

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040091.D
 Acq On : 02 Feb 2024 16:48
 Operator : JC/MD
 Sample : P1344-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-TB-20240130

Quant Time: Feb 03 02:18:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	79821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62426	48.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.180%
35) Dibromofluoromethane	5.385	113	48167	48.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	8.647	98	170952	45.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.000%
62) 4-Bromofluorobenzene	11.079	95	64728	45.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%

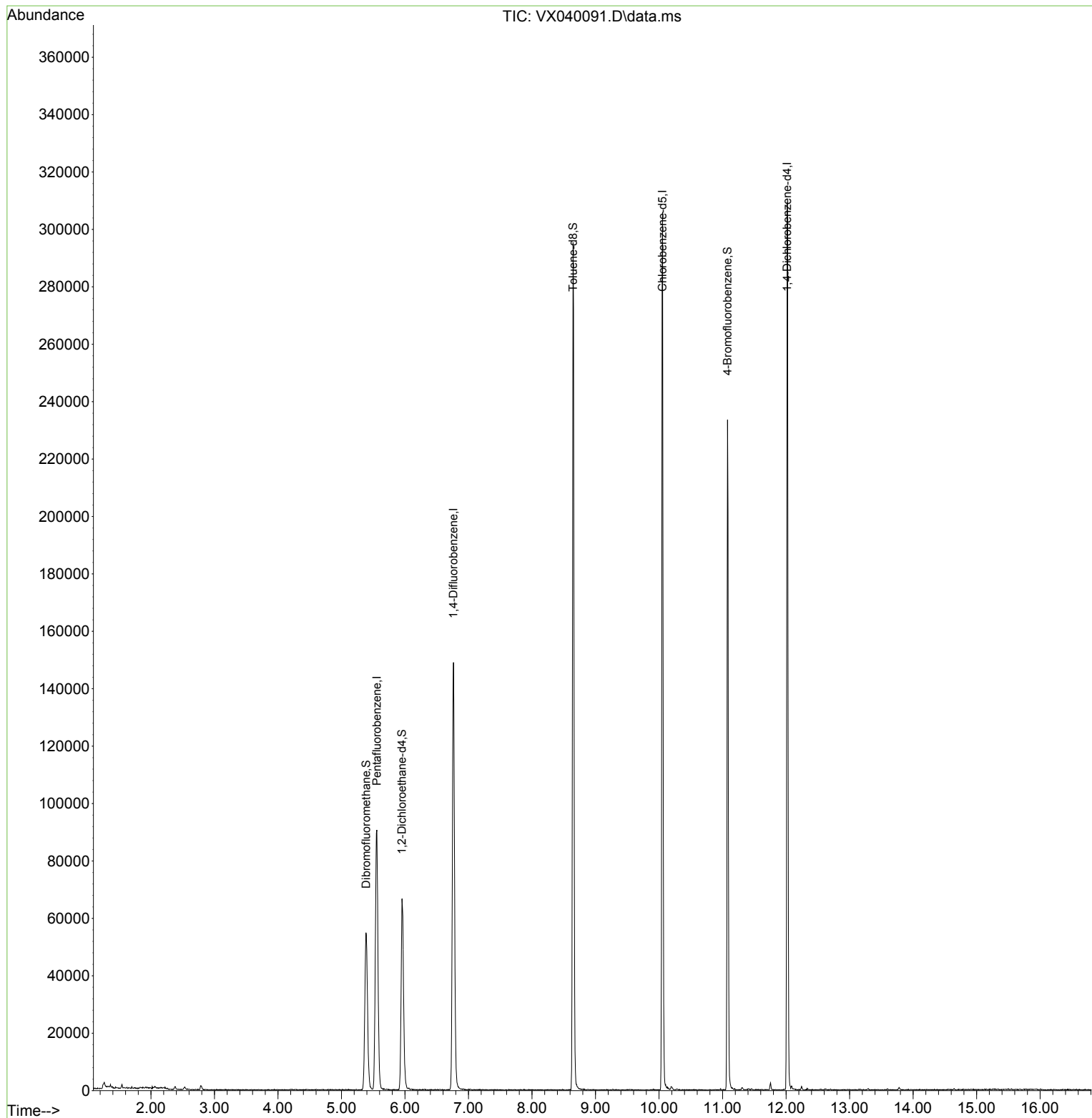
Target Compounds	Qvalue

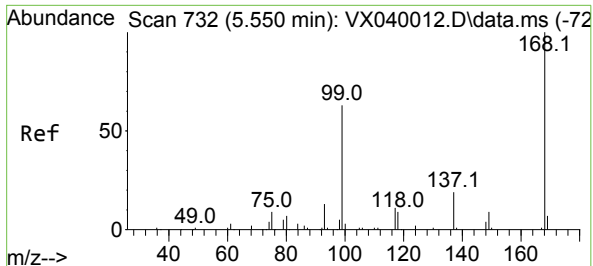
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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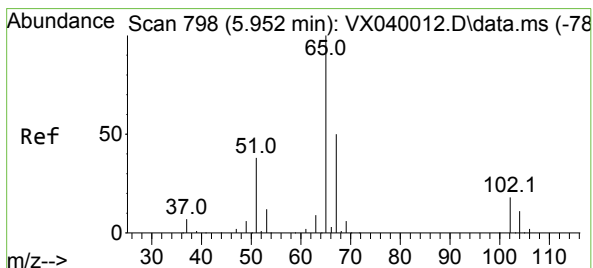
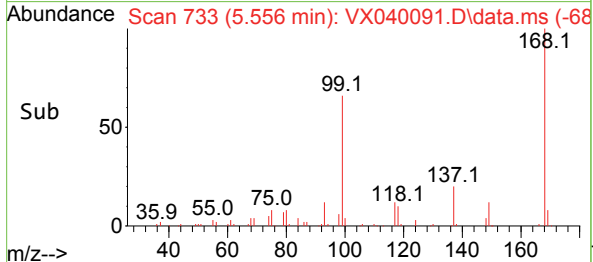
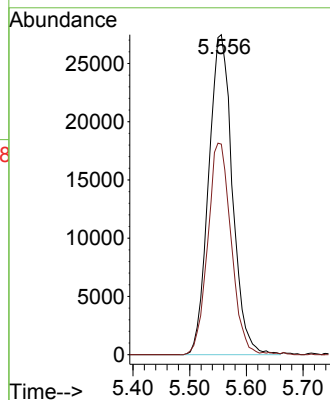
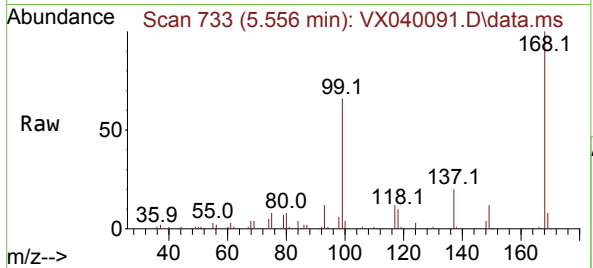




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

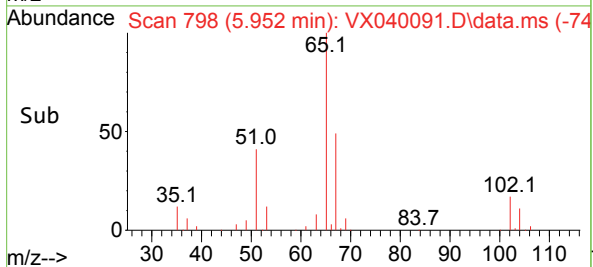
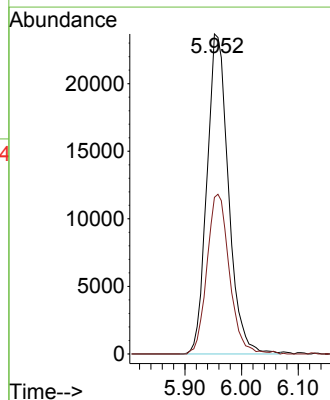
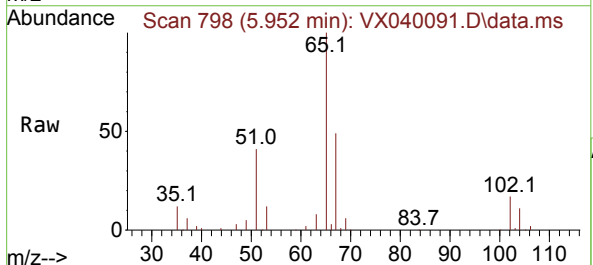
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

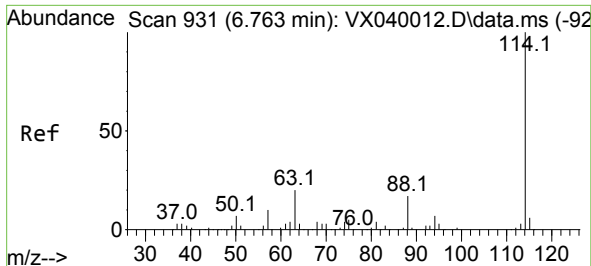
Tgt Ion:168 Resp: 79821
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.595 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 65 Resp: 62426
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

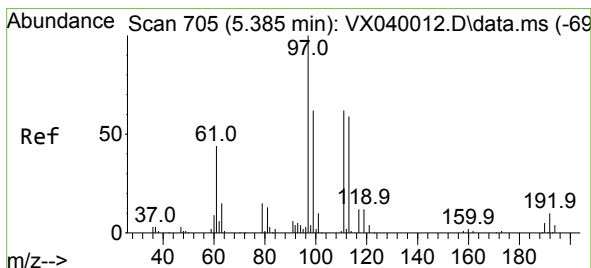
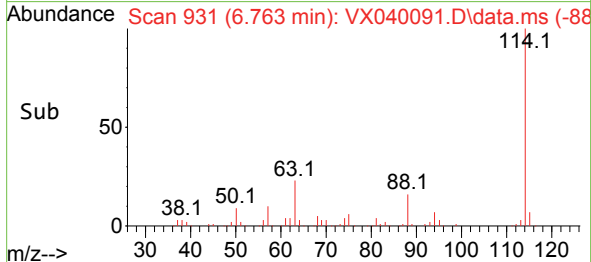
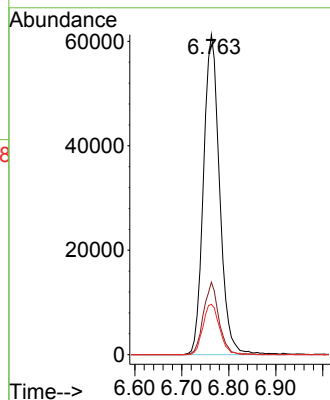
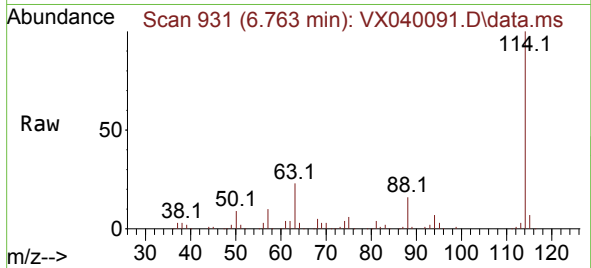




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

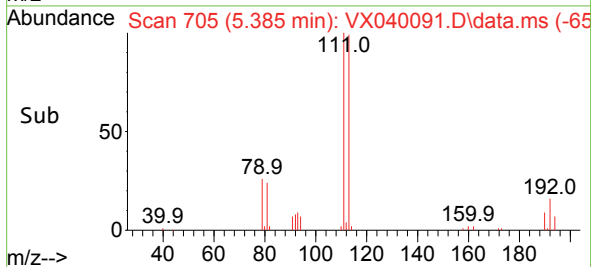
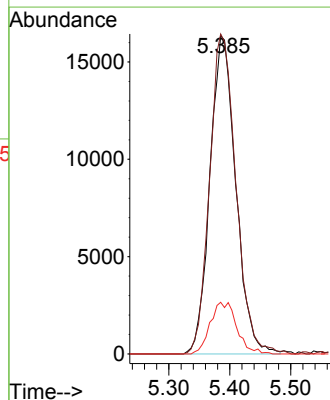
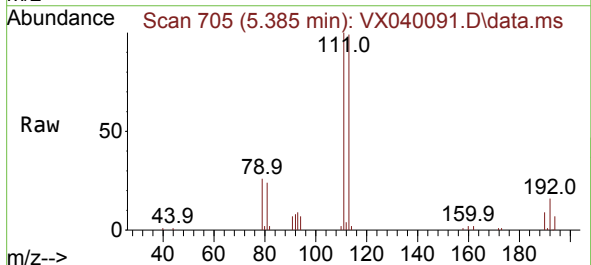
Instrument :
MSVOA_X
ClientSampleId :
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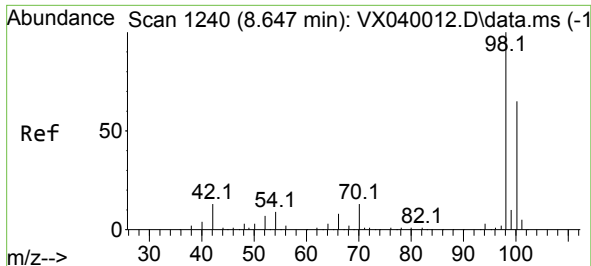
Tgt Ion:114 Resp: 145995
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion:113 Resp: 48167
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.7 13.3 19.9

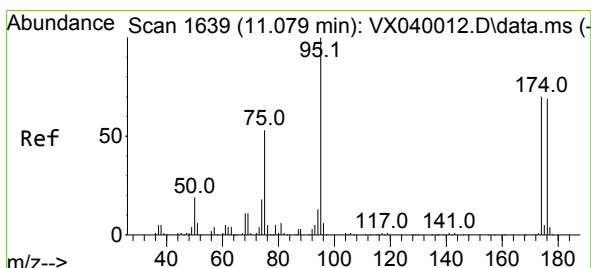
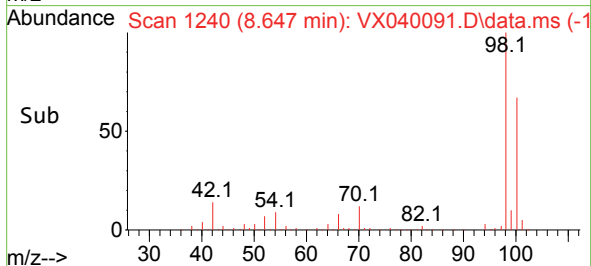
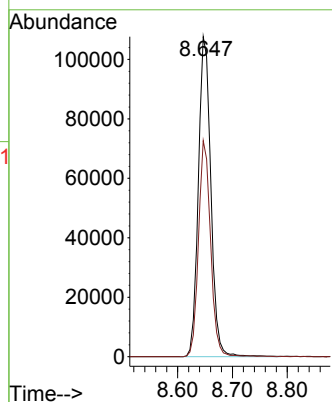
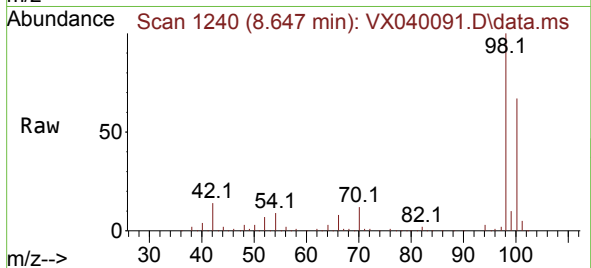




#50
Toluene-d8
Concen: 45.996 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

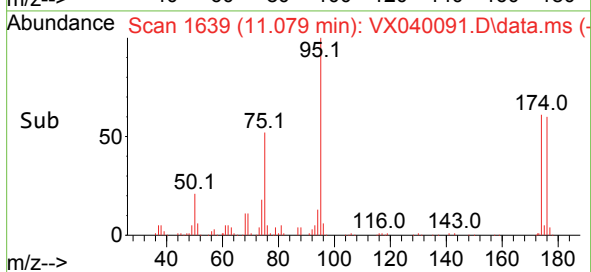
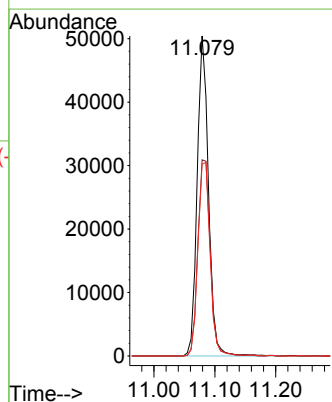
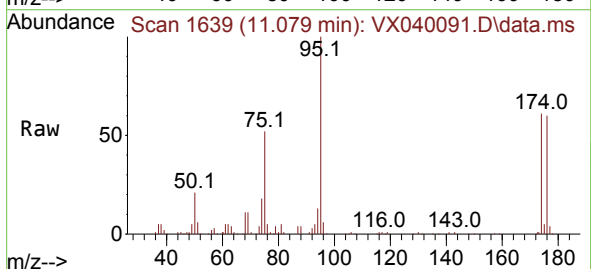
Instrument :
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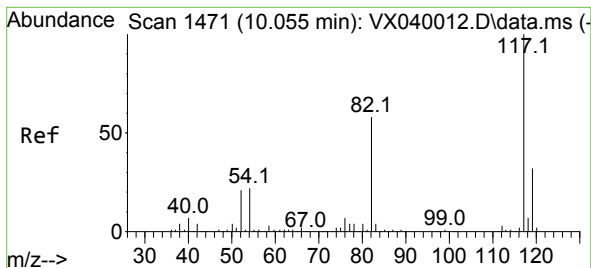
Tgt Ion: 98 Resp: 170952
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 95 Resp: 64728
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.2 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: VX040091.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-TB-20240130

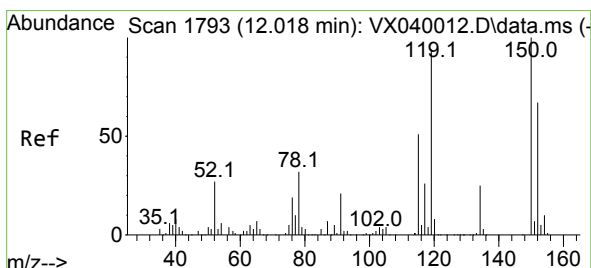
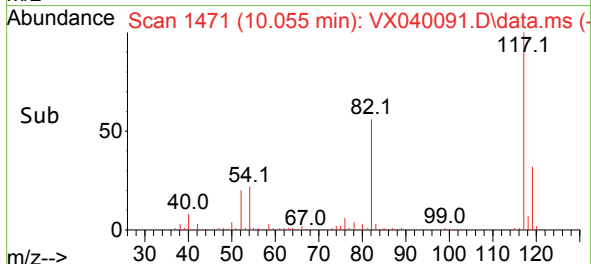
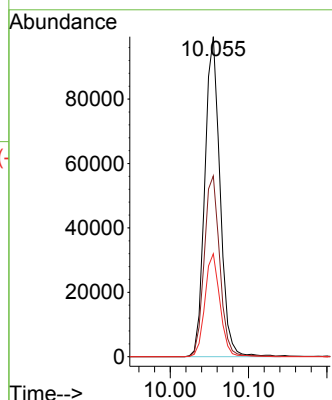
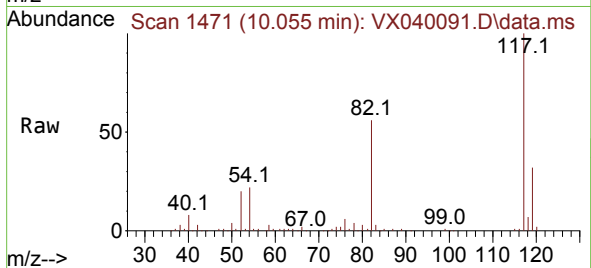
Tgt Ion:117 Resp: 133955

Ion Ratio Lower Upper

117 100

82 56.5 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. -0.000 min

Lab File: VX040091.D

Acq: 02 Feb 2024 16:48

Tgt Ion:152 Resp: 61369

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 158.5 0.0 345.0

