

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039551.D
 Acq On : 29 Dec 2023 17:25
 Operator : JC/MD
 Sample : 06046-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Dec 30 02:04:44 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)

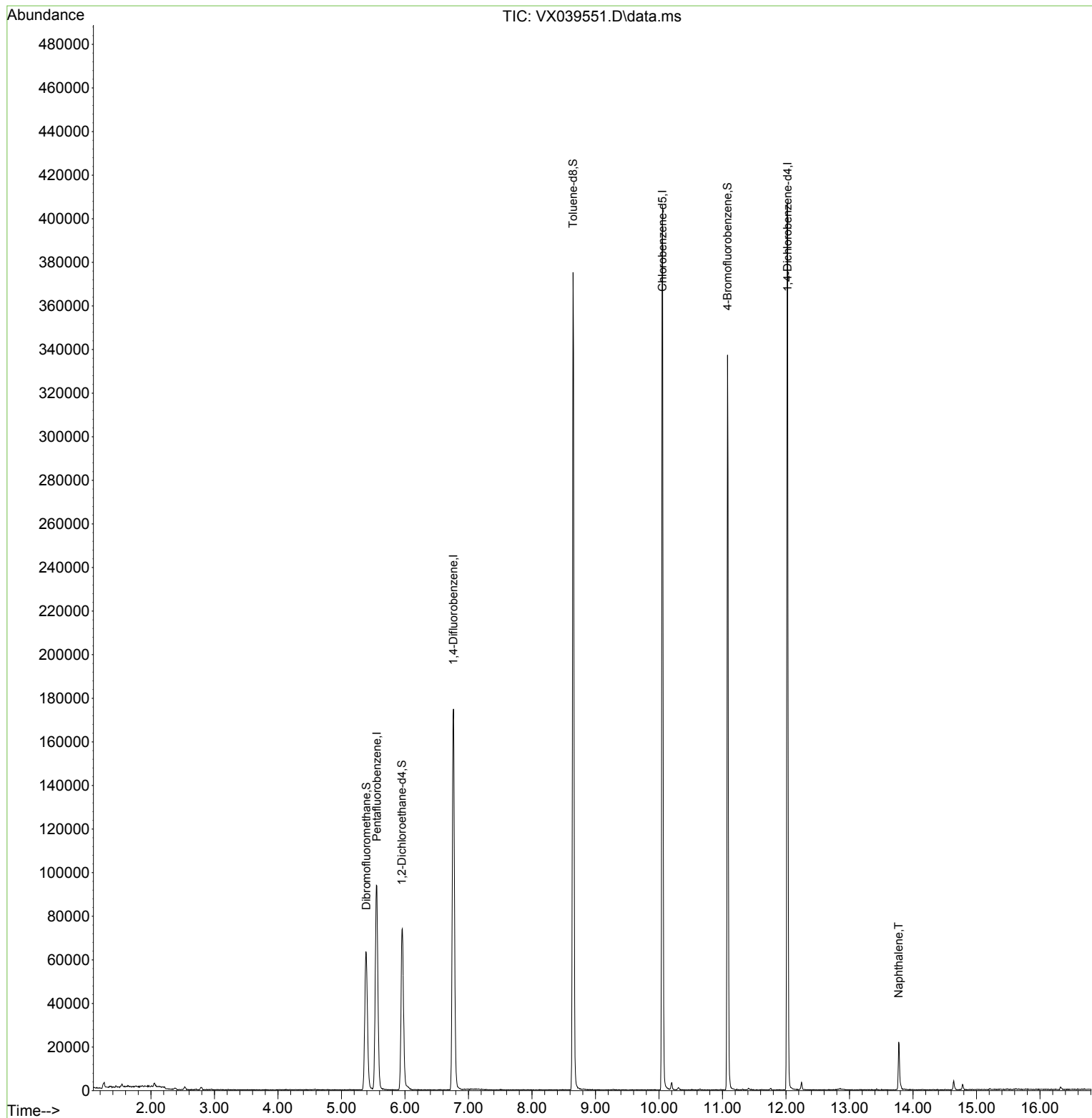
Internal Standards						
1) Pentafluorobenzene	5.556	168	81316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73430	49.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.580%
35) Dibromofluoromethane	5.391	113	56156	47.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.647	98	221028	49.849	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	91070	49.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.560%
Target Compounds						
95) Naphthalene	13.774	128	16720	2.942	ug/l	Qvalue 99

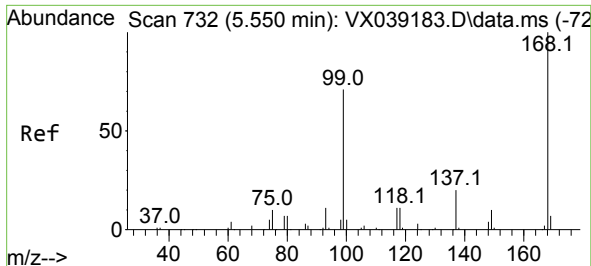
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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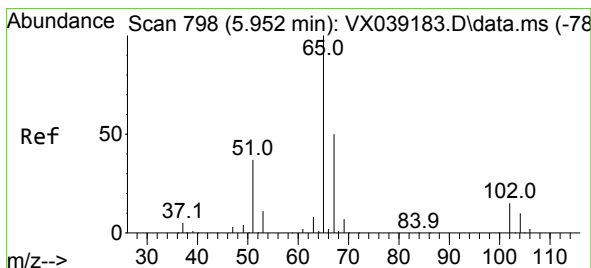
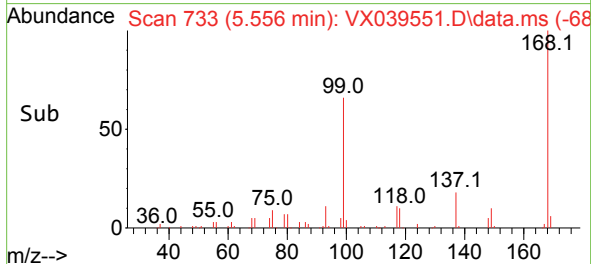
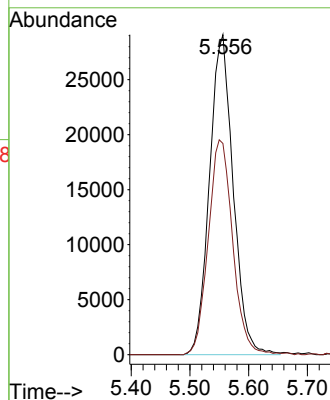
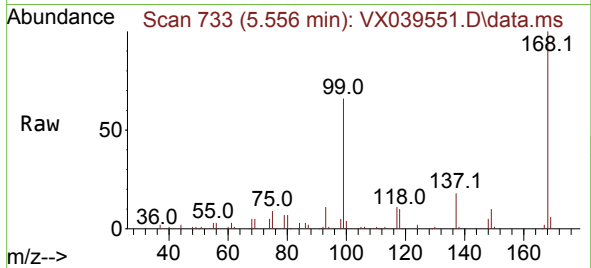




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

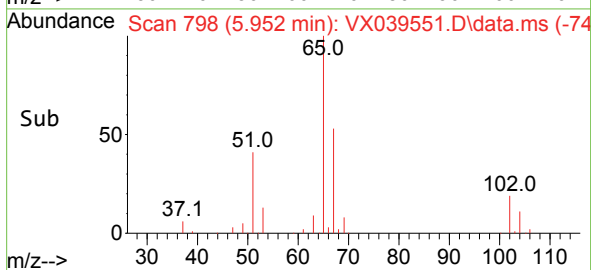
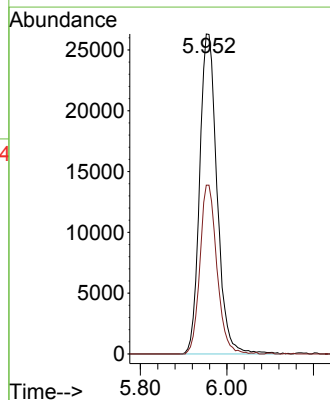
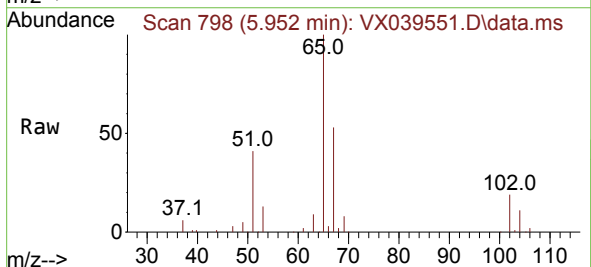
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

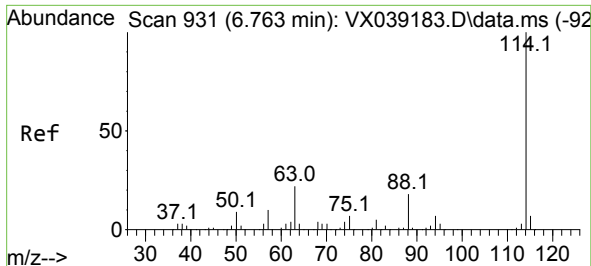
Tgt Ion:168 Resp: 81316
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.293 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 65 Resp: 73430
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

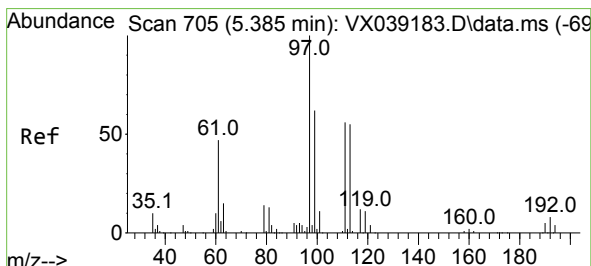
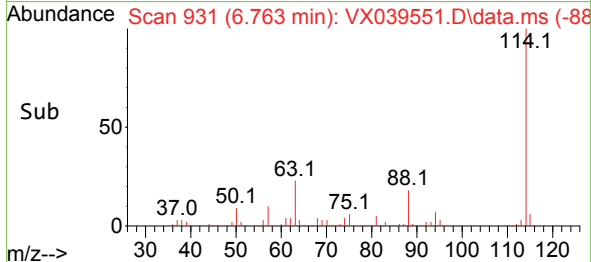
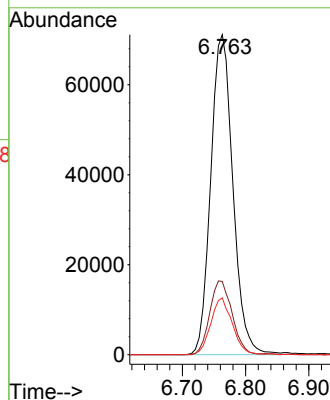
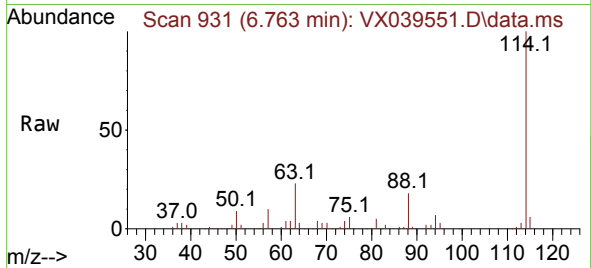




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

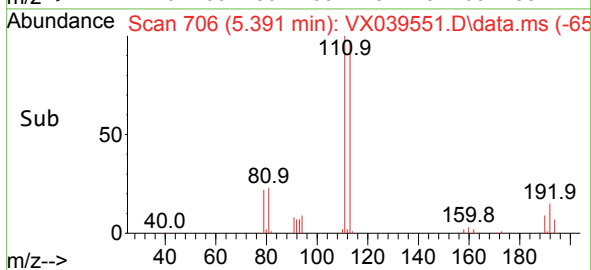
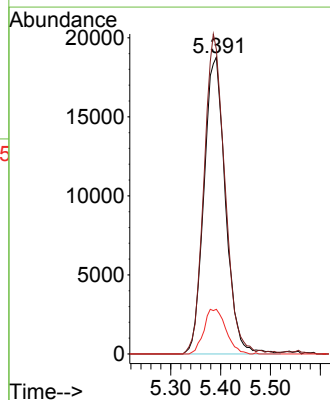
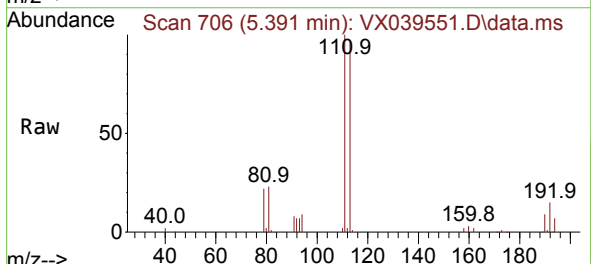
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MSVOA_X
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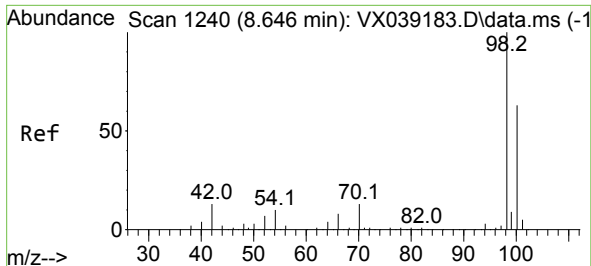
Tgt Ion:114 Resp: 172878
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.007 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion:113 Resp: 56156
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 15.4 13.3 19.9

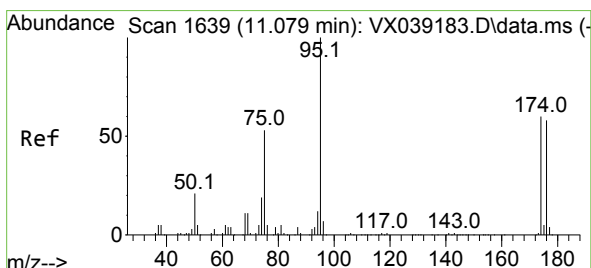
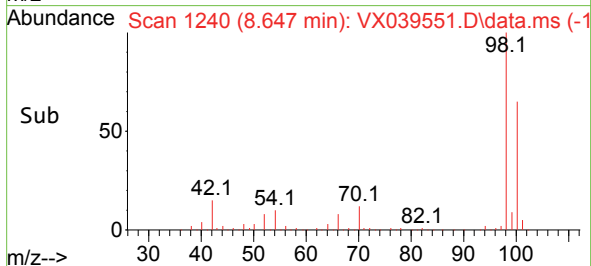
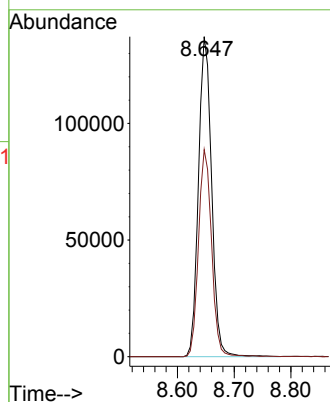
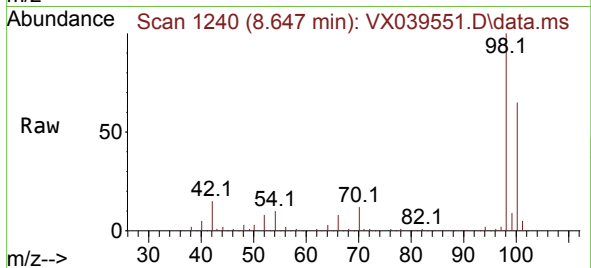




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

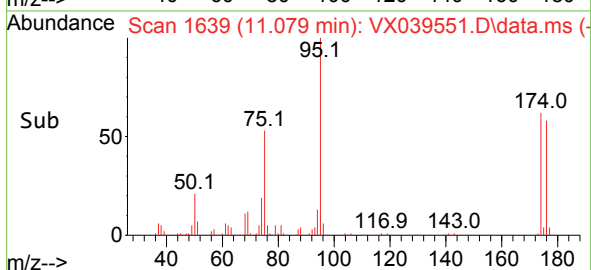
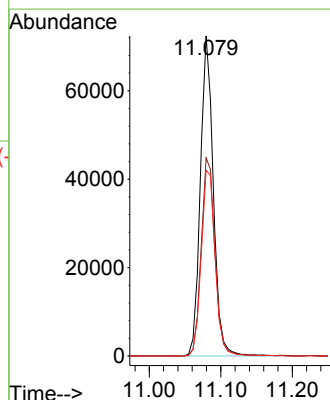
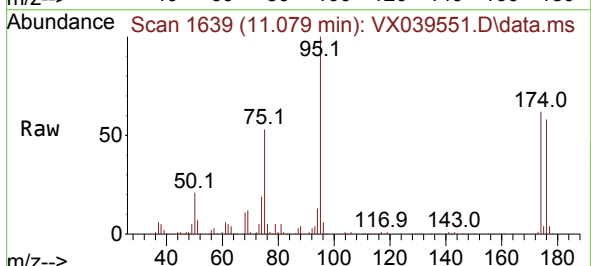
Instrument :
MSVOA_X
ClientSampleId :
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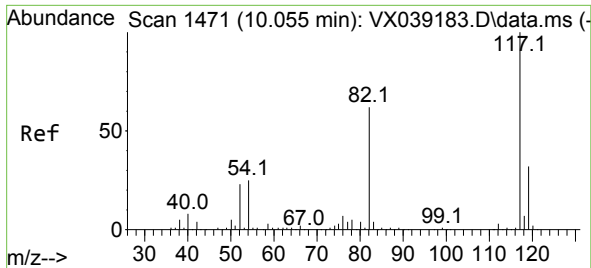
Tgt Ion: 98 Resp: 221028
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion: 95 Resp: 91070
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.3 0.0 131.0

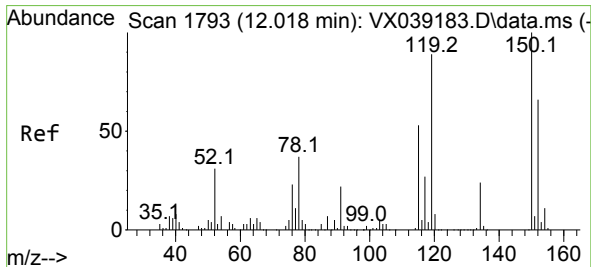
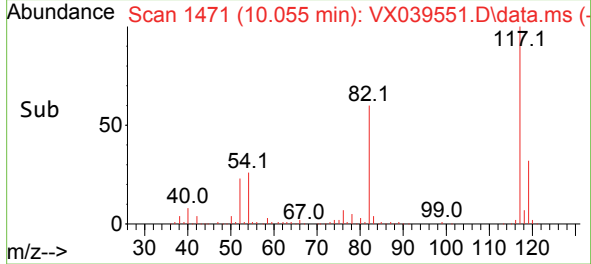
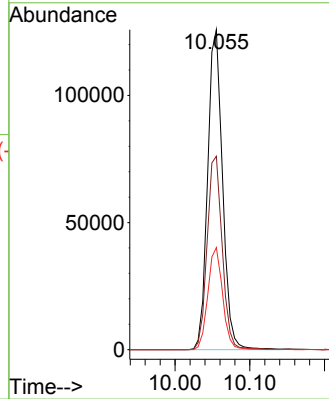
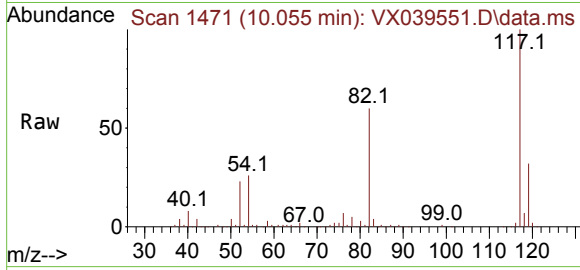




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

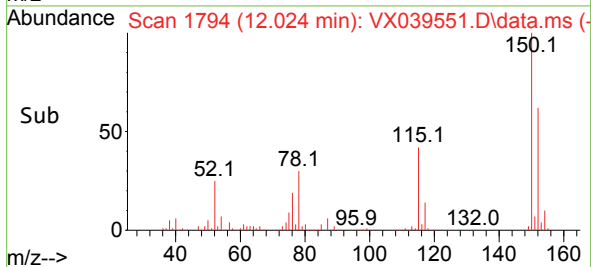
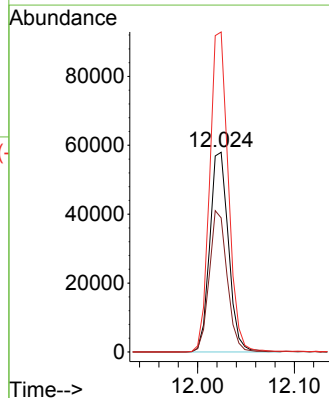
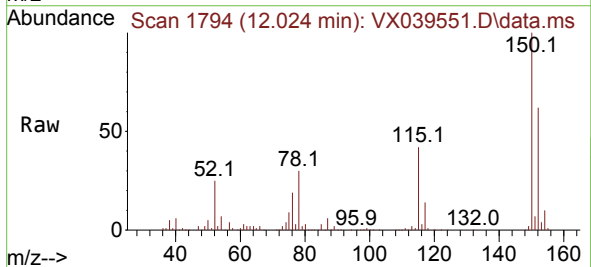
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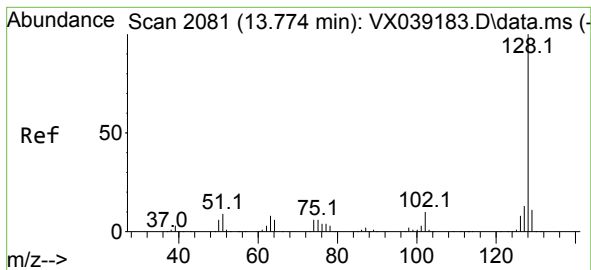
Tgt Ion:117 Resp: 174028
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VX039551.D
Acq: 29 Dec 2023 17:25

Tgt Ion:152 Resp: 77701
Ion Ratio Lower Upper
152 100
115 68.0 43.3 129.9
150 160.4 0.0 345.0





#95

Naphthalene

Concen: 2.942 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX039551.D

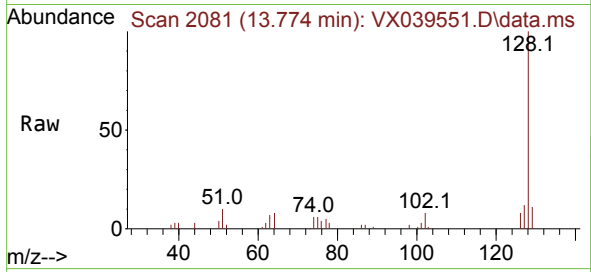
Acq: 29 Dec 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



Tgt Ion:128 Resp: 16720

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.4 8.8 13.2

