

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045465.D
 Acq On : 26 Mar 2025 13:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 27 01:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	70441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61149	54.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.140%
35) Dibromofluoromethane	5.379	113	45534	48.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	8.647	98	159373	47.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	11.079	95	55315	49.463	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.920%

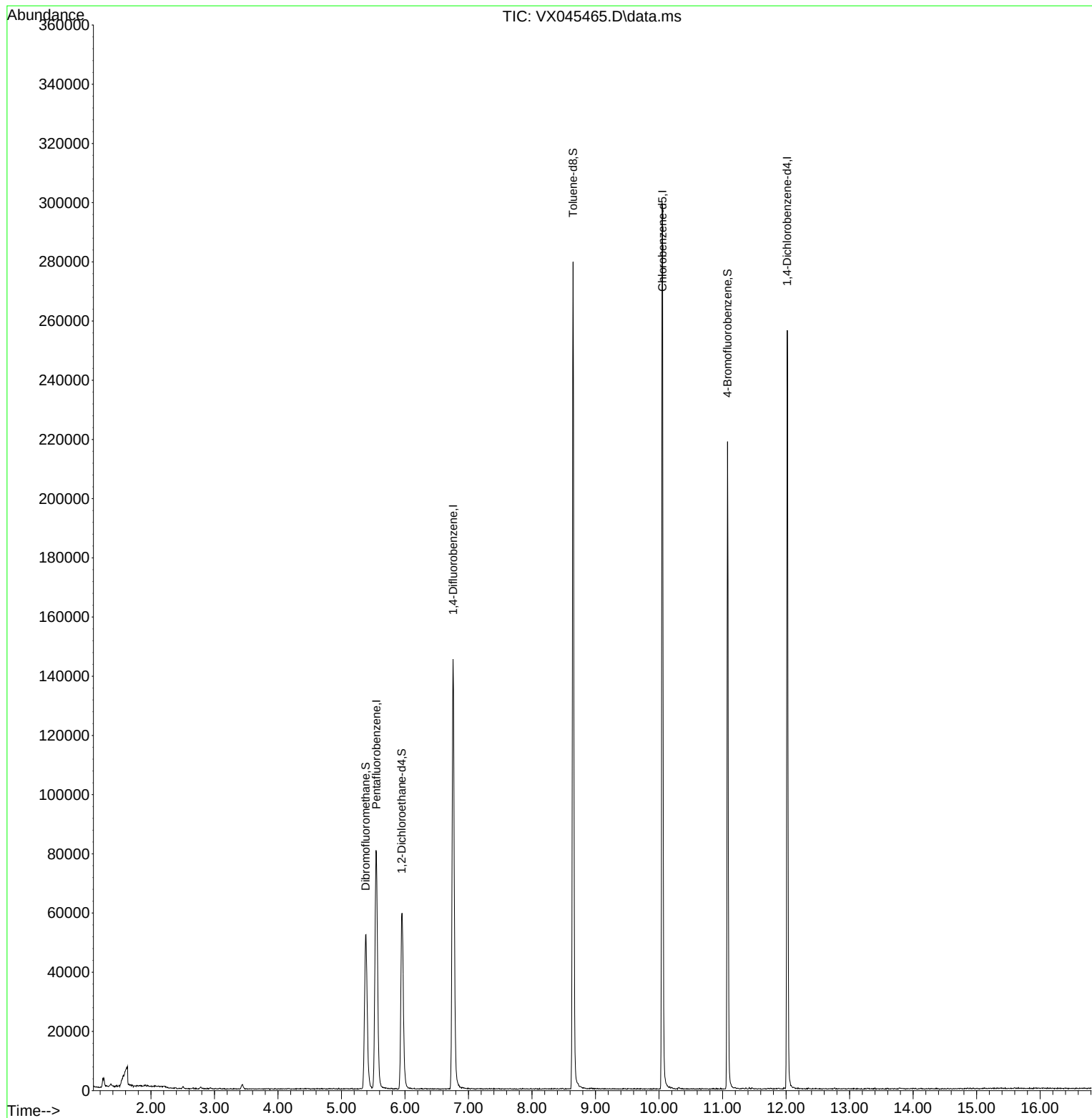
Target Compounds	Qvalue

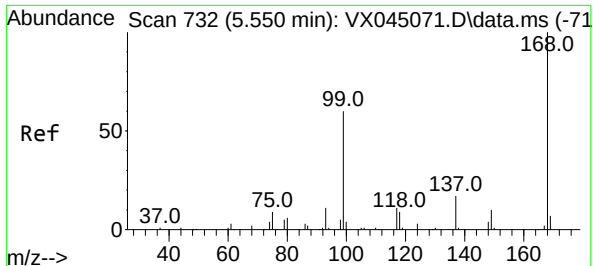
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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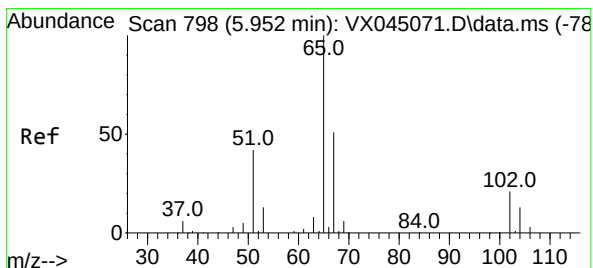
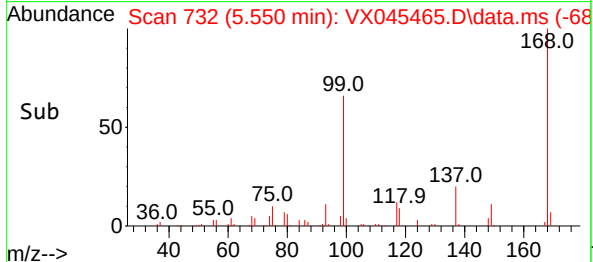
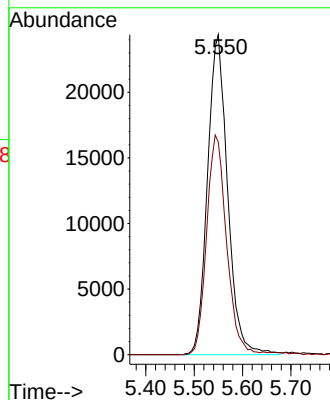
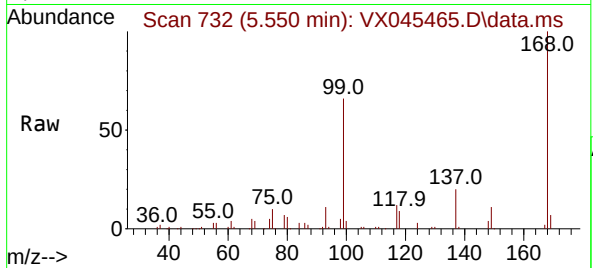




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

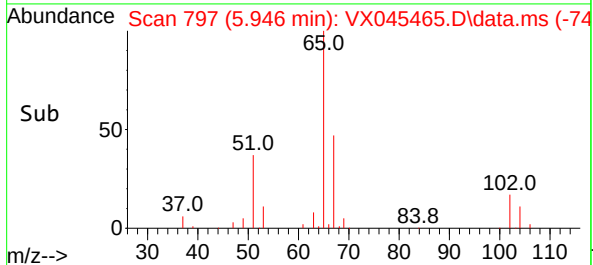
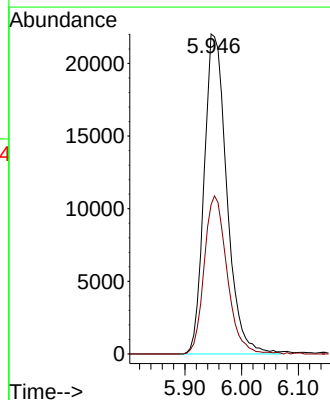
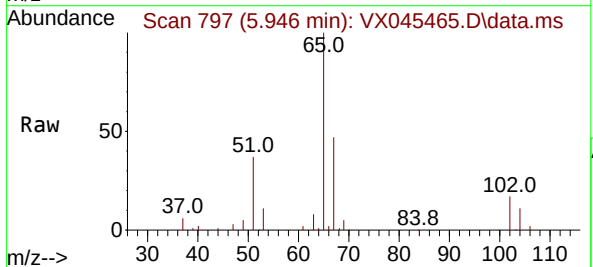
Instrument :
MSVOA_X
ClientSampleId :
IBLK

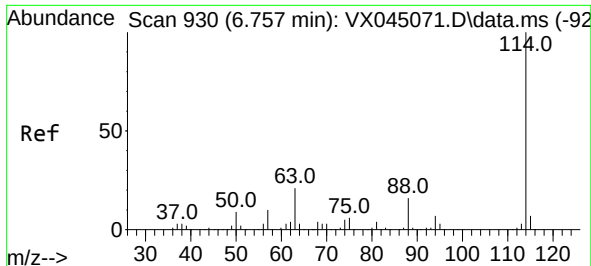
Tgt Ion:168 Resp: 70441
Ion Ratio Lower Upper
168 100
99 66.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.575 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

Tgt Ion: 65 Resp: 61149
Ion Ratio Lower Upper
65 100
67 49.9 0.0 106.2

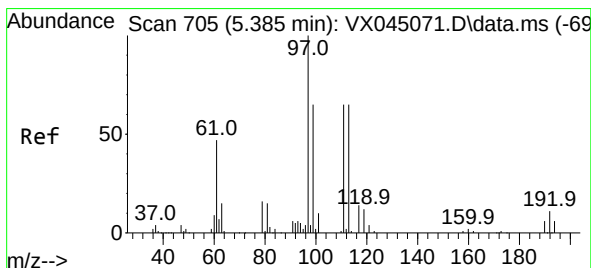
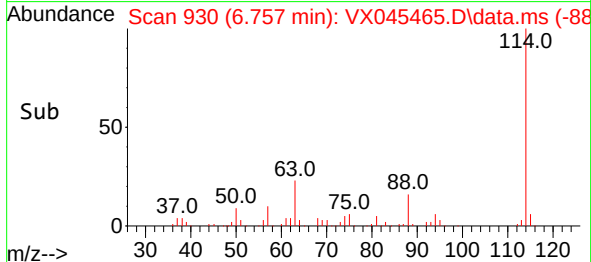
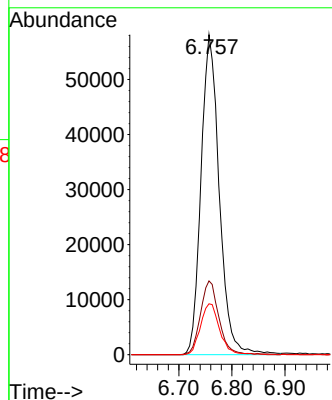
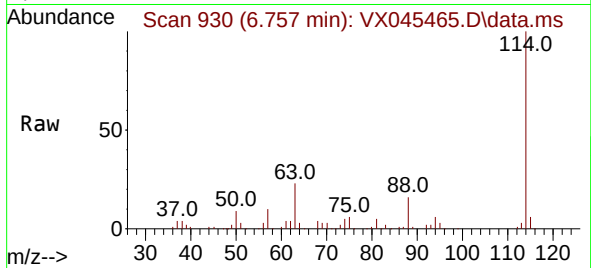




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

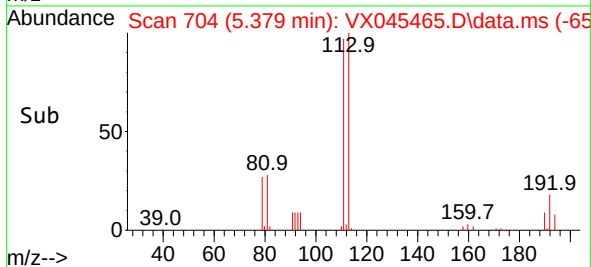
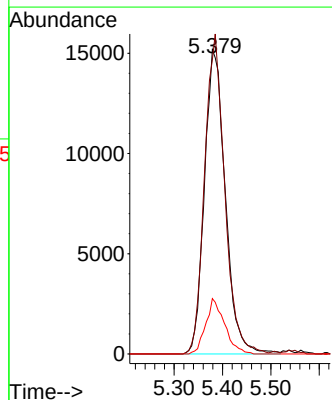
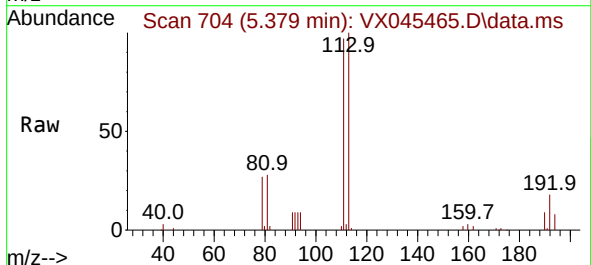
Instrument :
MSVOA_X
ClientSampleId :
IBLK

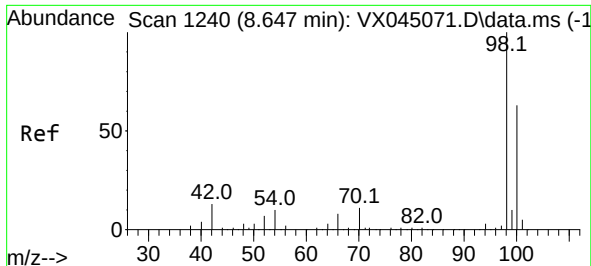
Tgt Ion:114 Resp: 139214
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.915 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

Tgt Ion:113 Resp: 45534
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 16.5 14.3 21.5

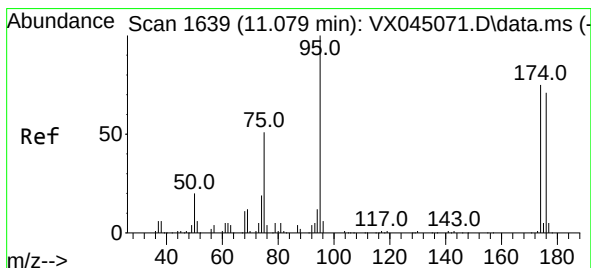
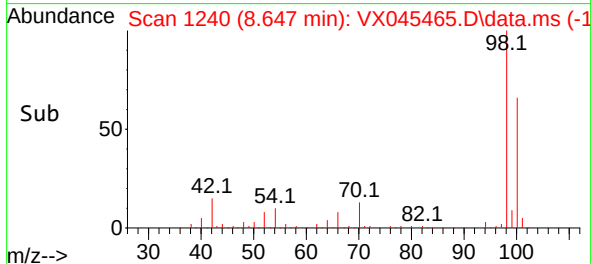
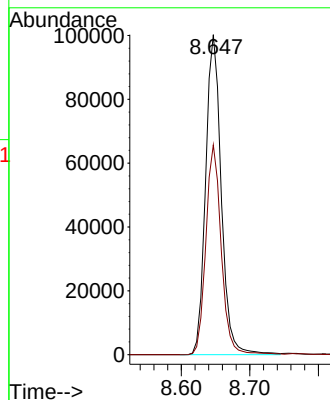
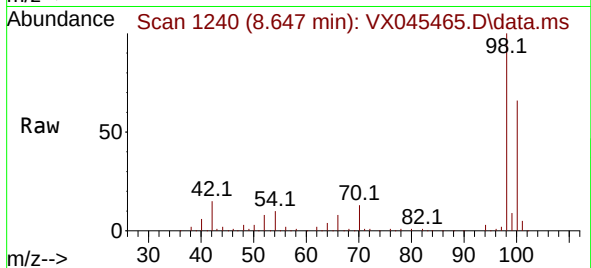




#50
Toluene-d8
Concen: 47.225 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

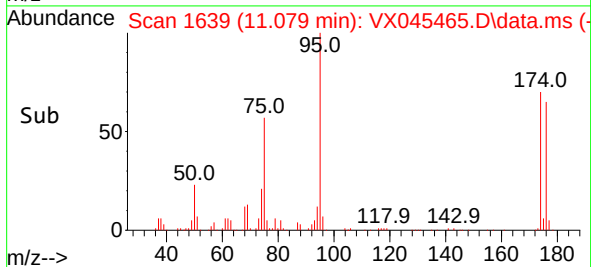
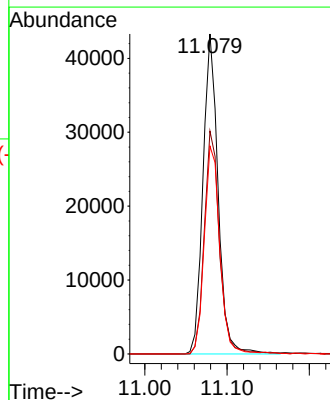
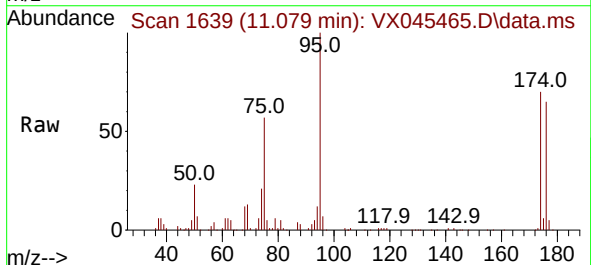
Instrument :
MSVOA_X
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IBLK

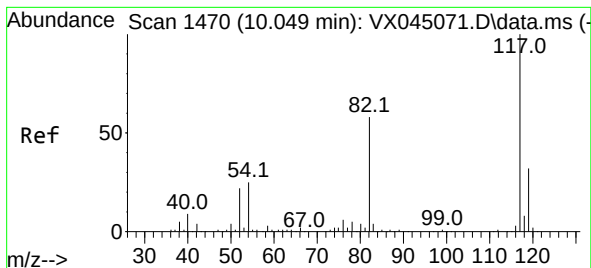
Tgt Ion: 98 Resp: 159373
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045465.D
Acq: 26 Mar 2025 13:19

Tgt Ion: 95 Resp: 55315
Ion Ratio Lower Upper
95 100
174 70.1 0.0 148.2
176 67.0 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045465.D

Acq: 26 Mar 2025 13:19

Instrument :

MSVOA_X

ClientSampleId :

IBLK

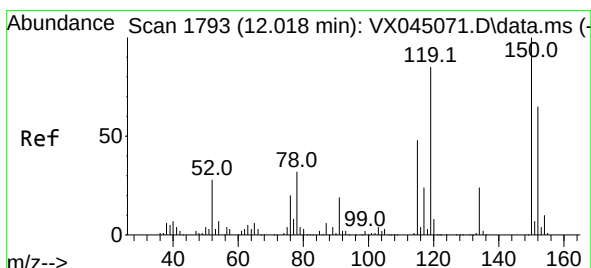
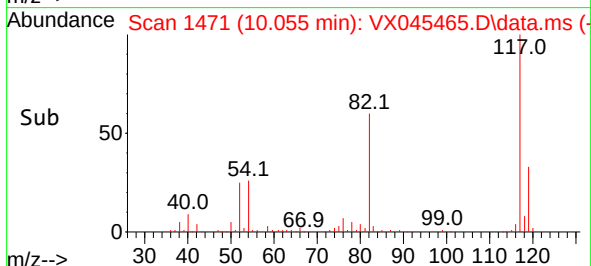
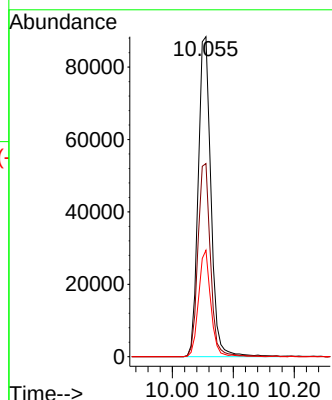
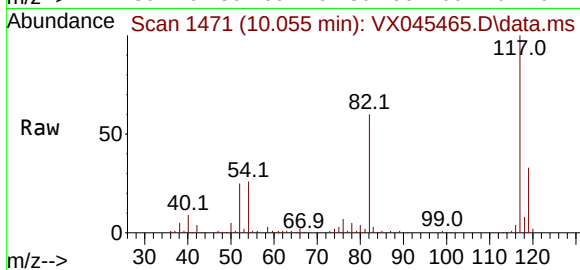
Tgt Ion:117 Resp: 128411

Ion Ratio Lower Upper

117 100

82 60.4 46.3 69.5

119 33.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045465.D

Acq: 26 Mar 2025 13:19

Tgt Ion:152 Resp: 48877

Ion Ratio Lower Upper

152 100

115 63.4 44.2 132.6

150 155.8 0.0 349.0

