

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045627.D
 Acq On : 07 Apr 2025 14:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 08 01:35:54 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	66910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68217	55.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.500%
35) Dibromofluoromethane	5.379	113	49263	52.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	8.647	98	168344	51.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.100%
62) 4-Bromofluorobenzene	11.079	95	61759	51.420	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.840%

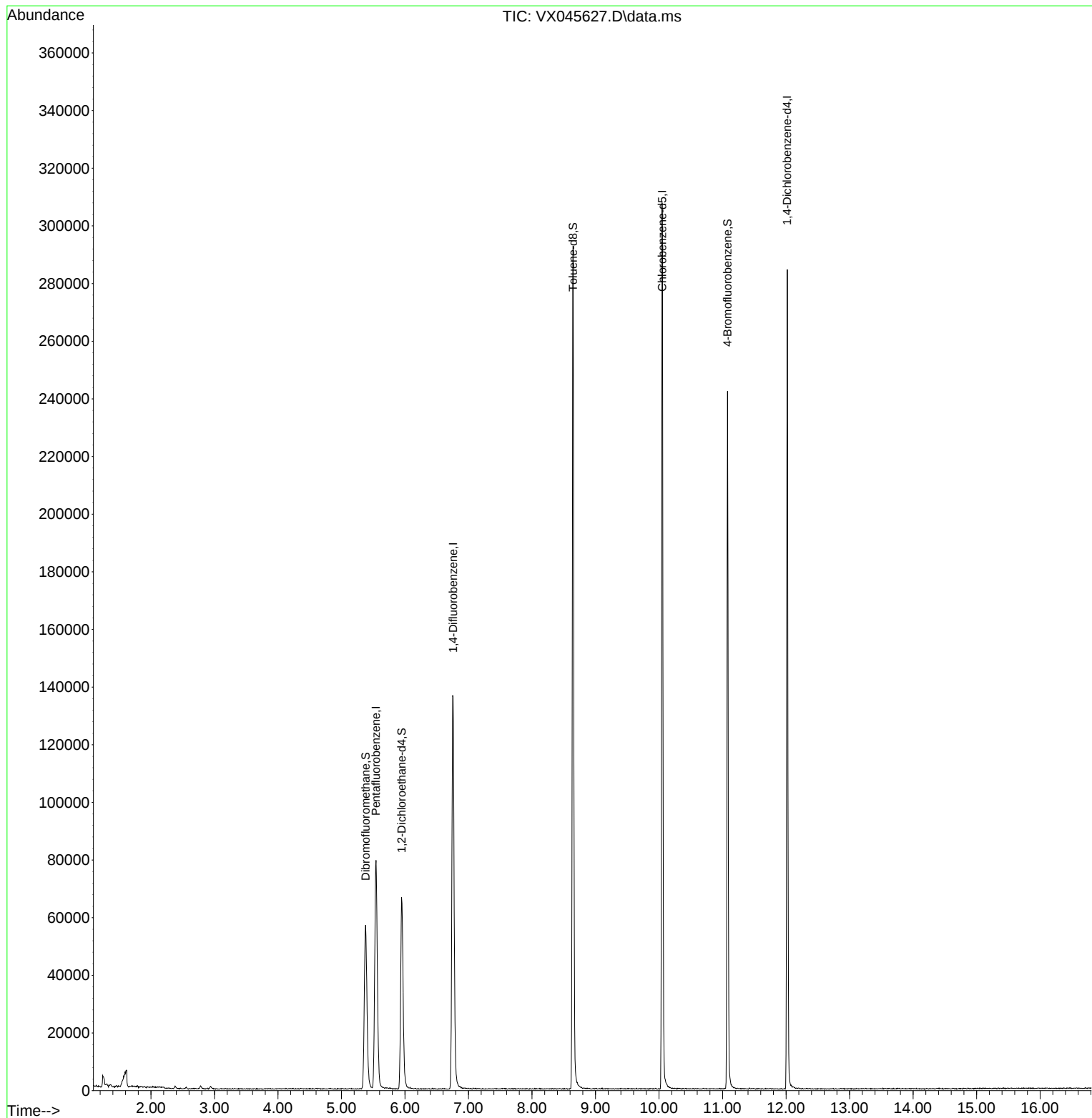
Target Compounds	Qvalue

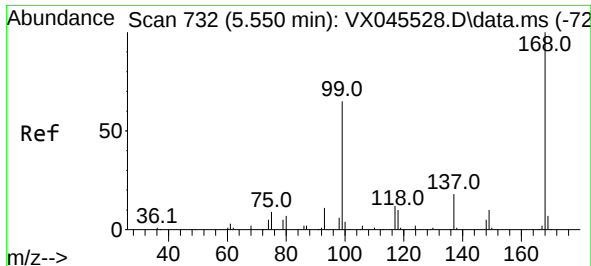
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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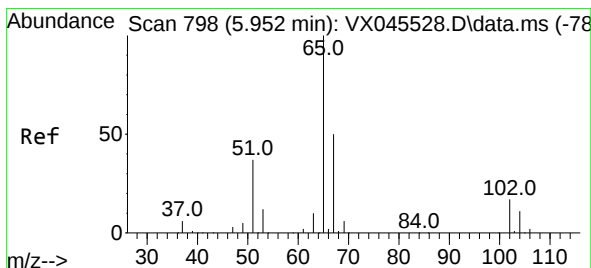
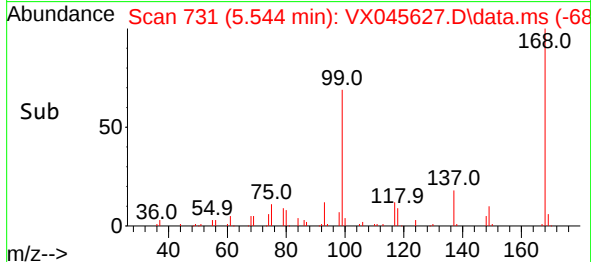
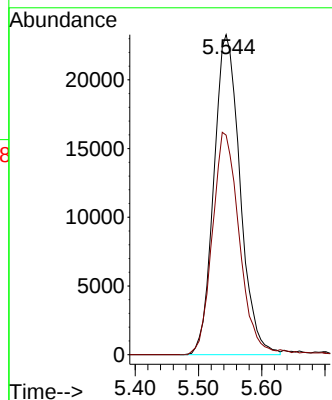
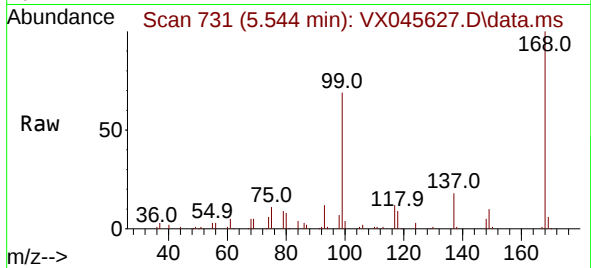




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

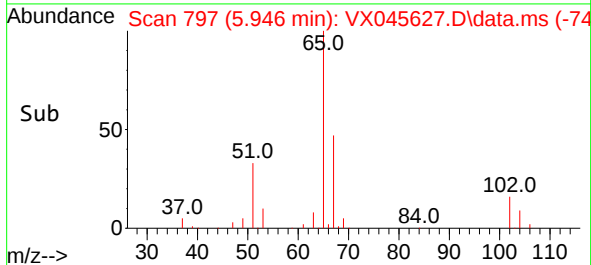
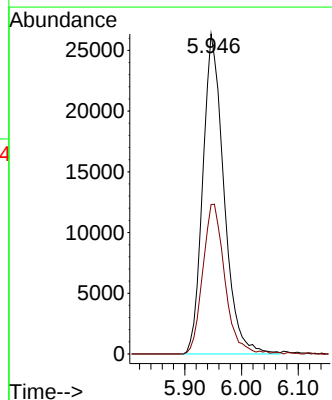
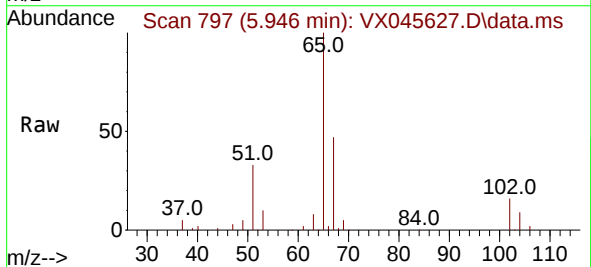
Instrument :
MSVOA_X
ClientSampleId :
IBLK

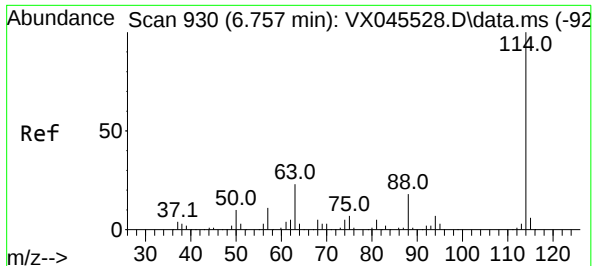
Tgt Ion:168 Resp: 66910
Ion Ratio Lower Upper
168 100
99 68.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.751 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 65 Resp: 68217
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

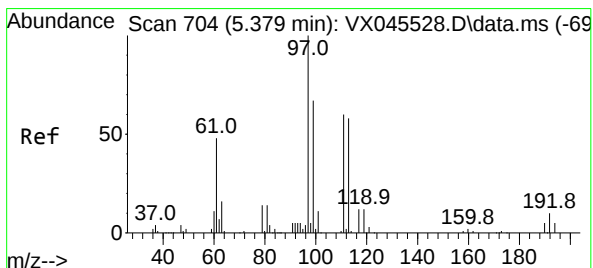
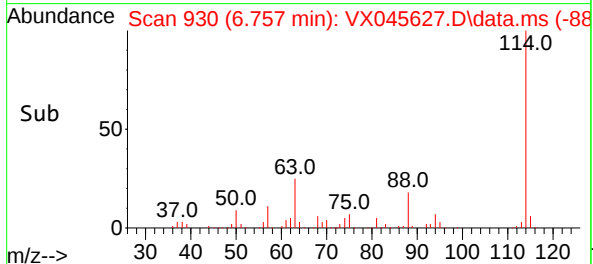
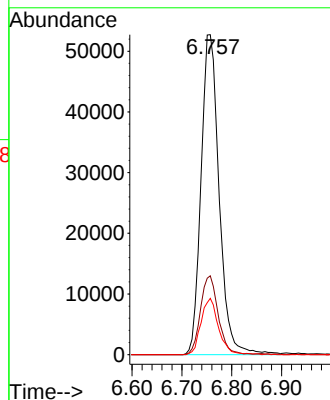
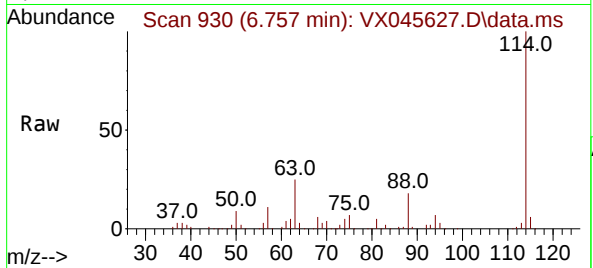




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

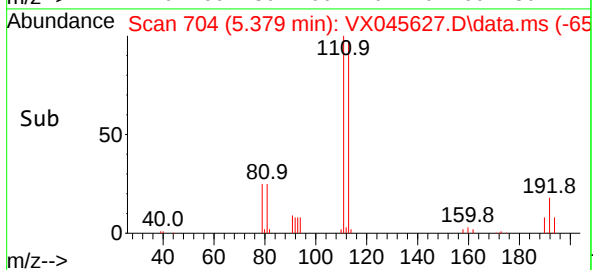
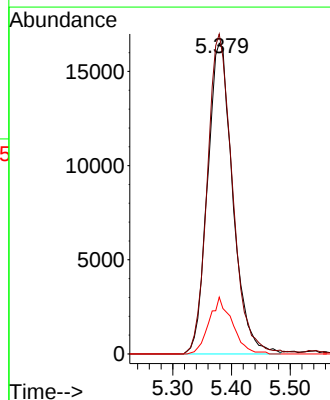
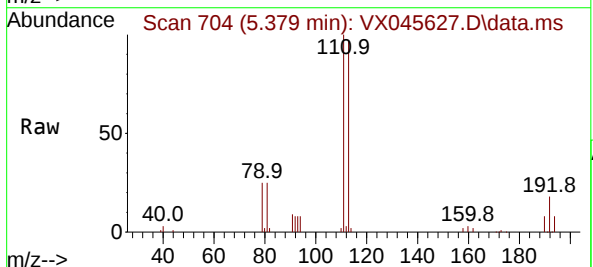
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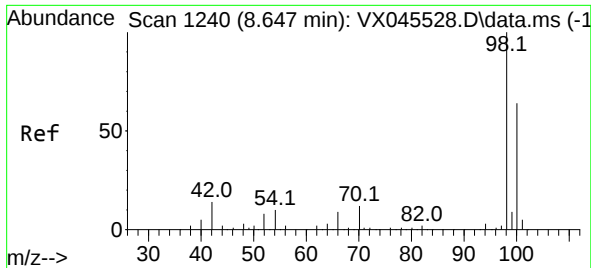
Tgt Ion:114 Resp: 133149
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 17.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.147 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion:113 Resp: 49263
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.8 13.8 20.6

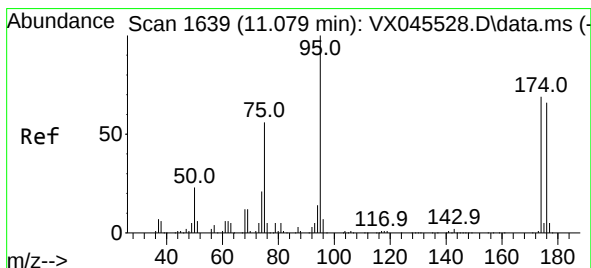
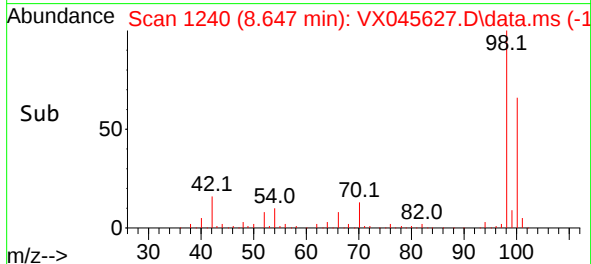
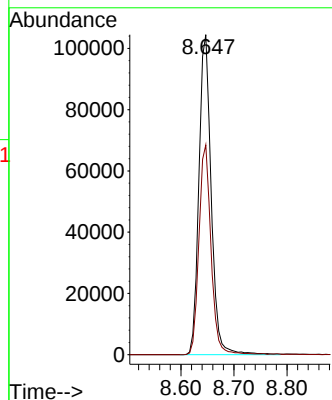
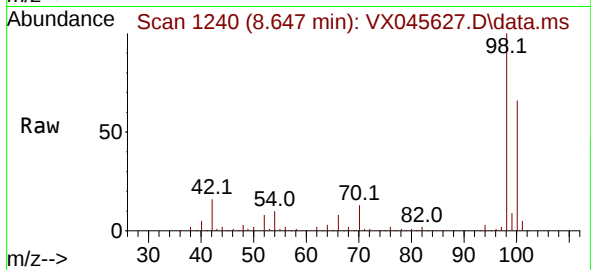




#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

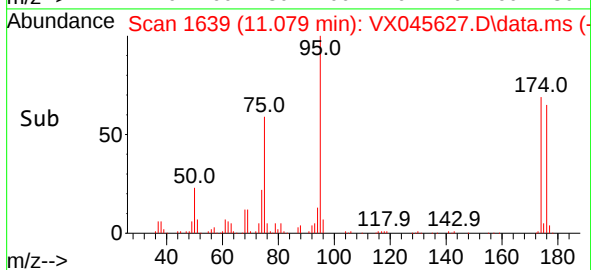
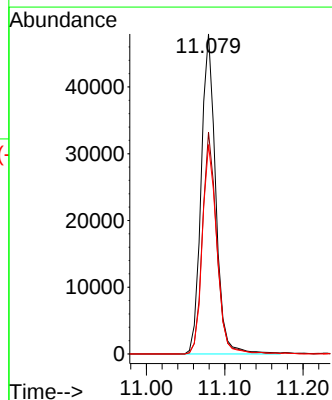
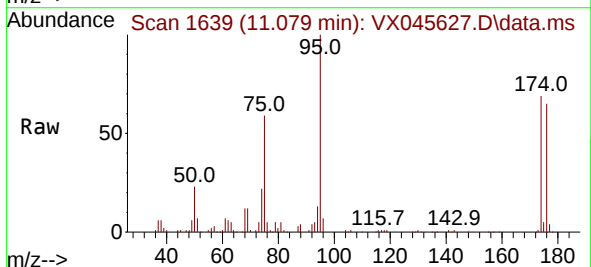
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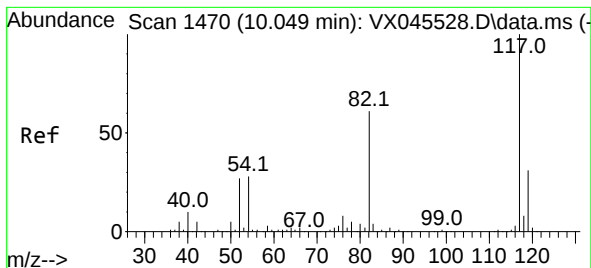
Tgt Ion: 98 Resp: 168344
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.420 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045627.D
Acq: 07 Apr 2025 14:35

Tgt Ion: 95 Resp: 61759
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.9 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: VX045627.D

Acq: 07 Apr 2025 14:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

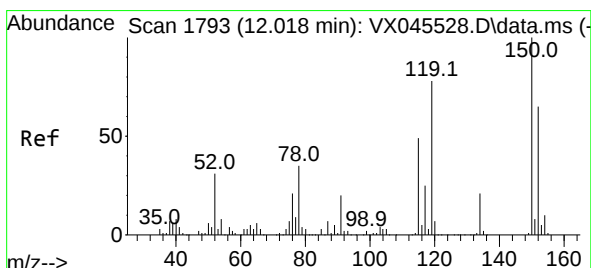
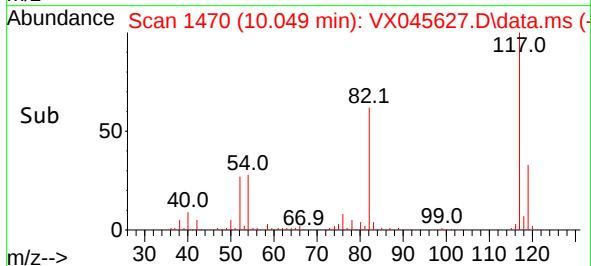
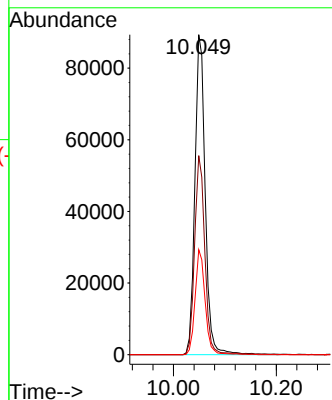
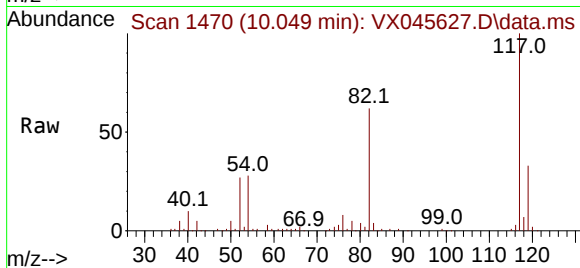
Tgt Ion:117 Resp: 124858

Ion Ratio Lower Upper

117 100

82 62.2 49.2 73.8

119 32.8 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: VX045627.D

Acq: 07 Apr 2025 14:35

Tgt Ion:152 Resp: 51165

Ion Ratio Lower Upper

152 100

115 65.5 46.9 140.7

150 155.8 0.0 349.4

