

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039653.D
 Acq On : 08 Jan 2024 10:08
 Operator : JC/MD
 Sample : VX0108WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBL01

Quant Time: Jan 09 04:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	86131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72316	45.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.379	113	57101	46.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	225942	49.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	99718	52.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.980%

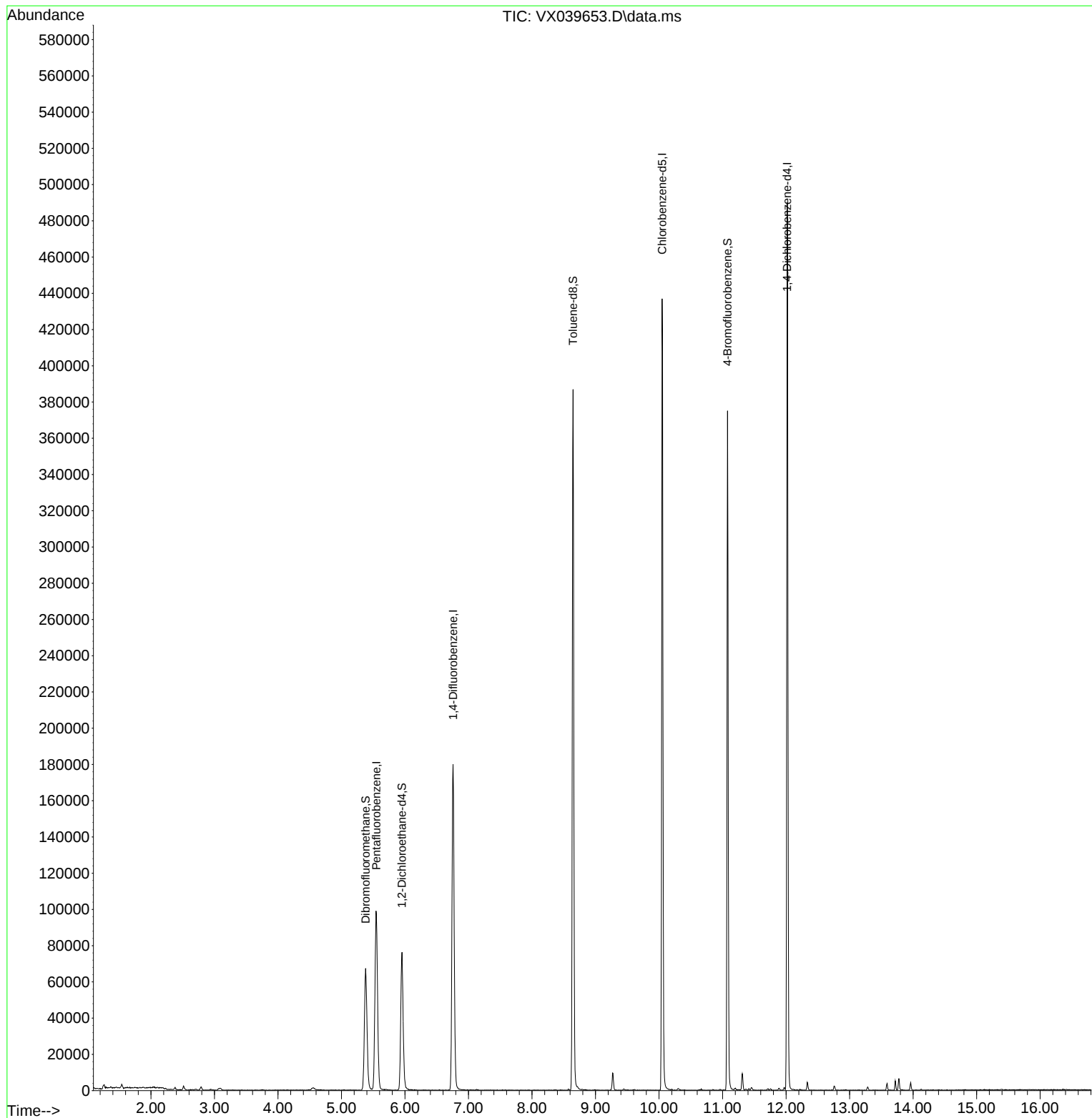
Target Compounds	Qvalue

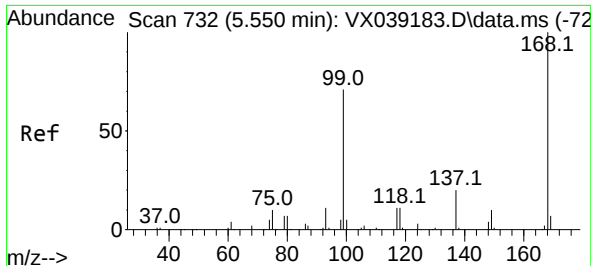
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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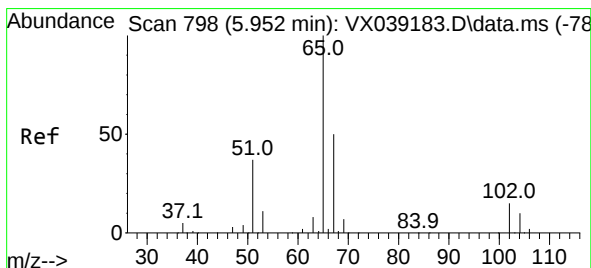
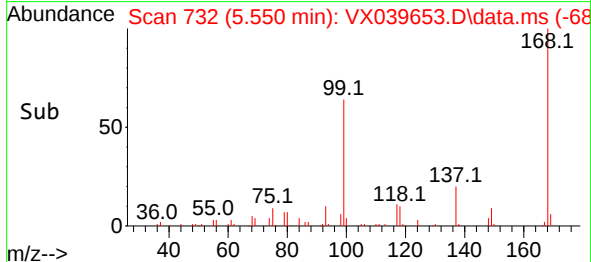
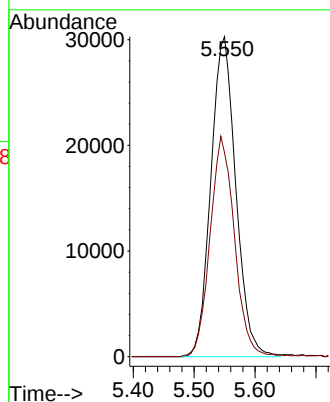
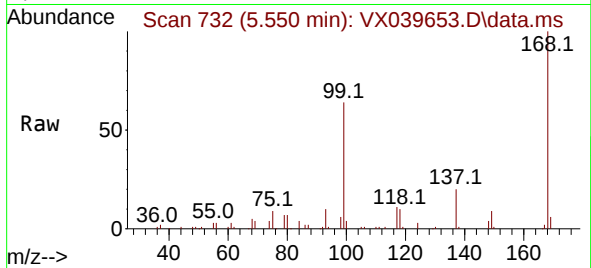




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

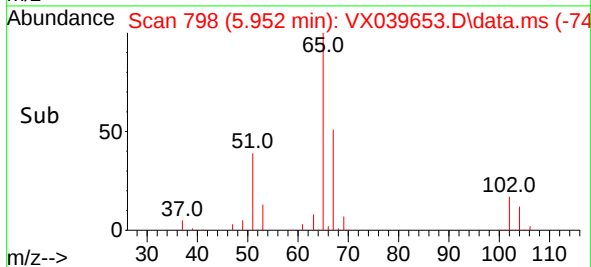
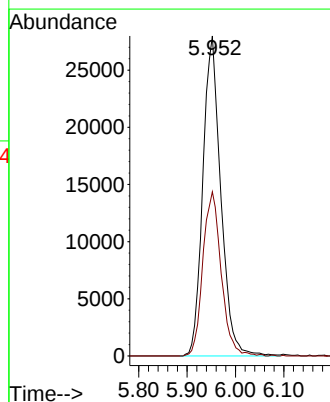
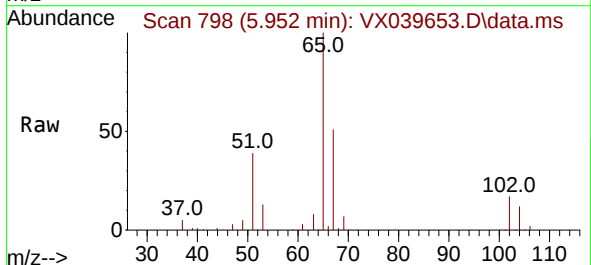
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

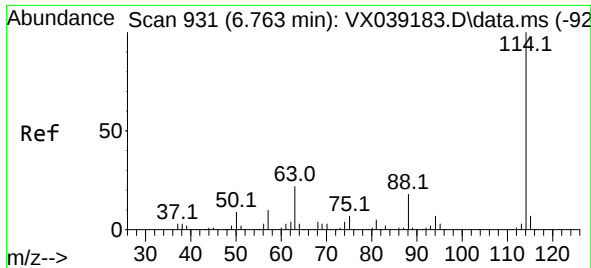
Tgt Ion:168 Resp: 86131
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.832 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion: 65 Resp: 72316
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

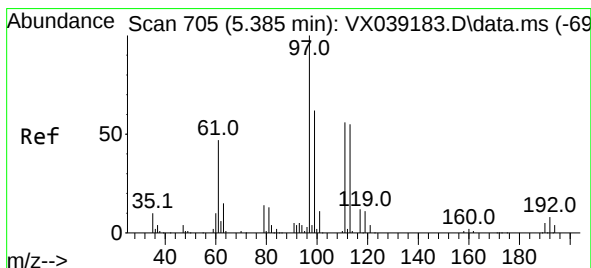
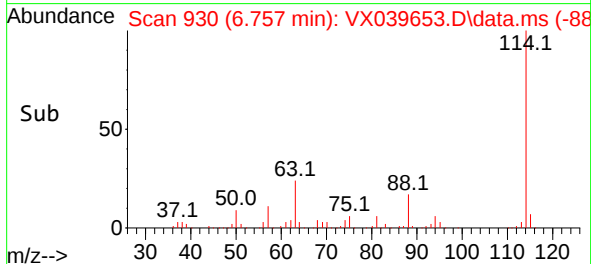
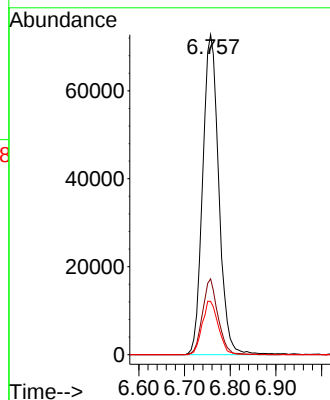
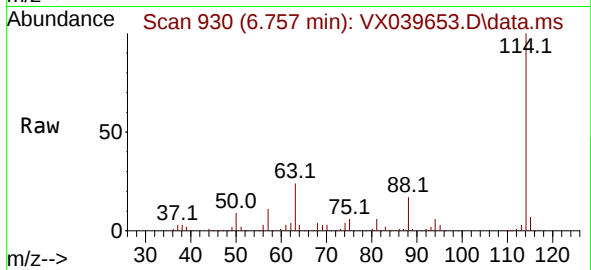




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

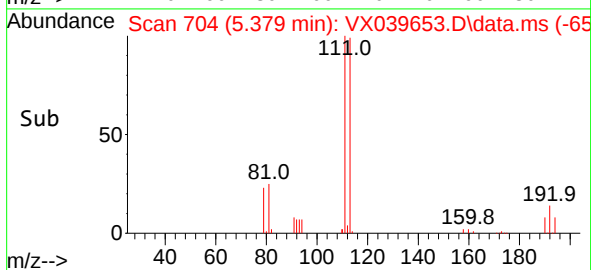
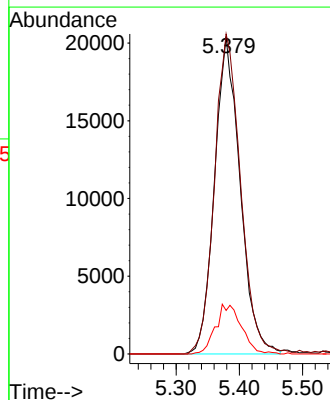
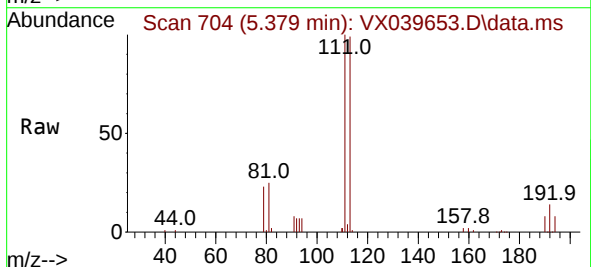
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

Tgt Ion:114 Resp: 177827
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion:113 Resp: 57101
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 15.9 13.3 19.9

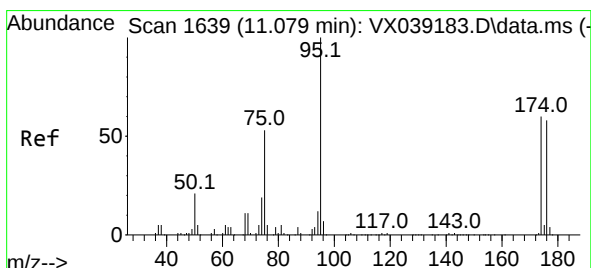
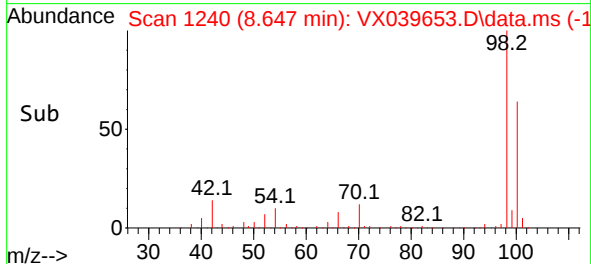
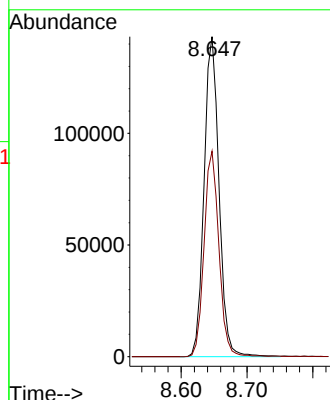
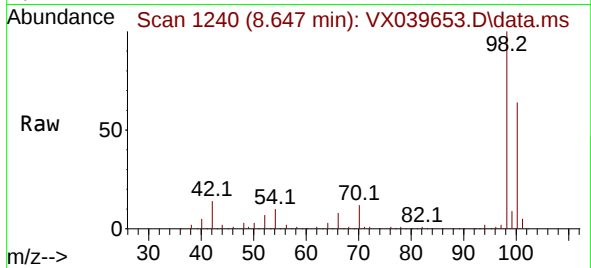




#50
Toluene-d8
Concen: 49.539 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

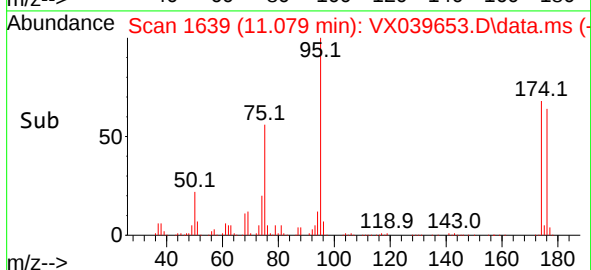
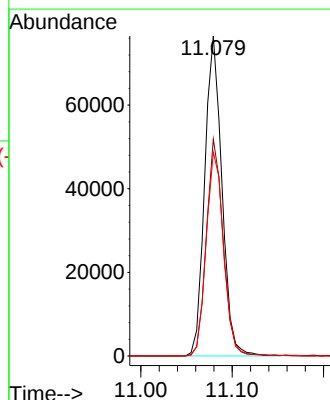
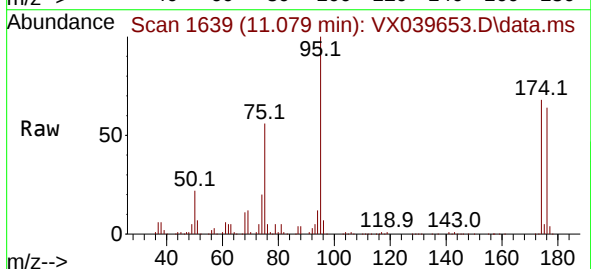
Instrument :
MSVOA_X
ClientSampleId :
VX0108WBL01

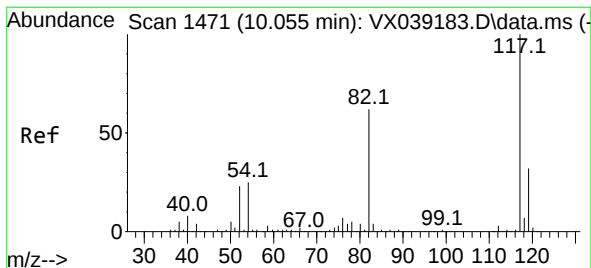
Tgt Ion: 98 Resp: 225942
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion: 95 Resp: 99718
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 64.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0108WBL01

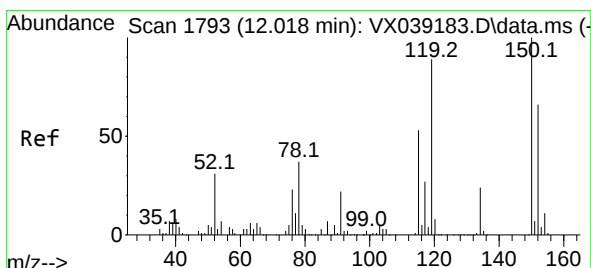
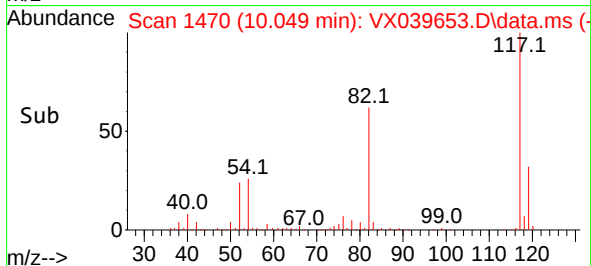
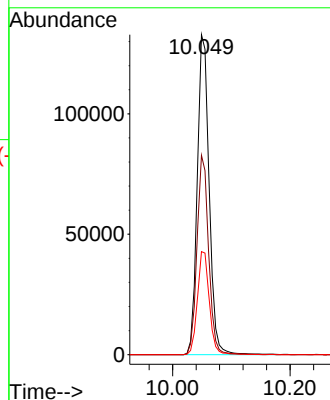
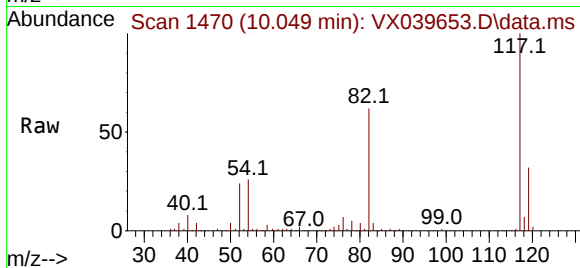
Tgt Ion:117 Resp: 186552

Ion Ratio Lower Upper

117 100

82 62.3 46.2 69.4

119 32.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Tgt Ion:152 Resp: 92483

Ion Ratio Lower Upper

152 100

115 66.4 43.3 129.9

150 158.3 0.0 345.0

