

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040218.D
 Acq On : 14 Feb 2024 14:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 15 00:02:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45770	41.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.940%
35) Dibromofluoromethane	5.391	113	39652	45.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	8.647	98	146123	44.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.980%#
62) 4-Bromofluorobenzene	11.079	95	59011	44.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%

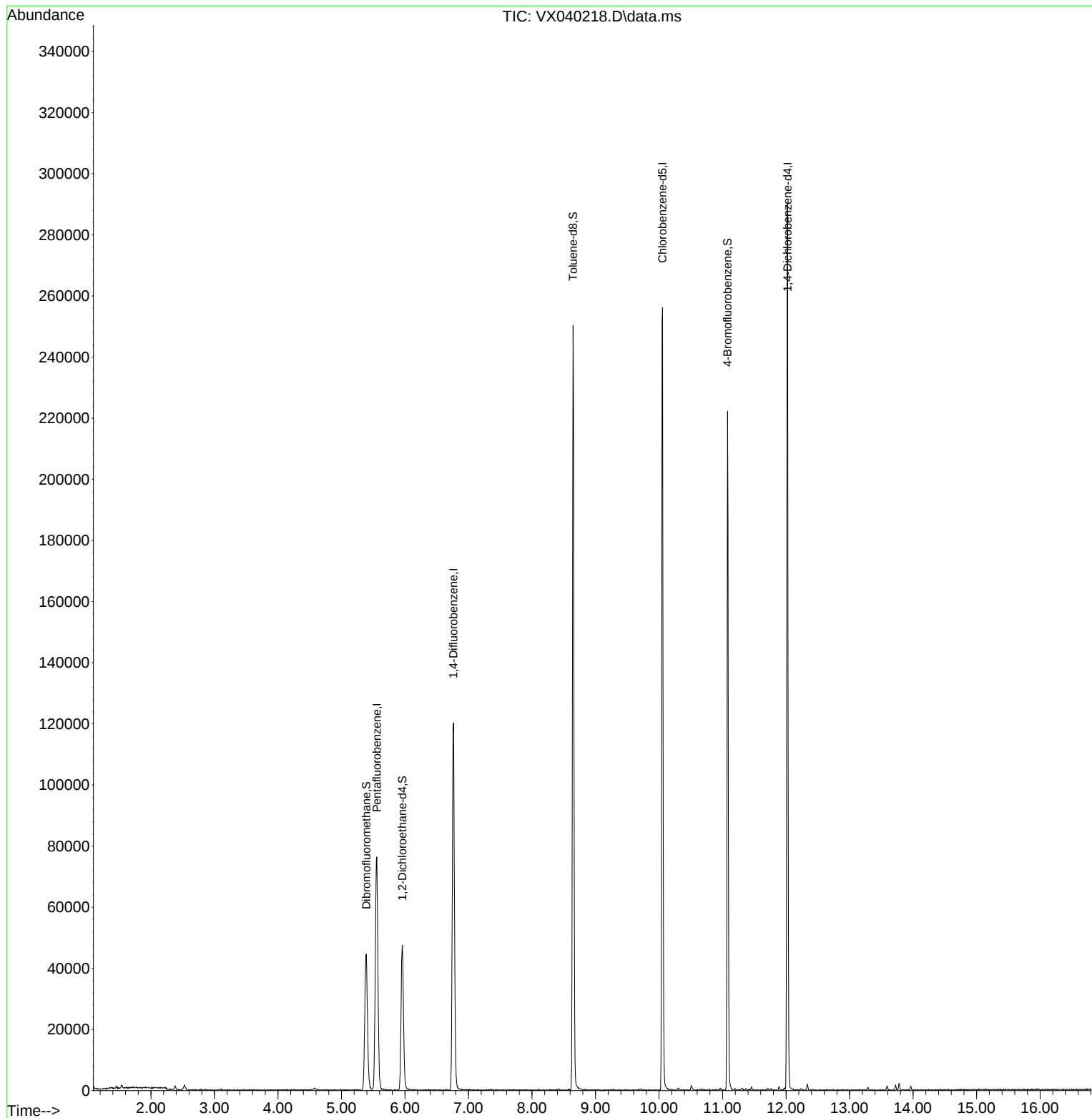
Target Compounds	Qvalue

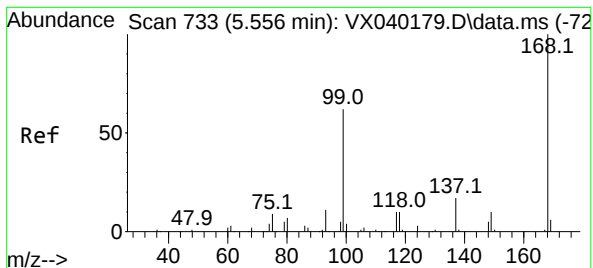
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.006 min

Lab File: VX040218.D

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Instrument :

MSVOA_X

ClientSampleId :

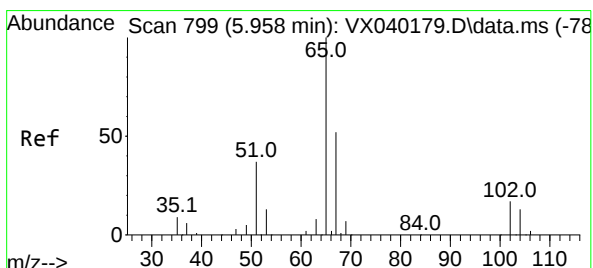
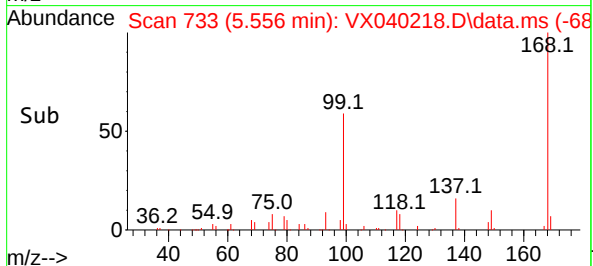
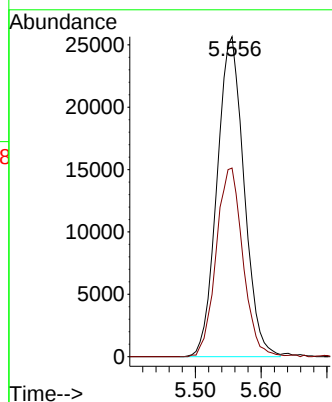
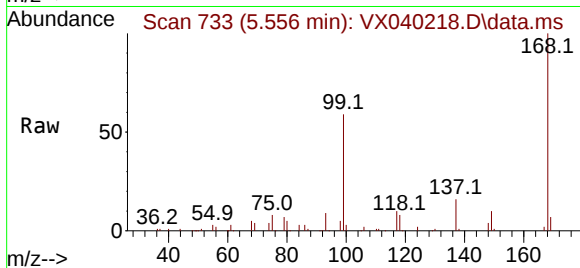
IBLK

Tgt Ion:168 Resp: 73307

Ion Ratio Lower Upper

168 100

99 59.0 56.6 85.0



#33

1,2-Dichloroethane-d4

Concen: 41.968 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040218.D

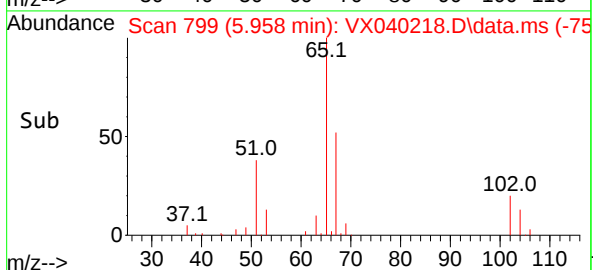
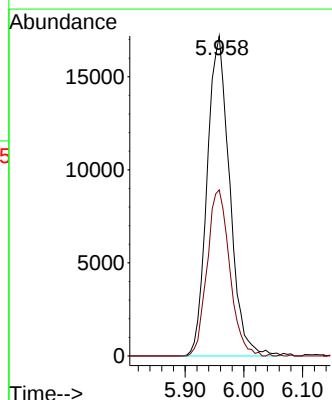
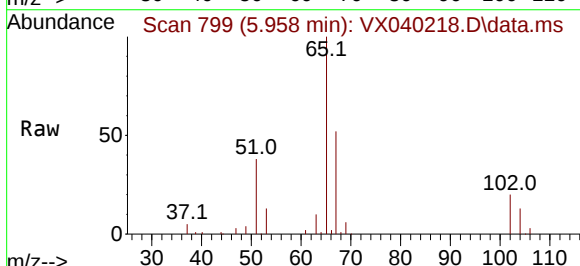
Acq: 14 Feb 2024 14:24

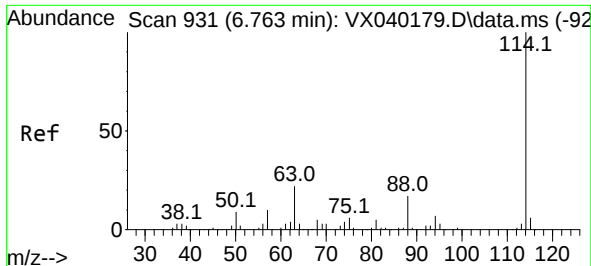
Tgt Ion: 65 Resp: 45770

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2

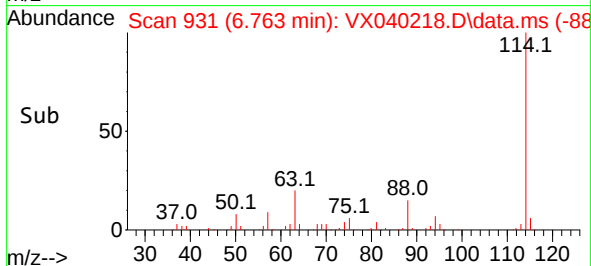
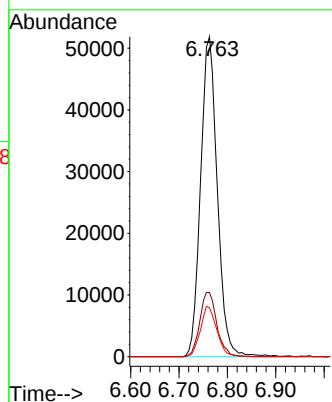
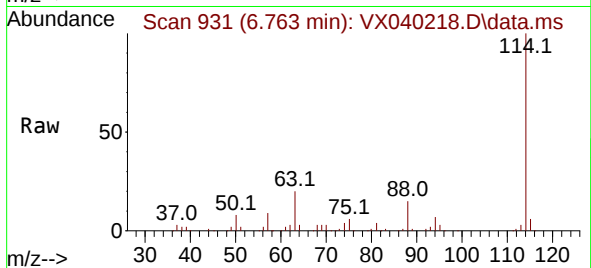




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

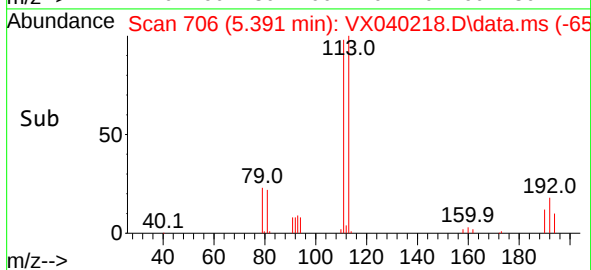
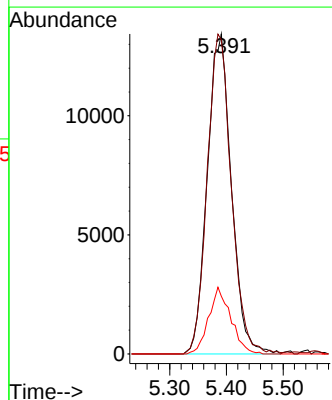
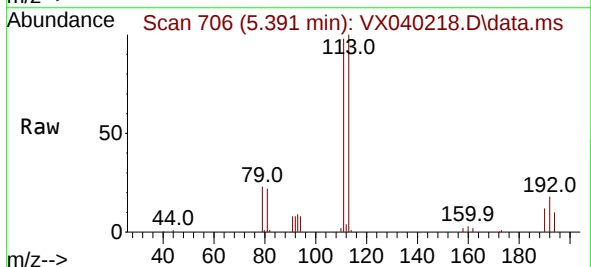
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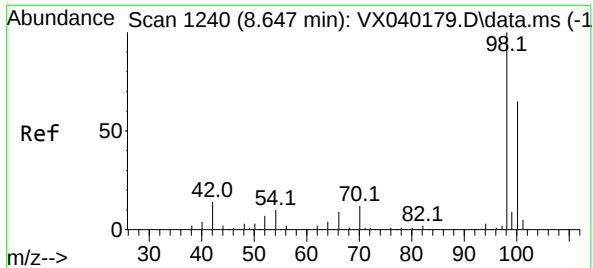
Tgt Ion:114 Resp: 124334
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion:113 Resp: 39652
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 19.1 13.3 19.9

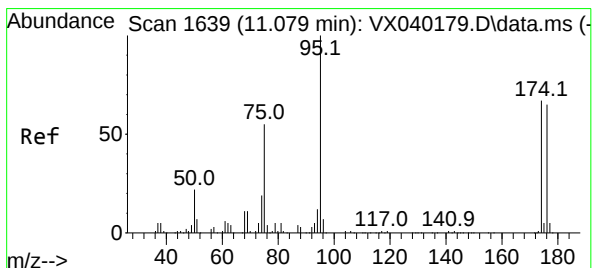
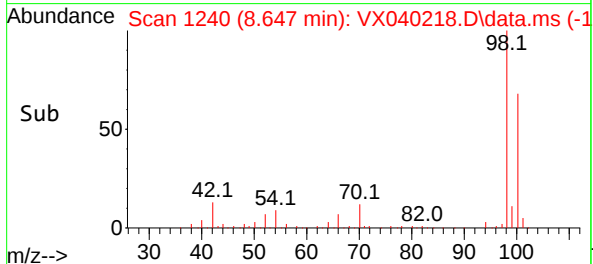
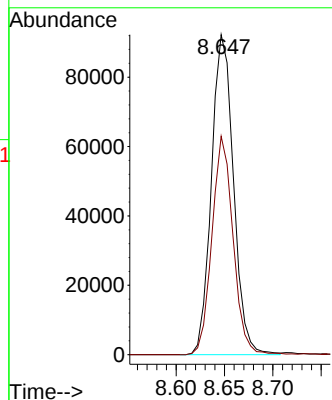
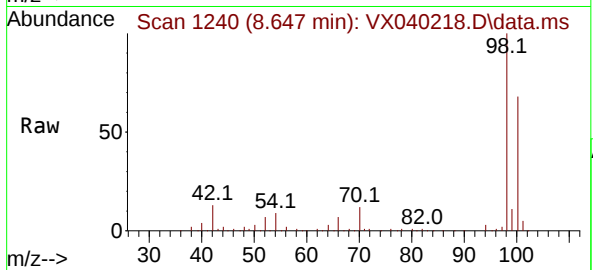




#50
Toluene-d8
Concen: 44.989 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

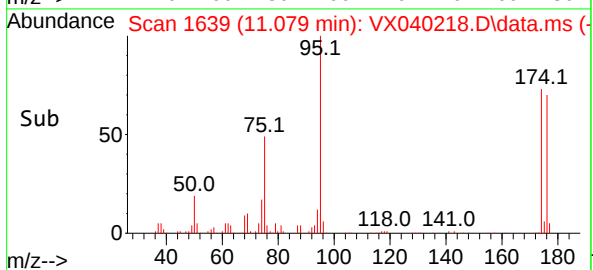
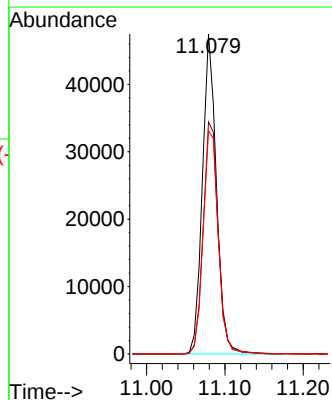
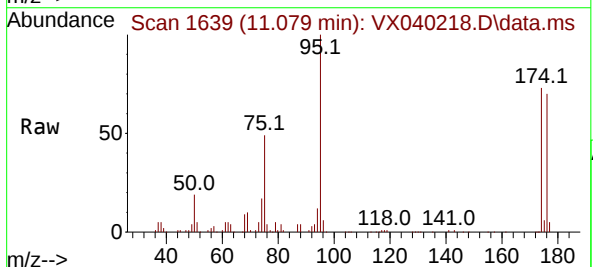
Instrument :
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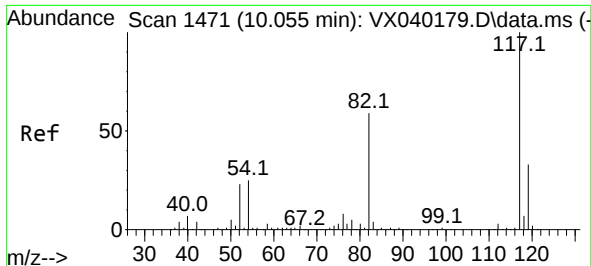
Tgt Ion: 98 Resp: 146123
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion: 95 Resp: 59011
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 75.0 0.0 131.0

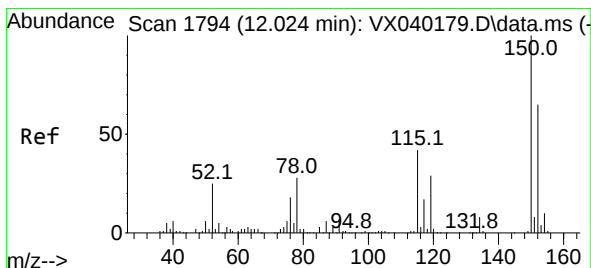
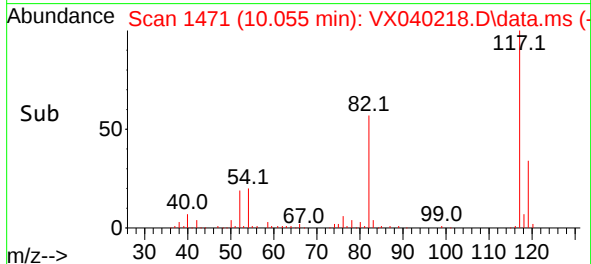
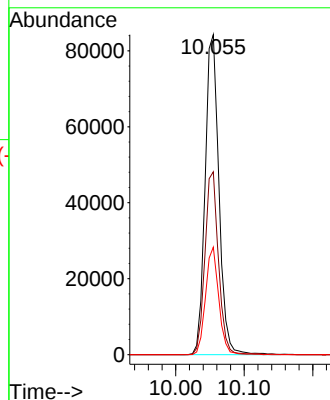
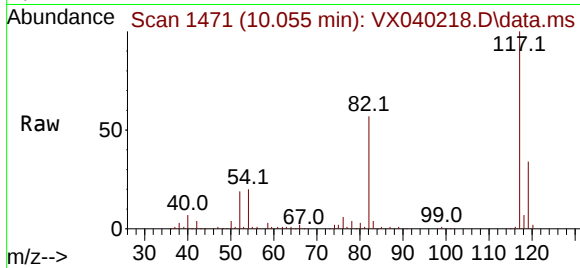




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040218.D
Acq: 14 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 118305
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 33.6 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: VX040218.D
Acq: 14 Feb 2024 14:24

Tgt Ion:152 Resp: 62087
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 153.8 0.0 345.0

