

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042026.D
 Acq On : 25 Jun 2024 12:49
 Operator : JC/MD
 Sample : P3052-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240624

Quant Time: Jun 26 05:36:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	148108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	227307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74775	43.783	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.385	113	70792	43.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.647	98	265080	46.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.079	95	99164	47.477	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%

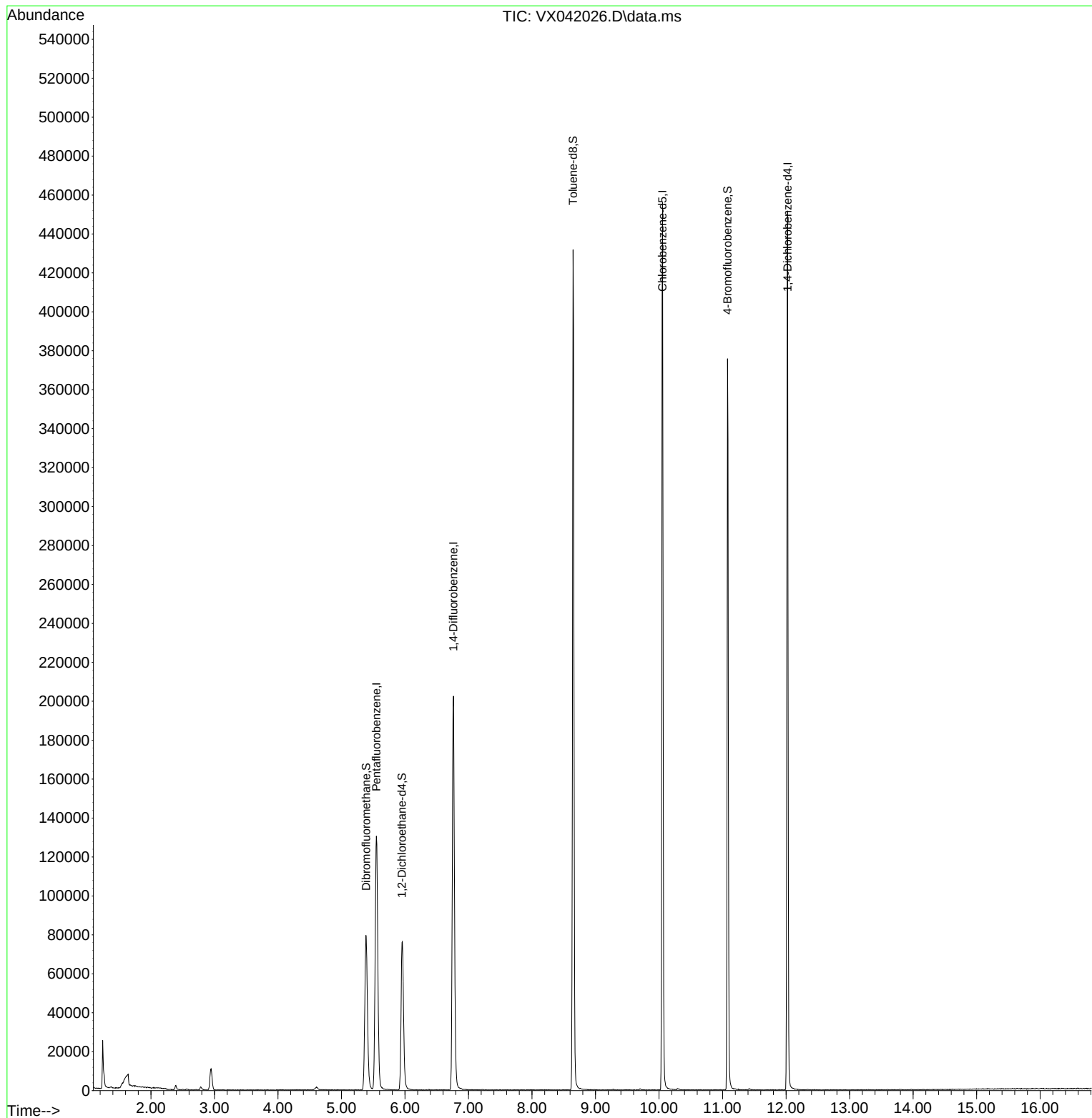
Target Compounds	Qvalue

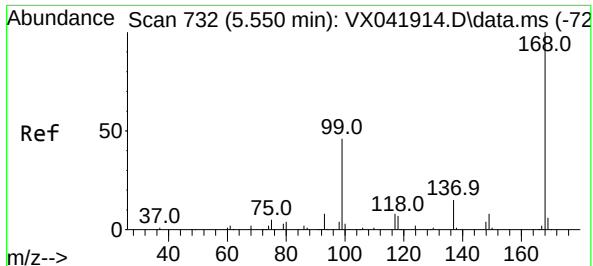
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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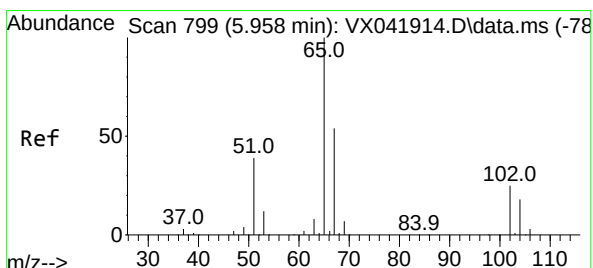
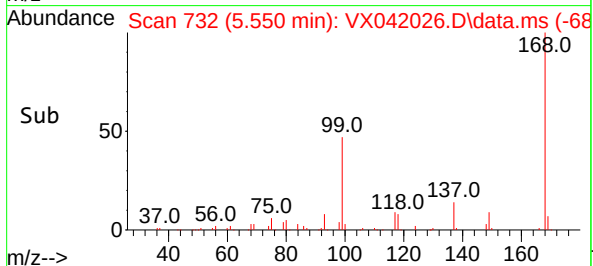
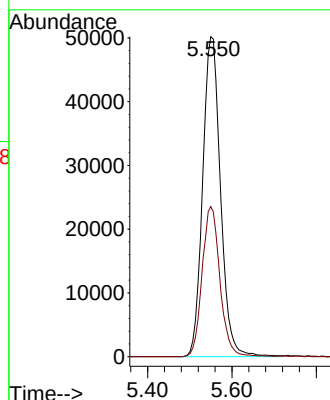
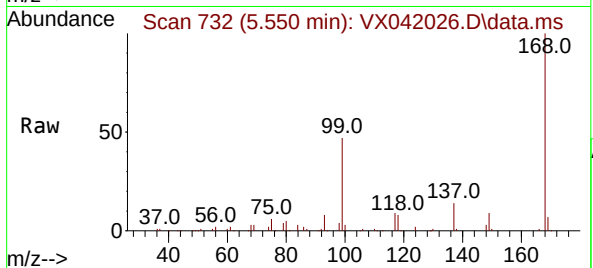




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

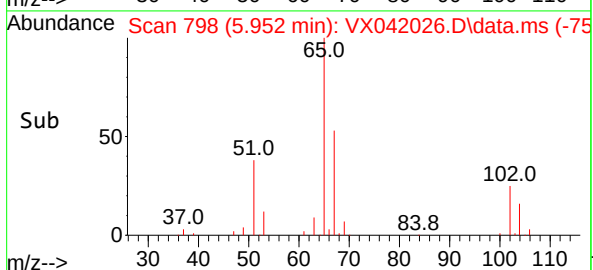
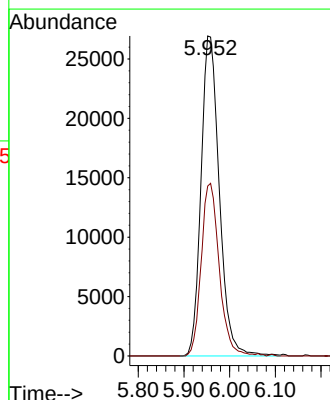
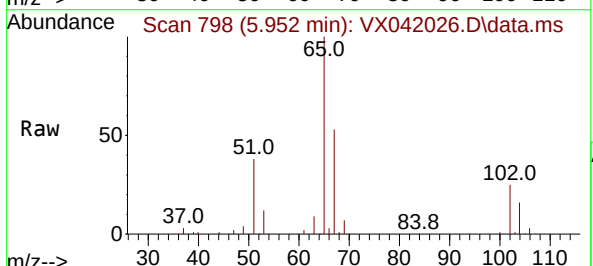
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

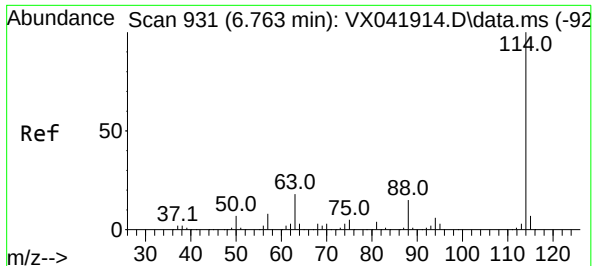
Tgt Ion:168 Resp: 148108
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 43.783 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 65 Resp: 74775
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

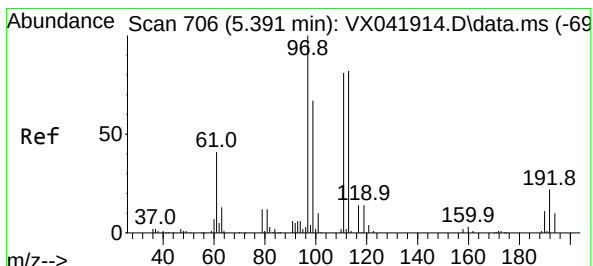
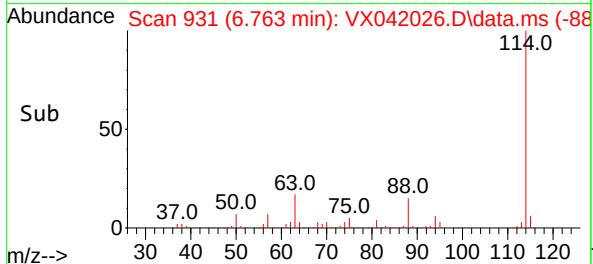
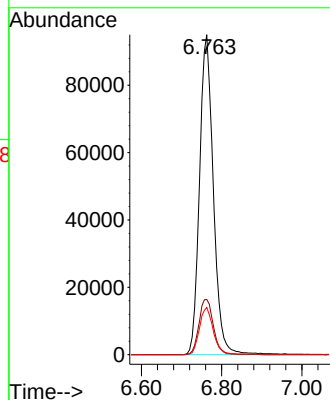
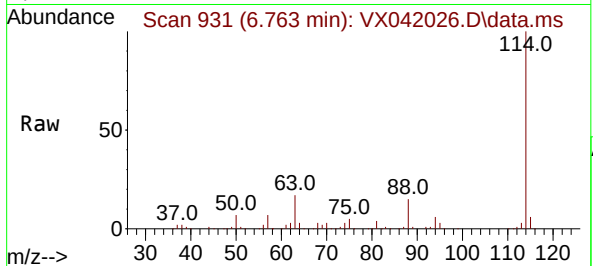




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

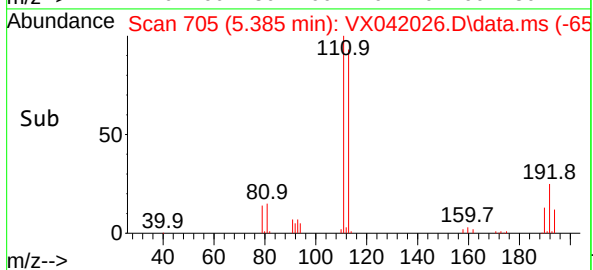
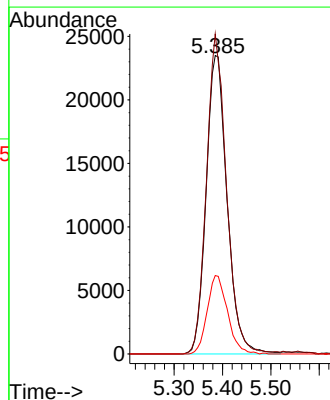
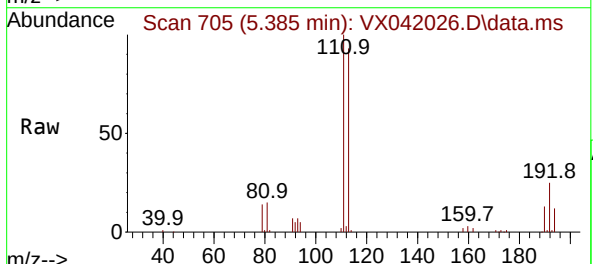
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

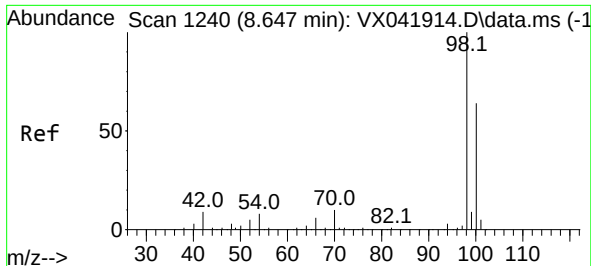
Tgt Ion:114 Resp: 227307
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion:113 Resp: 70792
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 25.4 13.3 19.9#

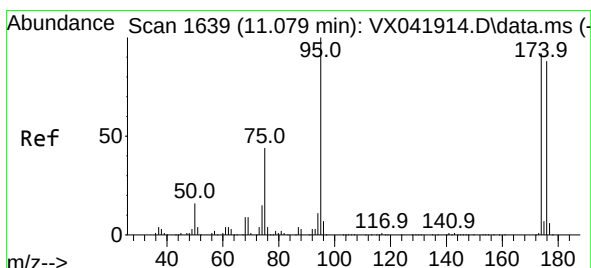
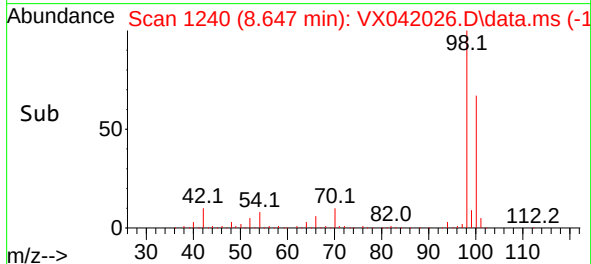
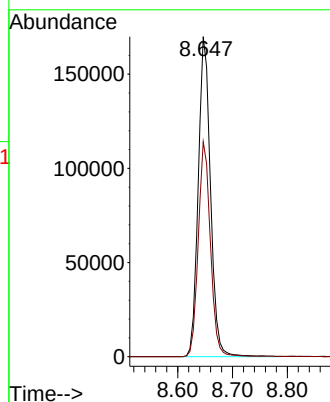
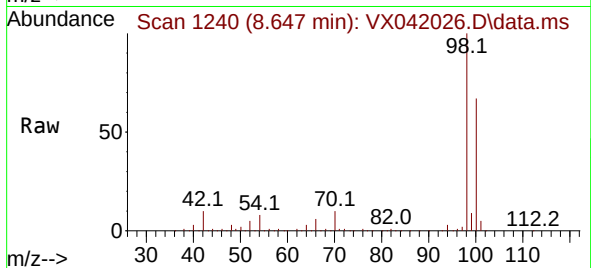




#50
Toluene-d8
Concen: 46.784 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

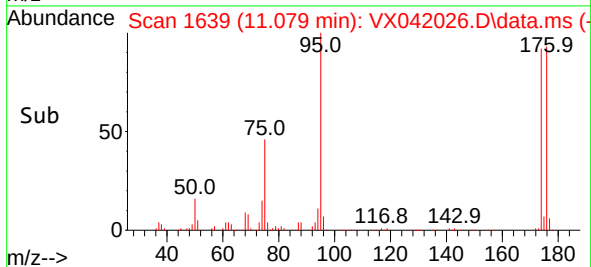
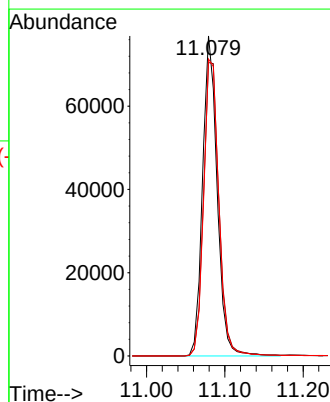
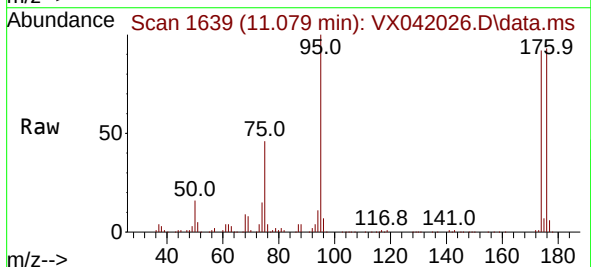
Instrument :
MSVOA_X
ClientSampleId :
TB-20240624

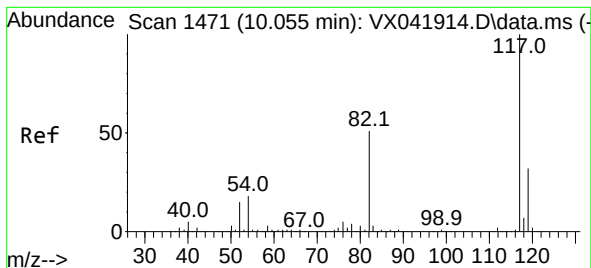
Tgt Ion: 98 Resp: 265080
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042026.D
Acq: 25 Jun 2024 12:49

Tgt Ion: 95 Resp: 99164
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 96.2 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: VX042026.D

Acq: 25 Jun 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

TB-20240624

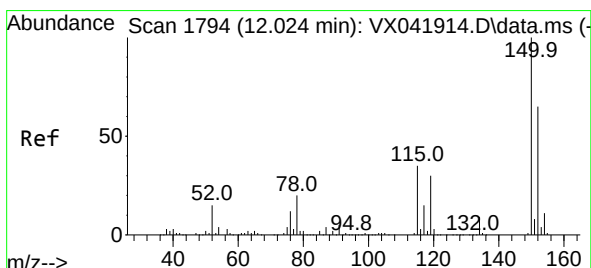
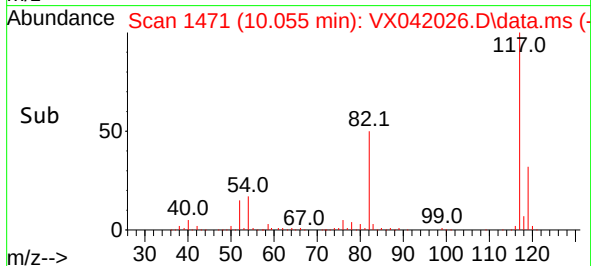
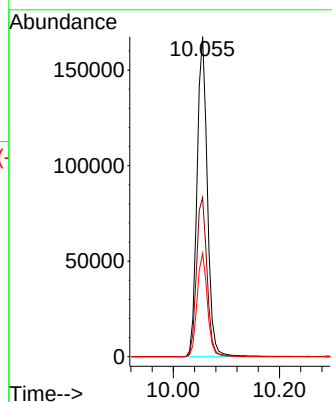
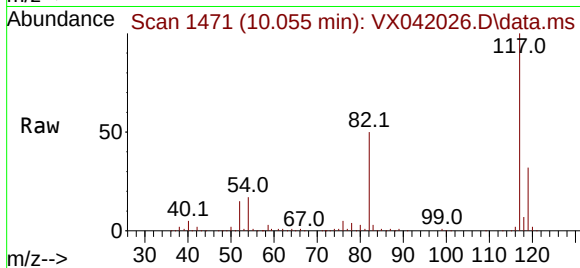
Tgt Ion:117 Resp: 225833

Ion Ratio Lower Upper

117 100

82 49.7 46.2 69.4

119 32.2 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: VX042026.D

Acq: 25 Jun 2024 12:49

Tgt Ion:152 Resp: 110377

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 155.6 0.0 345.0

