

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041111.D
 Acq On : 16 Apr 2024 17:38
 Operator : JC/MD
 Sample : P2113-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 402

Quant Time: Apr 17 02:13:34 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	164976	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	250457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94658	53.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.280%	
35) Dibromofluoromethane	5.385	113	81849	48.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.840%	
50) Toluene-d8	8.647	98	294824	50.308	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.079	95	112866	50.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.460%	

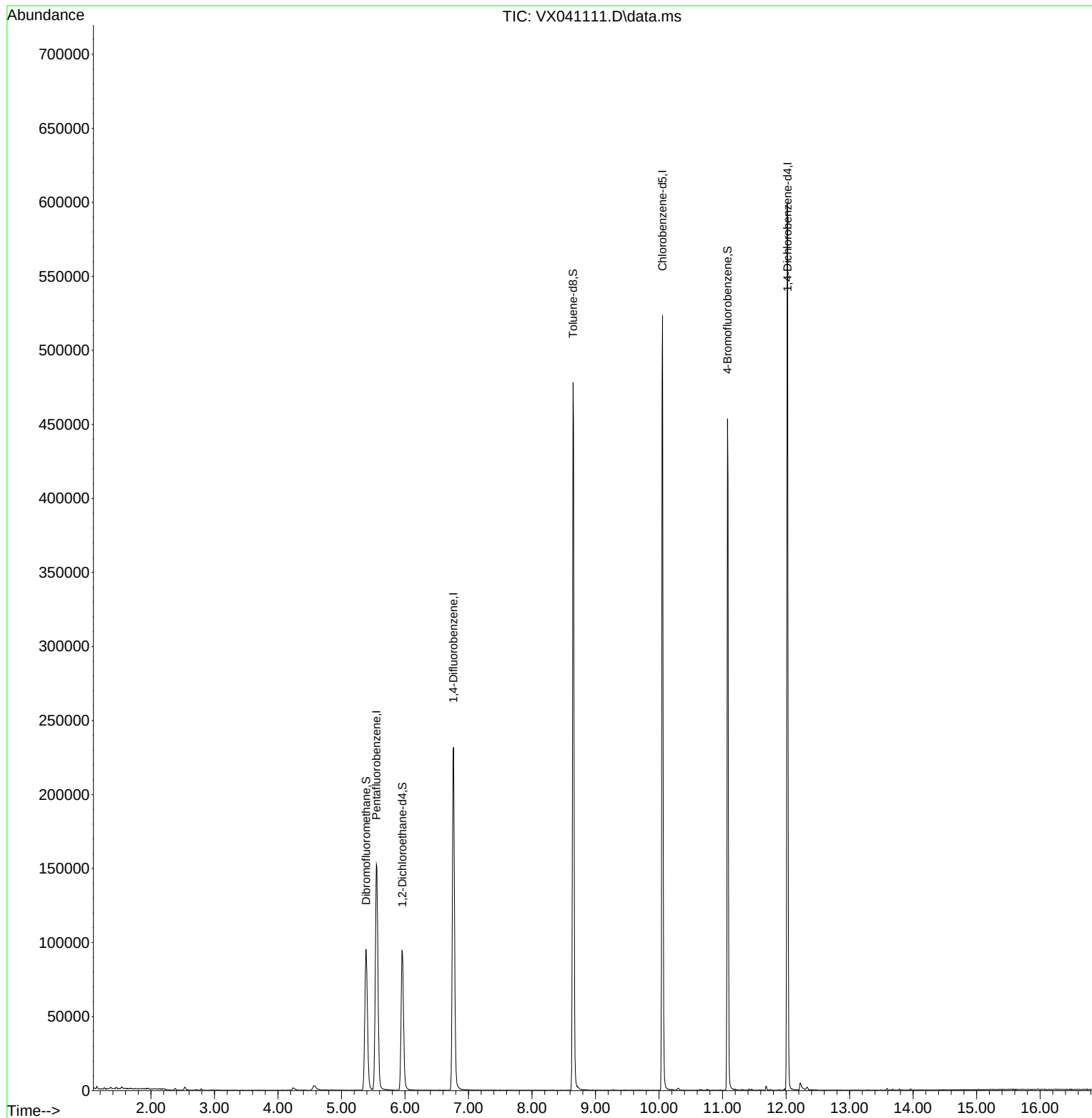
Target Compounds	Qvalue

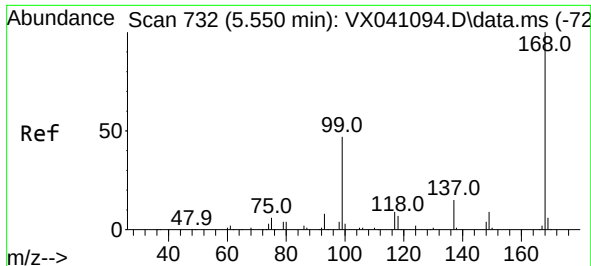
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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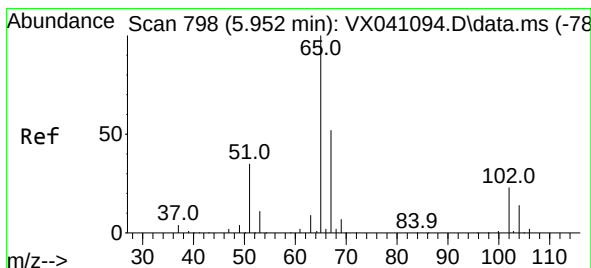
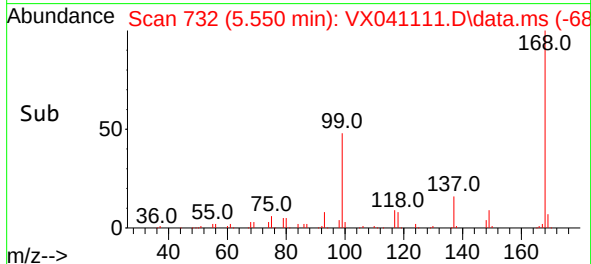
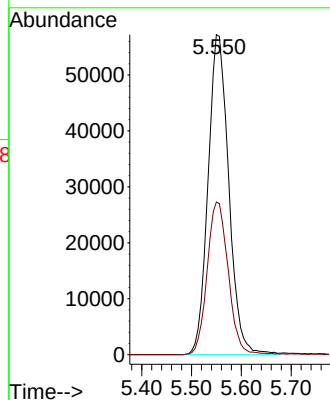
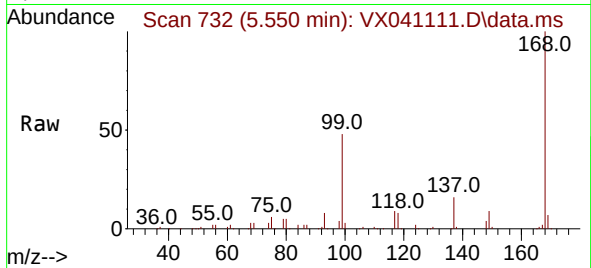




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

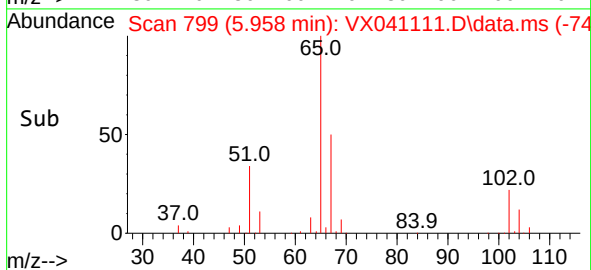
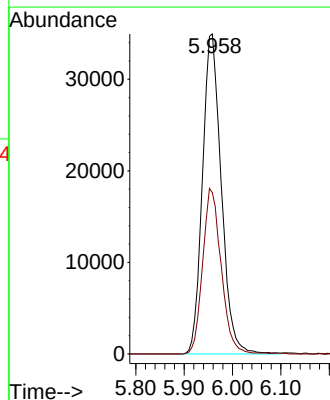
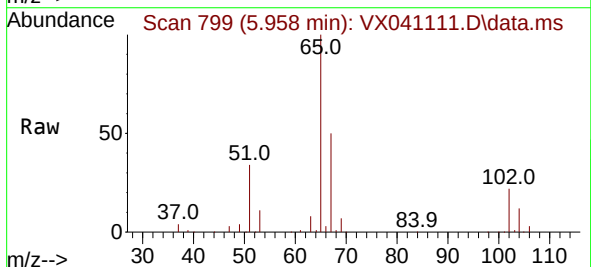
Instrument :
MSVOA_X
ClientSampleId :
402

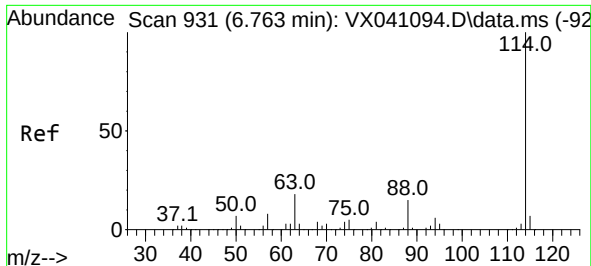
Tgt Ion:168 Resp: 164976
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 53.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

Tgt Ion: 65 Resp: 94658
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

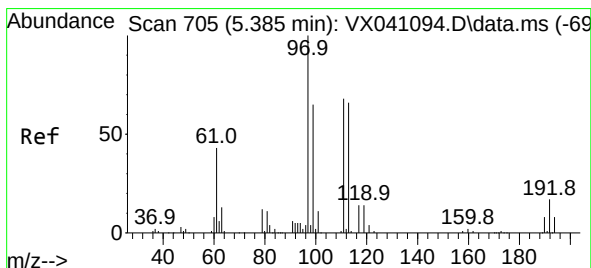
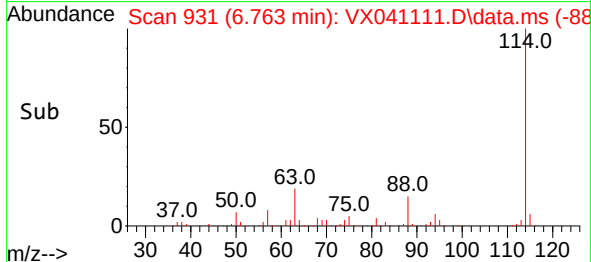
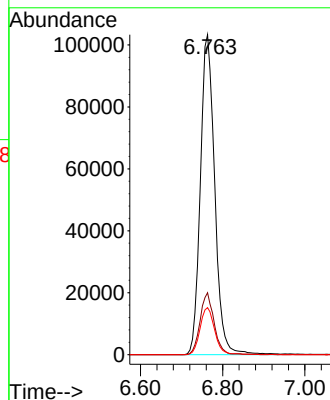
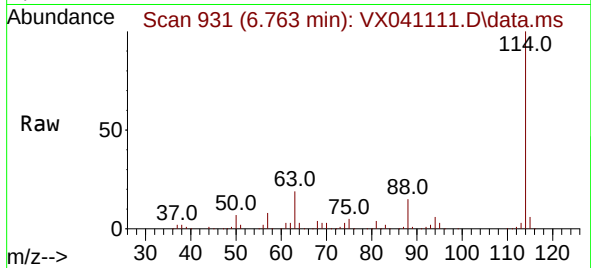




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

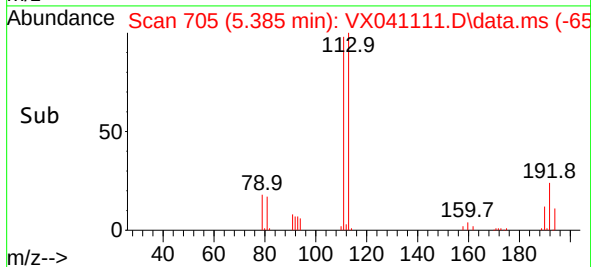
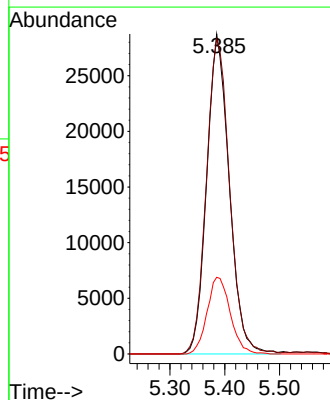
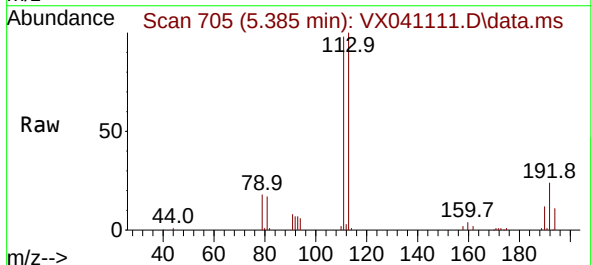
Instrument :
MSVOA_X
ClientSampleId :
402

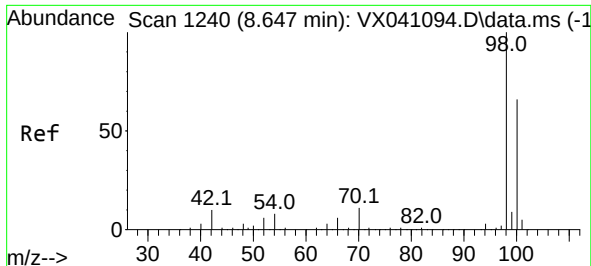
Tgt Ion:114 Resp: 250457
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.921 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

Tgt Ion:113 Resp: 81849
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 24.7 13.3 19.9#

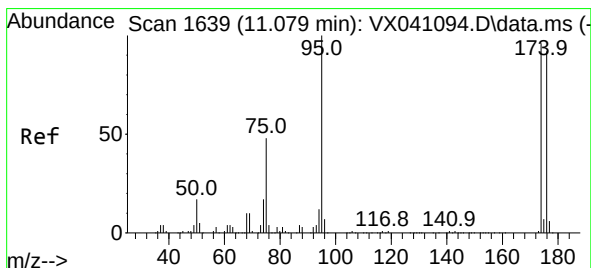
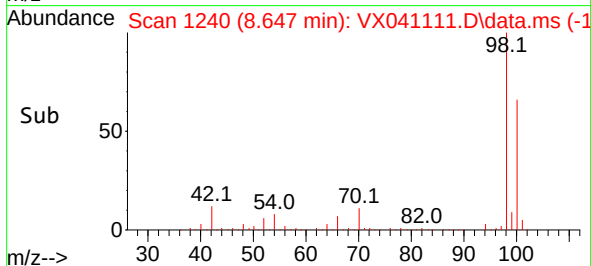
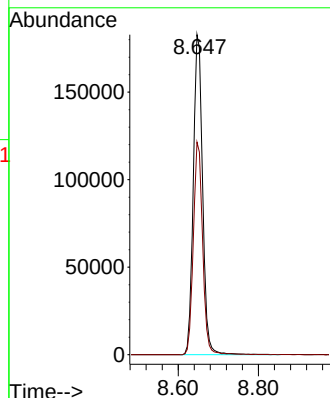
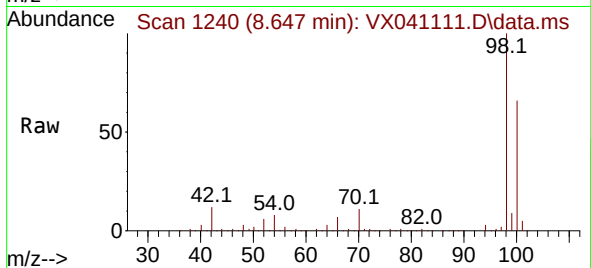




#50
Toluene-d8
Concen: 50.308 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

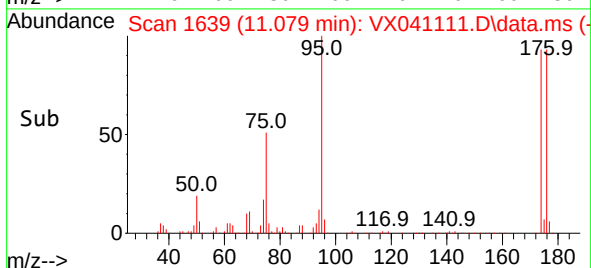
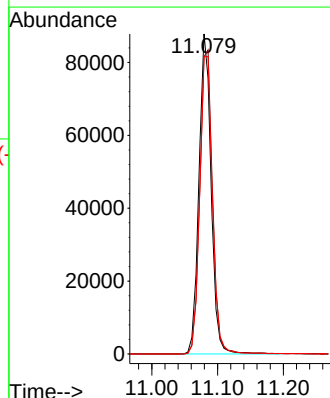
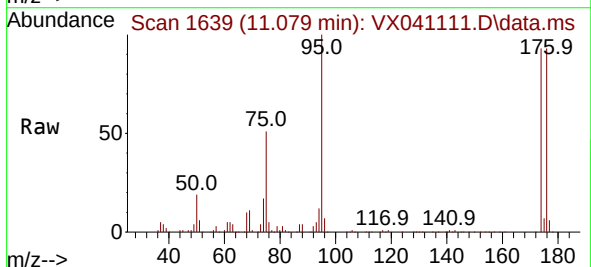
Instrument :
MSVOA_X
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402

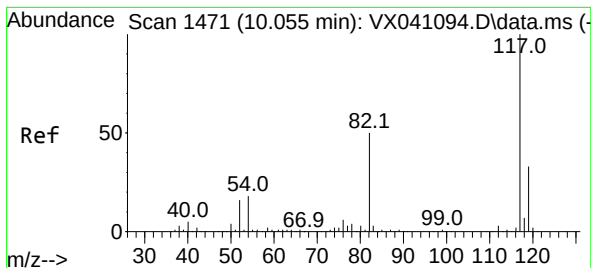
Tgt Ion: 98 Resp: 294824
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041111.D
Acq: 16 Apr 2024 17:38

Tgt Ion: 95 Resp: 112866
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 97.2 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: VX041111.D

Acq: 16 Apr 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

402

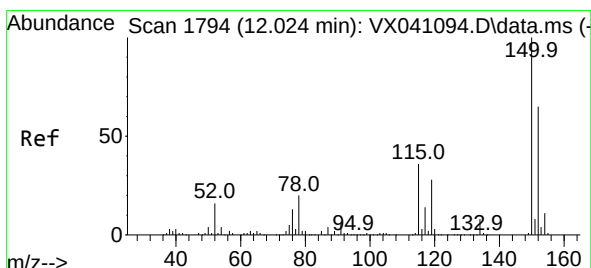
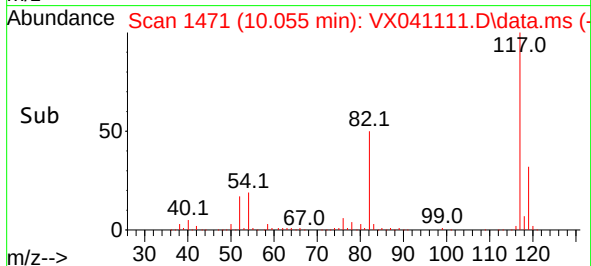
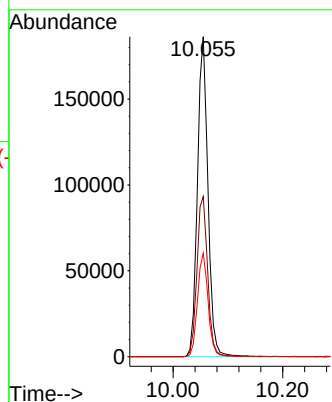
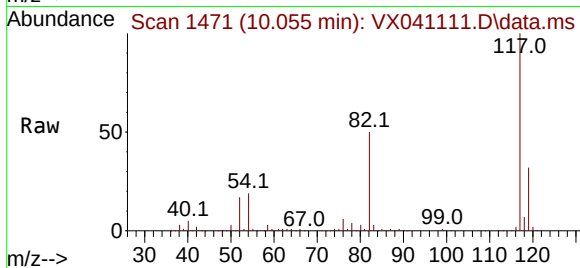
Tgt Ion:117 Resp: 249310

Ion Ratio Lower Upper

117 100

82 50.0 46.2 69.4

119 32.4 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: VX041111.D

Acq: 16 Apr 2024 17:38

Tgt Ion:152 Resp: 140018

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 154.8 0.0 345.0

