

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044732.D
 Acq On : 27 Jan 2025 18:23
 Operator : JC/MD
 Sample : Q1180-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Jan 28 04:17:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103047	48.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	5.379	113	89910	50.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	344260	55.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.080%
62) 4-Bromofluorobenzene	11.079	95	121898	52.283	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.560%

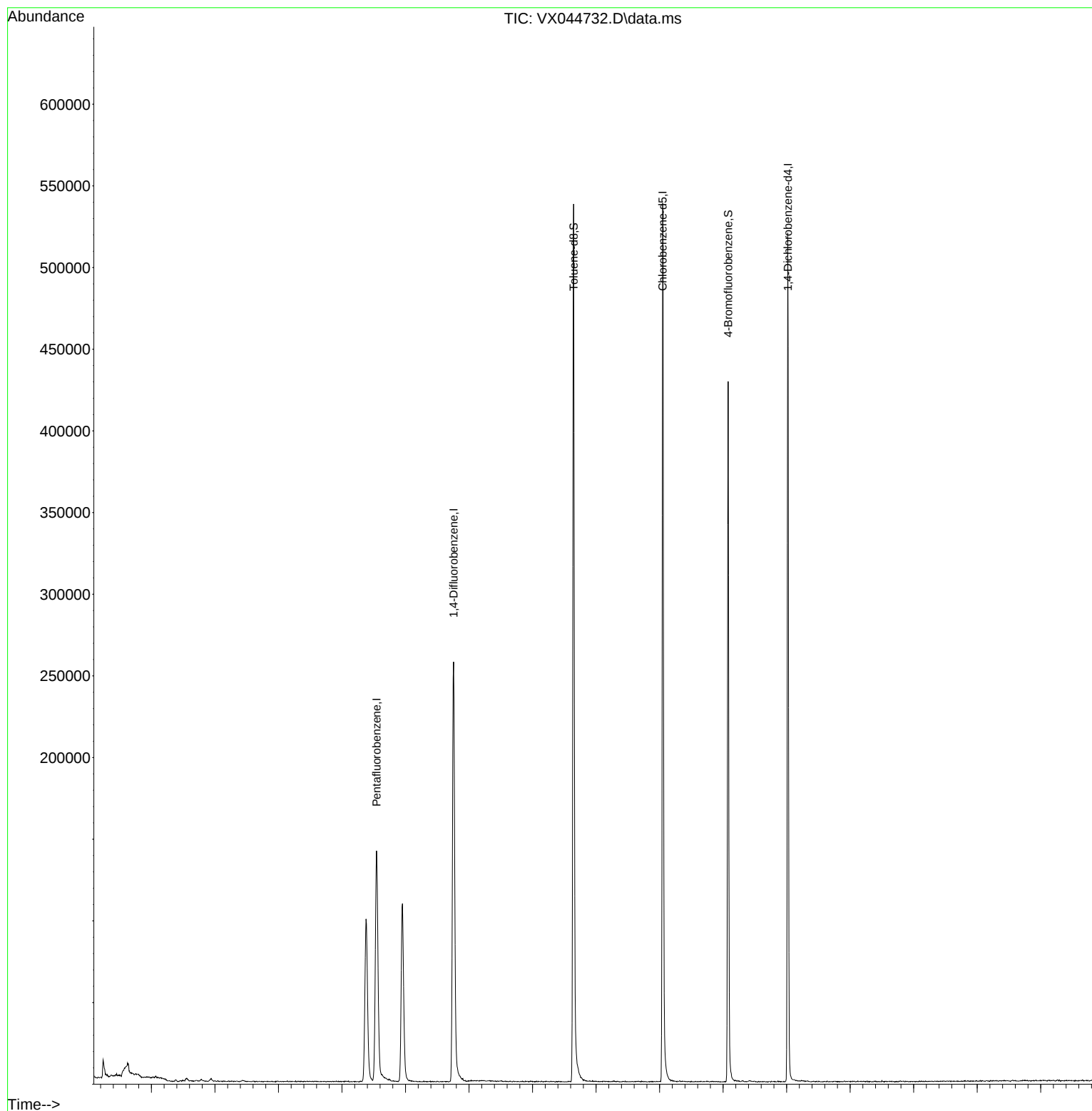
Target Compounds Qvalue

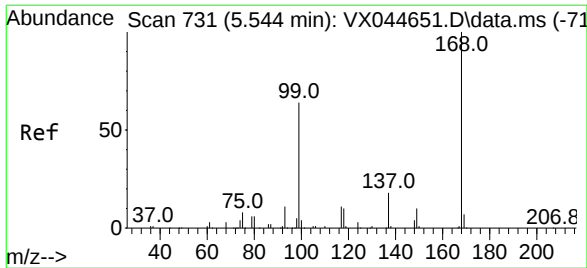
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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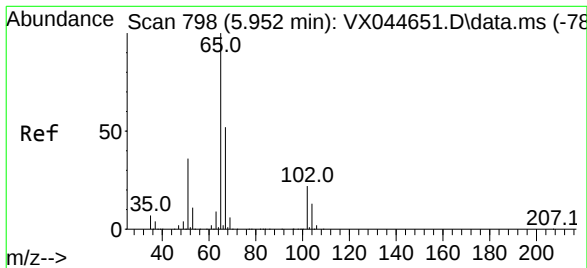
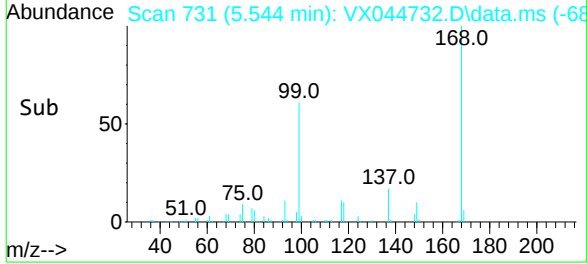
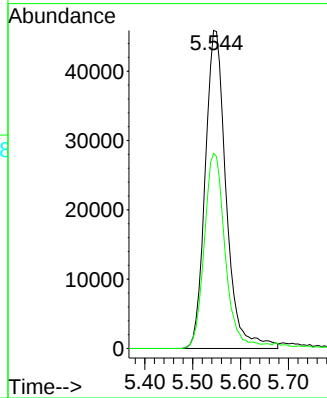
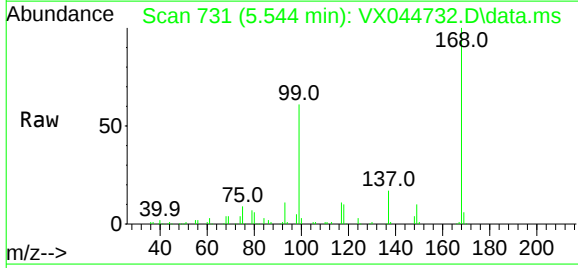




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

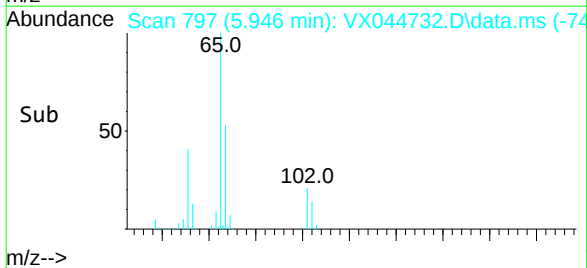
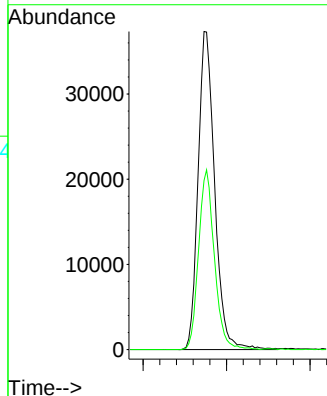
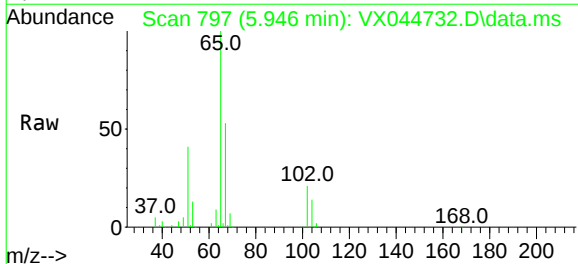
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

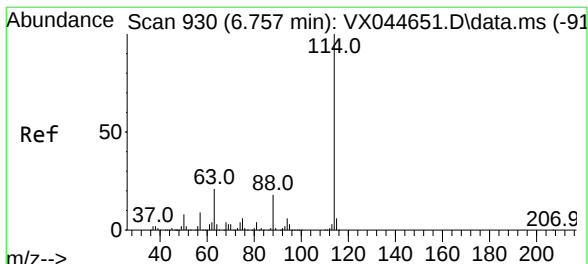
Tgt Ion:168 Resp: 139447
Ion Ratio Lower Upper
168 100
99 61.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.957 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044732.D
Acq: 27 Jan 2025 18:23

Tgt Ion: 65 Resp: 103047
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

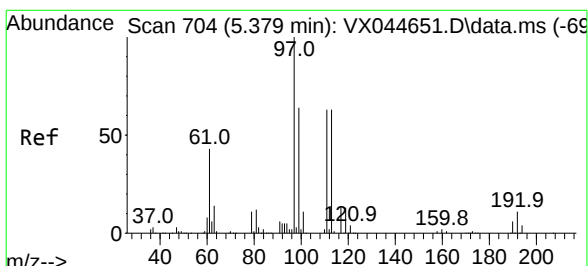
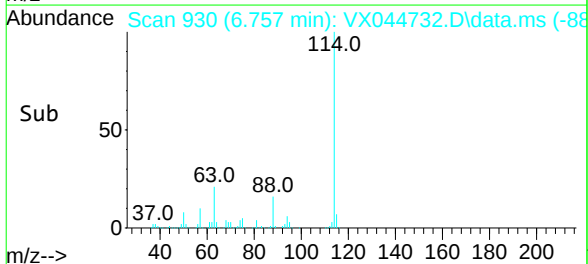
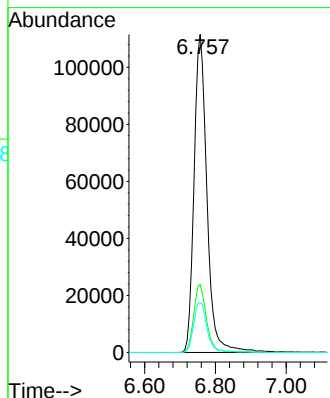
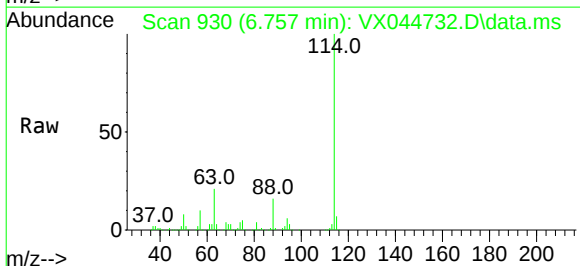
Tgt Ion:114 Resp: 282344

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 15.5 0.0 35.4



#35

Dibromofluoromethane

Concen: 50.126 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

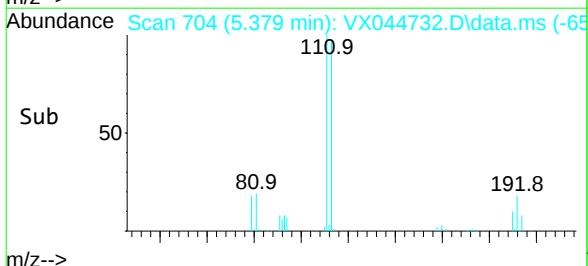
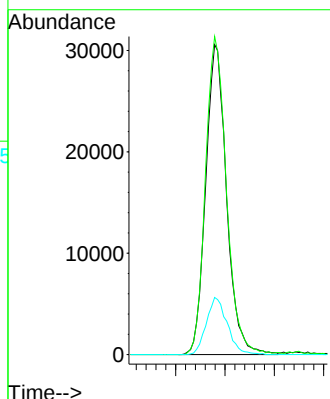
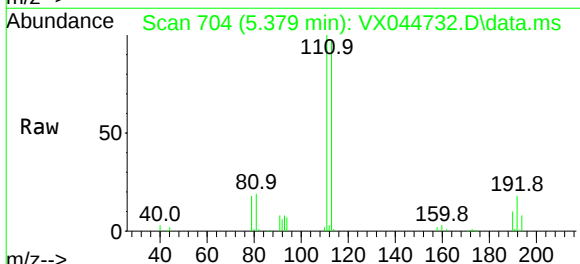
Tgt Ion:113 Resp: 89910

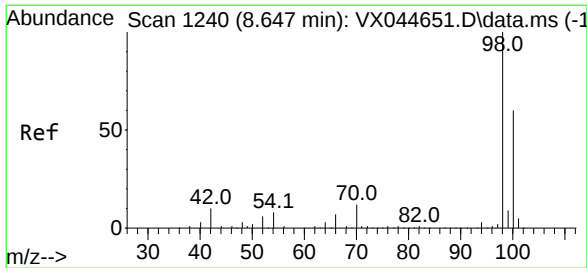
Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

192 18.5 14.4 21.6





#50

Toluene-d8

Concen: 55.044 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

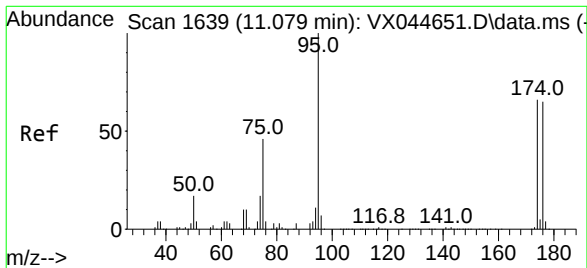
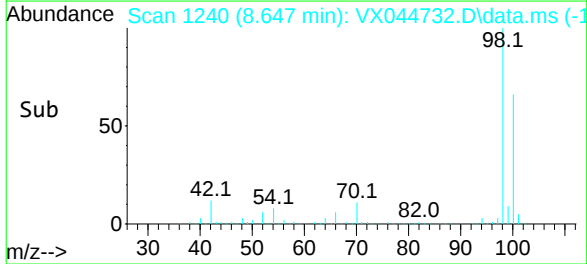
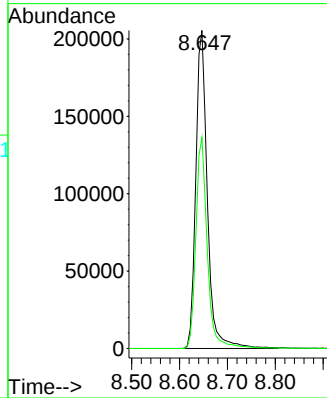
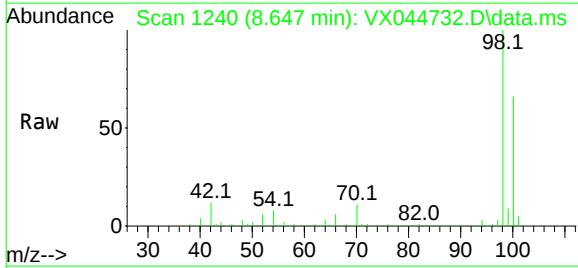
Storage-Blank-WATER-REF-4

Tgt Ion: 98 Resp: 344260

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 52.283 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

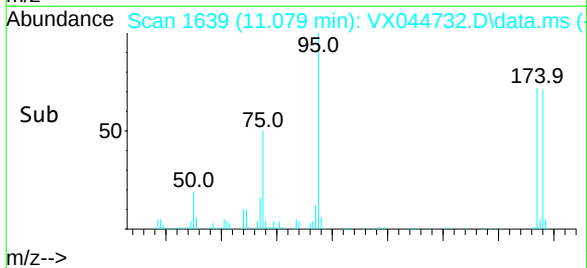
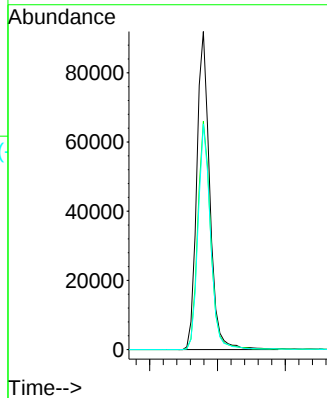
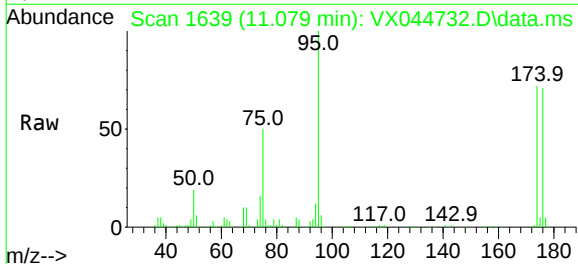
Tgt Ion: 95 Resp: 121898

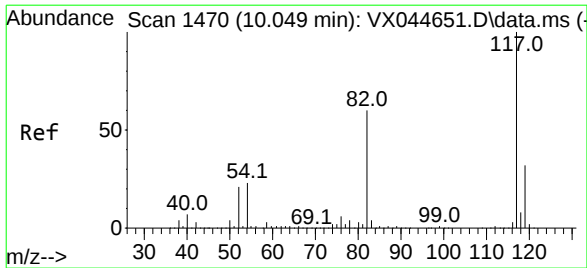
Ion Ratio Lower Upper

95 100

174 70.7 0.0 133.0

176 68.3 0.0 129.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

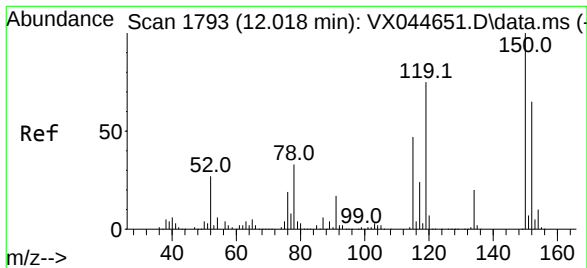
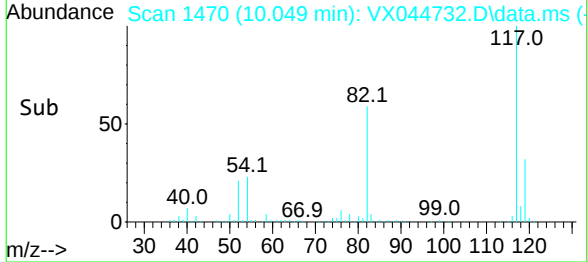
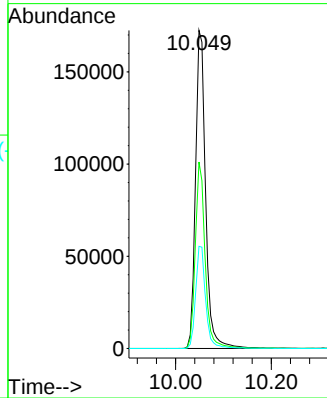
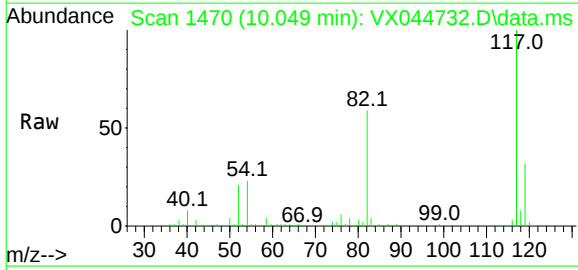
Tgt Ion:117 Resp: 252421

Ion Ratio Lower Upper

117 100

82 58.6 47.6 71.4

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044732.D

Acq: 27 Jan 2025 18:23

Tgt Ion:152 Resp: 105754

Ion Ratio Lower Upper

152 100

115 61.3 43.8 131.4

150 156.9 0.0 347.8

