

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044730.D
 Acq On : 27 Jan 2025 17:37
 Operator : JC/MD
 Sample : Q1180-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jan 28 04:16:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	138479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	247741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103881	49.698	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	5.379	113	91265	50.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	8.647	98	344907	55.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.400%
62) 4-Bromofluorobenzene	11.079	95	119113	51.136	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.280%

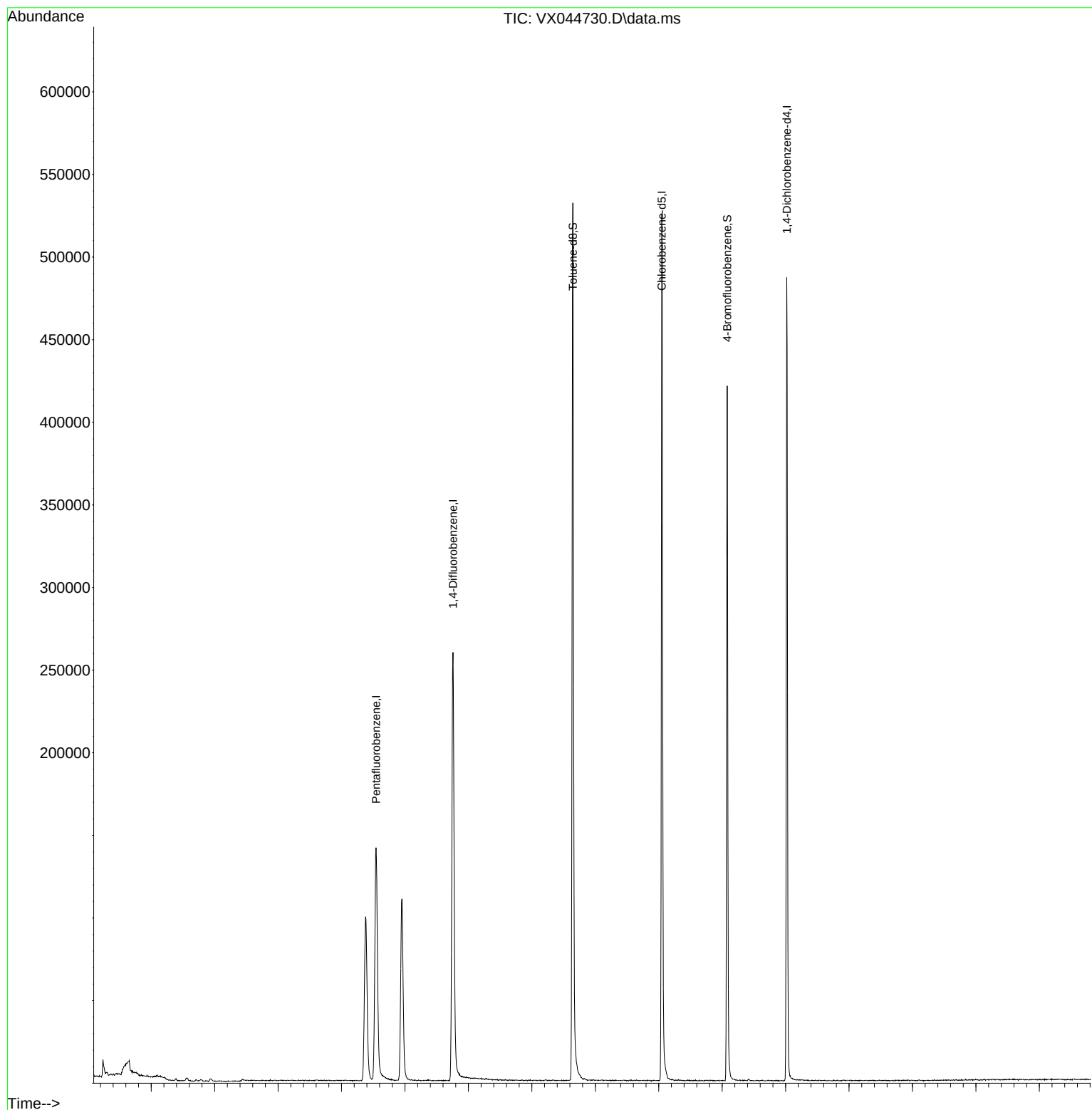
Target Compounds Qvalue

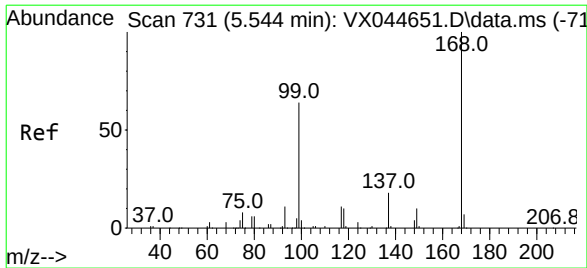
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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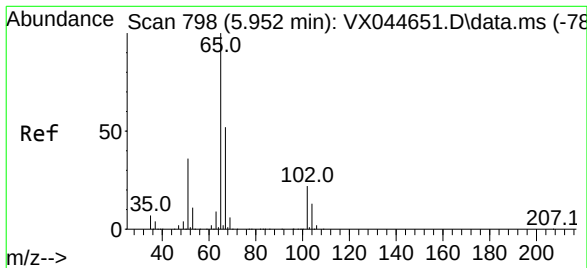
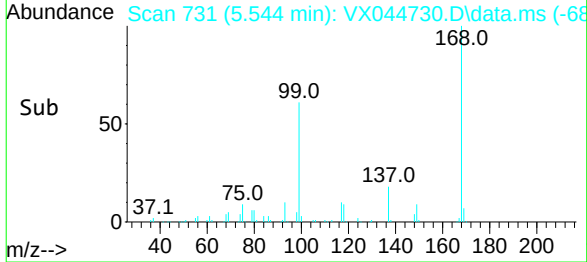
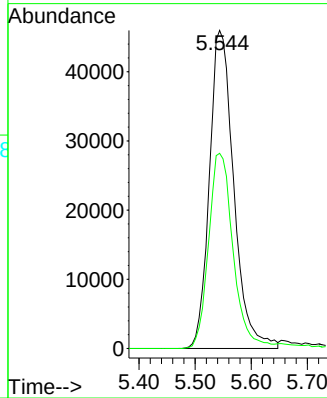
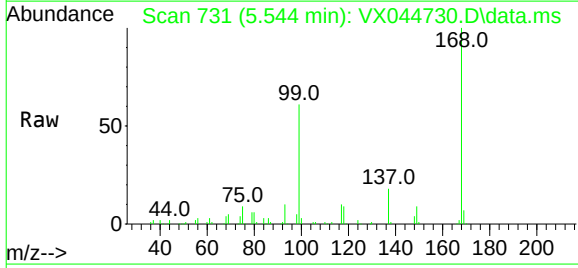




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

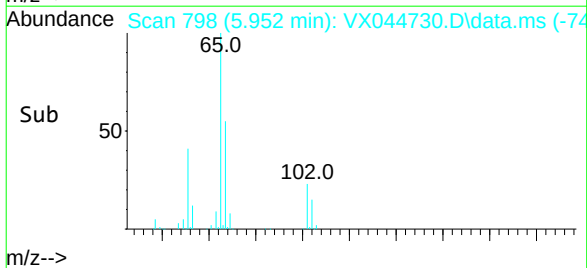
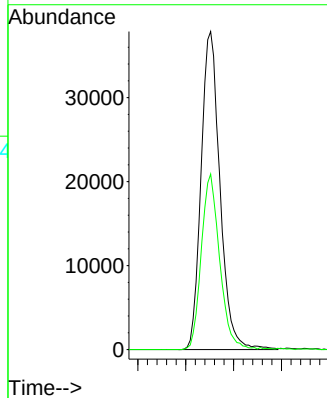
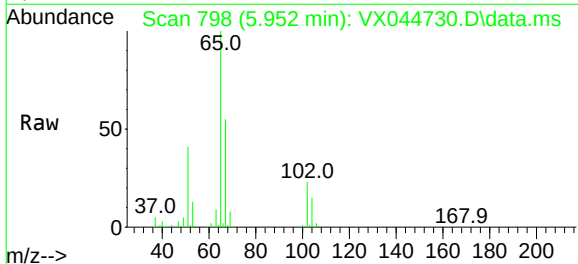
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

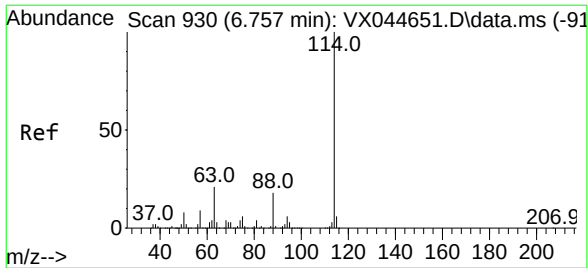
Tgt Ion:168 Resp: 138479
Ion Ratio Lower Upper
168 100
99 61.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.698 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044730.D
Acq: 27 Jan 2025 17:37

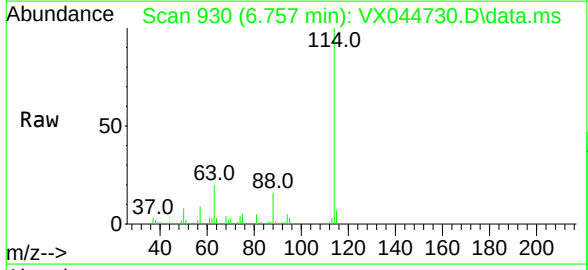
Tgt Ion: 65 Resp: 103881
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.4



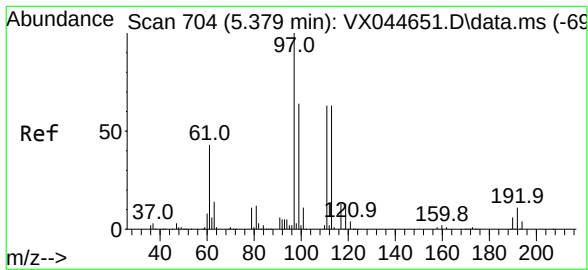
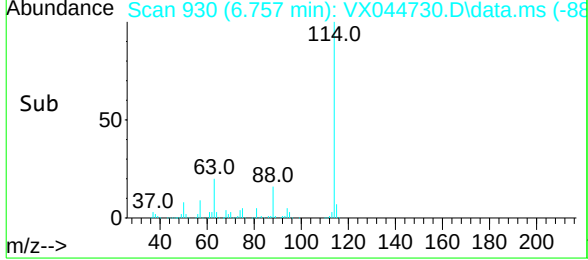
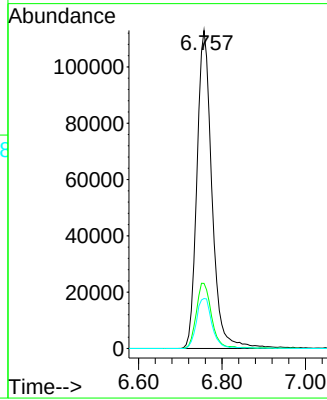


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044730.D
 Acq: 27 Jan 2025 17:37

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

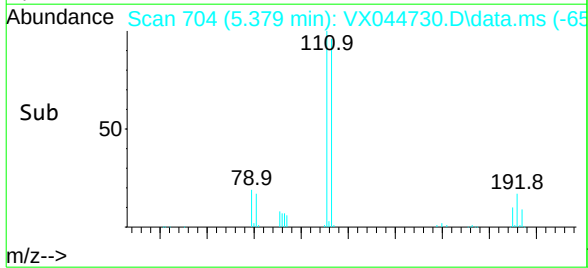
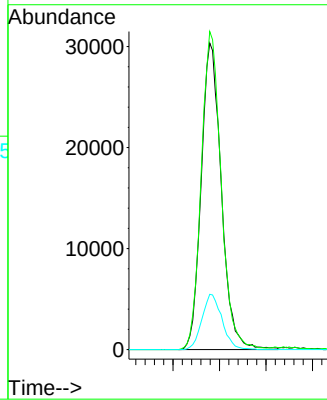
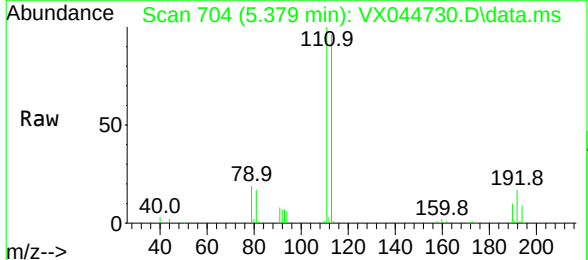


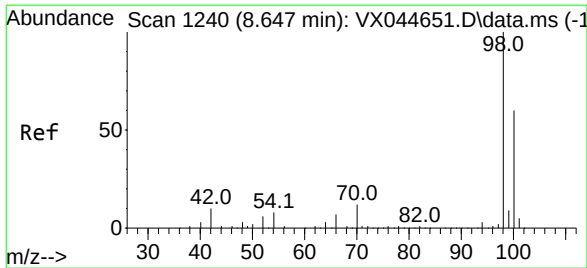
Tgt Ion:	114	Resp:	282083
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.0
88	15.7	0.0	35.4



#35
 Dibromofluoromethane
 Concen: 50.928 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX044730.D
 Acq: 27 Jan 2025 17:37

Tgt Ion:	113	Resp:	91265
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	18.0	14.4	21.6





#50

Toluene-d8

Concen: 55.199 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044730.D

Acq: 27 Jan 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

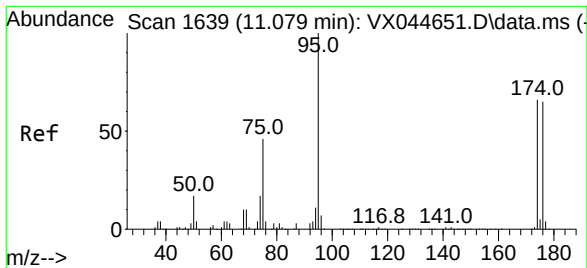
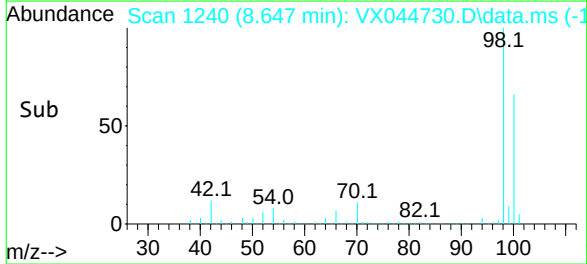
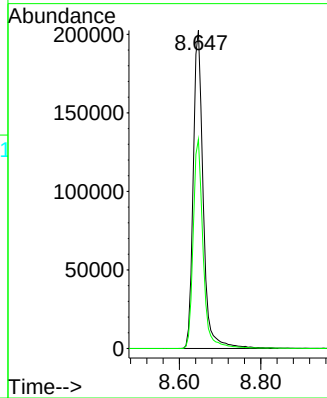
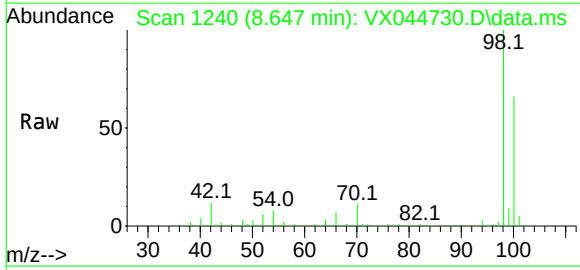
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 344907

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 51.136 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044730.D

Acq: 27 Jan 2025 17:37

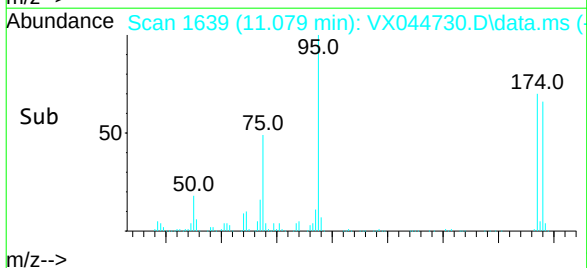
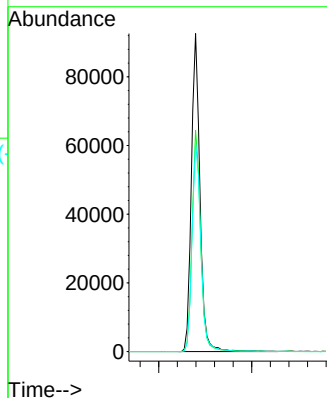
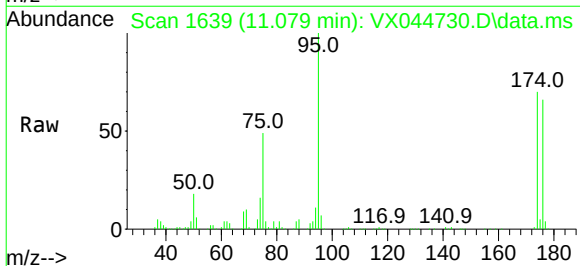
Tgt Ion: 95 Resp: 119113

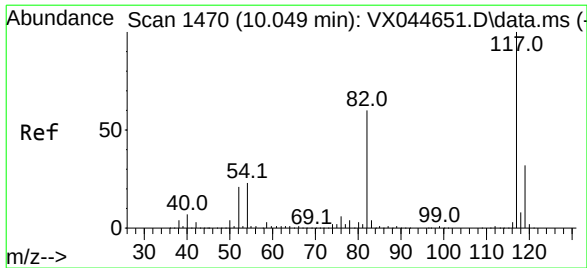
Ion Ratio Lower Upper

95 100

174 69.6 0.0 133.0

176 67.4 0.0 129.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044730.D

Acq: 27 Jan 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

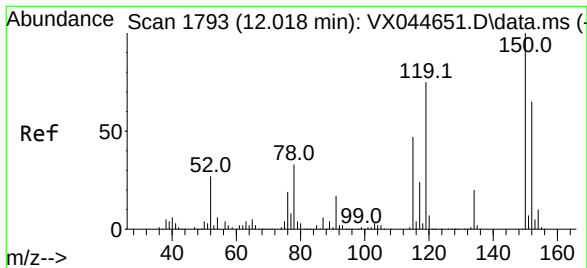
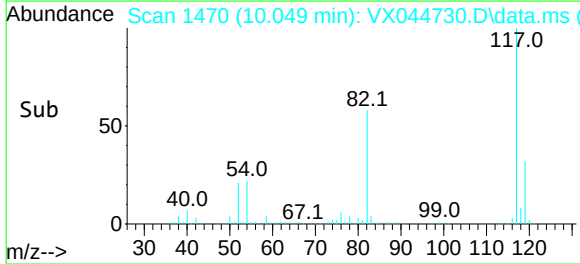
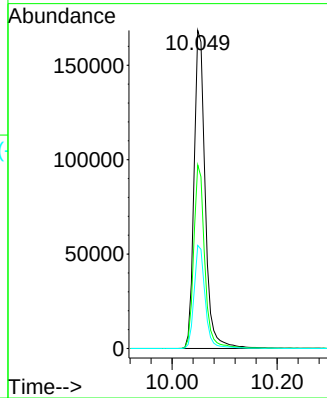
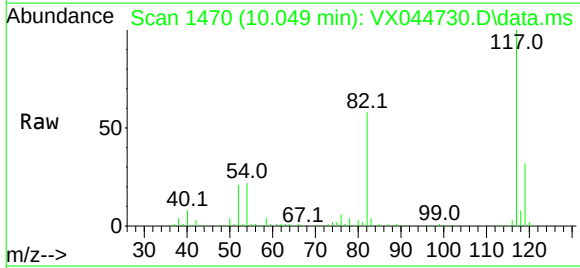
Tgt Ion:117 Resp: 247741

Ion Ratio Lower Upper

117 100

82 57.7 47.6 71.4

119 32.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044730.D

Acq: 27 Jan 2025 17:37

Tgt Ion:152 Resp: 101611

Ion Ratio Lower Upper

152 100

115 61.5 43.8 131.4

150 159.1 0.0 347.8

