

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044729.D
 Acq On : 27 Jan 2025 17:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 28 04:15:55 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	131289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	263361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	231694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97095	48.996	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.000%
35) Dibromofluoromethane	5.379	113	84655	50.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	325334	55.768	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.540%
62) 4-Bromofluorobenzene	11.079	95	108637	49.954	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.900%

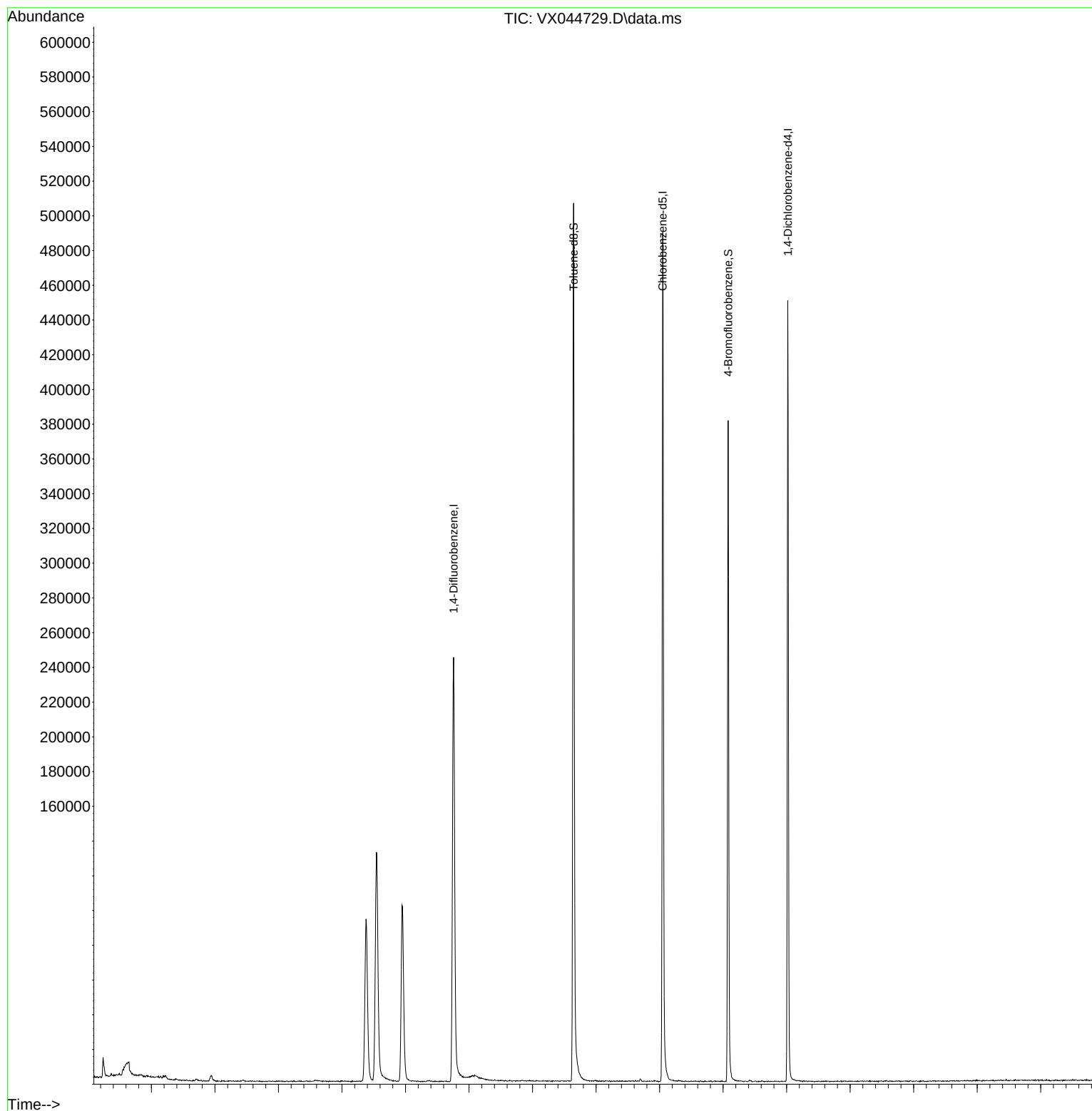
Target Compounds Qvalue

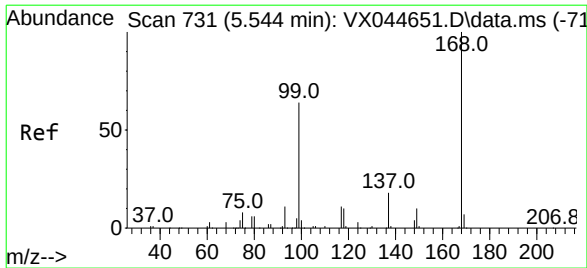
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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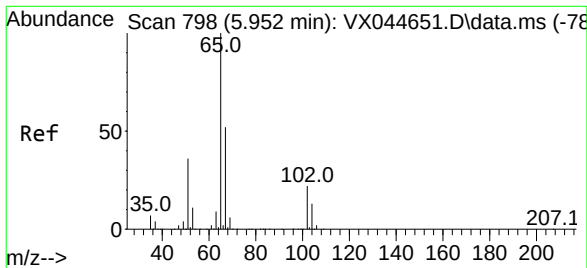
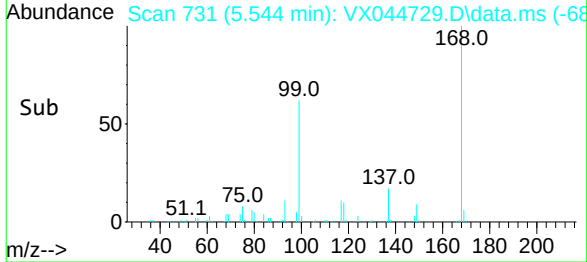
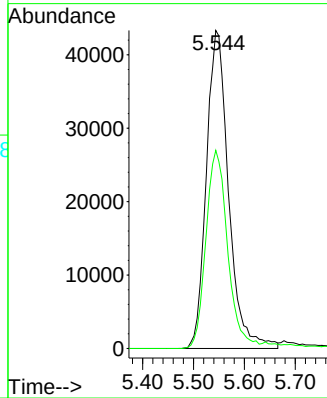
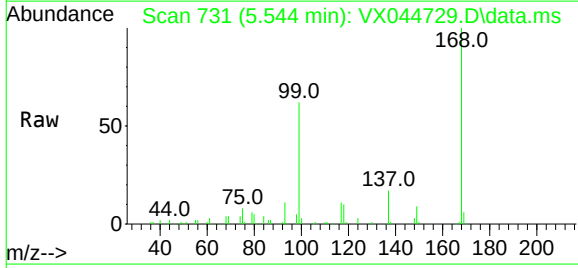




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

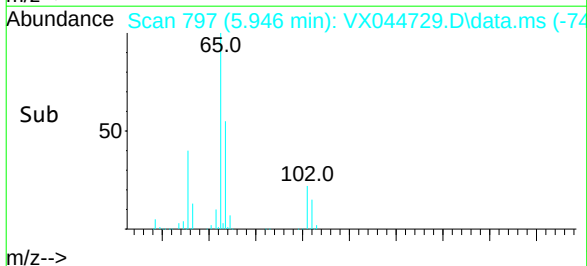
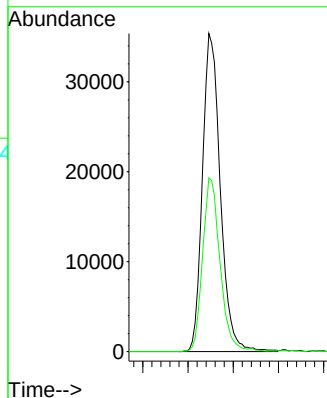
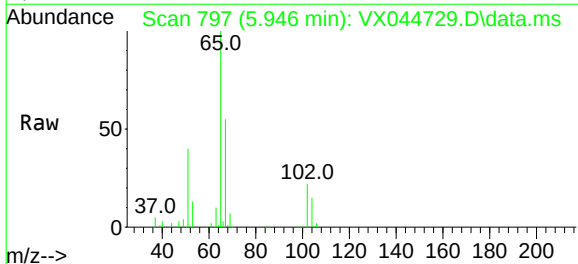
Instrument :
MSVOA_X
ClientSampleId :
IBLK

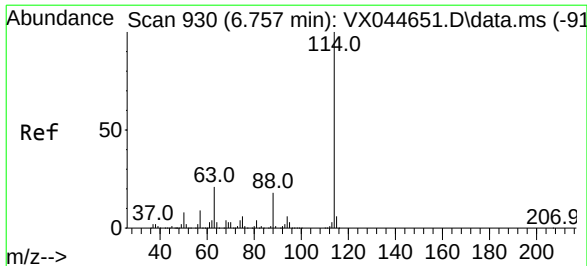
Tgt Ion:168 Resp: 131289
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.996 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion: 65 Resp: 97095
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

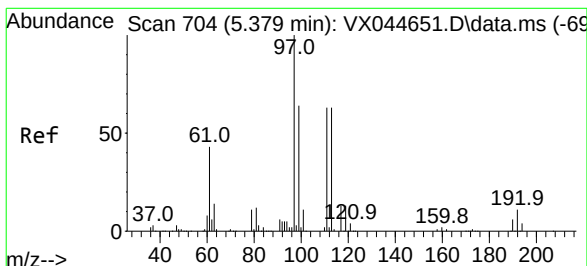
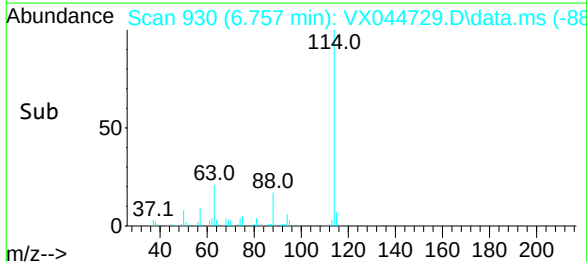
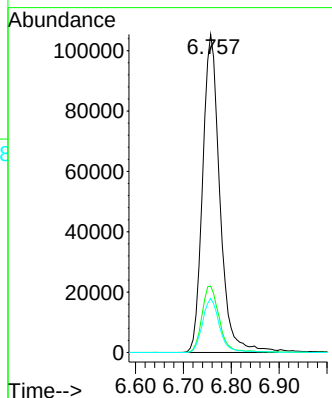
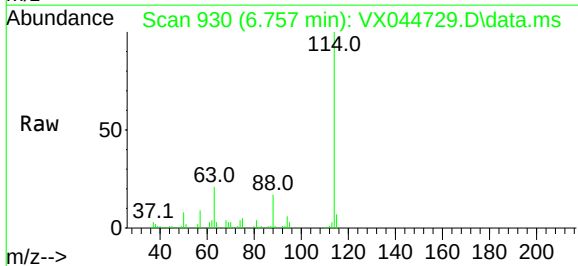




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

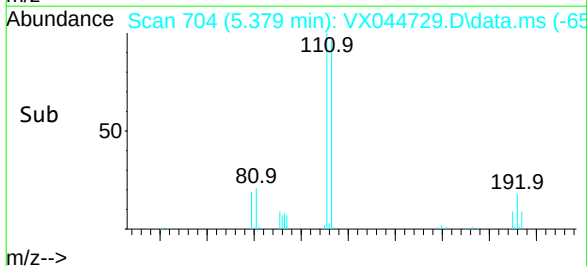
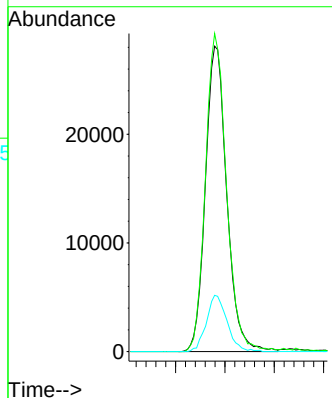
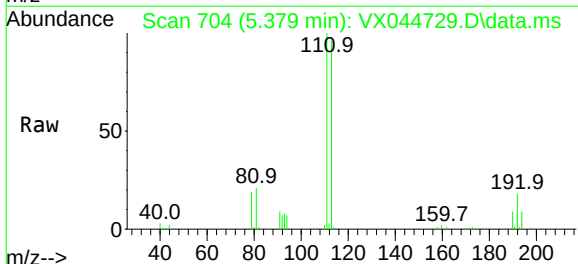
Instrument :
MSVOA_X
ClientSampleId :
IBLK

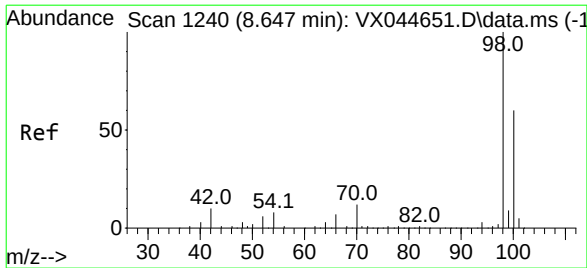
Tgt Ion:114 Resp: 263361
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.0
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044729.D
Acq: 27 Jan 2025 17:14

Tgt Ion:113 Resp: 84655
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 17.9 14.4 21.6





#50

Toluene-d8

Concen: 55.768 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044729.D

Acq: 27 Jan 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

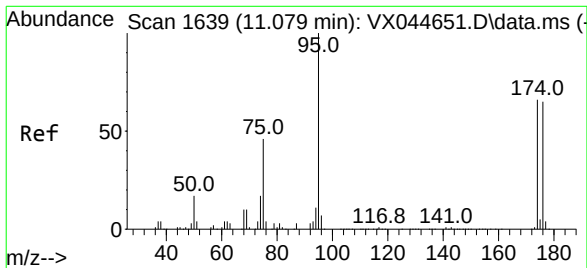
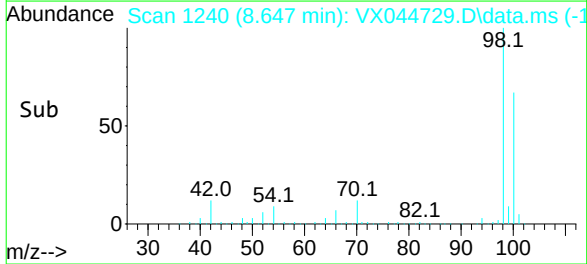
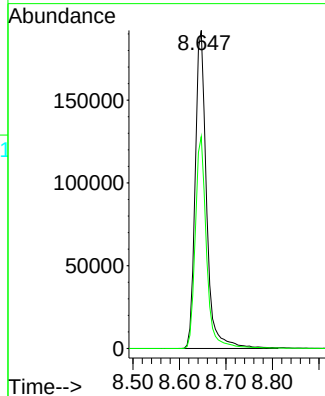
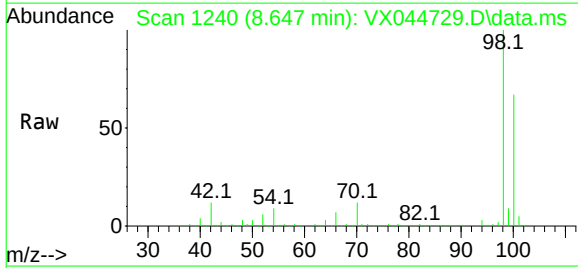
IBLK

Tgt Ion: 98 Resp: 325334

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 49.954 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044729.D

Acq: 27 Jan 2025 17:14

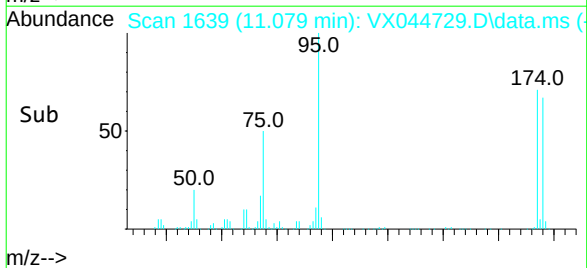
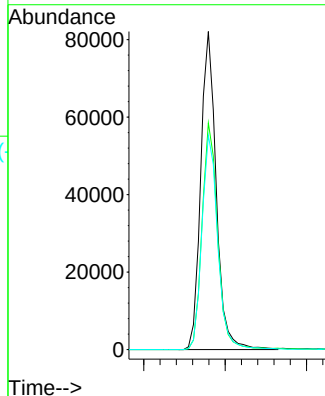
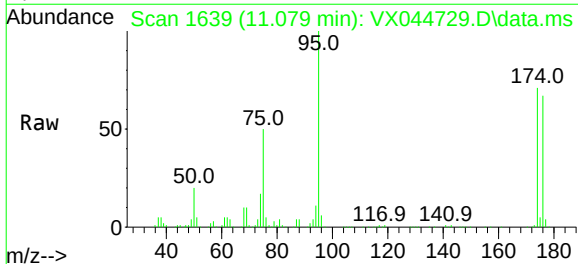
Tgt Ion: 95 Resp: 108637

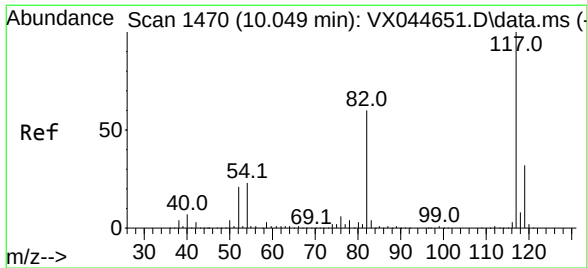
Ion Ratio Lower Upper

95 100

174 71.6 0.0 133.0

176 68.9 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: VX044729.D

Acq: 27 Jan 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

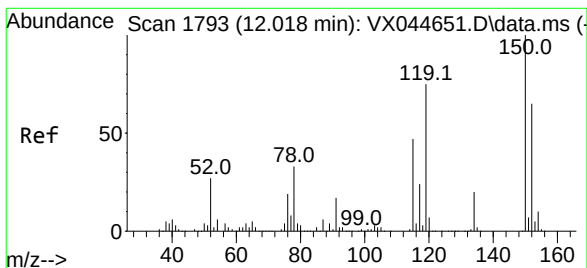
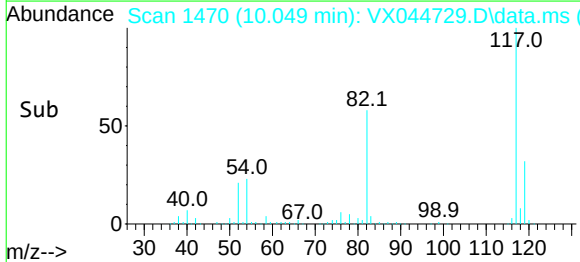
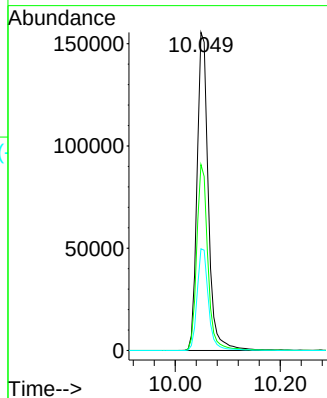
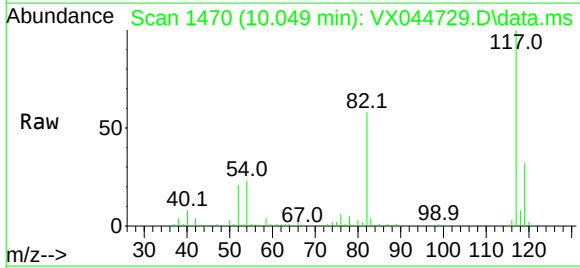
Tgt Ion:117 Resp: 231694

Ion Ratio Lower Upper

117 100

82 58.4 47.6 71.4

119 32.0 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: VX044729.D

Acq: 27 Jan 2025 17:14

Tgt Ion:152 Resp: 91155

Ion Ratio Lower Upper

152 100

115 62.0 43.8 131.4

150 156.2 0.0 347.8

