

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045968.D
 Acq On : 28 Apr 2025 19:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 29 01:36:53 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	5.550	168	63077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63987	55.471	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	5.379	113	45972	51.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.380%
50) Toluene-d8	8.647	98	158422	51.036	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	11.079	95	60225	53.264	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.520%

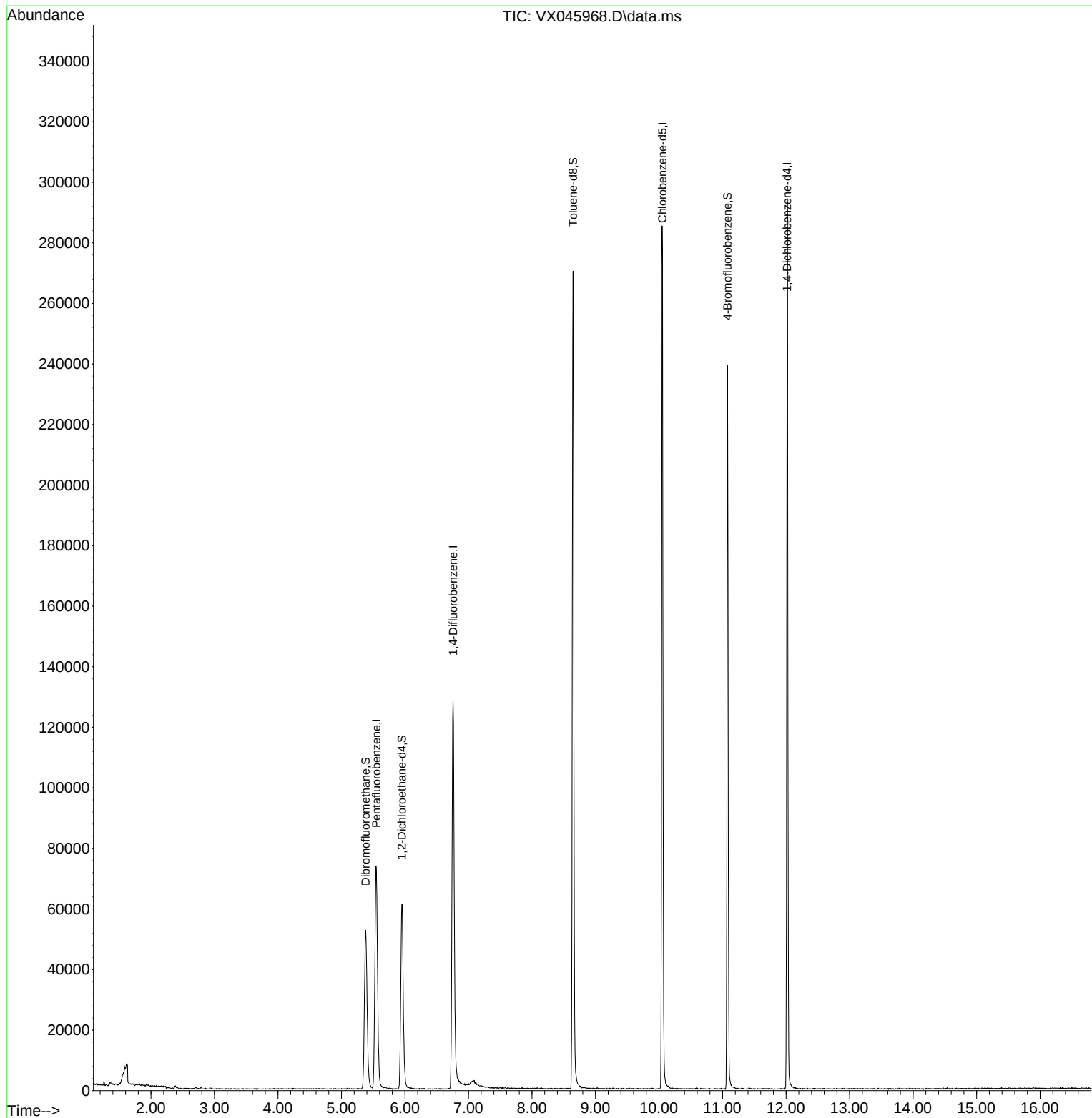
Target Compounds	Qvalue

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

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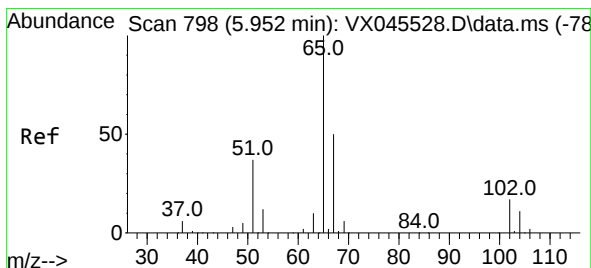
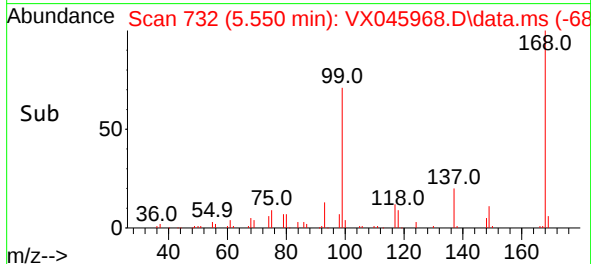
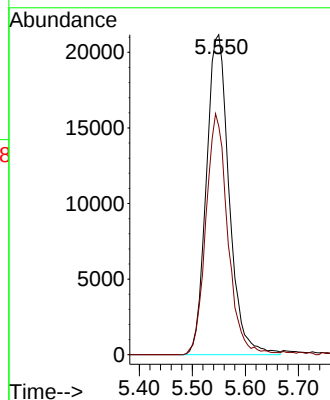
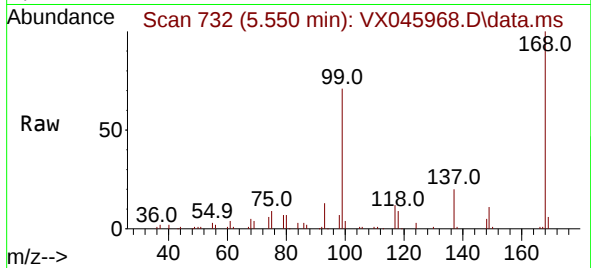




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

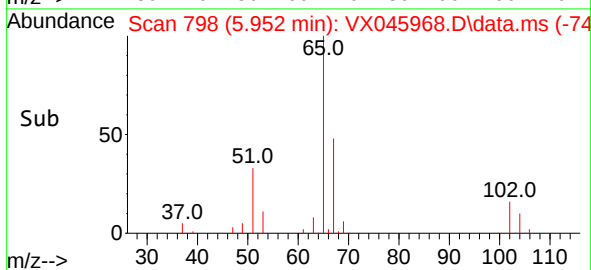
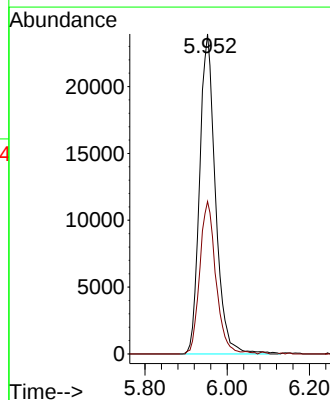
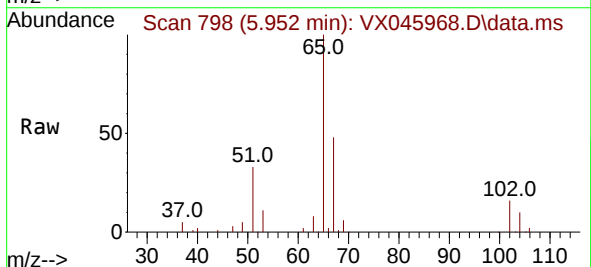
Instrument :
MSVOA_X
ClientSampleId :
IBLK

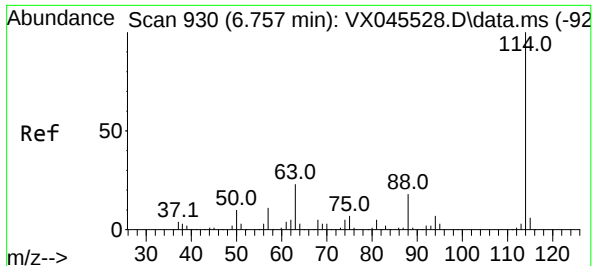
Tgt Ion:168 Resp: 63077
Ion Ratio Lower Upper
168 100
99 71.4 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.471 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion: 65 Resp: 63987
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

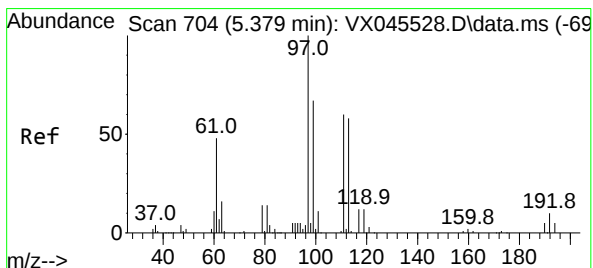
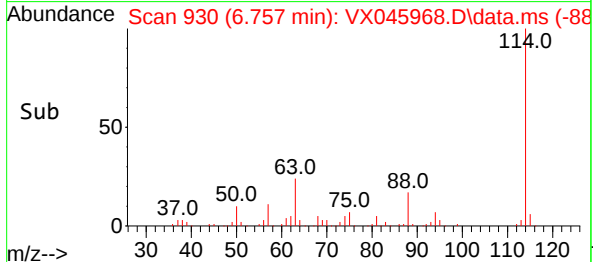
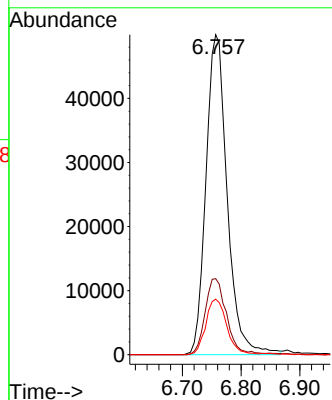
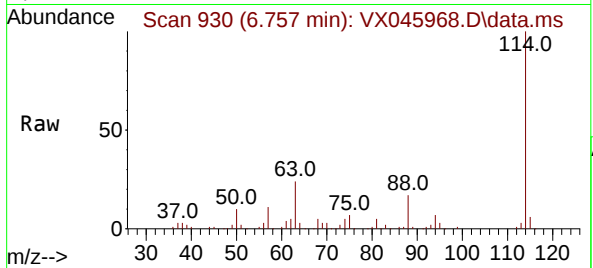




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

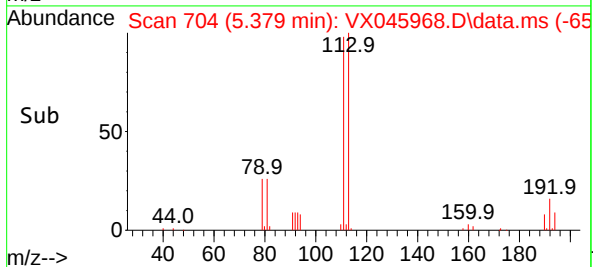
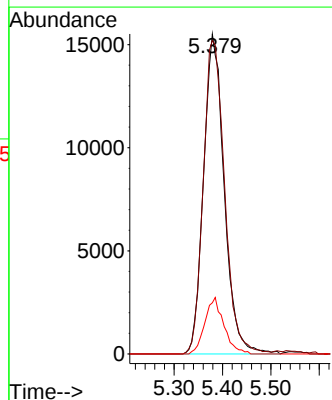
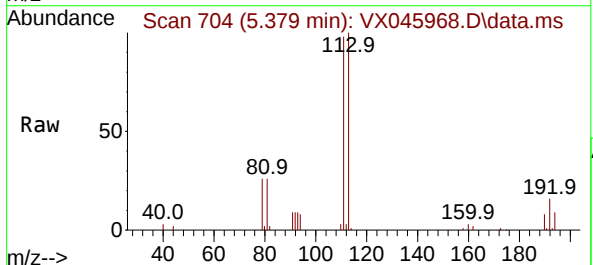
Instrument :
MSVOA_X
ClientSampleId :
IBLK

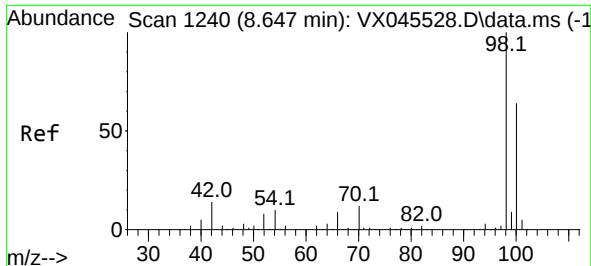
Tgt Ion:114 Resp: 125347
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045968.D
Acq: 28 Apr 2025 19:42

Tgt Ion:113 Resp: 45972
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.3 13.8 20.6





#50

Toluene-d8

Concen: 51.036 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045968.D

Acq: 28 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

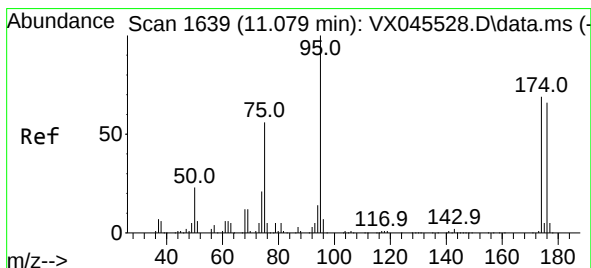
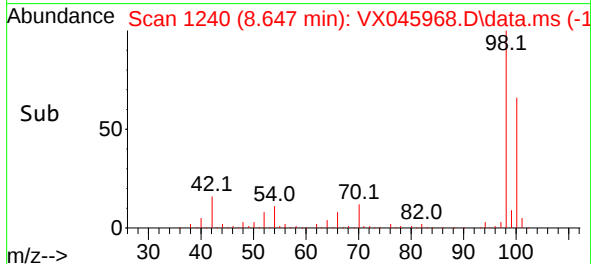
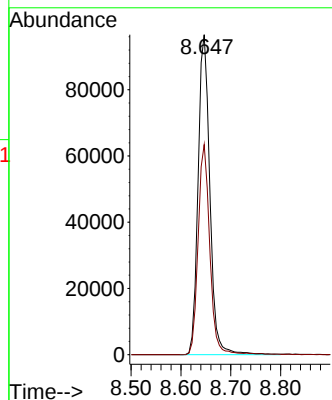
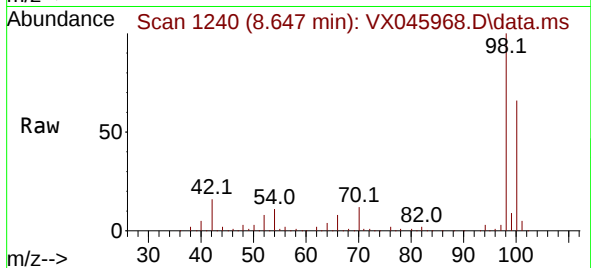
IBLK

Tgt Ion: 98 Resp: 158422

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 53.264 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045968.D

Acq: 28 Apr 2025 19:42

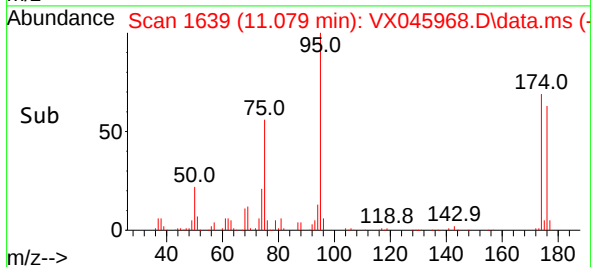
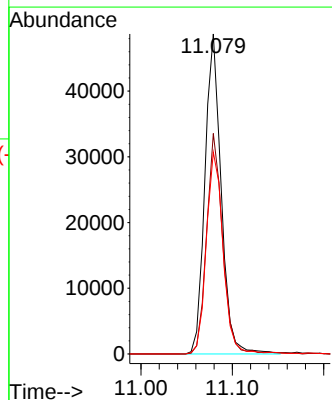
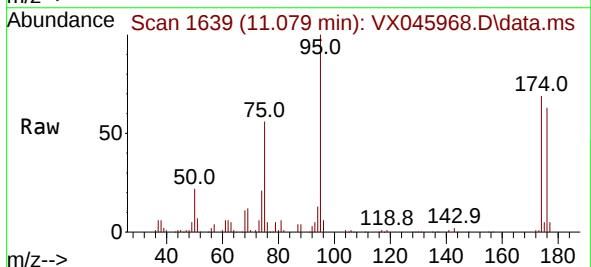
Tgt Ion: 95 Resp: 60225

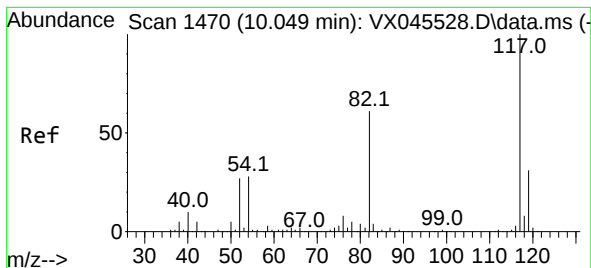
Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.8

176 65.1 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: VX045968.D

Acq: 28 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

IBLK

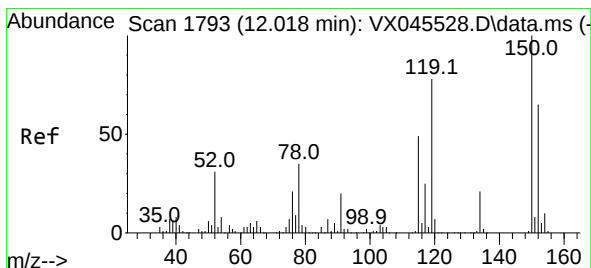
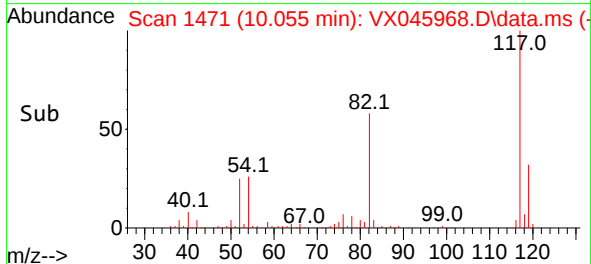
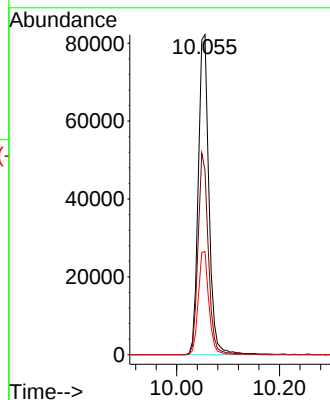
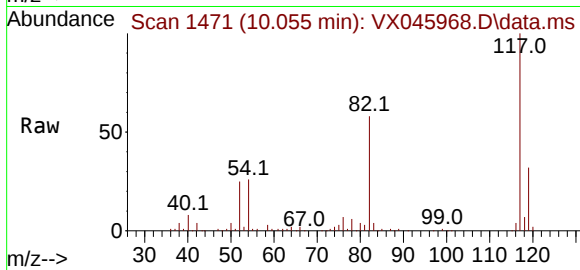
Tgt Ion:117 Resp: 118787

Ion Ratio Lower Upper

117 100

82 57.6 49.2 73.8

119 32.2 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: VX045968.D

Acq: 28 Apr 2025 19:42

Tgt Ion:152 Resp: 52185

Ion Ratio Lower Upper

152 100

115 63.8 46.9 140.7

150 155.4 0.0 349.4

