

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040140.D
 Acq On : 06 Feb 2024 15:38
 Operator : JC/MD
 Sample : P1376-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240201

Quant Time: Feb 07 00:36:46 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	5.544	168	76101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64651	52.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.580%
35) Dibromofluoromethane	5.385	113	40844	38.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.760%
50) Toluene-d8	8.647	98	191034	48.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	56001	37.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	74.040%#

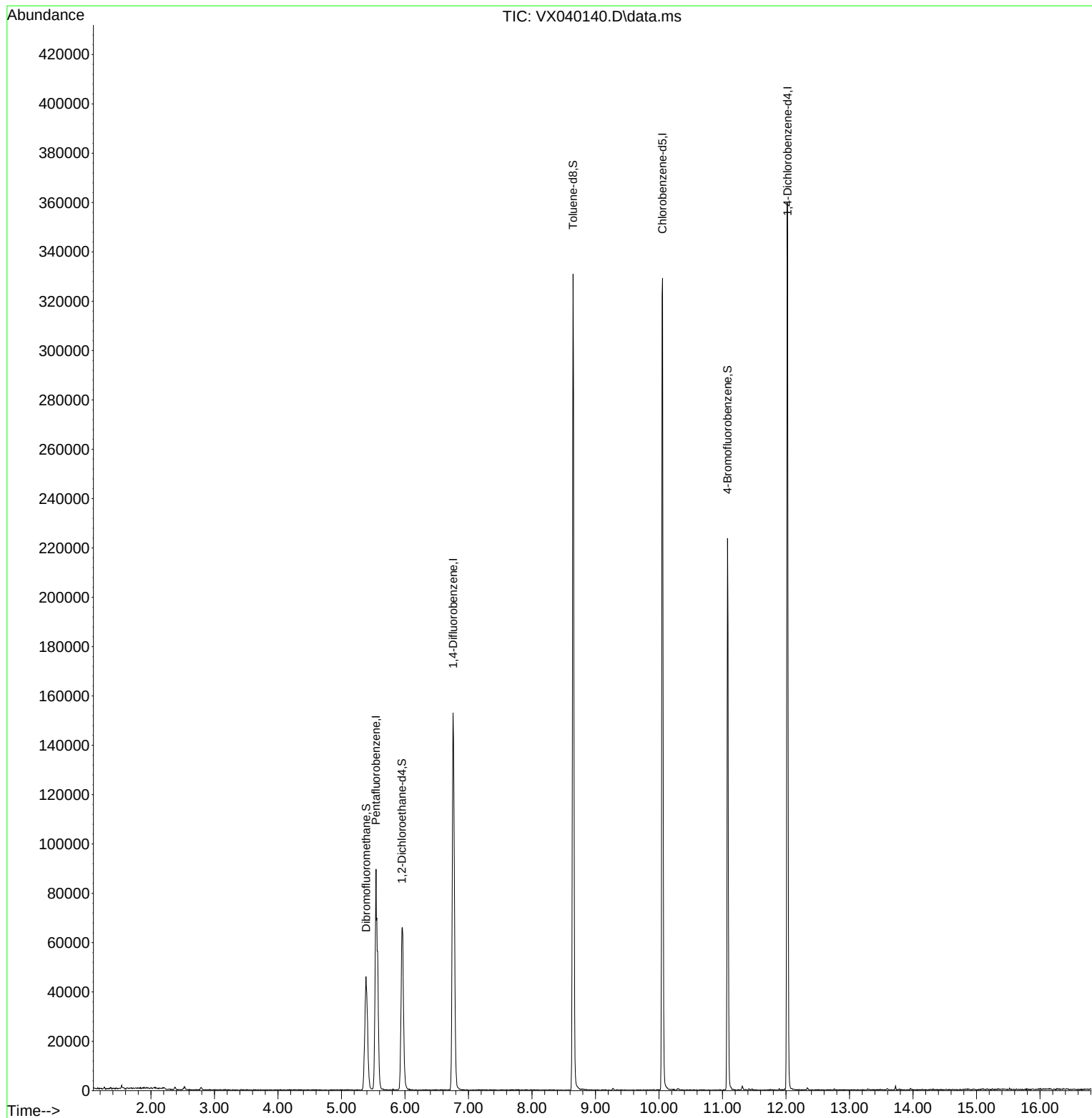
Target Compounds	Qvalue

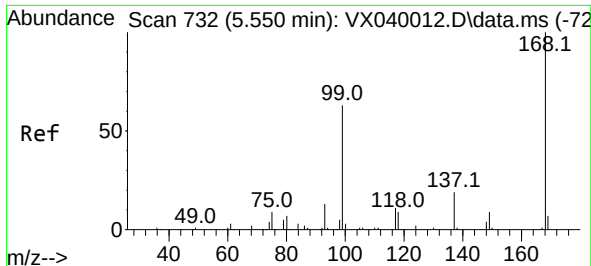
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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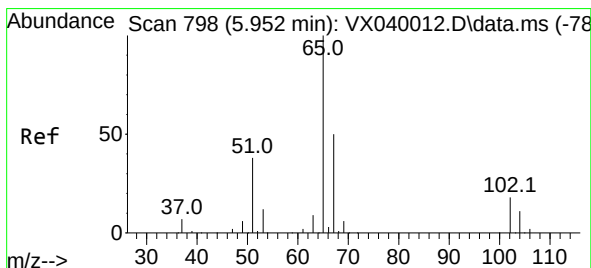
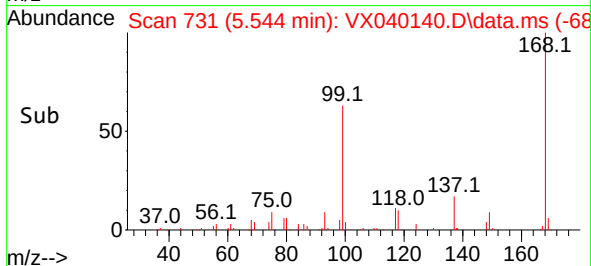
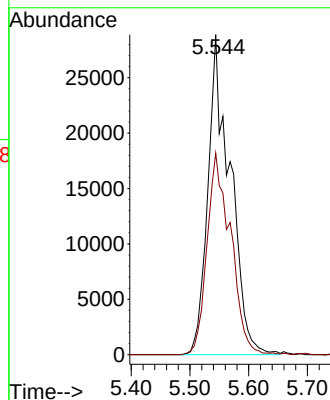
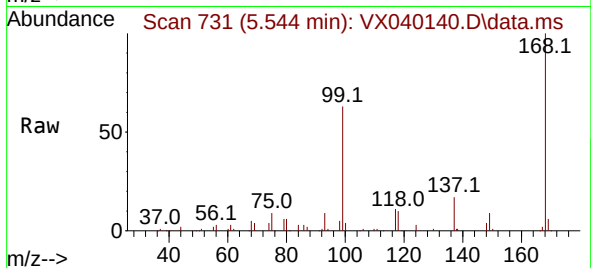




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

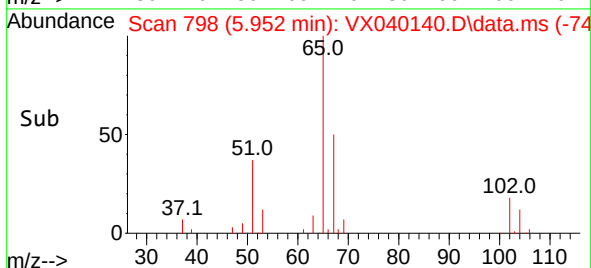
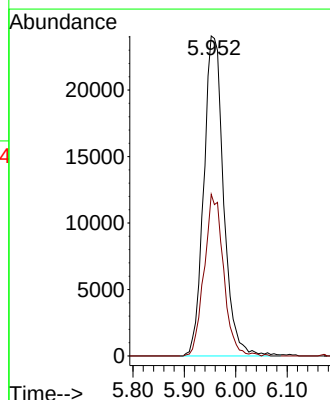
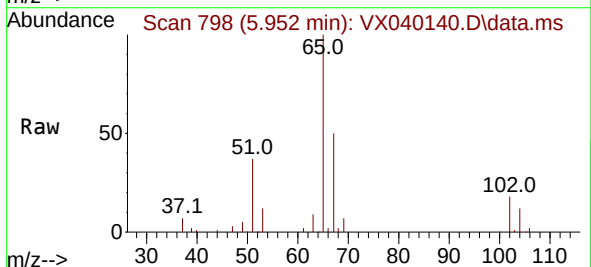
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201

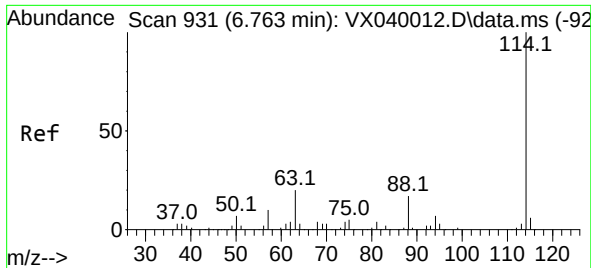
Tgt Ion:168 Resp: 76101
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 52.787 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 65 Resp: 64651
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.2

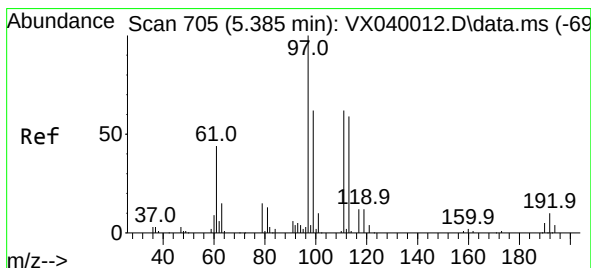
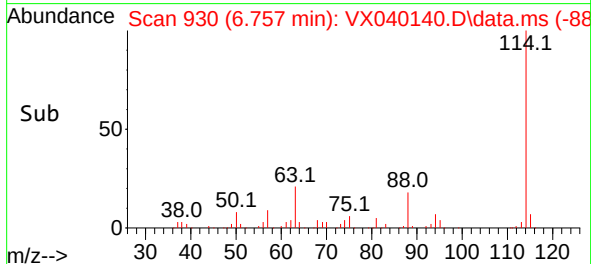
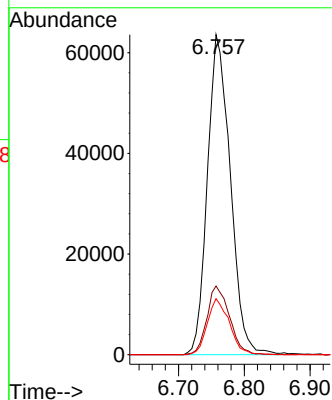
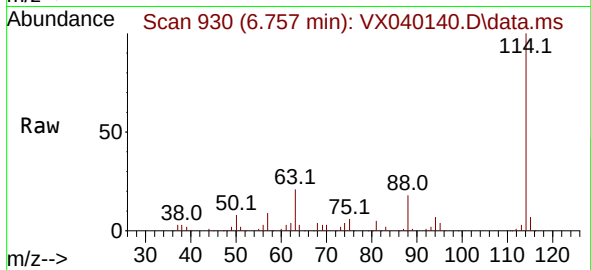




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

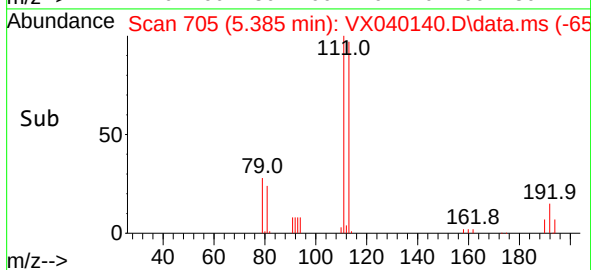
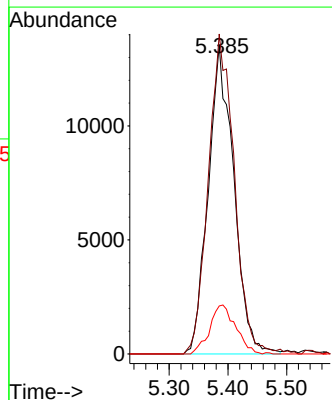
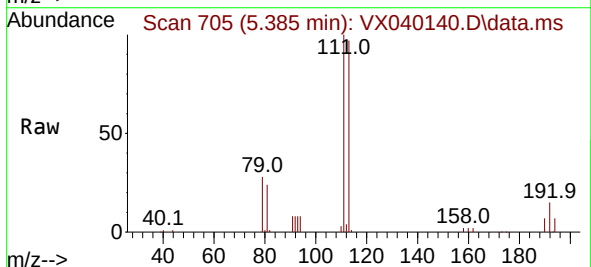
Instrument :
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ClientSampleId :
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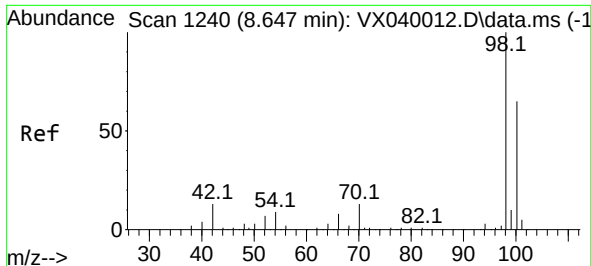
Tgt Ion:114 Resp: 154312
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 38.882 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion:113 Resp: 40844
Ion Ratio Lower Upper
113 100
111 105.8 82.9 124.3
192 16.2 13.3 19.9

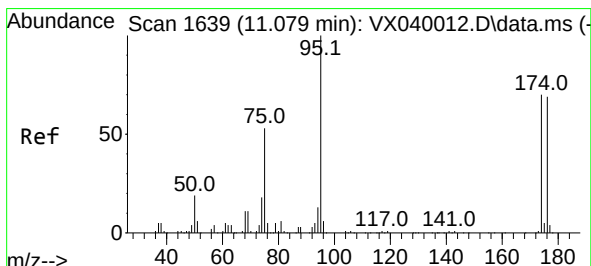
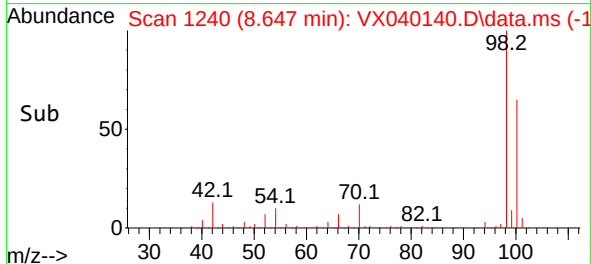
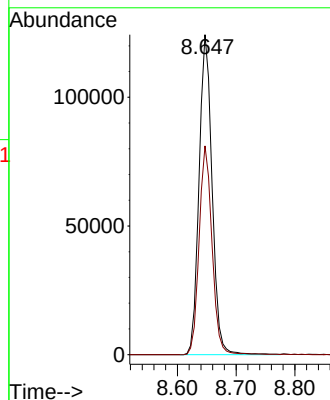
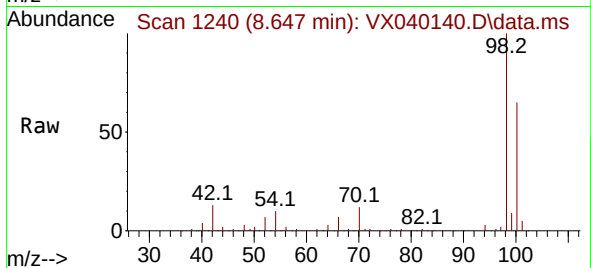




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

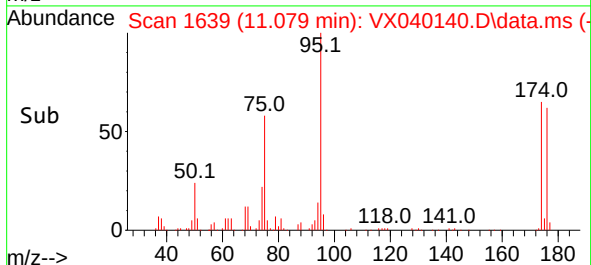
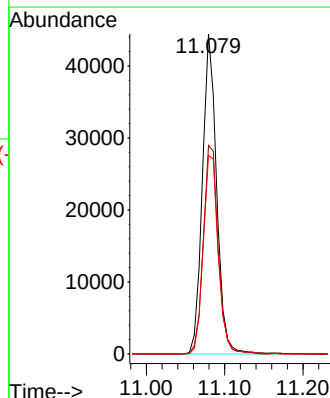
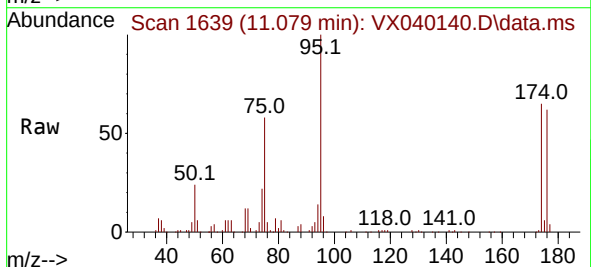
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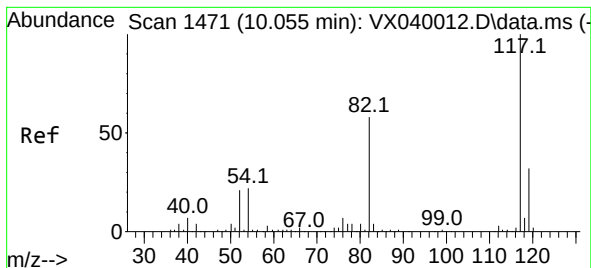
Tgt Ion: 98 Resp: 191034
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 37.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040140.D
Acq: 06 Feb 2024 15:38

Tgt Ion: 95 Resp: 56001
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 65.5 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: VX040140.D

Acq: 06 Feb 2024 15:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240201

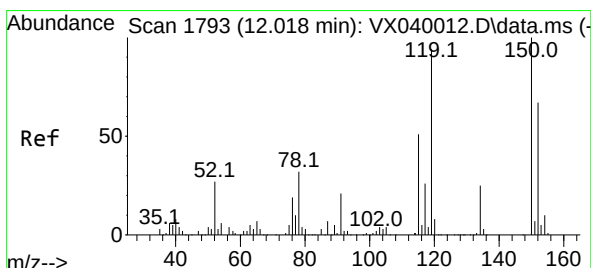
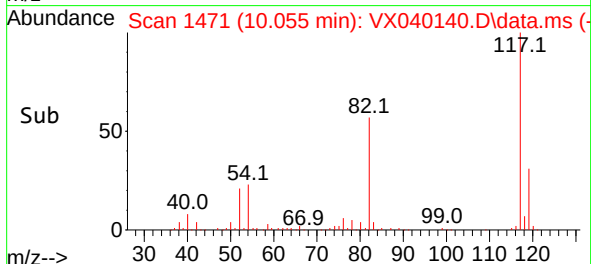
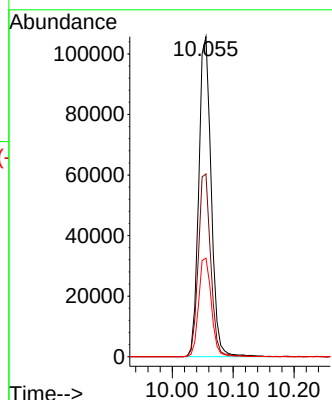
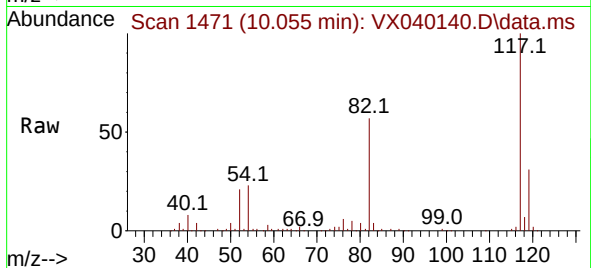
Tgt Ion:117 Resp: 149226

Ion Ratio Lower Upper

117 100

82 57.1 46.2 69.4

119 30.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040140.D

Acq: 06 Feb 2024 15:38

Tgt Ion:152 Resp: 72748

Ion Ratio Lower Upper

152 100

115 63.6 43.3 129.9

150 159.1 0.0 345.0

