

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037221.D
 Acq On : 24 Aug 2023 17:07
 Operator : JC/MD
 Sample : 04088-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081823

Quant Time: Aug 24 23:39:46 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	148182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92626	43.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.385	113	74069	45.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	283326	48.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.079	95	107690	46.798	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%

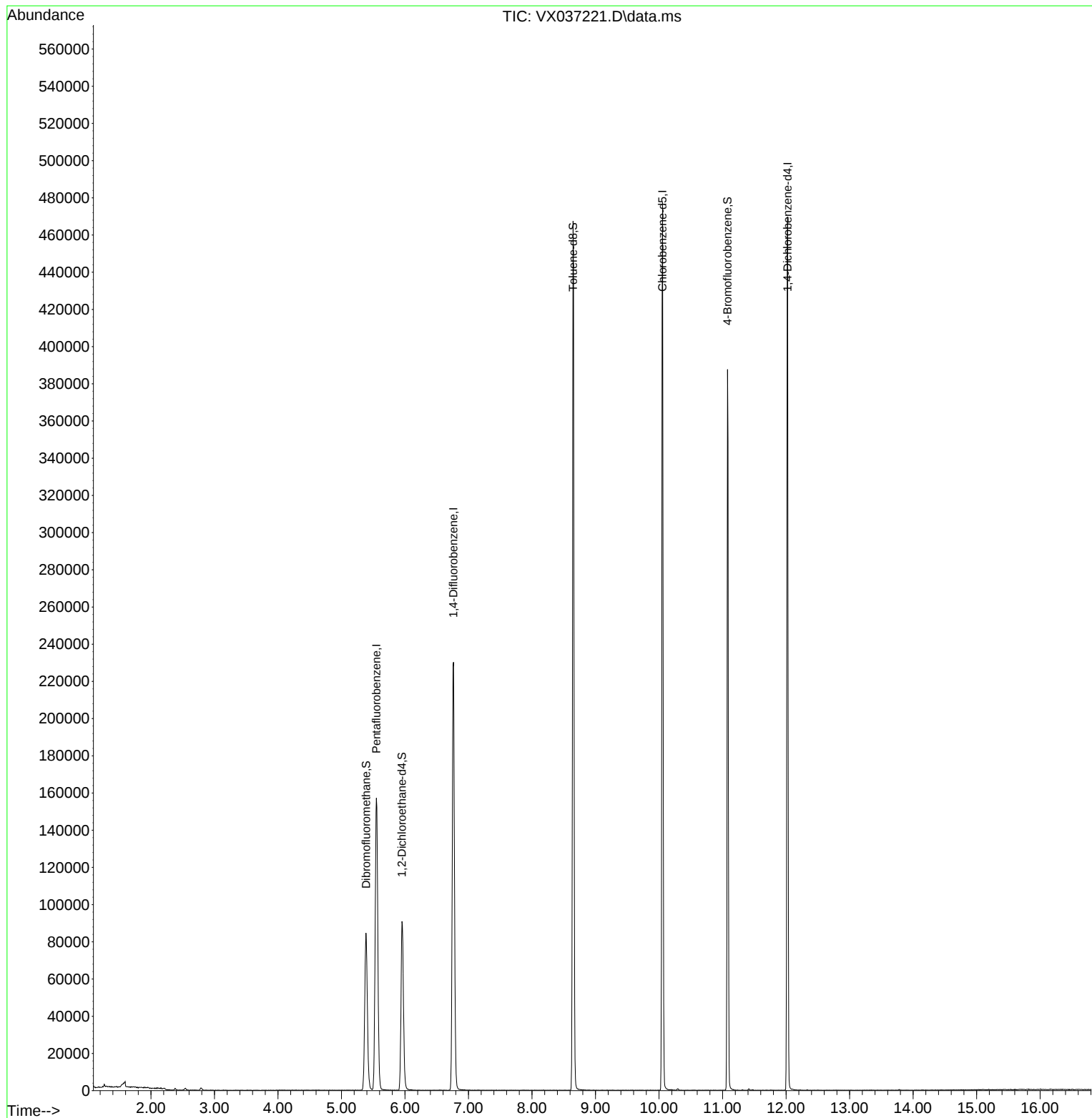
Target Compounds	Qvalue

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

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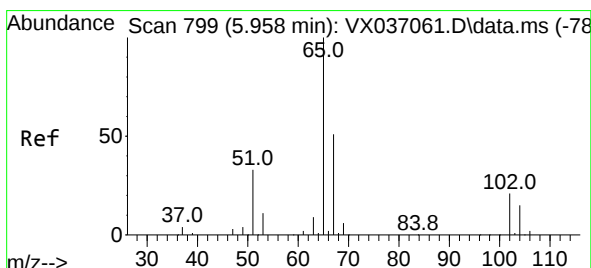
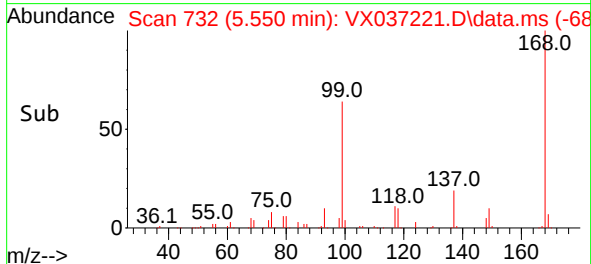
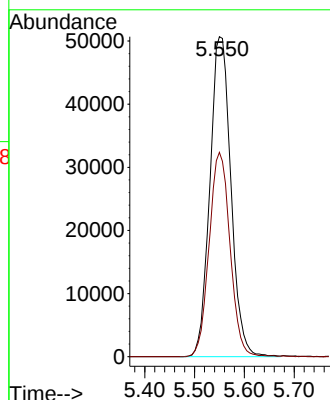
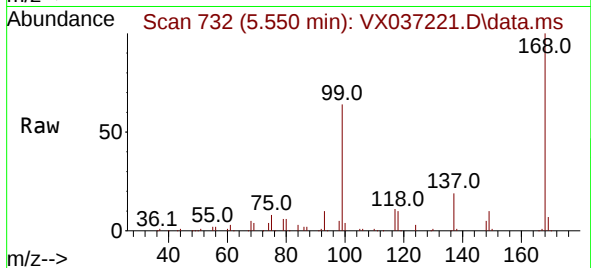




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

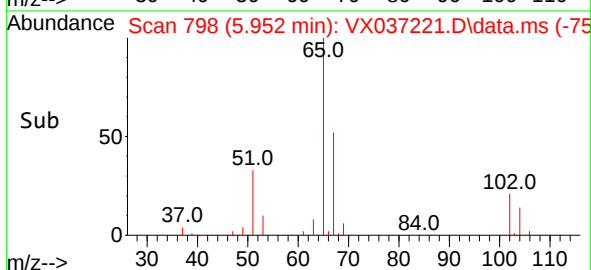
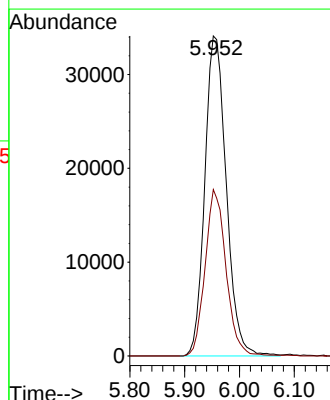
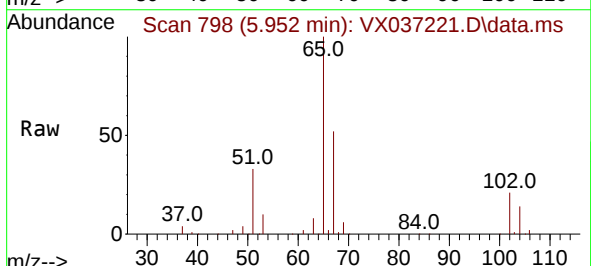
Instrument :
MSVOA_X
ClientSampleId :
TB-081823

Tgt Ion:168 Resp: 148182
Ion Ratio Lower Upper
168 100
99 63.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.358 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 65 Resp: 92626
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

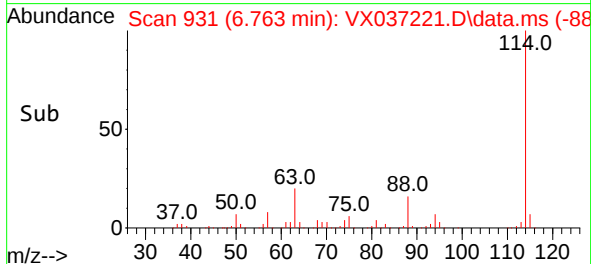
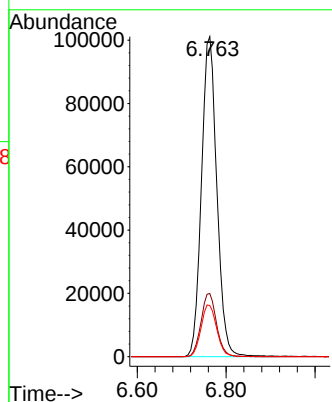
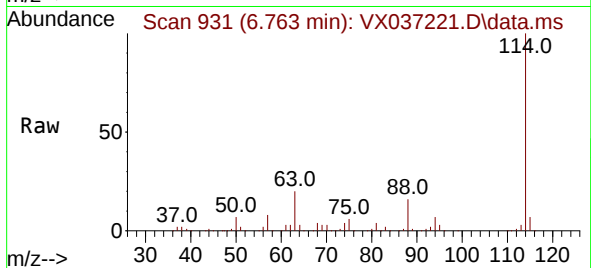




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

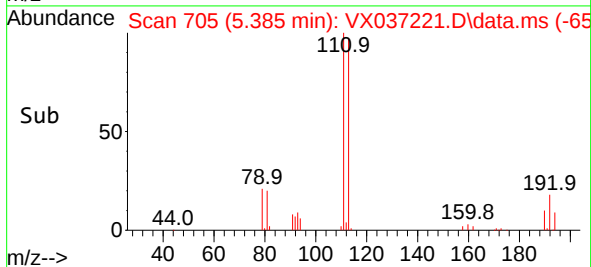
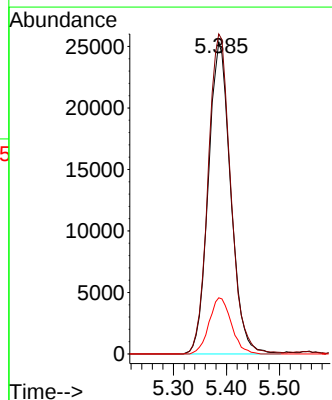
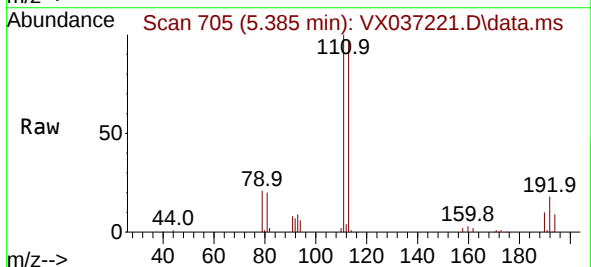
Instrument :
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ClientSampleId :
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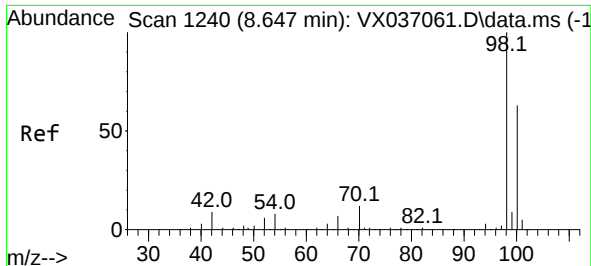
Tgt Ion:114 Resp: 243747
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion:113 Resp: 74069
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.0 13.3 19.9

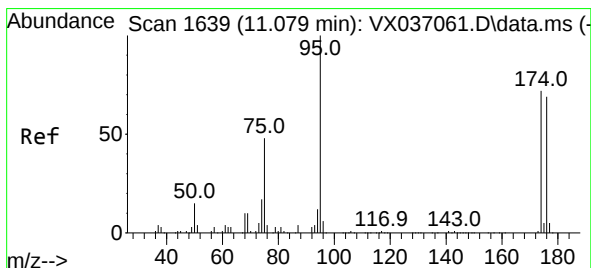
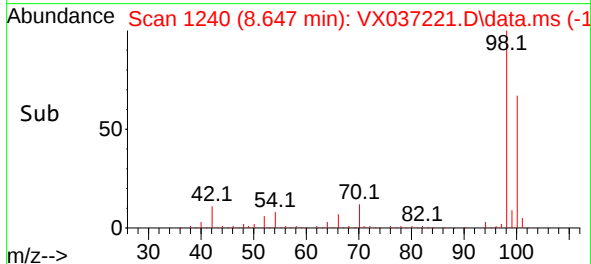
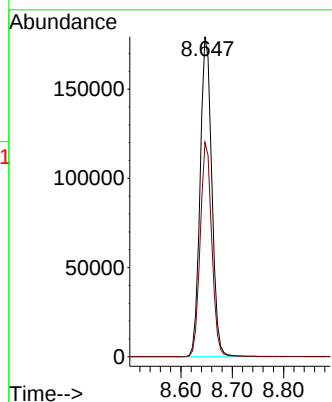
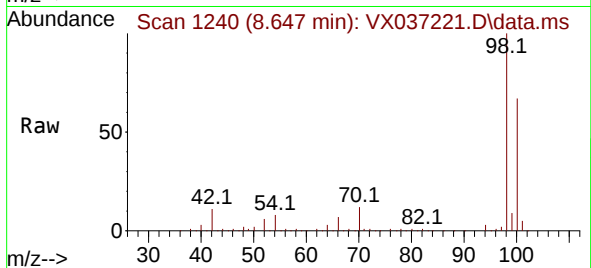




#50
Toluene-d8
Concen: 48.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

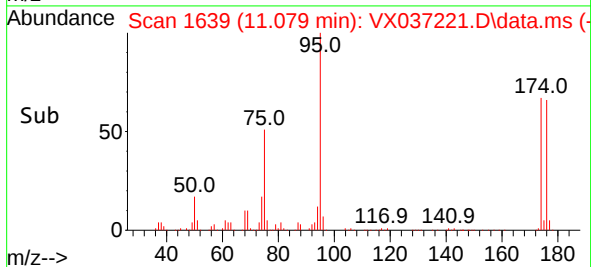
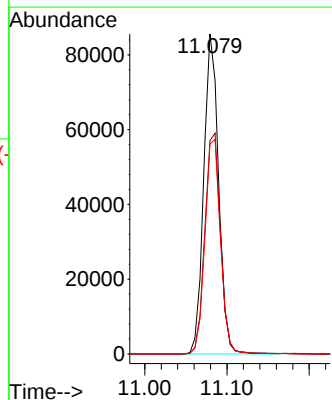
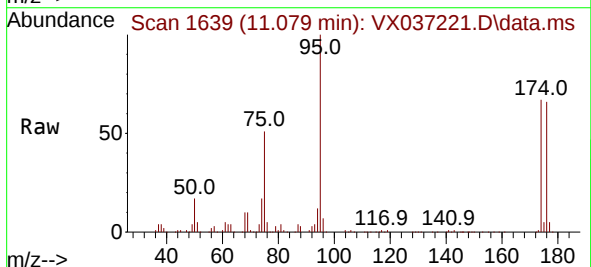
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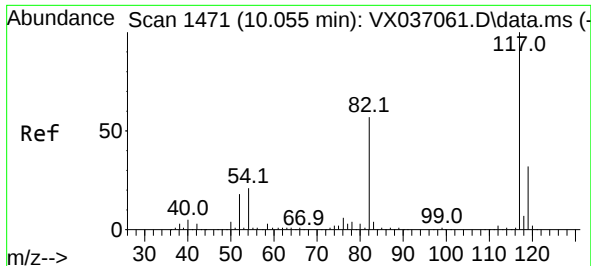
Tgt Ion: 98 Resp: 283326
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion: 95 Resp: 107690
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.1 0.0 131.0

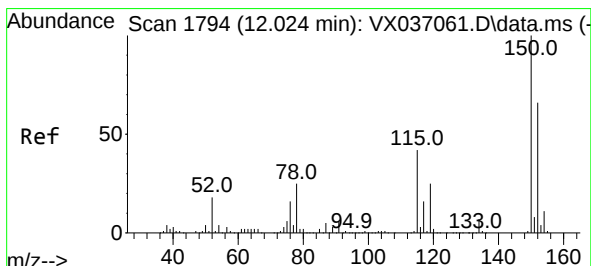
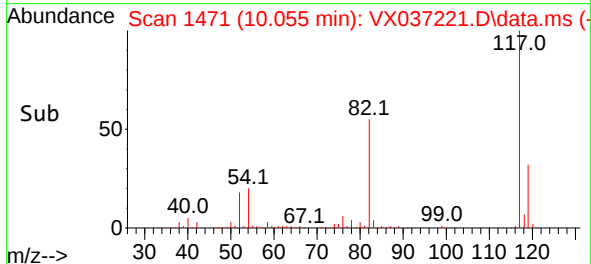
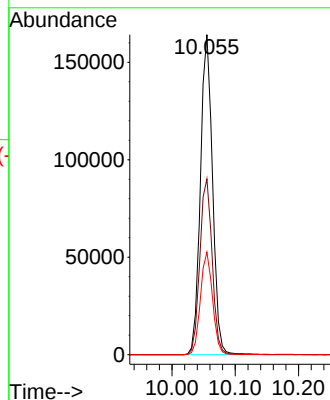
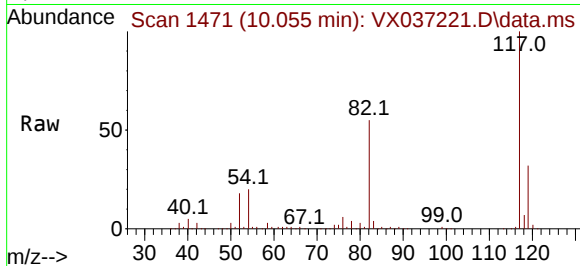




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037221.D
Acq: 24 Aug 2023 17:07

Instrument :
MSVOA_X
ClientSampleId :
TB-081823

Tgt Ion:117 Resp: 219119
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.1 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: VX037221.D
Acq: 24 Aug 2023 17:07

Tgt Ion:152 Resp: 99358
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.0 0.0 345.0

