

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045086.D
 Acq On : 28 Feb 2025 14:10
 Operator : JC/MD
 Sample : Q1403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Feb 28 23:08:00 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	72842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61755	53.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.600%
35) Dibromofluoromethane	5.379	113	49899	50.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.920%
50) Toluene-d8	8.647	98	180878	50.951	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.900%
62) 4-Bromofluorobenzene	11.079	95	60465	51.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.800%

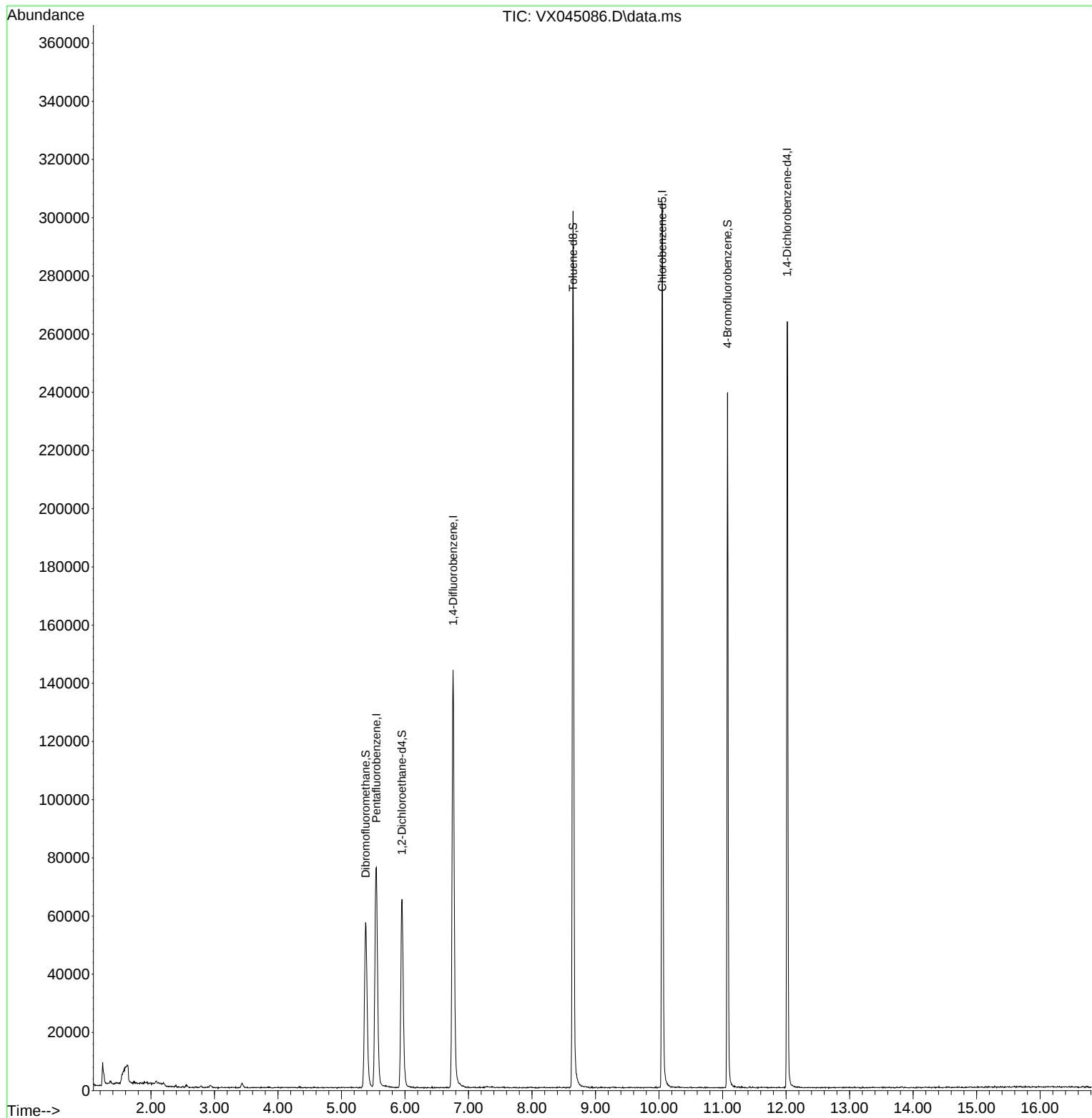
Target Compounds	Qvalue

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

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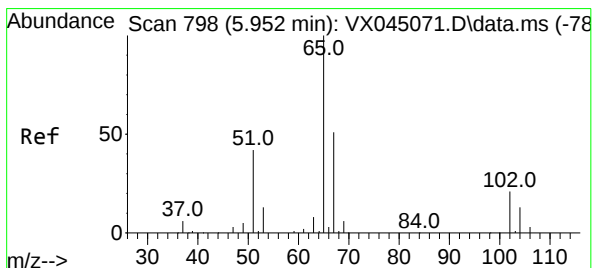
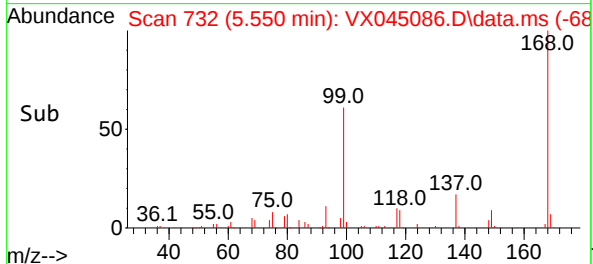
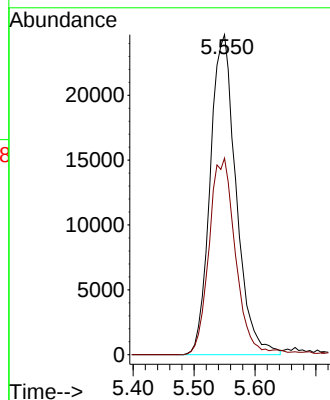
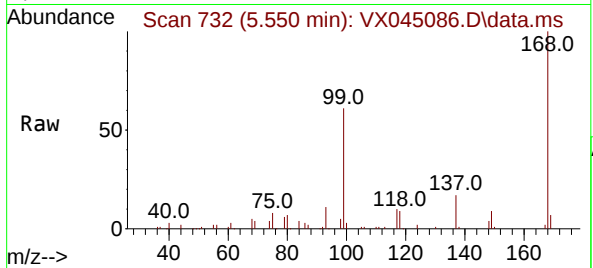




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

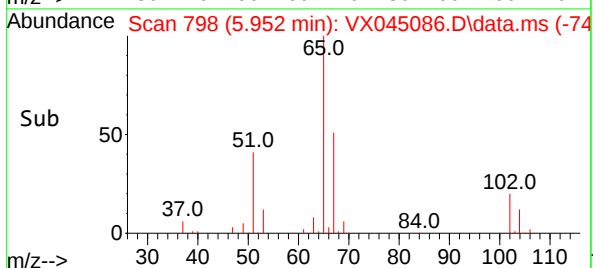
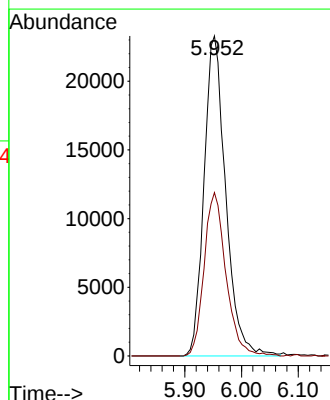
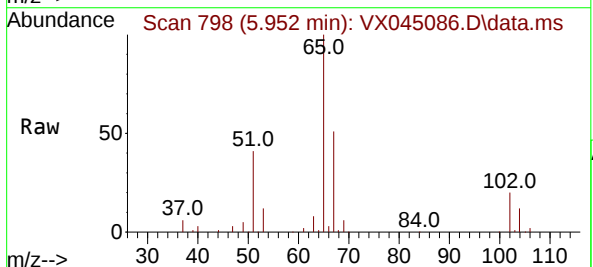
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

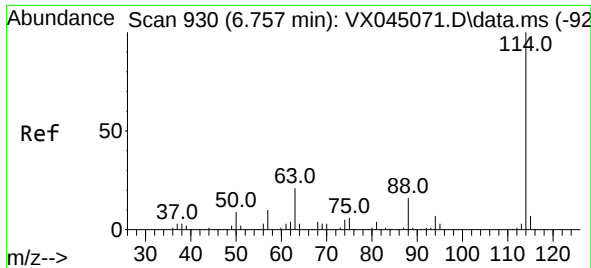
Tgt Ion:168 Resp: 72842
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 65 Resp: 61755
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2

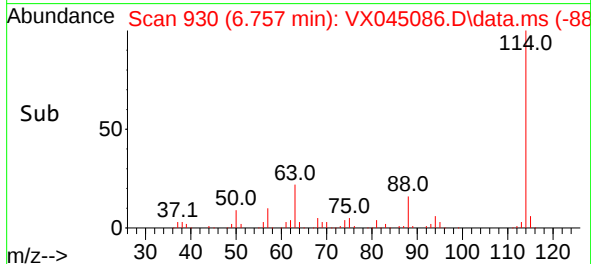
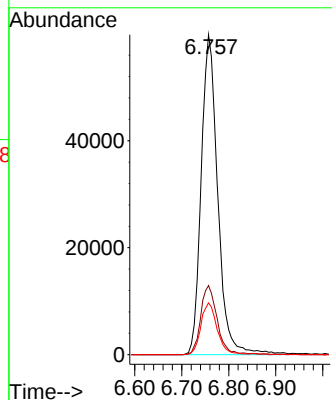
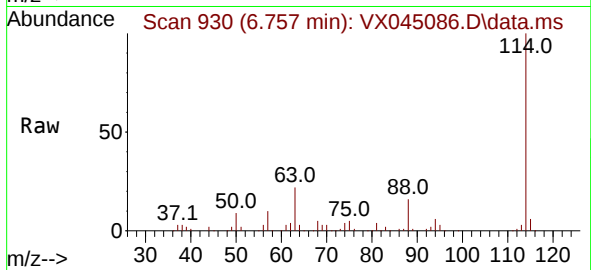




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

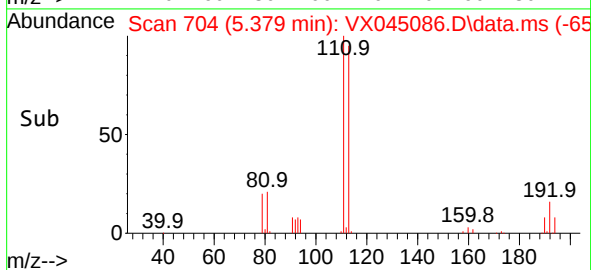
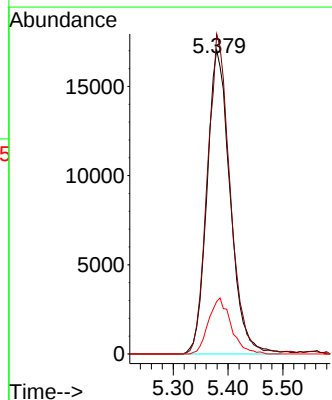
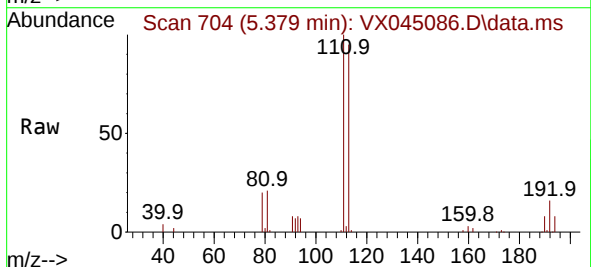
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

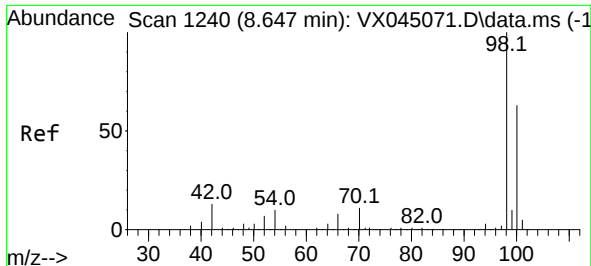
Tgt Ion:114 Resp: 146444
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.957 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion:113 Resp: 49899
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 18.0 14.3 21.5

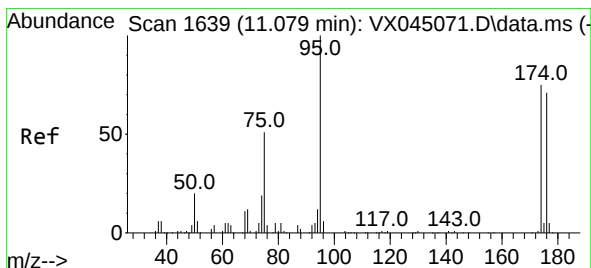
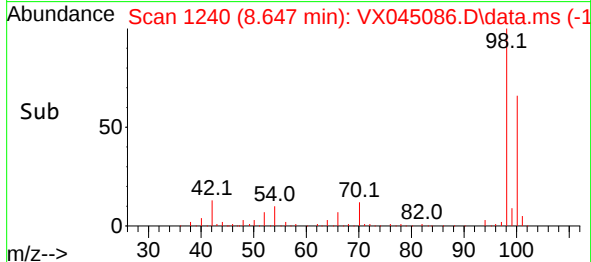
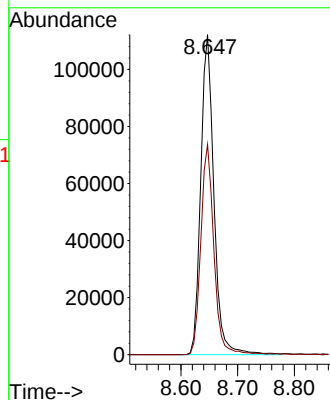
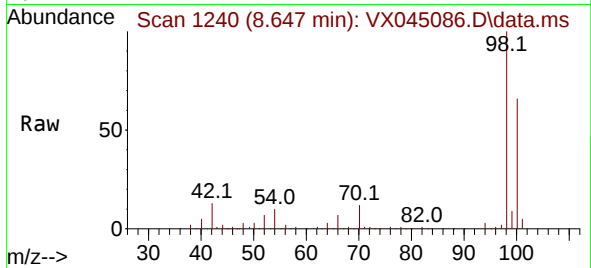




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

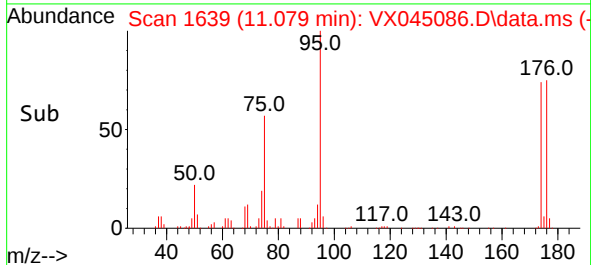
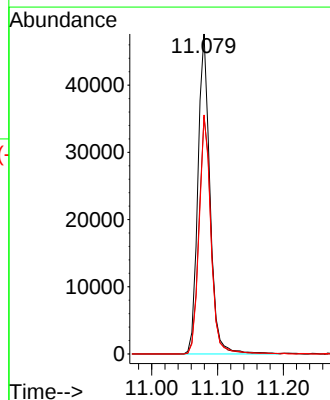
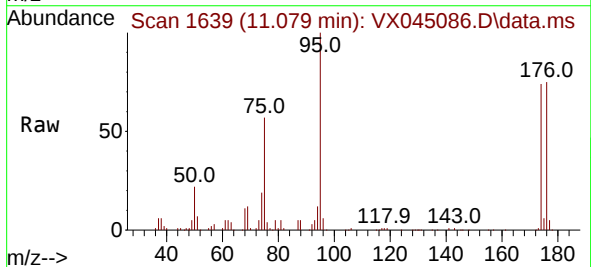
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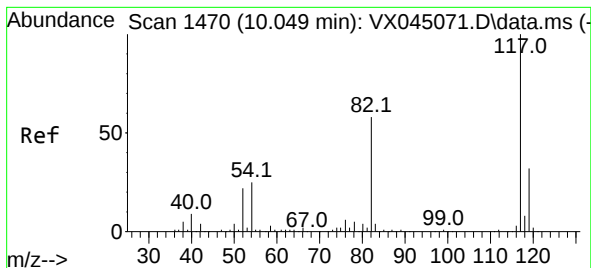
Tgt Ion: 98 Resp: 180878
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045086.D
Acq: 28 Feb 2025 14:10

Tgt Ion: 95 Resp: 60465
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.2
176 73.2 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: VX045086.D

Acq: 28 Feb 2025 14:10

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

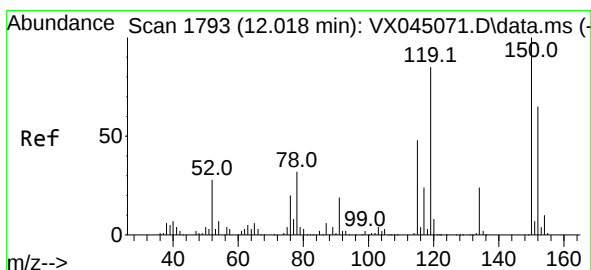
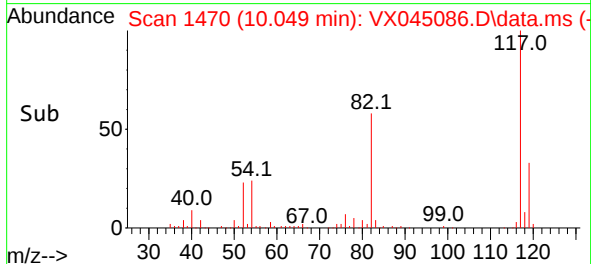
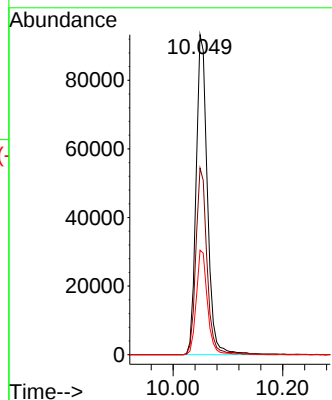
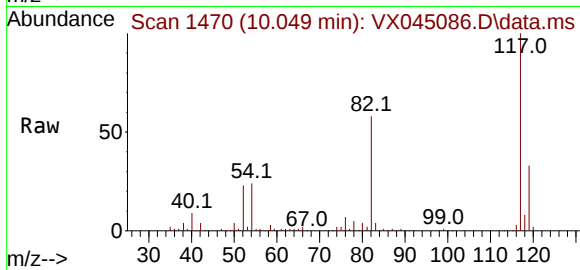
Tgt Ion:117 Resp: 134405

Ion Ratio Lower Upper

117 100

82 58.3 46.3 69.5

119 32.6 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: VX045086.D

Acq: 28 Feb 2025 14:10

Tgt Ion:152 Resp: 52276

Ion Ratio Lower Upper

152 100

115 63.3 44.2 132.6

150 159.8 0.0 349.0

