

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039892.D
 Acq On : 22 Jan 2024 18:24
 Operator : JC/MD
 Sample : P1215-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-400-402

Quant Time: Jan 23 00:20:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70191	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63176	47.839	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.385	113	49228	50.590	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	8.647	98	179478	48.904	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.079	95	71842	50.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.120%

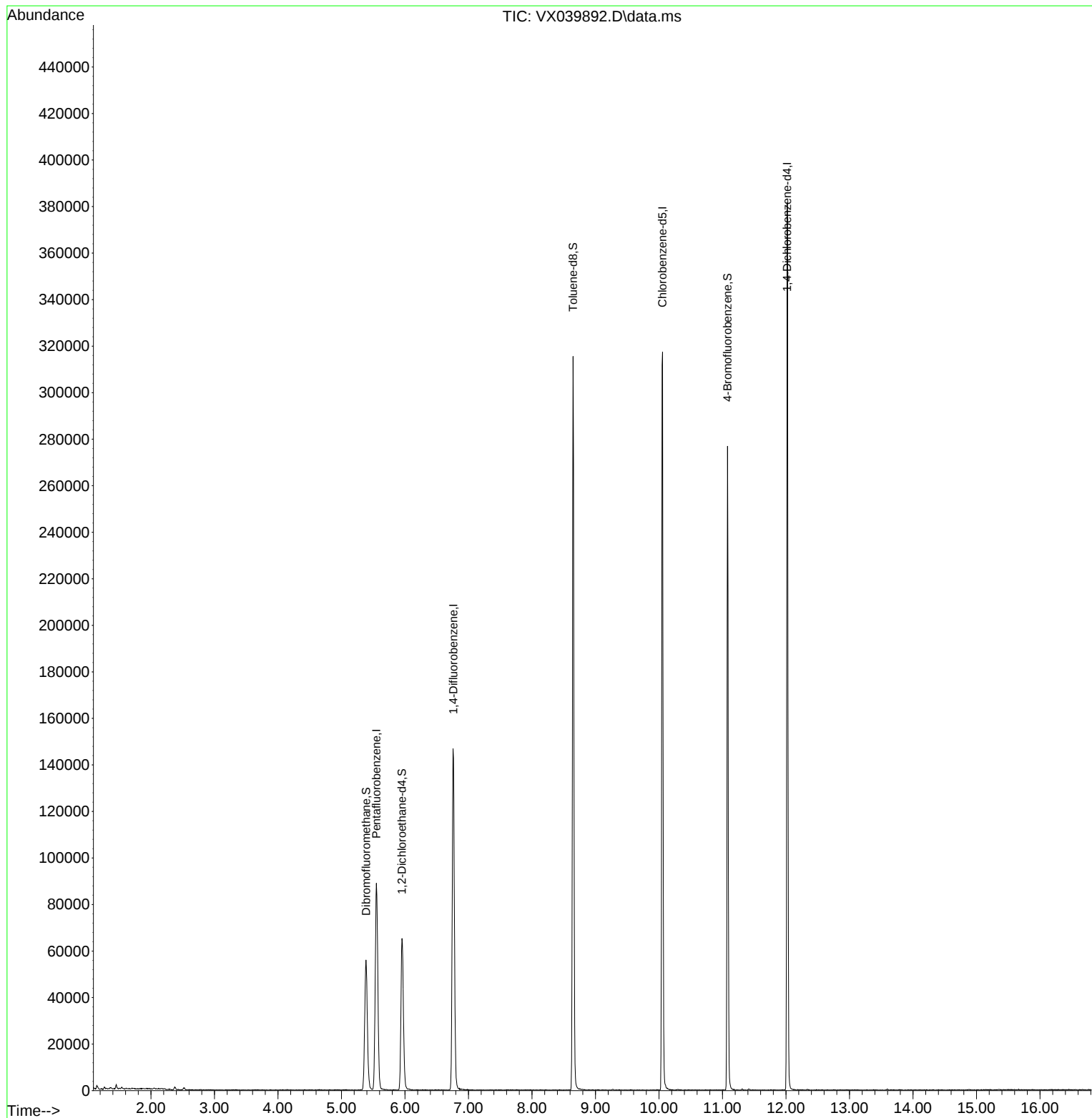
Target Compounds	Qvalue

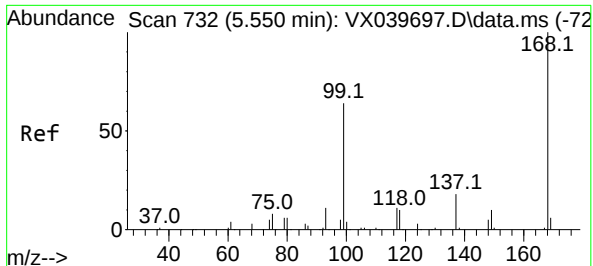
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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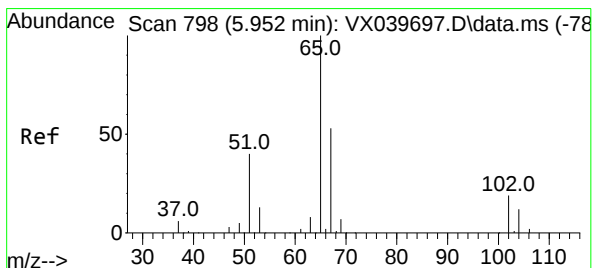
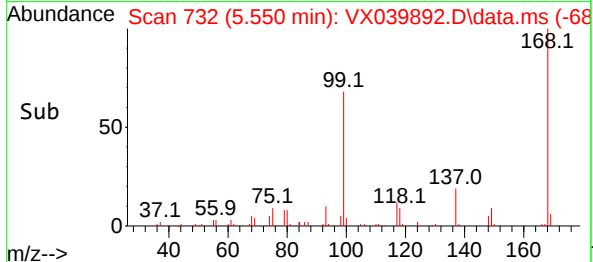
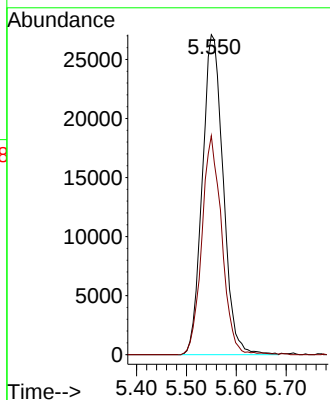
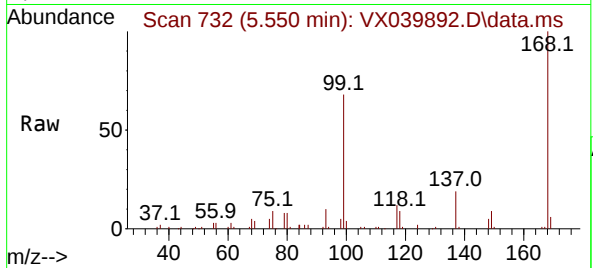




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

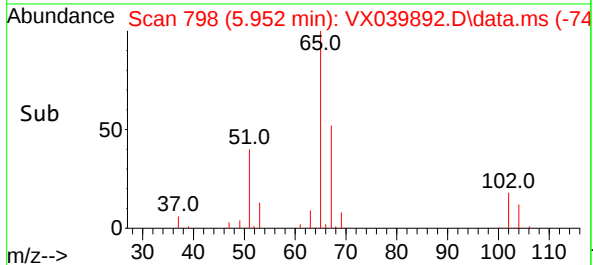
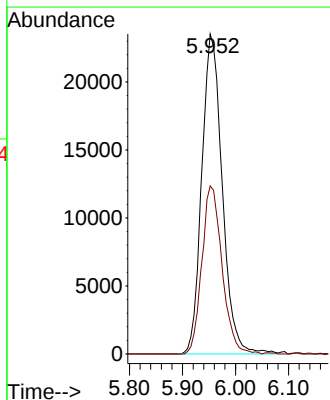
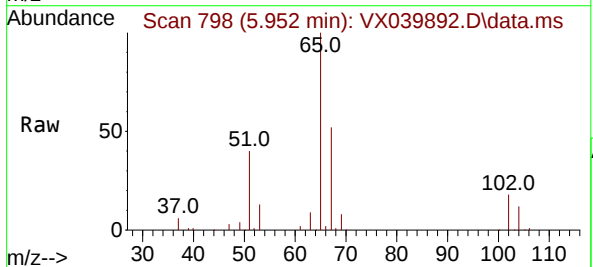
Instrument : MSVOA_X
ClientSampleId : BP-VPB-195-GW-400-402

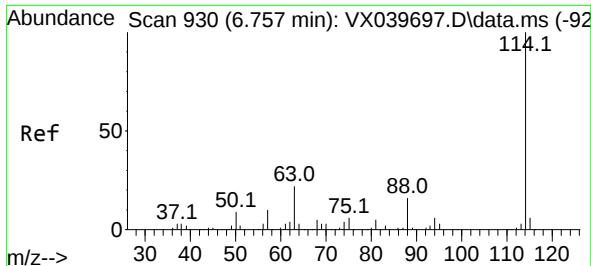
Tgt Ion:168 Resp: 78834
Ion Ratio Lower Upper
168 100
99 68.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.839 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

Tgt Ion: 65 Resp: 63176
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

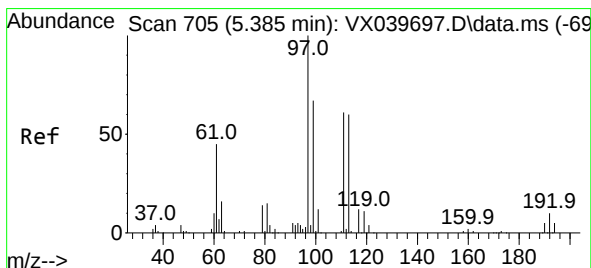
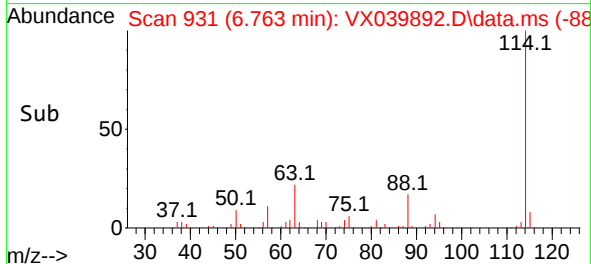
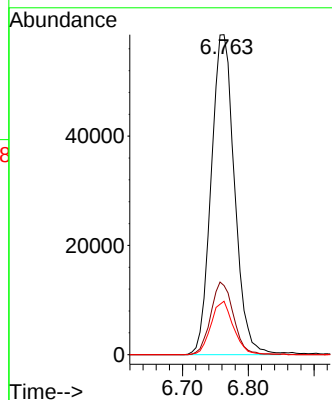
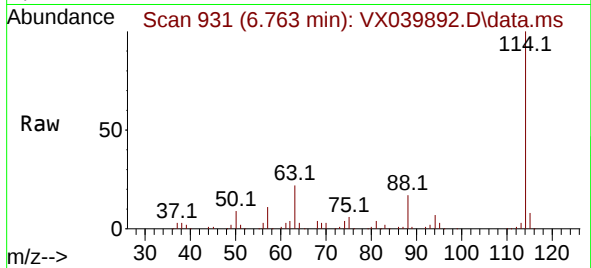




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

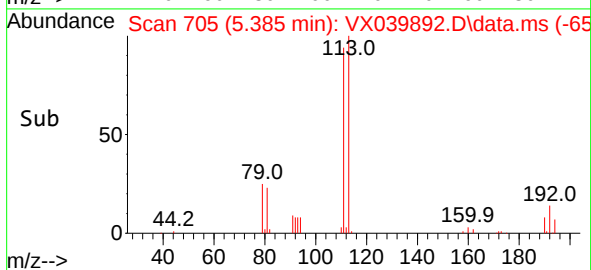
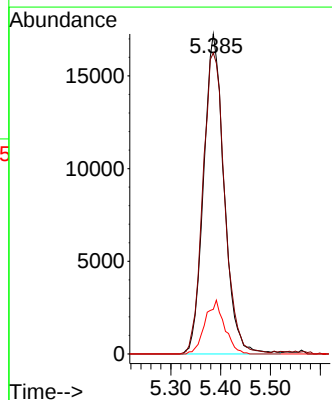
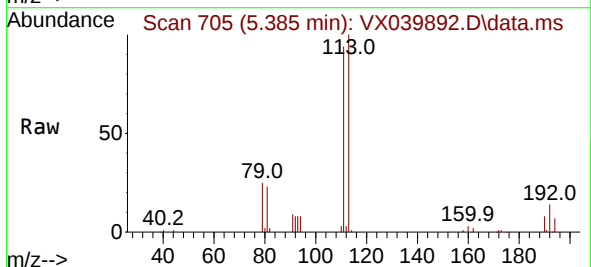
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-400-402

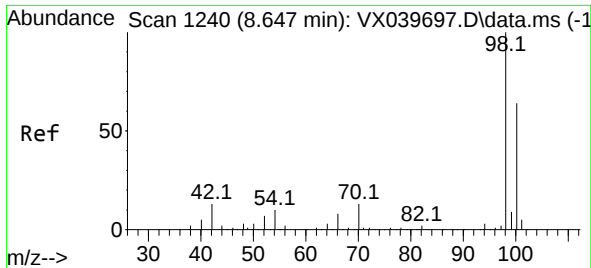
Tgt Ion:114 Resp: 144472
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.590 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

Tgt Ion:113 Resp: 49228
Ion Ratio Lower Upper
113 100
111 100.2 82.9 124.3
192 16.0 13.3 19.9

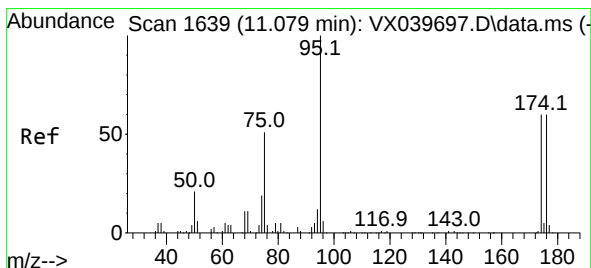
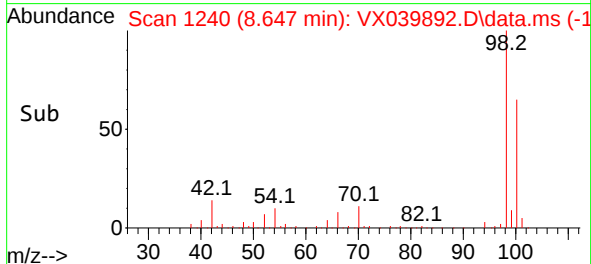
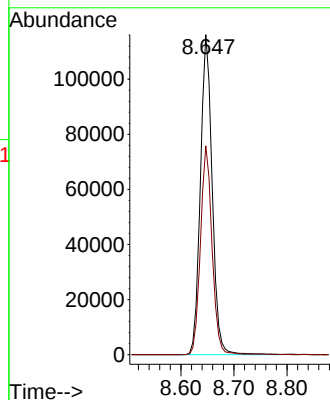
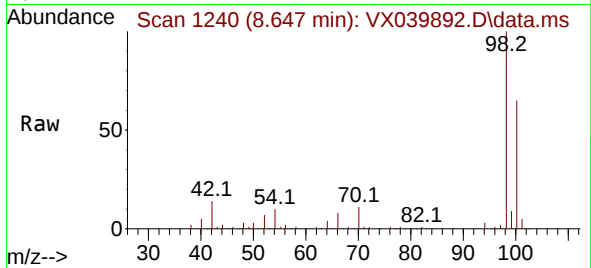




#50
Toluene-d8
Concen: 48.904 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

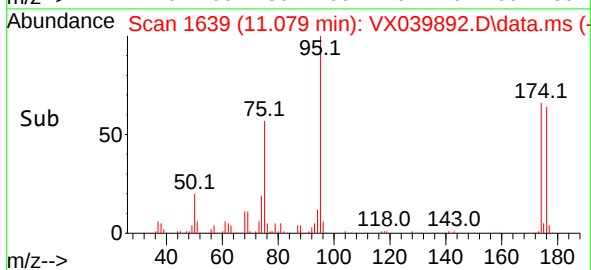
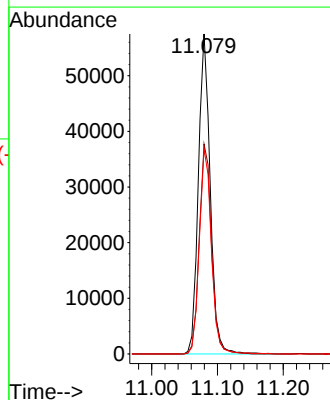
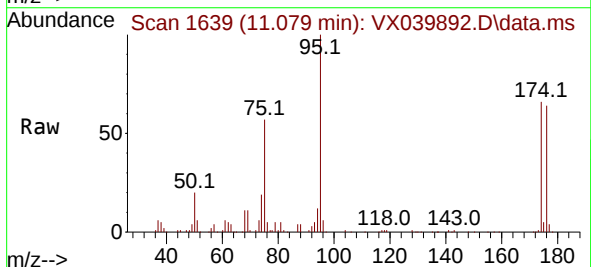
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-400-402

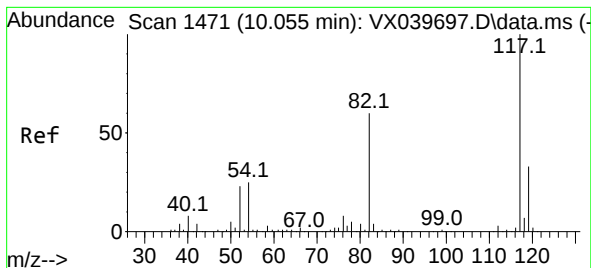
Tgt Ion: 98 Resp: 179478
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039892.D
Acq: 22 Jan 2024 18:24

Tgt Ion: 95 Resp: 71842
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 65.3 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: VX039892.D

Acq: 22 Jan 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-400-402

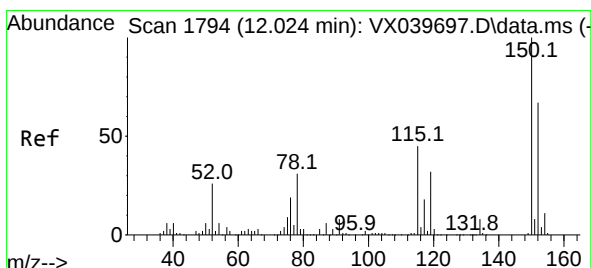
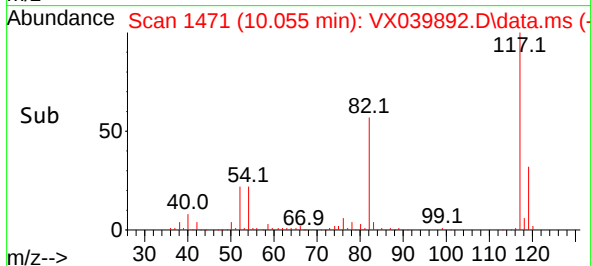
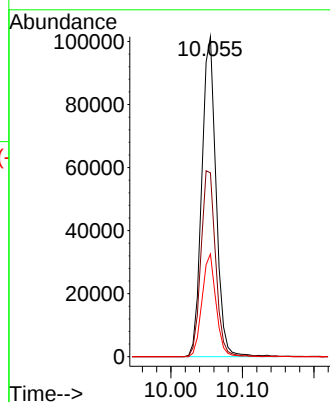
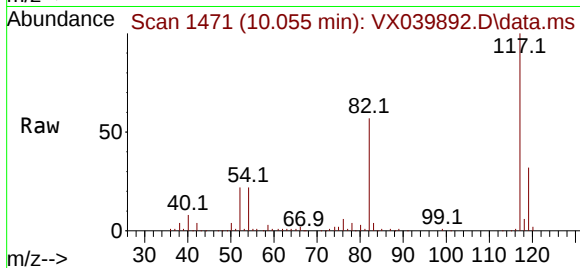
Tgt Ion:117 Resp: 140861

Ion Ratio Lower Upper

117 100

82 57.4 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039892.D

Acq: 22 Jan 2024 18:24

Tgt Ion:152 Resp: 70191

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 156.1 0.0 345.0

