

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038288.D
 Acq On : 13 Oct 2023 16:39
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 13 23:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80136	45.928	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.860%
35) Dibromofluoromethane	5.385	113	64372	45.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.600%
50) Toluene-d8	8.647	98	251742	46.877	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.079	95	97794	48.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%

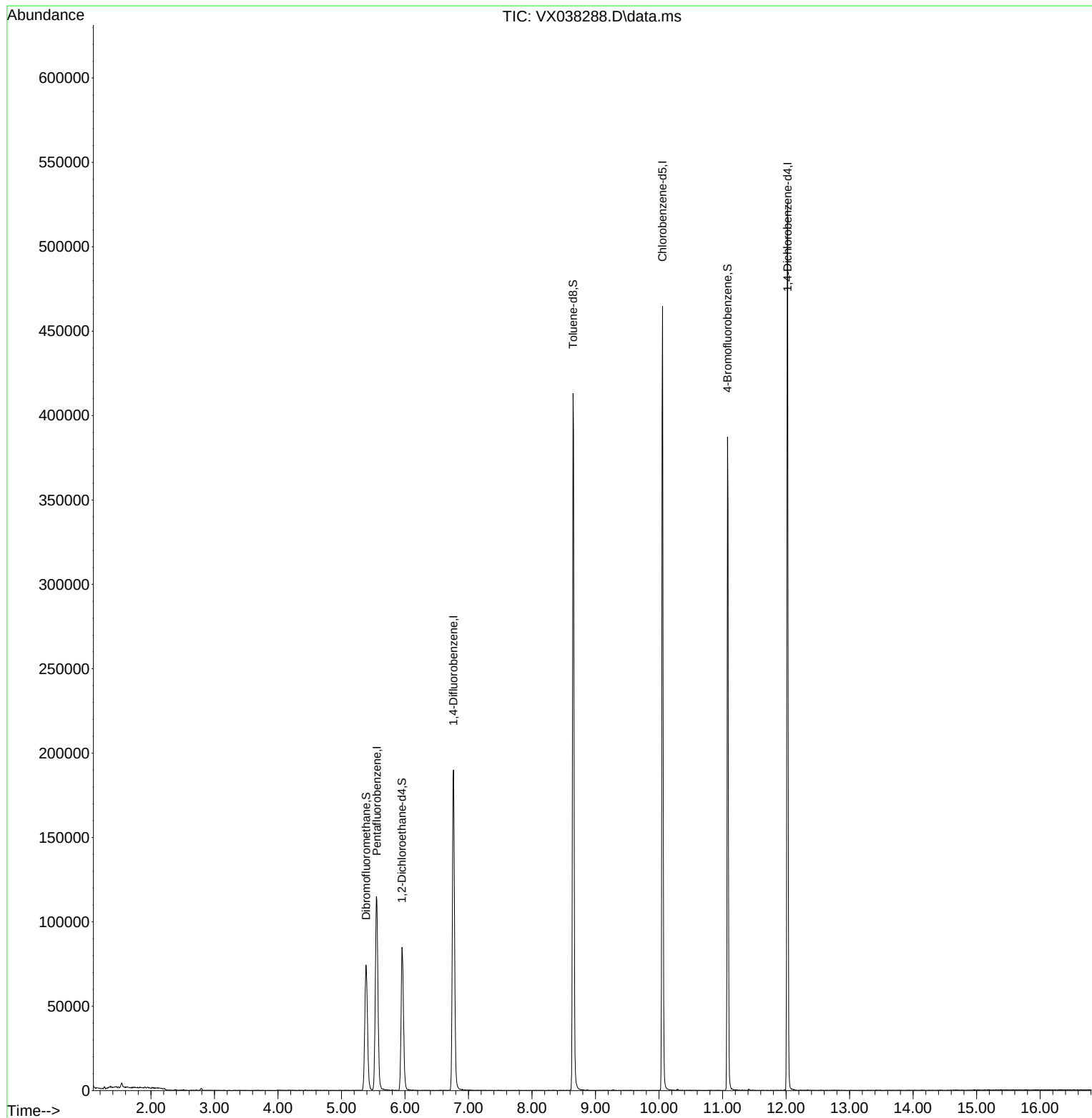
Target Compounds	Qvalue

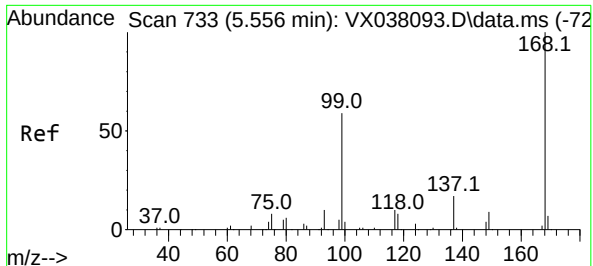
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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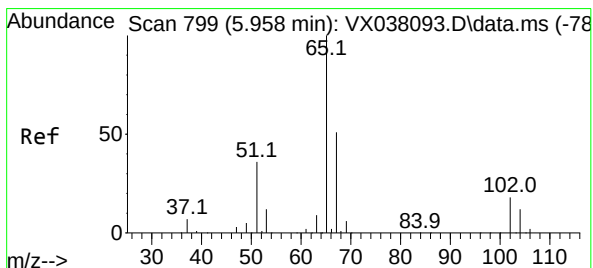
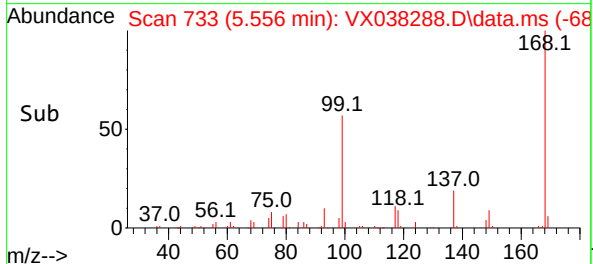
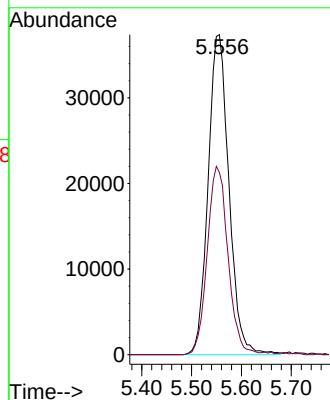
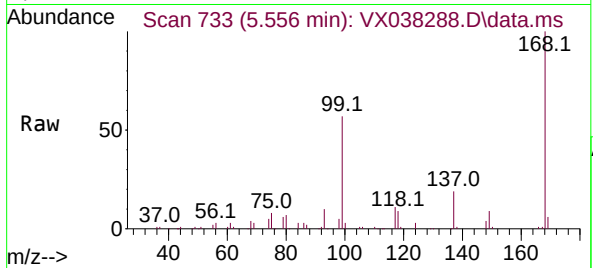




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

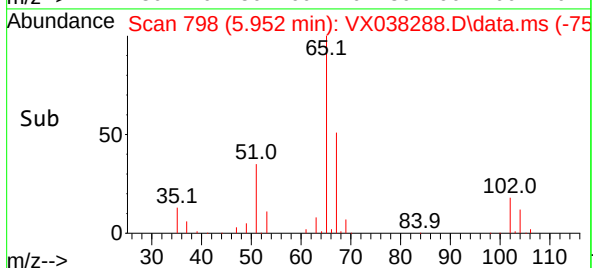
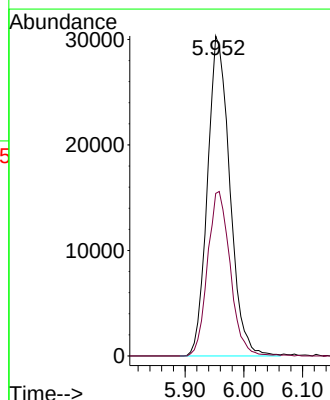
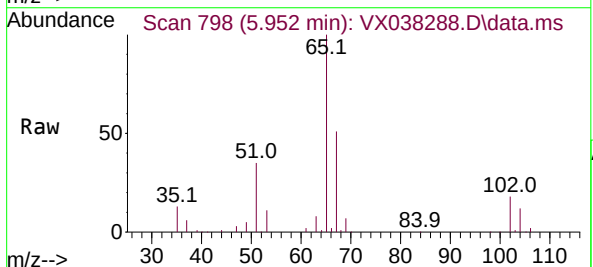
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

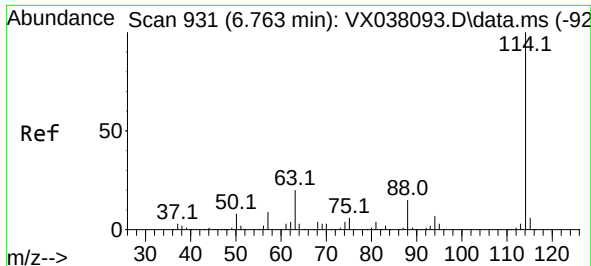
Tgt Ion:168 Resp: 108480
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.928 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 65 Resp: 80136
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

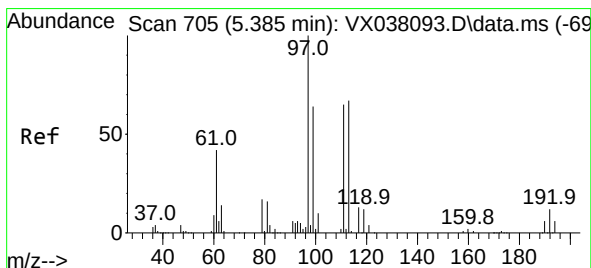
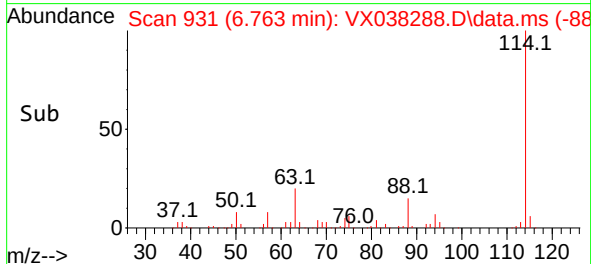
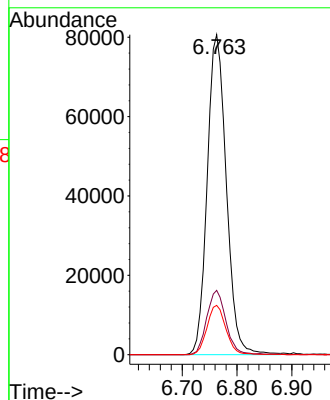
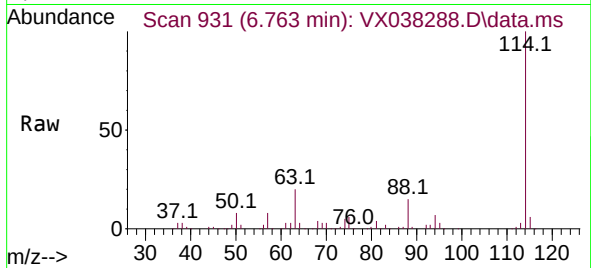




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

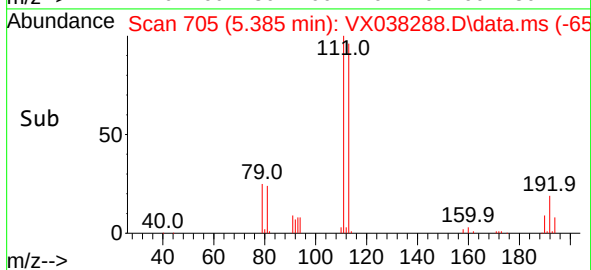
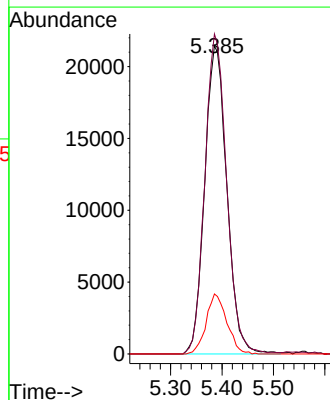
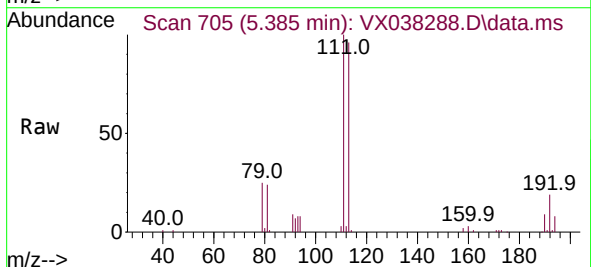
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

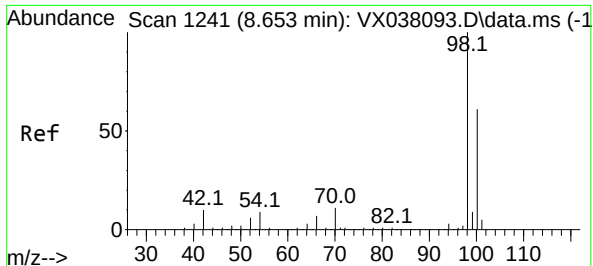
Tgt Ion:114 Resp: 195037
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.805 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion:113 Resp: 64372
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.1 13.3 19.9

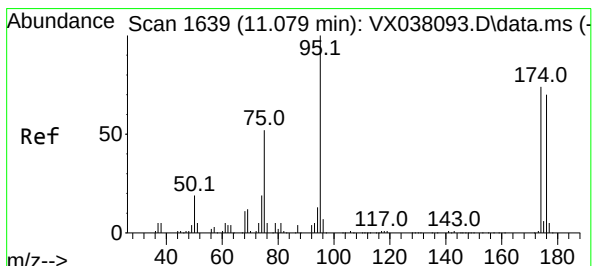
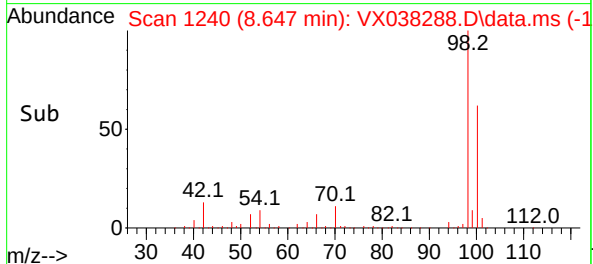
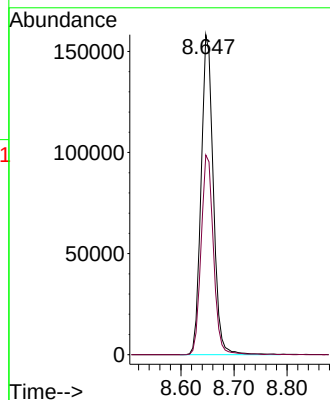
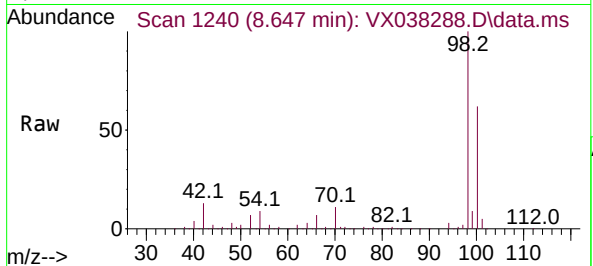




#50
Toluene-d8
Concen: 46.877 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

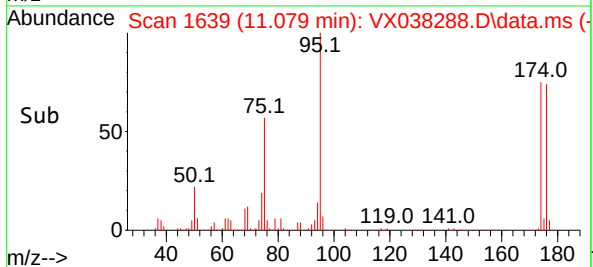
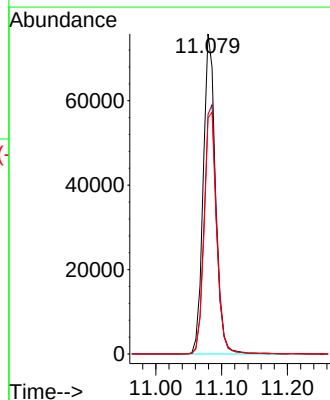
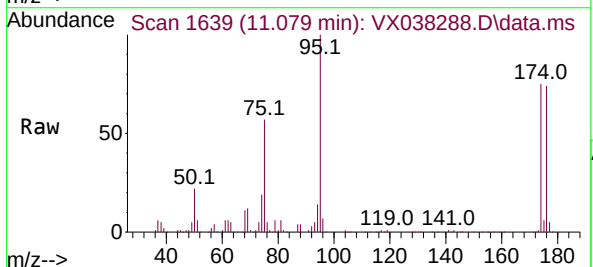
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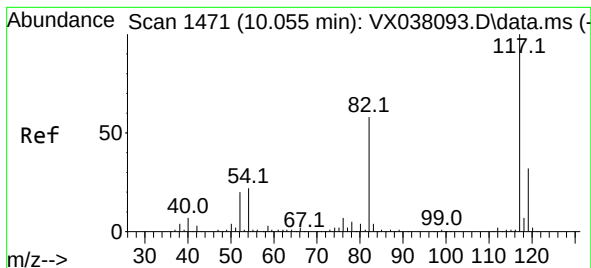
Tgt Ion: 98 Resp: 251742
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038288.D
Acq: 13 Oct 2023 16:39

Tgt Ion: 95 Resp: 97794
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 76.8 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: VX038288.D

Acq: 13 Oct 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

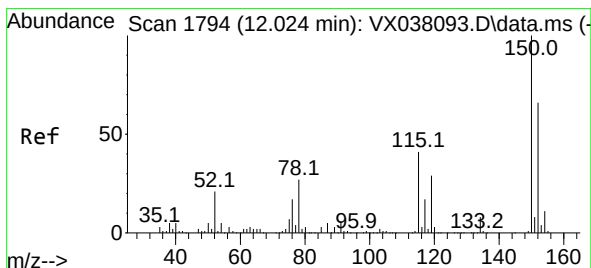
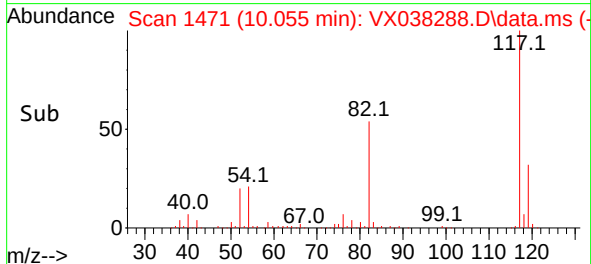
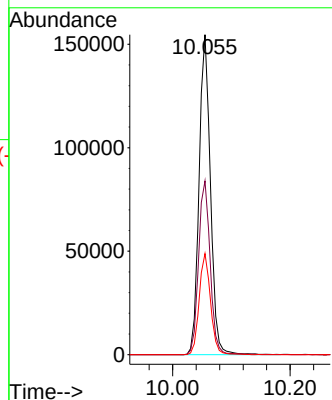
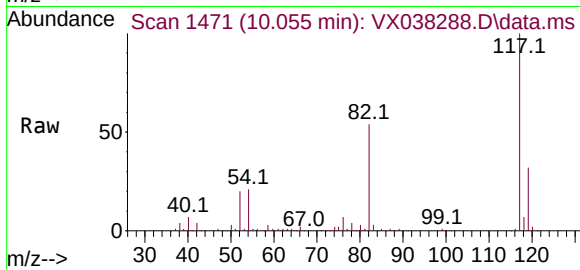
Tgt Ion:117 Resp: 206857

Ion Ratio Lower Upper

117 100

82 54.3 46.2 69.4

119 31.6 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: VX038288.D

Acq: 13 Oct 2023 16:39

Tgt Ion:152 Resp: 108966

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 159.0 0.0 345.0

