

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045555.D
 Acq On : 02 Apr 2025 18:24
 Operator : JC/MD
 Sample : Q1623-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Apr 03 01:57:56 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	64727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58851	49.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	5.379	113	42533	46.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	148463	46.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	54359	47.159	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.320%

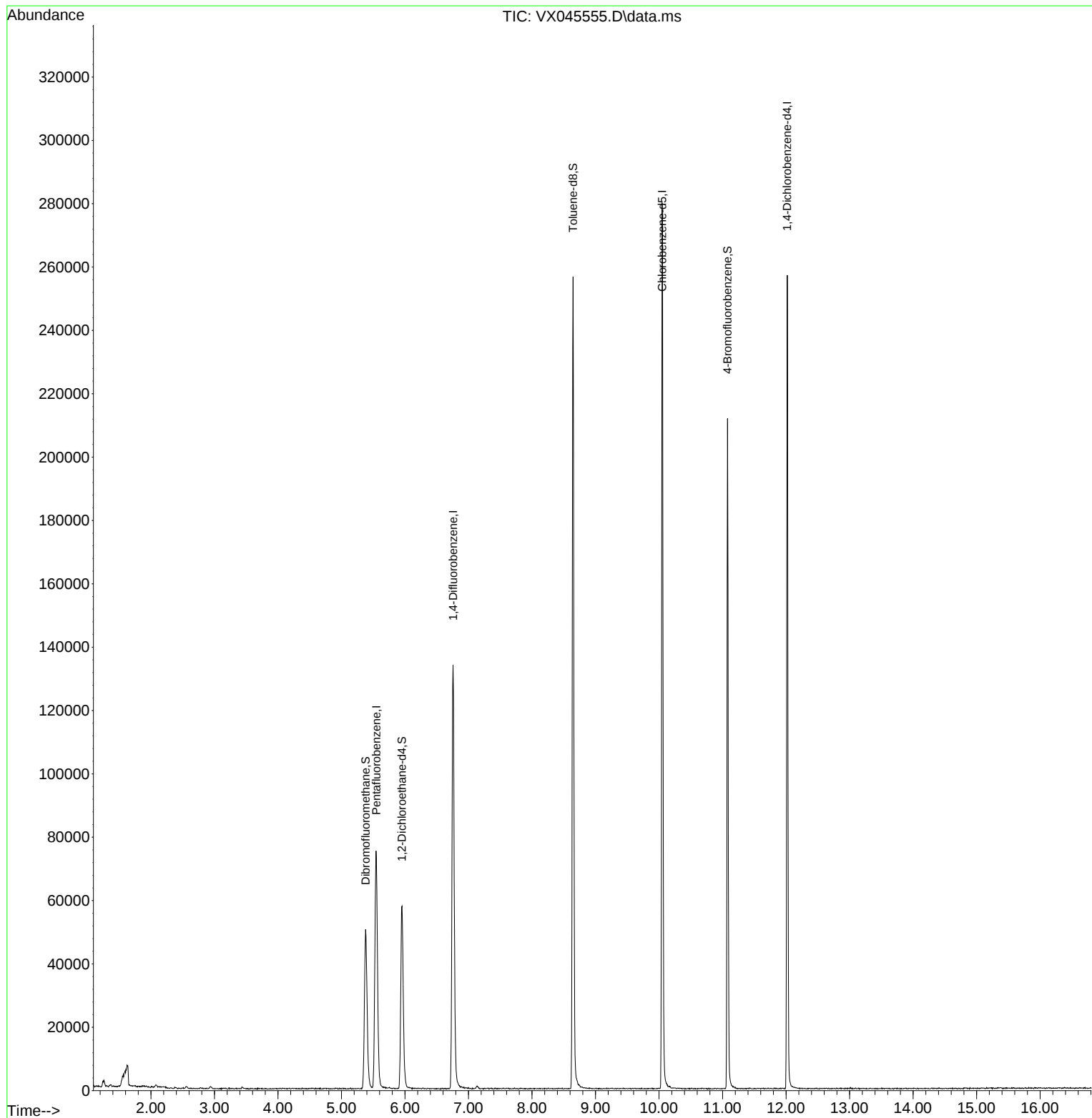
Target Compounds	Qvalue

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

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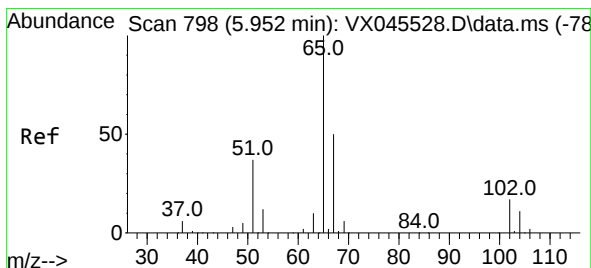
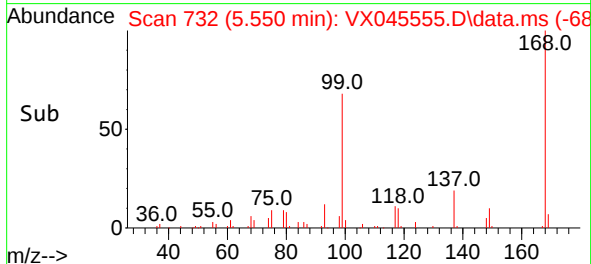
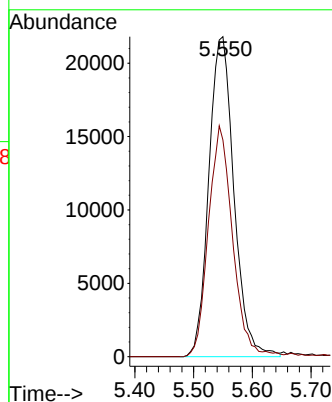
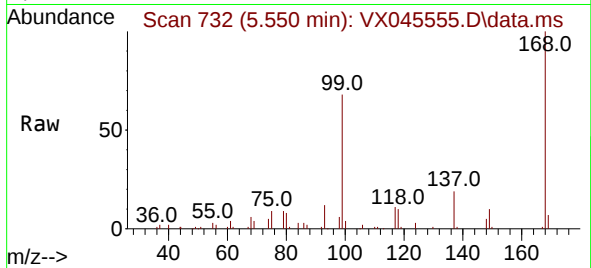




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

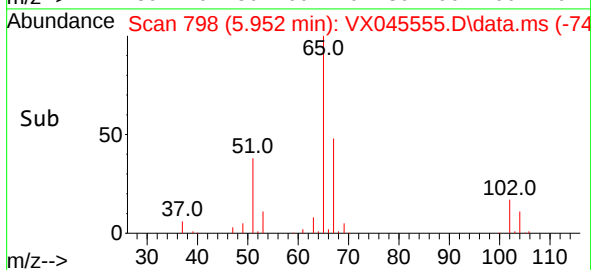
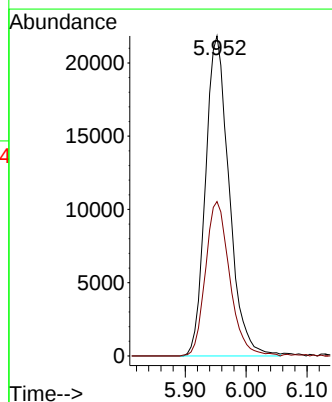
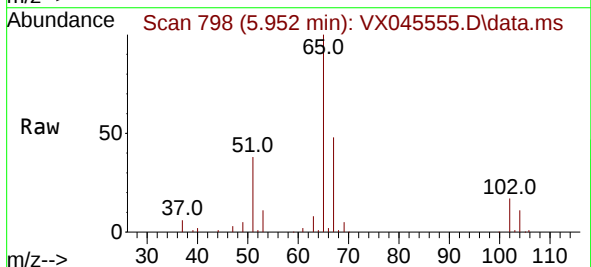
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

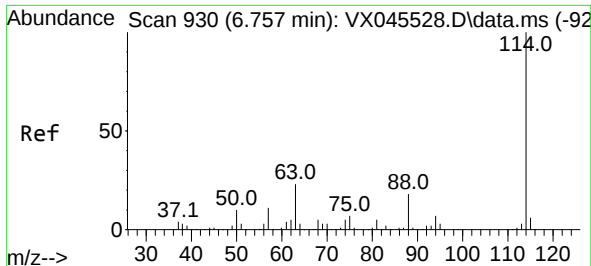
Tgt Ion:168 Resp: 64727
Ion Ratio Lower Upper
168 100
99 67.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 49.718 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

Tgt Ion: 65 Resp: 58851
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

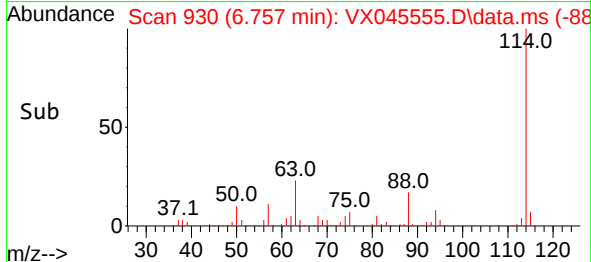
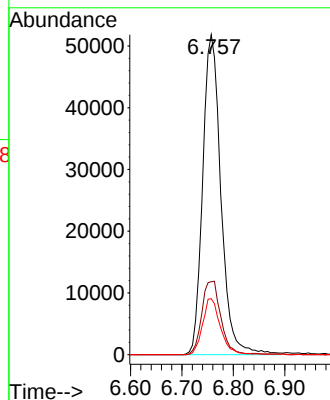
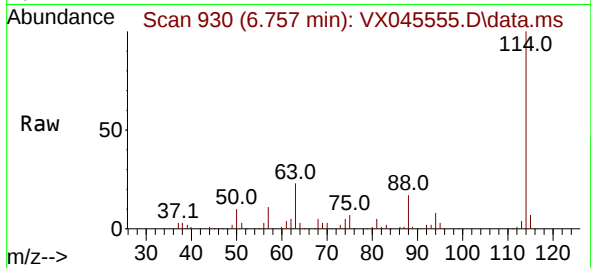




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

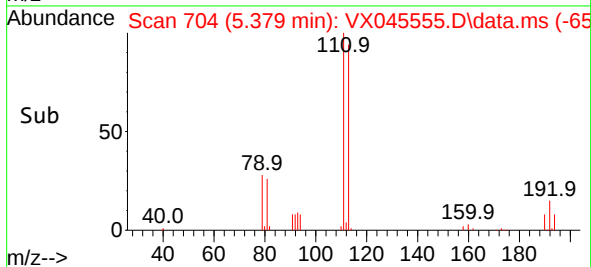
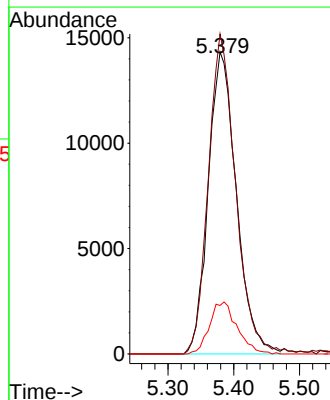
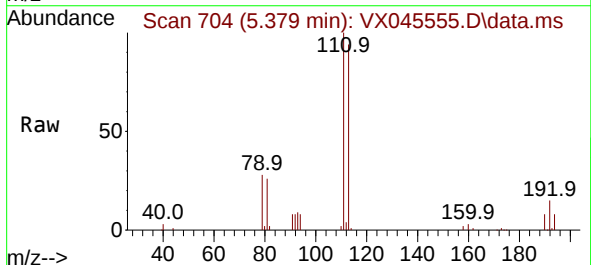
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

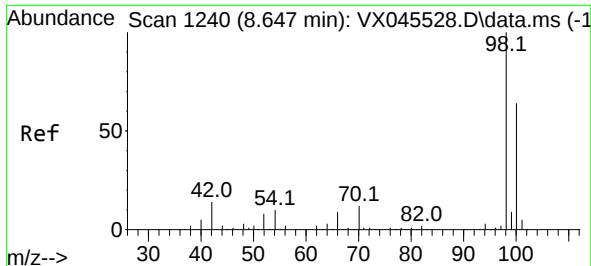
Tgt Ion:114 Resp: 127784
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 17.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 46.913 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

Tgt Ion:113 Resp: 42533
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.0 13.8 20.6

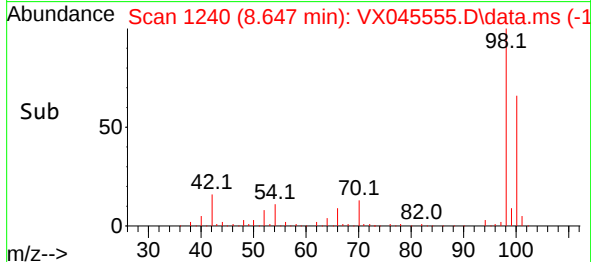
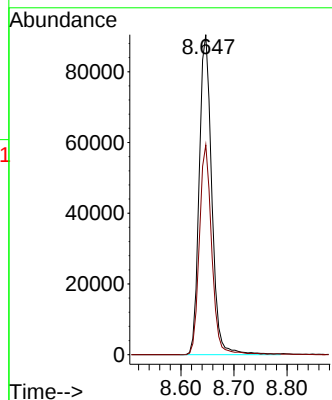
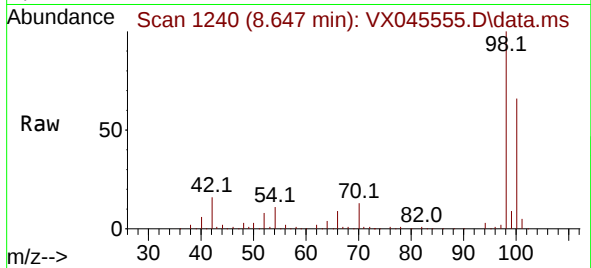




#50
Toluene-d8
Concen: 46.915 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

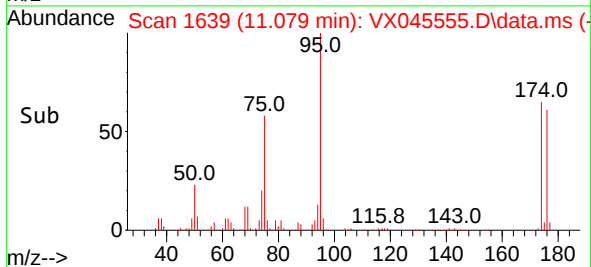
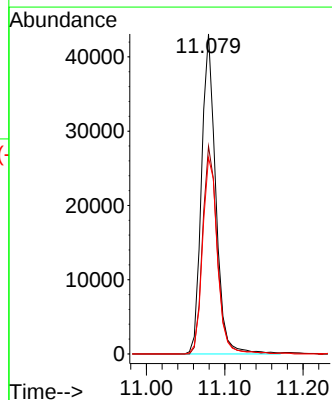
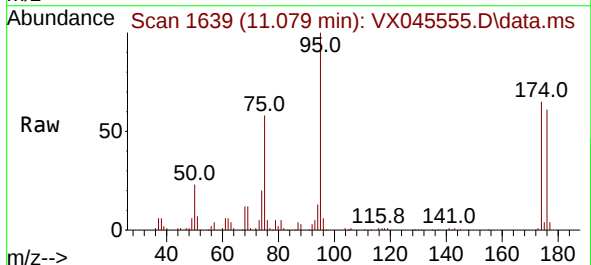
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

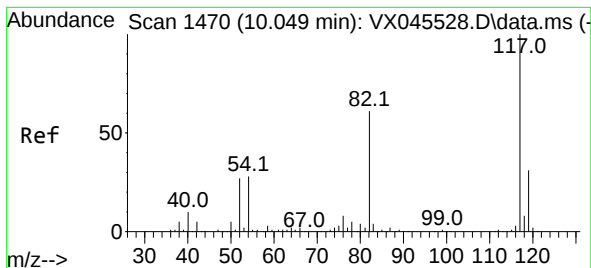
Tgt Ion: 98 Resp: 148463
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045555.D
Acq: 02 Apr 2025 18:24

Tgt Ion: 95 Resp: 54359
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.3 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045555.D

Acq: 02 Apr 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

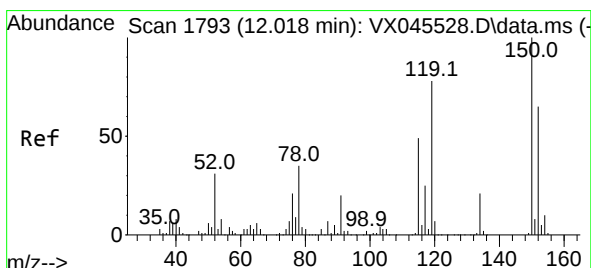
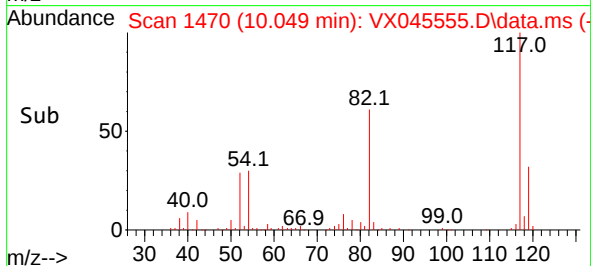
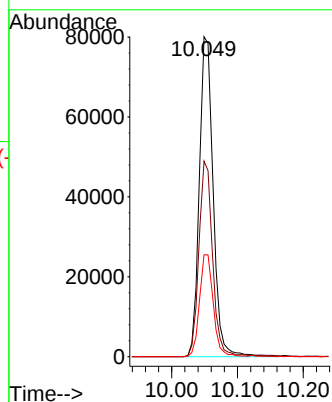
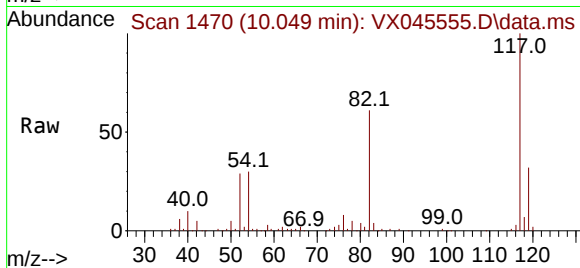
Tgt Ion:117 Resp: 117555

Ion Ratio Lower Upper

117 100

82 61.1 49.2 73.8

119 31.9 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: VX045555.D

Acq: 02 Apr 2025 18:24

Tgt Ion:152 Resp: 47802

Ion Ratio Lower Upper

152 100

115 62.3 46.9 140.7

150 156.2 0.0 349.4

