

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040015.D
 Acq On : 30 Jan 2024 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 31 05:09:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61905	44.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.920%
35) Dibromofluoromethane	5.385	113	49555	47.898	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	8.647	98	183270	47.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.079	95	71925	48.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%

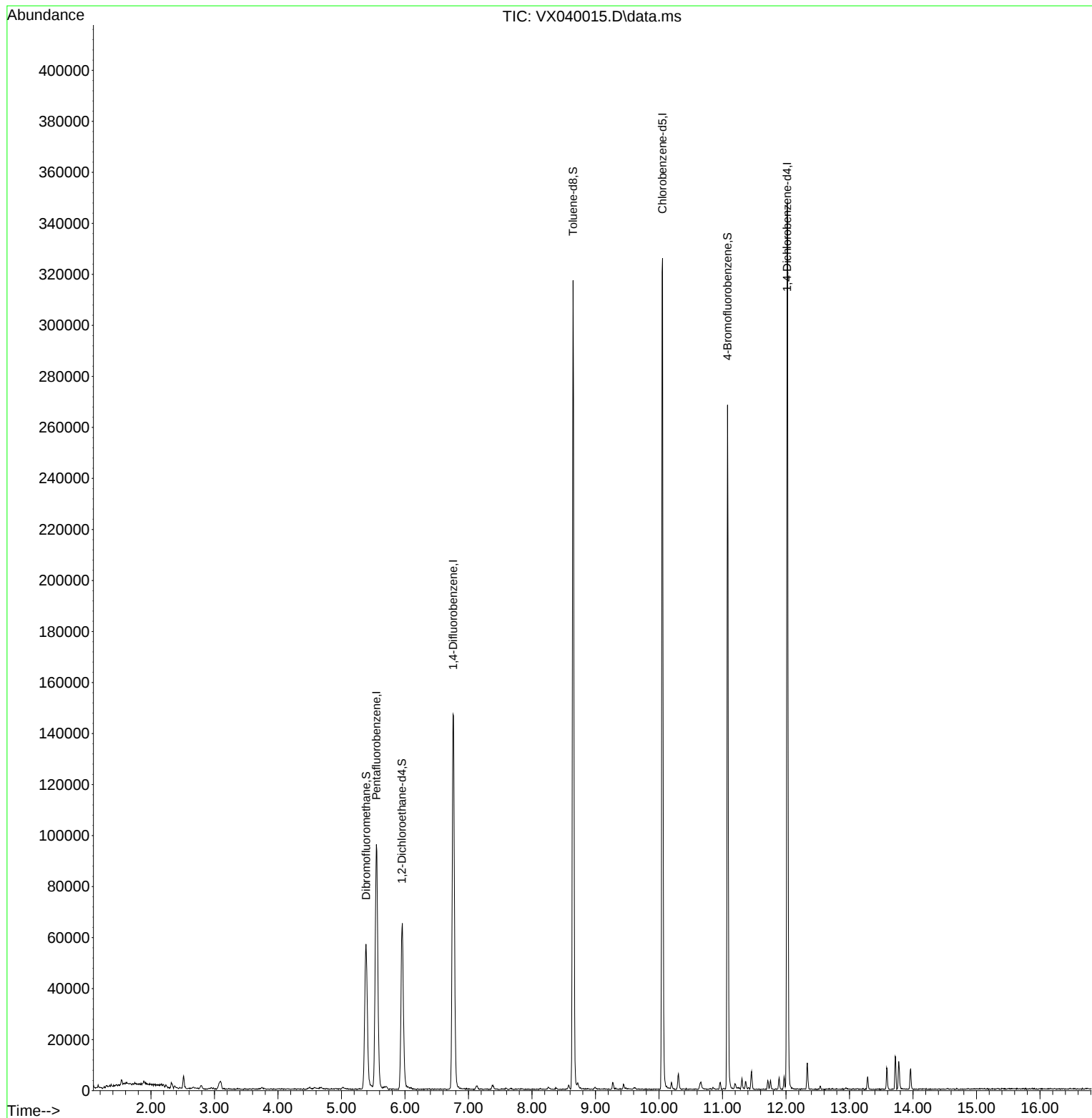
Target Compounds	Qvalue

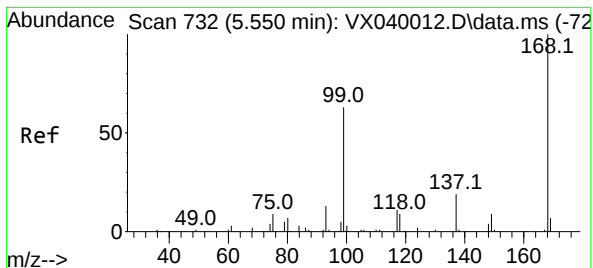
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 31 04:54:04 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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Instrument :

MSVOA_X

ClientSampleId :

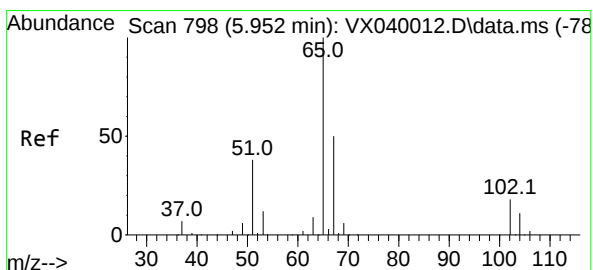
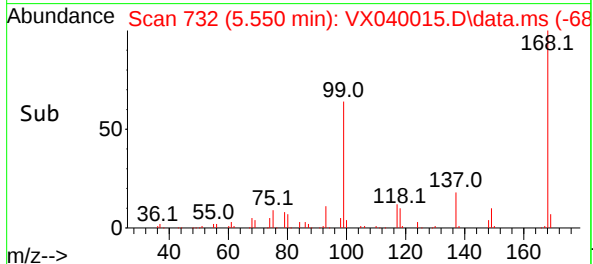
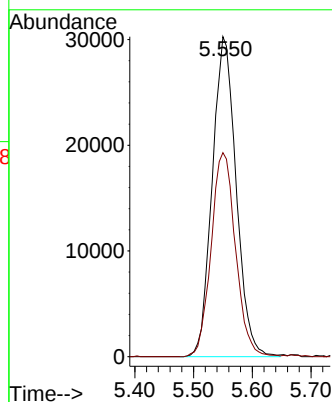
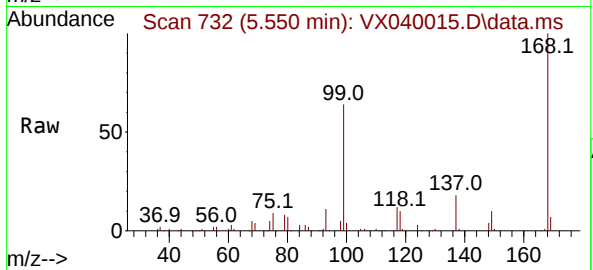
IBLK

Tgt Ion:168 Resp: 85552

Ion Ratio Lower Upper

168 100

99 63.8 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 44.961 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040015.D

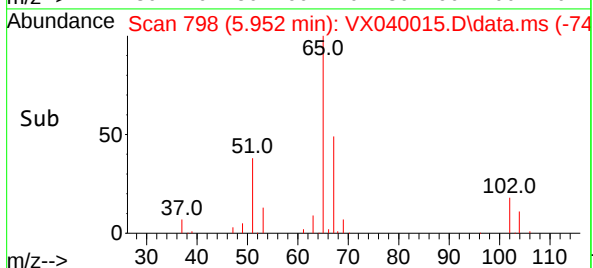
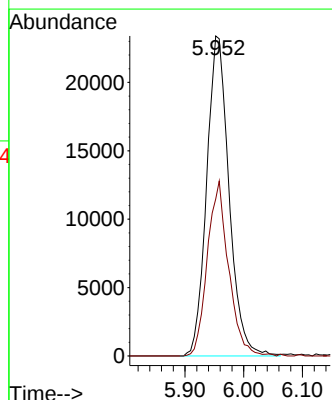
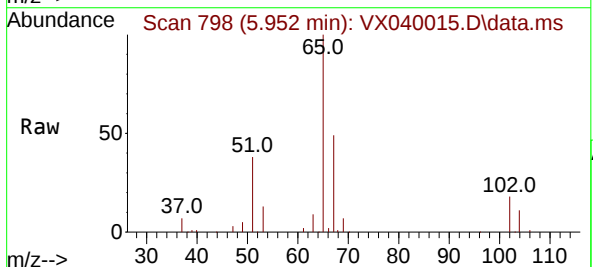
Acq: 30 Jan 2024 12:51

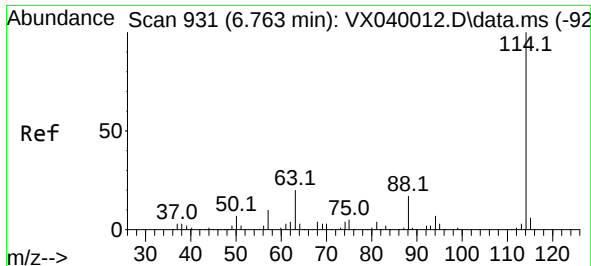
Tgt Ion: 65 Resp: 61905

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

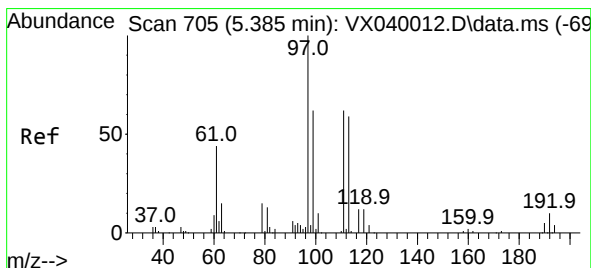
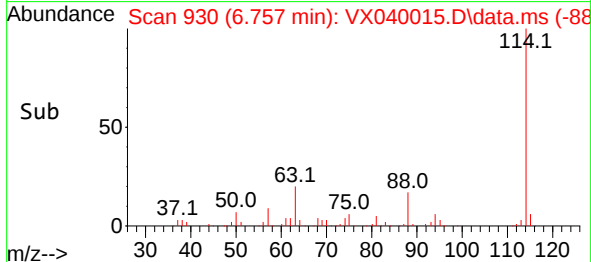
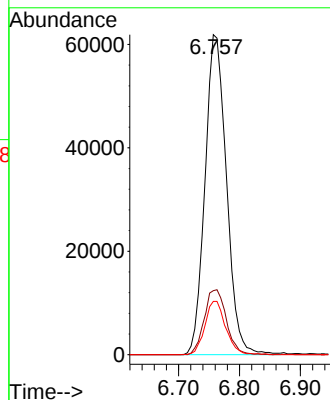
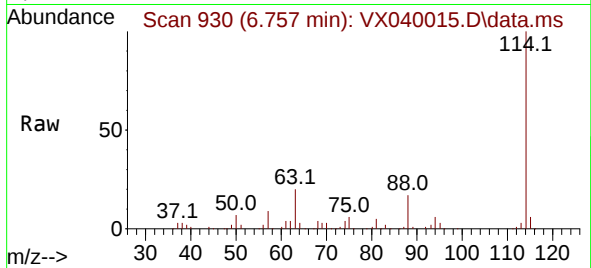




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

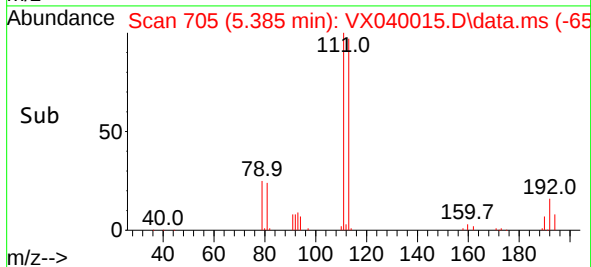
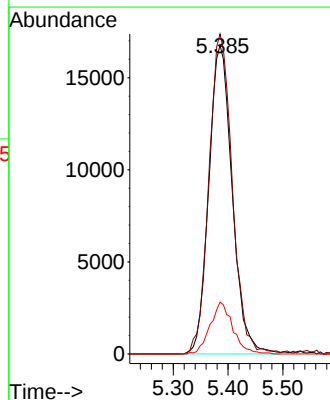
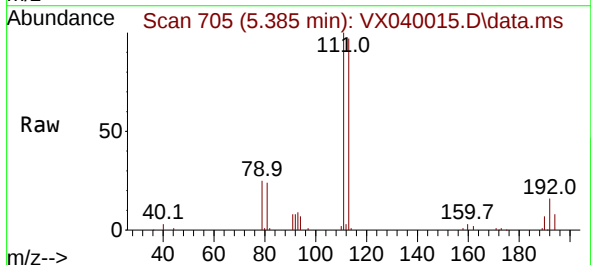
Instrument :
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ClientSampleId :
IBLK

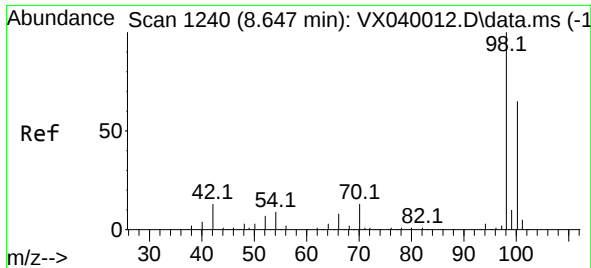
Tgt Ion:114 Resp: 151981
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.898 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion:113 Resp: 49555
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 16.3 13.3 19.9

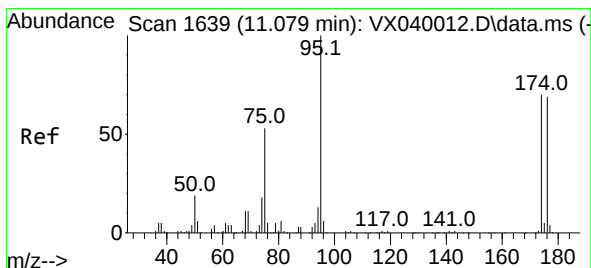
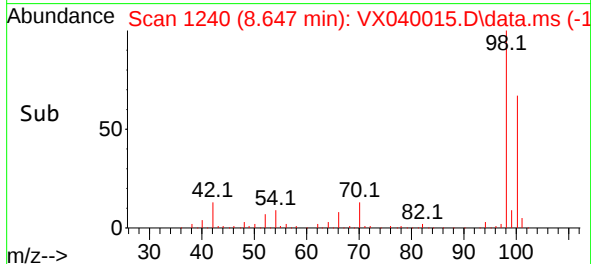
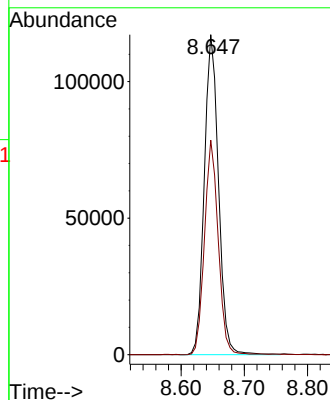
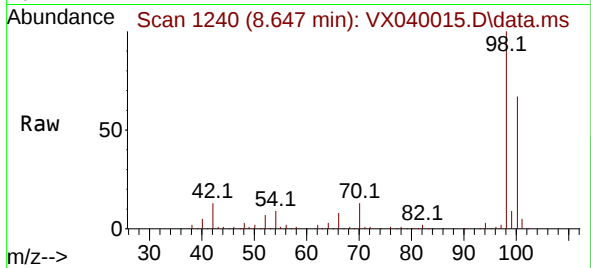




#50
Toluene-d8
Concen: 47.368 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

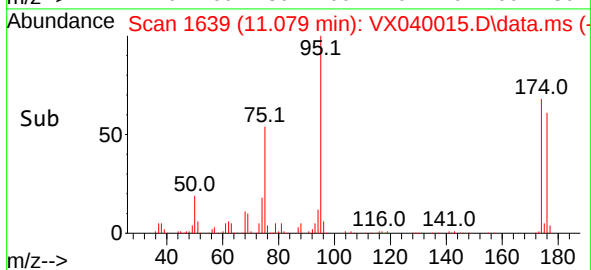
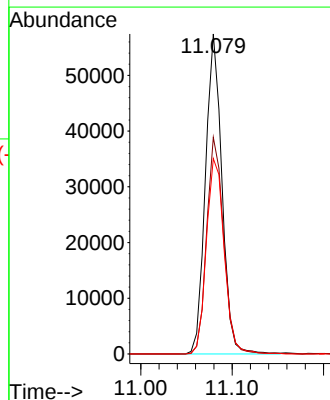
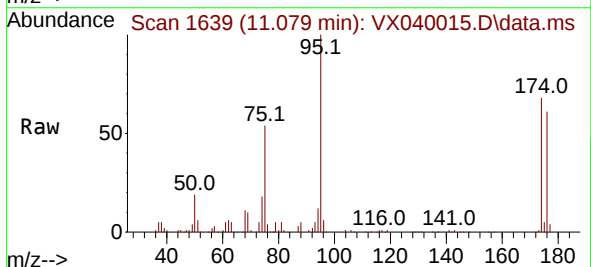
Instrument :
MSVOA_X
ClientSampleId :
IBLK

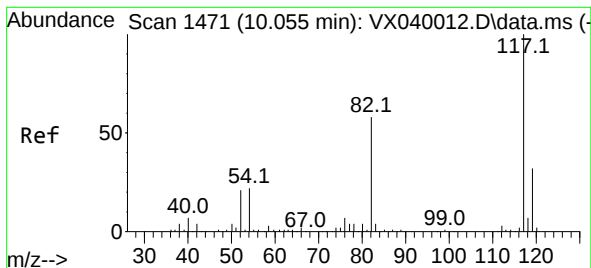
Tgt Ion: 98 Resp: 183270
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040015.D
Acq: 30 Jan 2024 12:51

Tgt Ion: 95 Resp: 71925
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.6
176 65.8 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: VX040015.D

Acq: 30 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

IBLK

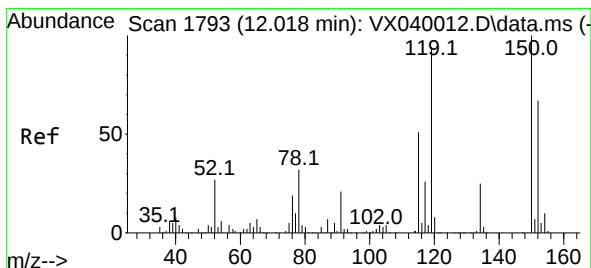
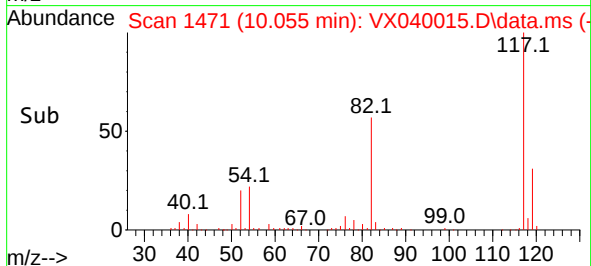
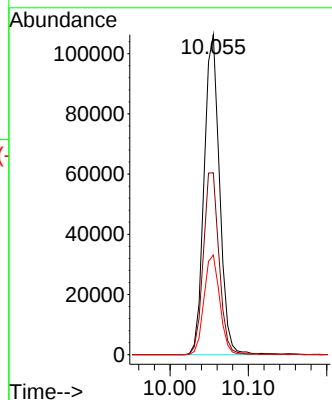
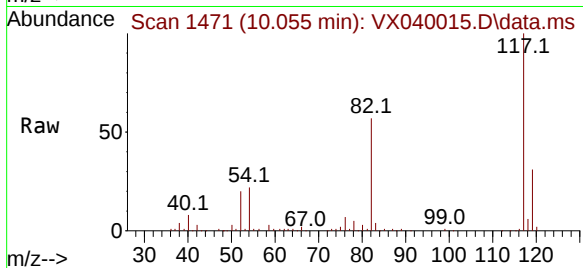
Tgt Ion:117 Resp: 145591

Ion Ratio Lower Upper

117 100

82 56.9 46.2 69.4

119 31.2 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: VX040015.D

Acq: 30 Jan 2024 12:51

Tgt Ion:152 Resp: 67043

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 160.6 0.0 345.0

