

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101624\
 Data File : VX043421.D
 Acq On : 16 Oct 2024 15:36
 Operator : JC/MD
 Sample : P4417-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HOPPER-B-WATER

Quant Time: Oct 17 01:54:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

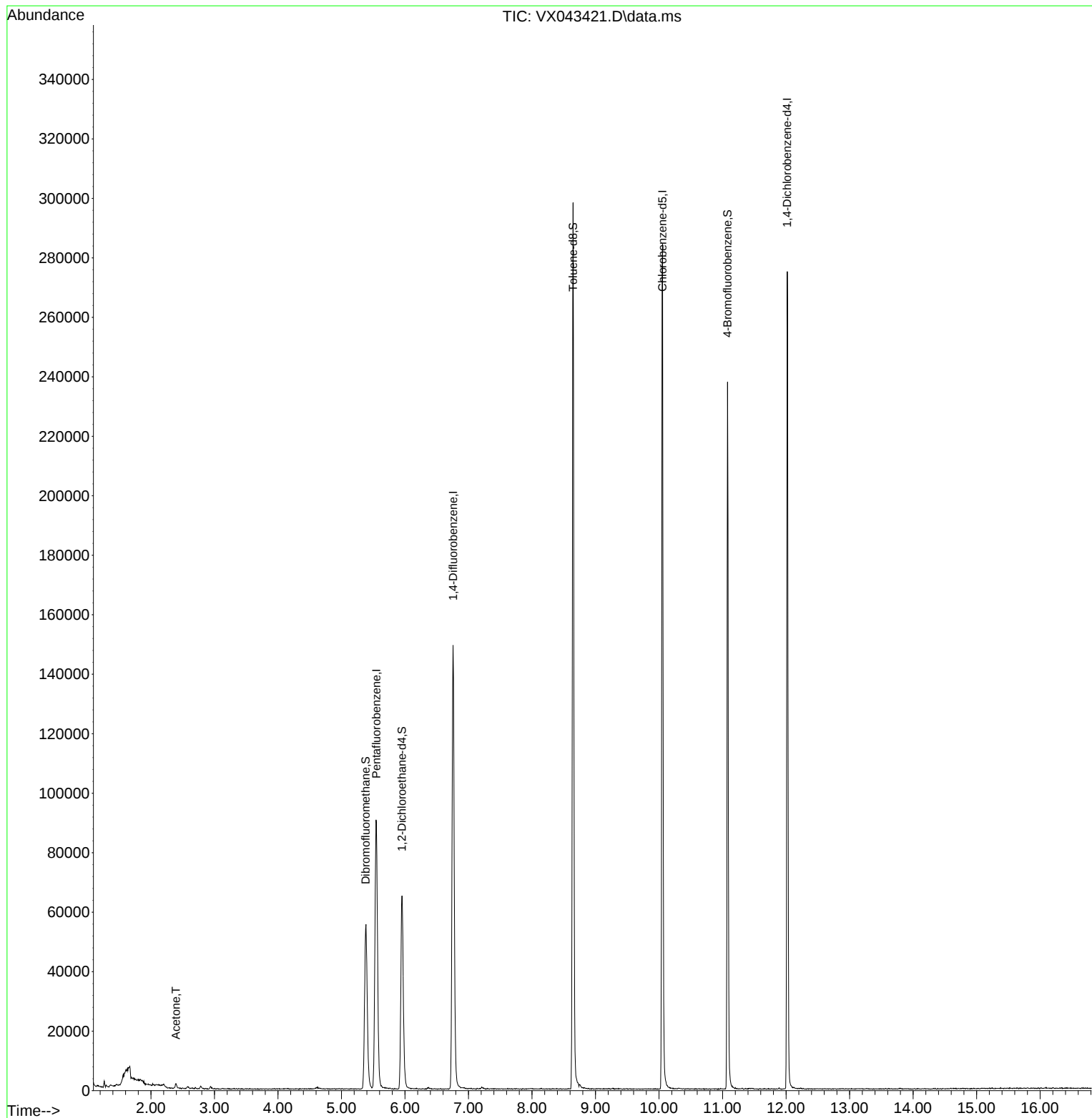
Internal Standards						
1) Pentafluorobenzene	5.550	168	81267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67331	50.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.460%
35) Dibromofluoromethane	5.379	113	48812	46.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	176898	49.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	63947	48.819	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.640%
Target Compounds						
16) Acetone	2.392	43	2028	3.659	ug/l	Qvalue # 85

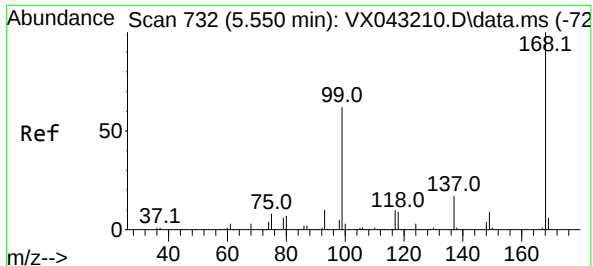
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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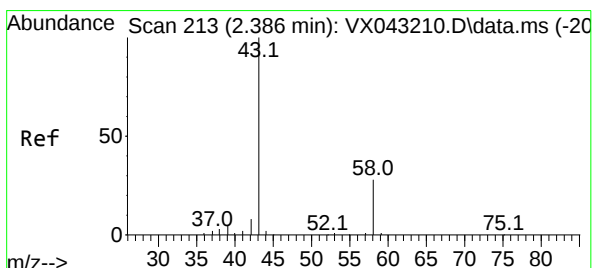
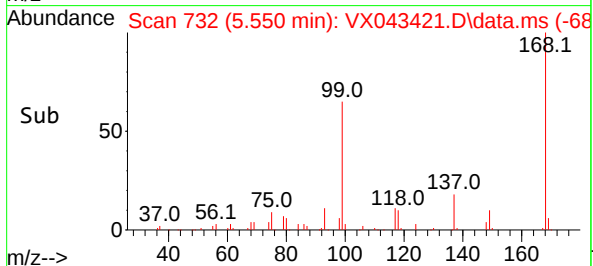
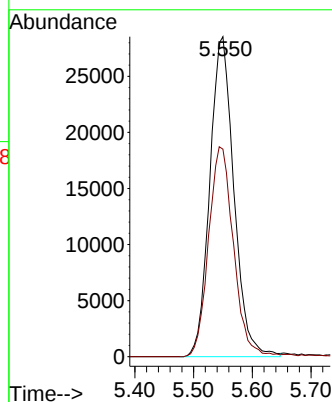
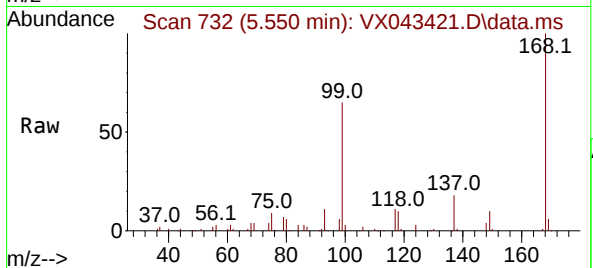




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

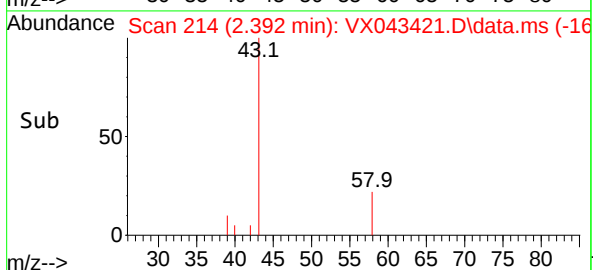
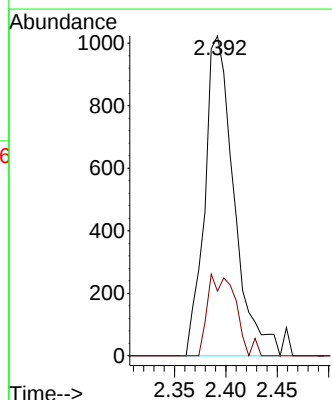
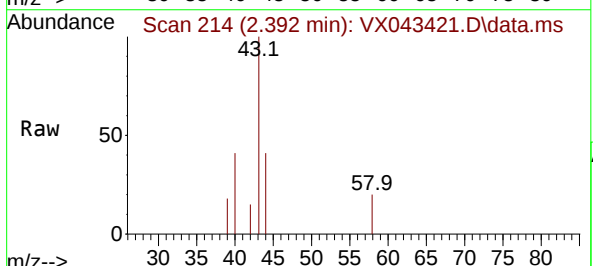
Instrument :
MSVOA_X
ClientSampleId :
HOPPER-B-WATER

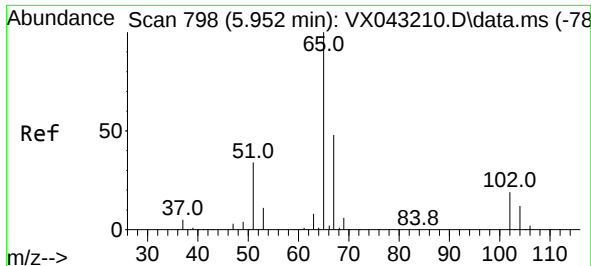
Tgt Ion:168 Resp: 81267
Ion Ratio Lower Upper
168 100
99 64.9 49.7 74.5



#16
Acetone
Concen: 3.659 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

Tgt Ion: 43 Resp: 2028
Ion Ratio Lower Upper
43 100
58 20.2 22.6 33.8#

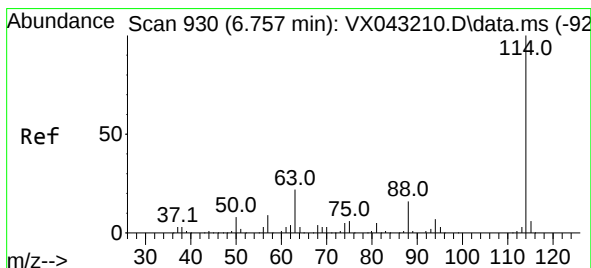
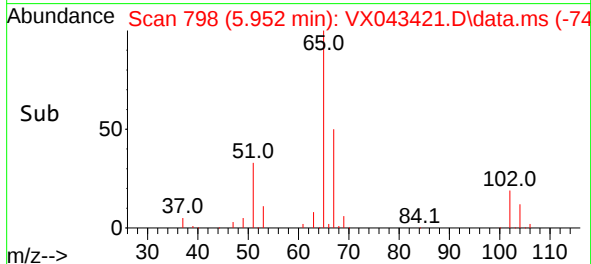
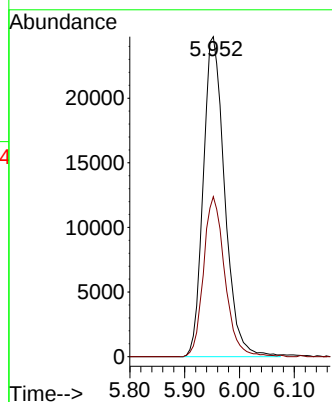
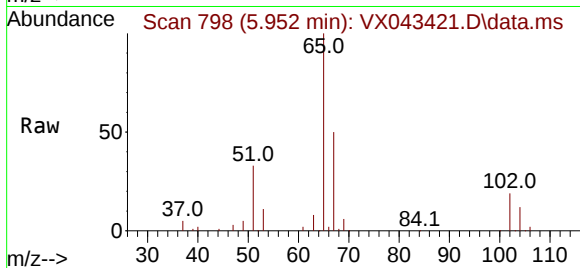




#33
1,2-Dichloroethane-d4
Concen: 50.731 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

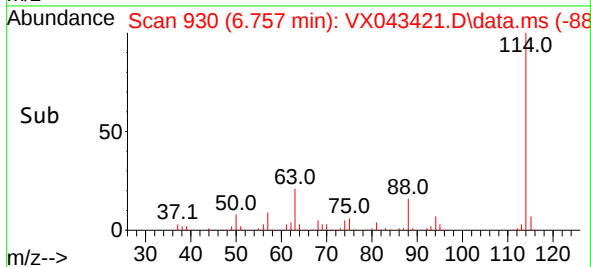
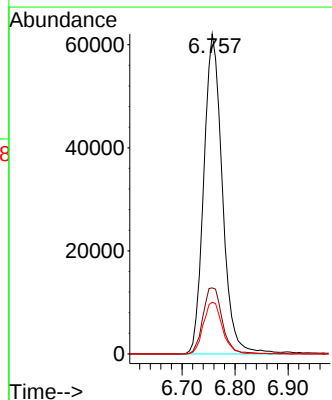
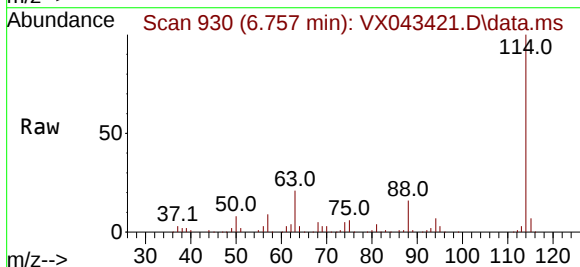
Instrument :
MSVOA_X
ClientSampleId :
HOPPER-B-WATER

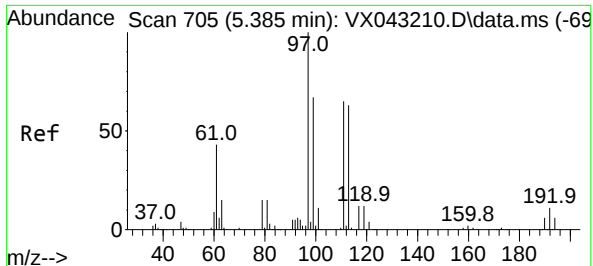
Tgt Ion: 65 Resp: 67331
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

Tgt Ion: 114 Resp: 150867
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.0
88 16.2 0.0 33.0

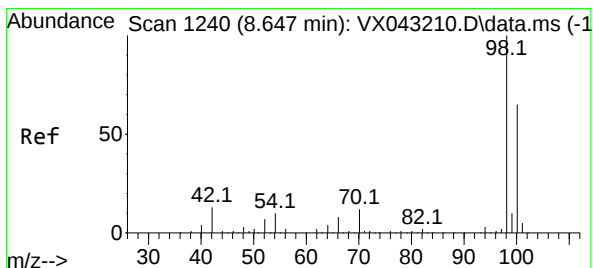
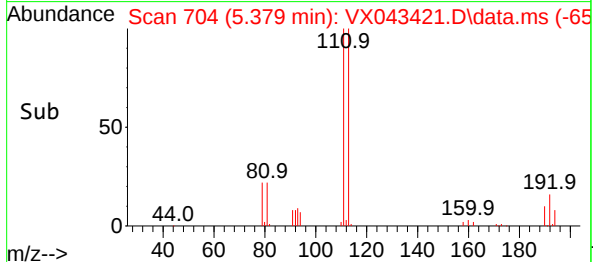
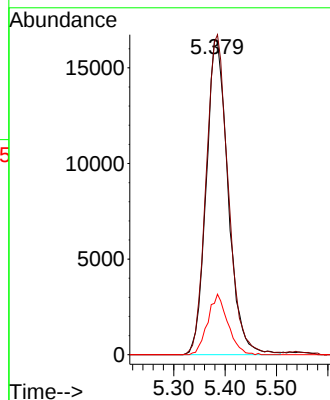
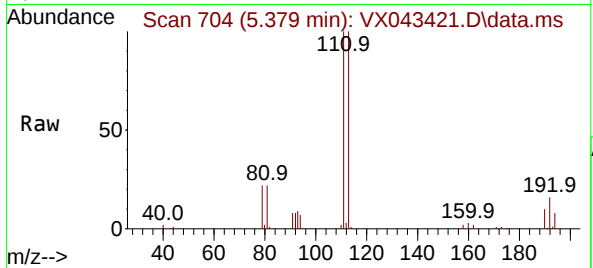




#35
Dibromofluoromethane
Concen: 46.915 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

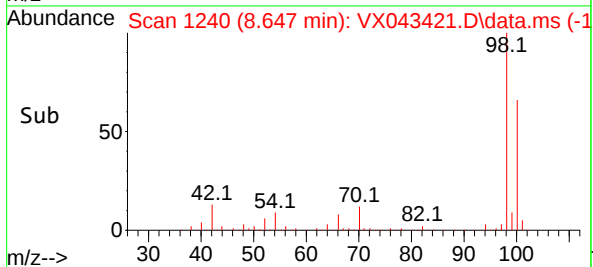
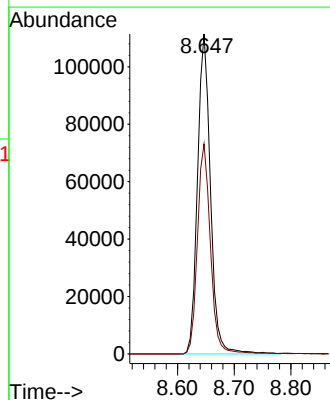
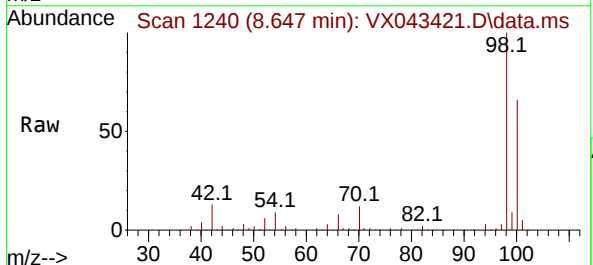
Instrument :
MSVOA_X
ClientSampleId :
HOPPER-B-WATER

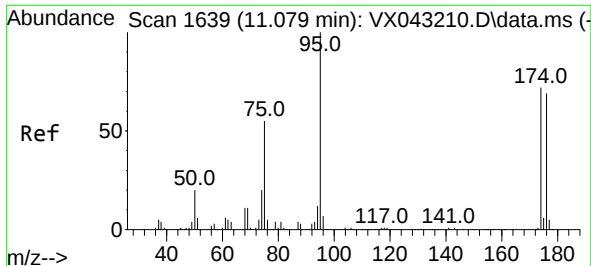
Tgt Ion:113 Resp: 48812
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 17.7 14.1 21.1



#50
Toluene-d8
Concen: 49.062 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

Tgt Ion: 98 Resp: 176898
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

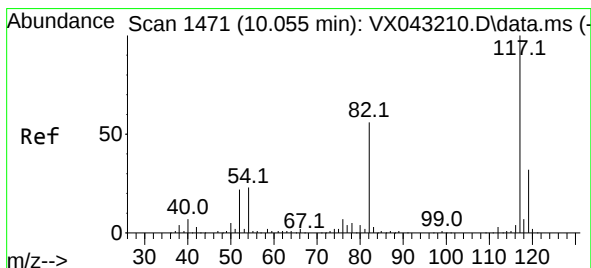
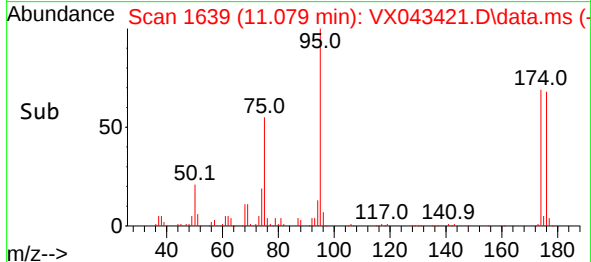
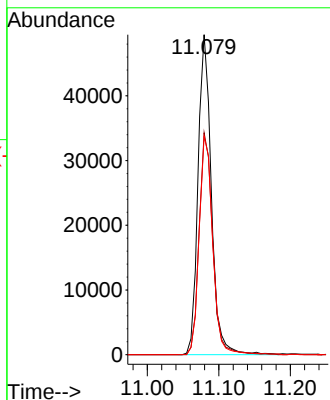
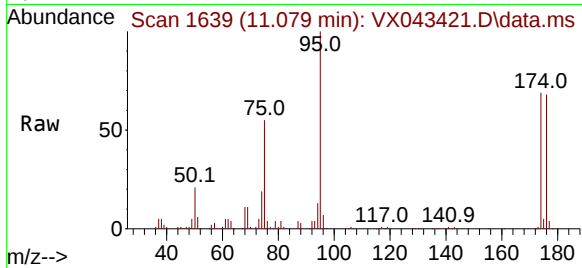




#62
4-Bromofluorobenzene
Concen: 48.819 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

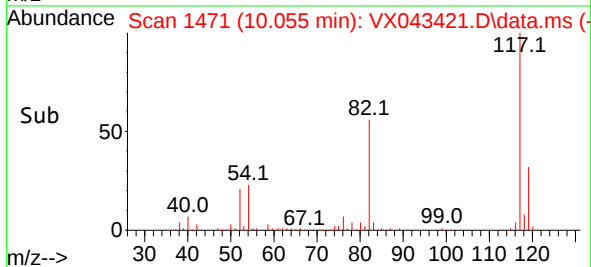
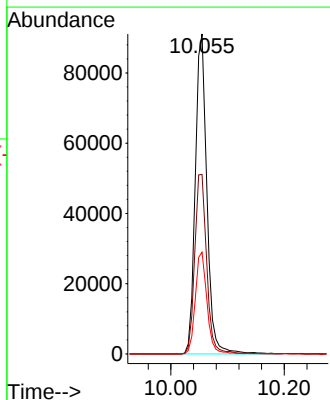
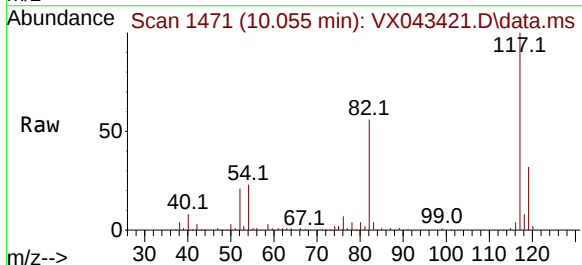
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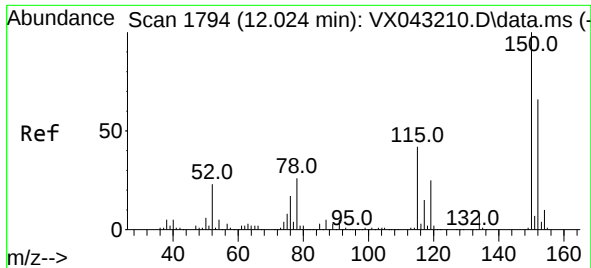
Tgt Ion: 95 Resp: 63947
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.0
176 69.9 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043421.D
Acq: 16 Oct 2024 15:36

Tgt Ion: 117 Resp: 129885
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.6
119 31.8 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX043421.D

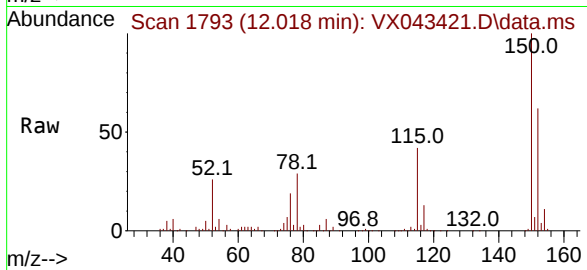
Acq: 16 Oct 2024 15:36

Instrument :

MSVOA_X

ClientSampleId :

HOPPER-B-WATER



Tgt Ion:152 Resp: 56501

Ion Ratio Lower Upper

152 100

115 64.2 44.1 132.3

150 159.2 0.0 347.4

