

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039929.D
 Acq On : 24 Jan 2024 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 25 01:36:57 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	5.556	168	76577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	140725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63206	49.273	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.540%
35) Dibromofluoromethane	5.385	113	46242	48.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	8.647	98	174429	48.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	68256	48.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.660%

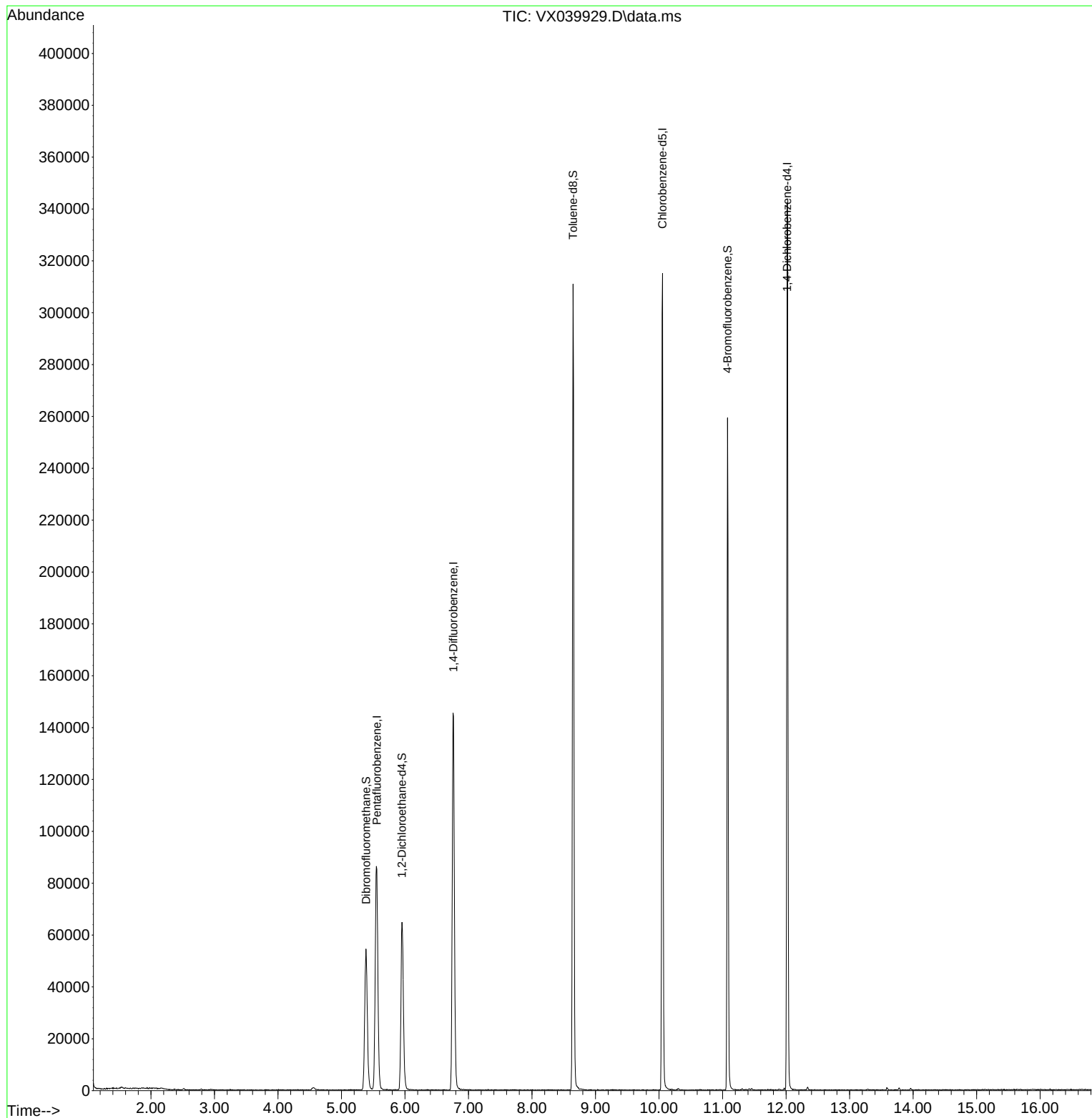
Target Compounds	Qvalue

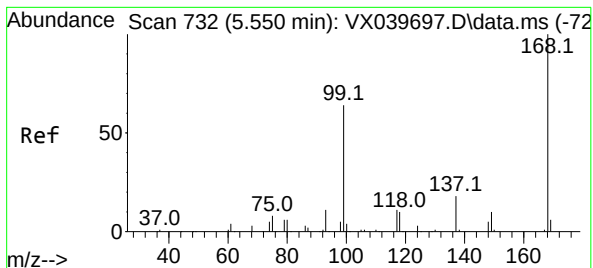
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

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Instrument :

MSVOA_X

ClientSampleId :

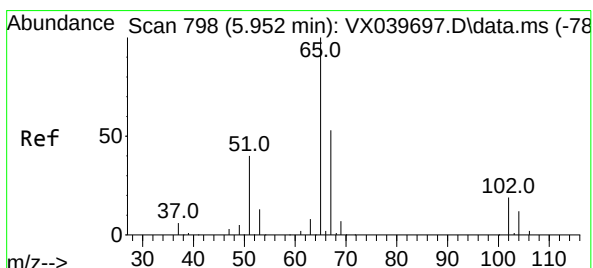
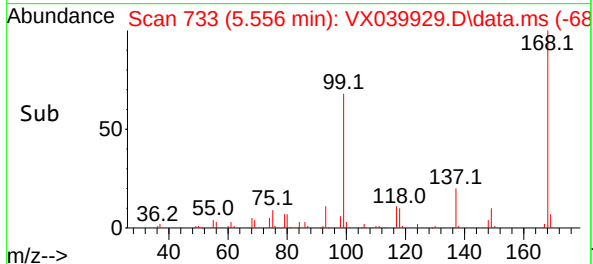
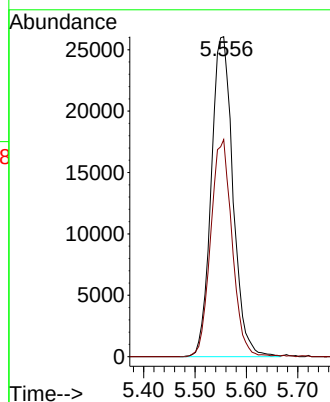
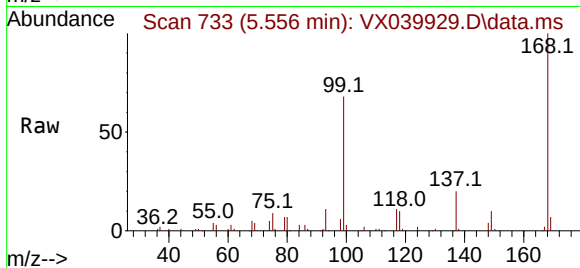
IBLK

Tgt Ion:168 Resp: 76577

Ion Ratio Lower Upper

168 100

99 67.8 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 49.273 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039929.D

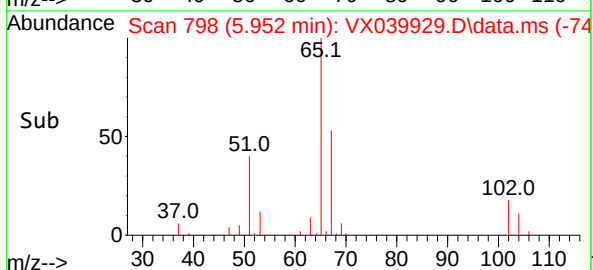
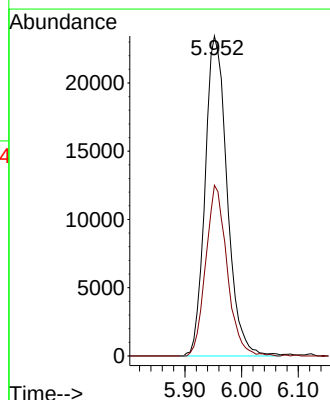
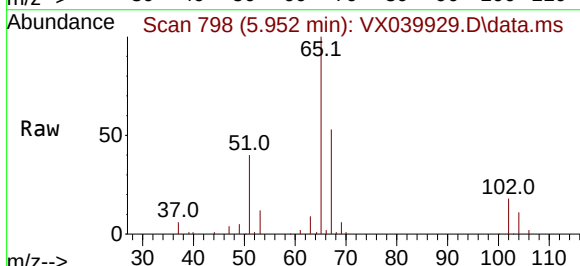
Acq: 24 Jan 2024 12:21

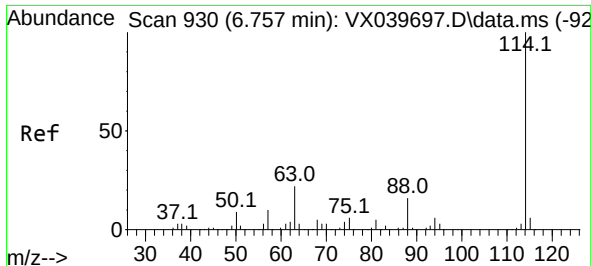
Tgt Ion: 65 Resp: 63206

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2

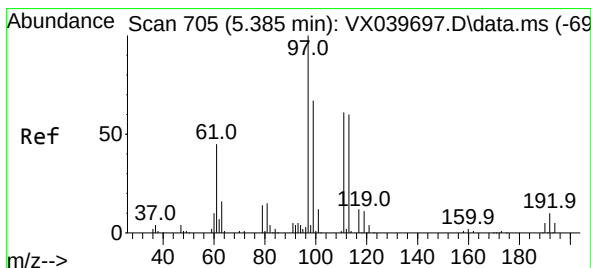
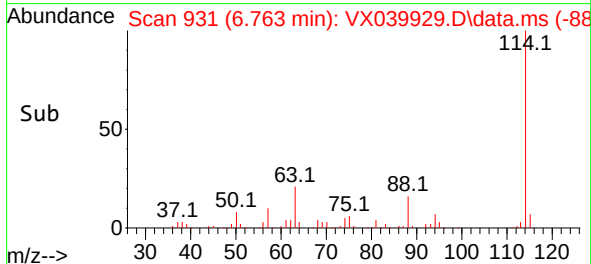
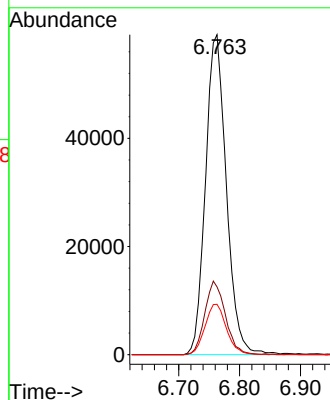
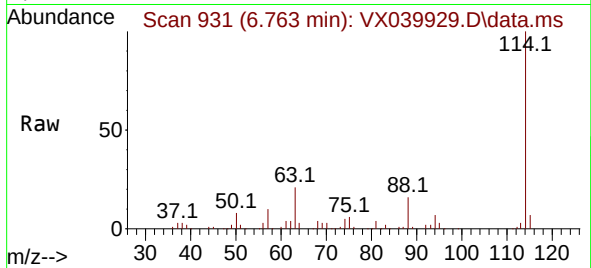




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

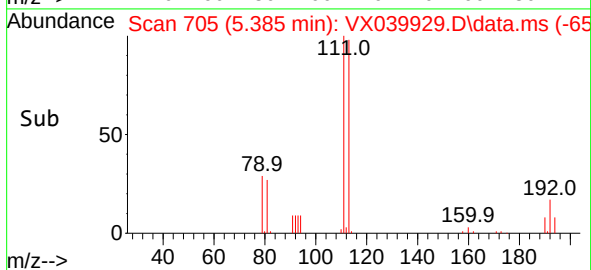
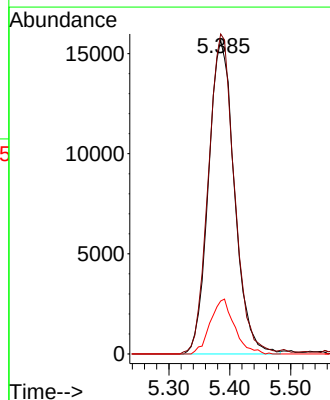
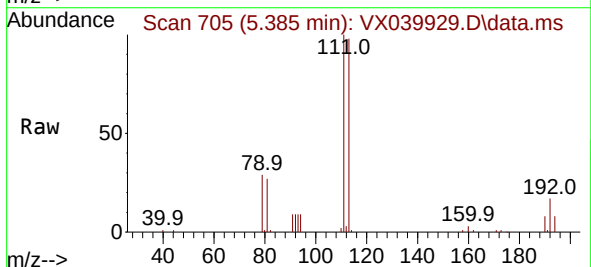
Instrument :
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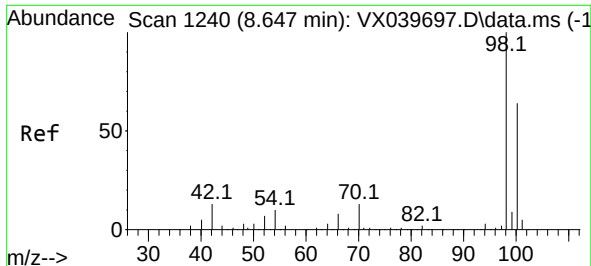
Tgt Ion:114 Resp: 140725
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.787 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion:113 Resp: 46242
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.3 13.3 19.9

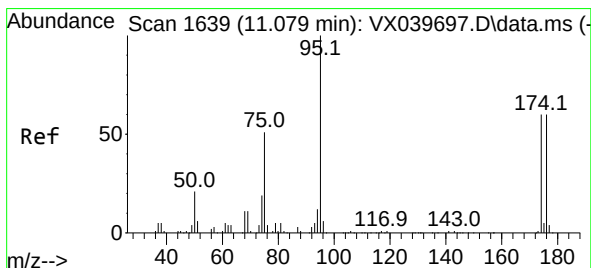
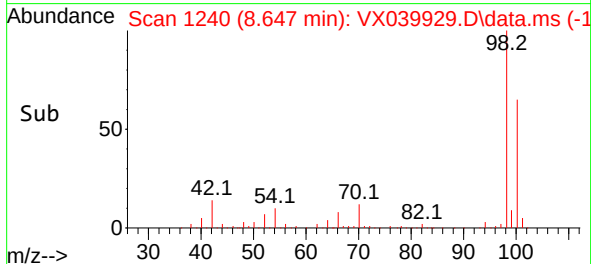
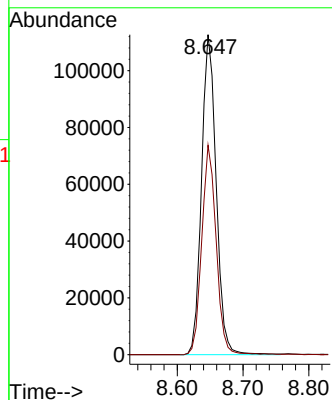
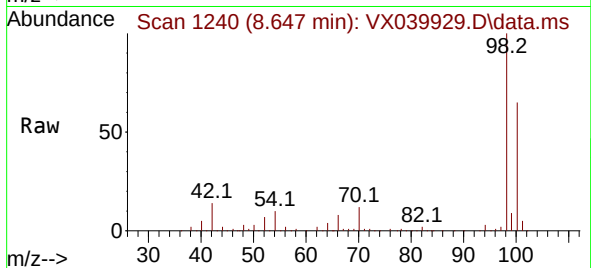




#50
Toluene-d8
Concen: 48.793 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

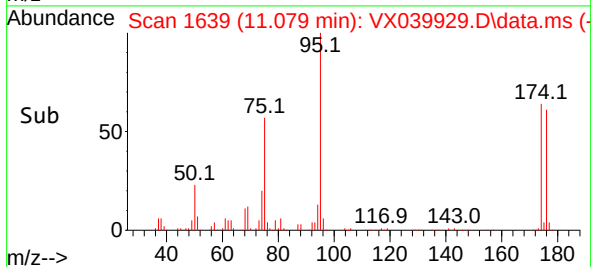
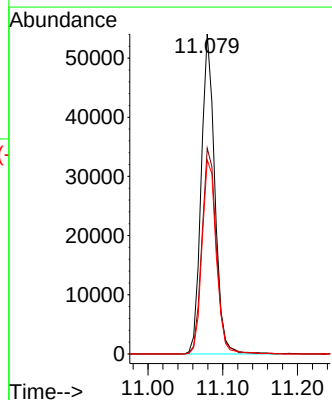
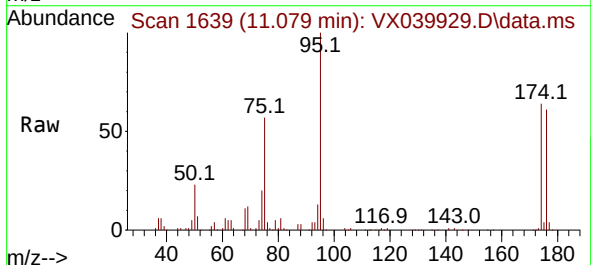
Instrument :
MSVOA_X
ClientSampleId :
IBLK

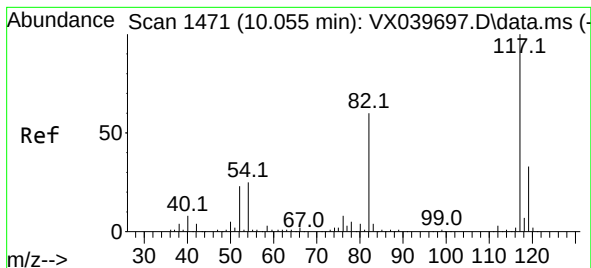
Tgt Ion: 98 Resp: 174429
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039929.D
Acq: 24 Jan 2024 12:21

Tgt Ion: 95 Resp: 68256
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 63.6 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: VX039929.D

Acq: 24 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

IBLK

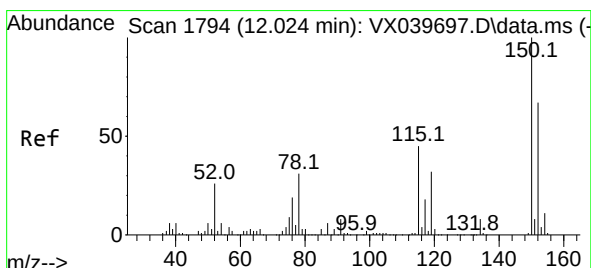
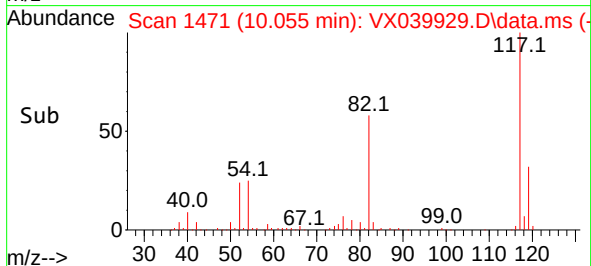
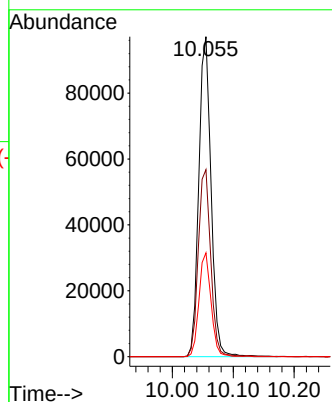
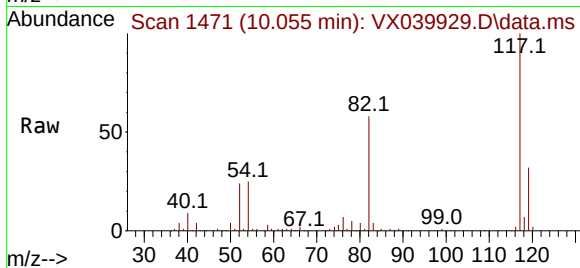
Tgt Ion:117 Resp: 135464

Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 32.5 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: VX039929.D

Acq: 24 Jan 2024 12:21

Tgt Ion:152 Resp: 64106

Ion Ratio Lower Upper

152 100

115 67.9 43.3 129.9

150 159.6 0.0 345.0

