

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044617.D
 Acq On : 08 Jan 2025 10:54
 Operator : JC/MD
 Sample : VX0108WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBL01

Quant Time: Jan 09 00:25:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	192485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	347122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	308423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	150386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	159506	51.394	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.780%		
35) Dibromofluoromethane	5.379	113	114611	48.151	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.300%		
50) Toluene-d8	8.647	98	413789	50.894	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.780%		
62) 4-Bromofluorobenzene	11.079	95	157079	54.736	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.480%		

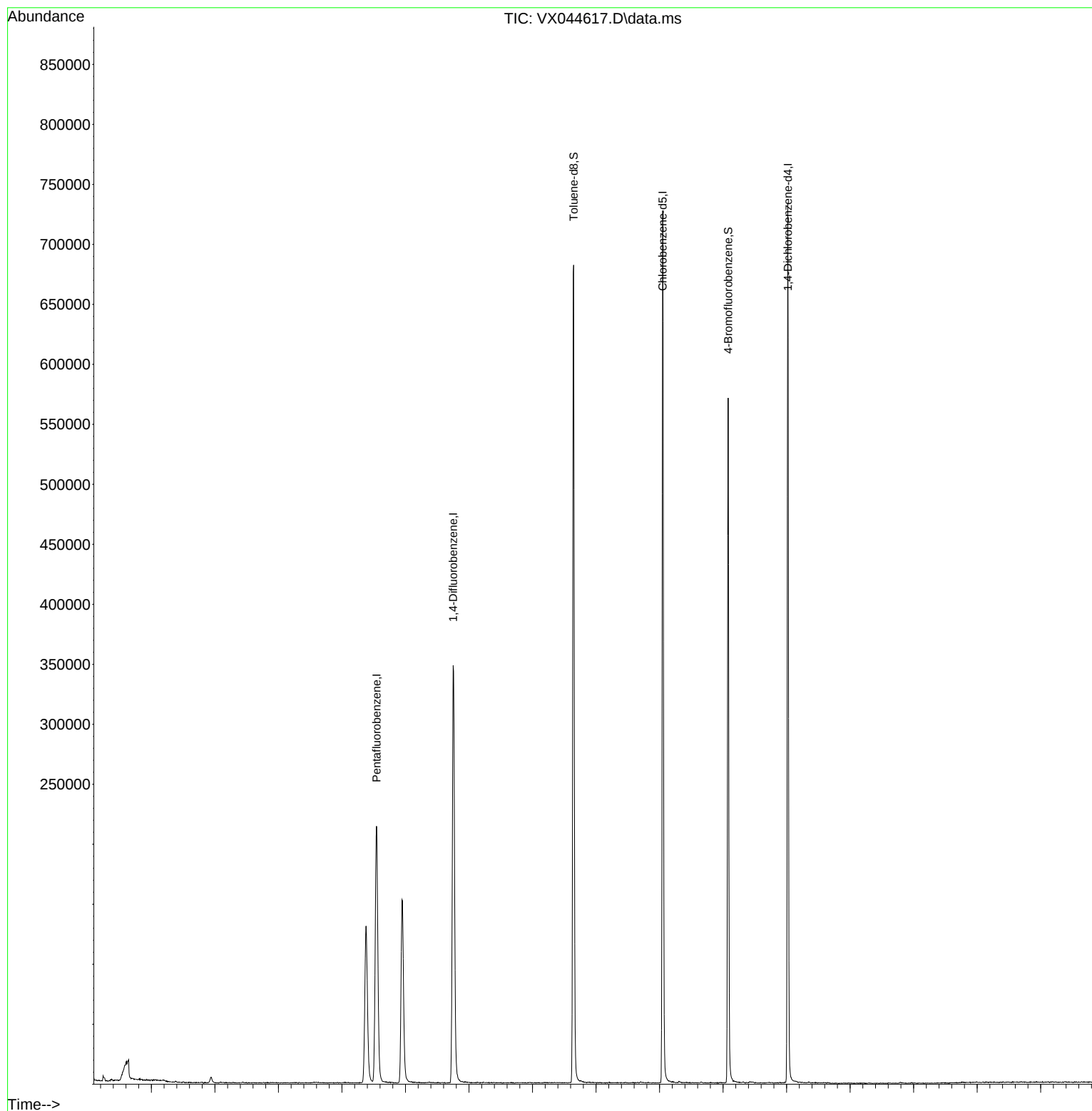
Target Compounds Qvalue

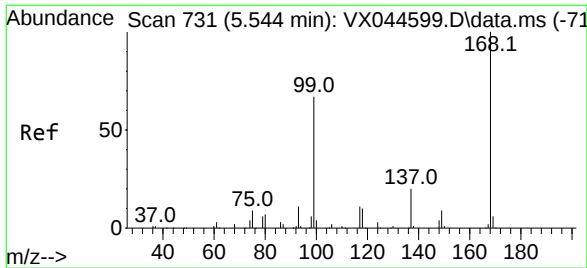
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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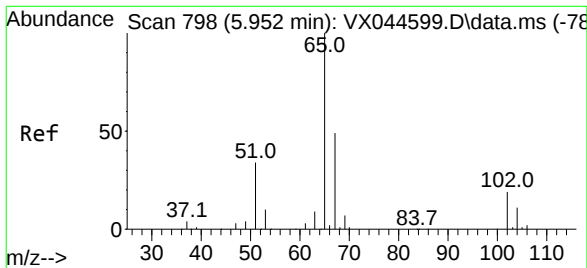
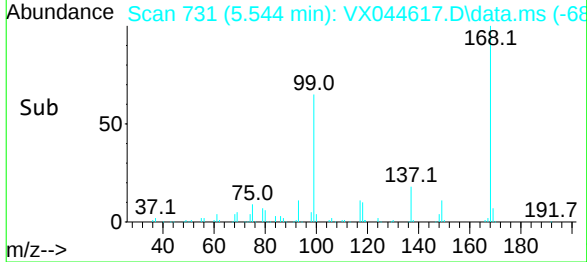
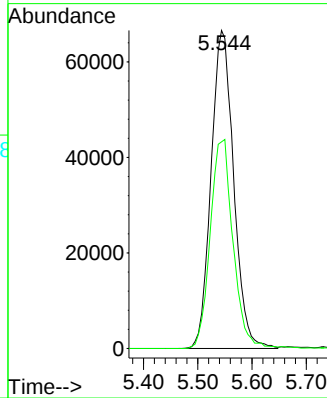
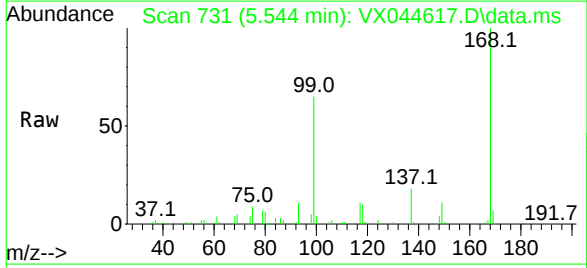




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

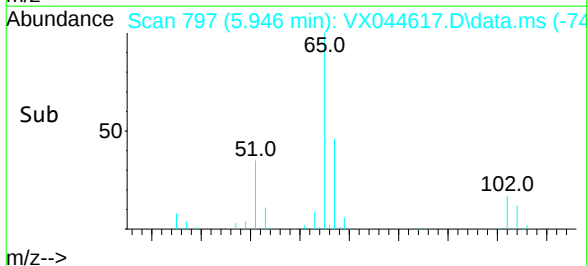
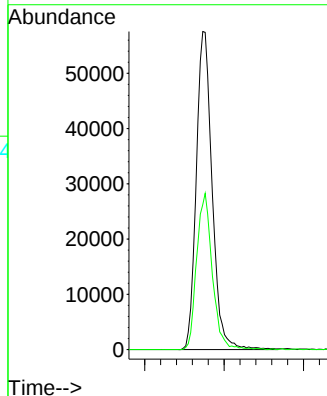
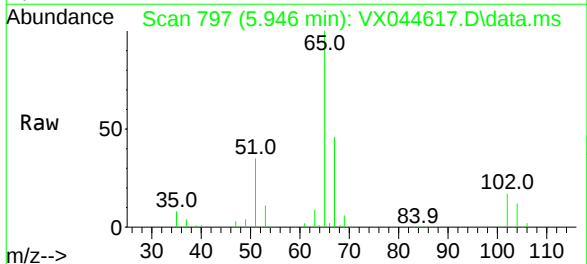
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

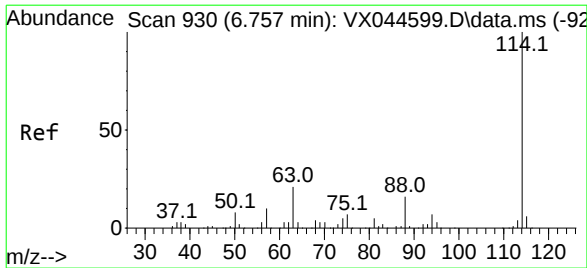
Tgt Ion:168 Resp: 192485
Ion Ratio Lower Upper
168 100
99 65.0 53.5 80.3



#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion: 65 Resp: 159506
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

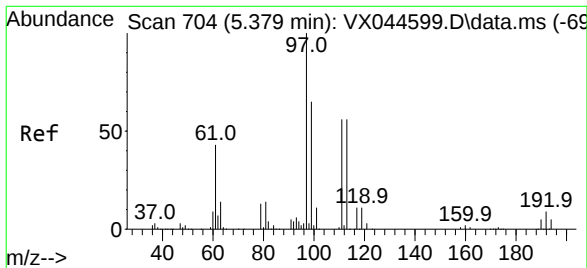
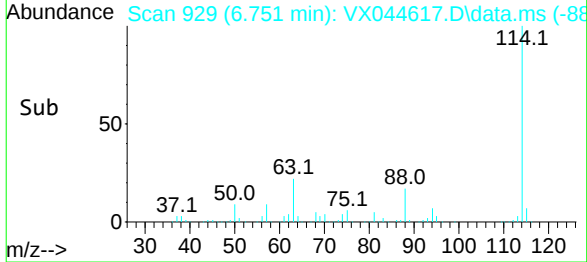
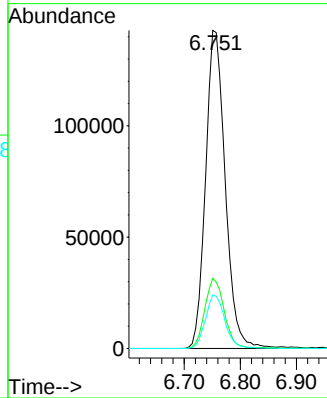
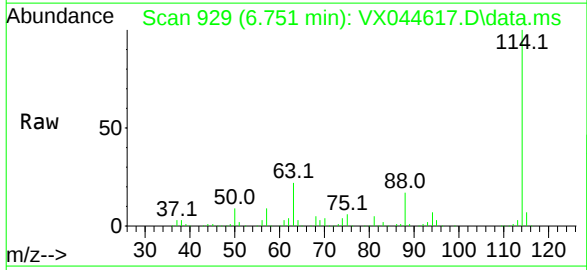




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 92
Delta R.T. -0.006 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

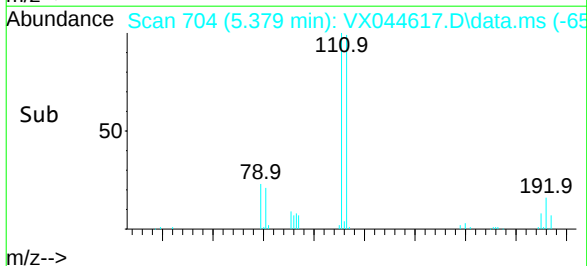
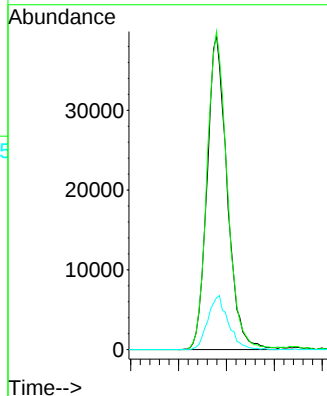
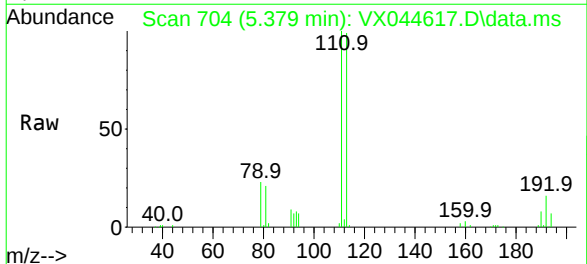
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

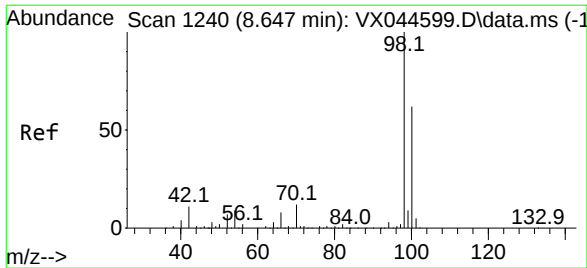
Tgt Ion:114 Resp: 347122
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.6
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.151 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044617.D
Acq: 08 Jan 2025 10:54

Tgt Ion:113 Resp: 114611
Ion Ratio Lower Upper
113 100
111 102.0 83.3 124.9
192 17.5 14.3 21.5





#50

Toluene-d8

Concen: 50.894 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044617.D

Acq: 08 Jan 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

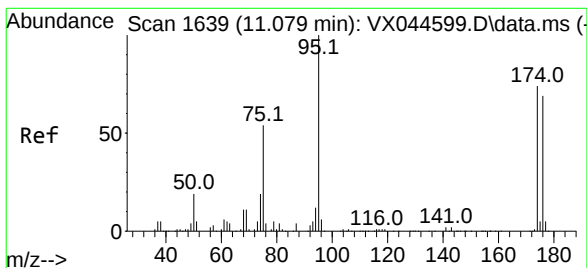
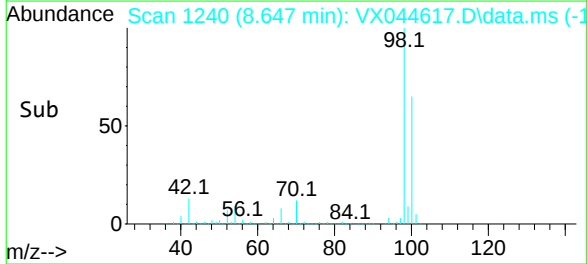
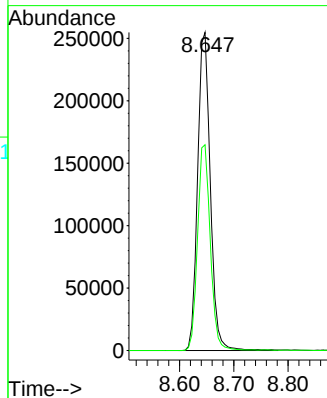
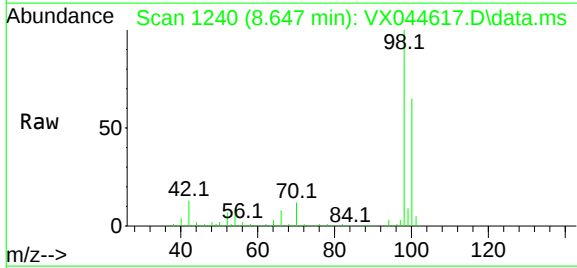
VX0108WBL01

Tgt Ion: 98 Resp: 413789

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 54.736 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044617.D

Acq: 08 Jan 2025 10:54

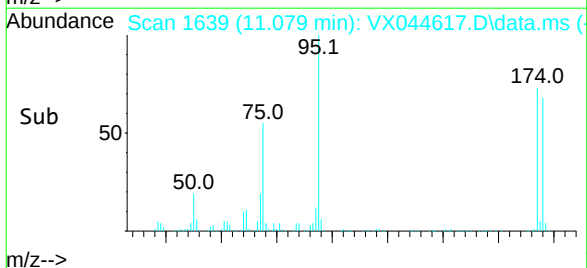
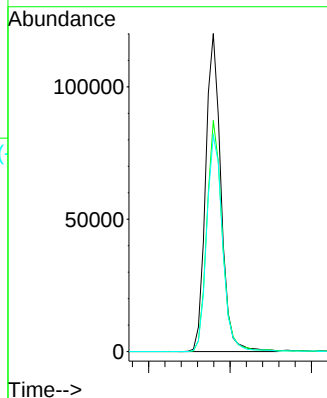
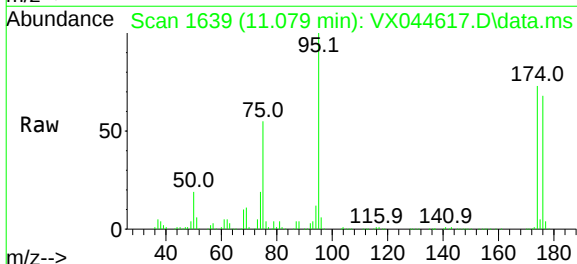
Tgt Ion: 95 Resp: 157079

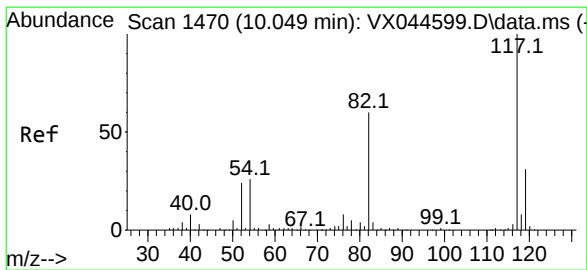
Ion Ratio Lower Upper

95 100

174 73.1 0.0 148.8

176 70.4 0.0 139.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044617.D

Acq: 08 Jan 2025 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBL01

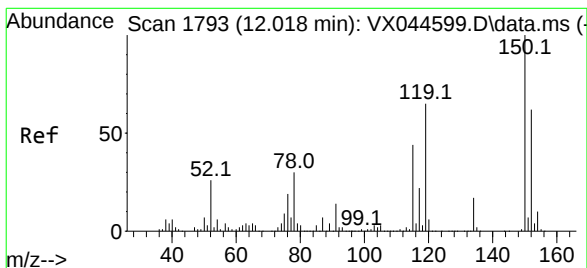
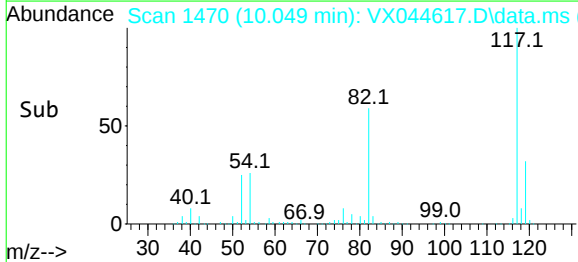
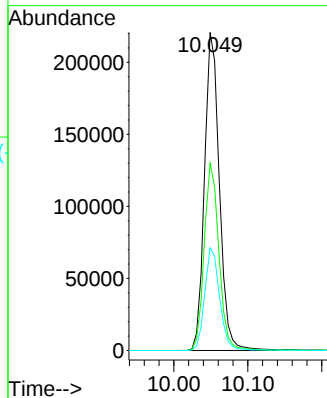
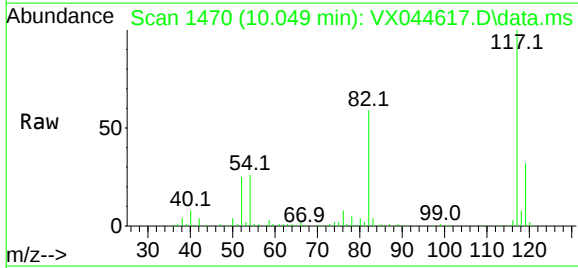
Tgt Ion:117 Resp: 308423

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.6

119 32.3 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044617.D

Acq: 08 Jan 2025 10:54

Tgt Ion:152 Resp: 150386

Ion Ratio Lower Upper

152 100

115 62.2 44.4 133.1

150 155.2 0.0 355.0

