

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036934.D
 Acq On : 11 Aug 2023 12:27
 Operator : JC/MD
 Sample : 03975-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230810

Quant Time: Aug 11 22:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	120243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85073	47.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.640%
35) Dibromofluoromethane	5.385	113	70634	46.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	264456	49.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	101243	49.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%

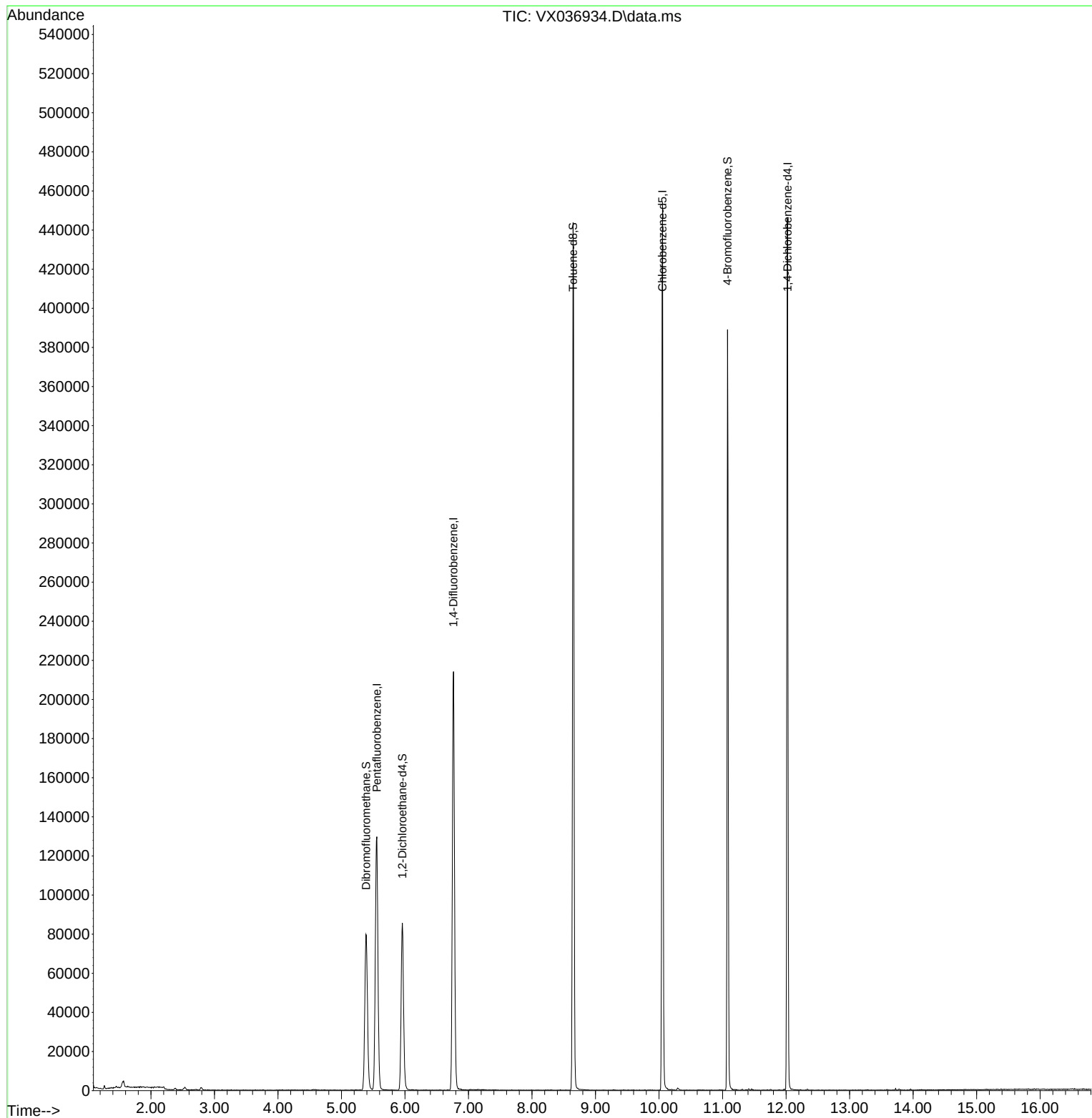
Target Compounds	Qvalue

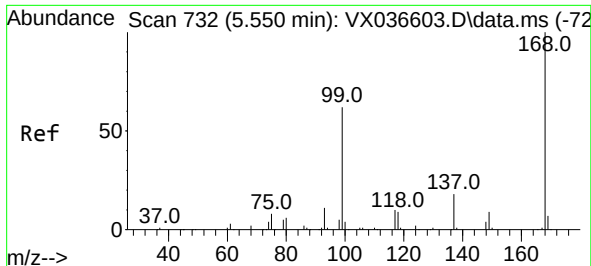
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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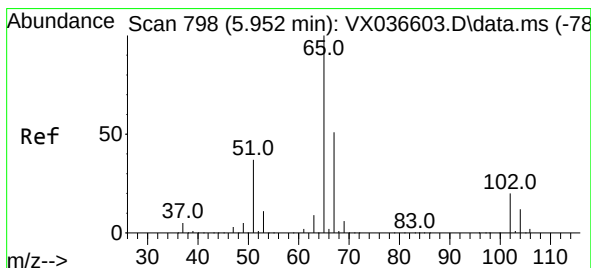
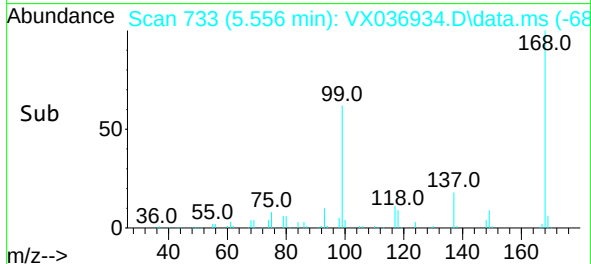
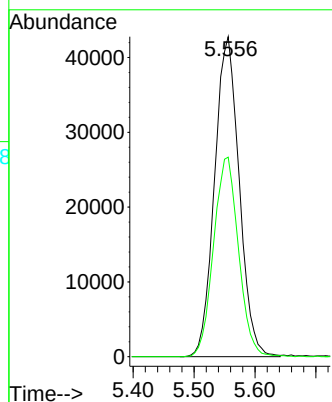
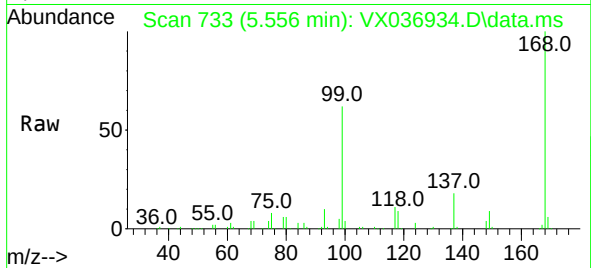




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

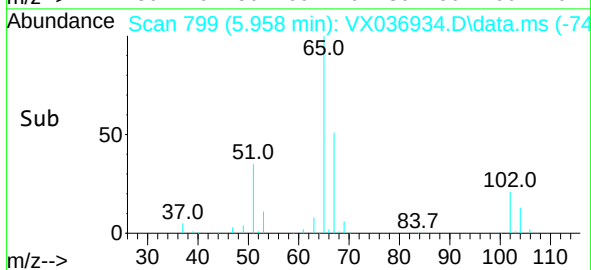
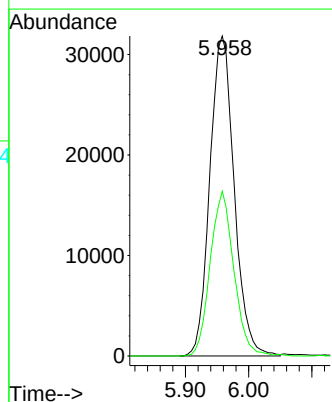
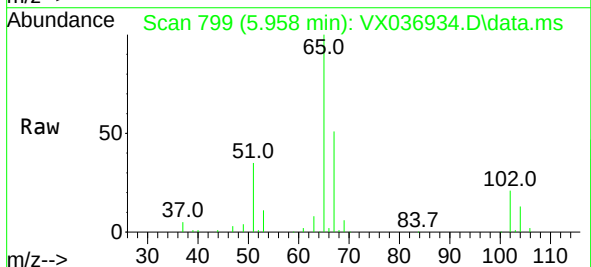
Instrument :
MSVOA_X
ClientSampleId :
TB-20230810

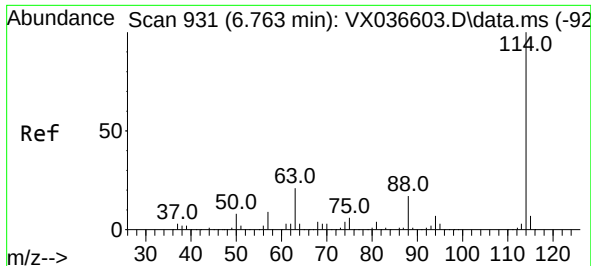
Tgt Ion:168 Resp: 120243
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.816 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Tgt Ion: 65 Resp: 85073
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

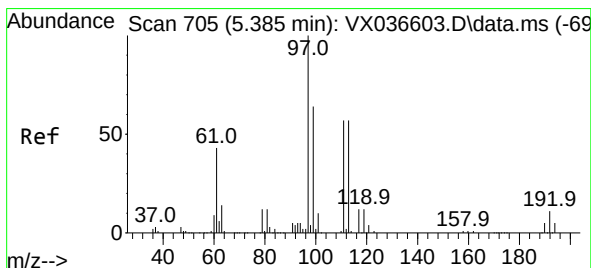
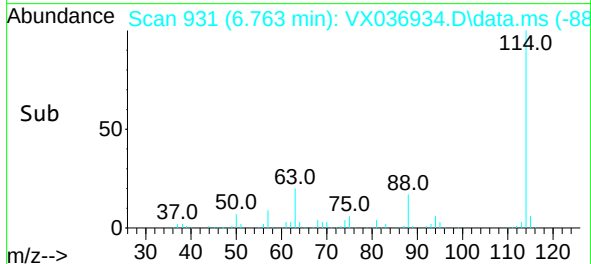
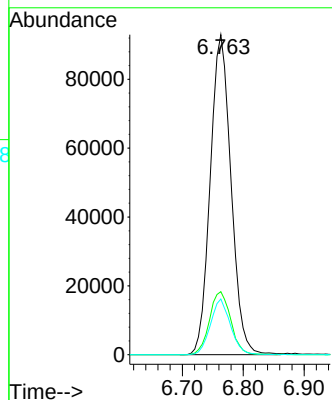
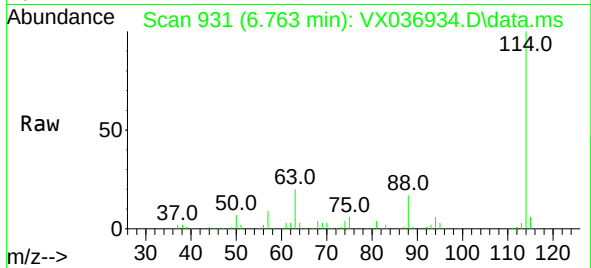




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX036934.D
 Acq: 11 Aug 2023 12:27

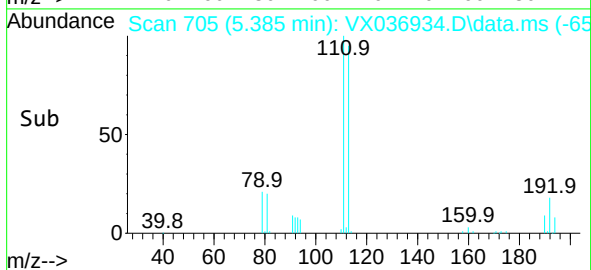
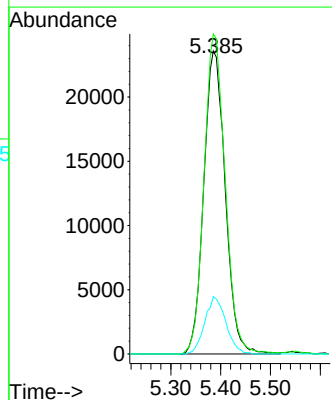
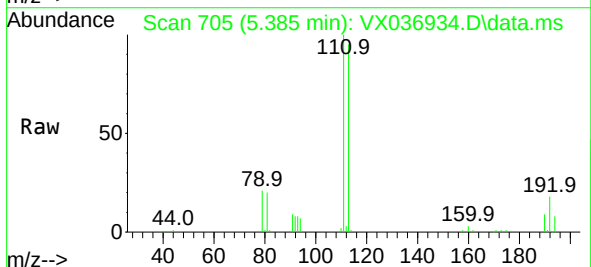
Instrument :
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 ClientSampleId :
 TB-20230810

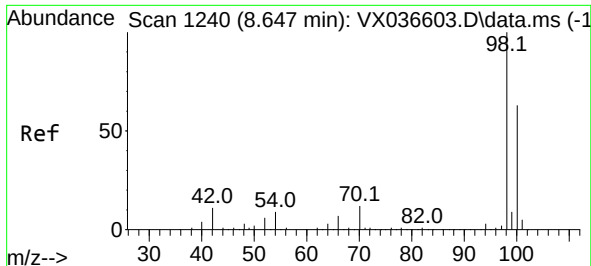
Tgt Ion:114 Resp: 220626
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 17.4 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 46.578 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036934.D
 Acq: 11 Aug 2023 12:27

Tgt Ion:113 Resp: 70634
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 18.6 13.3 19.9

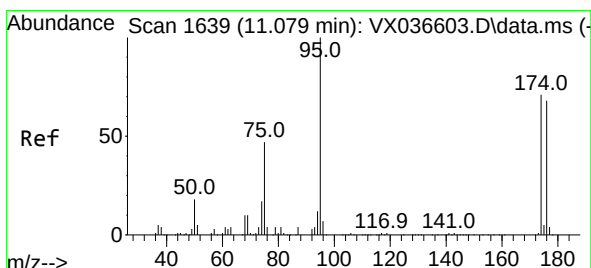
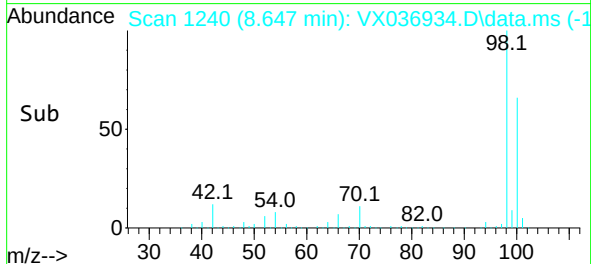
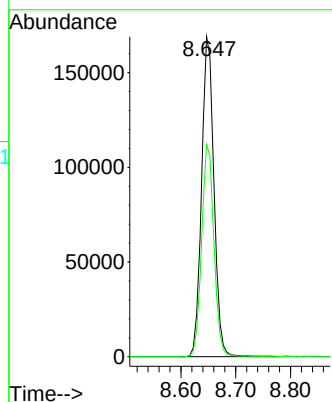
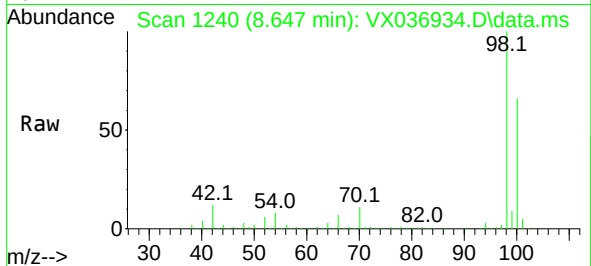




#50
Toluene-d8
Concen: 49.176 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

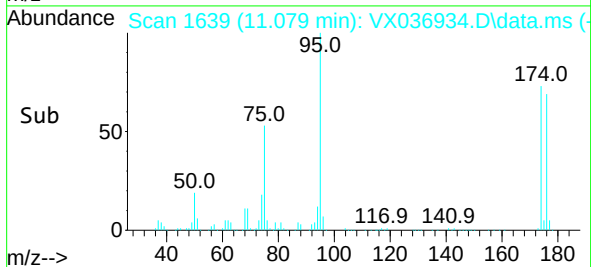
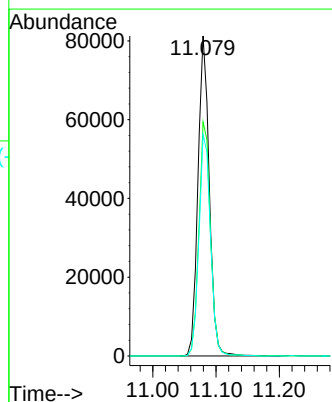
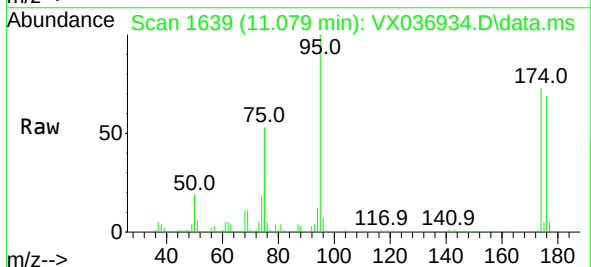
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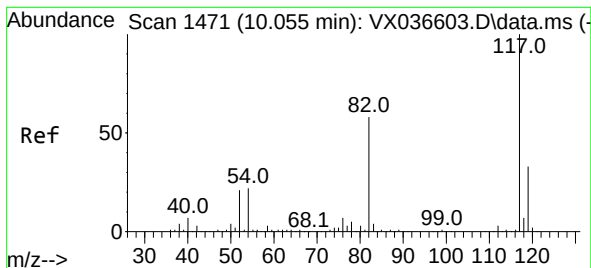
Tgt Ion: 98 Resp: 264456
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036934.D
Acq: 11 Aug 2023 12:27

Tgt Ion: 95 Resp: 101243
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 71.0 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: VX036934.D

Acq: 11 Aug 2023 12:27

Instrument :

MSVOA_X

ClientSampleId :

TB-20230810

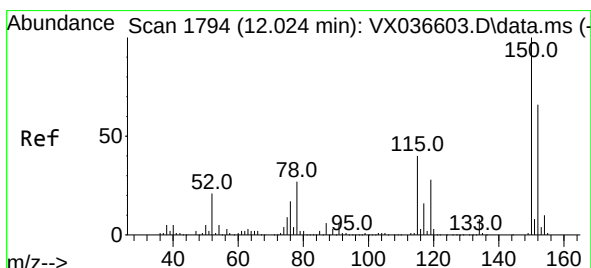
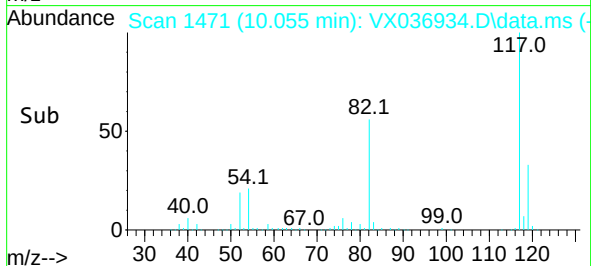
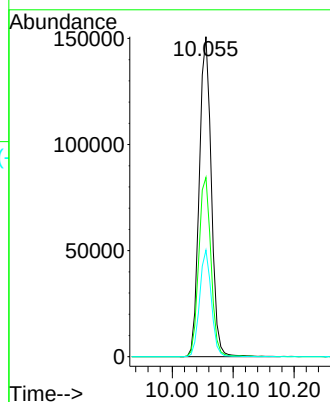
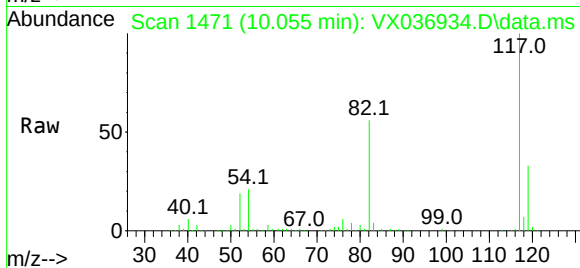
Tgt Ion:117 Resp: 207179

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 33.3 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: VX036934.D

Acq: 11 Aug 2023 12:27

Tgt Ion:152 Resp: 92917

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 156.0 0.0 345.0

