

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044733.D
 Acq On : 27 Jan 2025 18:46
 Operator : JC/MD
 Sample : Q1180-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jan 28 04:17:23 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	5.550	168	117704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	251635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99433	55.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.940%	
35) Dibromofluoromethane	5.379	113	76050	52.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	8.647	98	342511	67.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 134.800%#	
62) 4-Bromofluorobenzene	11.079	95	121838	64.313	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 128.620%#	

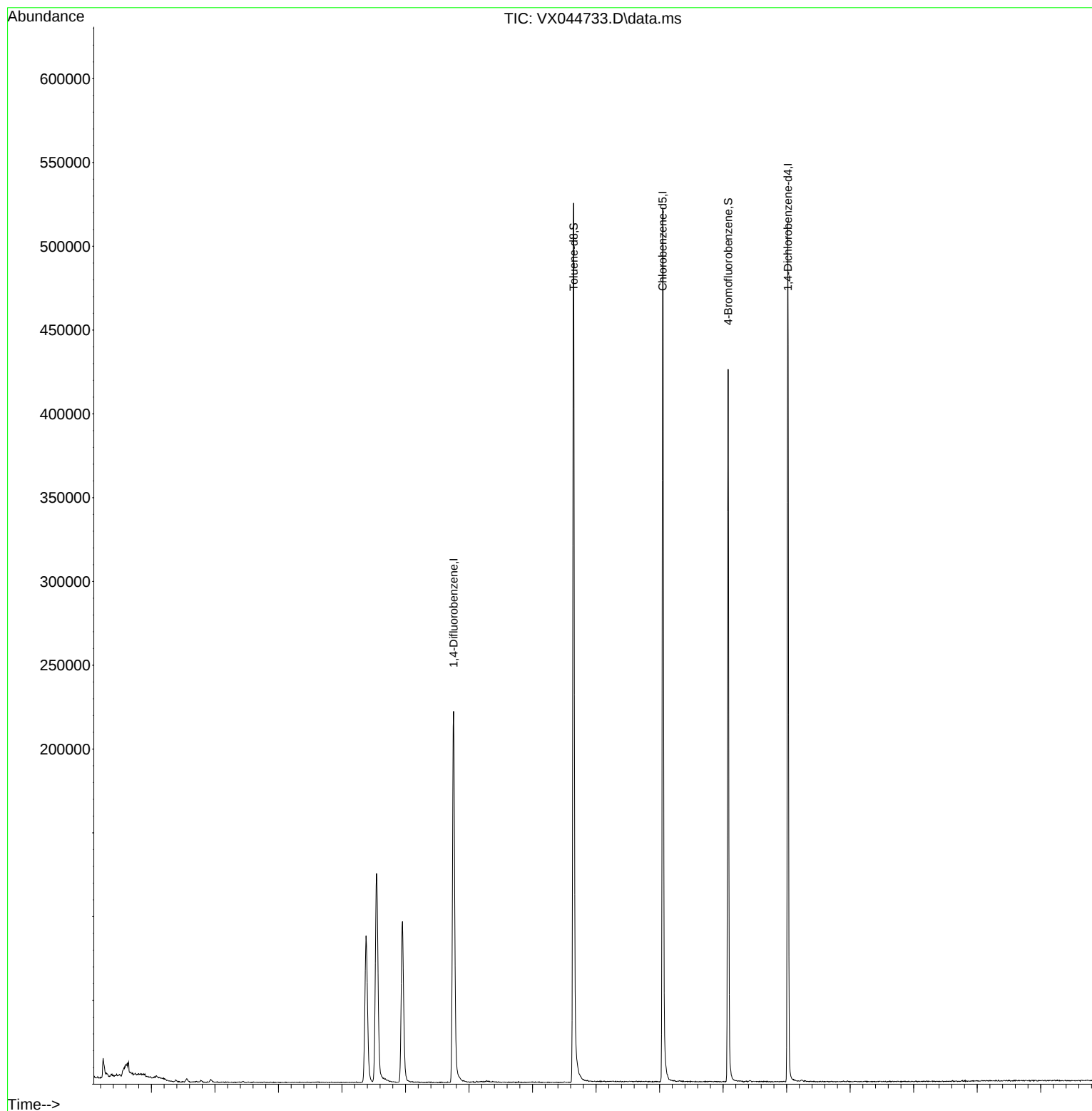
Target Compounds Qvalue

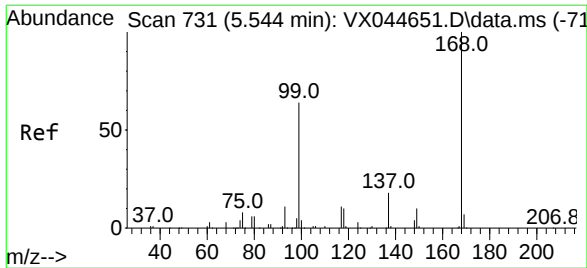
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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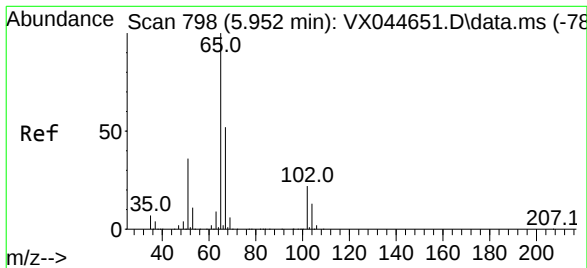
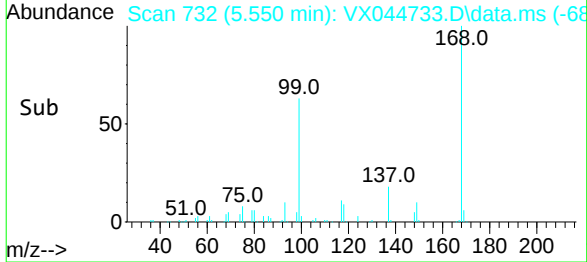
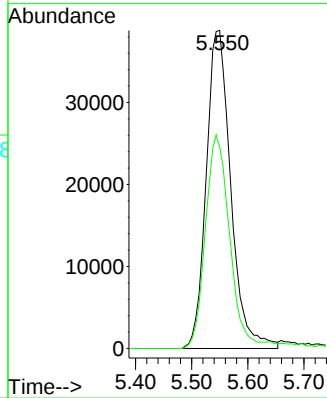
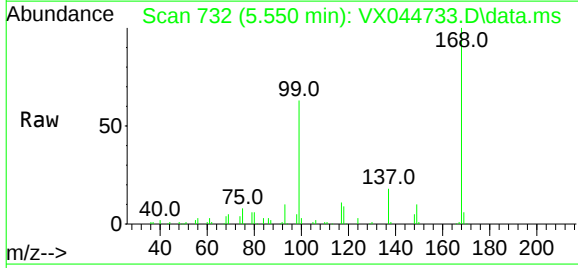




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

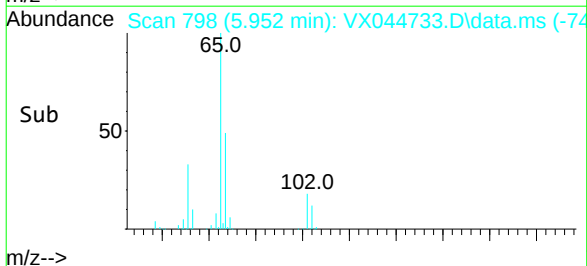
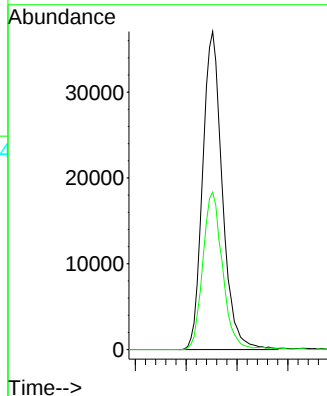
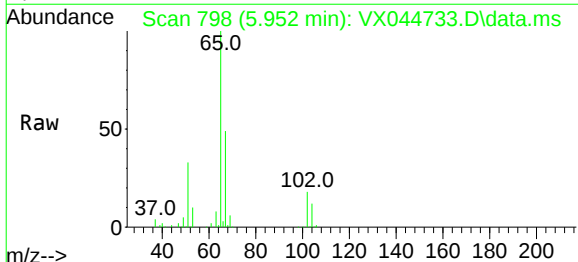
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

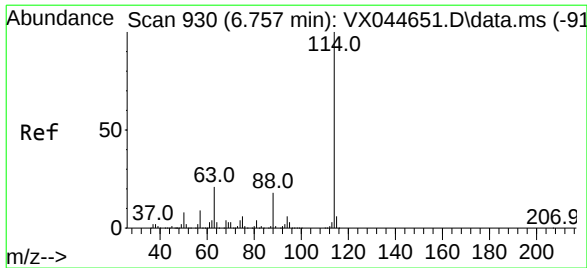
Tgt Ion:168 Resp: 117704
Ion Ratio Lower Upper
168 100
99 63.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 55.966 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion: 65 Resp: 99433
Ion Ratio Lower Upper
65 100
67 49.3 0.0 103.4

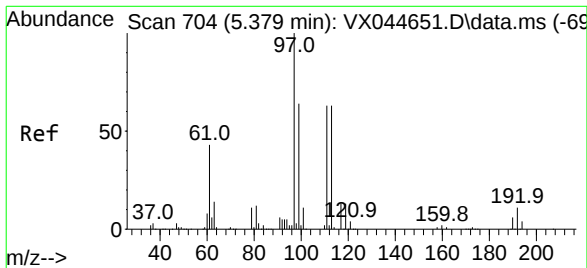
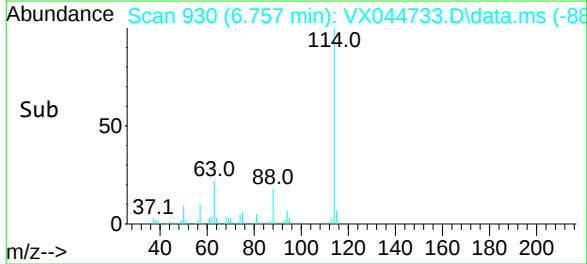
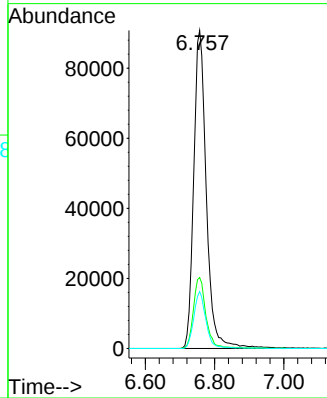
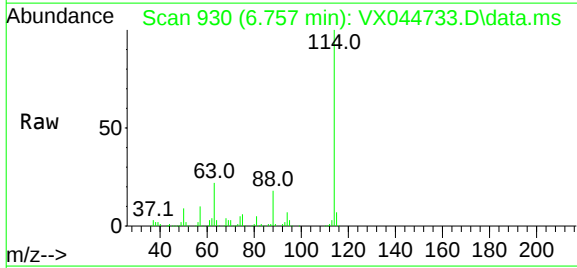




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

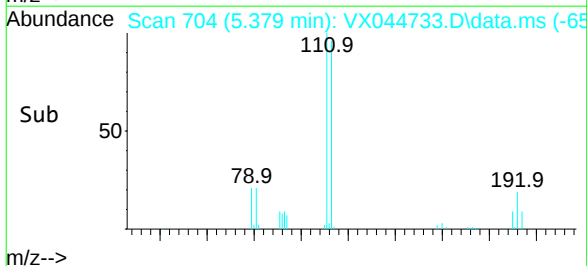
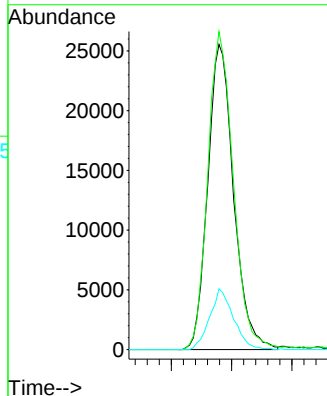
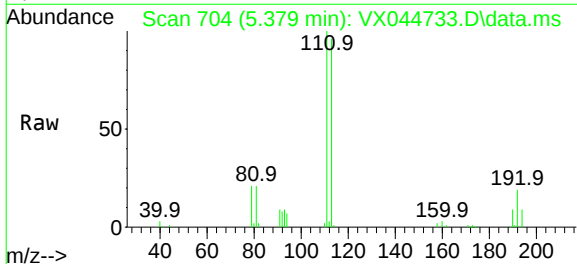
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MSVOA_X
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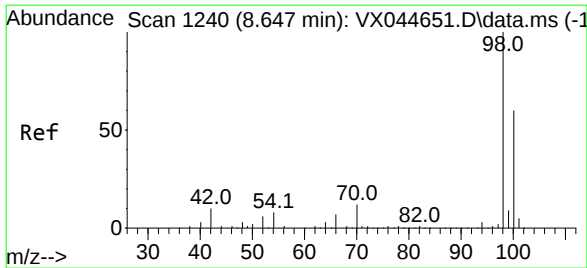
Tgt Ion:	114	Resp:	229417
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	17.9	0.0	35.4



#35
Dibromofluoromethane
Concen: 52.180 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044733.D
Acq: 27 Jan 2025 18:46

Tgt Ion:	113	Resp:	76050
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	18.3	14.4	21.6





#50

Toluene-d8

Concen: 67.399 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044733.D

Acq: 27 Jan 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

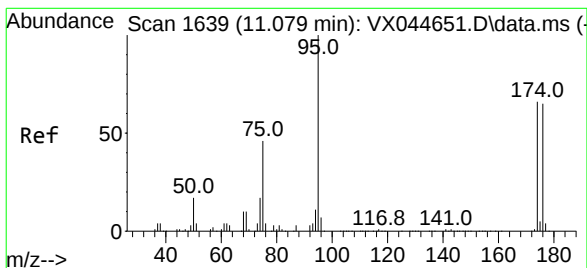
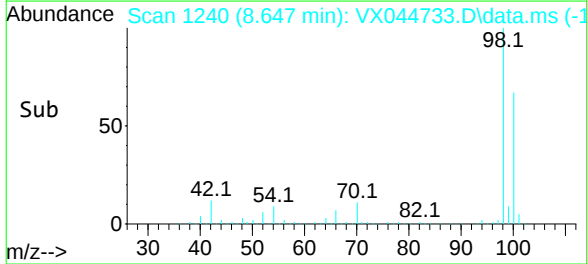
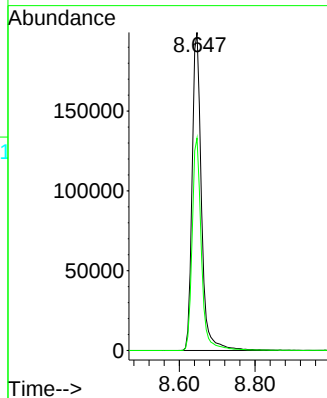
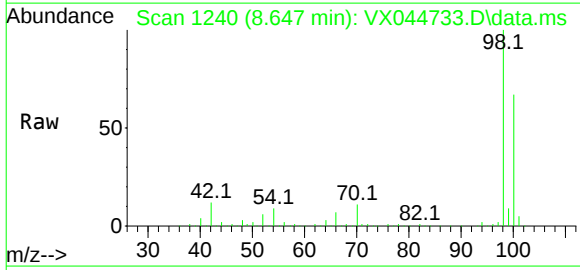
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 342511

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 64.313 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044733.D

Acq: 27 Jan 2025 18:46

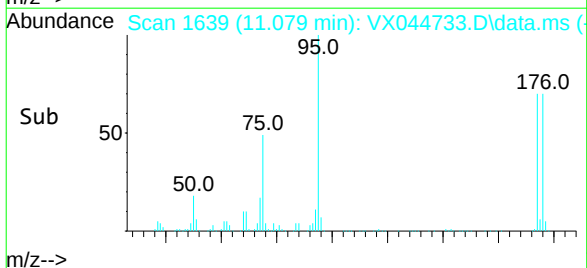
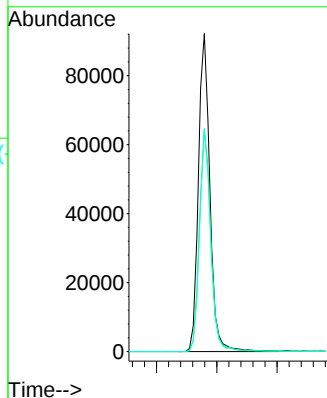
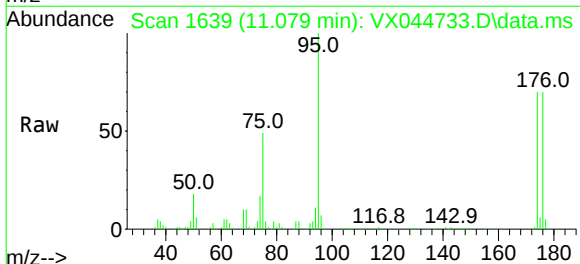
Tgt Ion: 95 Resp: 121838

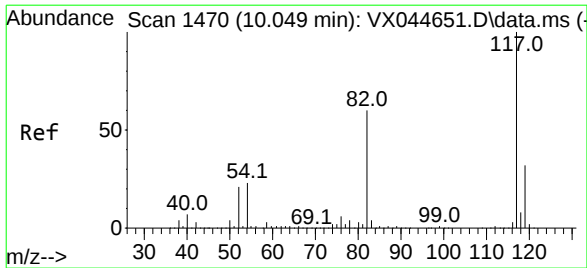
Ion Ratio Lower Upper

95 100

174 70.1 0.0 133.0

176 67.7 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: VX044733.D

Acq: 27 Jan 2025 18:46

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

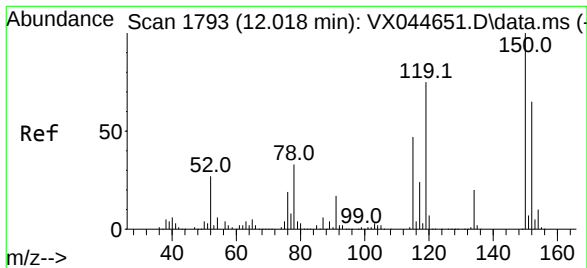
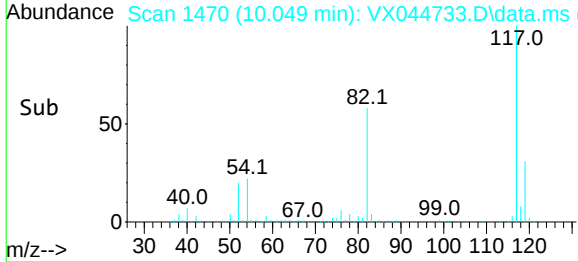
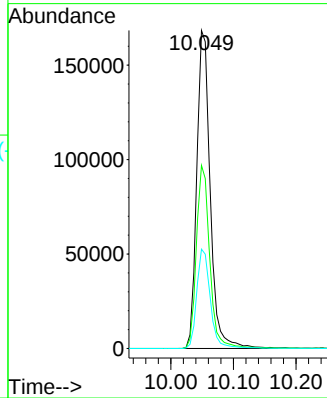
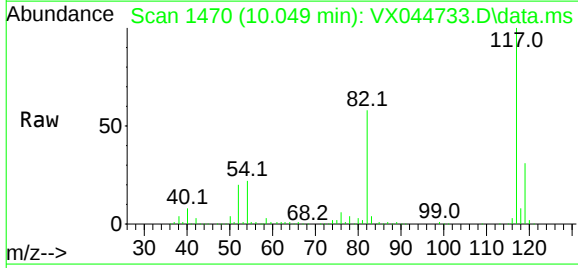
Tgt Ion:117 Resp: 251635

Ion Ratio Lower Upper

117 100

82 57.6 47.6 71.4

119 31.2 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: VX044733.D

Acq: 27 Jan 2025 18:46

Tgt Ion:152 Resp: 105458

Ion Ratio Lower Upper

152 100

115 60.5 43.8 131.4

150 156.9 0.0 347.8

