

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034115.D
 Acq On : 10 Feb 2023 15:28
 Operator : JC/MD
 Sample : 01519-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-GW-718-720

Quant Time: Feb 11 02:50:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	118115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57342	50.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.720%	
35) Dibromofluoromethane	5.385	113	51959	50.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.180%	
50) Toluene-d8	8.647	98	184256	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	11.079	95	64889	48.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.240%	

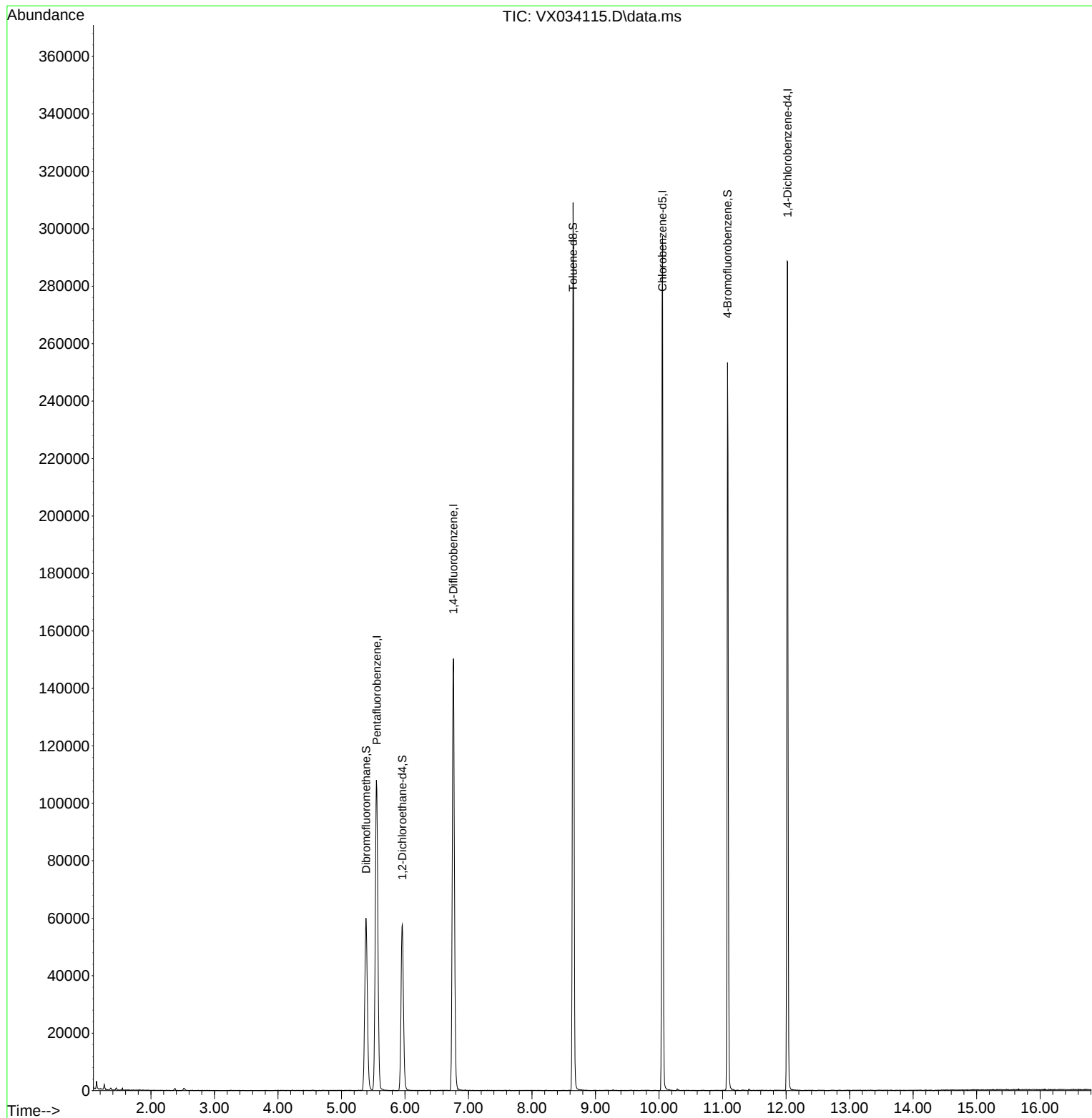
Target Compounds	Qvalue

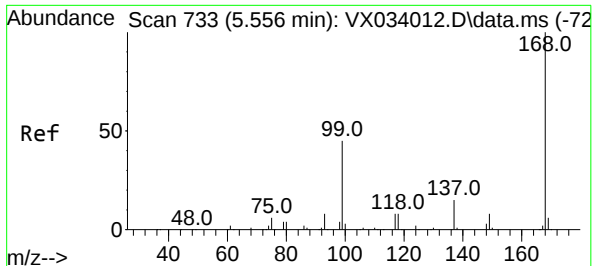
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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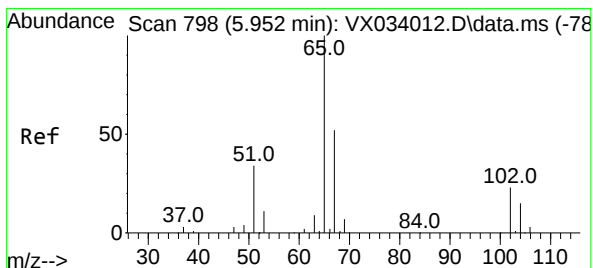
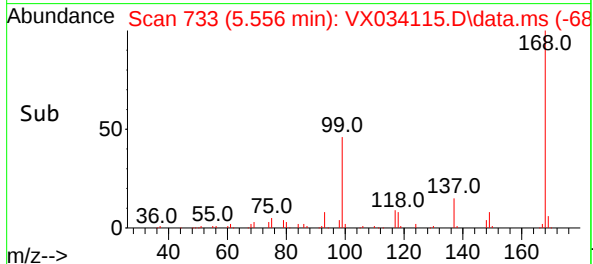
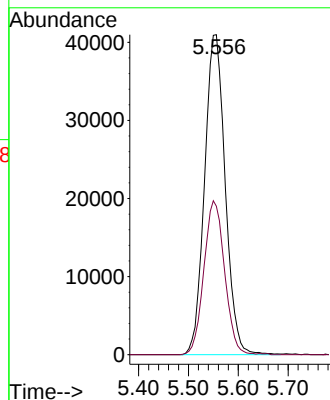
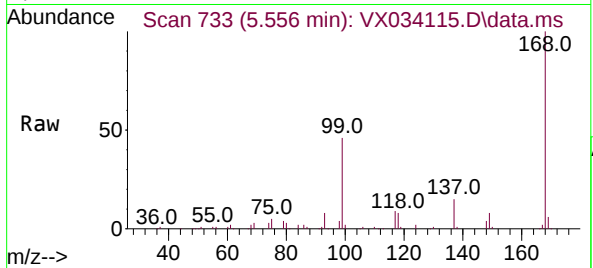




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

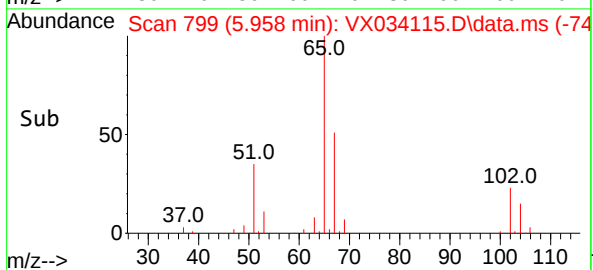
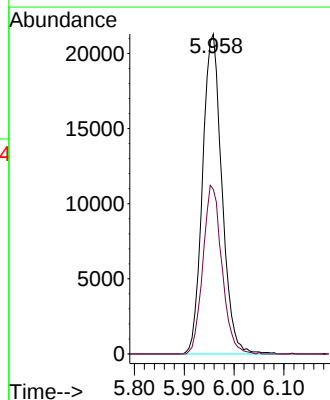
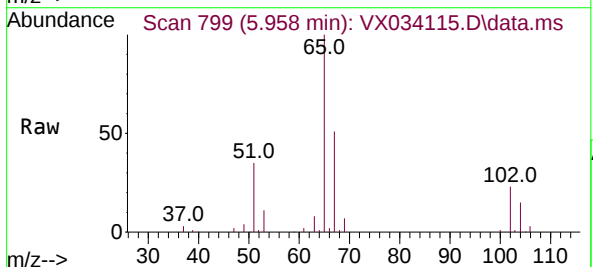
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-GW-718-720

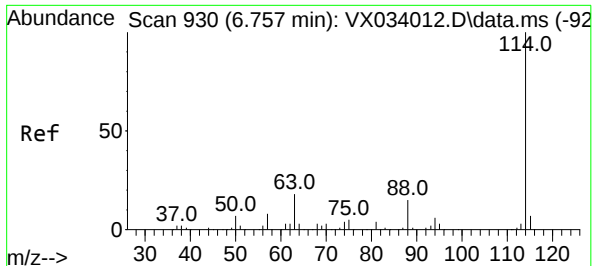
Tgt Ion:168 Resp: 118115
Ion Ratio Lower Upper
168 100
99 46.4 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 50.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

Tgt Ion: 65 Resp: 57342
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

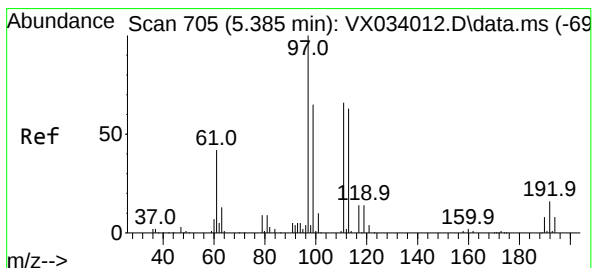
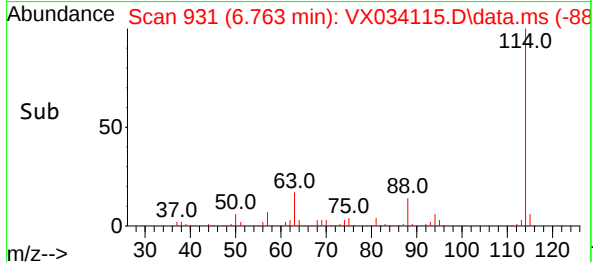
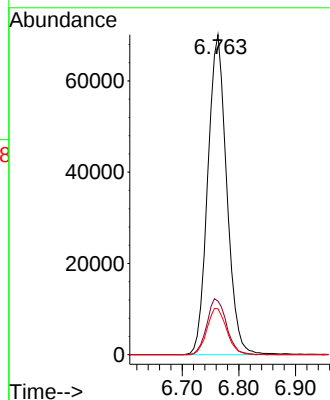
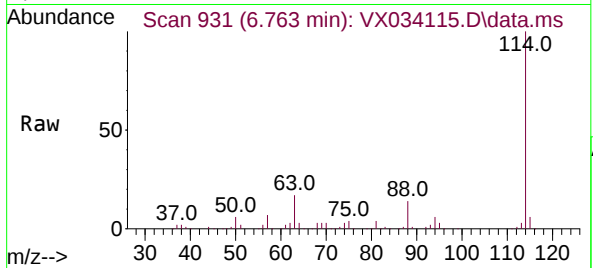




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

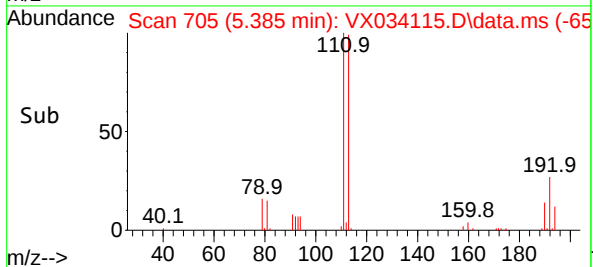
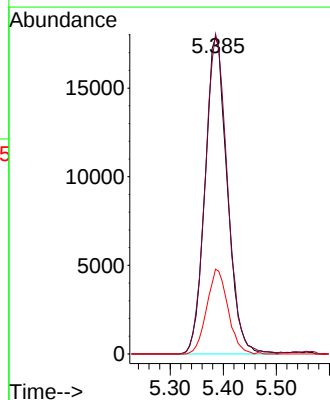
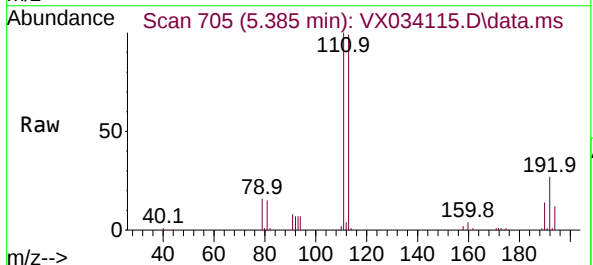
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MSVOA_X
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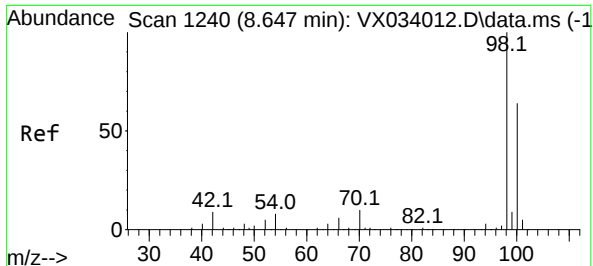
Tgt Ion:114 Resp: 162976
Ion Ratio Lower Upper
114 100
63 16.7 0.0 37.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

Tgt Ion:113 Resp: 51959
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 25.5 19.0 28.4

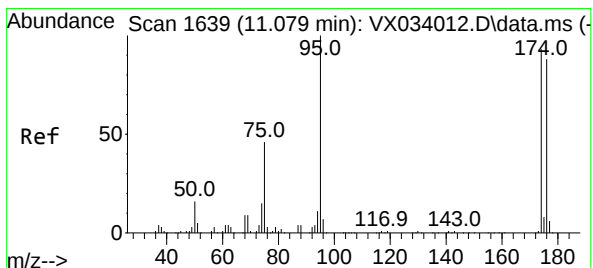
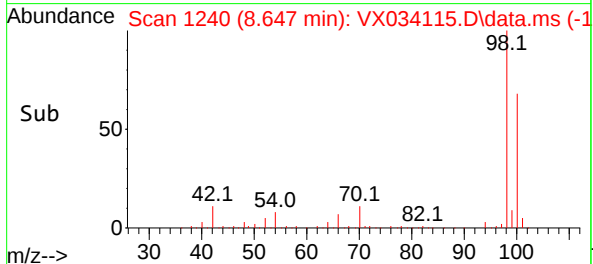
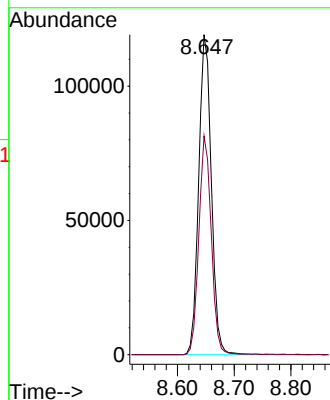
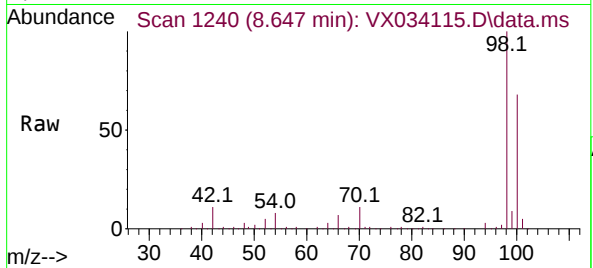




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

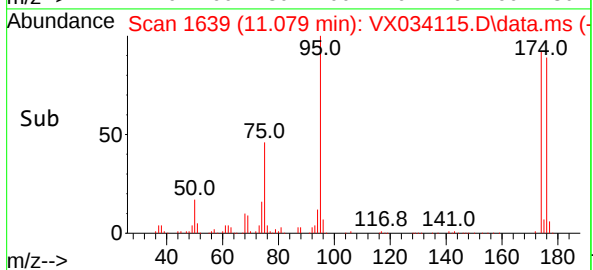
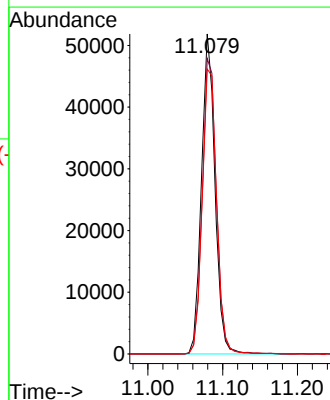
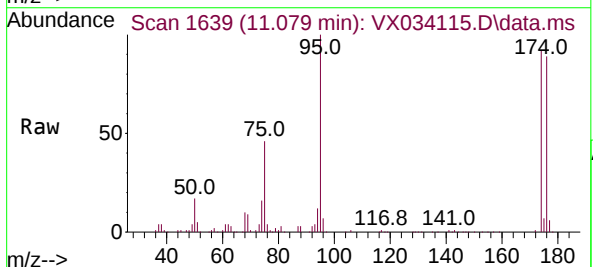
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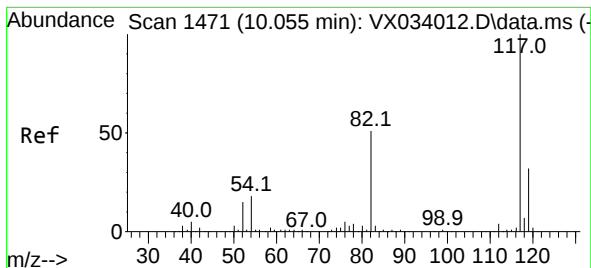
Tgt Ion: 98 Resp: 184256
Ion Ratio Lower Upper
98 100
100 67.3 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 48.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034115.D
Acq: 10 Feb 2023 15:28

Tgt Ion: 95 Resp: 64889
Ion Ratio Lower Upper
95 100
174 96.8 0.0 184.4
176 95.3 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034115.D

Acq: 10 Feb 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-GW-718-720

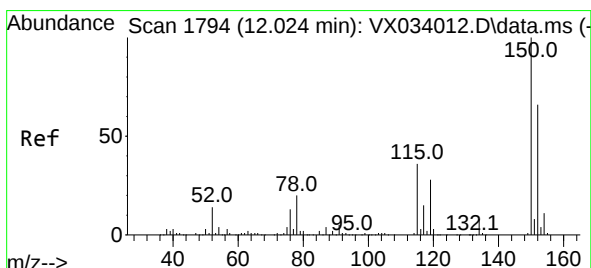
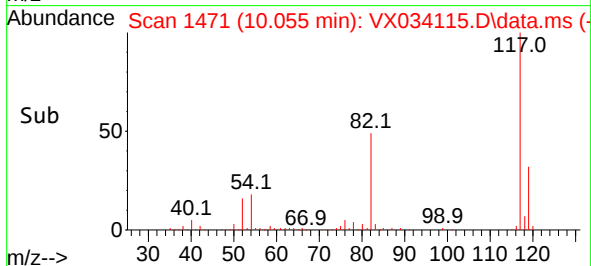
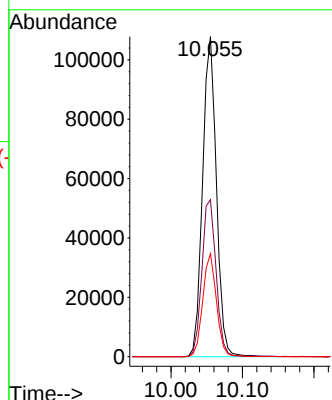
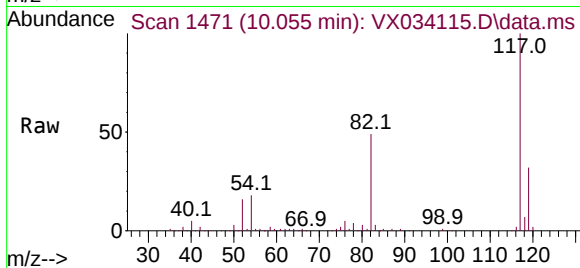
Tgt Ion:117 Resp: 144687

Ion Ratio Lower Upper

117 100

82 49.0 40.6 60.8

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034115.D

Acq: 10 Feb 2023 15:28

Tgt Ion:152 Resp: 70174

Ion Ratio Lower Upper

152 100

115 52.8 38.7 116.1

150 157.5 0.0 348.2

