

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045987.D
 Acq On : 30 Apr 2025 10:55
 Operator : JC/MD
 Sample : VX0430WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBL01

Quant Time: May 01 03:35:32 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	62274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64126	56.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.620%
35) Dibromofluoromethane	5.379	113	46693	52.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	8.647	98	156289	50.392	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	11.079	95	58679	51.942	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.880%

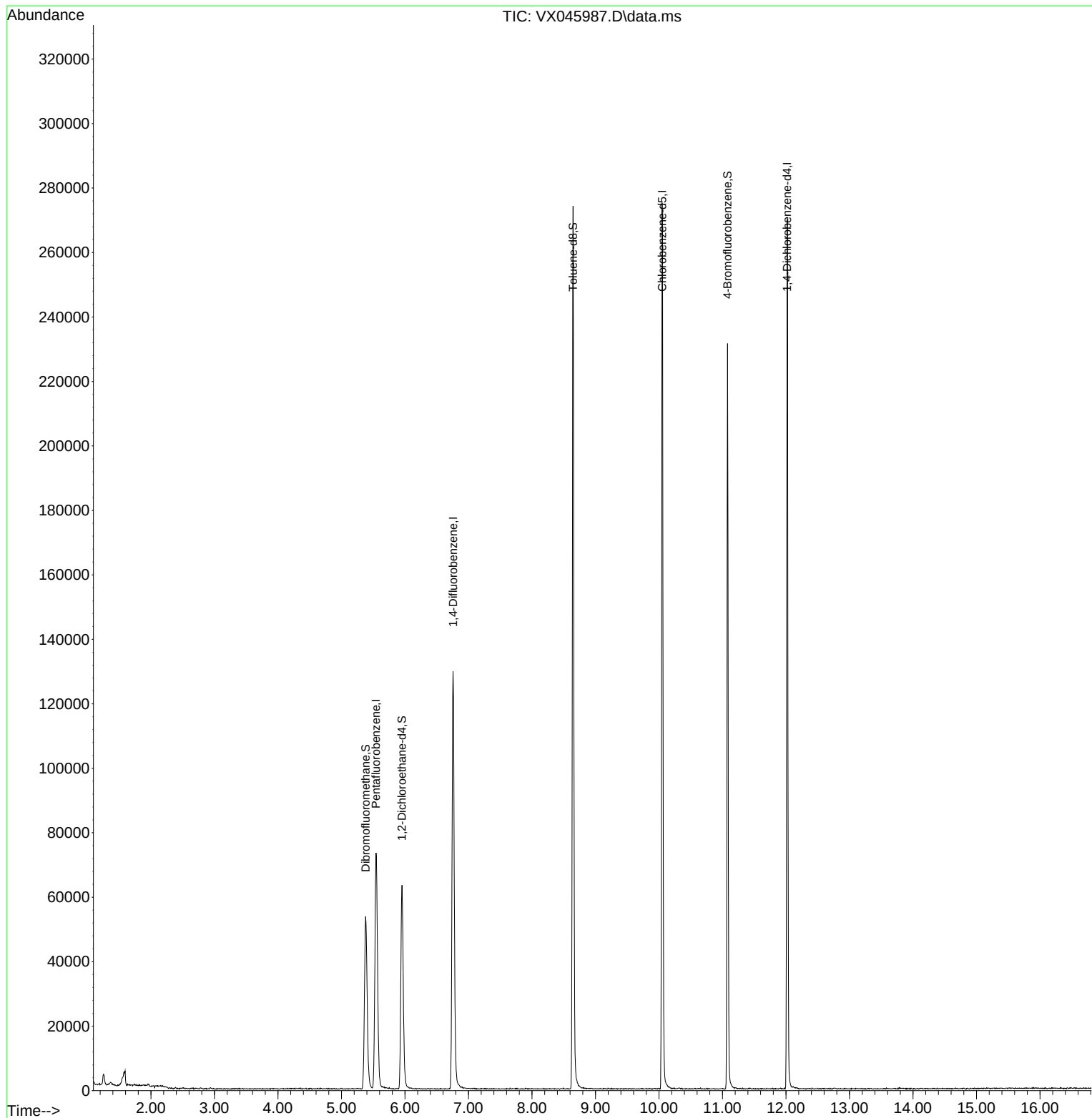
Target Compounds	Qvalue

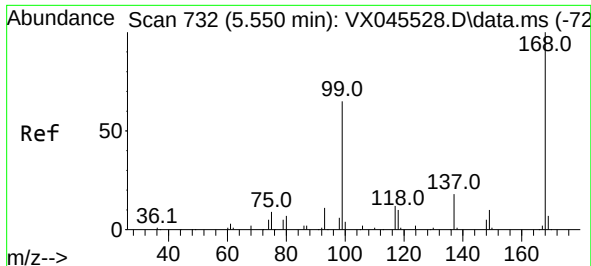
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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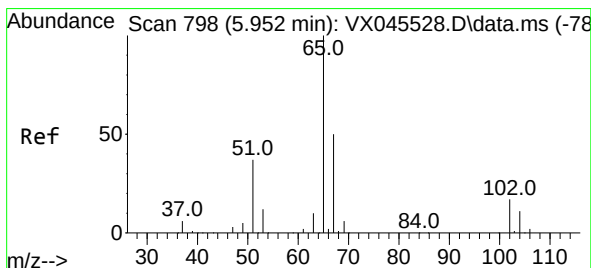
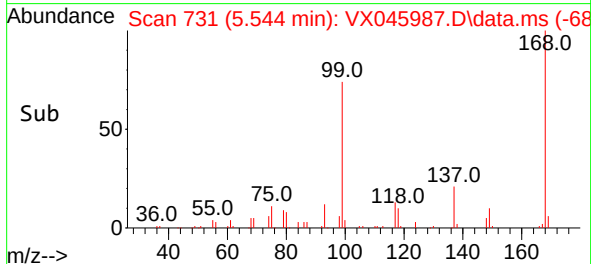
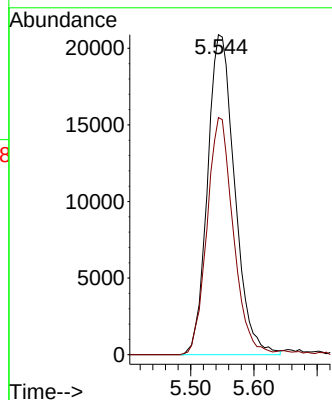
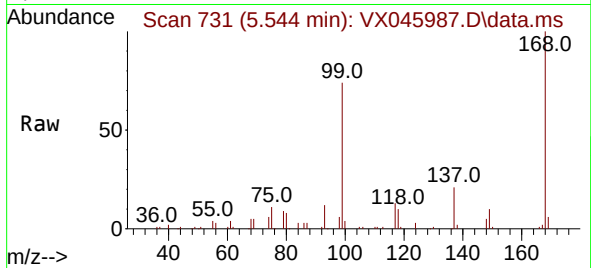




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

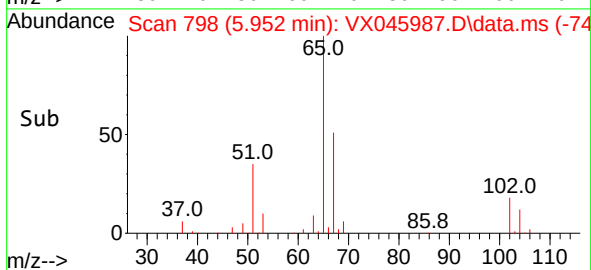
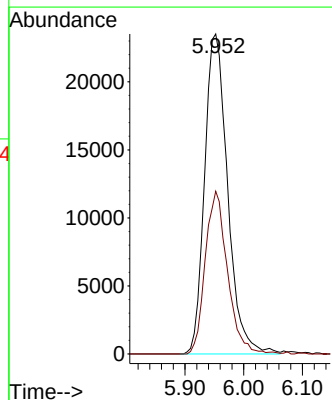
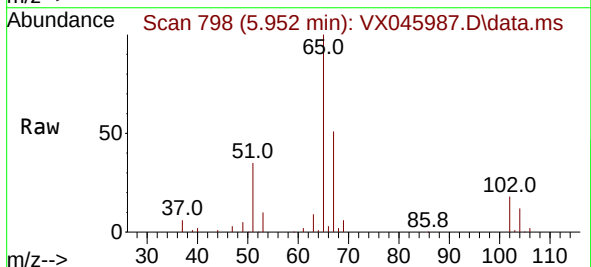
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

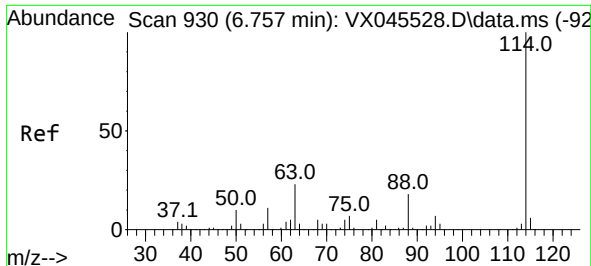
Tgt Ion:168 Resp: 62274
Ion Ratio Lower Upper
168 100
99 74.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 56.309 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 65 Resp: 64126
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

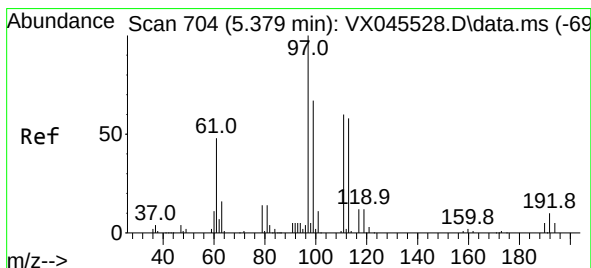
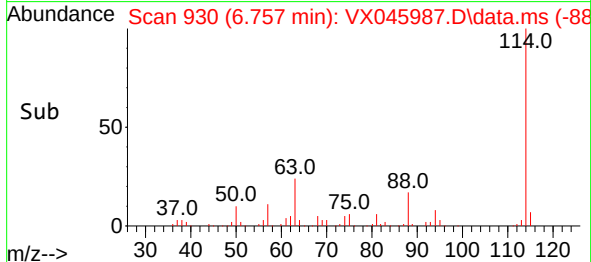
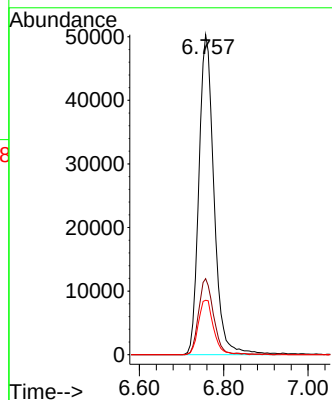
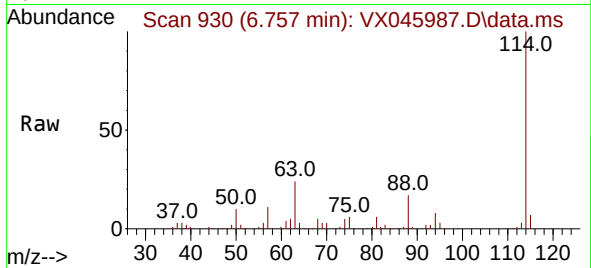




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045987.D
 Acq: 30 Apr 2025 10:55

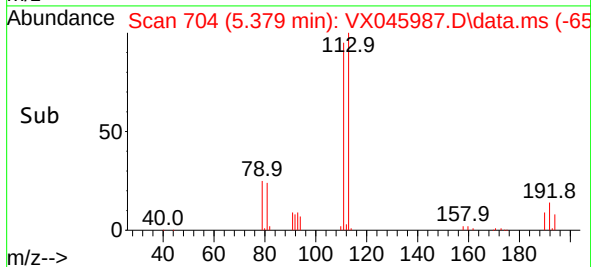
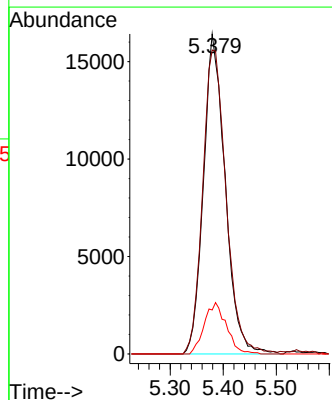
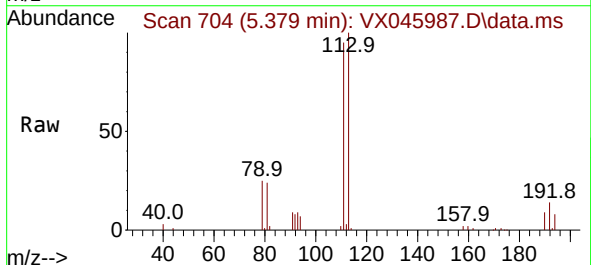
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBL01

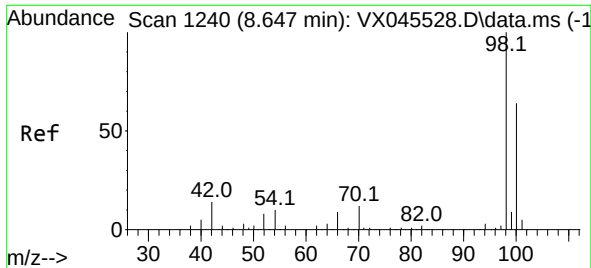
Tgt Ion:114 Resp: 125239
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.8
 88 17.0 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 52.548 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045987.D
 Acq: 30 Apr 2025 10:55

Tgt Ion:113 Resp: 46693
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 16.4 13.8 20.6

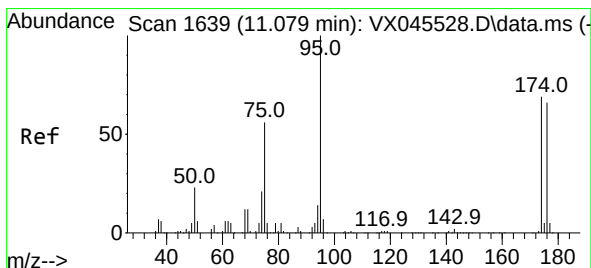
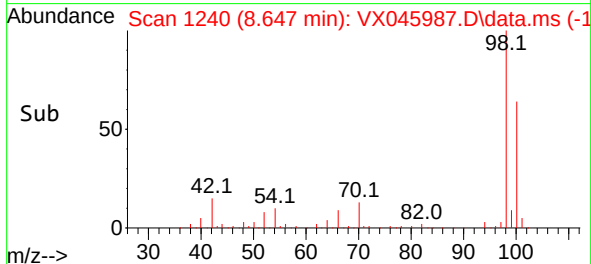
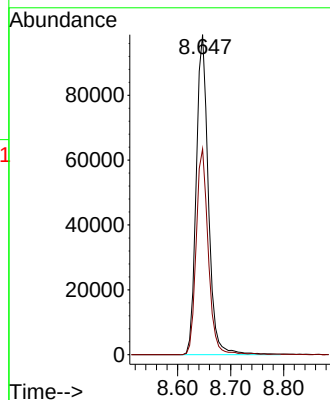
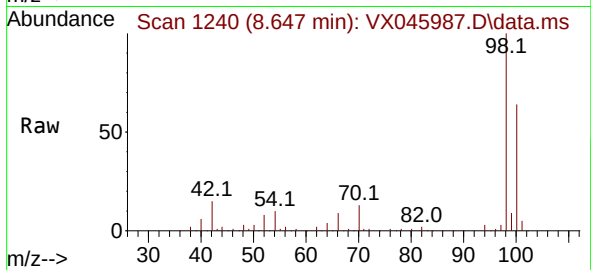




#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

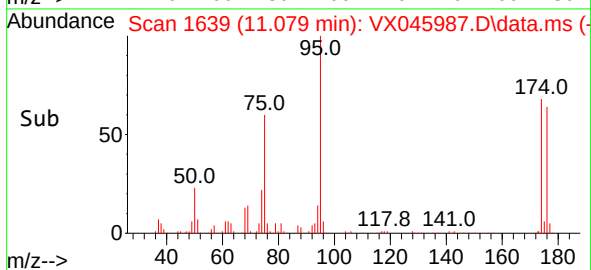
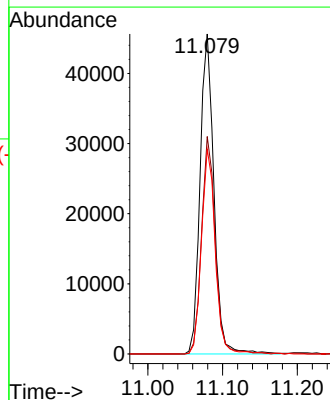
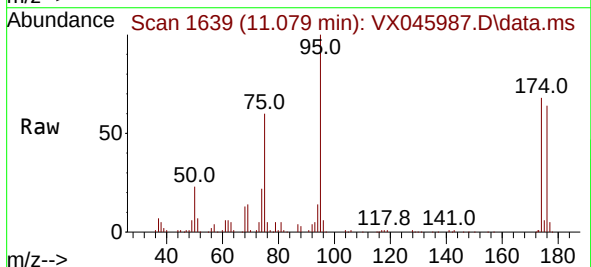
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

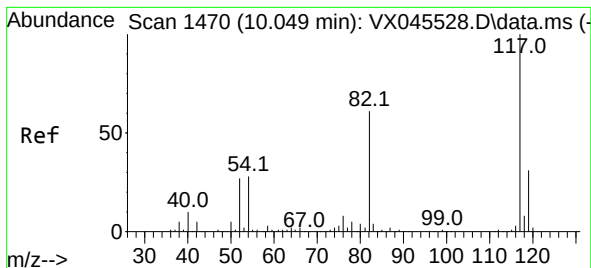
Tgt Ion: 98 Resp: 156289
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 95 Resp: 58679
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 63.7 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: VX045987.D

Acq: 30 Apr 2025 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBL01

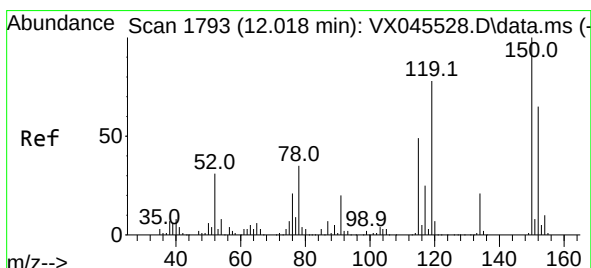
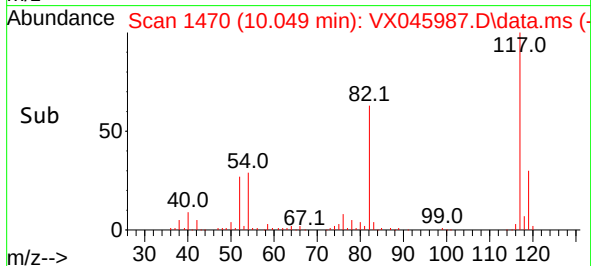
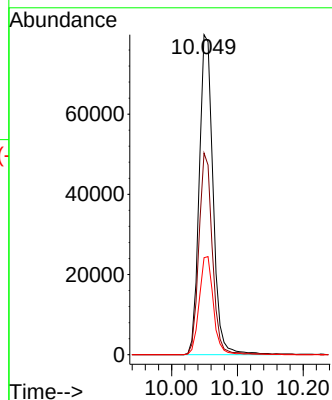
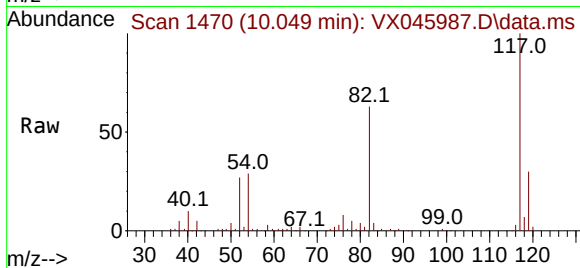
Tgt Ion:117 Resp: 116463

Ion Ratio Lower Upper

117 100

82 63.0 49.2 73.8

119 30.3 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: VX045987.D

Acq: 30 Apr 2025 10:55

Tgt Ion:152 Resp: 49781

Ion Ratio Lower Upper

152 100

115 63.9 46.9 140.7

150 155.8 0.0 349.4

