

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045147.D
 Acq On : 05 Mar 2025 17:05
 Operator : JC/MD
 Sample : Q1501-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-030525

Quant Time: Mar 06 01:09:45 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	75698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63165	52.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.920%
35) Dibromofluoromethane	5.385	113	50535	50.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.900%
50) Toluene-d8	8.647	98	188258	51.843	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.680%
62) 4-Bromofluorobenzene	11.079	95	64827	53.874	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.740%

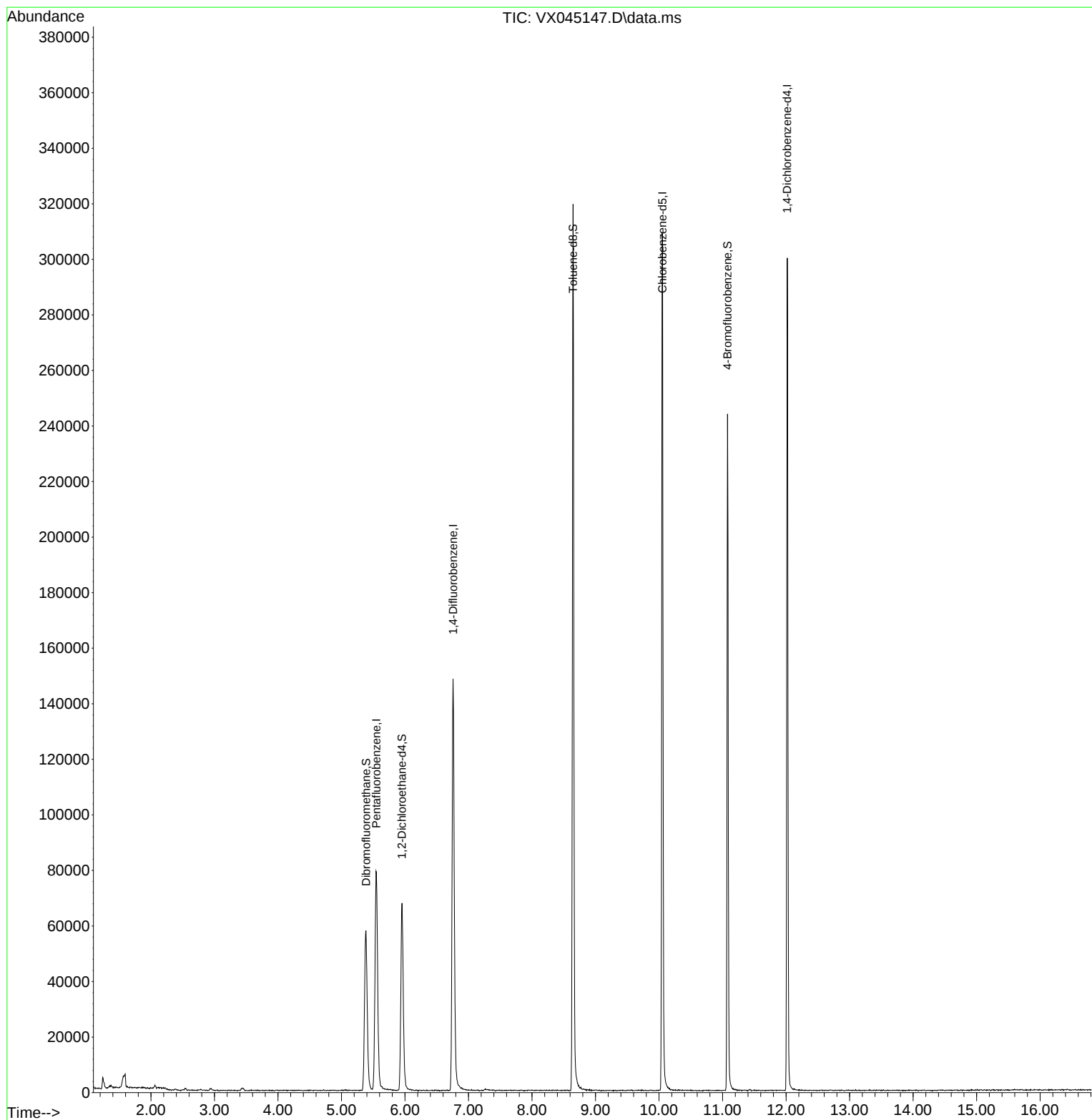
Target Compounds	Qvalue

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

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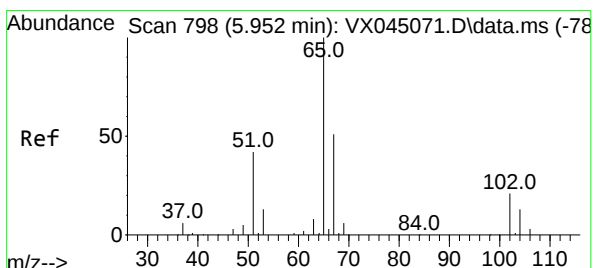
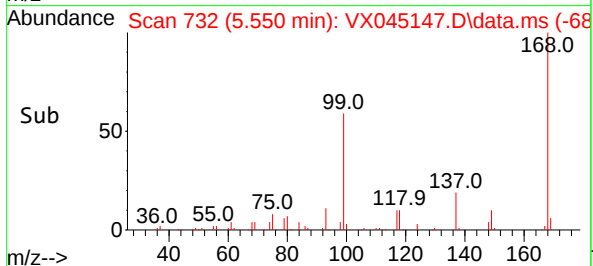
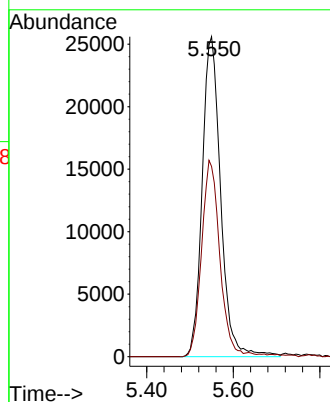
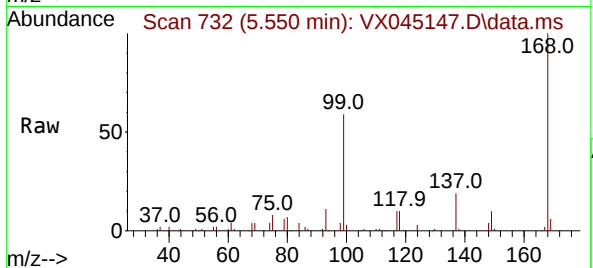




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

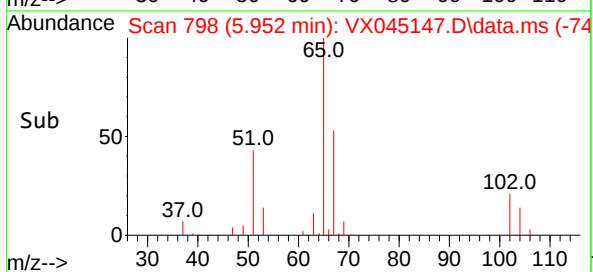
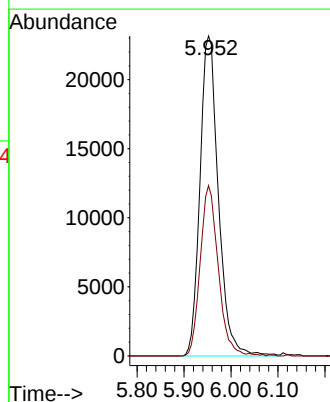
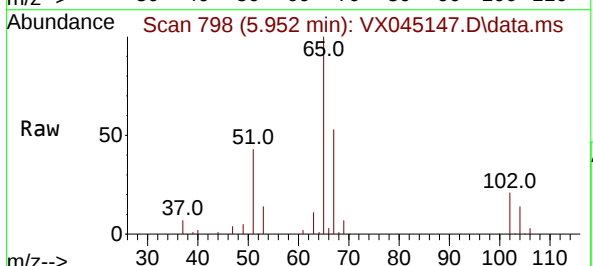
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

Tgt Ion:168 Resp: 75698
Ion Ratio Lower Upper
168 100
99 59.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.459 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 65 Resp: 63165
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2

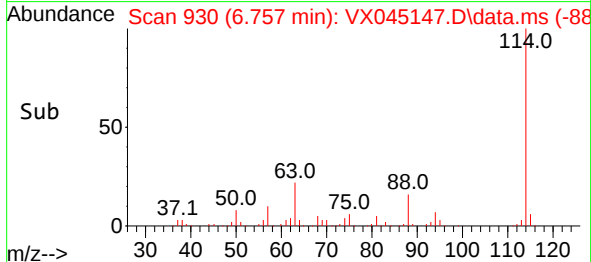
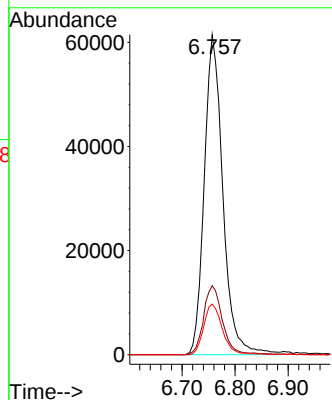
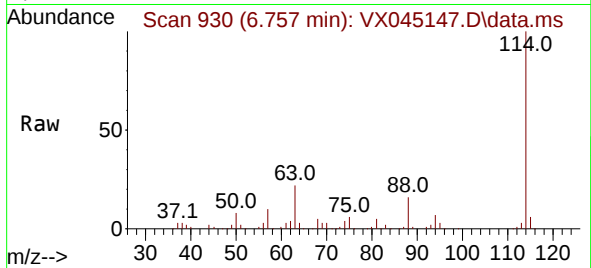




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

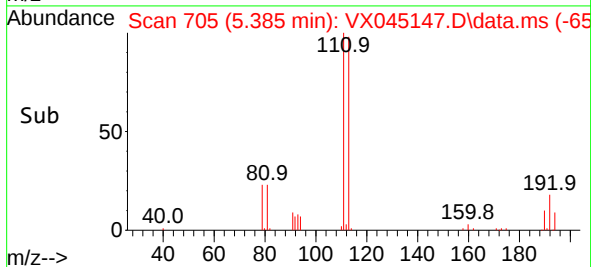
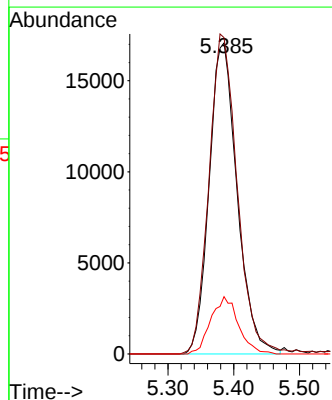
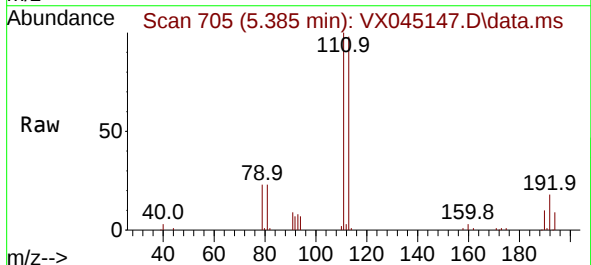
Instrument :
MSVOA_X
ClientSampleId :
TB01-030525

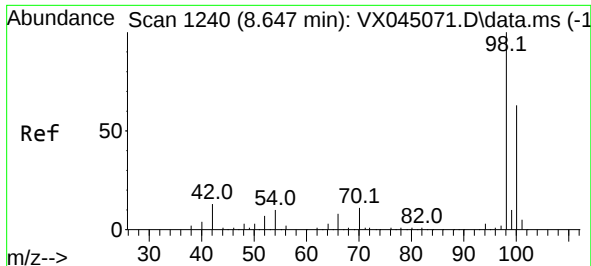
Tgt Ion:114 Resp: 149796
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion:113 Resp: 50535
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.6
192 18.2 14.3 21.5

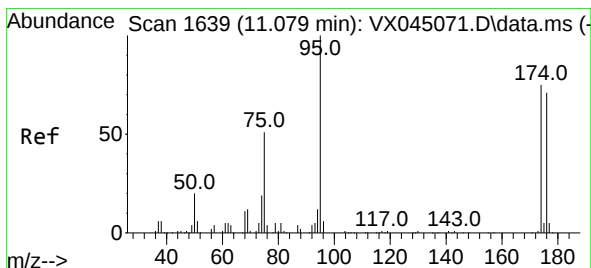
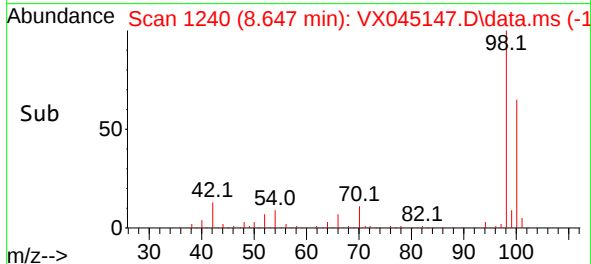
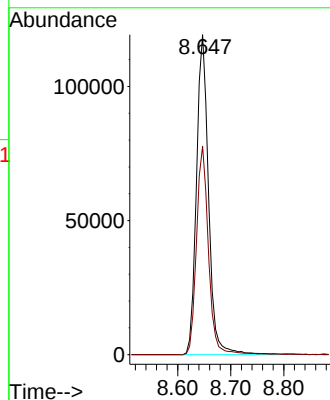
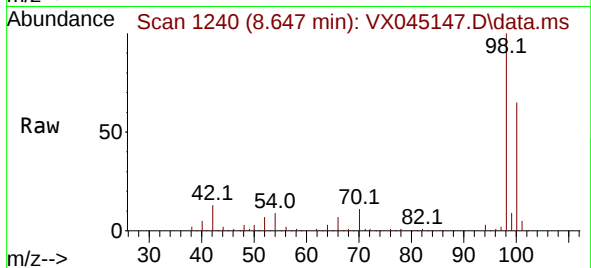




#50
Toluene-d8
Concen: 51.843 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

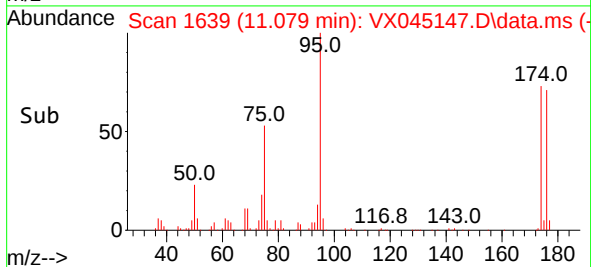
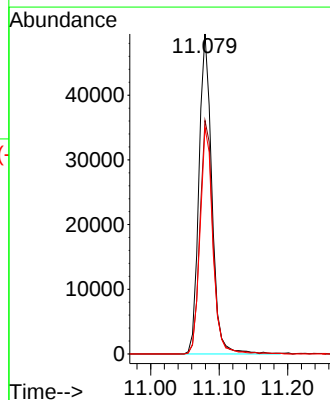
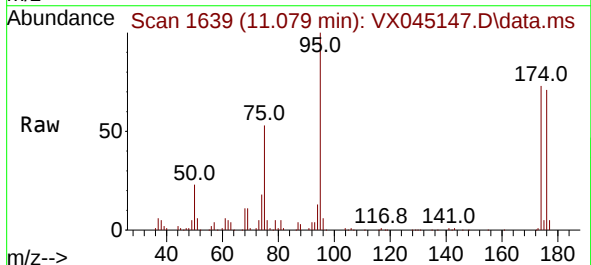
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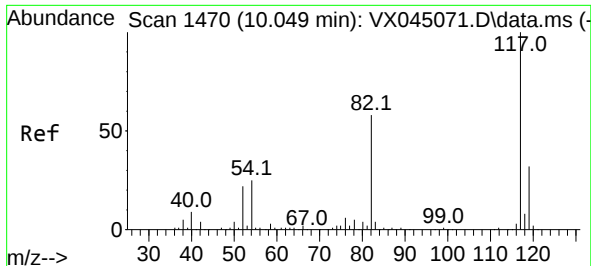
Tgt Ion: 98 Resp: 188258
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045147.D
Acq: 05 Mar 2025 17:05

Tgt Ion: 95 Resp: 64827
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.2
176 70.7 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: VX045147.D

Acq: 05 Mar 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

TB01-030525

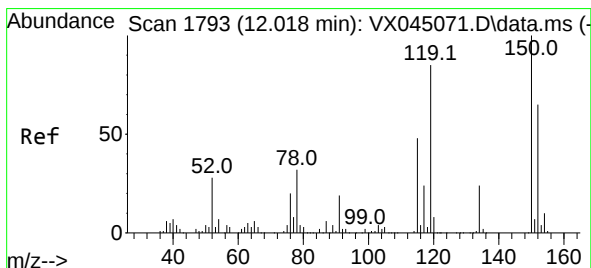
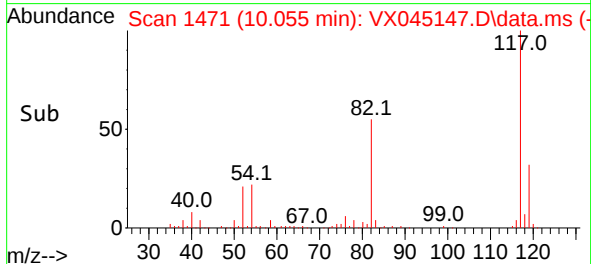
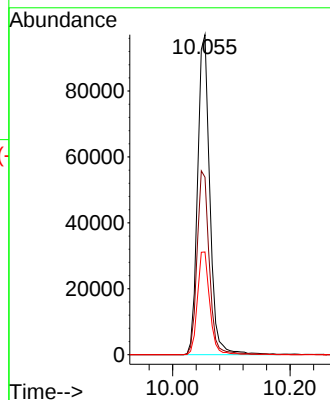
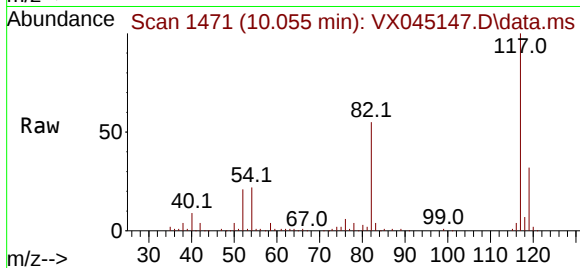
Tgt Ion:117 Resp: 139795

Ion Ratio Lower Upper

117 100

82 55.5 46.3 69.5

119 32.1 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: VX045147.D

Acq: 05 Mar 2025 17:05

Tgt Ion:152 Resp: 59512

Ion Ratio Lower Upper

152 100

115 61.8 44.2 132.6

150 156.2 0.0 349.0

