

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020423\
 Data File : VX034015.D
 Acq On : 03 Feb 2023 17:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 03 22:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 22:11:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68985	43.892	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.780%
35) Dibromofluoromethane	5.385	113	64666	49.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.647	98	238272	50.160	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	84231	48.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.400%

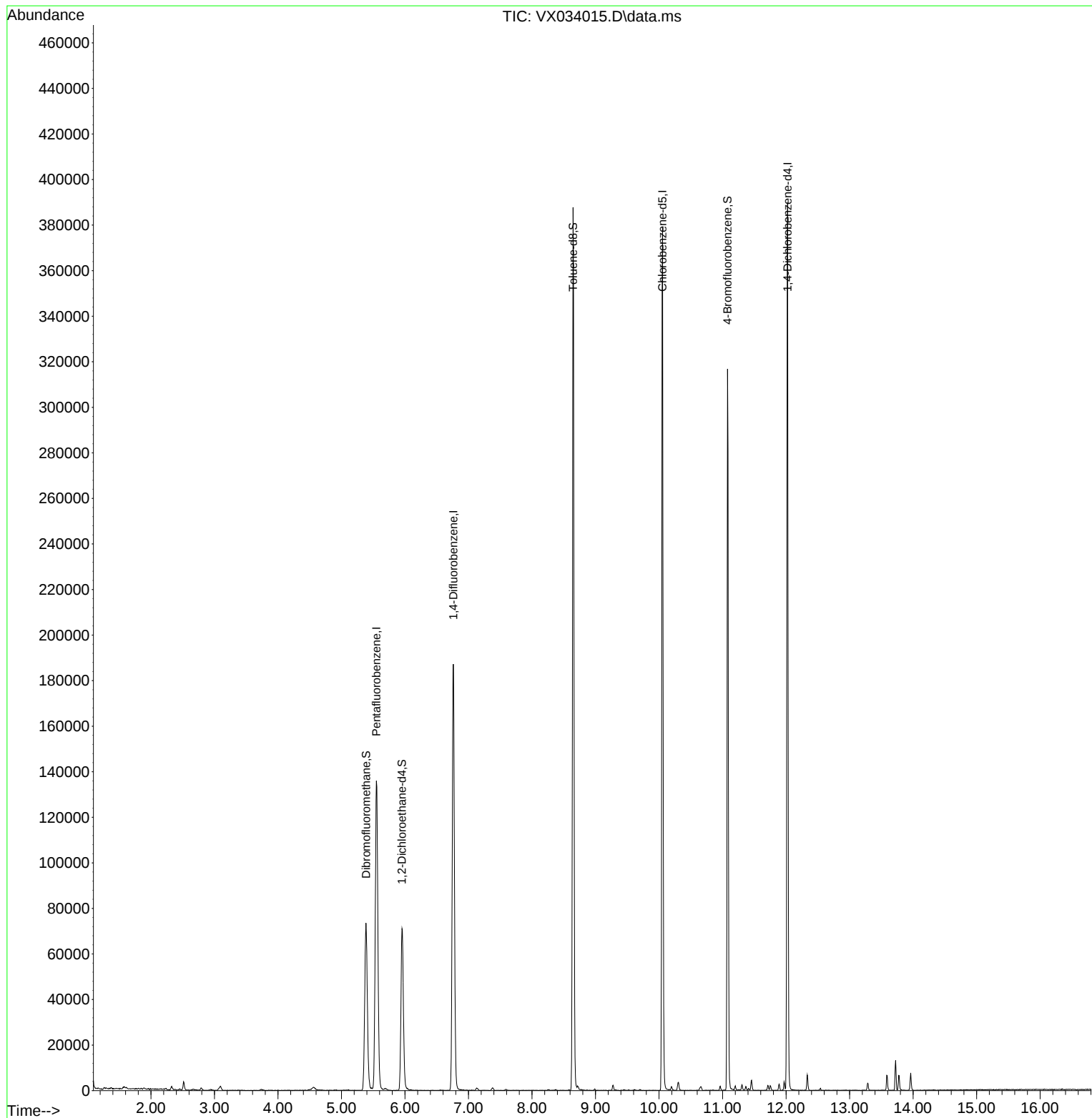
Target Compounds	Qvalue

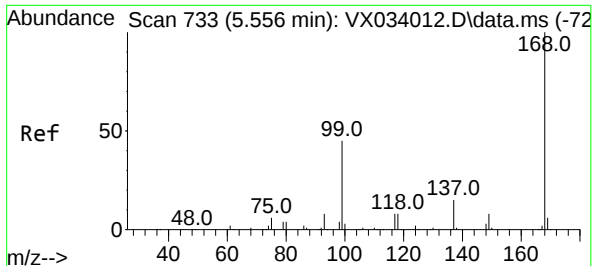
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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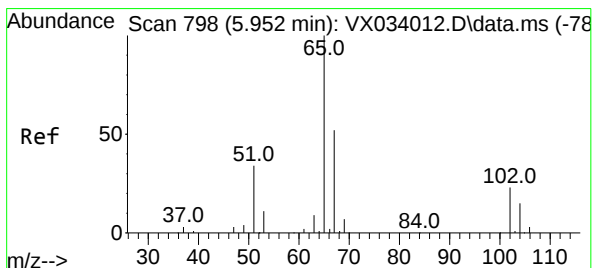
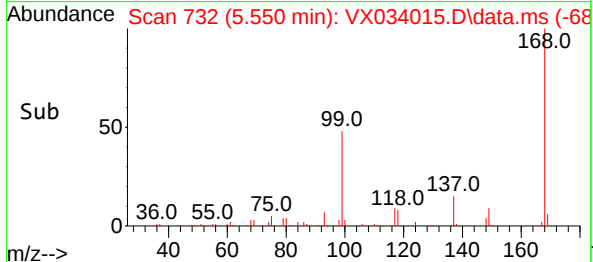
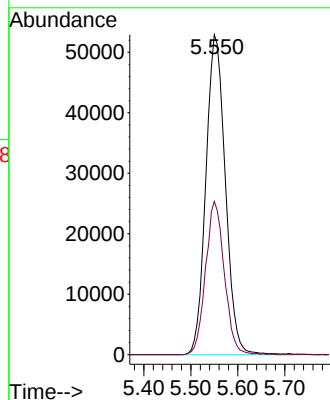
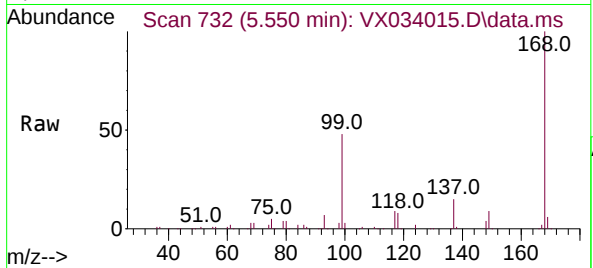




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

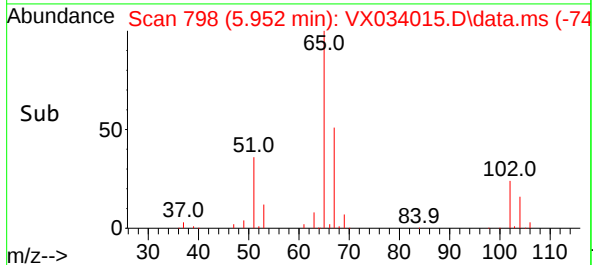
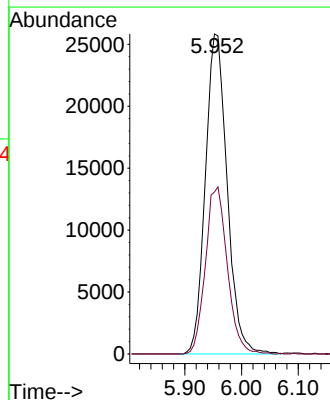
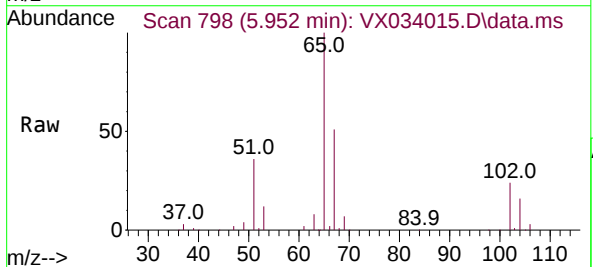
Instrument :
MSVOA_X
ClientSampleId :
IBLK

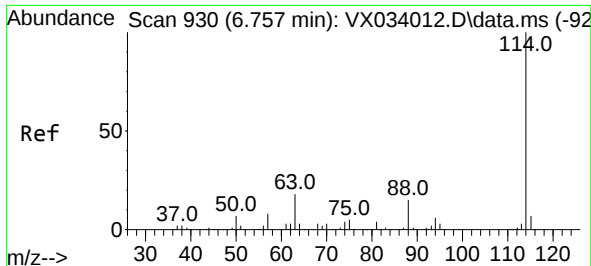
Tgt Ion:168 Resp: 151876
Ion Ratio Lower Upper
168 100
99 47.9 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 43.892 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

Tgt Ion: 65 Resp: 68985
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034015.D

Acq: 03 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

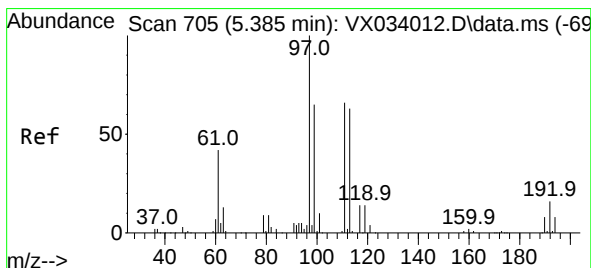
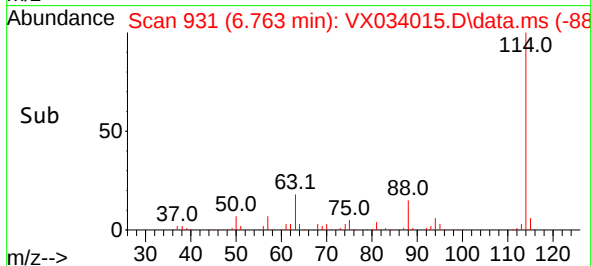
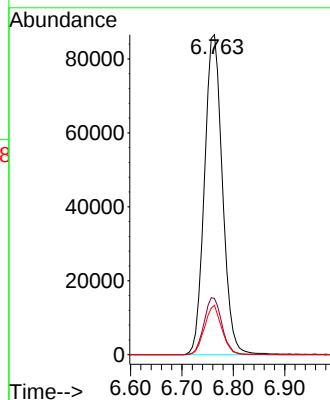
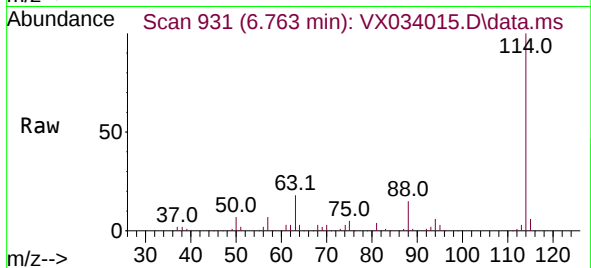
Tgt Ion:114 Resp: 209907

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.332 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034015.D

Acq: 03 Feb 2023 17:04

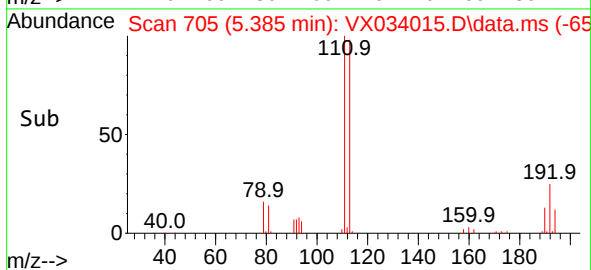
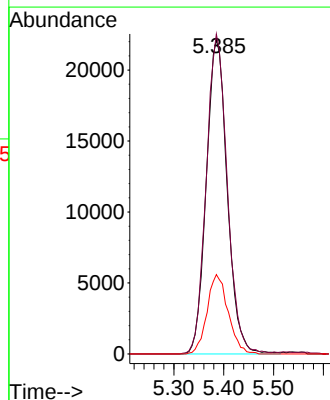
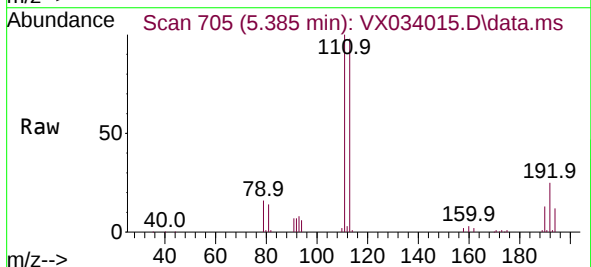
Tgt Ion:113 Resp: 64666

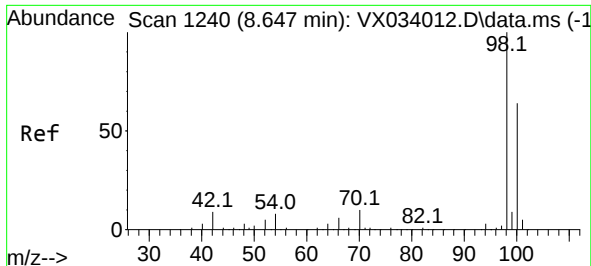
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

192 25.4 19.0 28.4

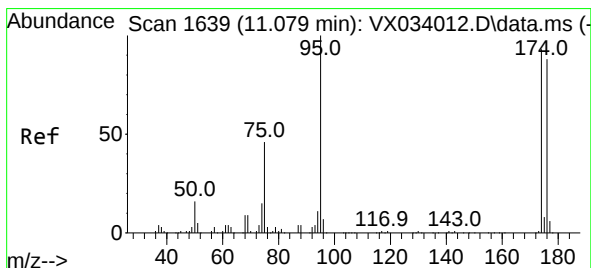
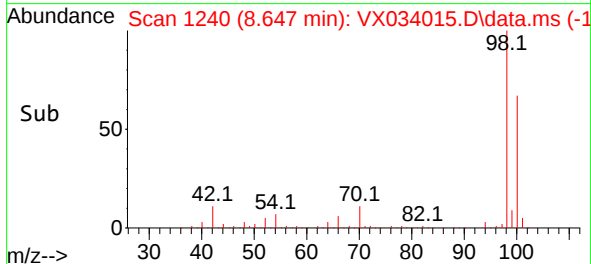
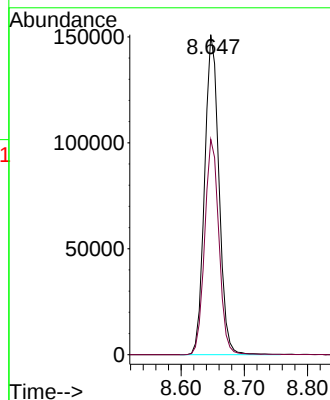
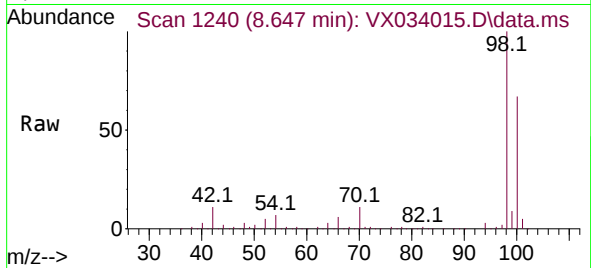




#50
Toluene-d8
Concen: 50.160 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

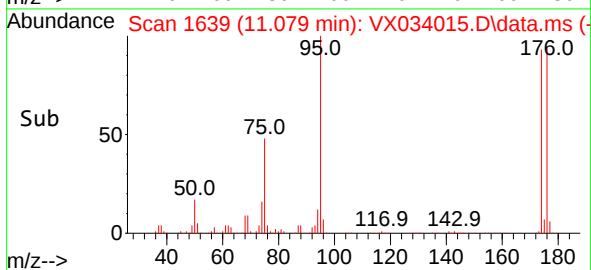
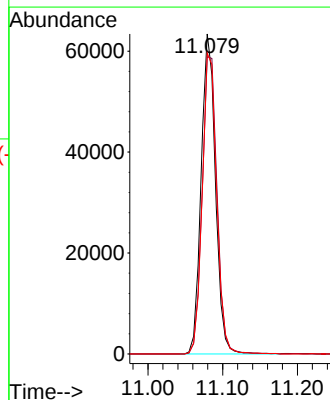
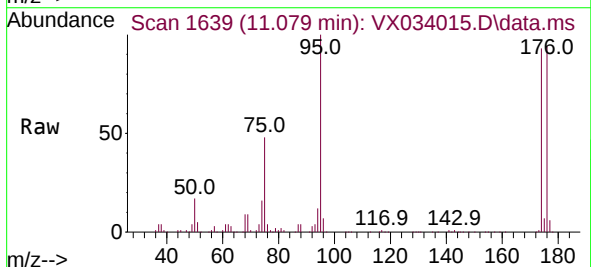
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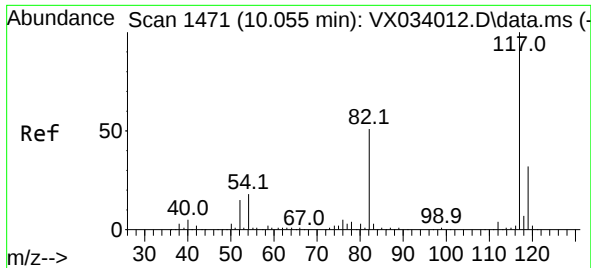
Tgt Ion: 98 Resp: 238272
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 48.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

Tgt Ion: 95 Resp: 84231
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.4
176 94.8 0.0 178.8

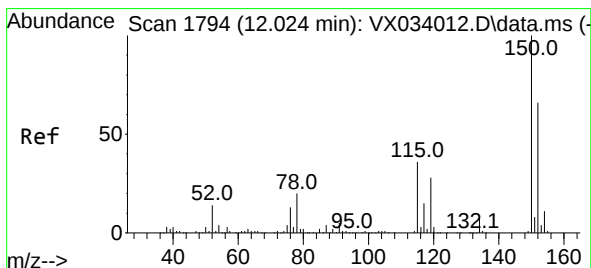
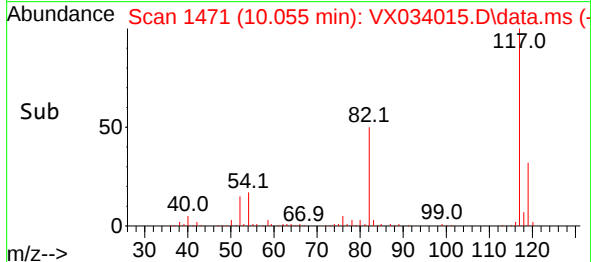
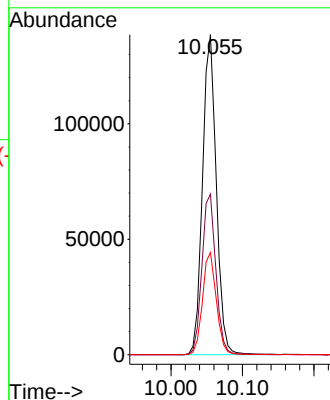
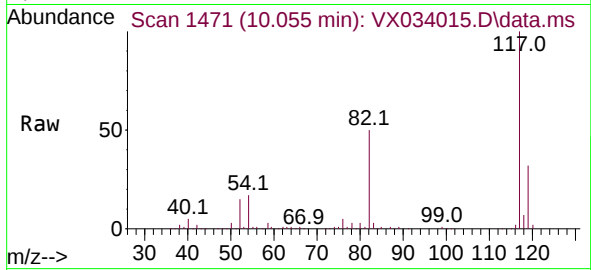




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 185607
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034015.D
Acq: 03 Feb 2023 17:04

Tgt Ion:152 Resp: 93078
Ion Ratio Lower Upper
152 100
115 53.6 38.7 116.1
150 155.6 0.0 348.2

