

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044731.D
 Acq On : 27 Jan 2025 18:00
 Operator : JC/MD
 Sample : Q1180-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Jan 28 04:16:37 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	138064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	281466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	252440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102440	49.156	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	5.379	113	90352	50.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	344222	55.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.420%
62) 4-Bromofluorobenzene	11.079	95	123053	52.943	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.880%

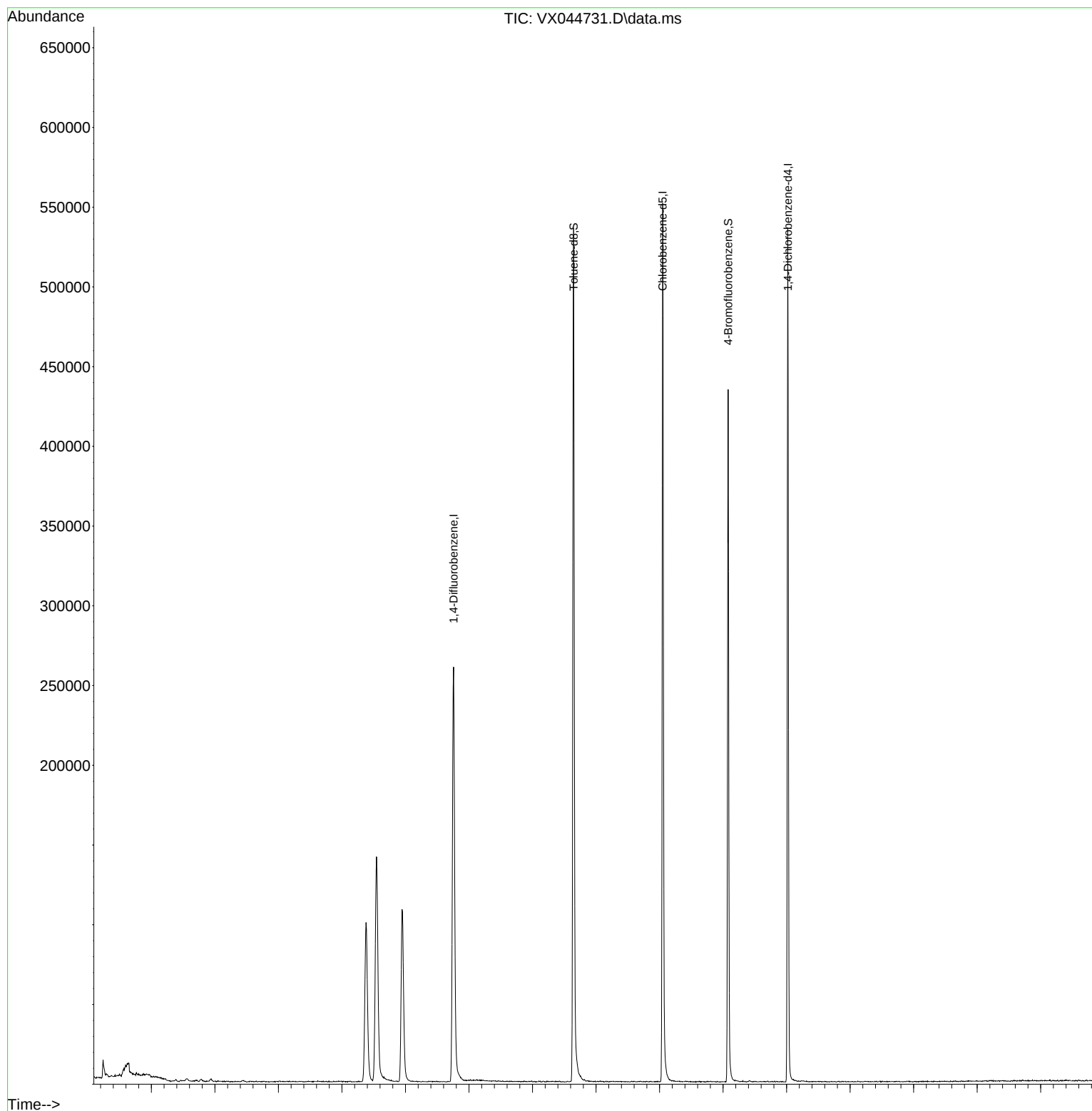
Target Compounds Qvalue

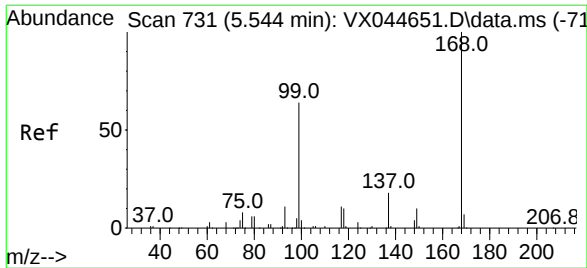
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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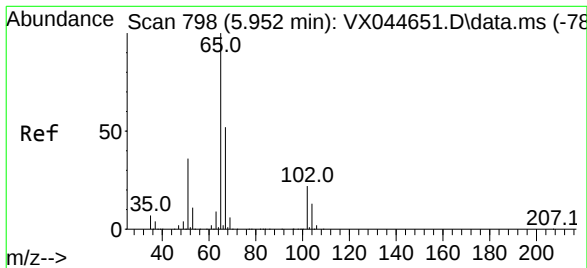
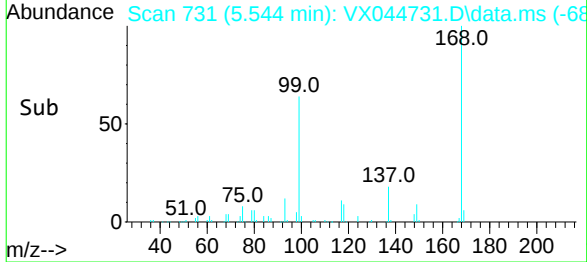
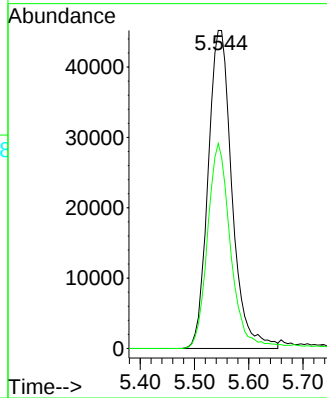
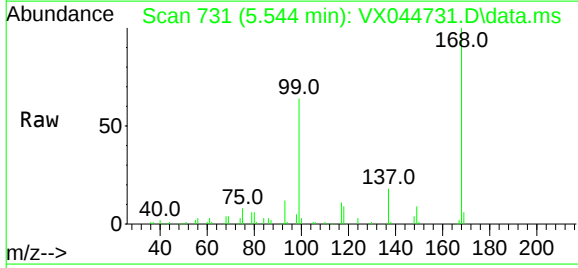




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

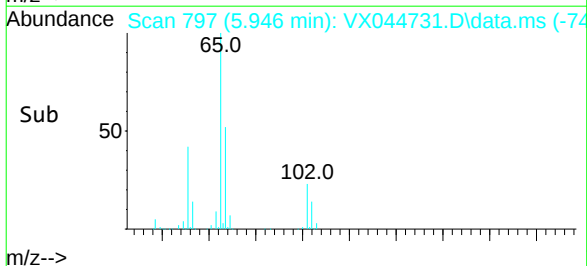
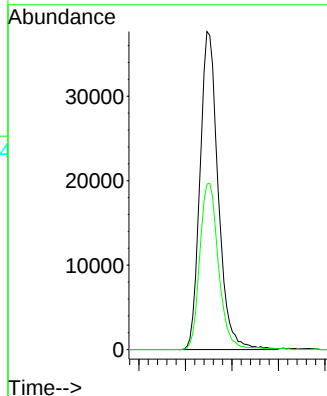
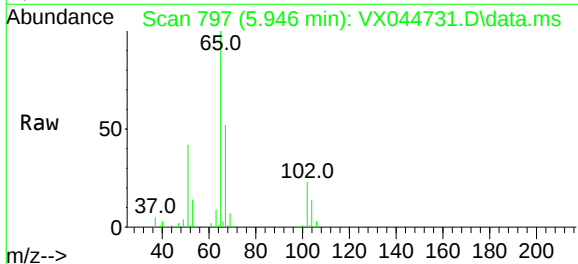
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

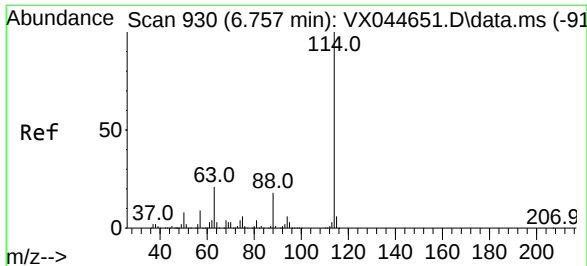
Tgt Ion:168 Resp: 138064
Ion Ratio Lower Upper
168 100
99 64.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.156 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044731.D
Acq: 27 Jan 2025 18:00

Tgt Ion: 65 Resp: 102440
Ion Ratio Lower Upper
65 100
67 53.8 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: VX044731.D

Acq: 27 Jan 2025 18:00

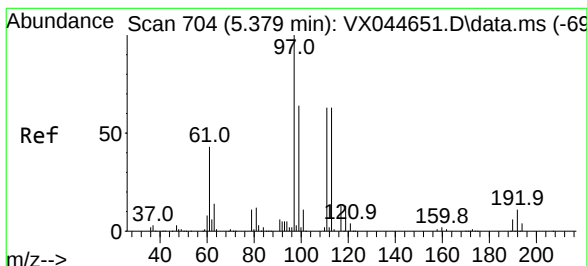
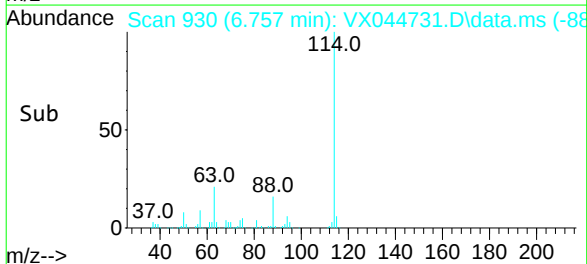
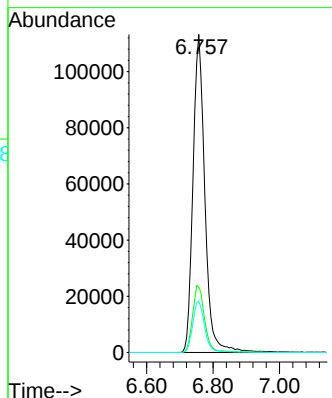
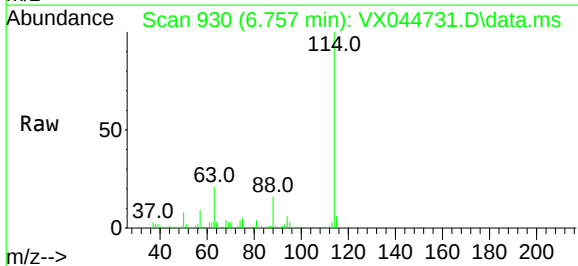
Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5

Tgt Ion:	114	Resp:	281466
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.0
88	16.2	0.0	35.4



#35

Dibromofluoromethane

Concen: 50.529 ug/l

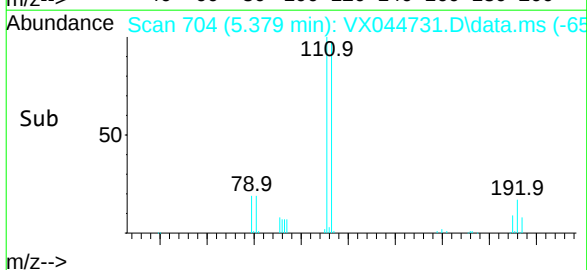
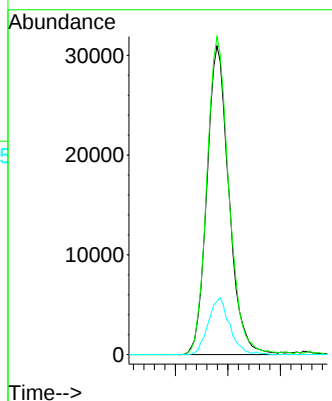
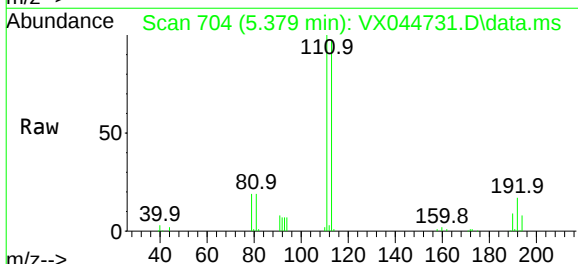
RT: 5.379 min Scan# 704

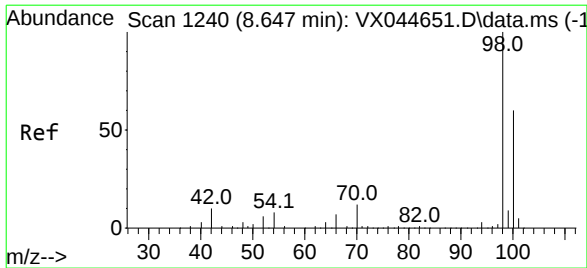
Delta R.T. 0.000 min

Lab File: VX044731.D

Acq: 27 Jan 2025 18:00

Tgt Ion:	113	Resp:	90352
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	17.7	14.4	21.6





#50

Toluene-d8

Concen: 55.210 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044731.D

Acq: 27 Jan 2025 18:00

Instrument :

MSVOA_X

ClientSampleId :

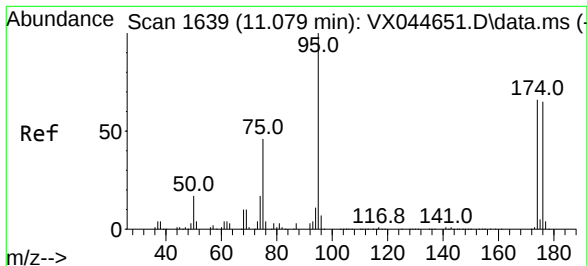
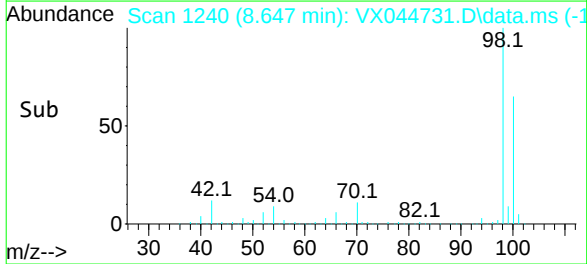
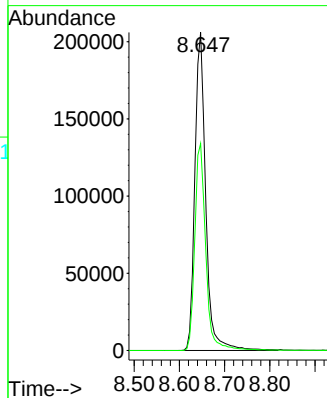
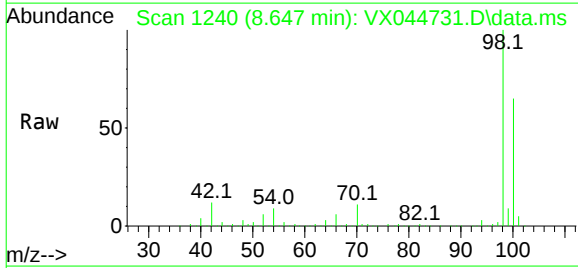
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 344222

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 52.943 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044731.D

Acq: 27 Jan 2025 18:00

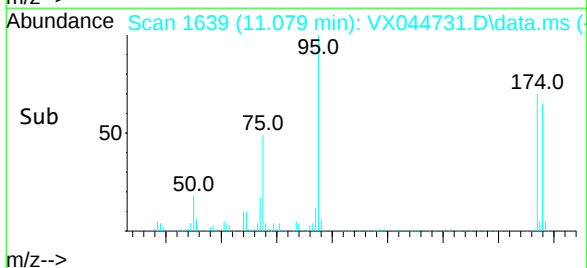
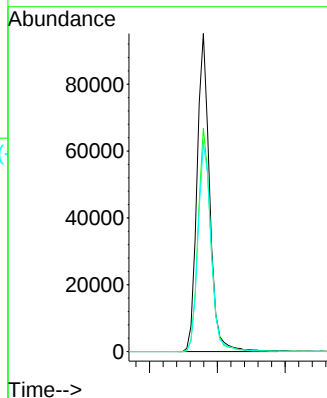
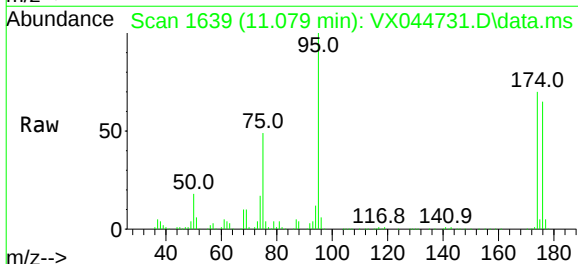
Tgt Ion: 95 Resp: 123053

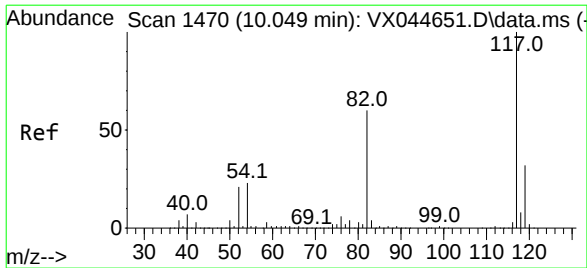
Ion Ratio Lower Upper

95 100

174 71.1 0.0 133.0

176 68.3 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: VX044731.D

Acq: 27 Jan 2025 18:00

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5

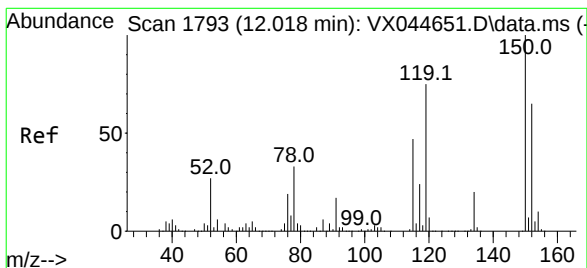
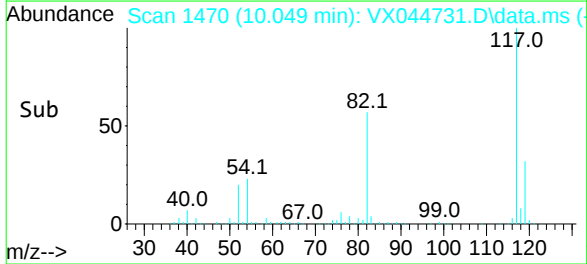
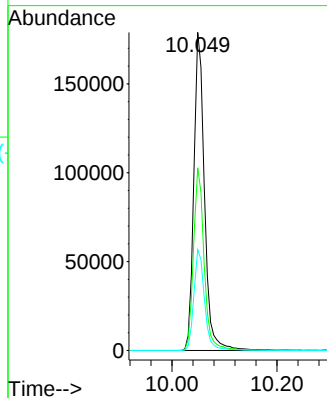
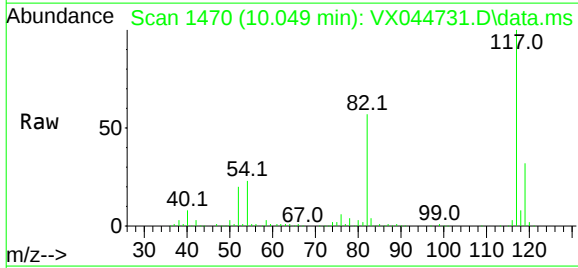
Tgt Ion:117 Resp: 252440

Ion Ratio Lower Upper

117 100

82 57.4 47.6 71.4

119 31.7 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: VX044731.D

Acq: 27 Jan 2025 18:00

Tgt Ion:152 Resp: 106684

Ion Ratio Lower Upper

152 100

115 62.7 43.8 131.4

150 158.3 0.0 347.8

