

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050724\
 Data File : VX041402.D
 Acq On : 07 May 2024 13:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 08 01:59:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	230186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90482	48.788	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.385	113	73756	47.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.647	98	289728	58.682	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	117.360%#
62) 4-Bromofluorobenzene	11.079	95	92448	48.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.740%

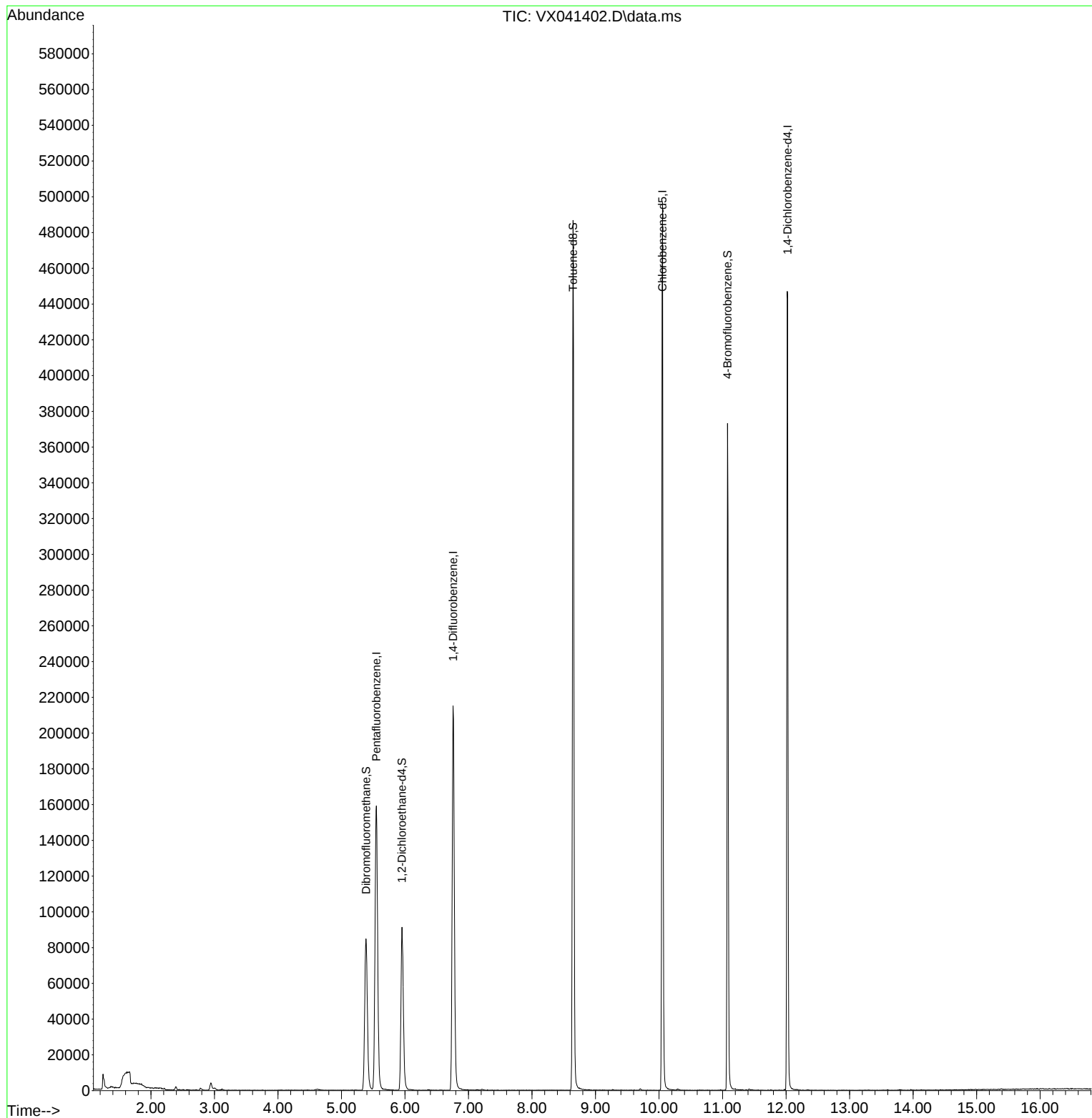
Target Compounds Qvalue

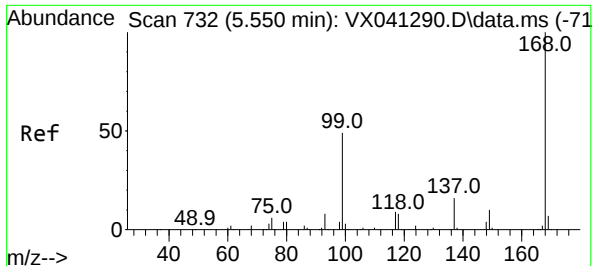
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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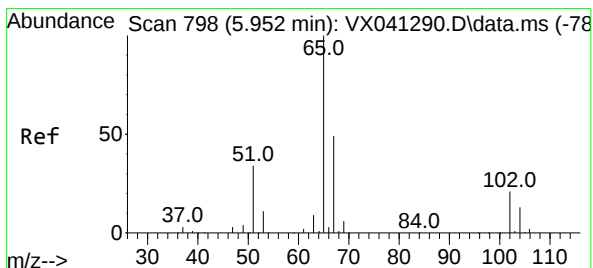
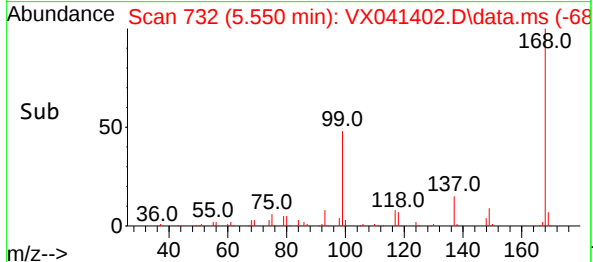
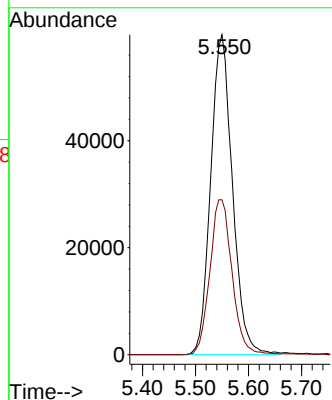
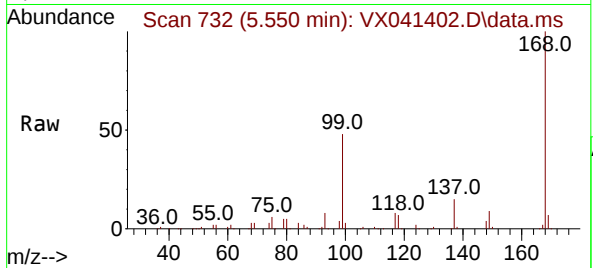




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

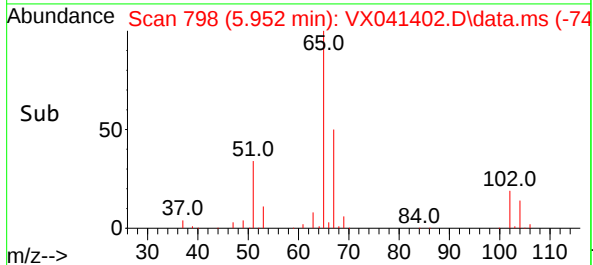
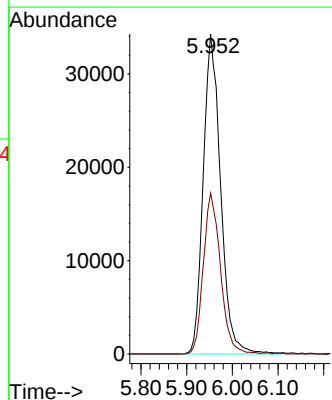
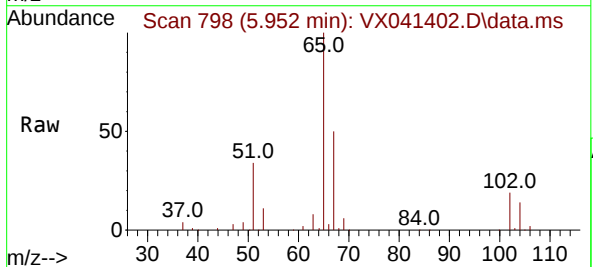
Instrument :
MSVOA_X
ClientSampleId :
IBLK

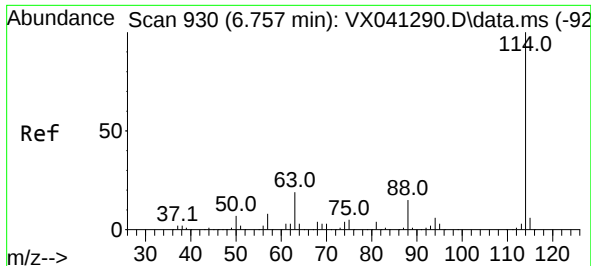
Tgt Ion:168 Resp: 170360
Ion Ratio Lower Upper
168 100
99 48.4 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 48.788 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

Tgt Ion: 65 Resp: 90482
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.2

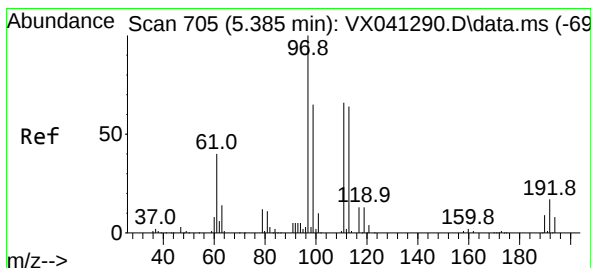
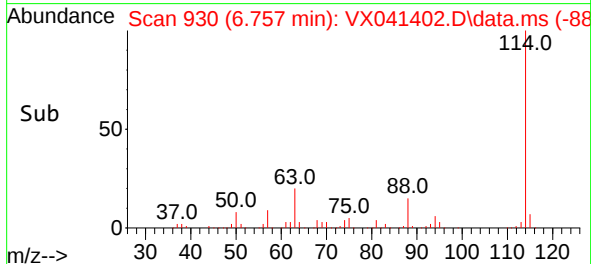
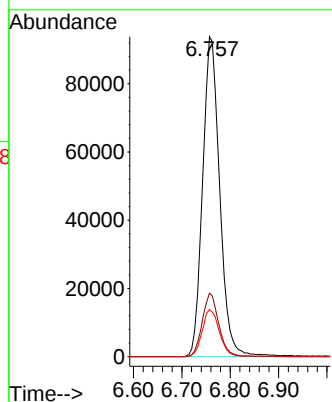
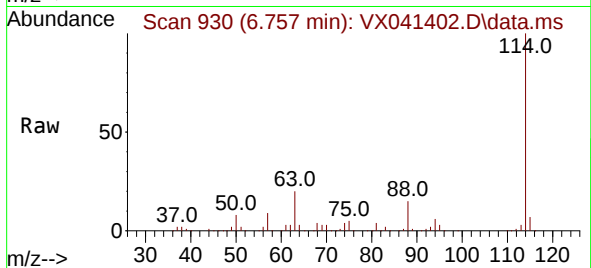




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

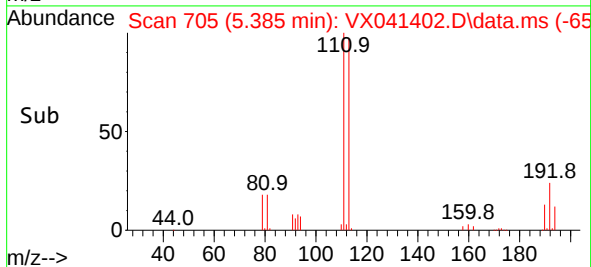
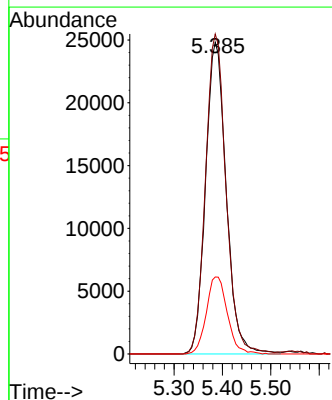
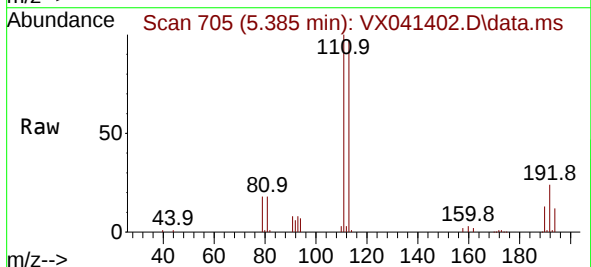
Instrument :
MSVOA_X
ClientSampleId :
IBLK

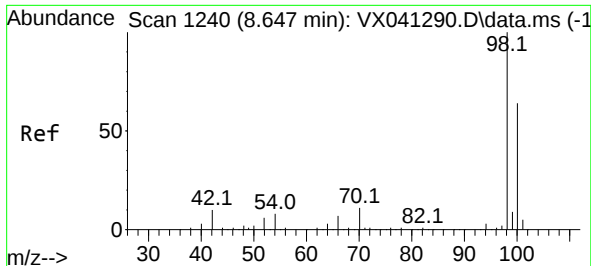
Tgt Ion:114 Resp: 230186
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.282 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

Tgt Ion:113 Resp: 73756
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.2 13.3 19.9#

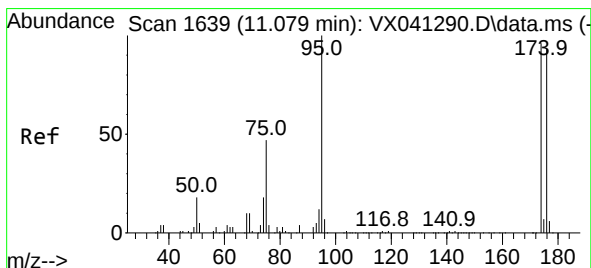
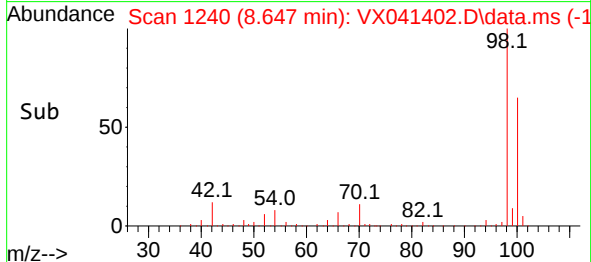
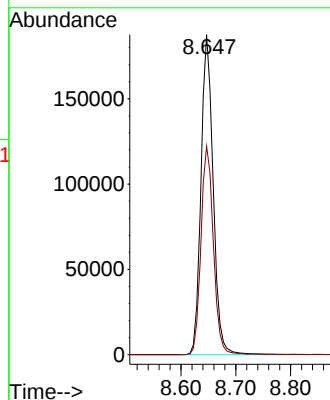
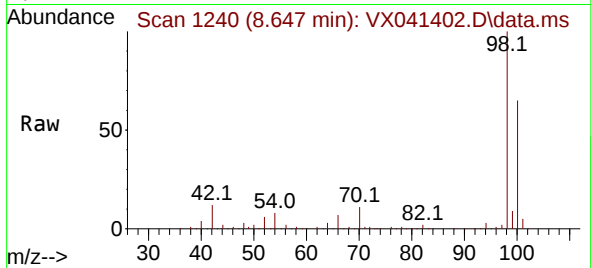




#50
Toluene-d8
Concen: 58.682 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

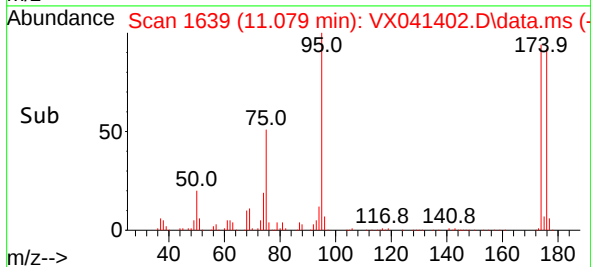
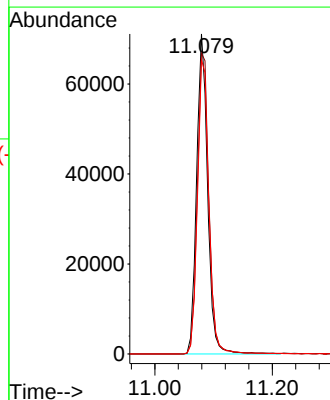
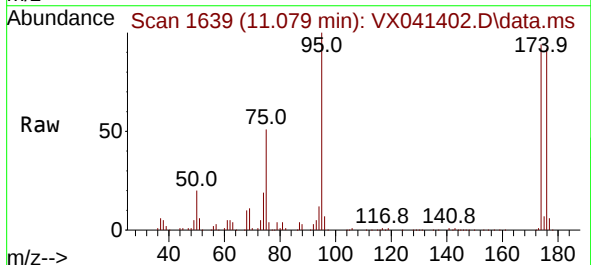
Instrument :
MSVOA_X
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IBLK

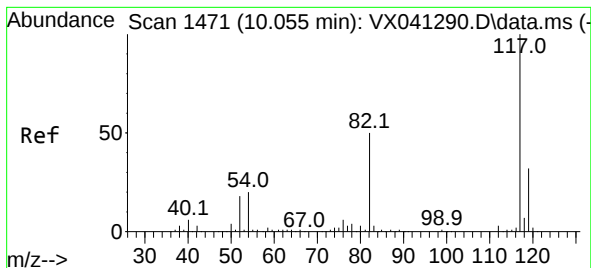
Tgt Ion: 98 Resp: 289728
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041402.D
Acq: 07 May 2024 13:31

Tgt Ion: 95 Resp: 92448
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 95.4 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: VX041402.D

Acq: 07 May 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

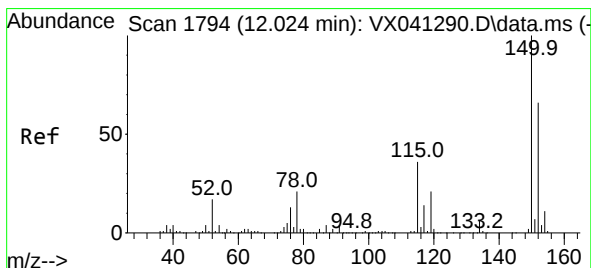
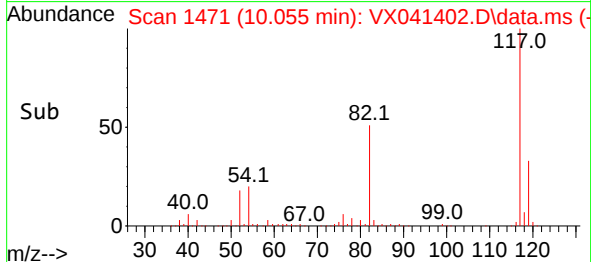
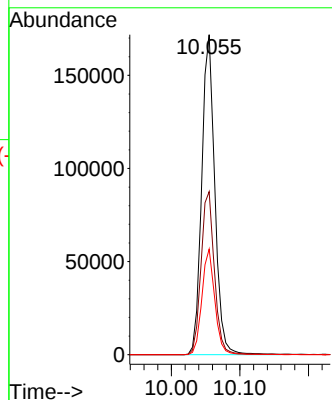
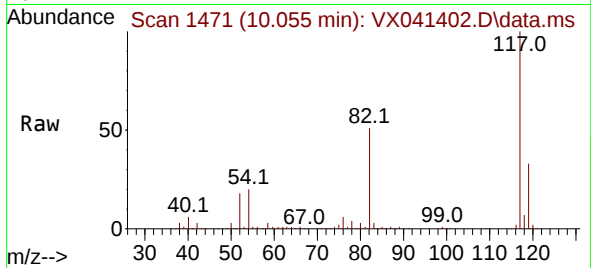
Tgt Ion:117 Resp: 229151

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041402.D

Acq: 07 May 2024 13:31

Tgt Ion:152 Resp: 102809

Ion Ratio Lower Upper

152 100

115 52.5 43.3 129.9

150 155.8 0.0 345.0

