

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038650.D
 Acq On : 08 Nov 2023 12:59
 Operator : JC/MD
 Sample : 05238-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 09 01:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	283170	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	463000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162242	46.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	151776	45.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	544190	45.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	231425	50.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.040%

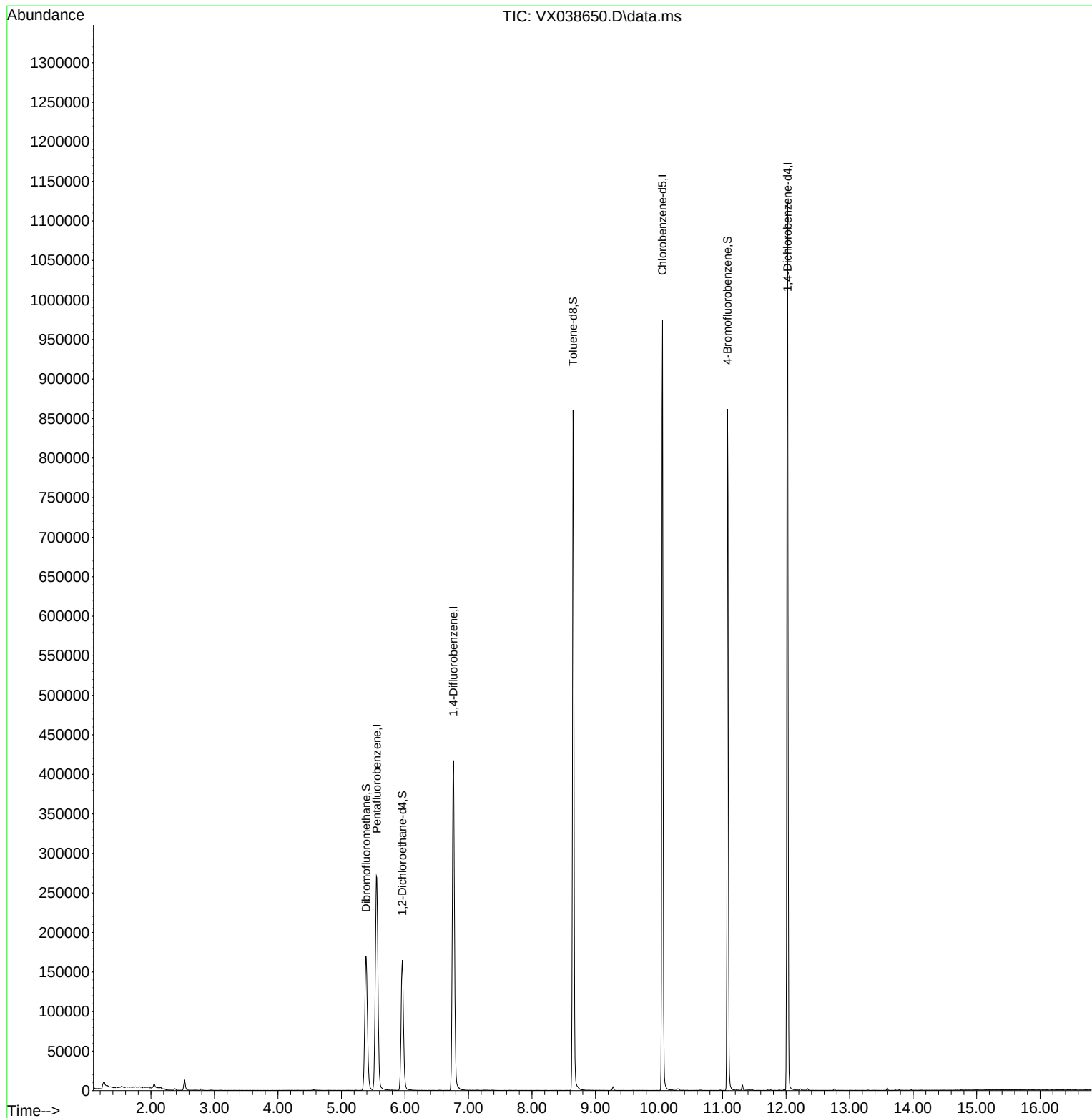
Target Compounds	Qvalue

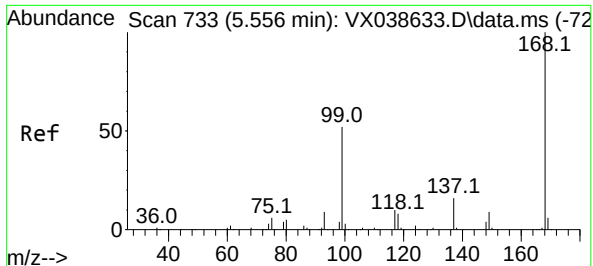
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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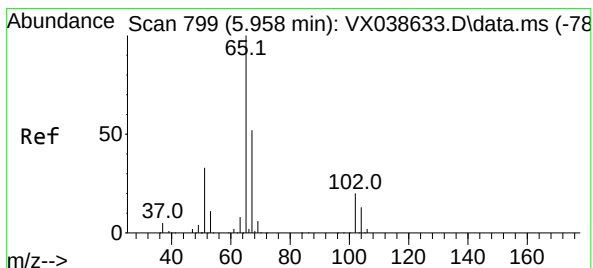
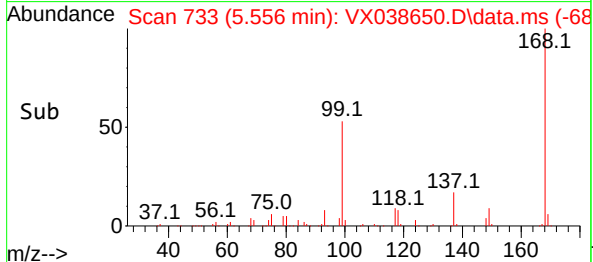
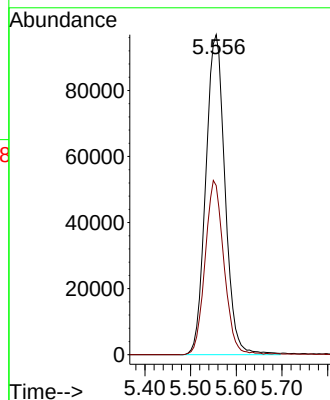
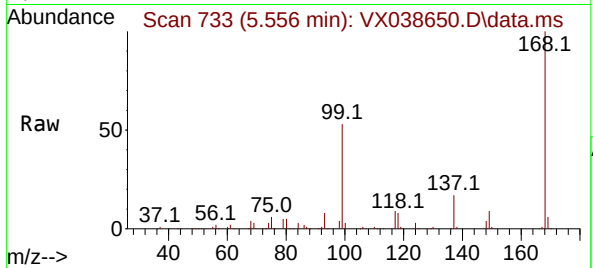




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

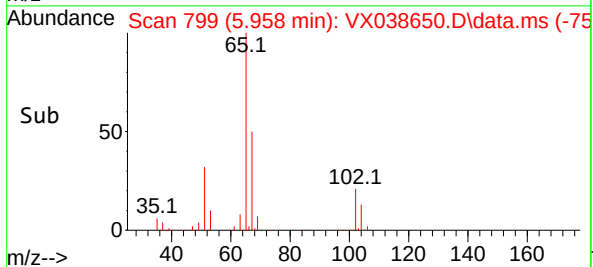
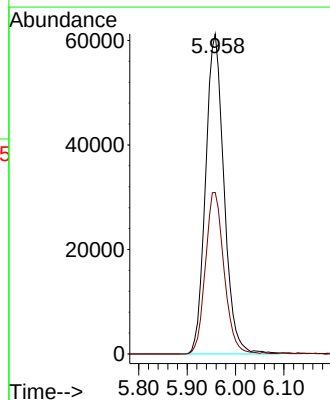
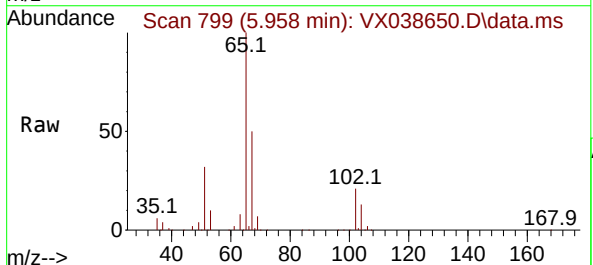
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

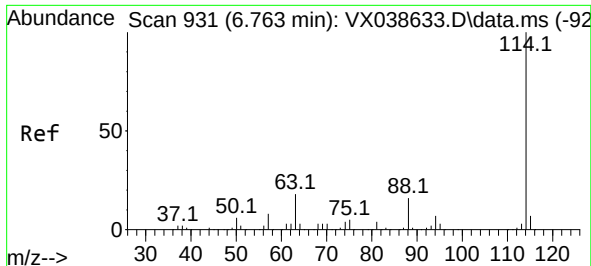
Tgt Ion:168 Resp: 283170
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 65 Resp: 162242
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

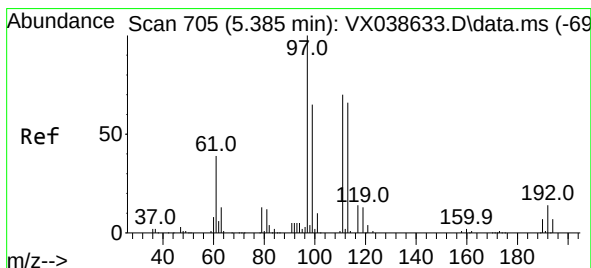
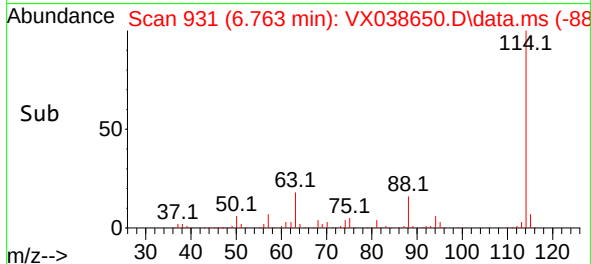
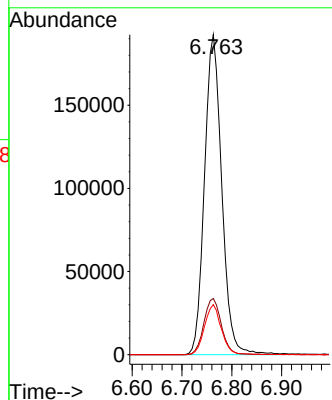
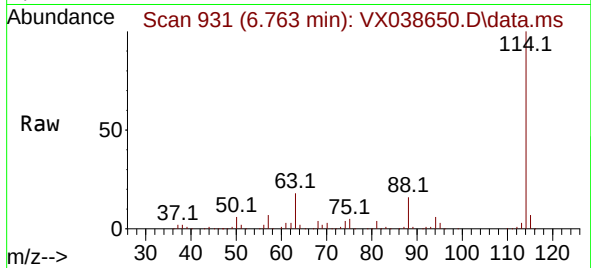




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

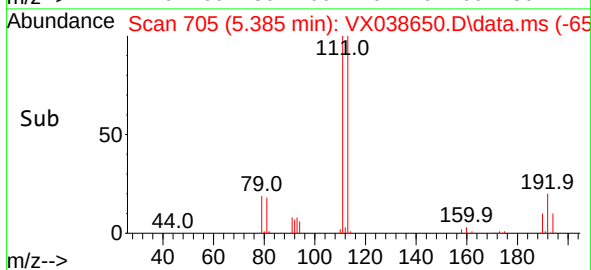
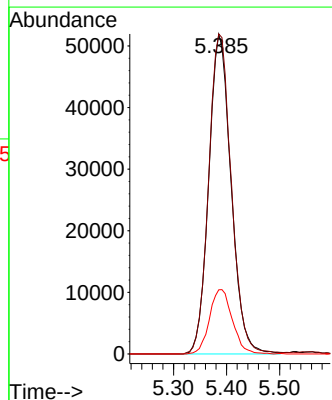
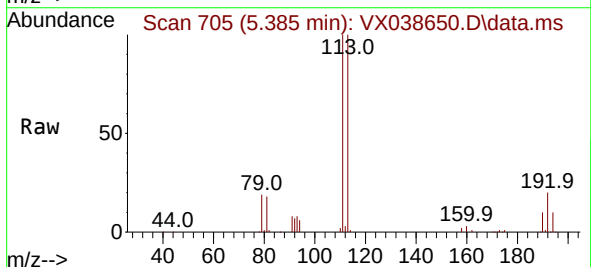
Instrument :
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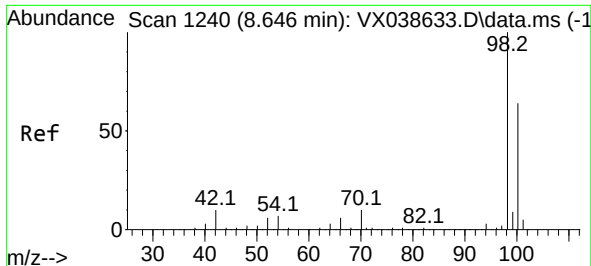
Tgt Ion:114 Resp: 463000
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.515 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion:113 Resp: 151776
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 20.6 13.3 19.9#

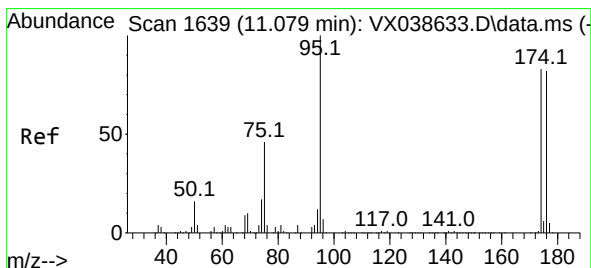
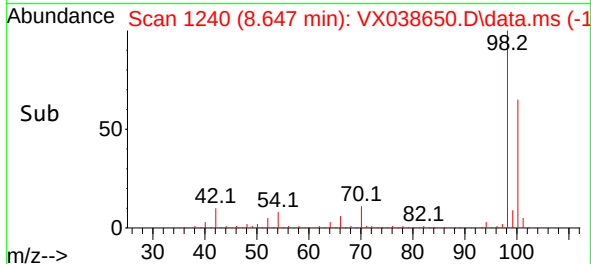
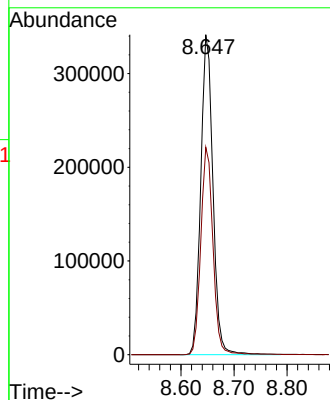
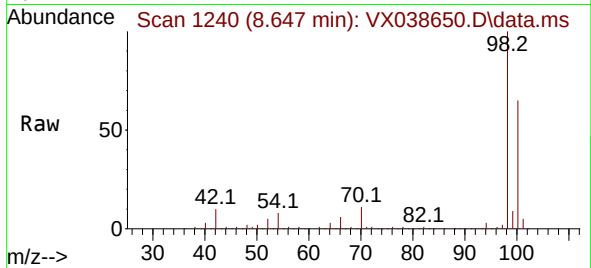




#50
Toluene-d8
Concen: 45.605 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

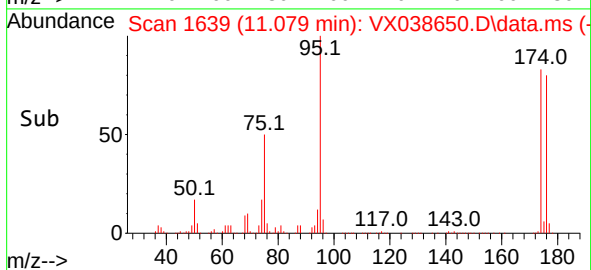
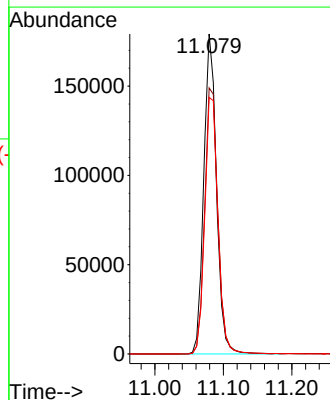
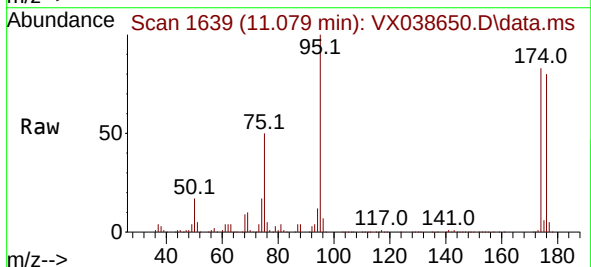
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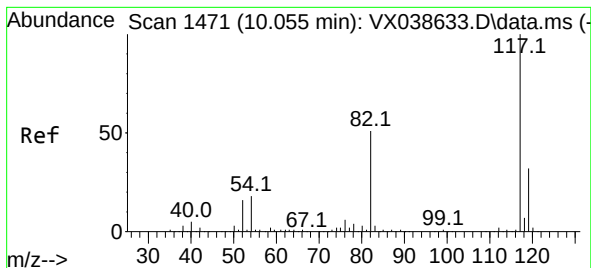
Tgt Ion: 98 Resp: 544190
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 95 Resp: 231425
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.9 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: VX038650.D

Acq: 08 Nov 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

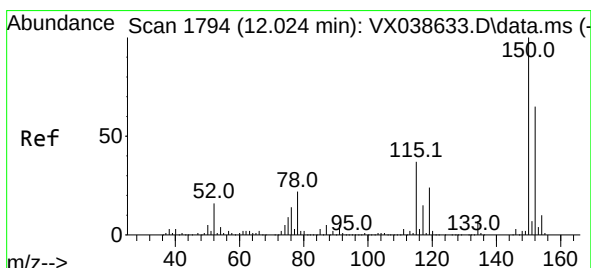
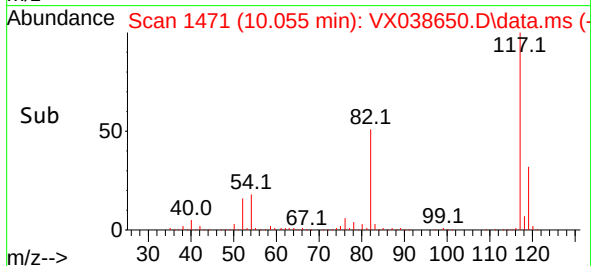
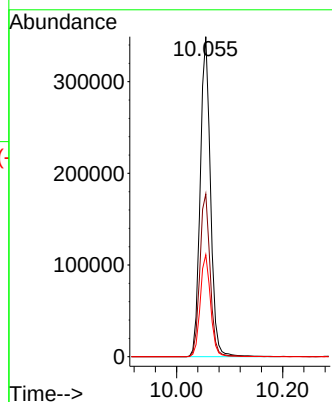
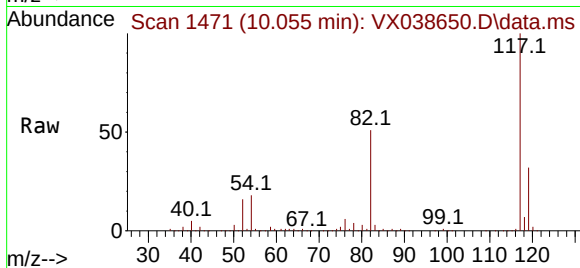
Tgt Ion:117 Resp: 469858

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 31.8 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: VX038650.D

Acq: 08 Nov 2023 12:59

Tgt Ion:152 Resp: 267082

Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 156.0 0.0 345.0

