

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045376.D
 Acq On : 21 Mar 2025 10:29
 Operator : JC/MD
 Sample : VX0321MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321MBL01

Quant Time: Mar 21 23:10:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	66692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	60210	56.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.520%
35) Dibromofluoromethane	5.379	113	46150	53.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	8.647	98	162533	51.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.560%
62) 4-Bromofluorobenzene	11.079	95	53630	51.561	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.120%

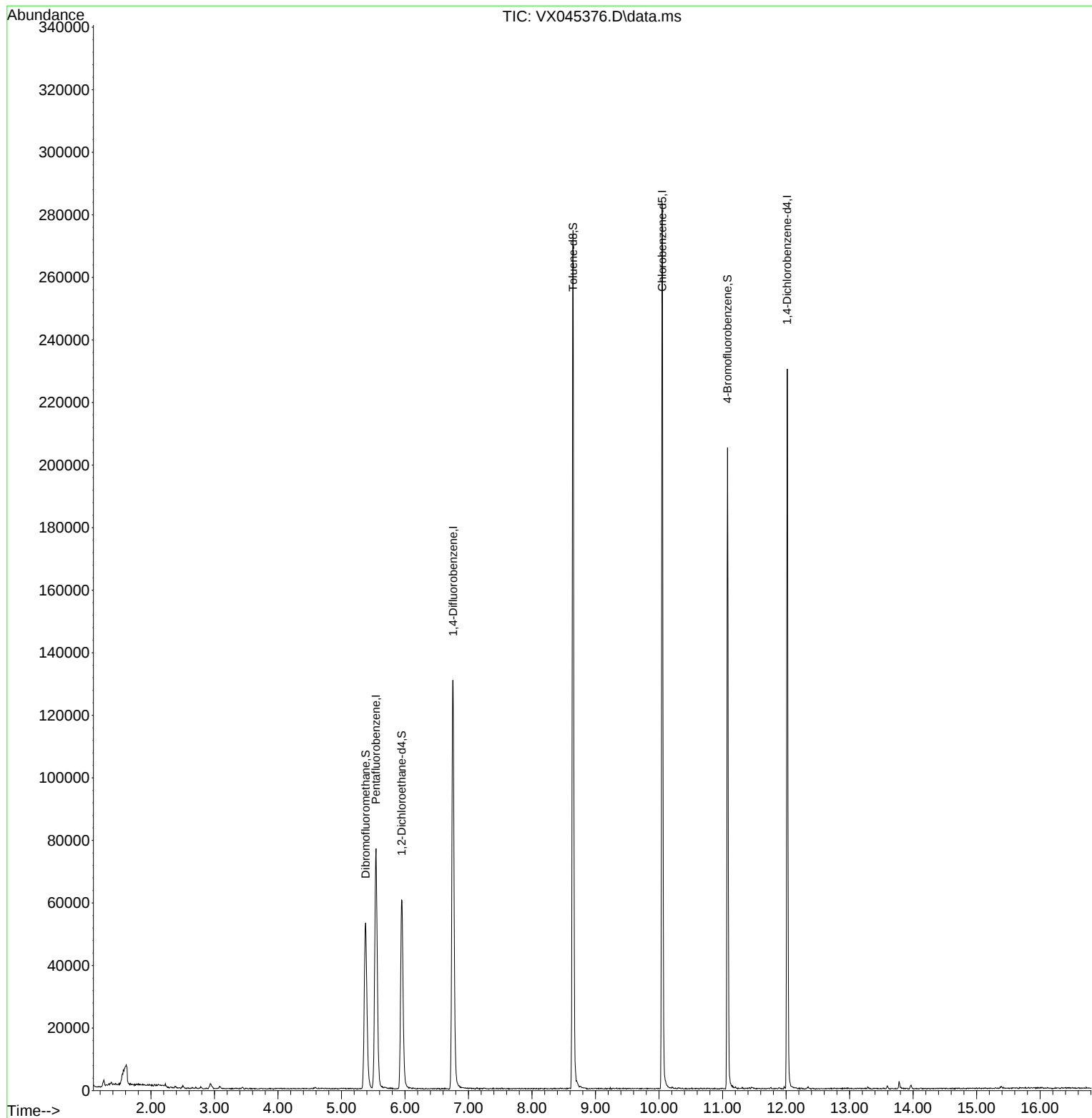
Target Compounds	Qvalue

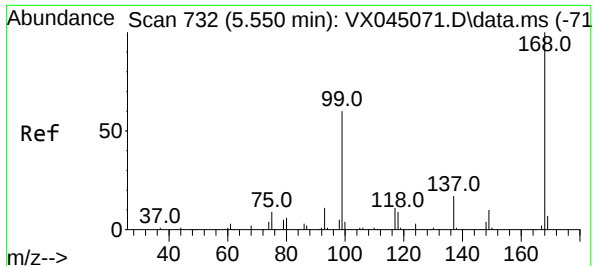
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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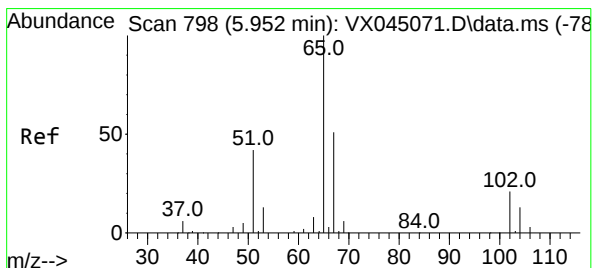
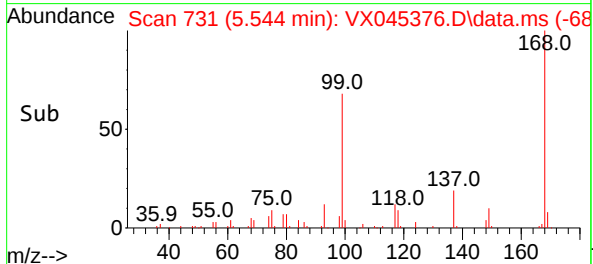
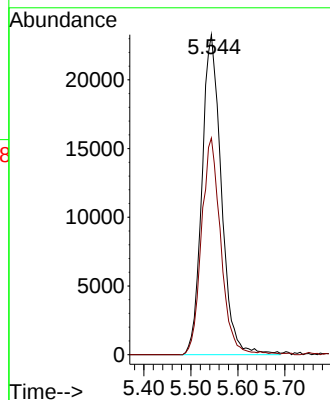
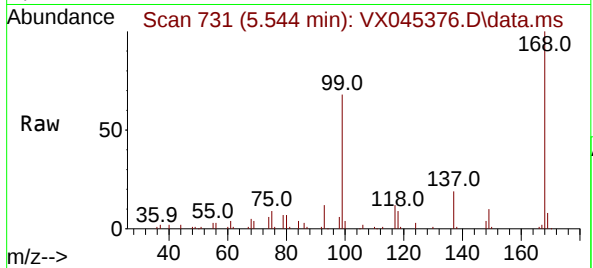




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

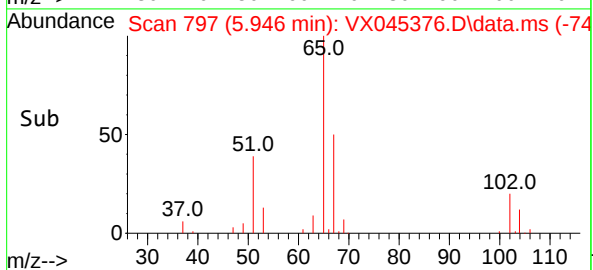
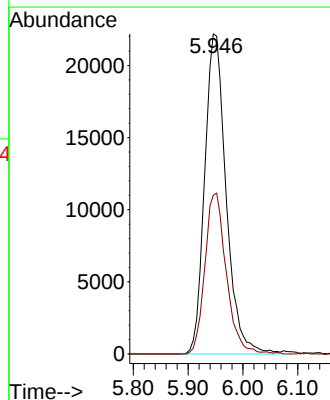
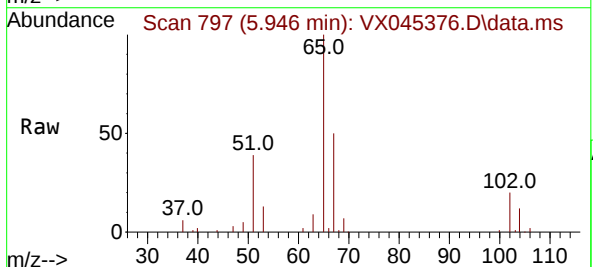
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

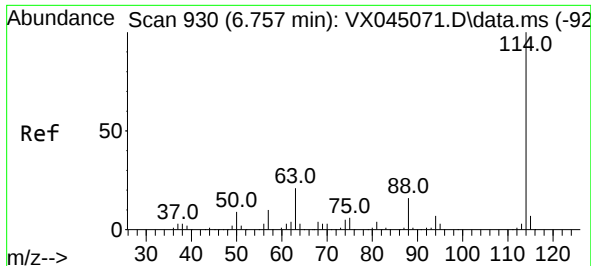
Tgt Ion:168 Resp: 66692
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.757 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

Tgt Ion: 65 Resp: 60210
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

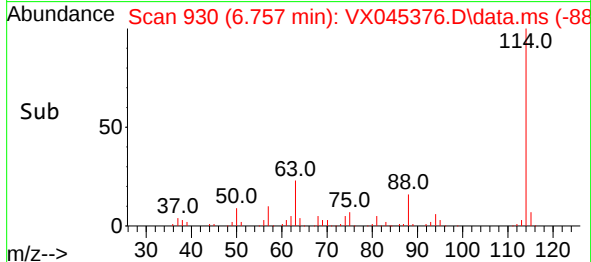
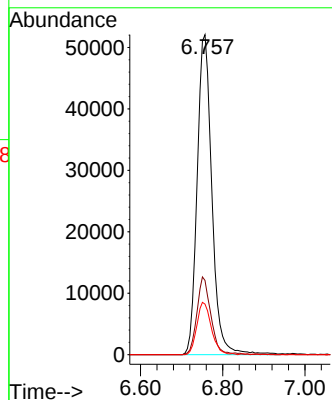
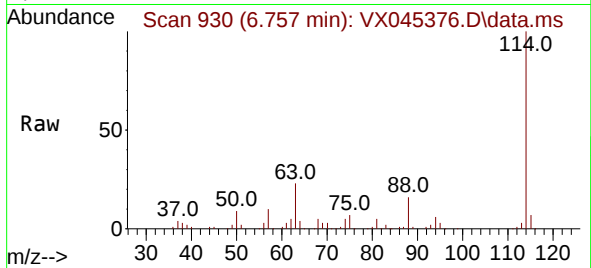




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

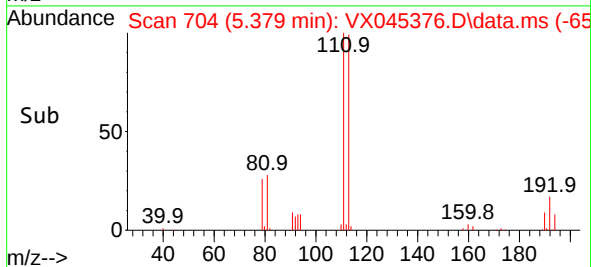
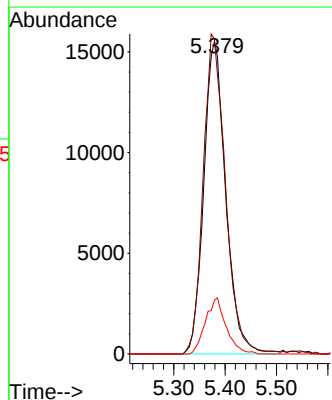
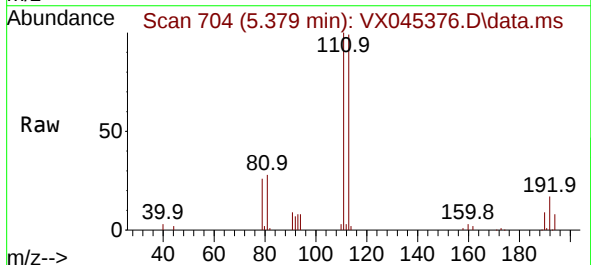
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

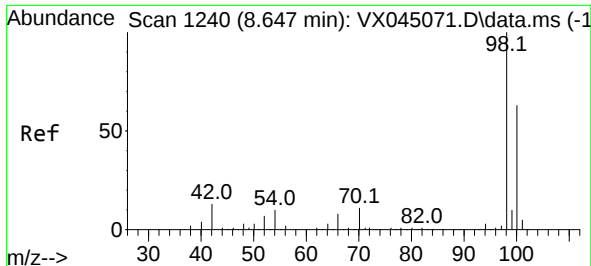
Tgt Ion:114 Resp: 129481
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.303 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

Tgt Ion:113 Resp: 46150
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.8 14.3 21.5

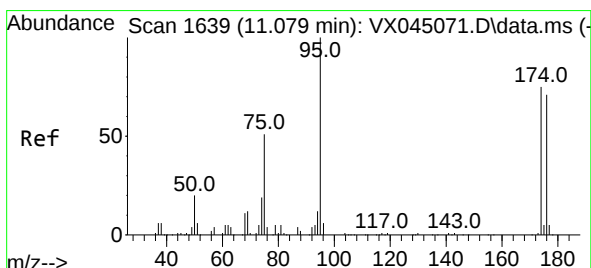
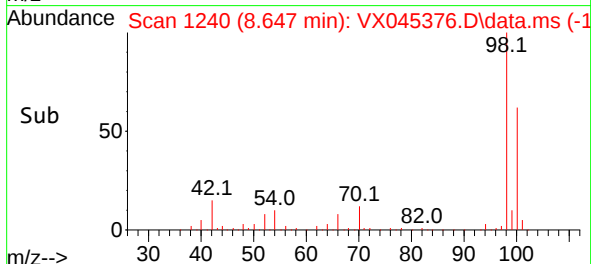
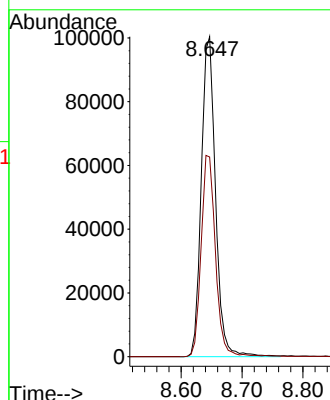
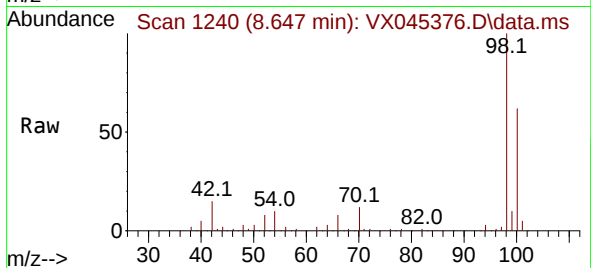




#50
Toluene-d8
Concen: 51.781 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

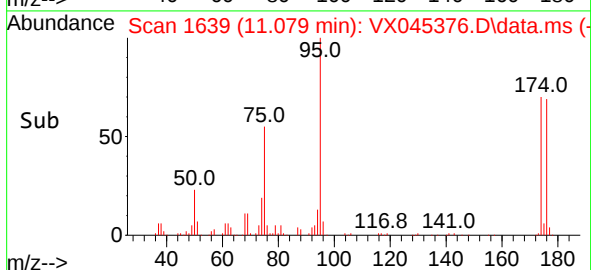
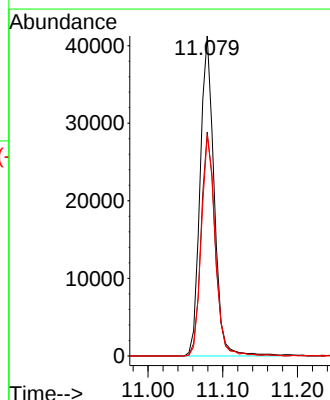
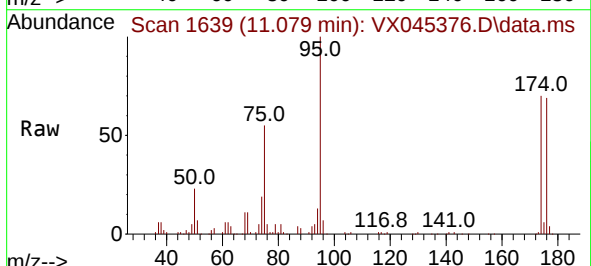
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

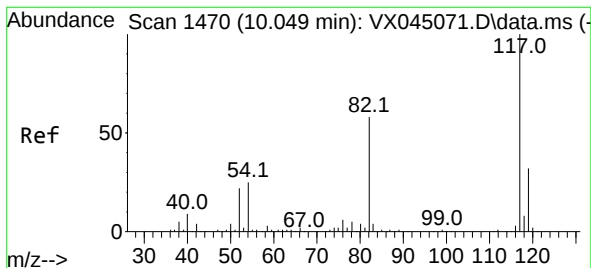
Tgt Ion: 98 Resp: 162533
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045376.D
Acq: 21 Mar 2025 10:29

Tgt Ion: 95 Resp: 53630
Ion Ratio Lower Upper
95 100
174 69.9 0.0 148.2
176 68.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045376.D

Acq: 21 Mar 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0321MBL01

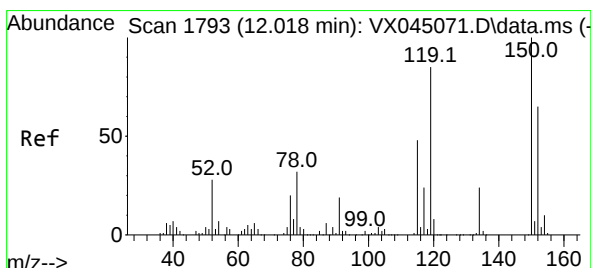
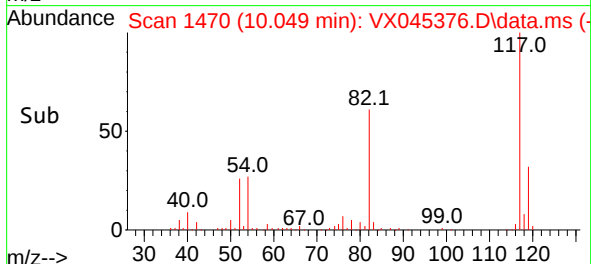
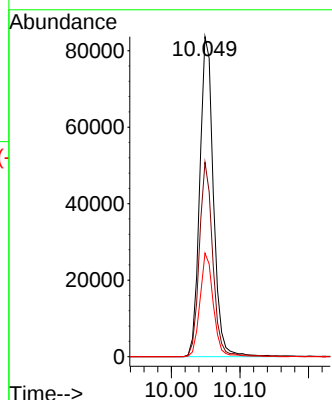
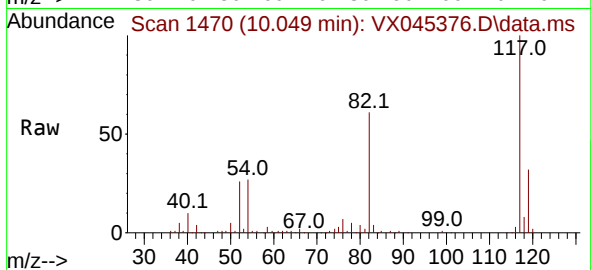
Tgt Ion:117 Resp: 116452

Ion Ratio Lower Upper

117 100

82 60.8 46.3 69.5

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045376.D

Acq: 21 Mar 2025 10:29

Tgt Ion:152 Resp: 43128

Ion Ratio Lower Upper

152 100

115 64.0 44.2 132.6

150 157.2 0.0 349.0

