

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039552.D
 Acq On : 29 Dec 2023 17:48
 Operator : JC/MD
 Sample : 06046-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 30 02:05:05 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)

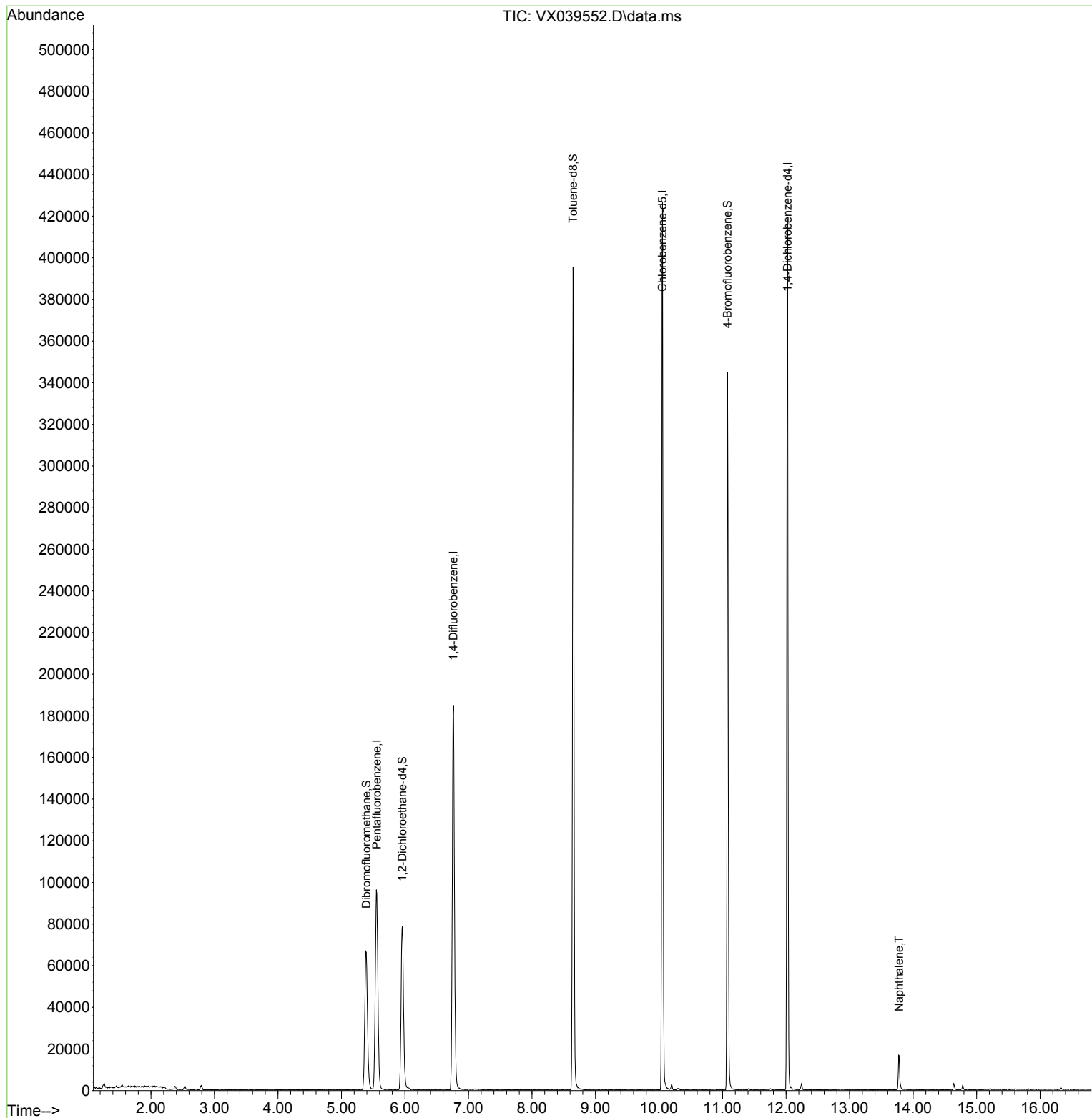
Internal Standards						
1) Pentafluorobenzene	5.556	168	84507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77087	49.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.391	113	59457	47.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	8.647	98	230307	49.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	11.079	95	93858	49.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
95) Naphthalene	13.780	128	12725	2.172	ug/l	97

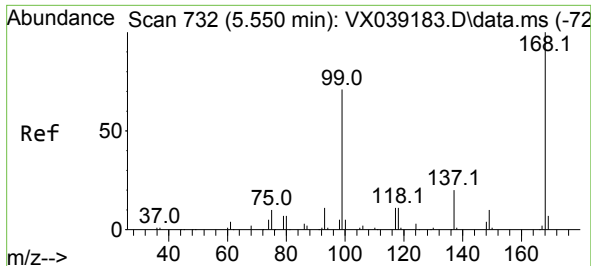
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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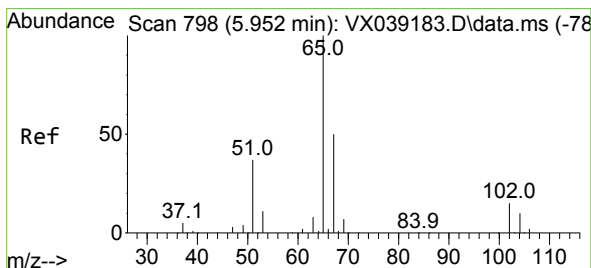
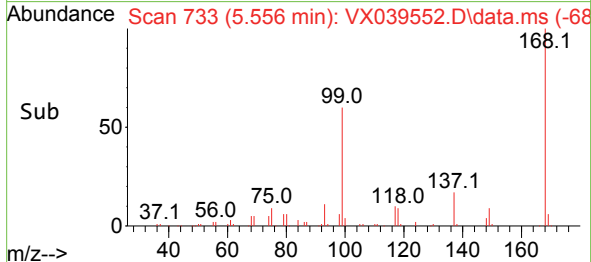
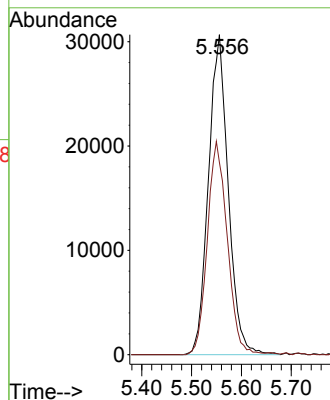
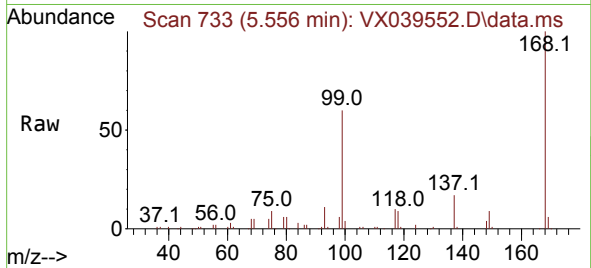




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

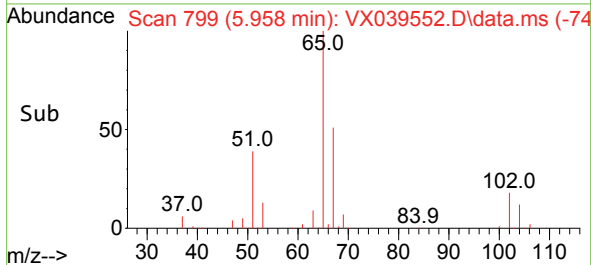
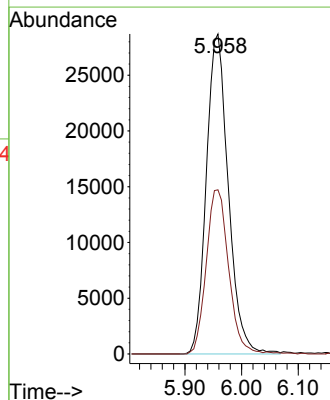
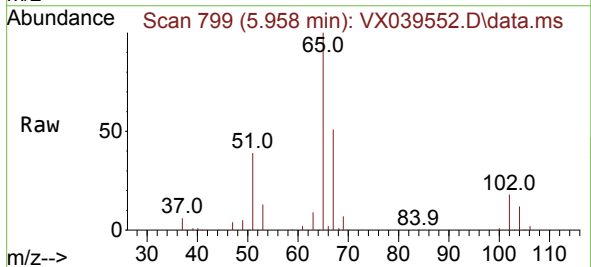
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

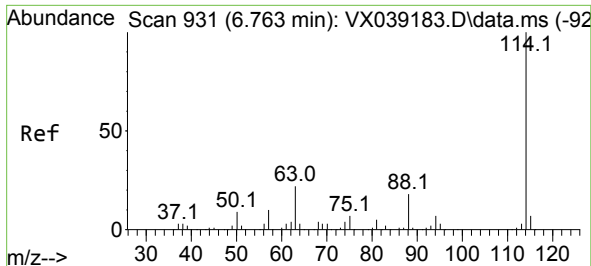
Tgt Ion:168 Resp: 84507
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.794 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 65 Resp: 77087
Ion Ratio Lower Upper
65 100
67 52.6 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: VX039552.D

Acq: 29 Dec 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

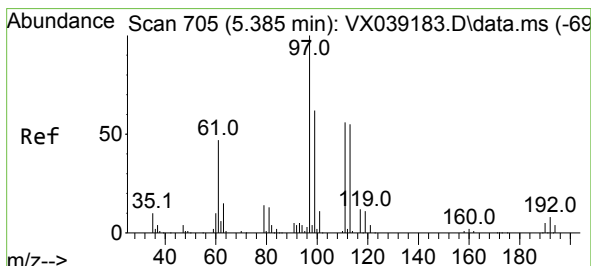
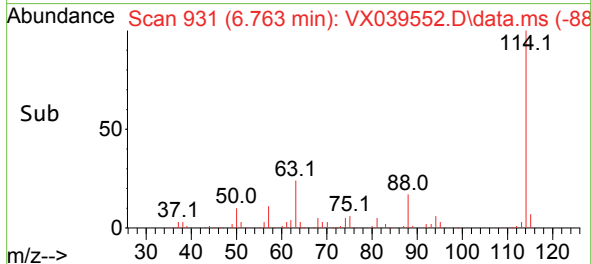
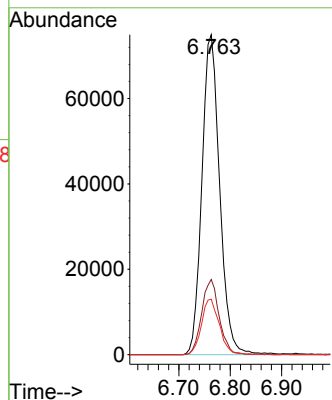
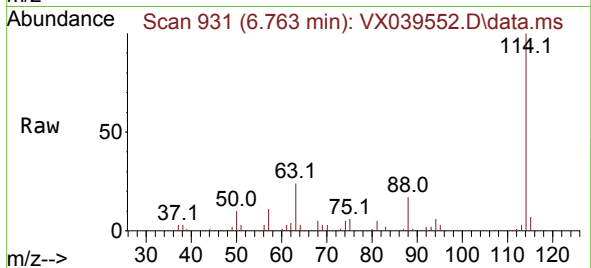
Tgt Ion:114 Resp: 180027

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 17.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.806 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX039552.D

Acq: 29 Dec 2023 17:48

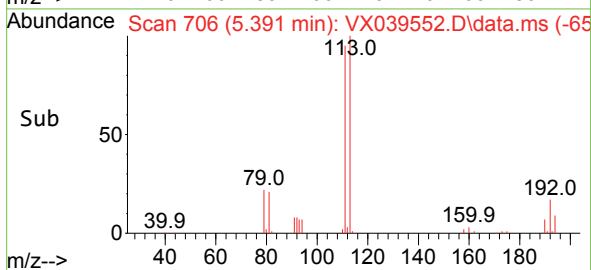
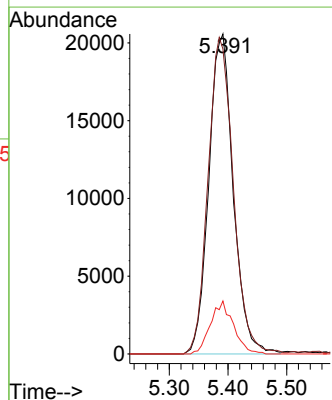
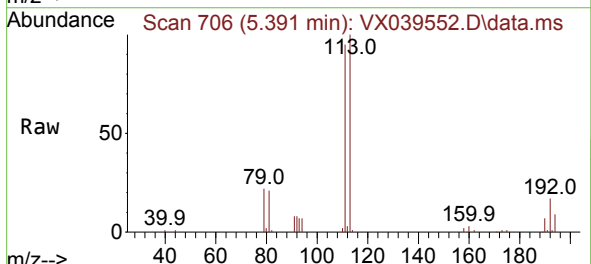
Tgt Ion:113 Resp: 59457

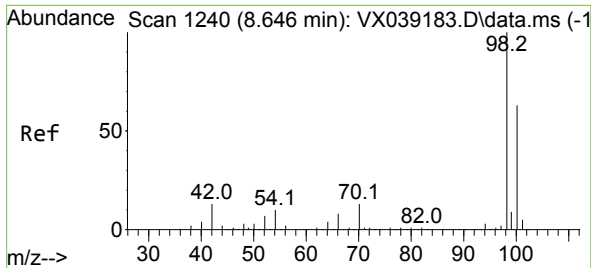
Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 15.6 13.3 19.9

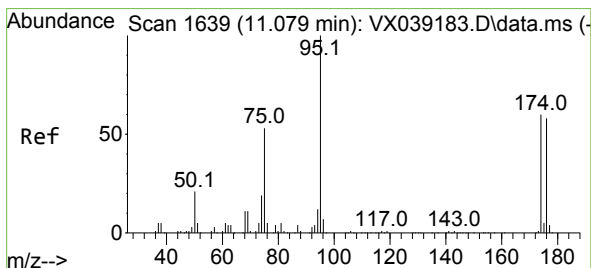
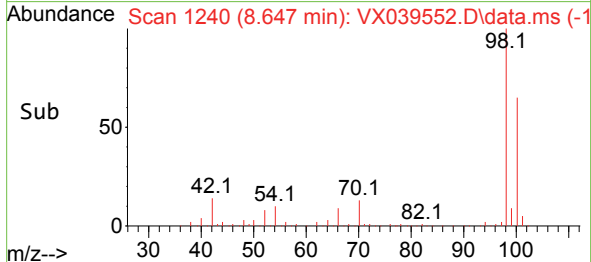
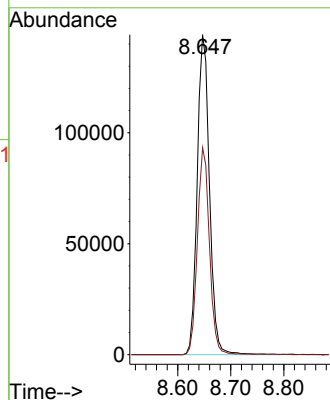
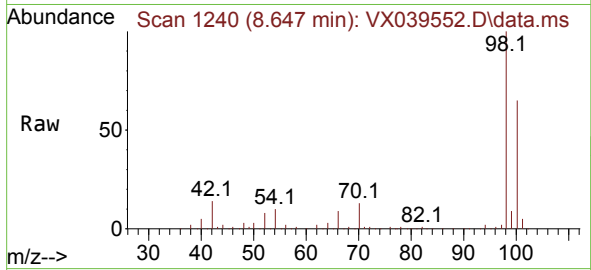




#50
Toluene-d8
Concen: 49.879 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

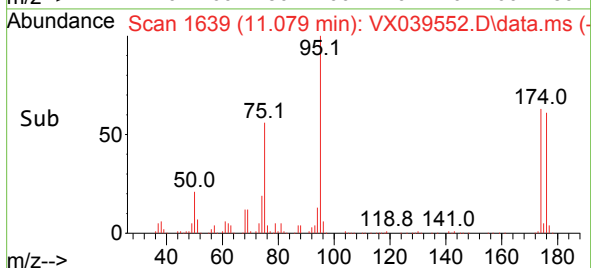
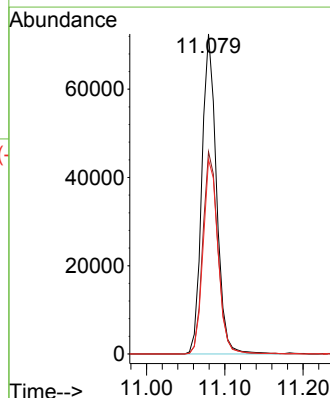
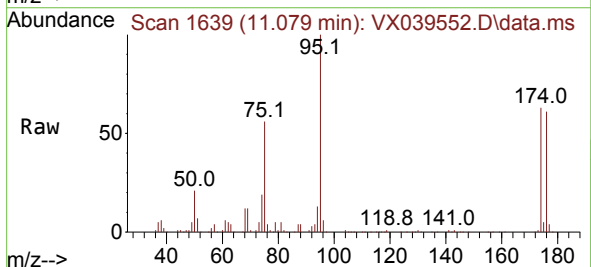
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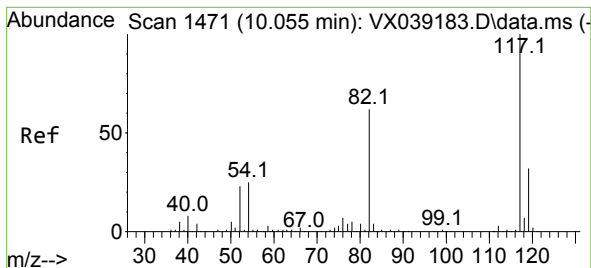
Tgt Ion: 98 Resp: 230307
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039552.D
Acq: 29 Dec 2023 17:48

Tgt Ion: 95 Resp: 93858
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.6
176 62.4 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: VX039552.D

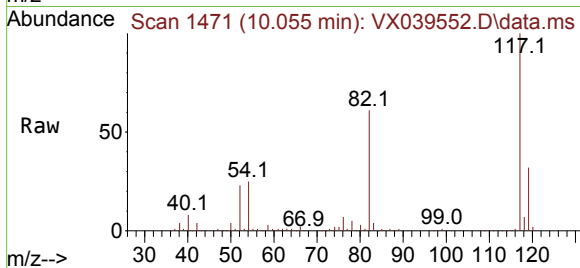
Acq: 29 Dec 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



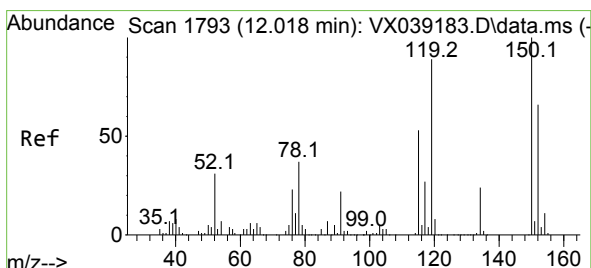
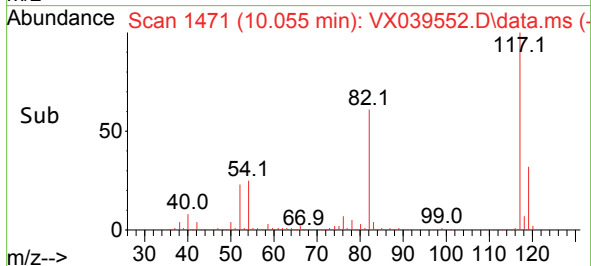
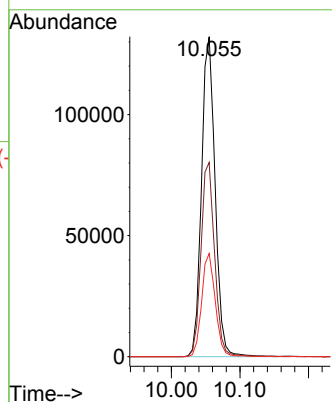
Tgt Ion:117 Resp: 182594

Ion Ratio Lower Upper

117 100

82 60.7 46.2 69.4

119 32.2 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: VX039552.D

Acq: 29 Dec 2023 17:48

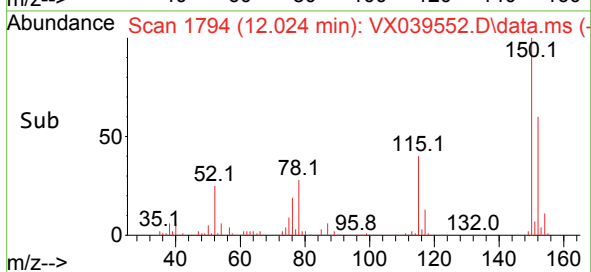
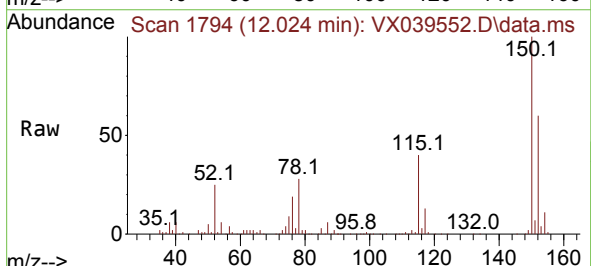
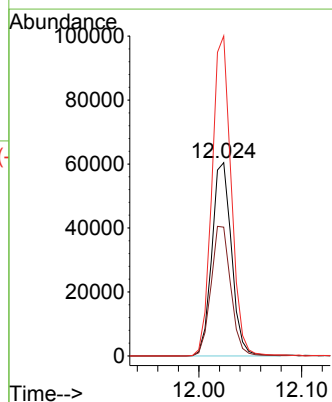
Tgt Ion:152 Resp: 80091

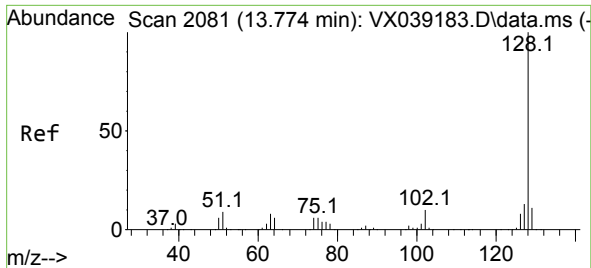
Ion Ratio Lower Upper

152 100

115 67.7 43.3 129.9

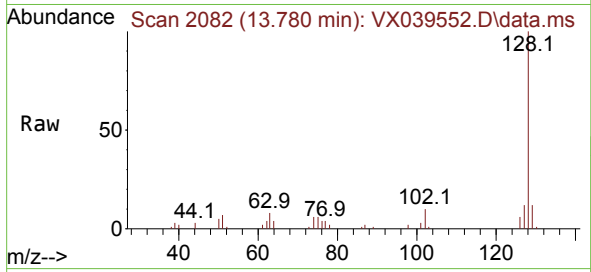
150 162.0 0.0 345.0





#95
Naphthalene
Concen: 2.172 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039552.D
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MSVOA_X
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Tgt Ion:	128	Resp:	12725
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	9.9	8.8	13.2

