

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041113.D
 Acq On : 16 Apr 2024 18:24
 Operator : JC/MD
 Sample : P2113-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 404

Quant Time: Apr 17 02:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	167445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95018	52.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.120%	
35) Dibromofluoromethane	5.385	113	83514	49.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.340%	
50) Toluene-d8	8.647	98	301934	50.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.079	95	115215	51.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	

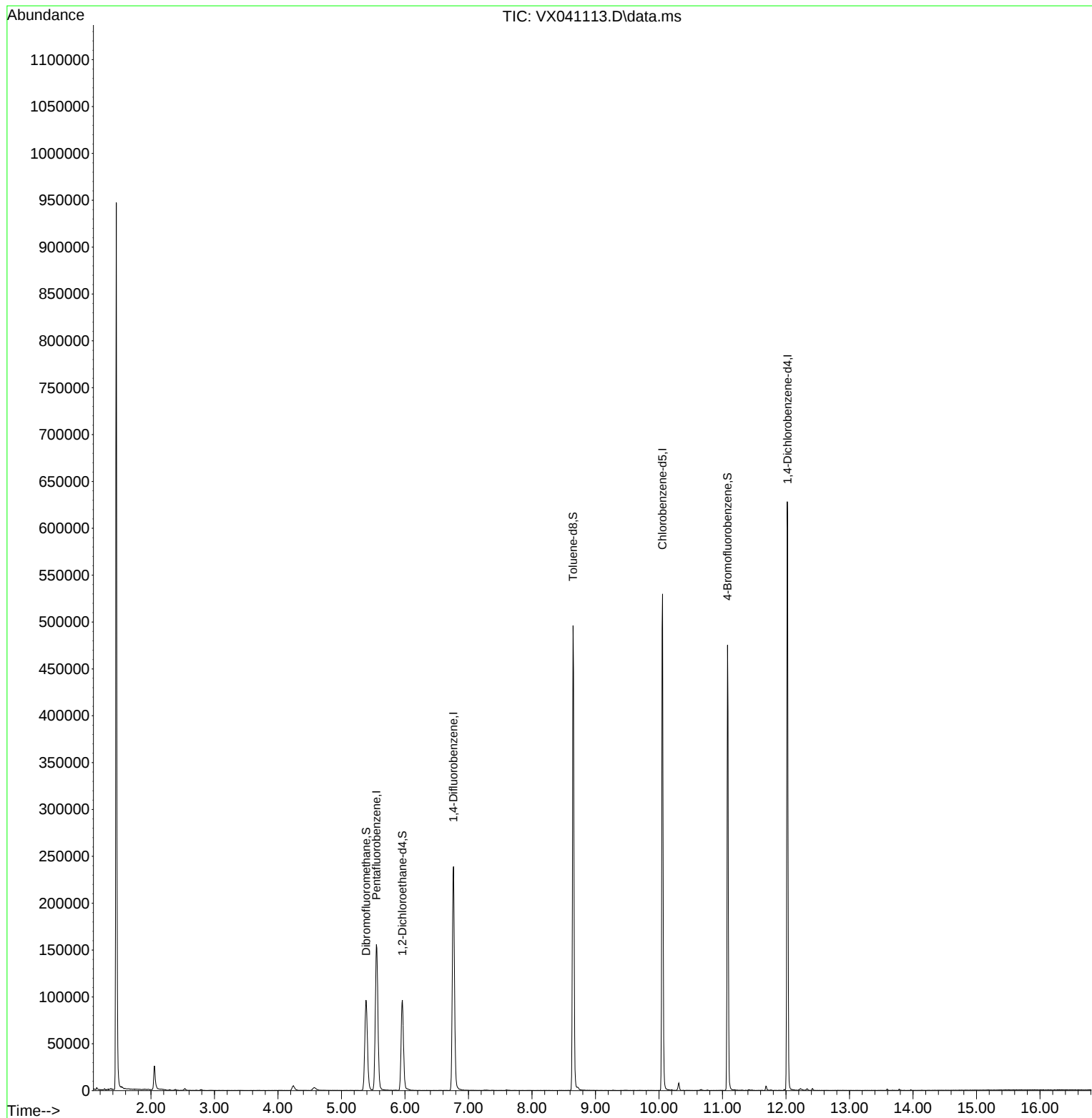
Target Compounds	Qvalue

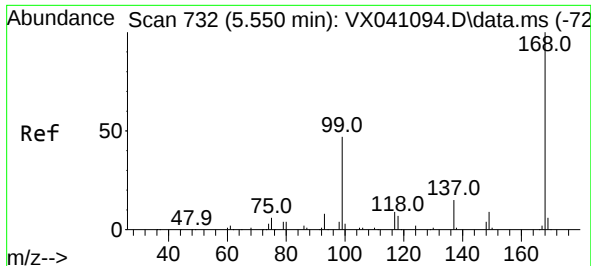
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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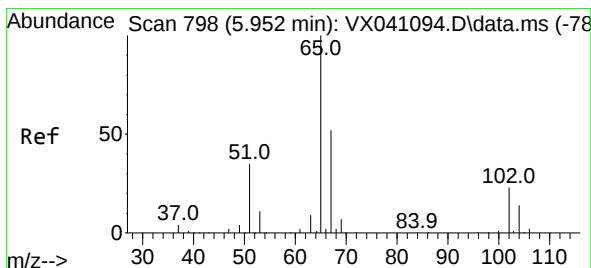
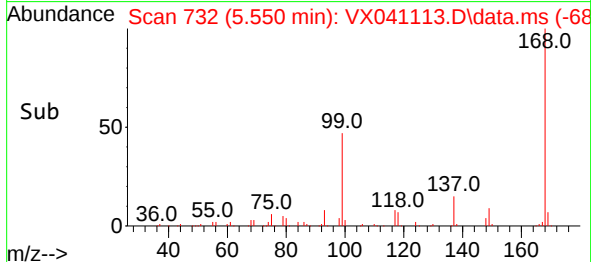
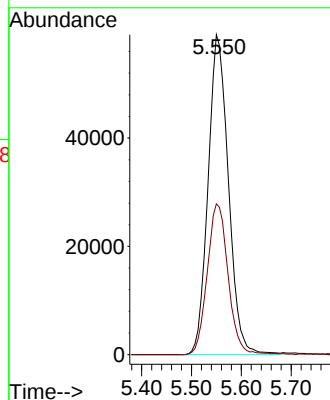
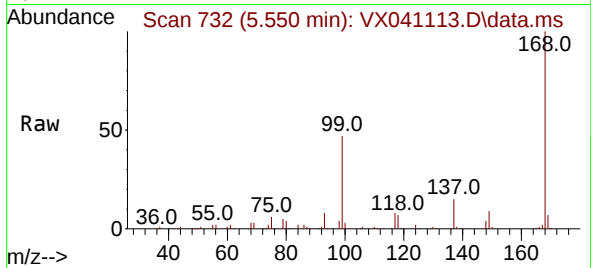




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

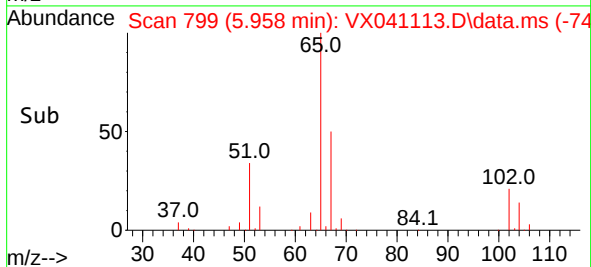
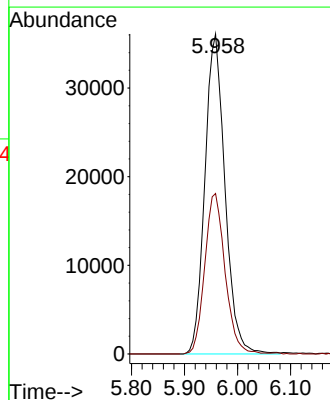
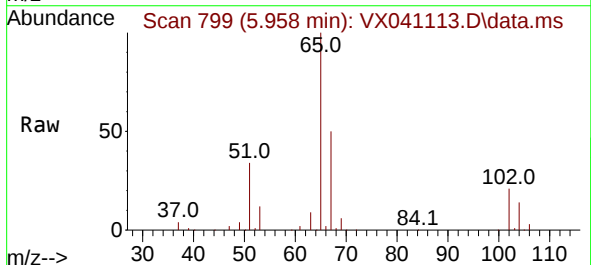
Instrument :
MSVOA_X
ClientSampleId :
404

Tgt Ion:168 Resp: 167445
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 52.560 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 65 Resp: 95018
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

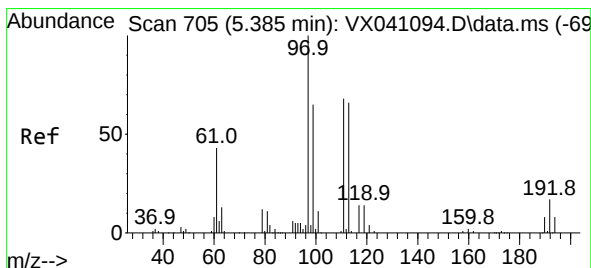
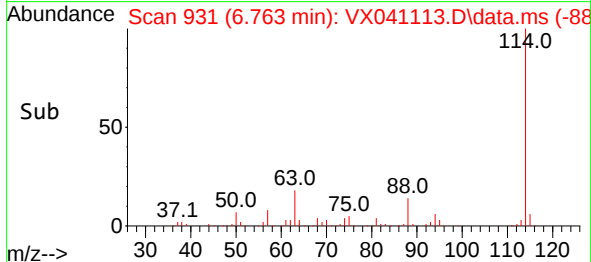
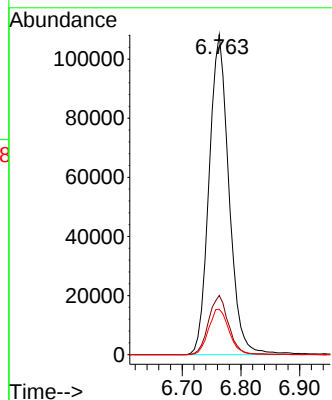
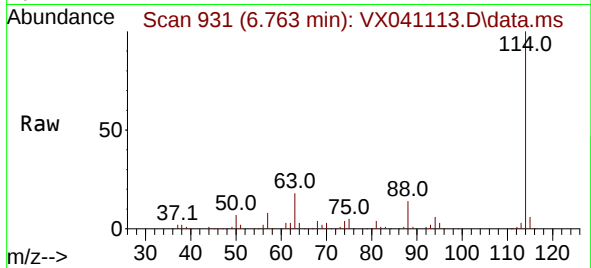




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

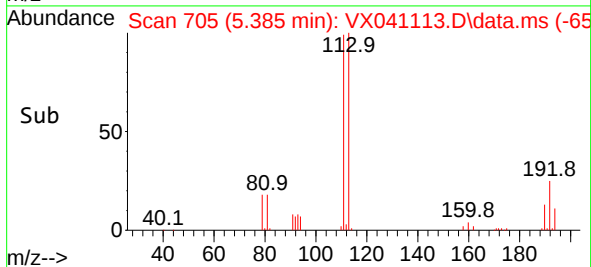
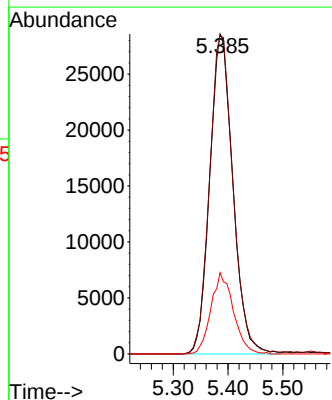
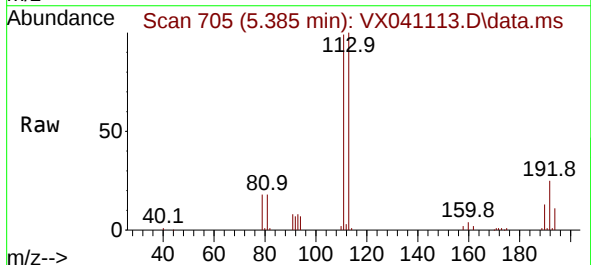
Instrument :
MSVOA_X
ClientSampleId :
404

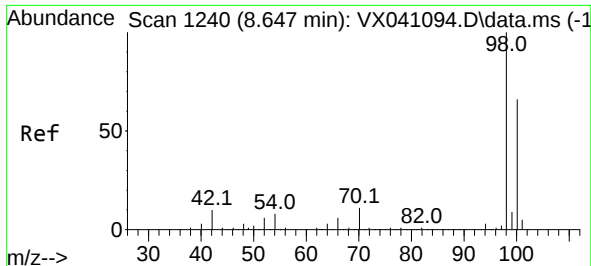
Tgt Ion:114 Resp: 254261
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion:113 Resp: 83514
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 24.7 13.3 19.9#

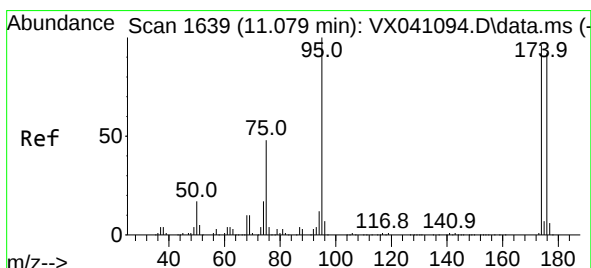
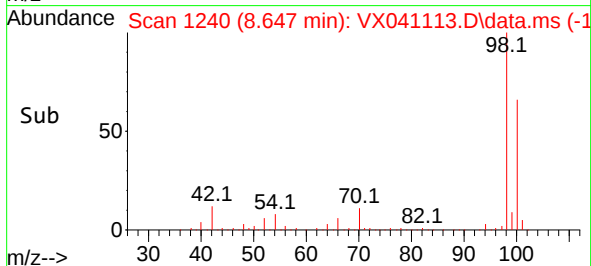
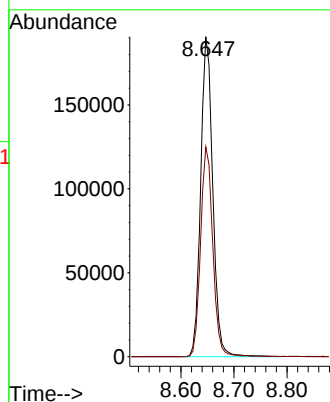
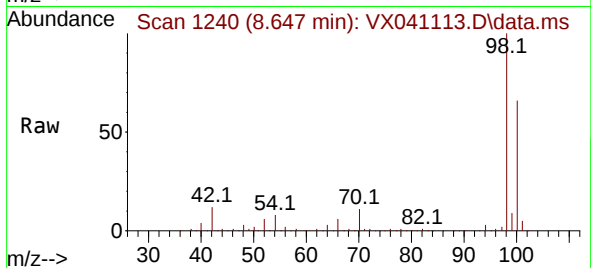




#50
Toluene-d8
Concen: 50.750 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

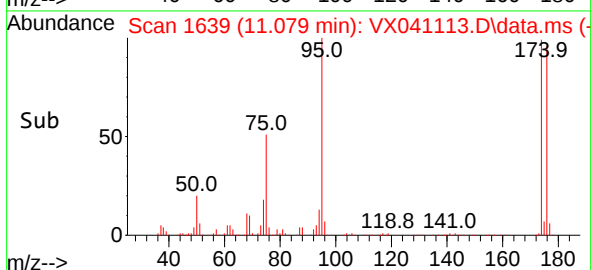
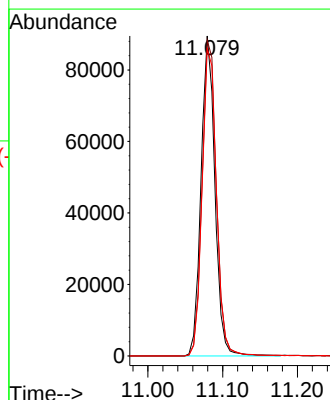
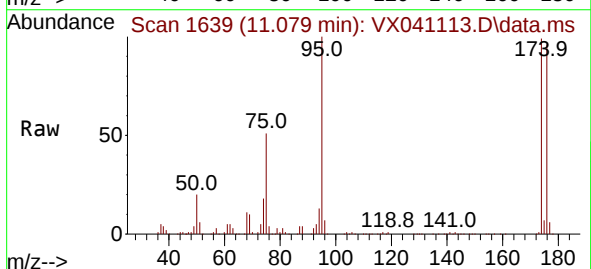
Instrument :
MSVOA_X
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404

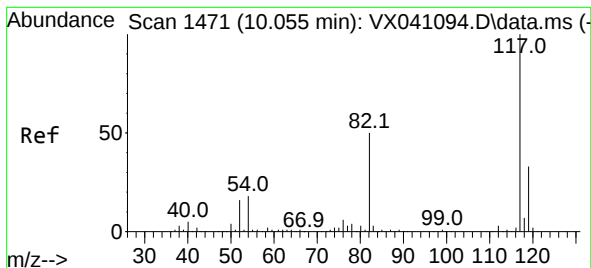
Tgt Ion: 98 Resp: 301934
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 95 Resp: 115215
Ion Ratio Lower Upper
95 100
174 101.8 0.0 135.6
176 99.7 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: VX041113.D

Acq: 16 Apr 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

404

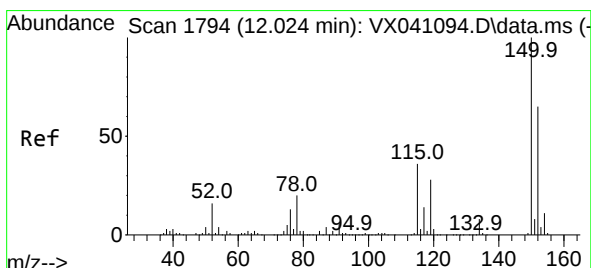
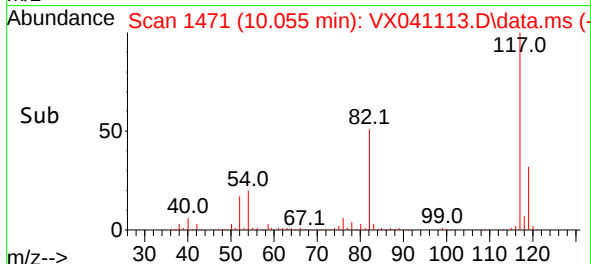
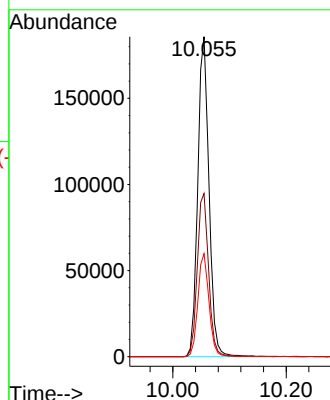
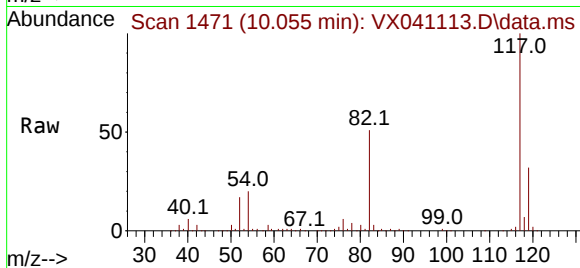
Tgt Ion:117 Resp: 255450

Ion Ratio Lower Upper

117 100

82 51.0 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: VX041113.D

Acq: 16 Apr 2024 18:24

Tgt Ion:152 Resp: 143374

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 157.0 0.0 345.0

