

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039186.D
 Acq On : 13 Dec 2023 12:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 14 01:30:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96544	48.111	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.385	113	72930	47.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.647	98	280468	49.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.079	95	128977	54.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%

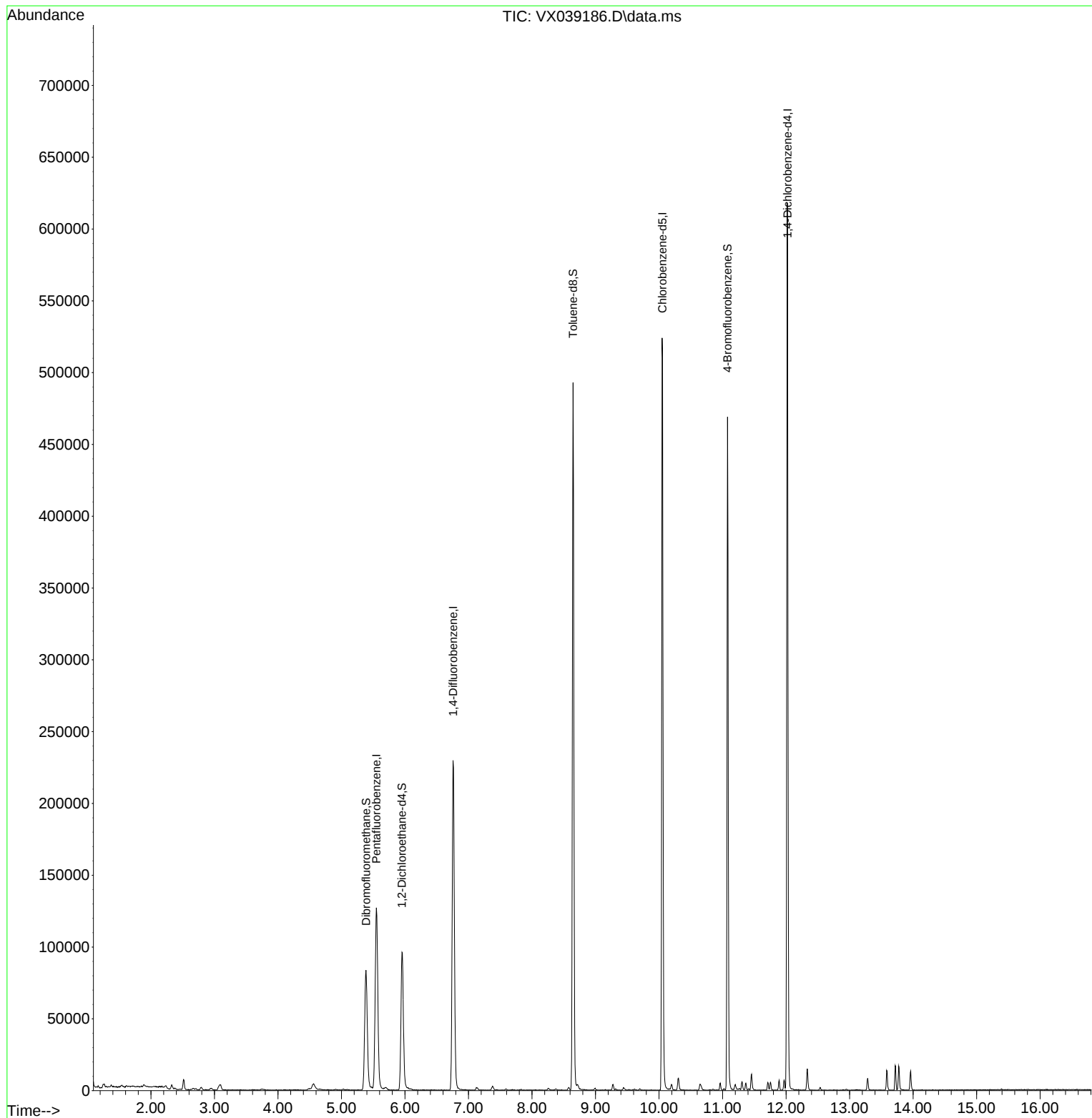
Target Compounds	Qvalue

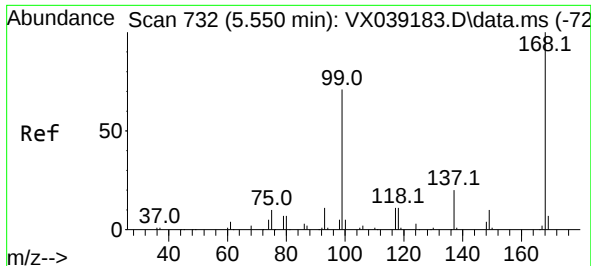
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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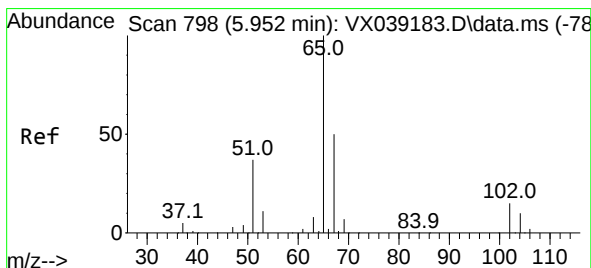
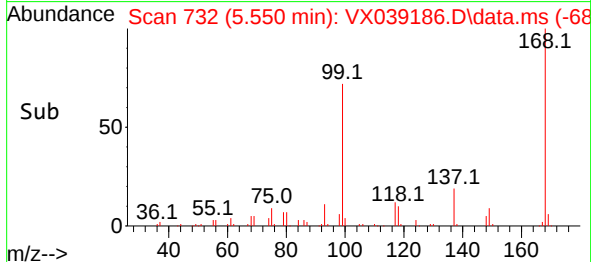
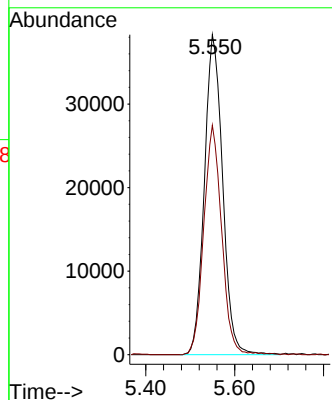
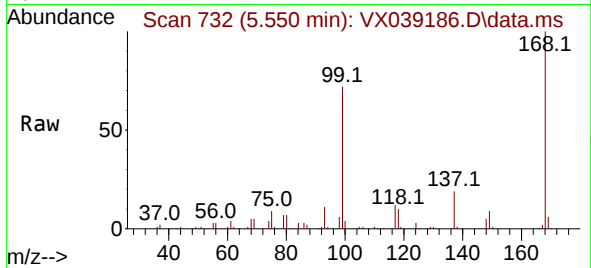




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

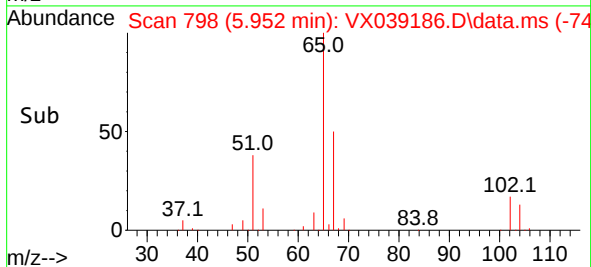
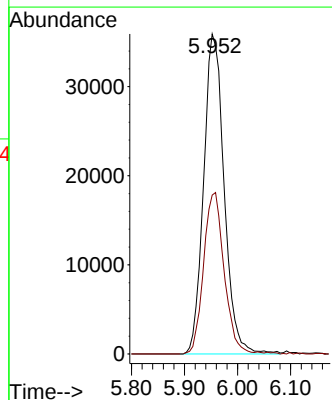
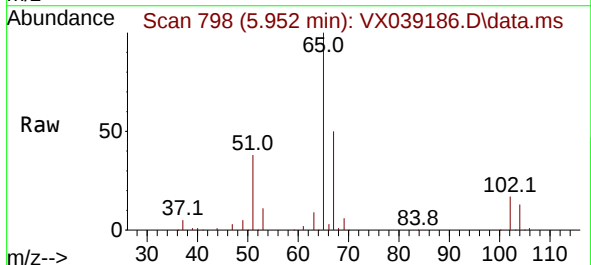
Instrument :
MSVOA_X
ClientSampleId :
IBLK

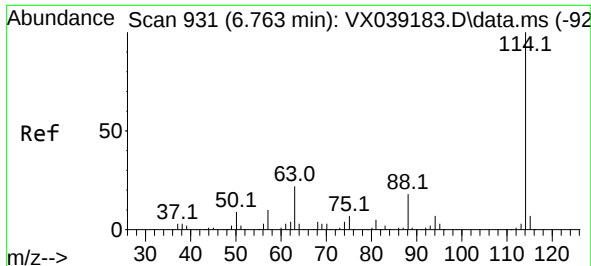
Tgt Ion:168 Resp: 109539
Ion Ratio Lower Upper
168 100
99 71.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.111 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

Tgt Ion: 65 Resp: 96544
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

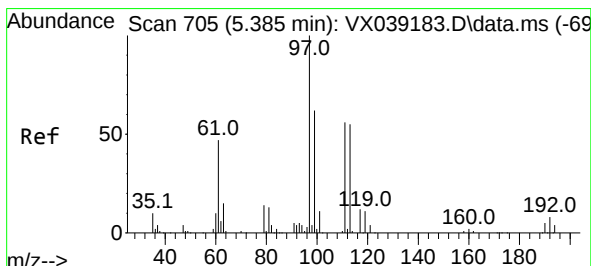
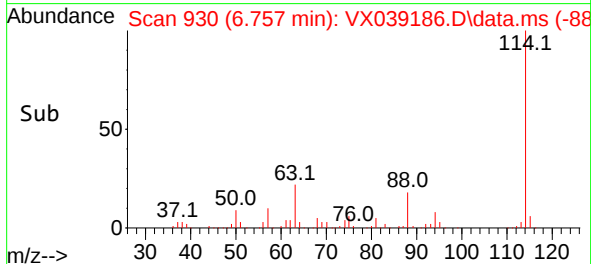
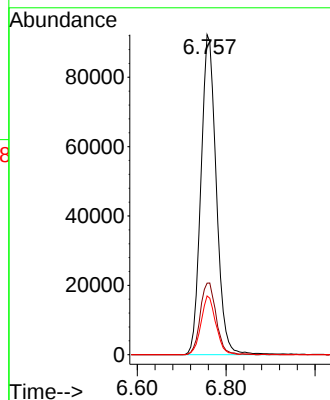
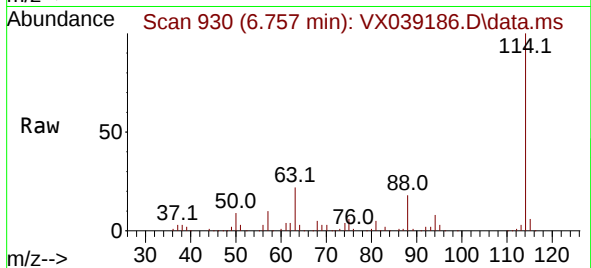




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

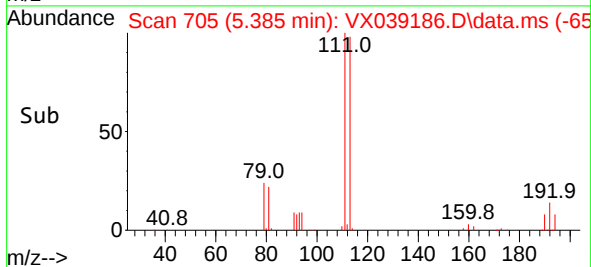
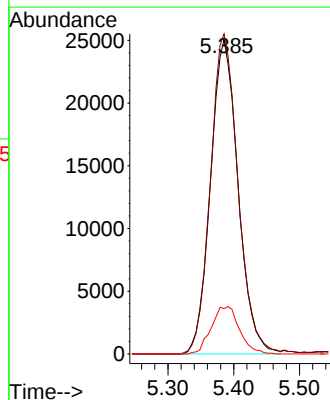
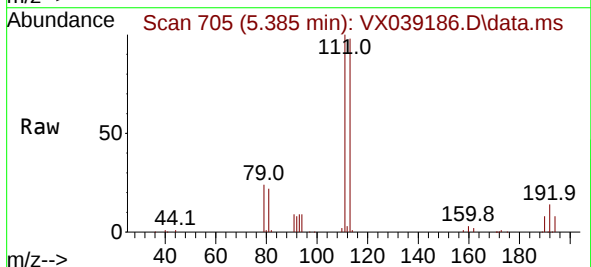
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 222018
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 18.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

Tgt Ion:113 Resp: 72930
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.5 13.3 19.9





#50

Toluene-d8

Concen: 49.254 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039186.D

Acq: 13 Dec 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

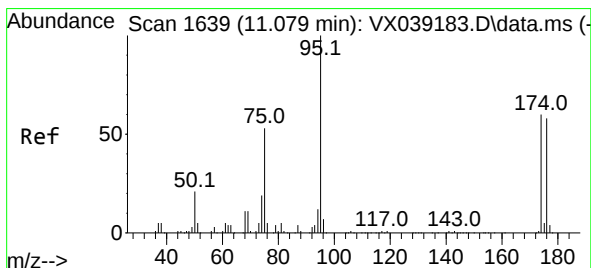
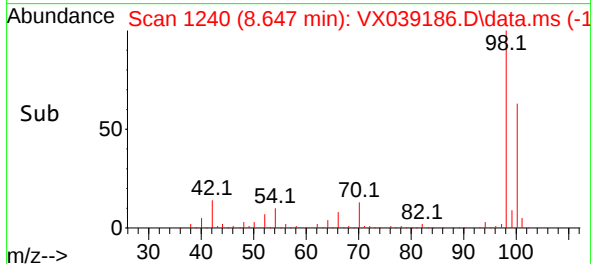
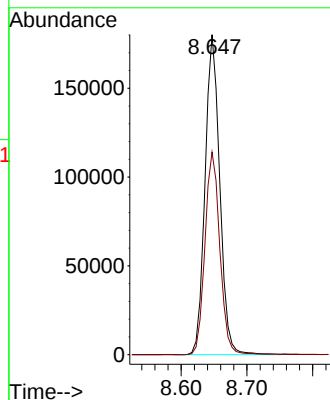
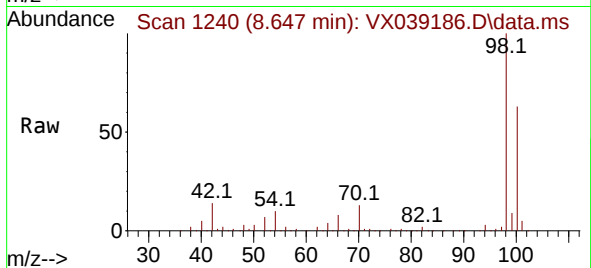
IBLK

Tgt Ion: 98 Resp: 280468

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 54.897 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039186.D

Acq: 13 Dec 2023 12:29

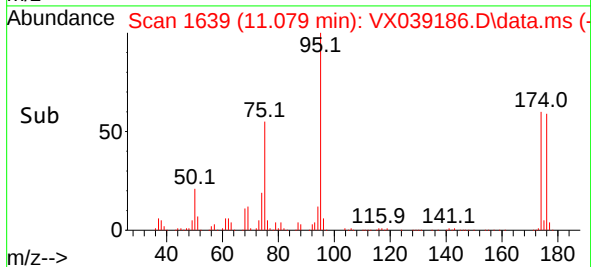
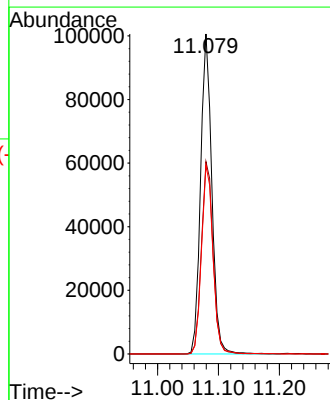
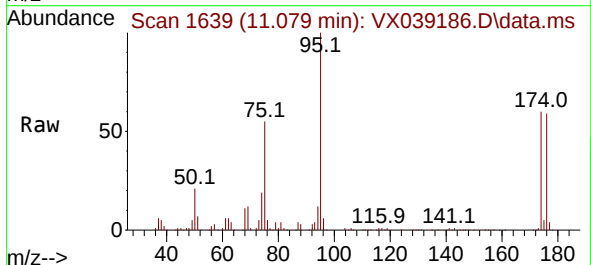
Tgt Ion: 95 Resp: 128977

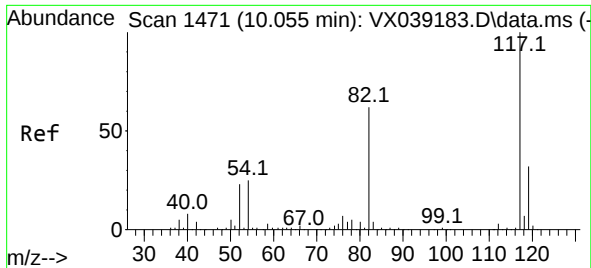
Ion Ratio Lower Upper

95 100

174 62.2 0.0 135.6

176 60.4 0.0 131.0

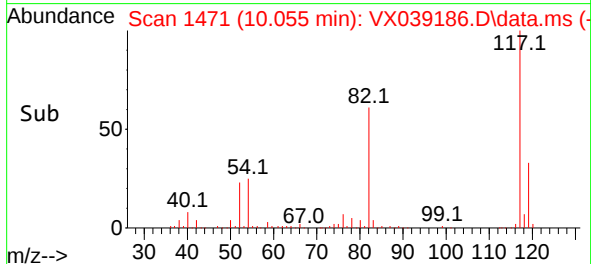
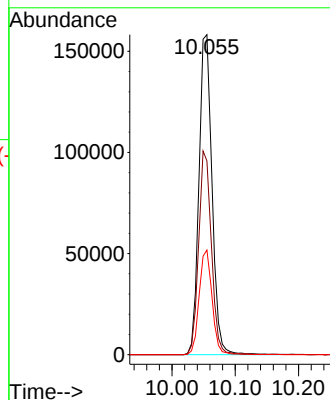
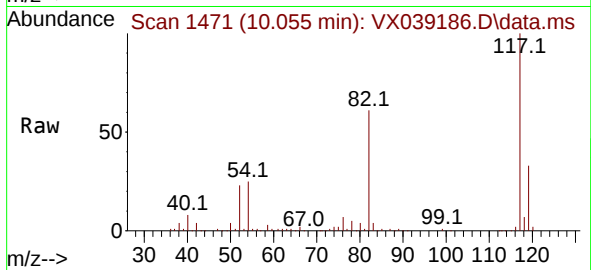




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 227877
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039186.D
Acq: 13 Dec 2023 12:29

Tgt Ion:152 Resp: 113871
Ion Ratio Lower Upper
152 100
115 68.9 43.3 129.9
150 159.5 0.0 345.0

