

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037222.D
 Acq On : 24 Aug 2023 17:31
 Operator : JC/MD
 Sample : 04088-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-081823

Quant Time: Aug 24 23:39:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	150222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	247948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93998	43.403	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.800%
35) Dibromofluoromethane	5.385	113	75428	45.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.647	98	289045	48.526	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	111389	47.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%

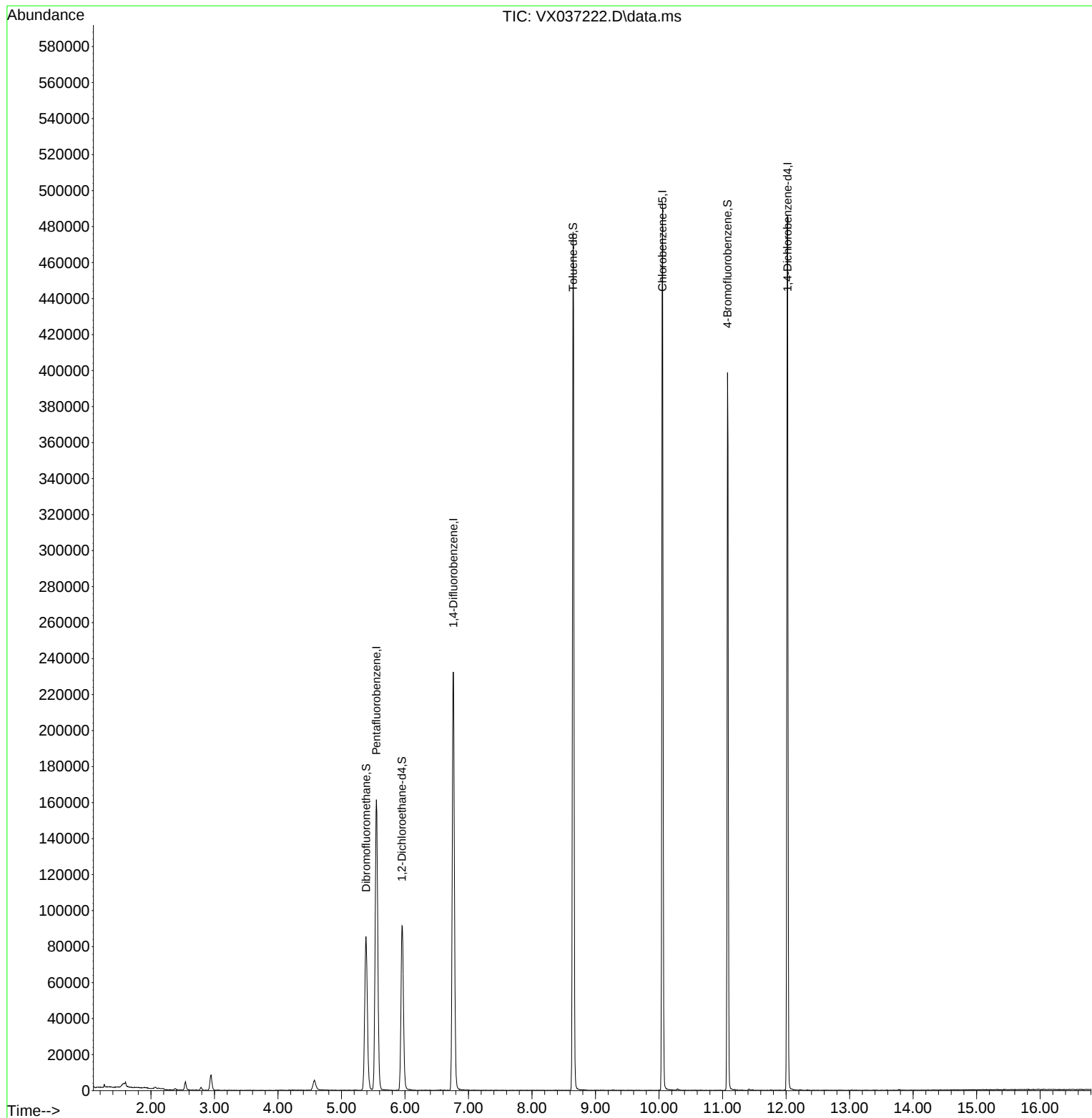
Target Compounds	Qvalue

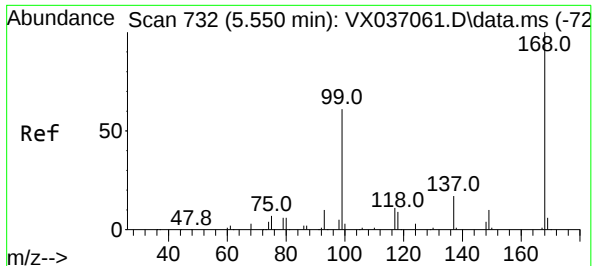
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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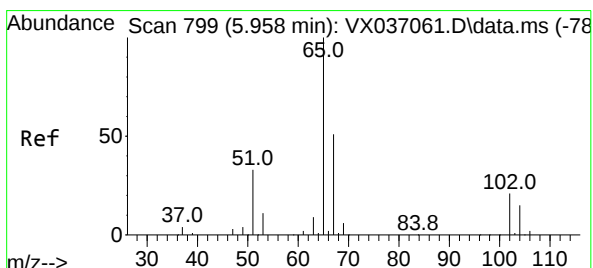
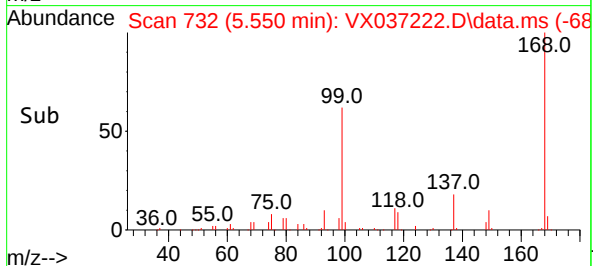
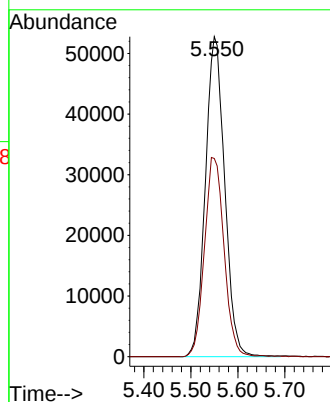
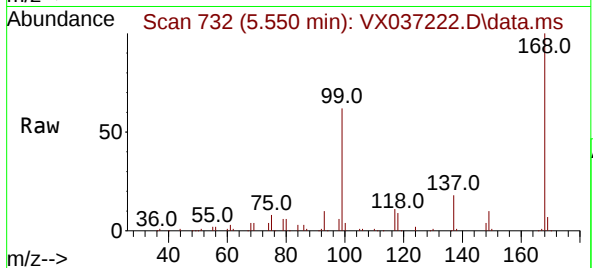




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

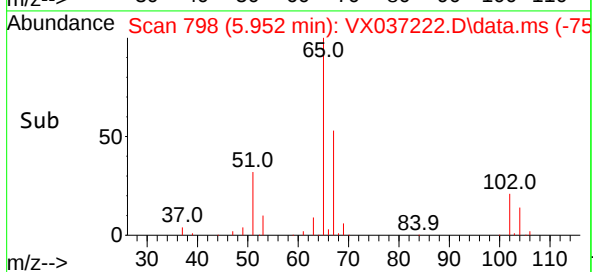
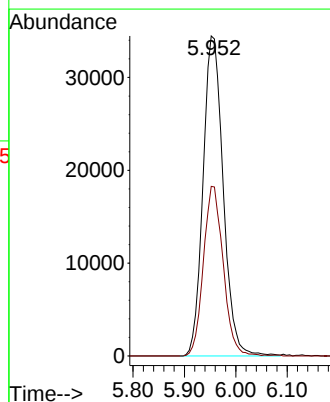
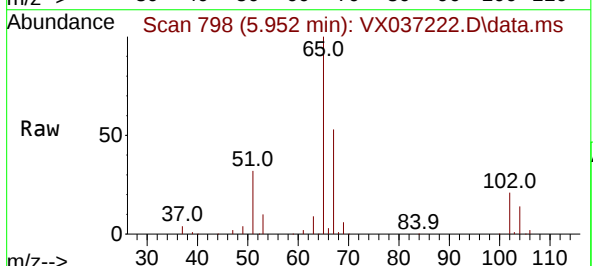
Instrument :
MSVOA_X
ClientSampleId :
FB-081823

Tgt Ion:168 Resp: 150222
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.403 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

Tgt Ion: 65 Resp: 93998
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

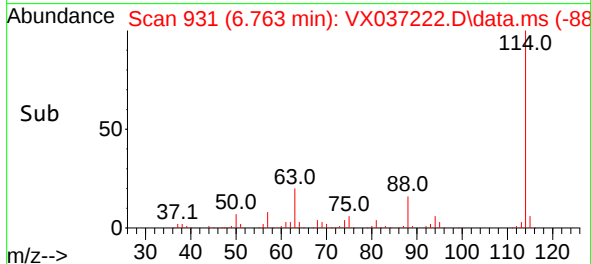
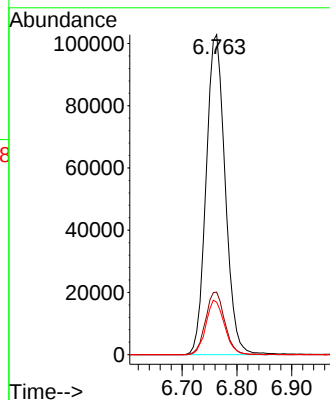
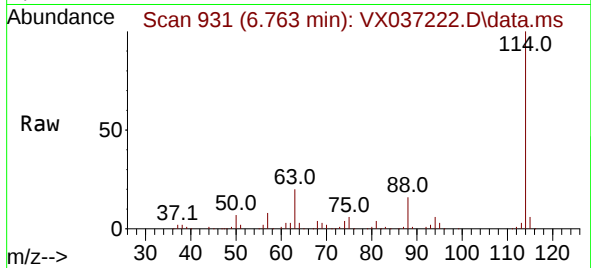




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

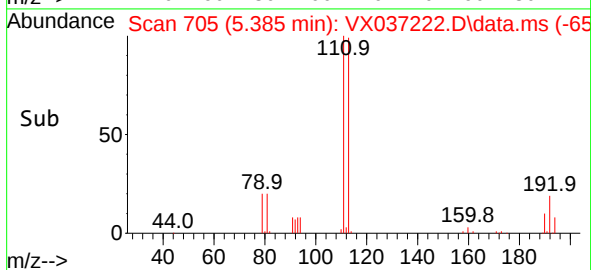
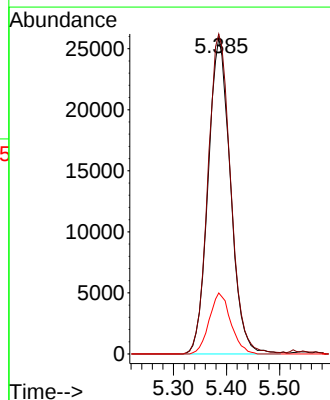
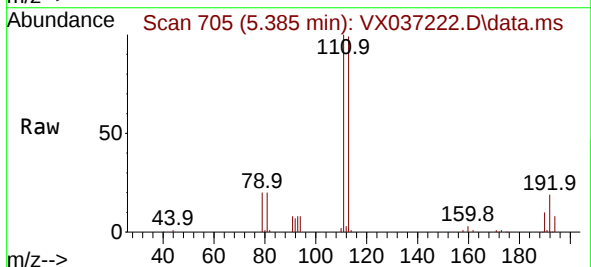
Instrument :
MSVOA_X
ClientSampleId :
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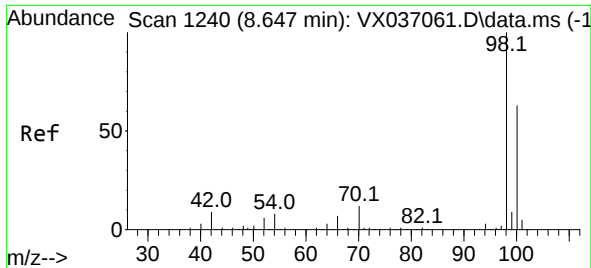
Tgt Ion:114 Resp: 247948
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.934 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

Tgt Ion:113 Resp: 75428
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.7 13.3 19.9

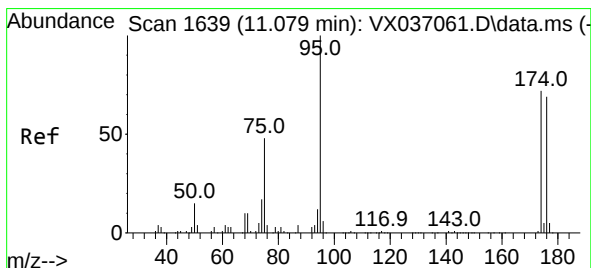
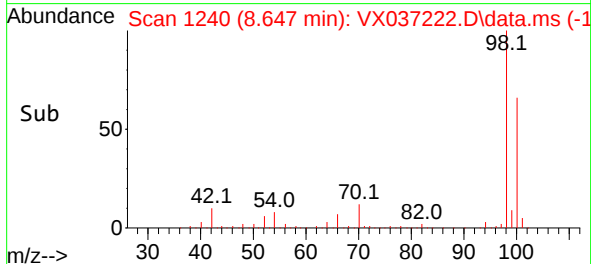
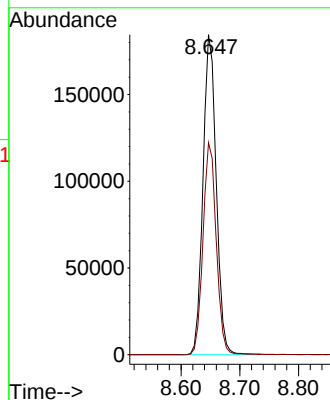
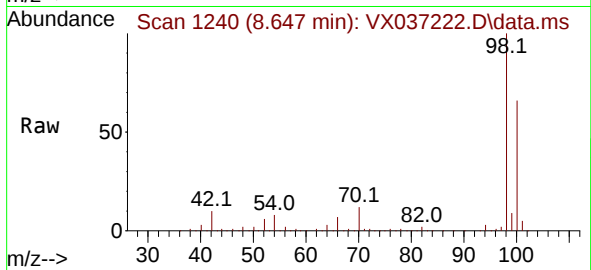




#50
Toluene-d8
Concen: 48.526 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

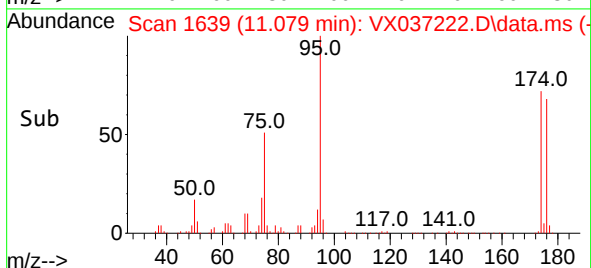
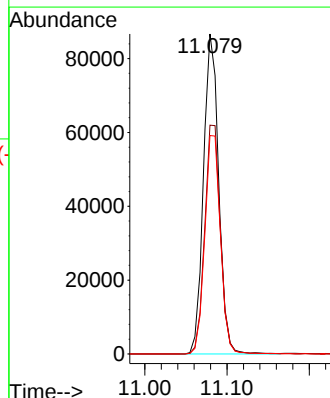
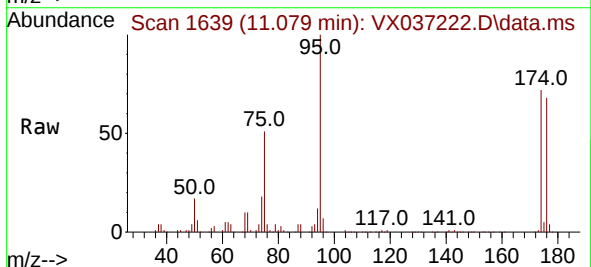
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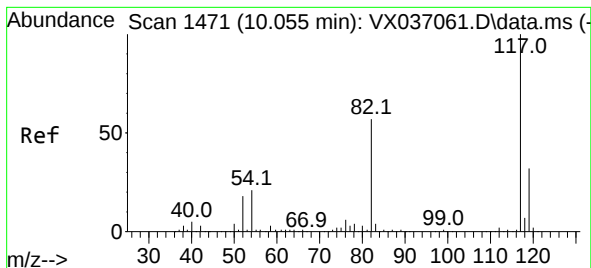
Tgt Ion: 98 Resp: 289045
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037222.D
Acq: 24 Aug 2023 17:31

Tgt Ion: 95 Resp: 111389
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.5 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: VX037222.D

Acq: 24 Aug 2023 17:31

Instrument :

MSVOA_X

ClientSampleId :

FB-081823

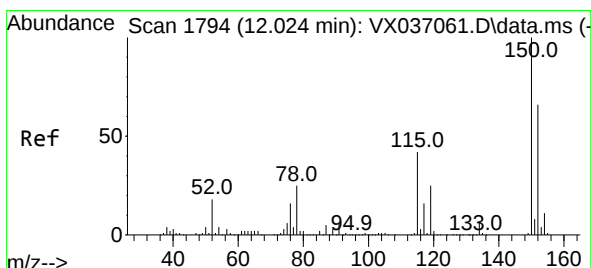
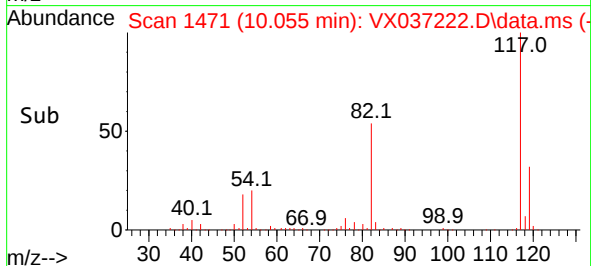
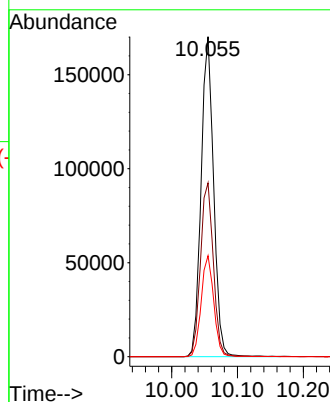
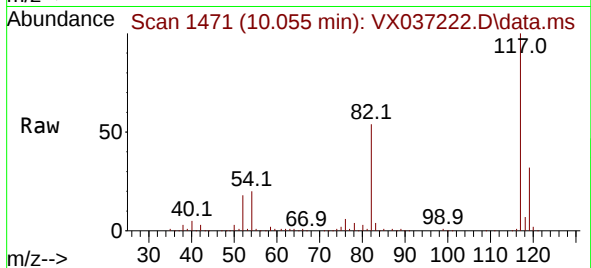
Tgt Ion:117 Resp: 224782

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.6 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: VX037222.D

Acq: 24 Aug 2023 17:31

Tgt Ion:152 Resp: 103999

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 158.0 0.0 345.0

