

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035566.D
 Acq On : 08 May 2023 17:34
 Operator : JC/MD
 Sample : 02660-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-SAMPLE-API-3-6

Quant Time: May 09 03:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

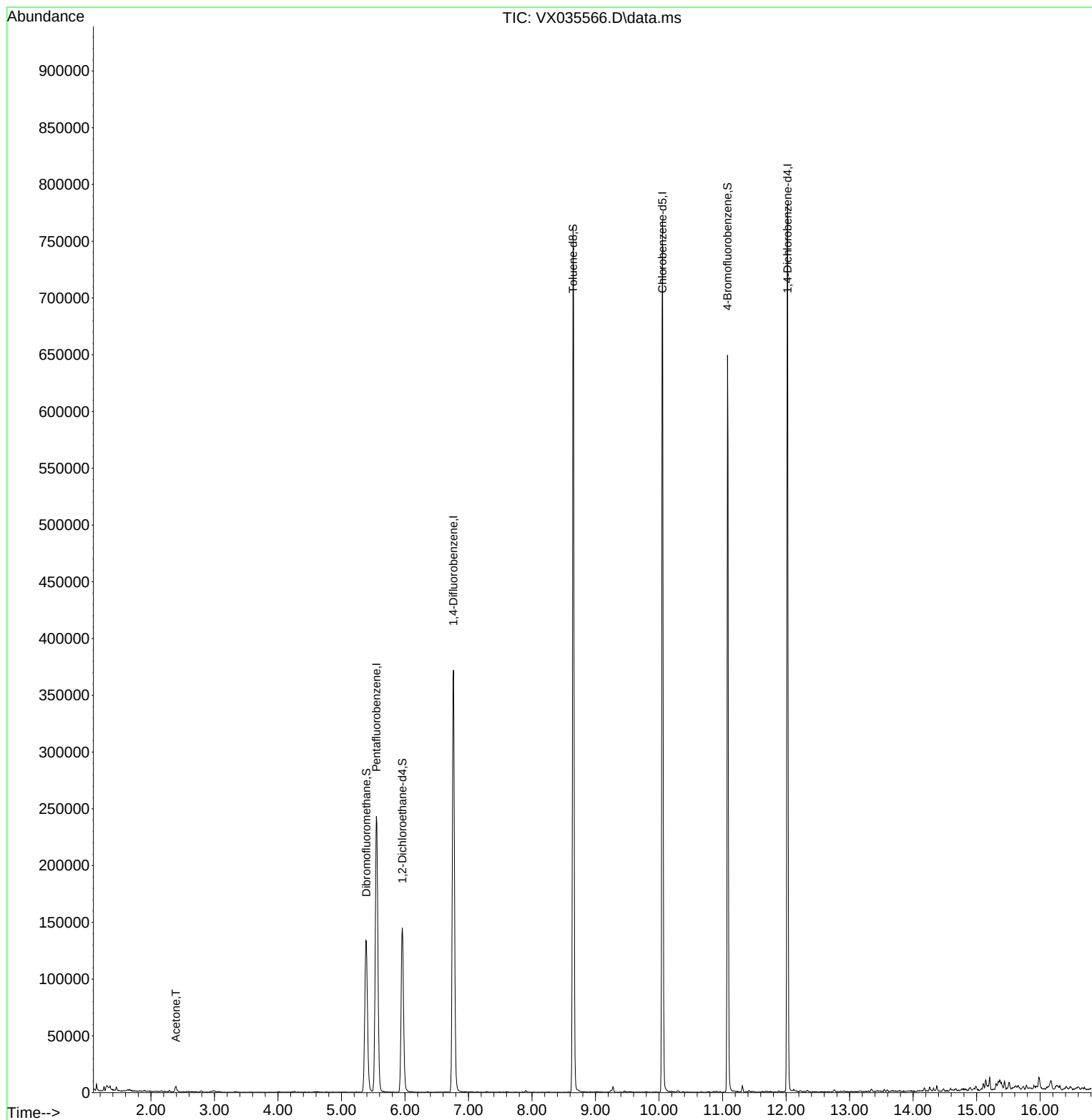
Internal Standards						
1) Pentafluorobenzene	5.550	168	238553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142204	49.411	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	121402	50.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	8.647	98	451498	49.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	173198	50.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%
Target Compounds						
16) Acetone	2.392	43	6241	4.993	ug/l	Qvalue # 85

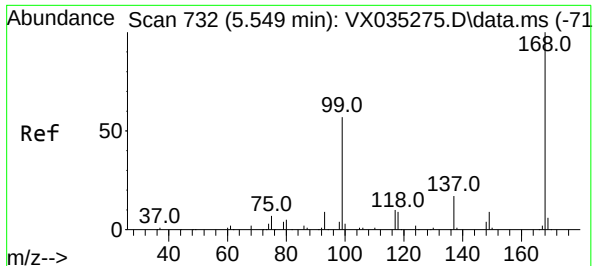
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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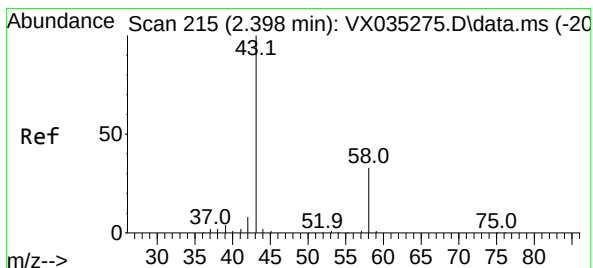
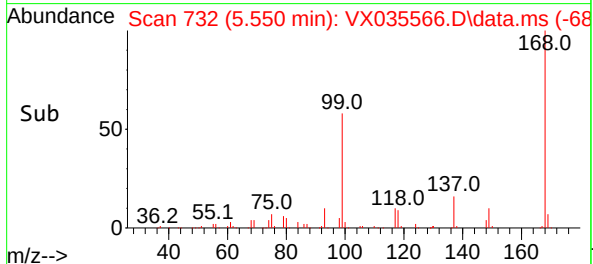
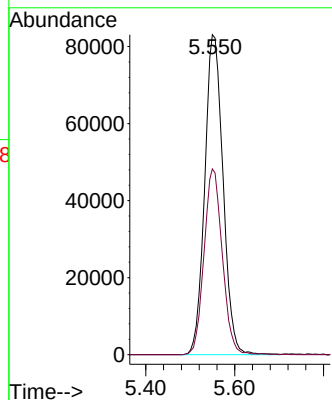
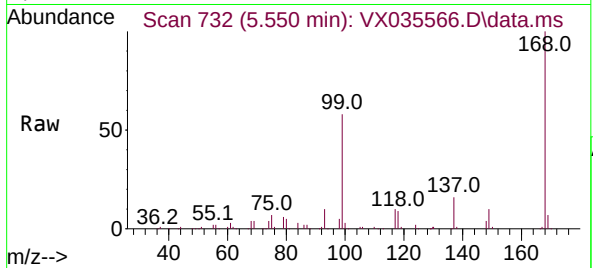




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

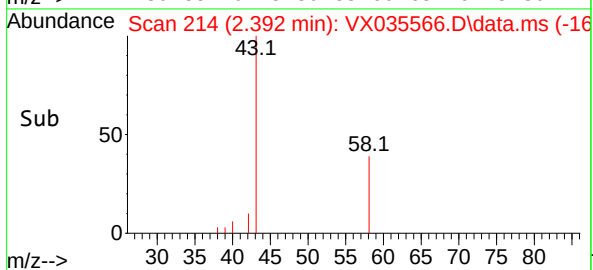
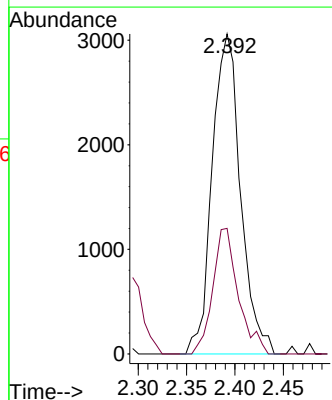
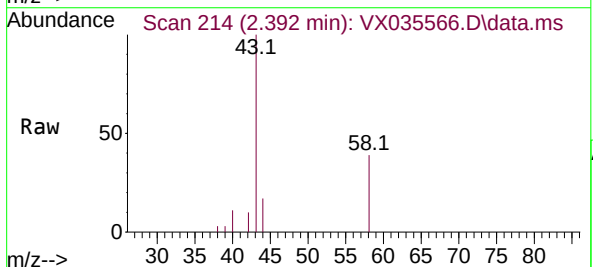
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

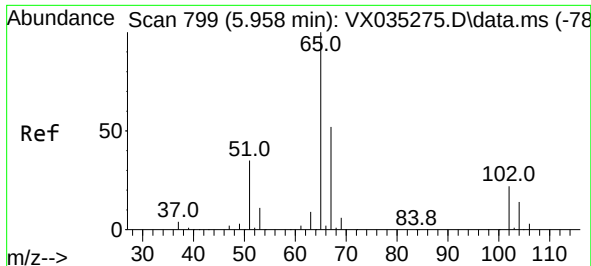
Tgt Ion:168 Resp: 238553
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#16
Acetone
Concen: 4.993 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 43 Resp: 6241
Ion Ratio Lower Upper
43 100
58 39.2 24.7 37.1#

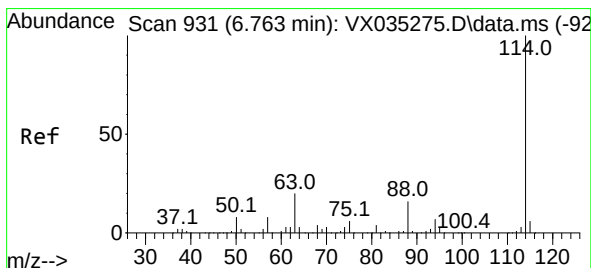
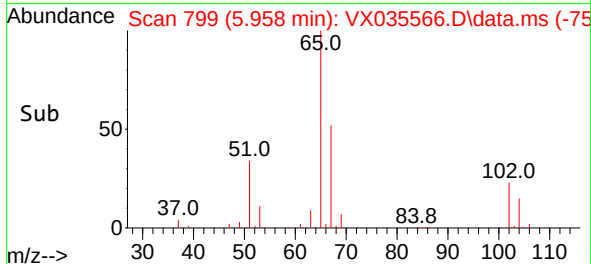
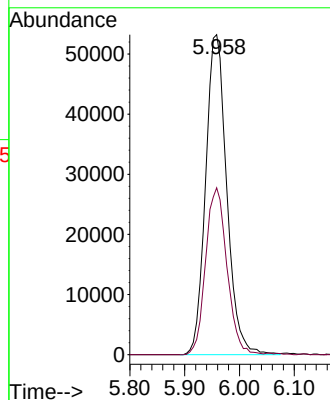
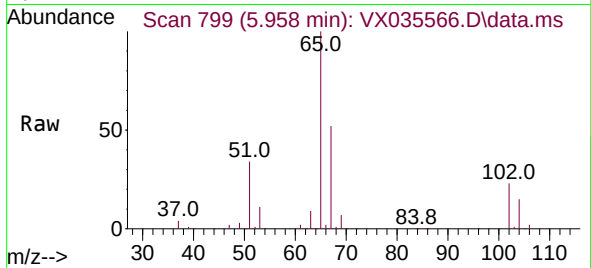




#33
 1,2-Dichloroethane-d4
 Concen: 49.411 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035566.D
 Acq: 08 May 2023 17:34

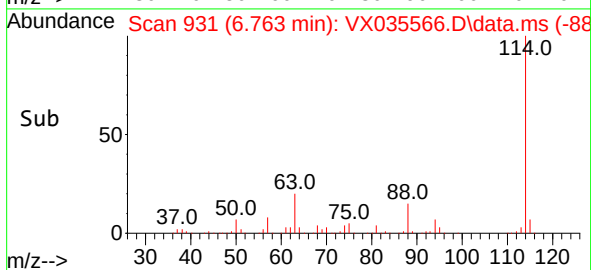
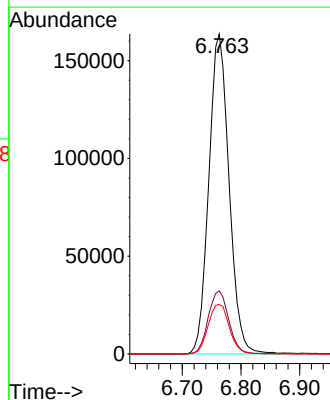
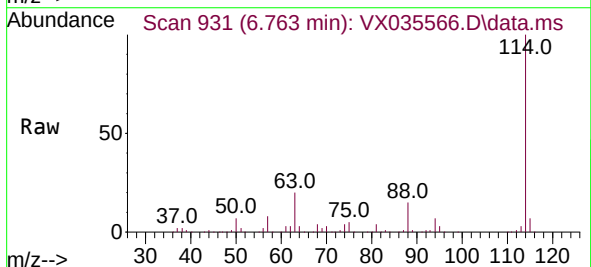
Instrument :
 MSVOA_X
 ClientSampleId :
 WATER-SAMPLE-API-3-6

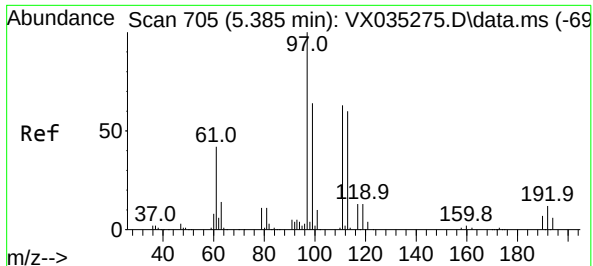
Tgt Ion: 65 Resp: 142204
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035566.D
 Acq: 08 May 2023 17:34

Tgt Ion: 114 Resp: 391699
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.2
 88 15.4 0.0 33.2

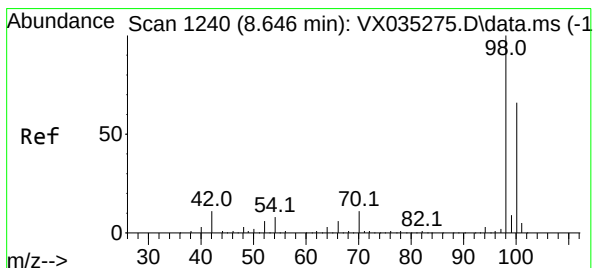
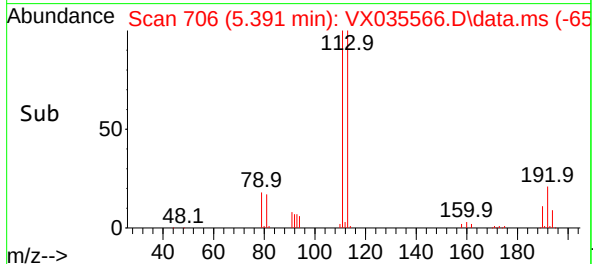
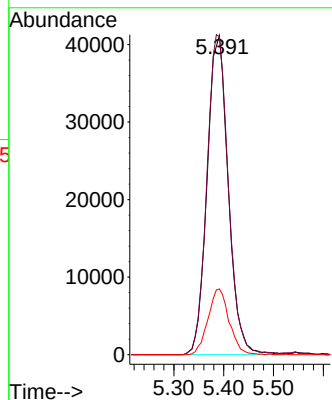
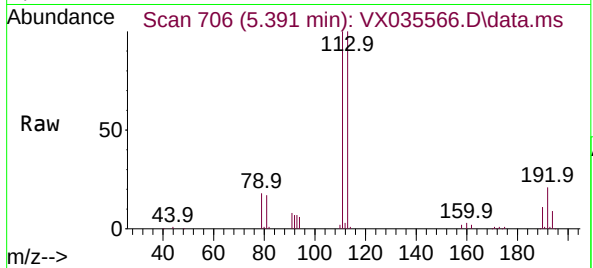




#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

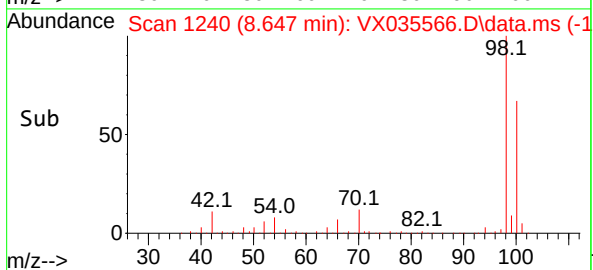
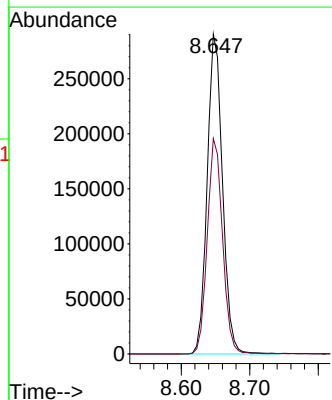
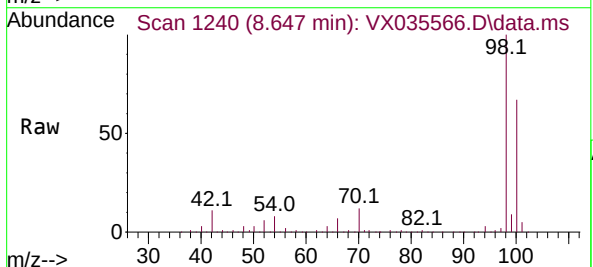
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

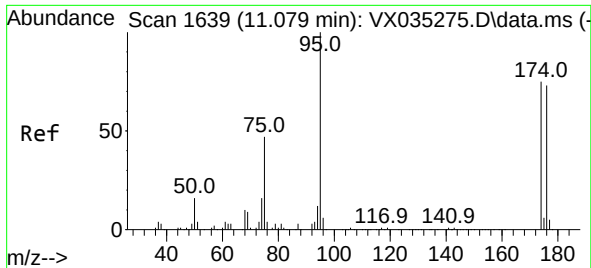
Tgt Ion:113 Resp: 121402
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 20.5 15.4 23.2



#50
Toluene-d8
Concen: 49.784 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 98 Resp: 451498
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7

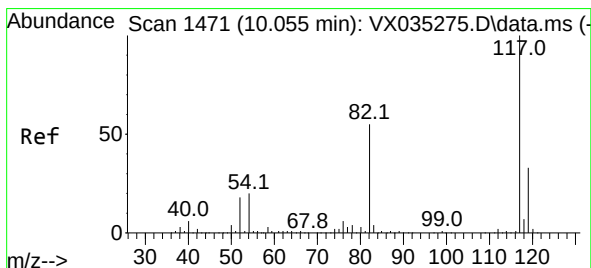
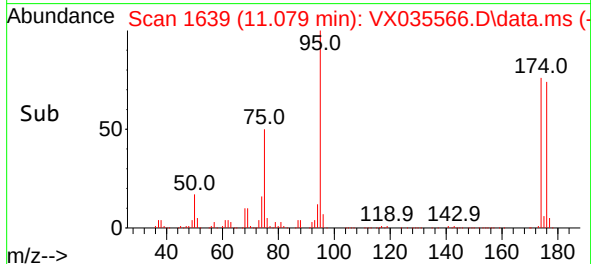
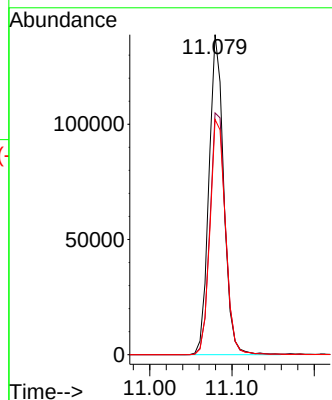
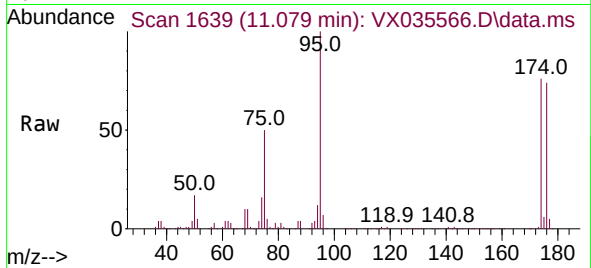




#62
4-Bromofluorobenzene
Concen: 50.766 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

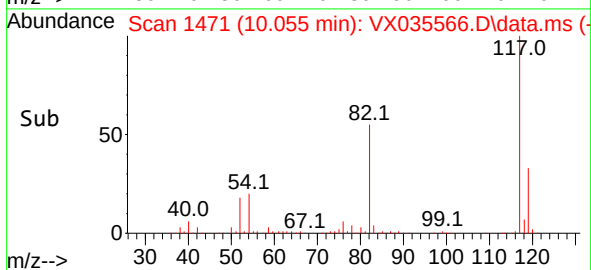
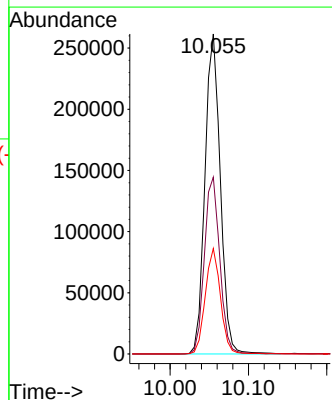
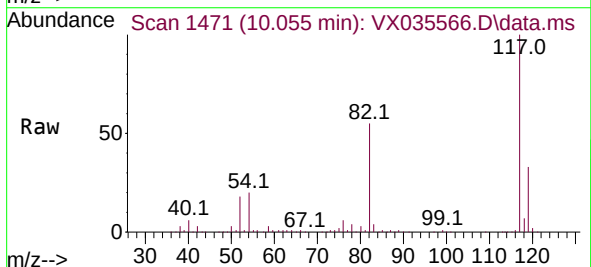
Instrument :
MSVOA_X
ClientSampleId :
WATER-SAMPLE-API-3-6

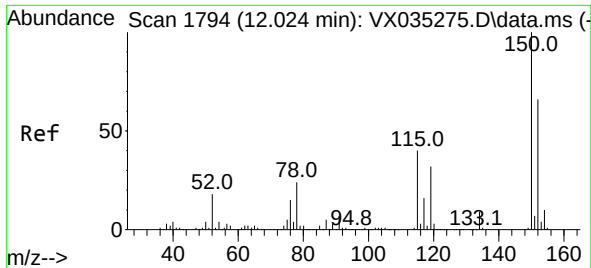
Tgt Ion: 95 Resp: 173198
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 77.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035566.D
Acq: 08 May 2023 17:34

Tgt Ion: 117 Resp: 356102
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 33.0 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035566.D

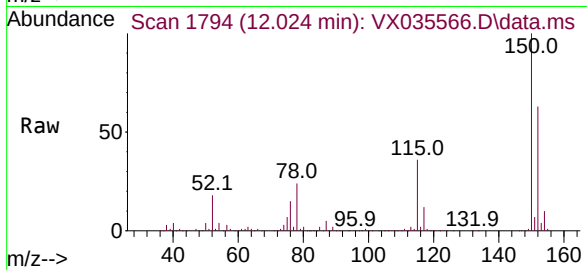
Acq: 08 May 2023 17:34

Instrument :

MSVOA_X

ClientSampleId :

WATER-SAMPLE-API-3-6



Tgt Ion:152 Resp: 171450

Ion Ratio Lower Upper

152 100

115 60.0 45.0 135.0

150 157.9 0.0 352.4

