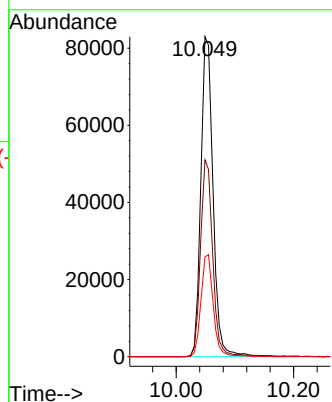
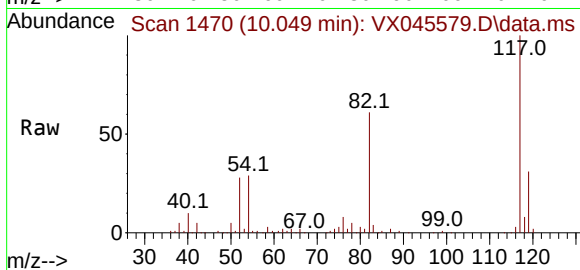
Tgt Ion:117 Resp: 119480

Ion Ratio Lower Upper

117 100

82 61.5 49.2 73.8

119 31.2 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045579.D

Acq: 03 Apr 2025 18:19

Tgt Ion:152 Resp: 51051

Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 156.0 0.0 349.4

