

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
Data File : VX044445.D
Acq On : 20 Dec 2024 12:26
Operator : JC/MD
Sample : P5314-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241213

Quant Time: Dec 20 14:08:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88659	42.982	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	85.960%	
35) Dibromofluoromethane	5.385	113	66732	46.193	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.380%	
50) Toluene-d8	8.647	98	246144	50.504	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.000%	
62) 4-Bromofluorobenzene	11.079	95	80161	47.070	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.140%	

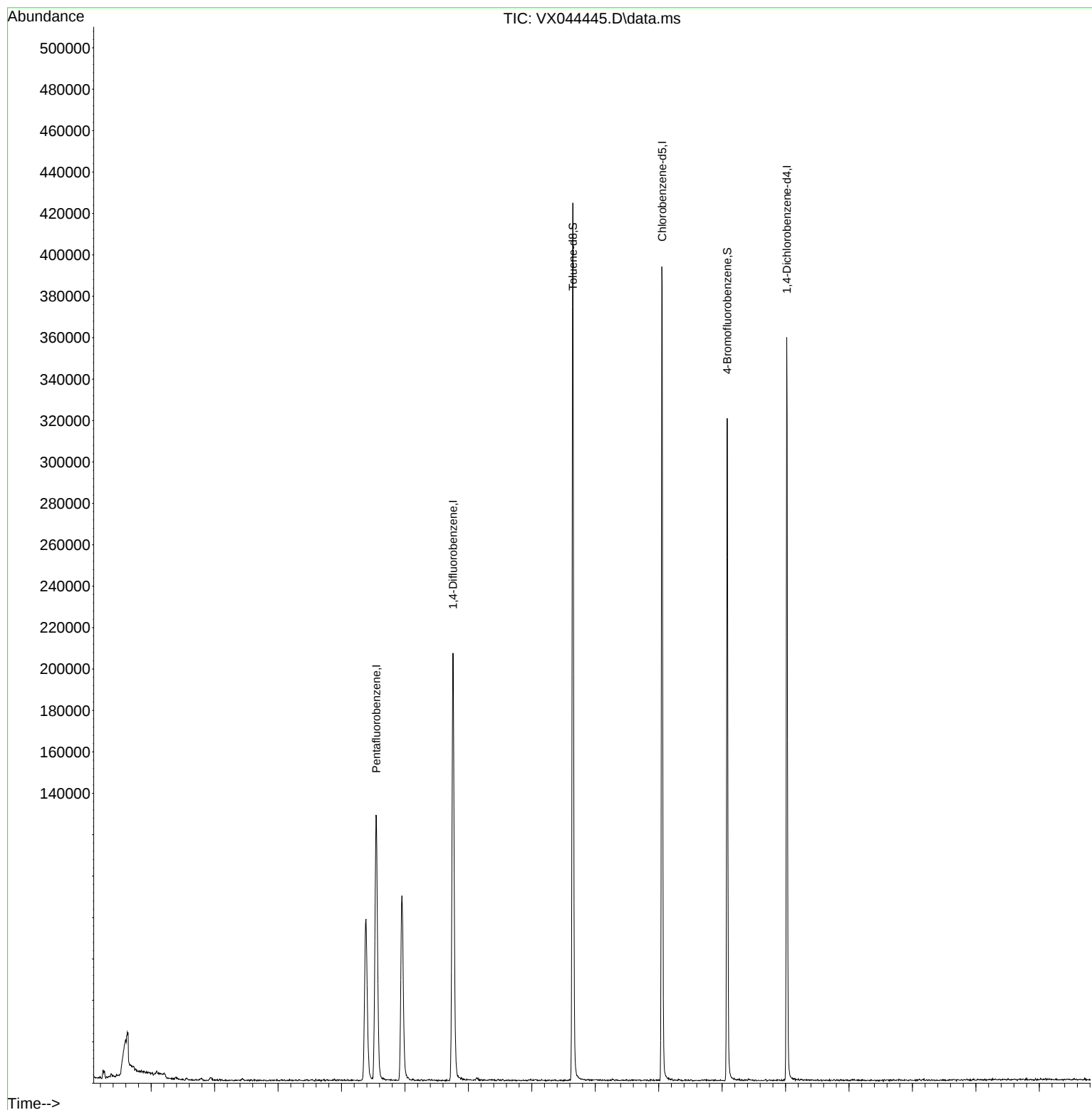
Target Compounds Qvalue

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

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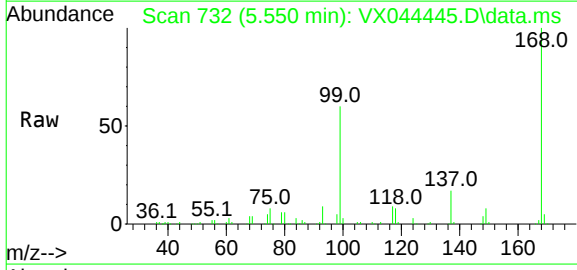
Quant Time: Dec 20 14:08:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
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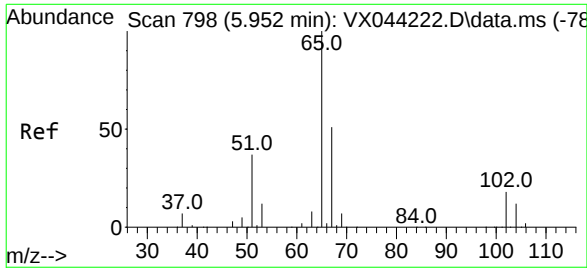
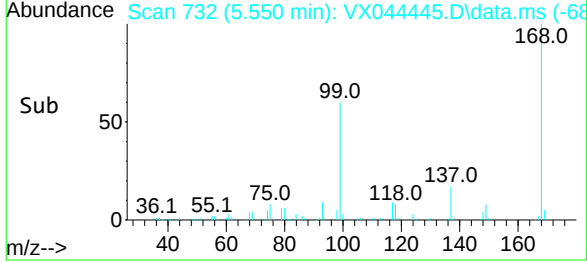
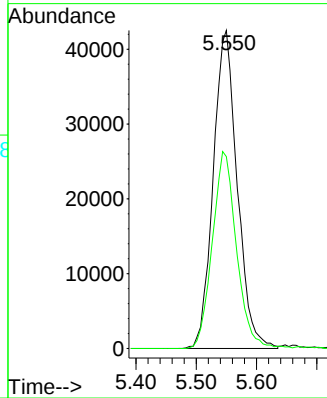


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241213

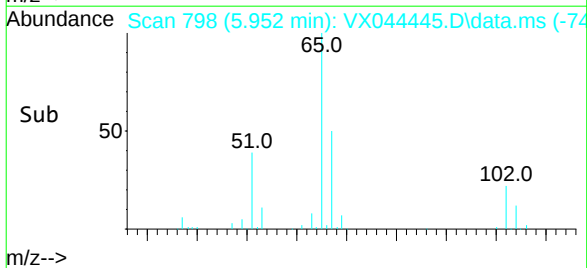
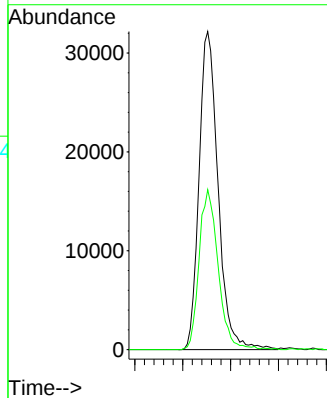
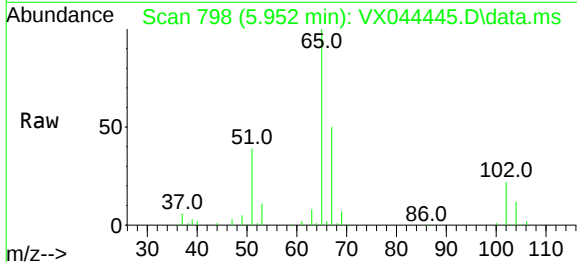


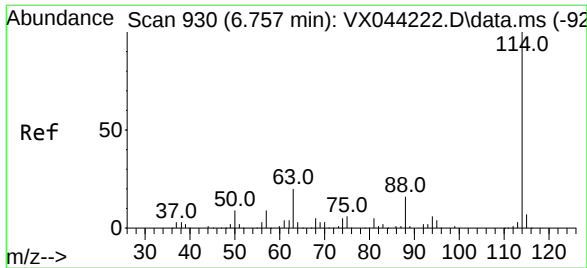
Tgt Ion:168 Resp: 117644
Ion Ratio Lower Upper
168 100
99 60.3 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 42.982 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion: 65 Resp: 88659
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

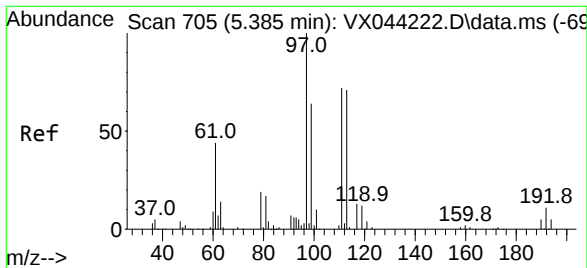
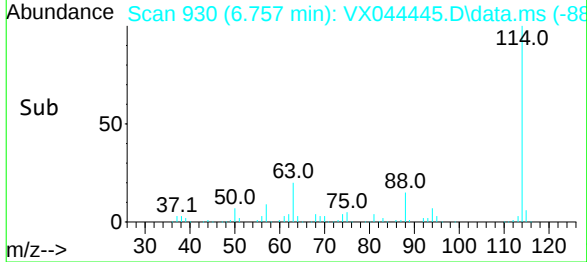
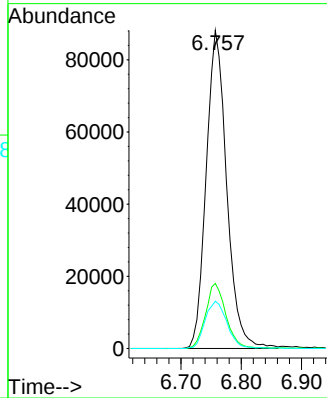
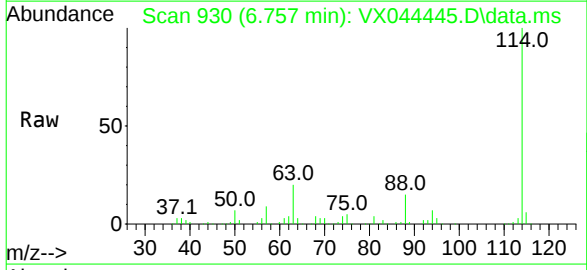




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

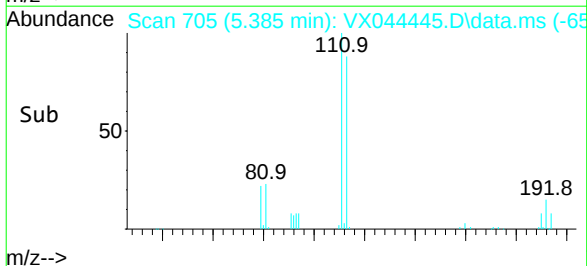
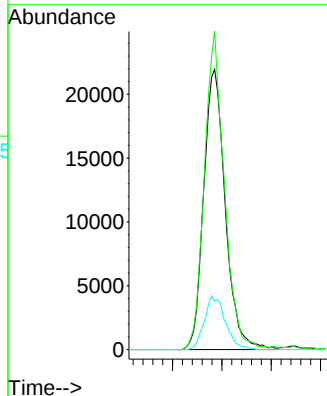
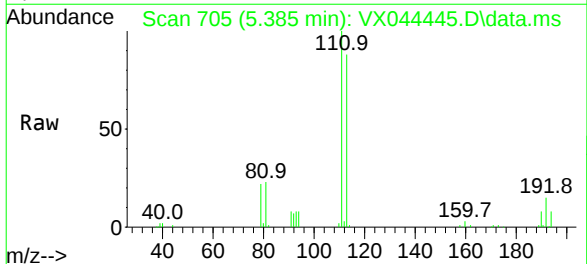
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-TB-20241213

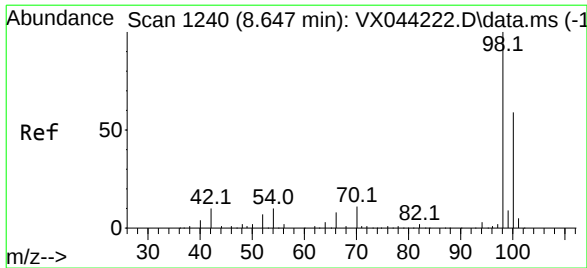
Tgt Ion:	114	Resp:	208582
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.6
88	14.9	0.0	31.8



#35
Dibromofluoromethane
Concen: 46.193 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044445.D
Acq: 20 Dec 2024 12:26

Tgt Ion:	113	Resp:	66732
Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.4	120.6
192	18.6	13.3	19.9





#50

Toluene-d8

Concen: 50.504 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044445.D

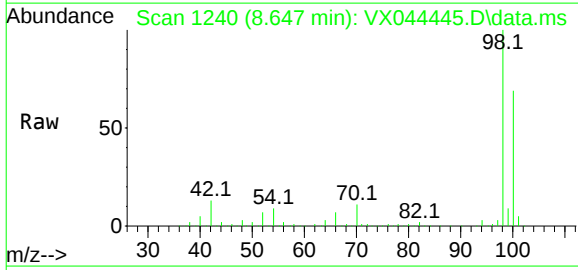
Acq: 20 Dec 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-TB-20241213

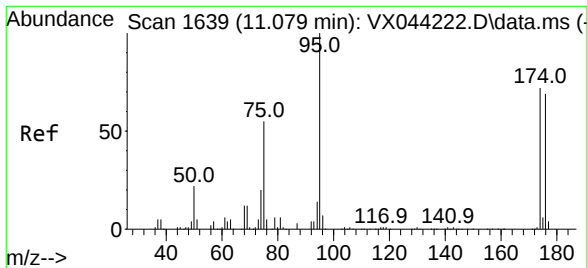
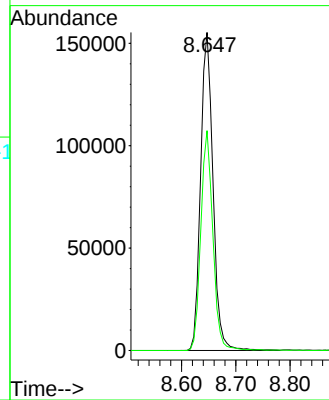
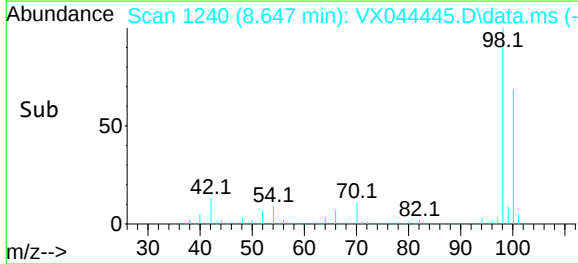


Tgt Ion: 98 Resp: 246144

Ion Ratio Lower Upper

98 100

100 67.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.070 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044445.D

Acq: 20 Dec 2024 12:26

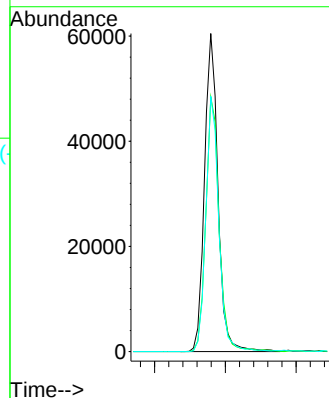
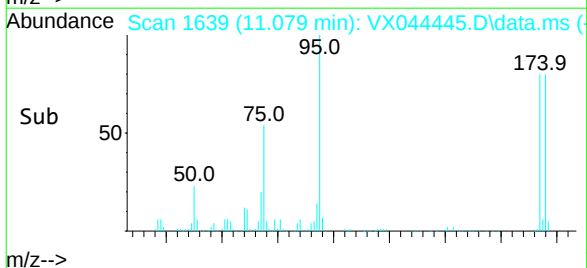
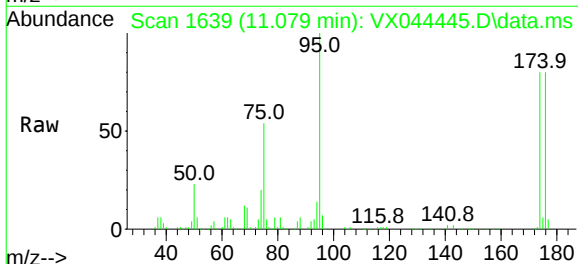
Tgt Ion: 95 Resp: 80161

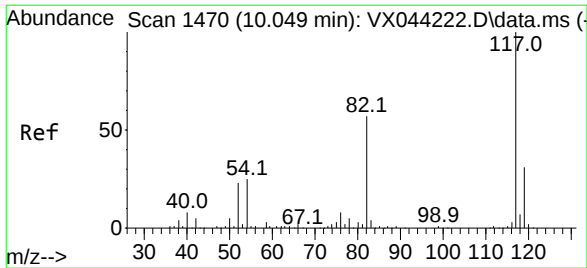
Ion Ratio Lower Upper

95 100

174 79.1 0.0 145.8

176 77.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044445.D

Acq: 20 Dec 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-TB-20241213

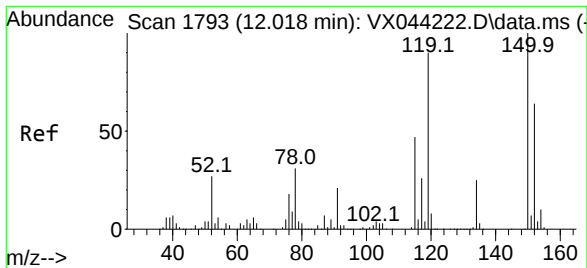
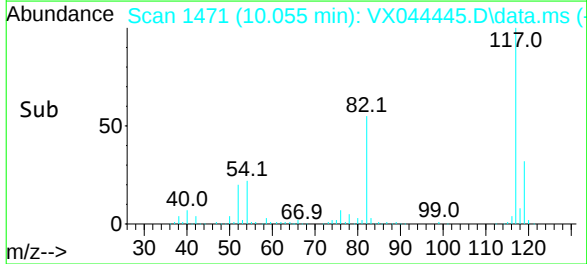
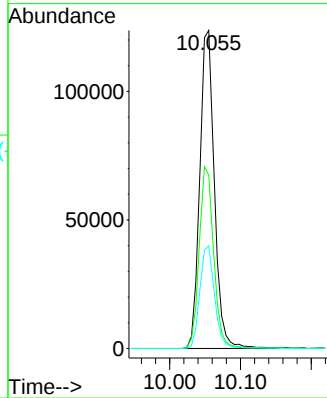
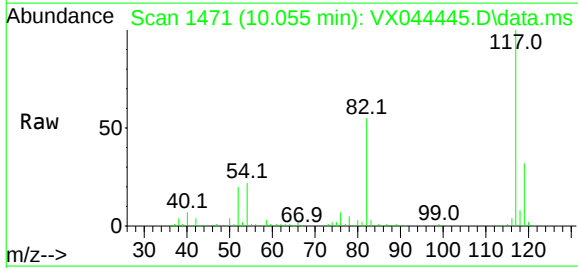
Tgt Ion:117 Resp: 178072

Ion Ratio Lower Upper

117 100

82 54.6 45.8 68.8

119 32.3 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044445.D

Acq: 20 Dec 2024 12:26

Tgt Ion:152 Resp: 71905

Ion Ratio Lower Upper

152 100

115 59.7 44.5 133.3

150 155.6 0.0 353.8

