

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101923\
 Data File : VX038383.D
 Acq On : 19 Oct 2023 14:14
 Operator : JC/MD
 Sample : 04966-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231013021-05-TRIP-BLANK

Quant Time: Oct 20 03:40:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82587	45.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.480%
35) Dibromofluoromethane	5.391	113	65491	44.318	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.640%
50) Toluene-d8	8.647	98	261739	46.351	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	99866	46.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.300%

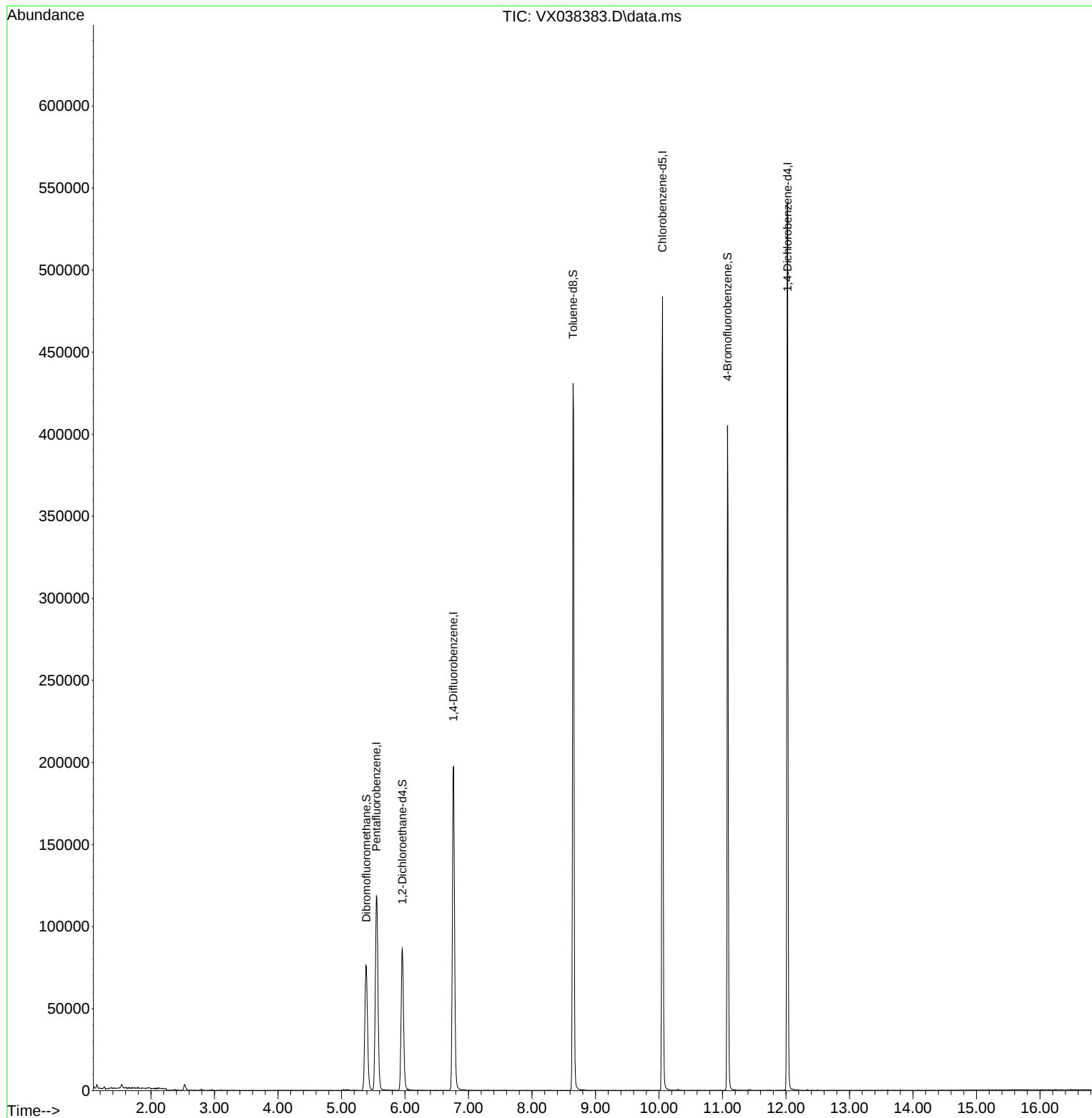
Target Compounds	Qvalue

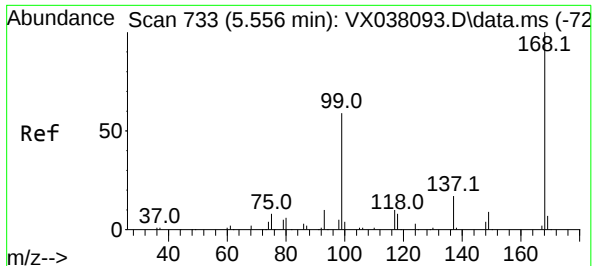
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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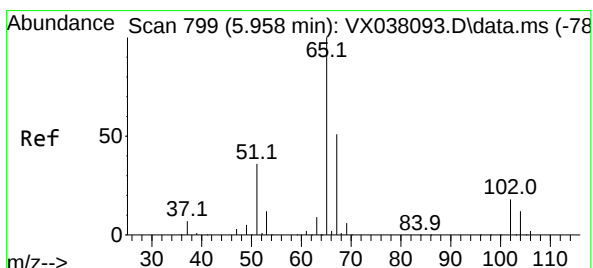
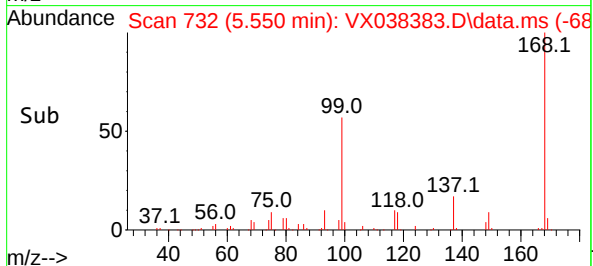
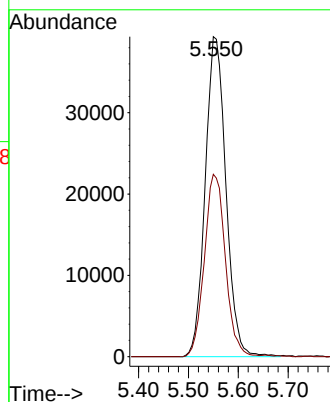
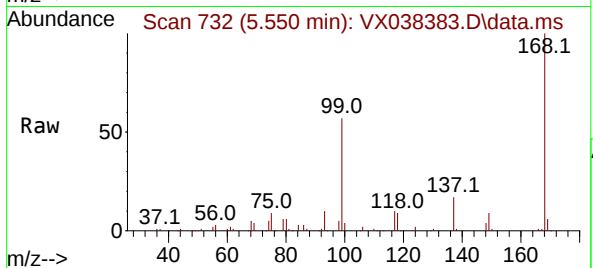




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

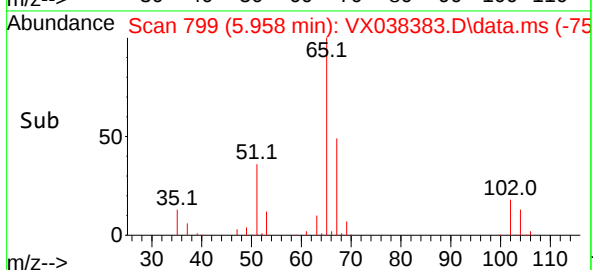
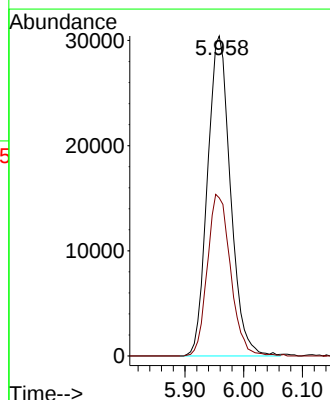
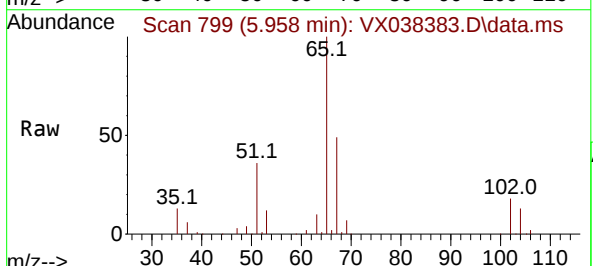
Instrument :
MSVOA_X
ClientSampleId :
231013021-05-TRIP-BLANK

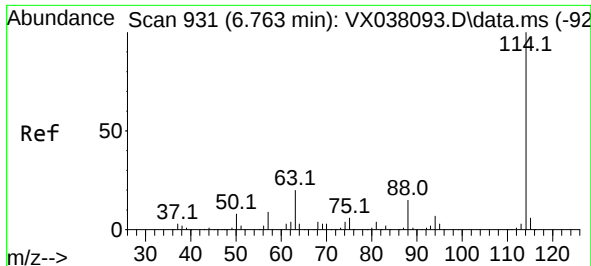
Tgt Ion:168 Resp: 113503
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.238 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

Tgt Ion: 65 Resp: 82587
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

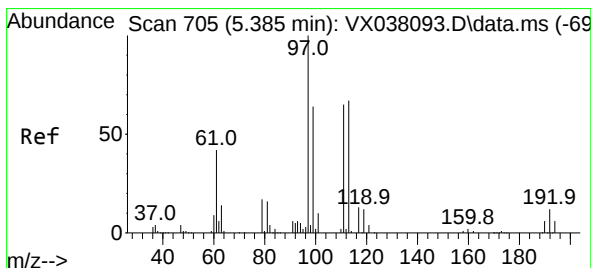
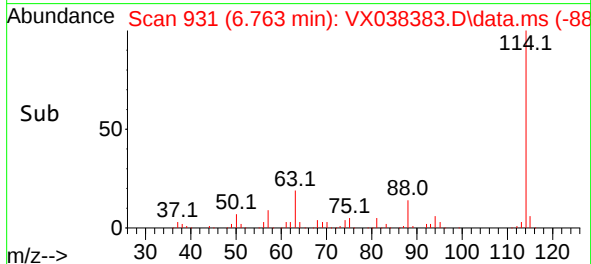
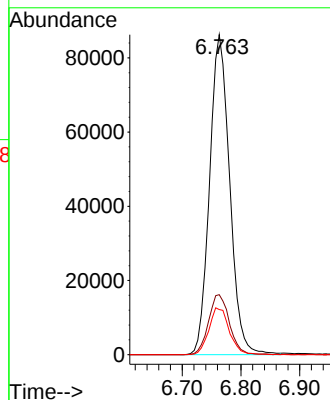
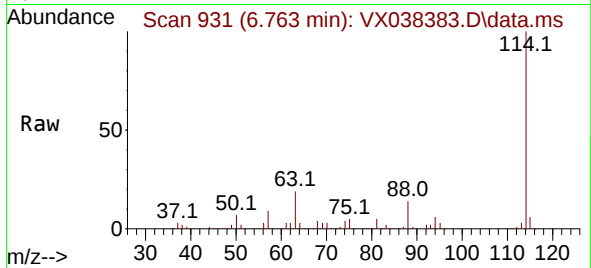




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

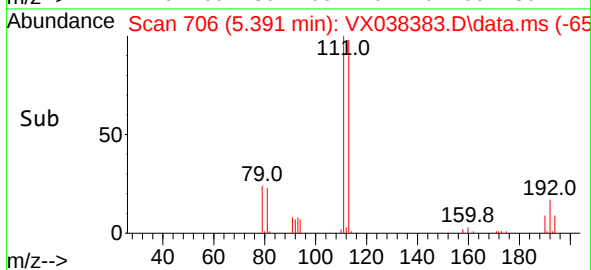
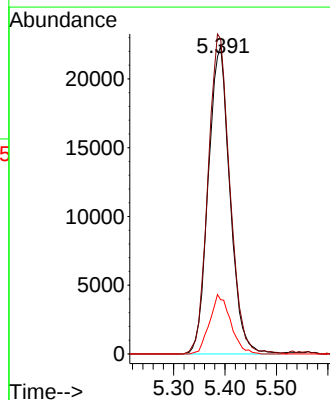
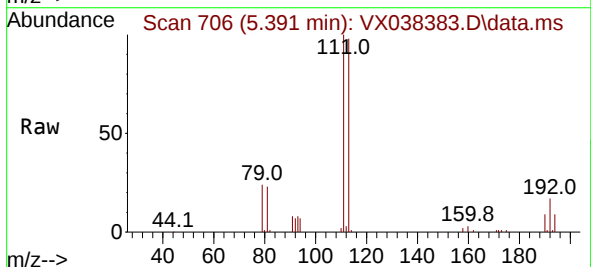
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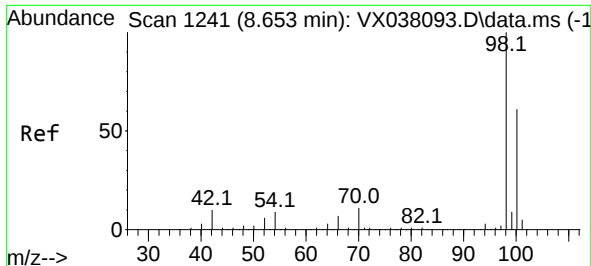
Tgt Ion:114 Resp: 205082
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.318 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

Tgt Ion:113 Resp: 65491
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 18.7 13.3 19.9

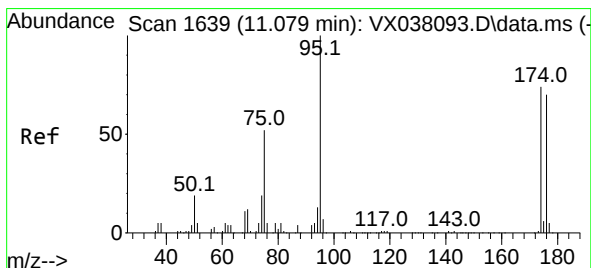
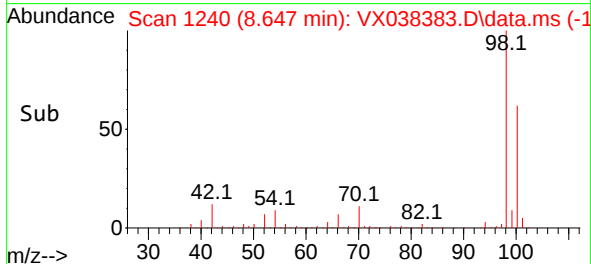
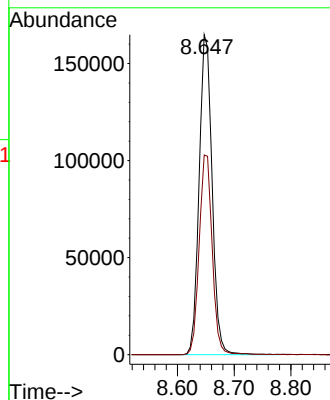
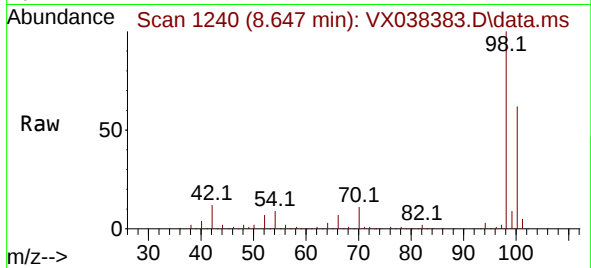




#50
Toluene-d8
Concen: 46.351 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

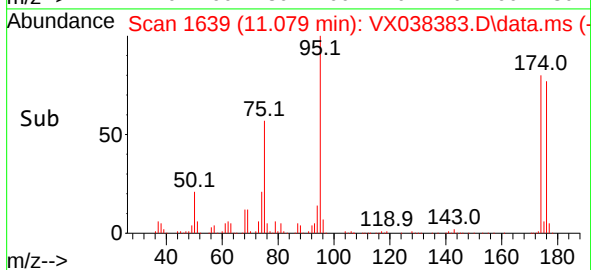
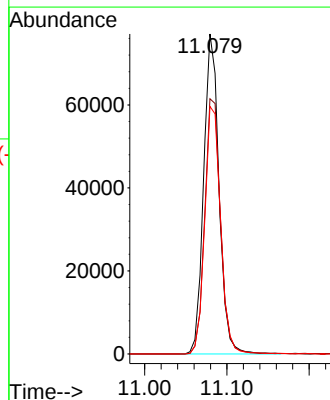
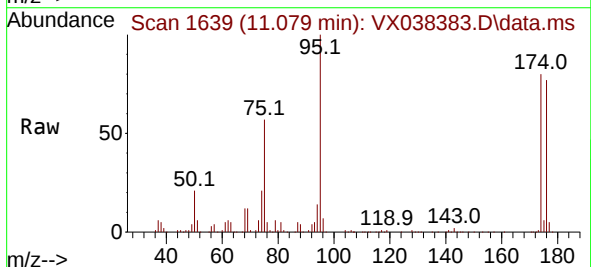
Instrument :
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ClientSampleId :
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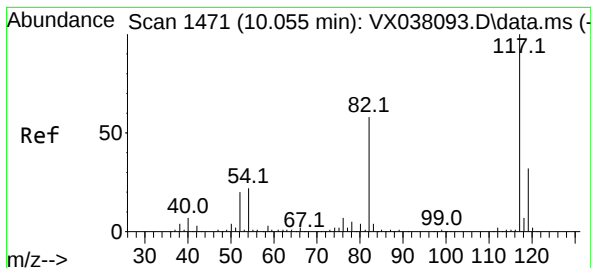
Tgt Ion: 98 Resp: 261739
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038383.D
Acq: 19 Oct 2023 14:14

Tgt Ion: 95 Resp: 99866
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 80.1 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: VX038383.D

Acq: 19 Oct 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

231013021-05-TRIP-BLANK

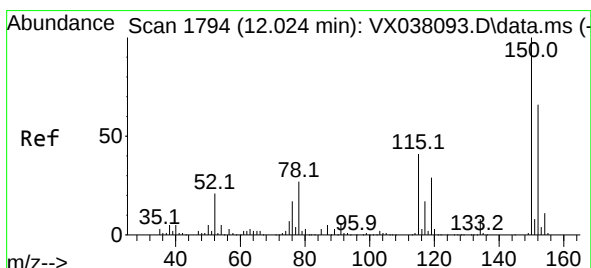
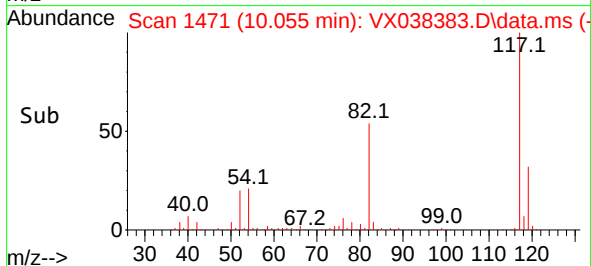
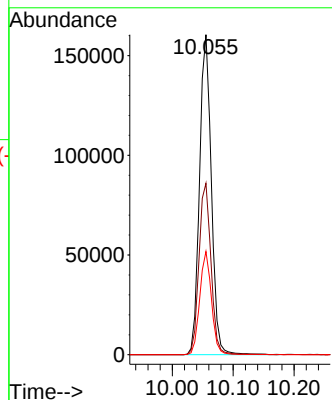
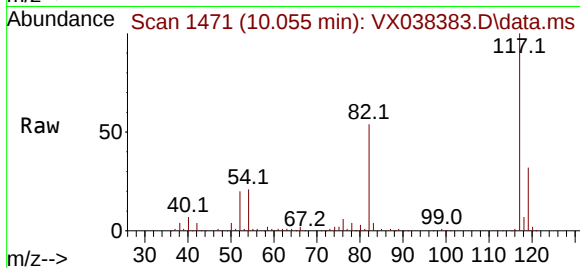
Tgt Ion:117 Resp: 216251

Ion Ratio Lower Upper

117 100

82 53.6 46.2 69.4

119 32.3 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: VX038383.D

Acq: 19 Oct 2023 14:14

Tgt Ion:152 Resp: 114573

Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 156.6 0.0 345.0

