

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041498.D
 Acq On : 13 May 2024 17:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 14 01:35:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	230996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87740	51.600	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.200%	
35) Dibromofluoromethane	5.385	113	70632	45.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.240%	
50) Toluene-d8	8.647	98	224002	45.211	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.420%#	
62) 4-Bromofluorobenzene	11.079	95	98468	51.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.680%	

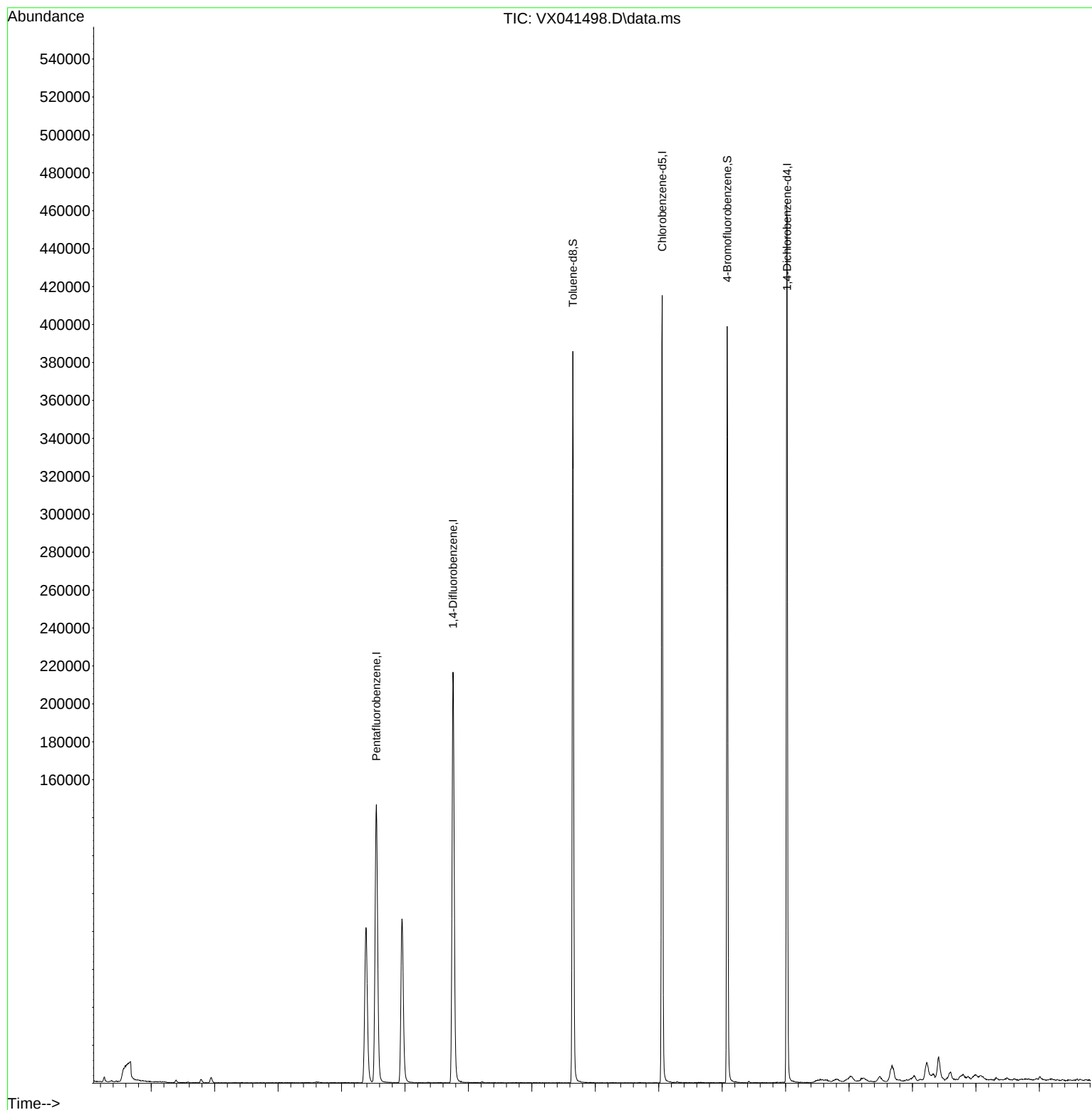
Target Compounds Qvalue

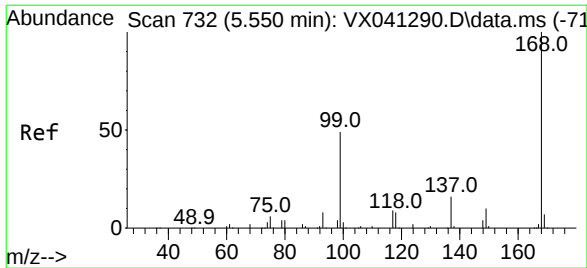
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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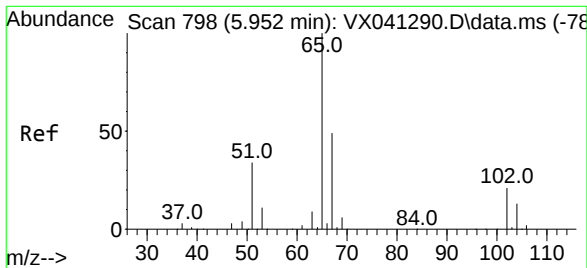
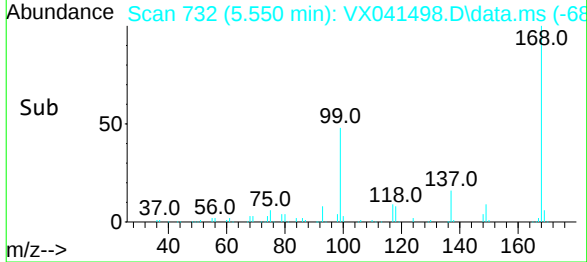
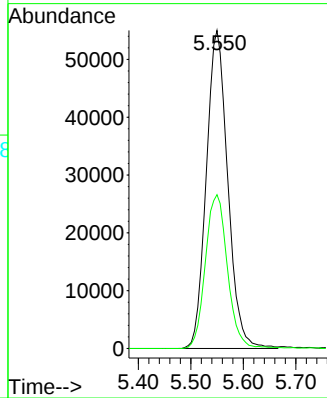
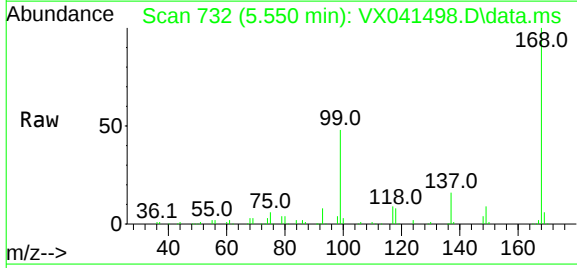




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:22

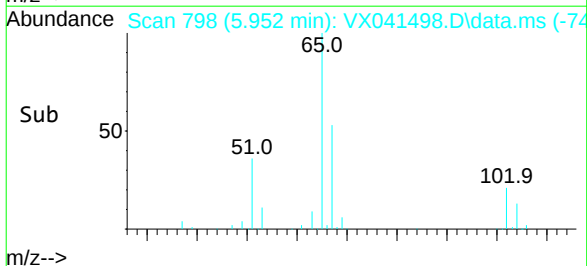
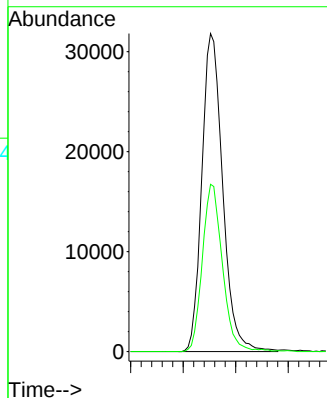
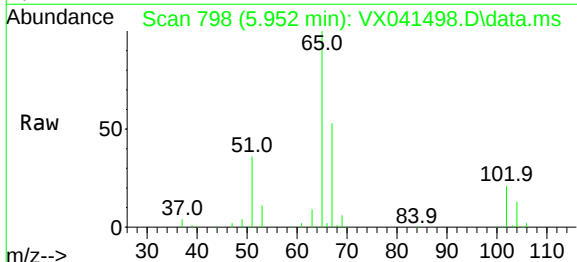
Instrument :
MSVOA_X
ClientSampleId :
IBLK

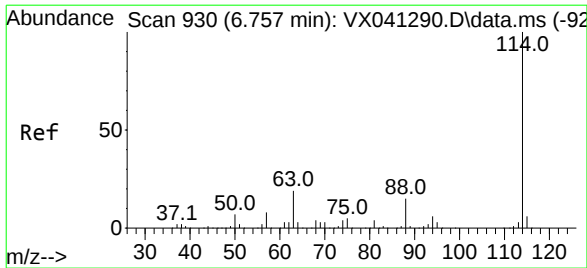
Tgt Ion:168 Resp: 156195
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 51.600 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:22

Tgt Ion: 65 Resp: 87740
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

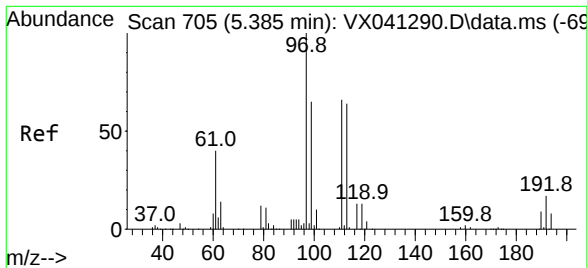
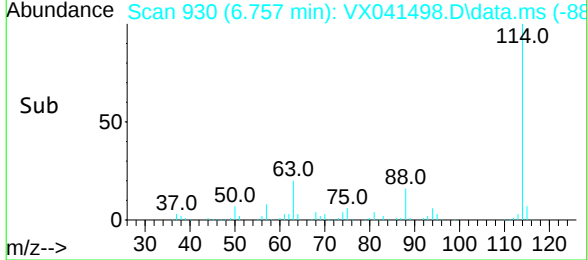
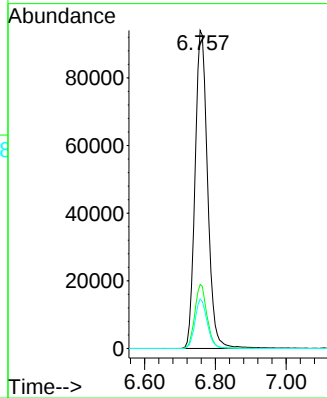
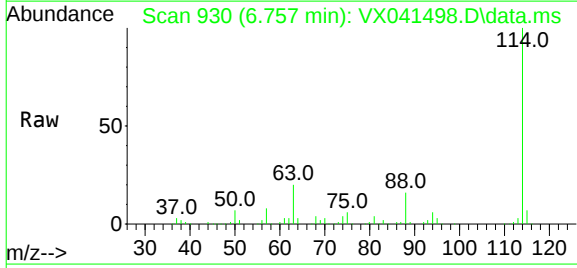




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:22

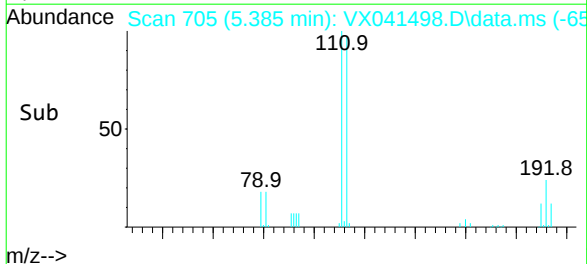
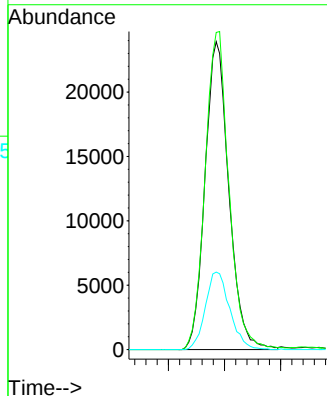
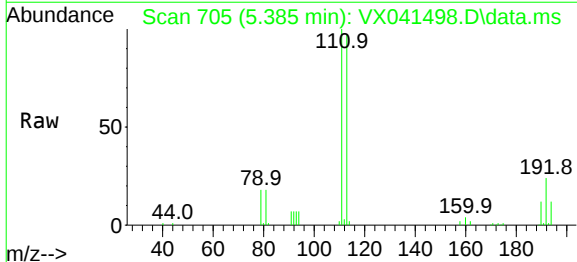
Instrument :
MSVOA_X
ClientSampleId :
IBLK

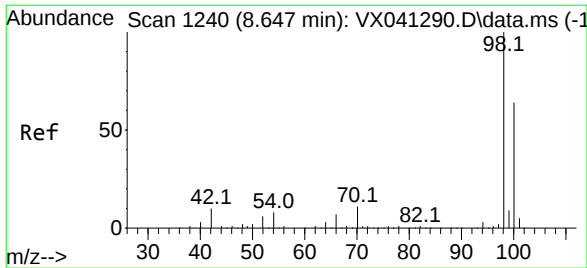
Tgt Ion:	114	Resp:	230996
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.0
88	15.6	0.0	36.6



#35
Dibromofluoromethane
Concen: 45.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041498.D
Acq: 13 May 2024 17:22

Tgt Ion:	113	Resp:	70632
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	25.7	13.3	19.9





#50

Toluene-d8

Concen: 45.211 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041498.D

Acq: 13 May 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

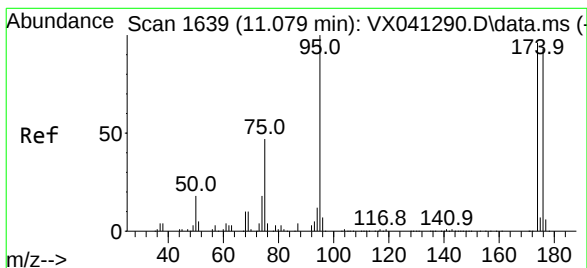
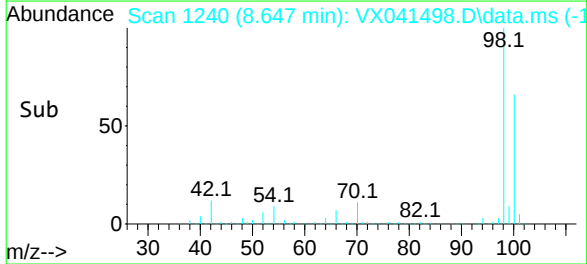
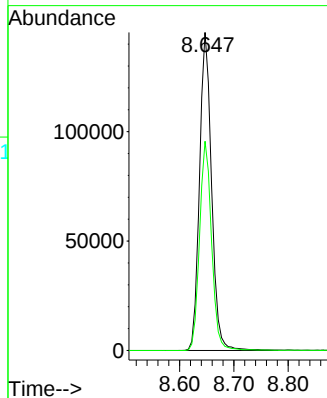
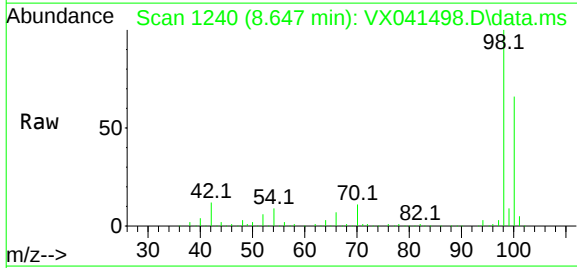
IBLK

Tgt Ion: 98 Resp: 224002

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 51.340 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041498.D

Acq: 13 May 2024 17:22

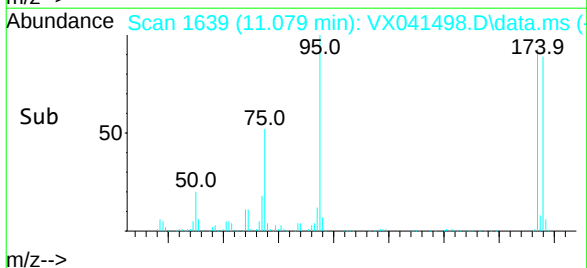
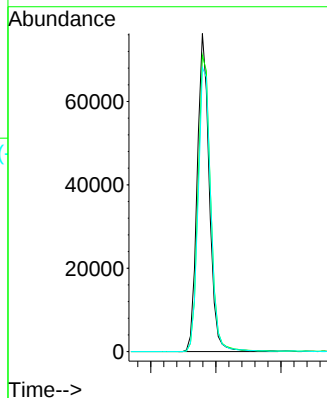
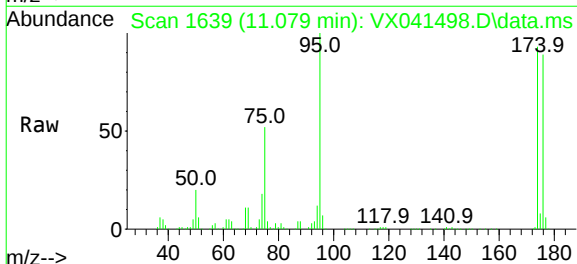
Tgt Ion: 95 Resp: 98468

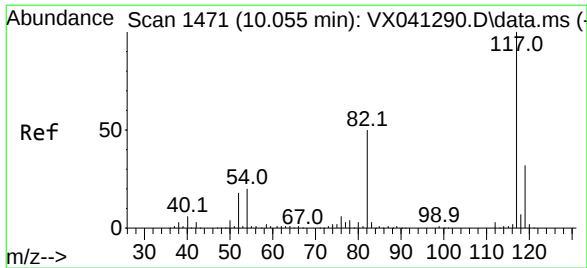
Ion Ratio Lower Upper

95 100

174 97.0 0.0 135.6

176 93.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041498.D

Acq: 13 May 2024 17:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

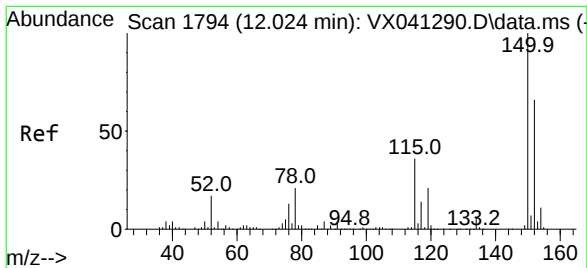
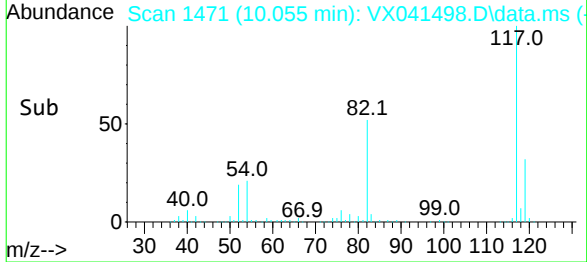
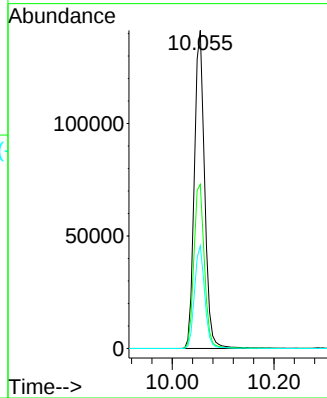
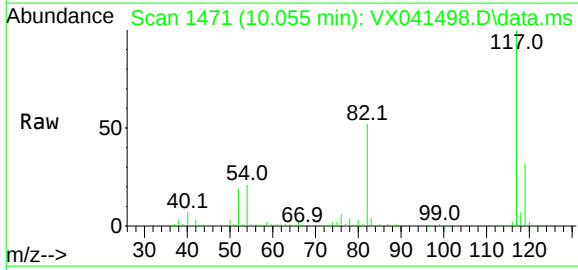
Tgt Ion:117 Resp: 198984

Ion Ratio Lower Upper

117 100

82 51.6 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041498.D

Acq: 13 May 2024 17:22

Tgt Ion:152 Resp: 107891

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.8 0.0 345.0

