

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037007.D
 Acq On : 16 Aug 2023 10:55
 Operator : JC/MD
 Sample : VX0816WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBL01

Quant Time: Aug 17 04:11:37 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	137958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96946	47.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.980%
35) Dibromofluoromethane	5.385	113	81231	46.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	8.647	98	303061	49.192	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	126108	54.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.520%

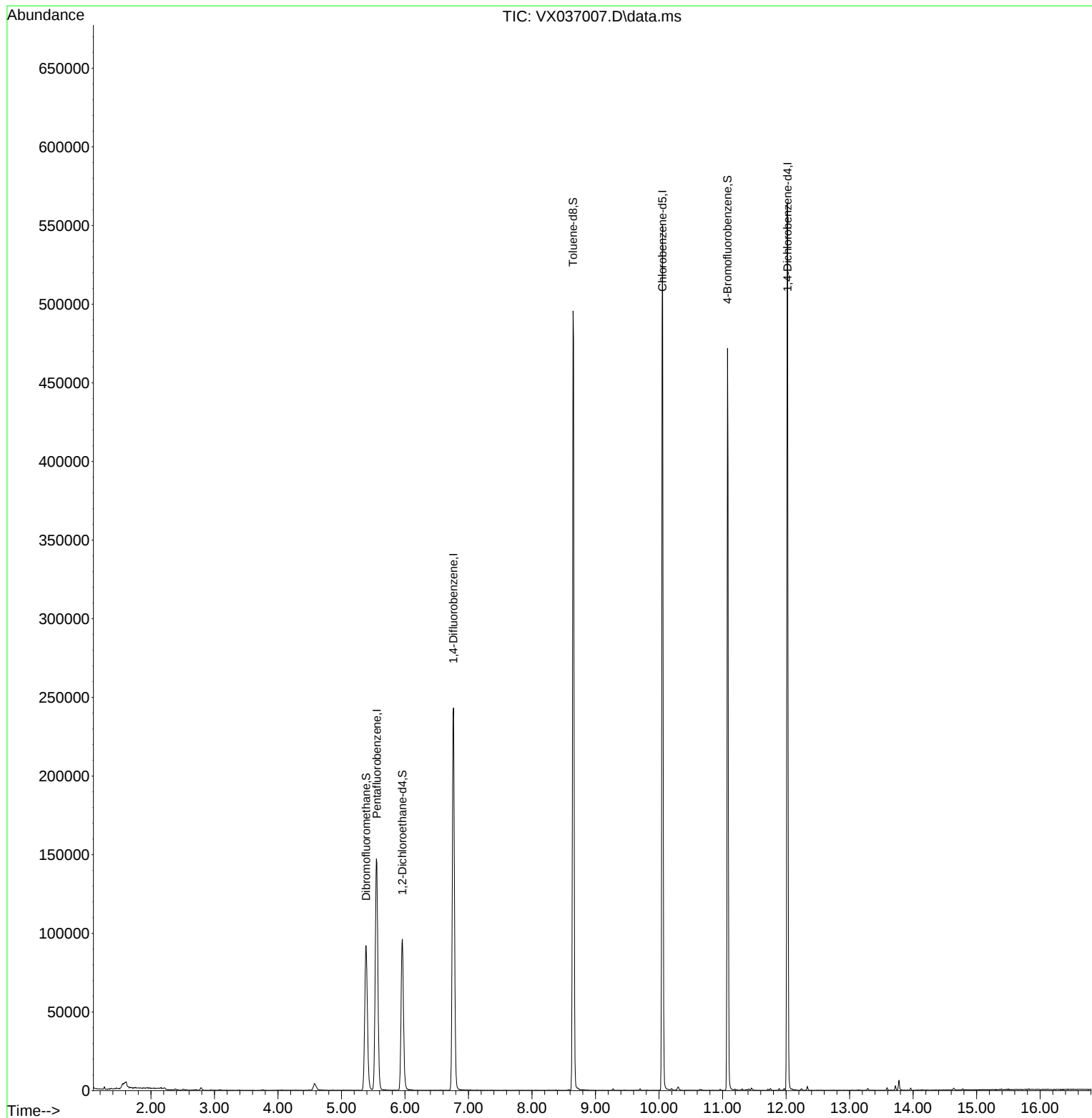
Target Compounds	Qvalue

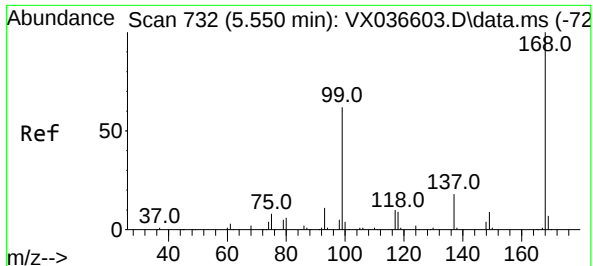
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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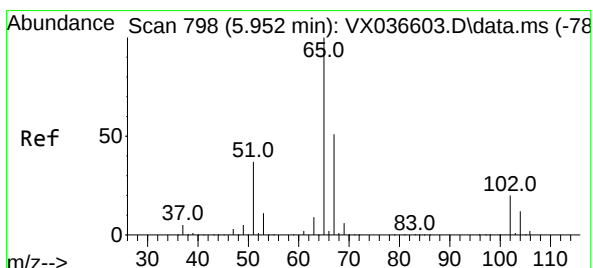
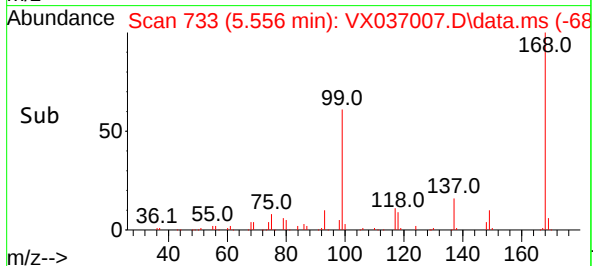
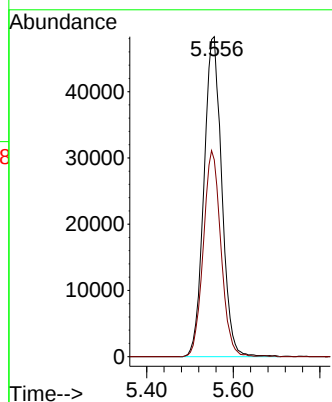
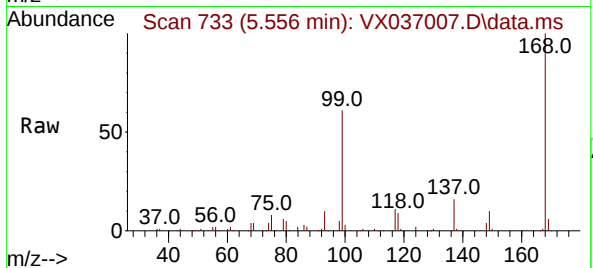




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

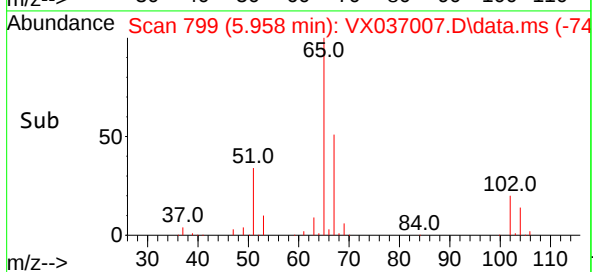
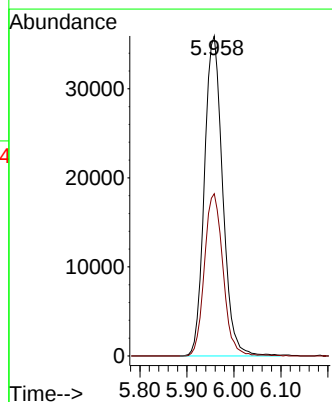
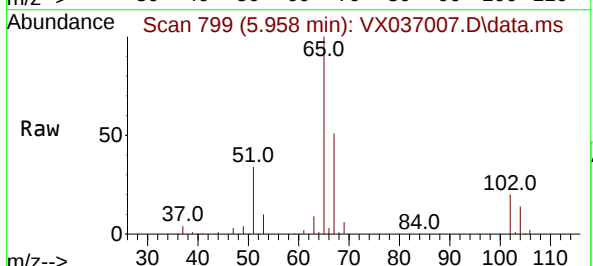
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

Tgt Ion:168 Resp: 137958
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.492 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 65 Resp: 96946
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

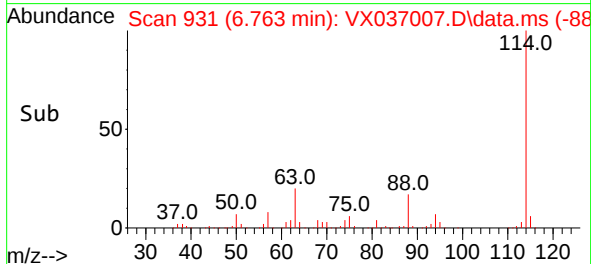
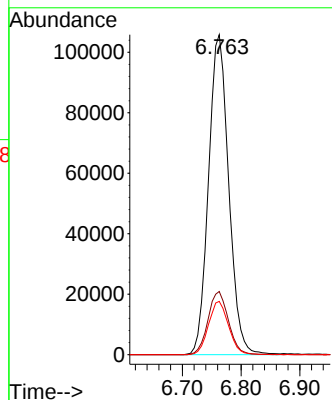
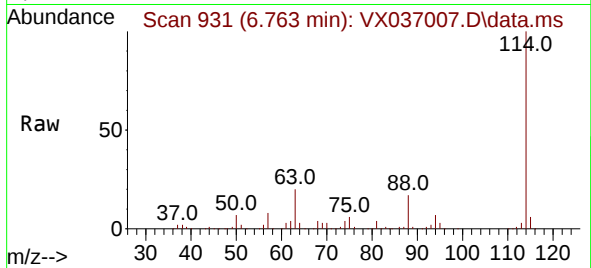




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

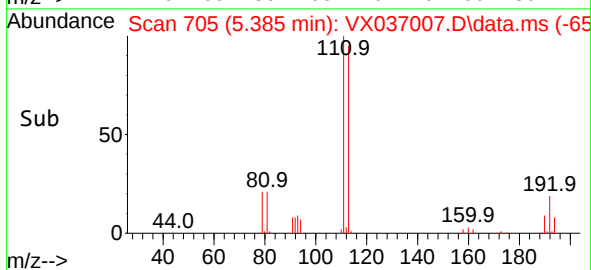
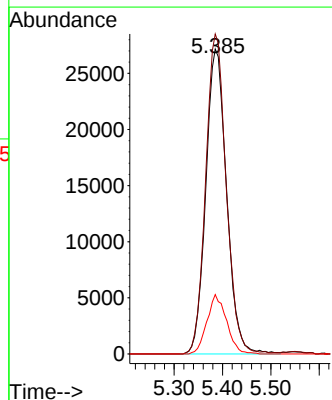
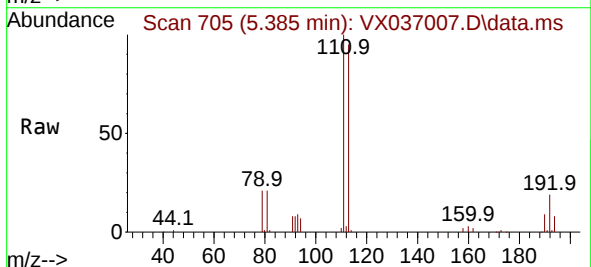
Instrument :
MSVOA_X
ClientSampleId :
VX0816WBL01

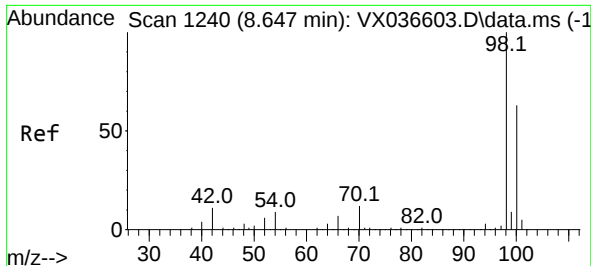
Tgt Ion:114 Resp: 252752
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.758 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion:113 Resp: 81231
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.4 13.3 19.9

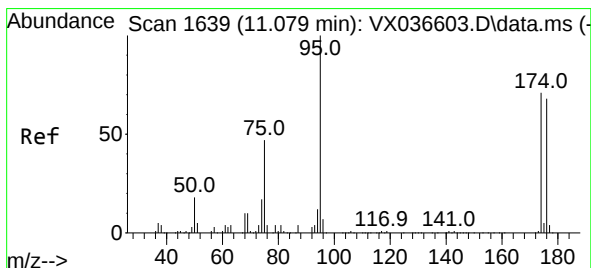
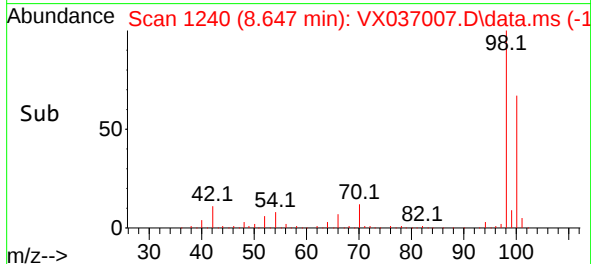
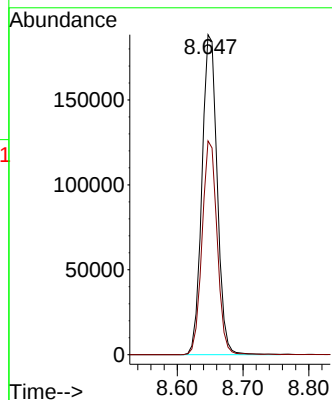
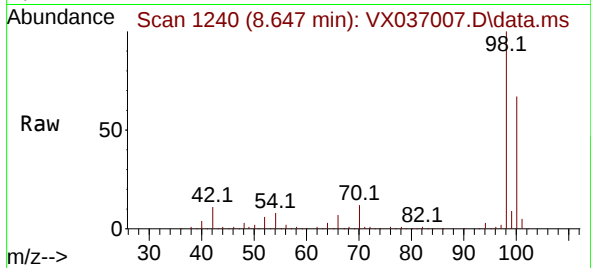




#50
Toluene-d8
Concen: 49.192 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

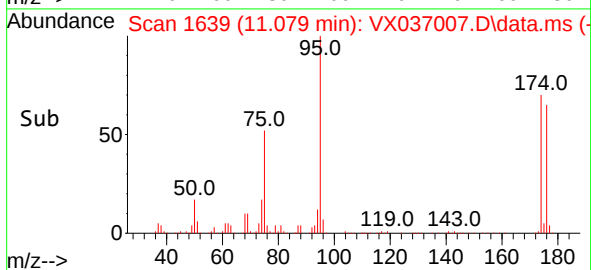
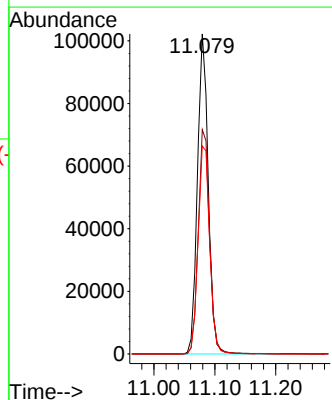
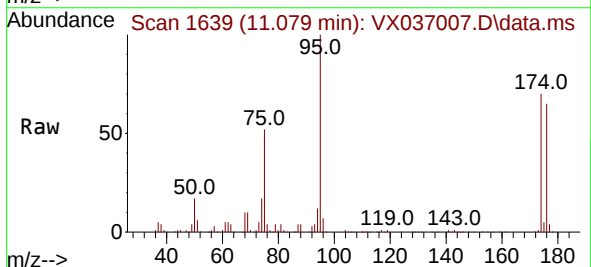
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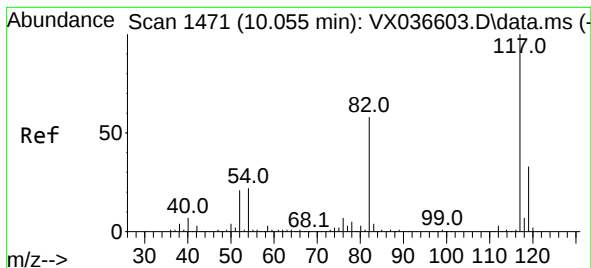
Tgt Ion: 98 Resp: 303061
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037007.D
Acq: 16 Aug 2023 10:55

Tgt Ion: 95 Resp: 126108
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.5 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: VX037007.D

Acq: 16 Aug 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBL01

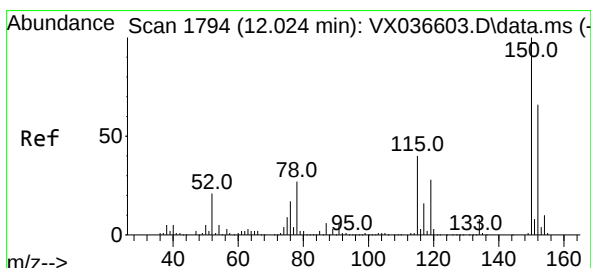
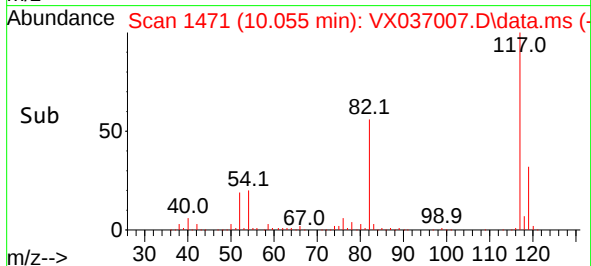
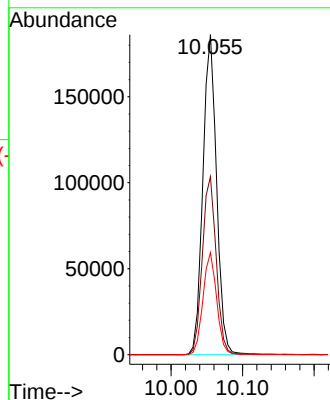
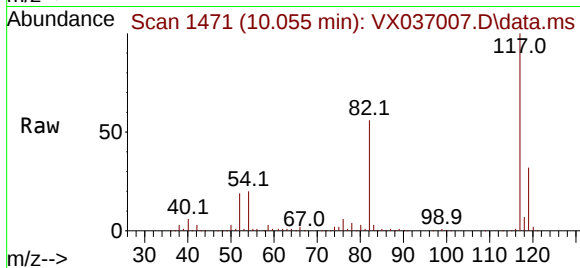
Tgt Ion:117 Resp: 247765

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.9 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: VX037007.D

Acq: 16 Aug 2023 10:55

Tgt Ion:152 Resp: 117772

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 157.0 0.0 345.0

