

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039470.D
 Acq On : 26 Dec 2023 16:12
 Operator : JC/MD
 Sample : 06019-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 27 04:39:55 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)

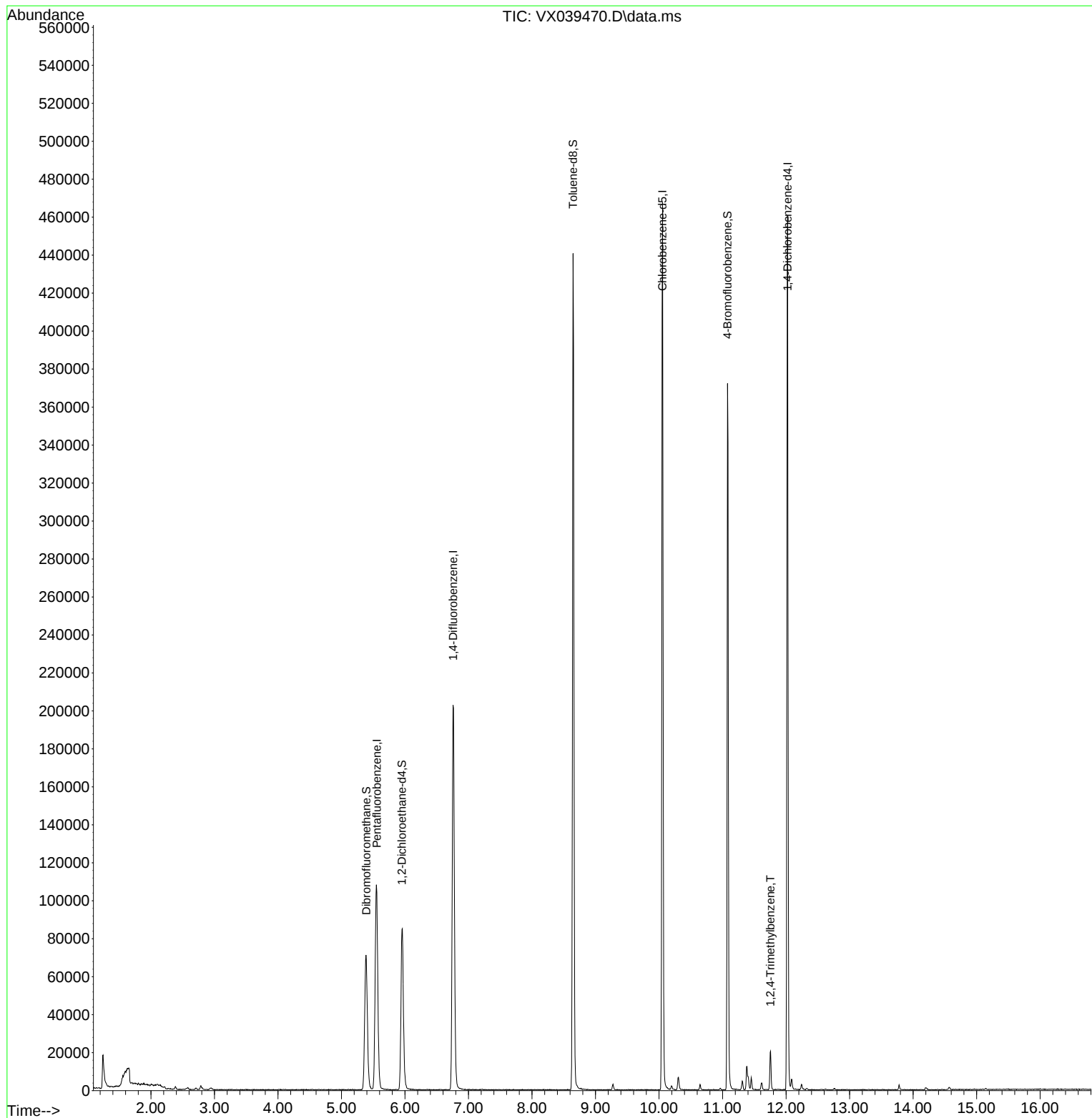
Internal Standards						
1) Pentafluorobenzene	5.556	168	94104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82390	47.792	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.580%
35) Dibromofluoromethane	5.391	113	63161	46.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	251661	49.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	103399	49.464	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.920%
Target Compounds						
84) 1,2,4-Trimethylbenzene	11.756	105	9703	1.672	ug/l	Qvalue 99

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

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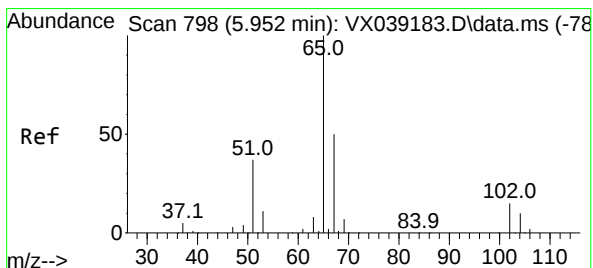
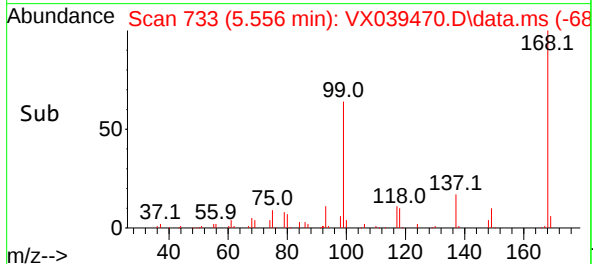
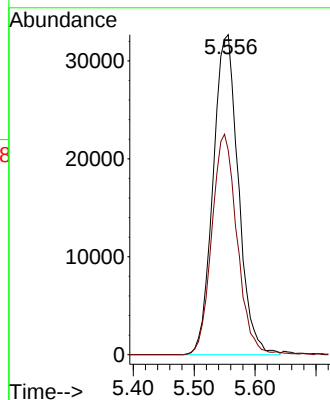
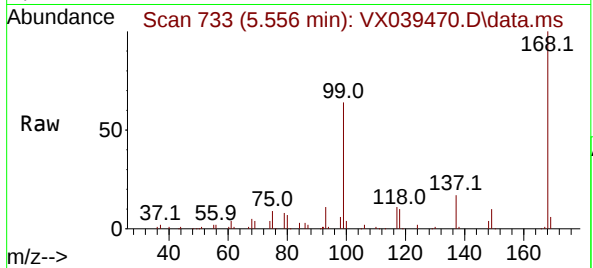




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

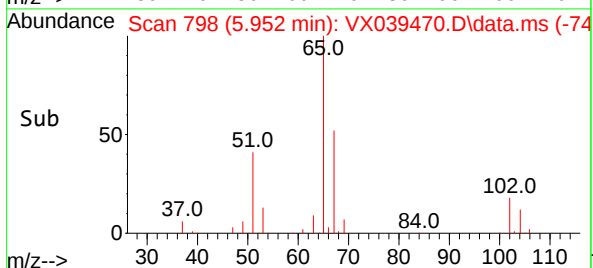
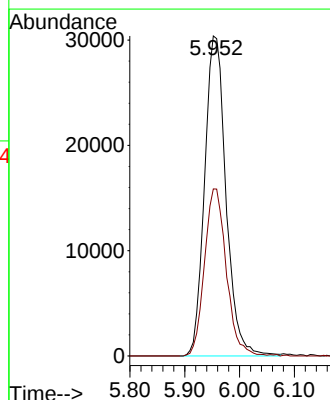
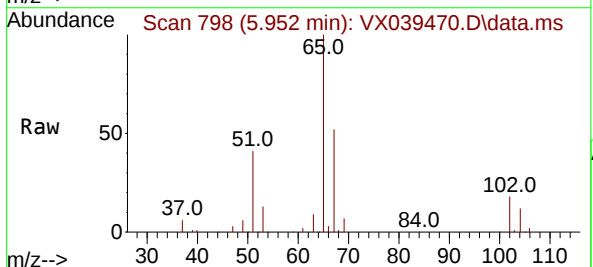
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 94104
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.792 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

Tgt Ion: 65 Resp: 82390
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

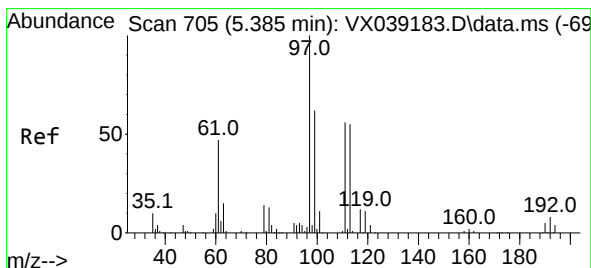
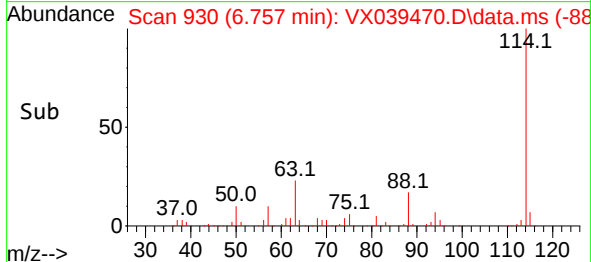
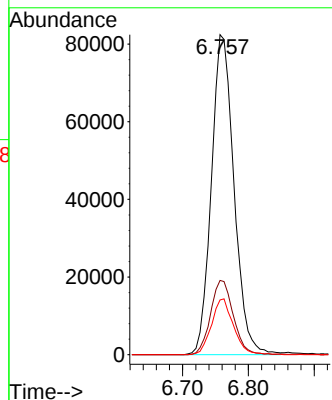
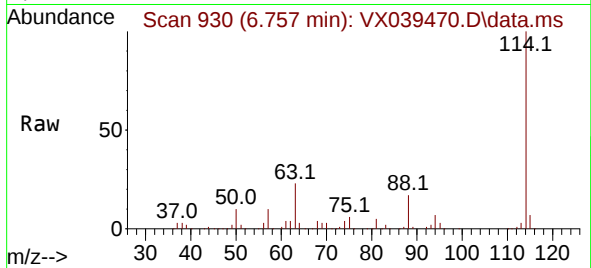




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

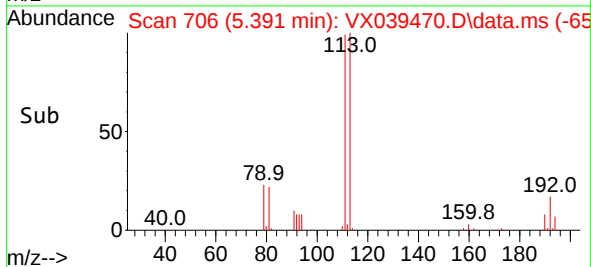
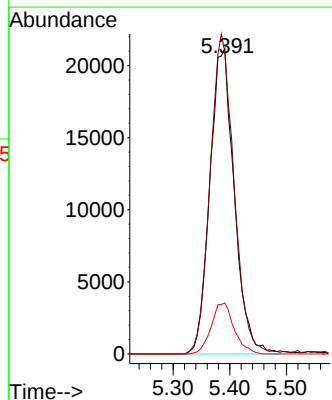
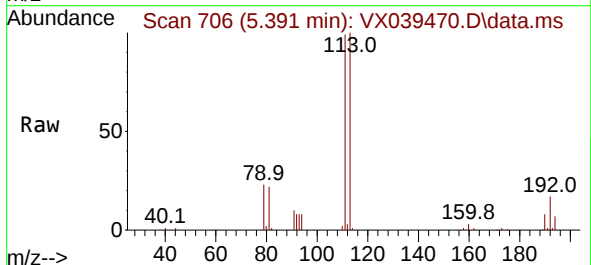
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 197538
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.282 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

Tgt Ion:113 Resp: 63161
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.7 13.3 19.9

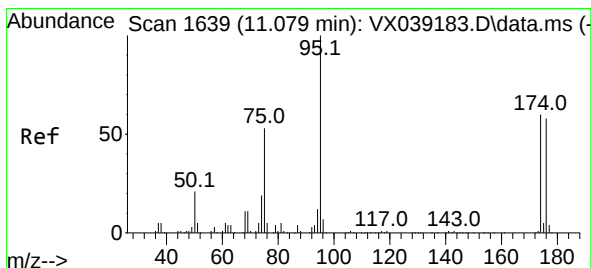
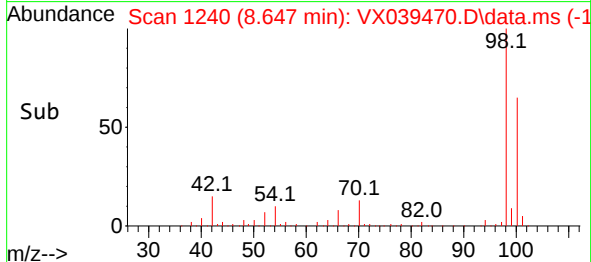
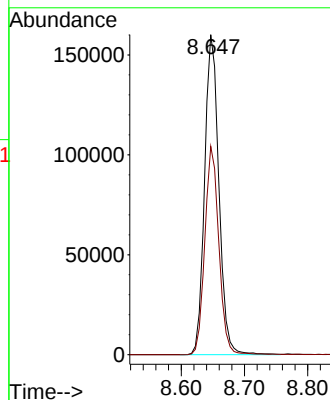
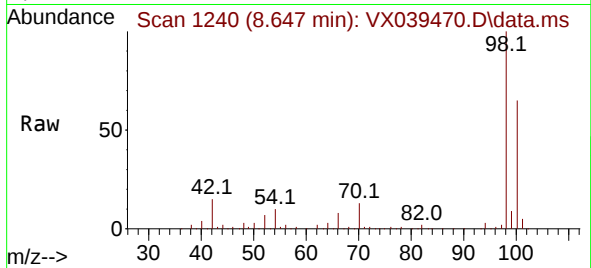




#50
Toluene-d8
Concen: 49.672 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

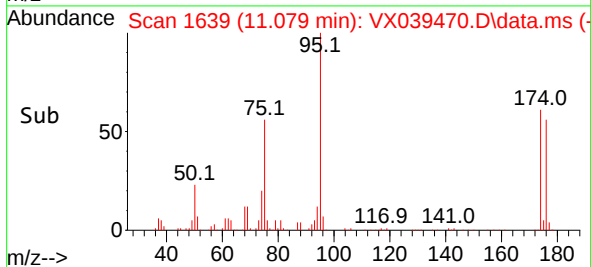
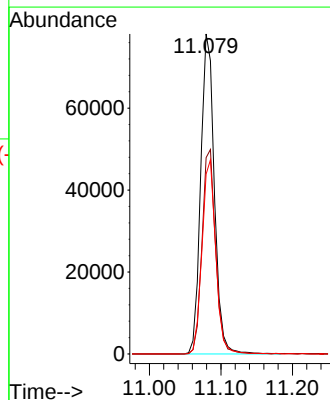
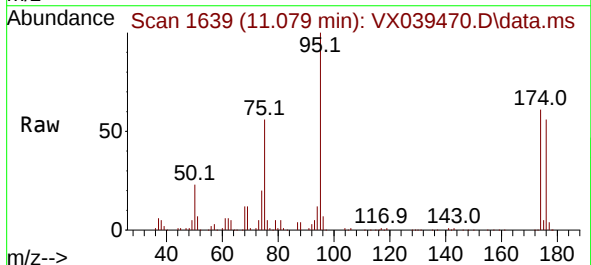
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

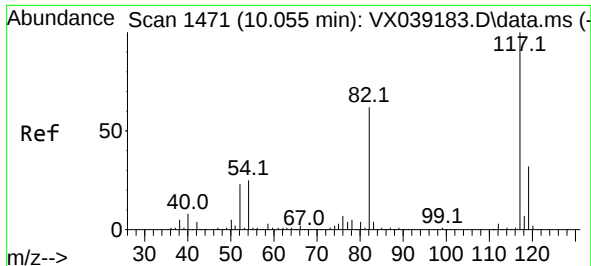
Tgt Ion: 98 Resp: 251661
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

Tgt Ion: 95 Resp: 103399
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 61.1 0.0 131.0

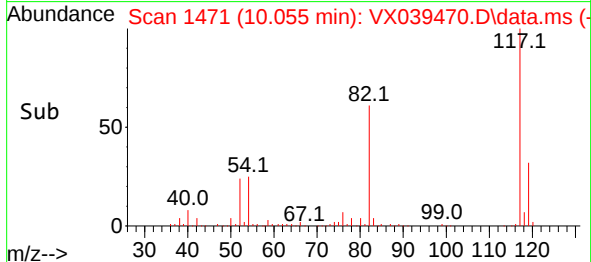
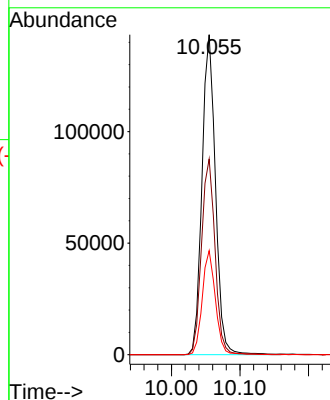
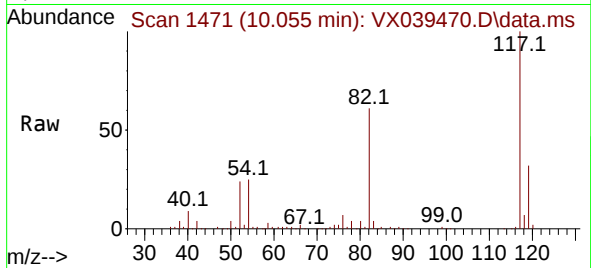




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

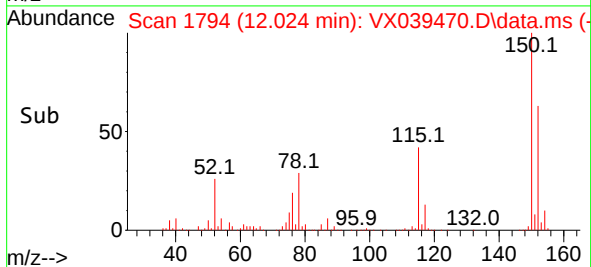
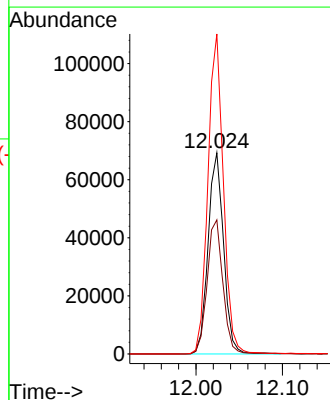
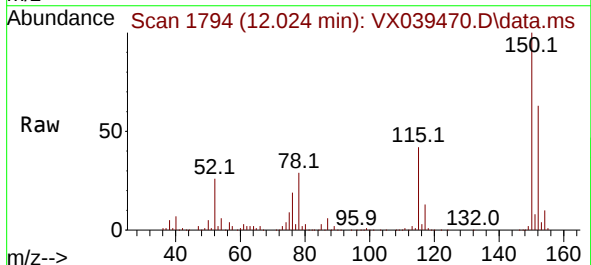
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

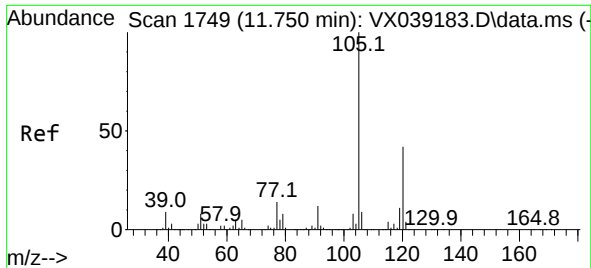
Tgt Ion:117 Resp: 196811
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039470.D
Acq: 26 Dec 2023 16:12

Tgt Ion:152 Resp: 86095
Ion Ratio Lower Upper
152 100
115 67.7 43.3 129.9
150 158.4 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.672 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039470.D
 Acq: 26 Dec 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion:105 Resp: 9703
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.2 63.6

