

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045360.D
 Acq On : 20 Mar 2025 14:50
 Operator : JC/MD
 Sample : Q1582-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Mar 21 01:48:48 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	5.550	168	66480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60209	56.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.880%	
35) Dibromofluoromethane	5.385	113	45058	50.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.647	98	163589	50.912	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.079	95	53491	50.238	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.480%	

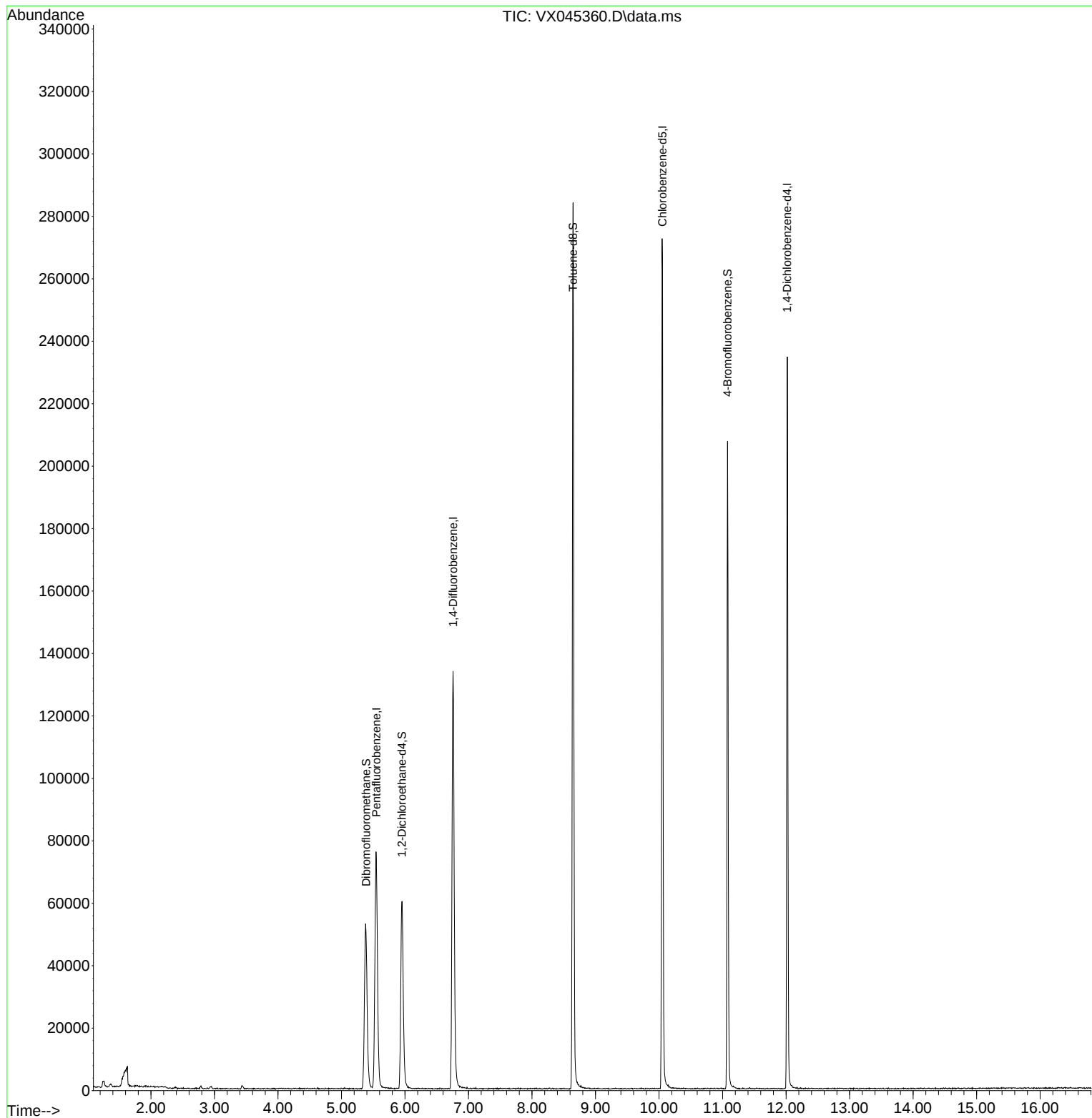
Target Compounds	Qvalue

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

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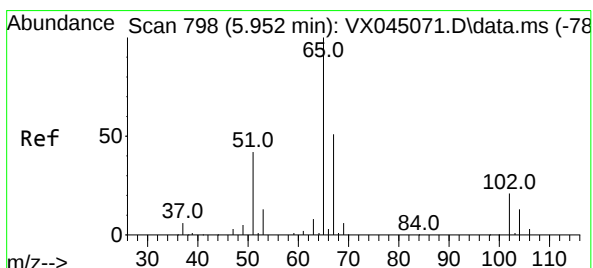
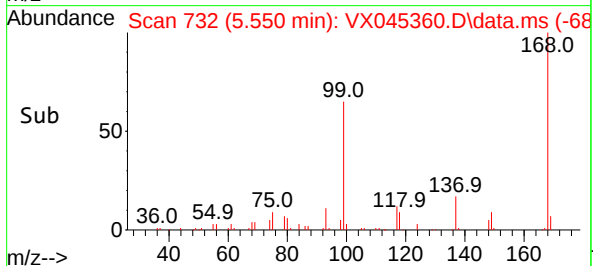
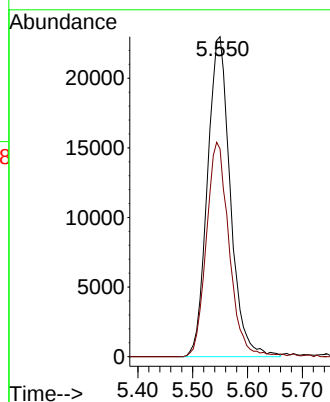
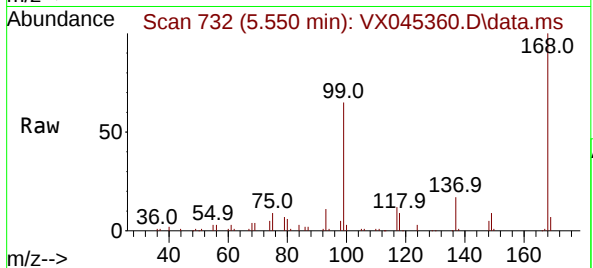




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

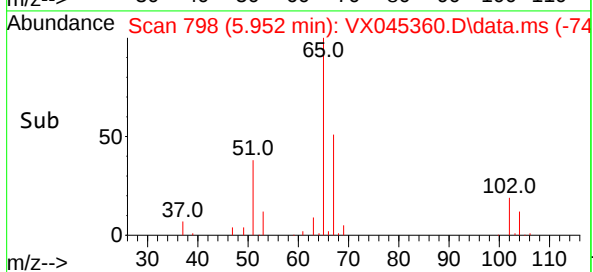
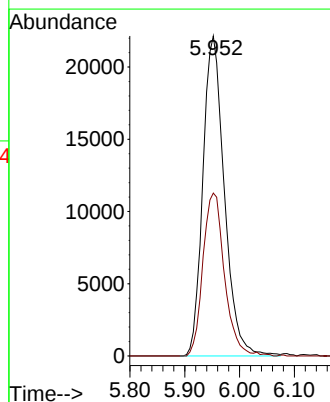
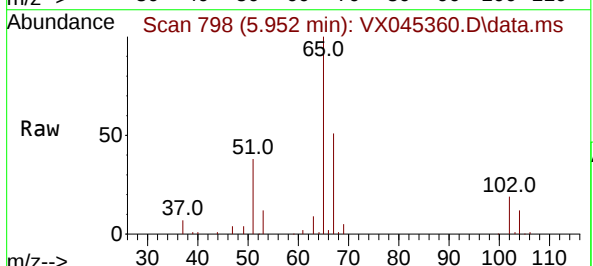
Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:168 Resp: 66480
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.937 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

Tgt Ion: 65 Resp: 60209
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2

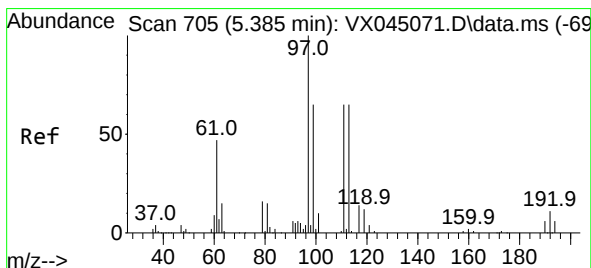
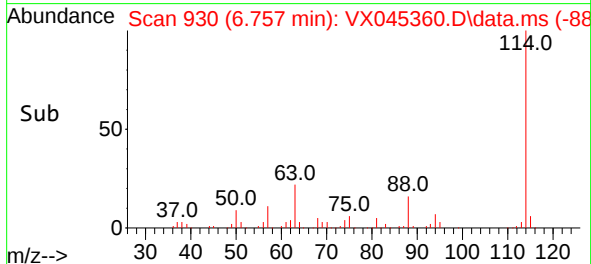
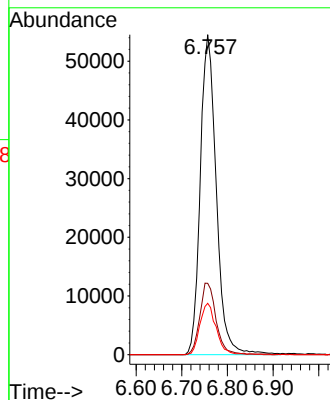
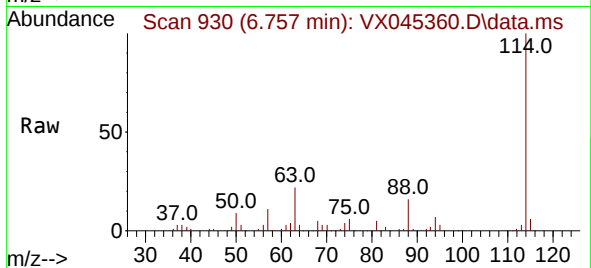




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

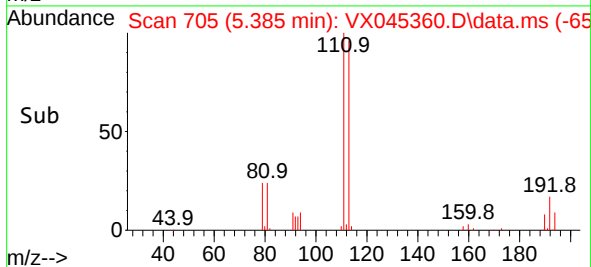
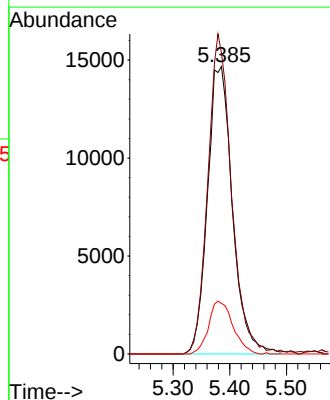
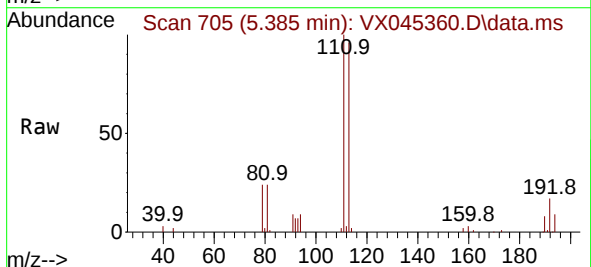
Instrument :
MSVOA_X
ClientSampleId :
FB

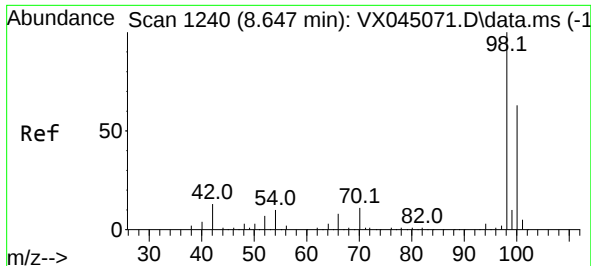
Tgt Ion:114 Resp: 132547
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.838 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

Tgt Ion:113 Resp: 45058
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.6
192 17.9 14.3 21.5

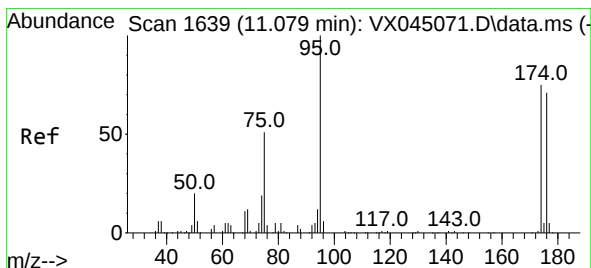
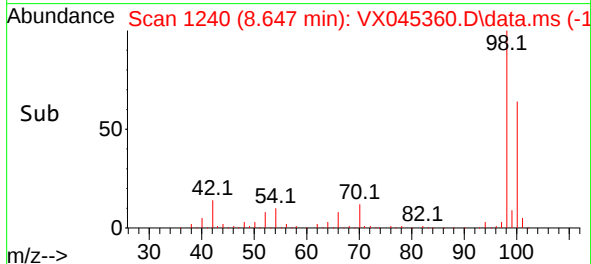
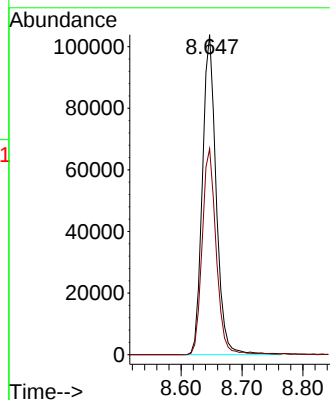
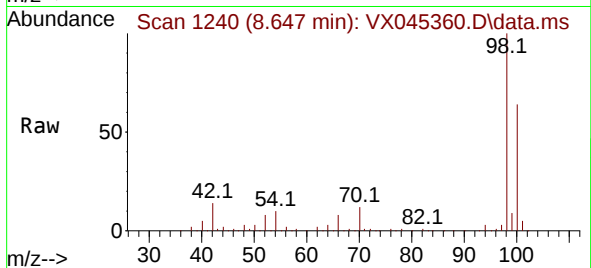




#50
Toluene-d8
Concen: 50.912 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

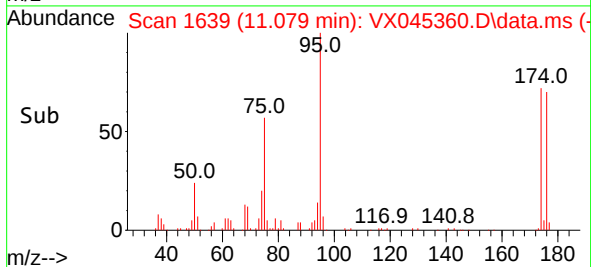
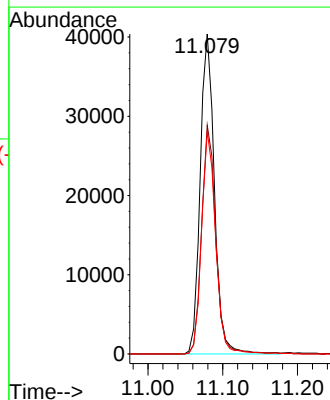
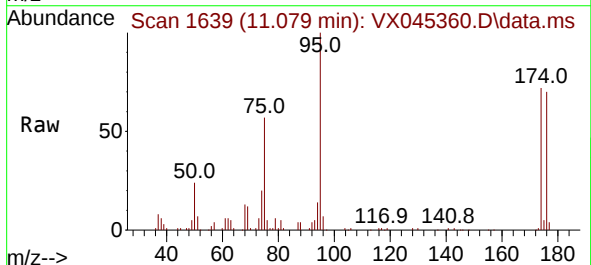
Instrument :
MSVOA_X
ClientSampleId :
FB

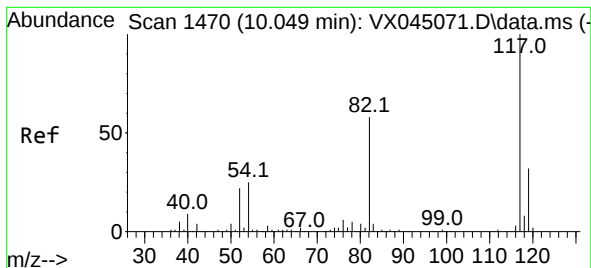
Tgt Ion: 98 Resp: 163589
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045360.D
Acq: 20 Mar 2025 14:50

Tgt Ion: 95 Resp: 53491
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 68.6 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045360.D

Acq: 20 Mar 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

FB

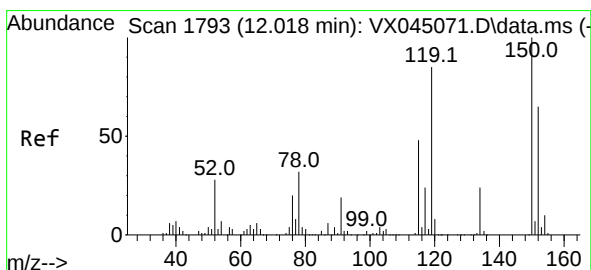
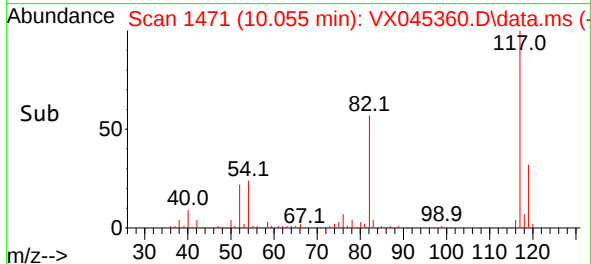
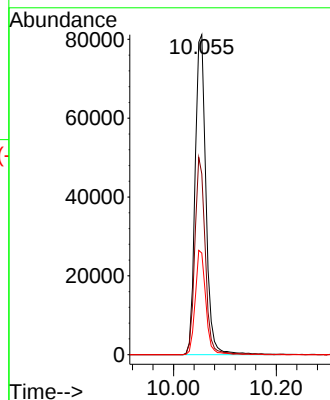
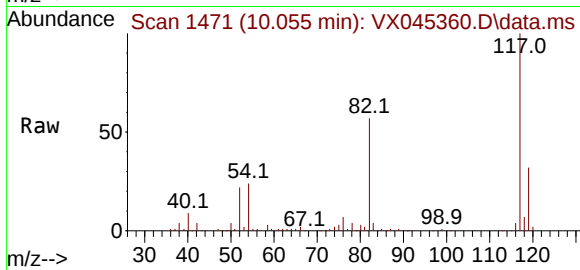
Tgt Ion:117 Resp: 119115

Ion Ratio Lower Upper

117 100

82 56.5 46.3 69.5

119 31.8 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: VX045360.D

Acq: 20 Mar 2025 14:50

Tgt Ion:152 Resp: 44156

Ion Ratio Lower Upper

152 100

115 62.5 44.2 132.6

150 155.7 0.0 349.0

