

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046245.D
 Acq On : 16 May 2025 16:05
 Operator : JC/MD
 Sample : Q2061-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: May 16 23:07:35 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	5.549	168	64842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66240	54.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.600%
35) Dibromofluoromethane	5.385	113	47887	51.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.140%
50) Toluene-d8	8.646	98	164985	50.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.079	95	63233	50.789	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.580%

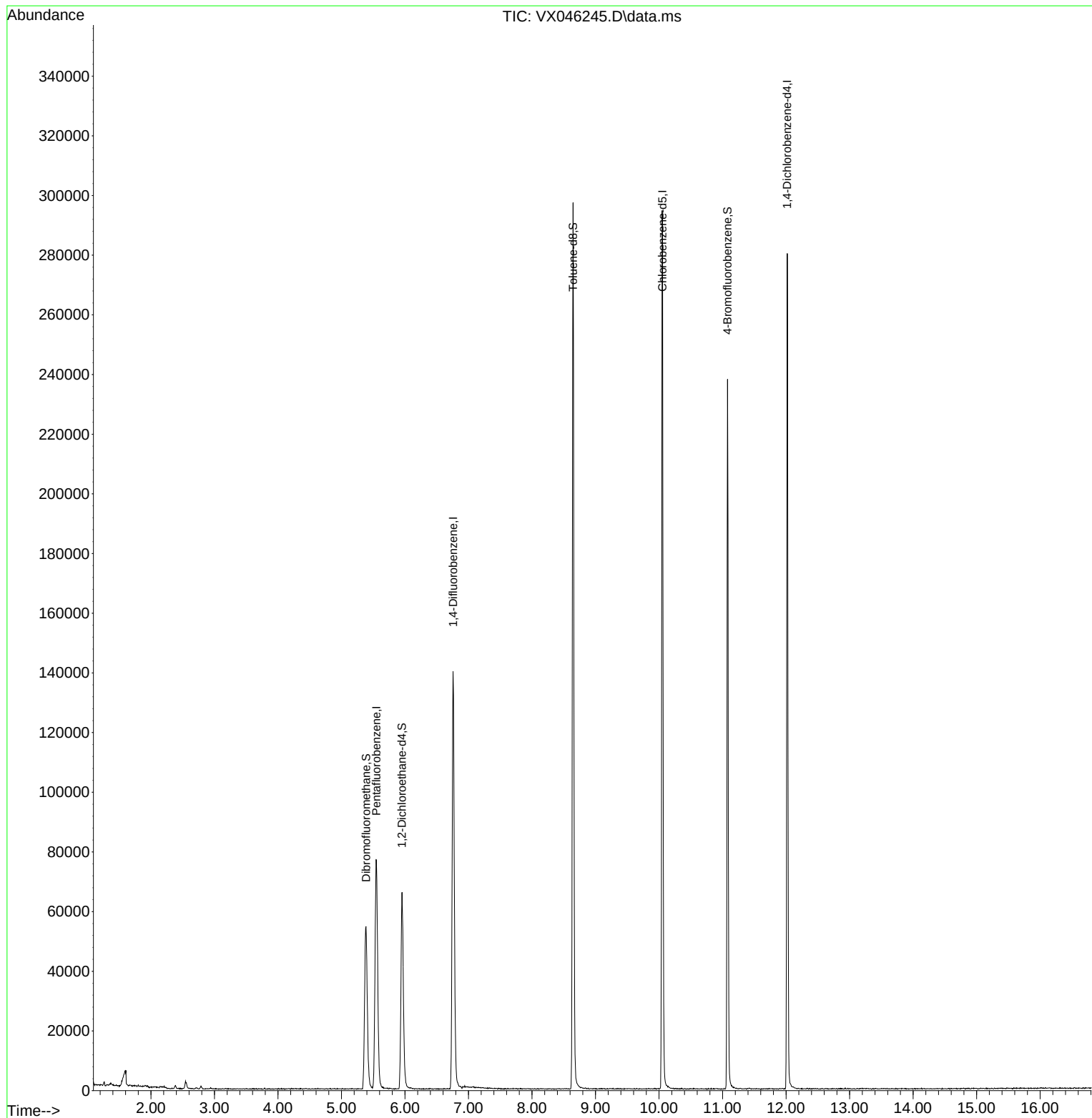
Target Compounds	Qvalue

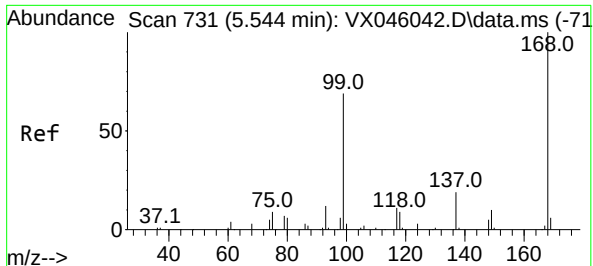
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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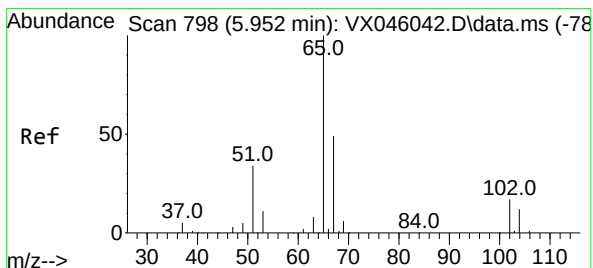
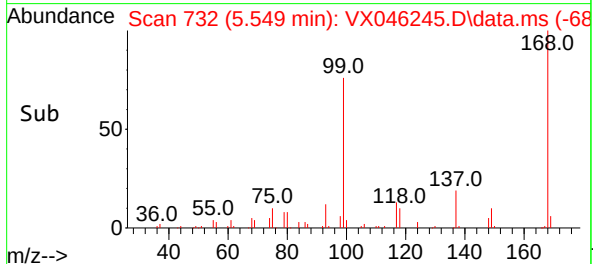
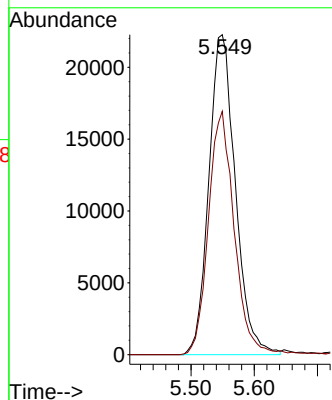
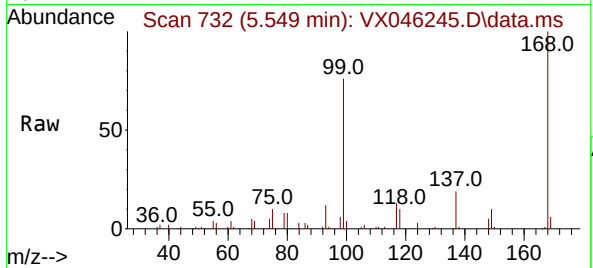




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

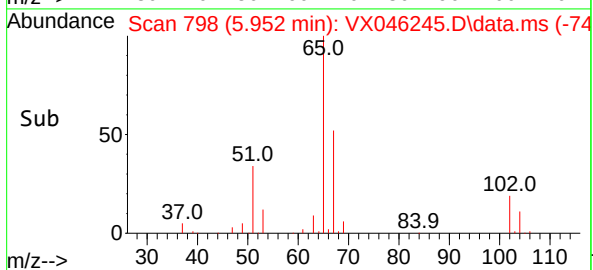
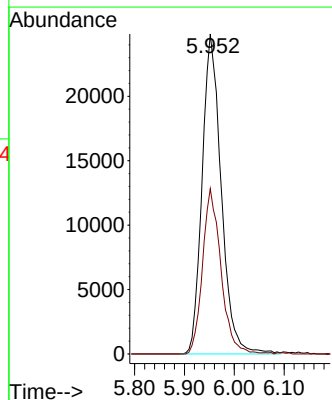
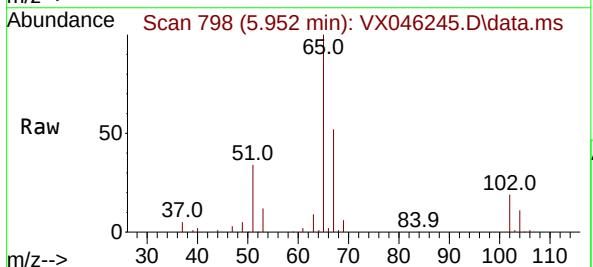
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

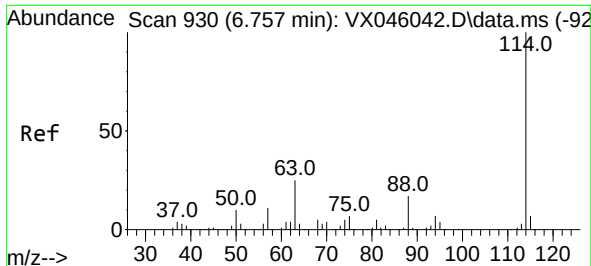
Tgt Ion:168 Resp: 64842
Ion Ratio Lower Upper
168 100
99 76.0 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.795 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

Tgt Ion: 65 Resp: 66240
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

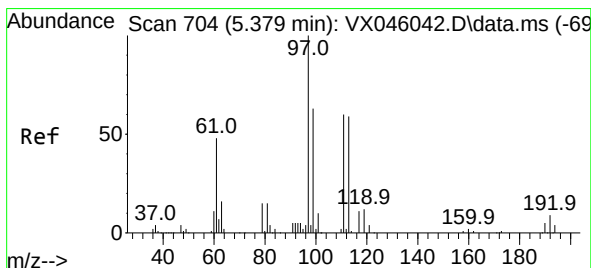
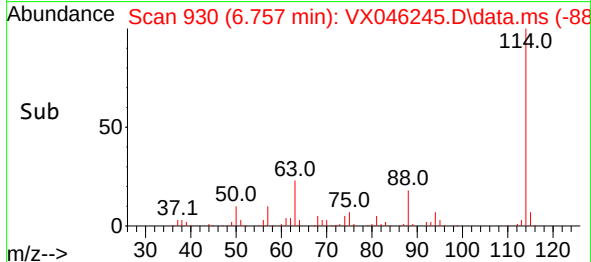
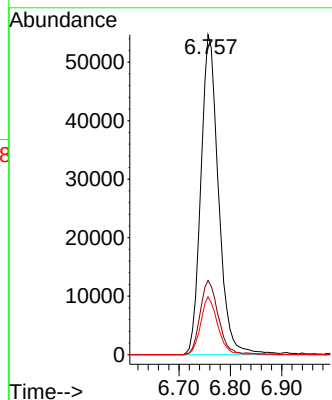
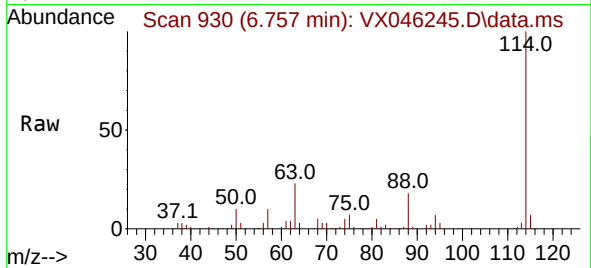




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

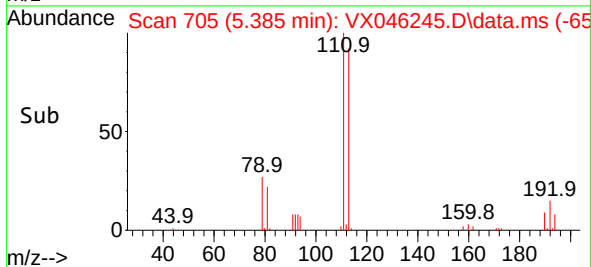
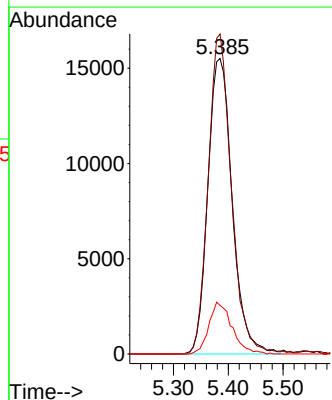
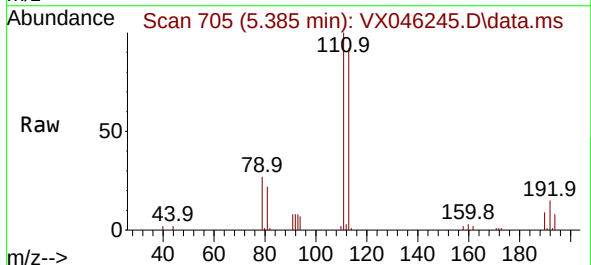
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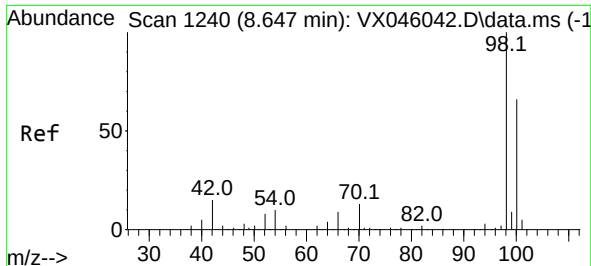
Tgt Ion:114 Resp: 130226
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.2
88 18.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.065 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

Tgt Ion:113 Resp: 47887
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.6 13.3 19.9

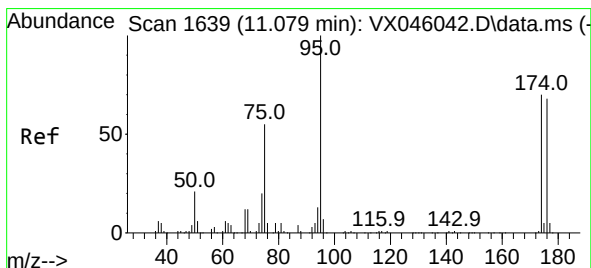
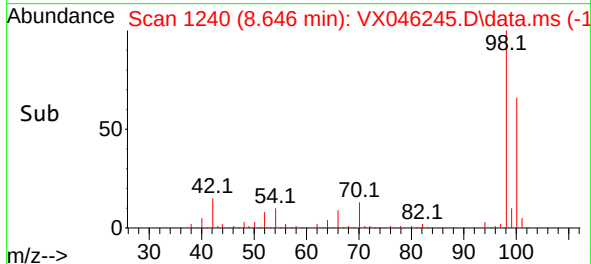
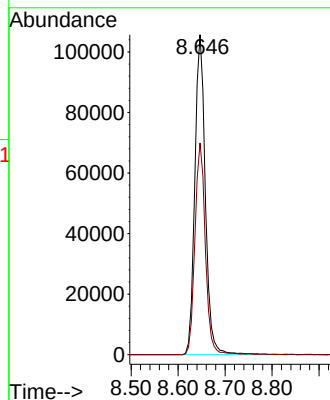
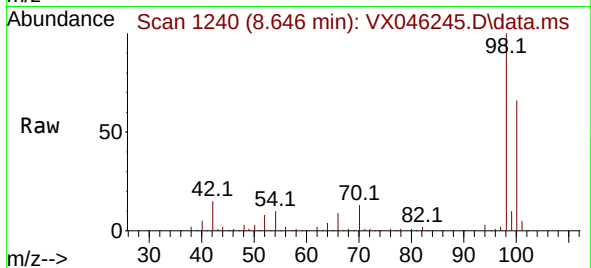




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

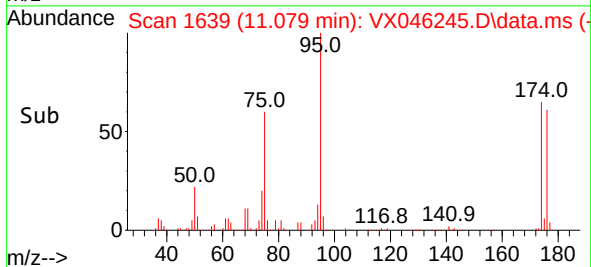
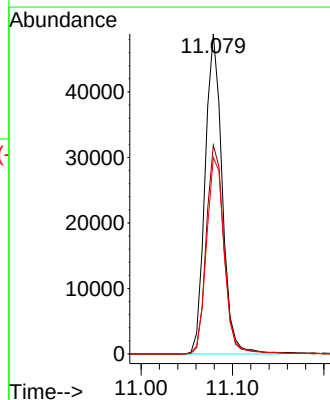
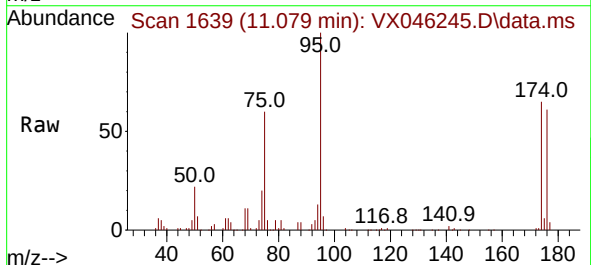
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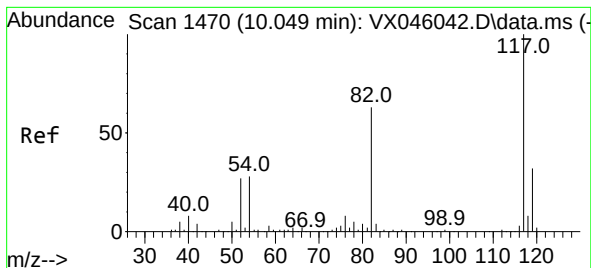
Tgt Ion: 98 Resp: 164985
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046245.D
Acq: 16 May 2025 16:05

Tgt Ion: 95 Resp: 63233
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.2 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: VX046245.D

Acq: 16 May 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

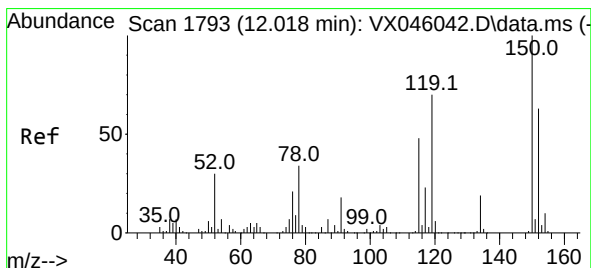
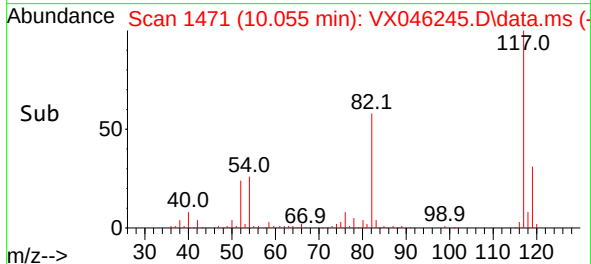
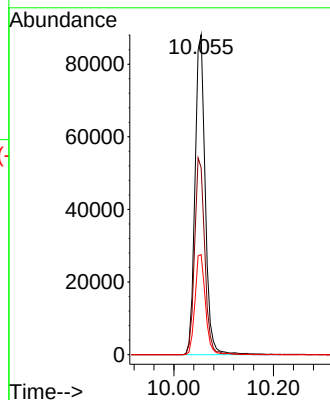
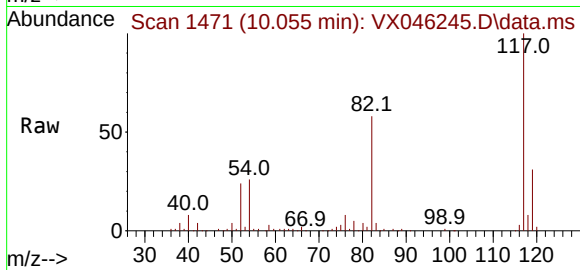
Tgt Ion:117 Resp: 125250

Ion Ratio Lower Upper

117 100

82 58.4 50.6 76.0

119 31.2 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046245.D

Acq: 16 May 2025 16:05

Tgt Ion:152 Resp: 50831

Ion Ratio Lower Upper

152 100

115 66.7 46.9 140.7

150 160.2 0.0 351.0

