

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044315.D
 Acq On : 16 Dec 2024 11:52
 Operator : JC/MD
 Sample : P5288-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-5

Quant Time: Dec 17 00:47:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	120776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100290	47.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	5.379	113	73453	47.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	8.647	98	271852	52.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.260%
62) 4-Bromofluorobenzene	11.079	95	88406	48.519	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.040%

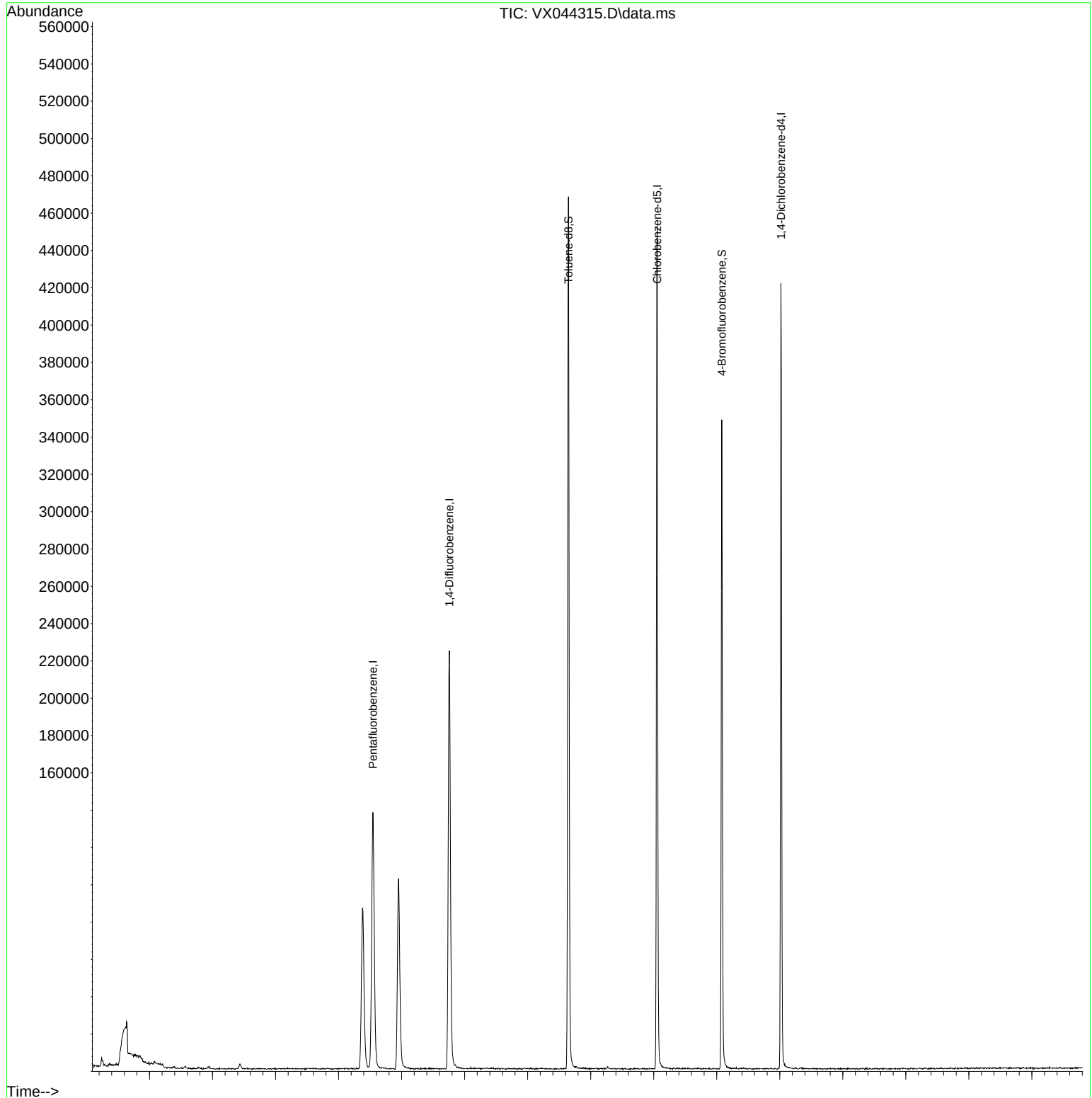
Target Compounds Qvalue

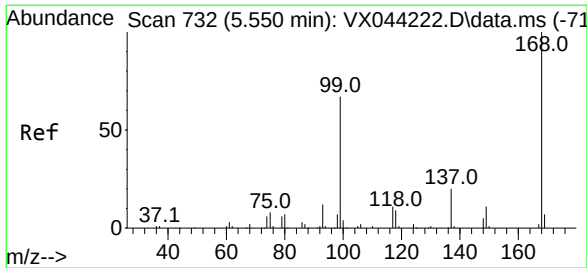
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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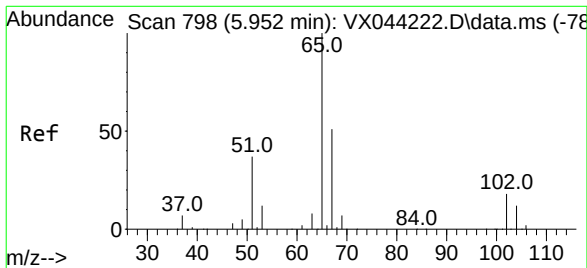
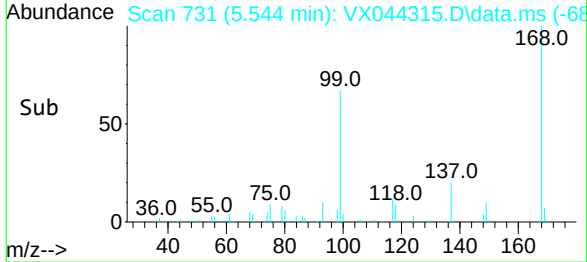
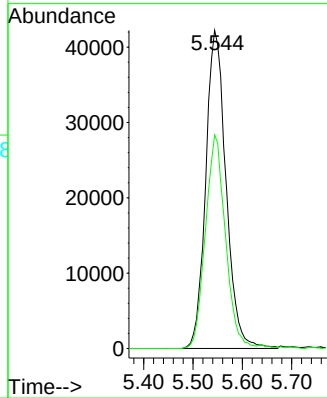
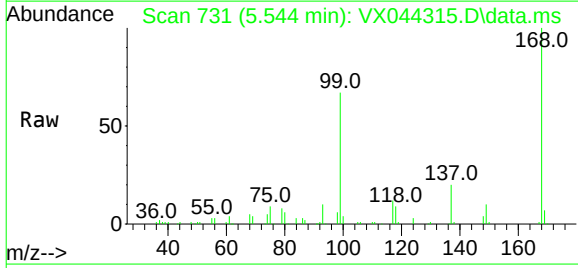




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

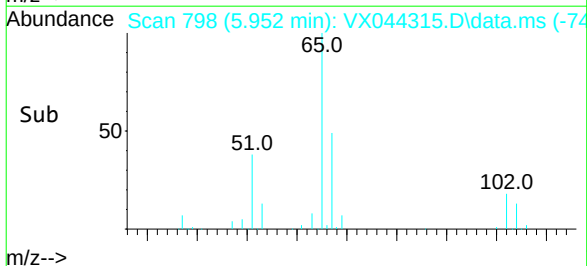
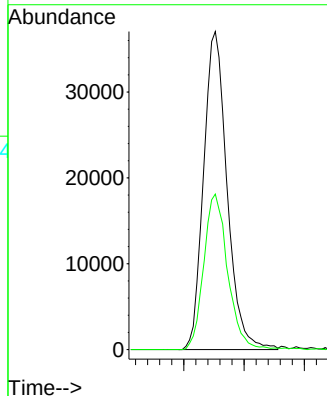
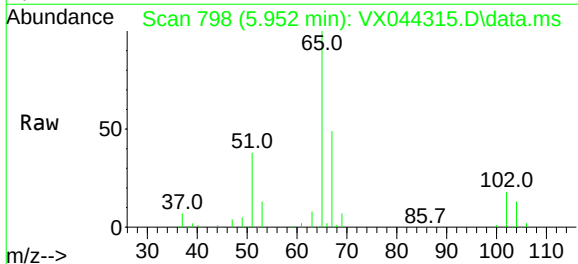
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

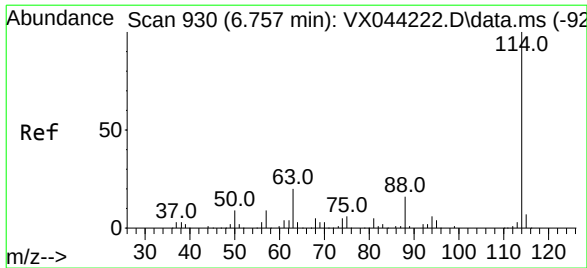
Tgt Ion:168 Resp: 120776
Ion Ratio Lower Upper
168 100
99 67.1 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 47.360 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion: 65 Resp: 100290
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6

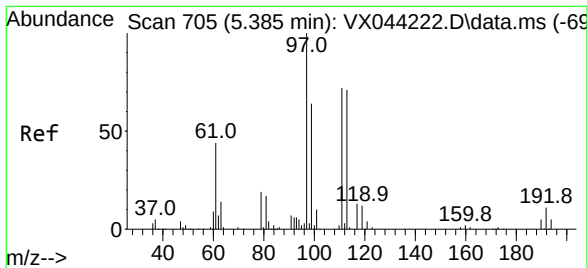
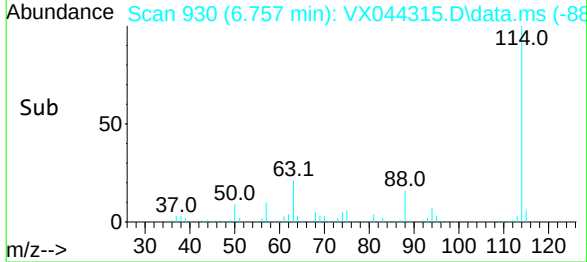
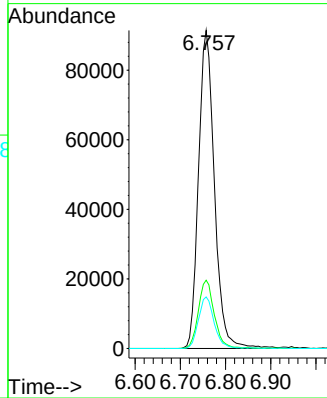
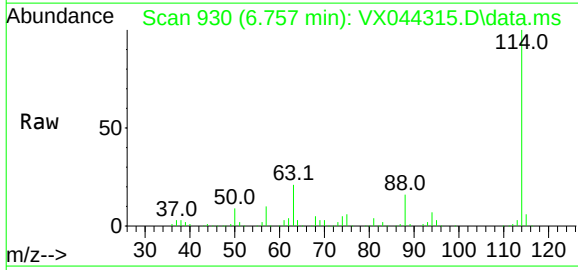




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. 0.000 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

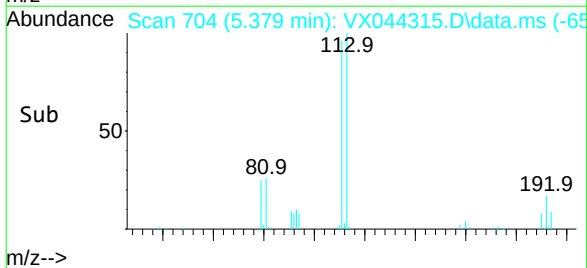
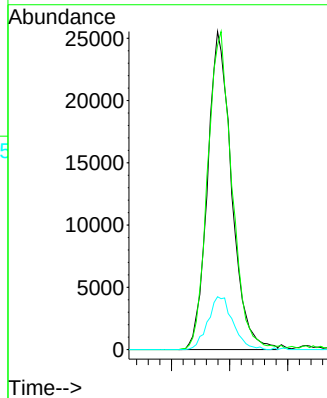
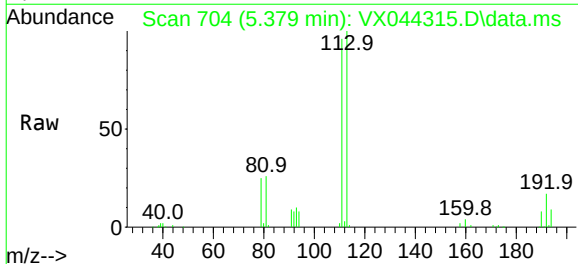
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-5

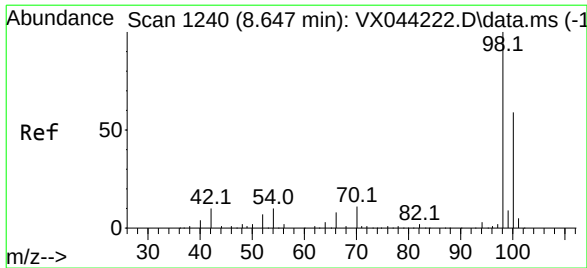
Tgt Ion:	114	Resp:	223167
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.6
88	16.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044315.D
Acq: 16 Dec 2024 11:52

Tgt Ion:	113	Resp:	73453
Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.4	120.6
192	17.2	13.3	19.9





#50

Toluene-d8

Concen: 52.134 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

Instrument :

MSVOA_X

ClientSampleId :

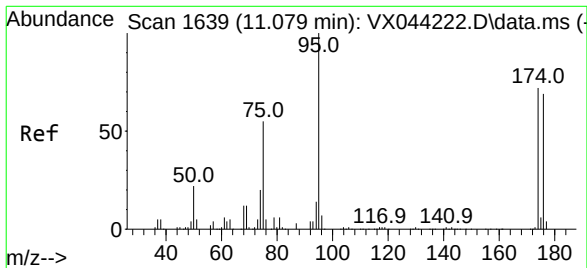
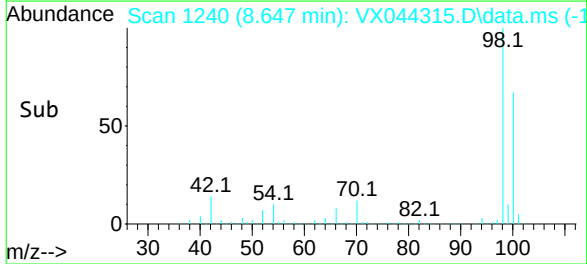
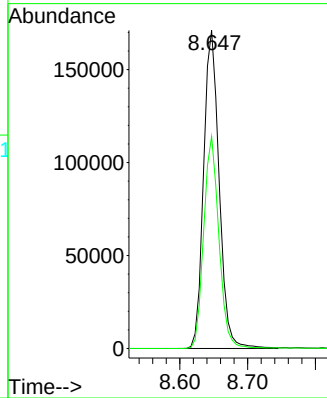
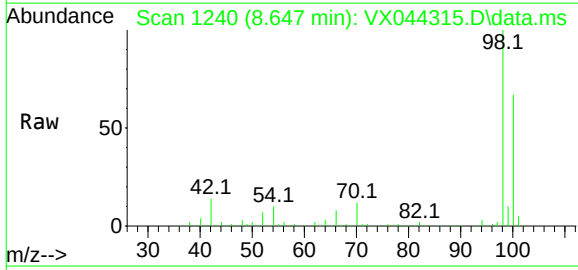
Storage-Blank-WATER-REF-5

Tgt Ion: 98 Resp: 271852

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 48.519 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

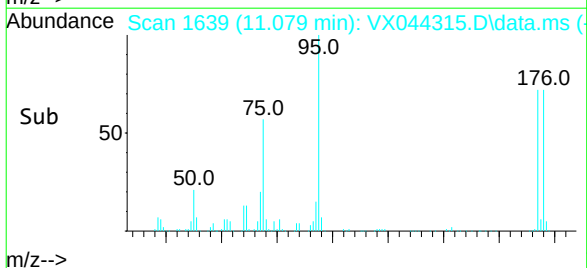
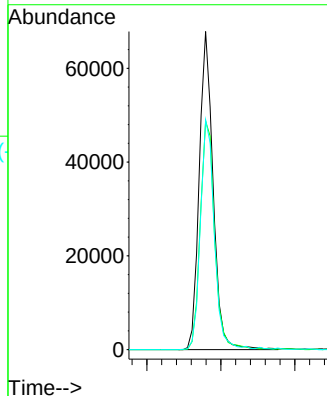
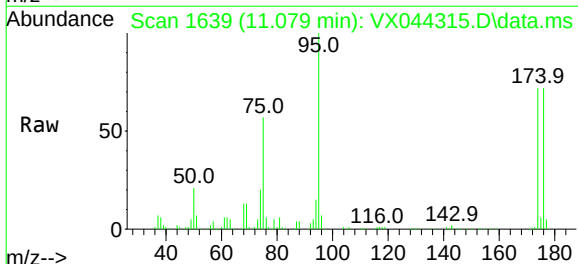
Tgt Ion: 95 Resp: 88406

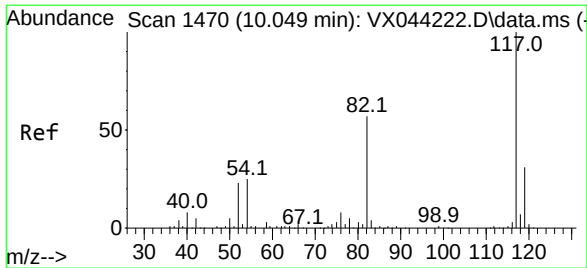
Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.8

176 72.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-5

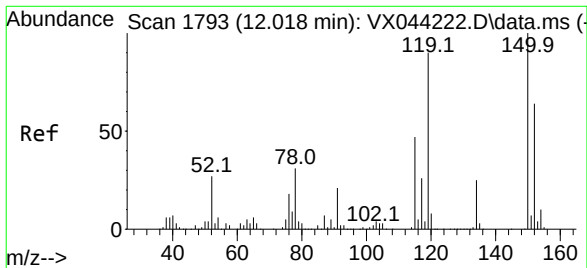
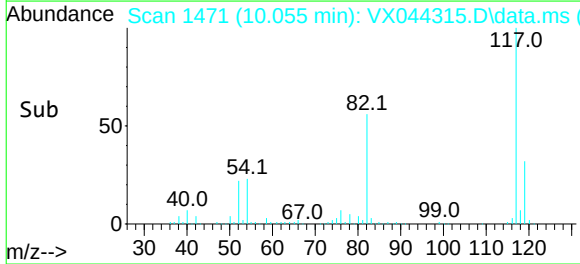
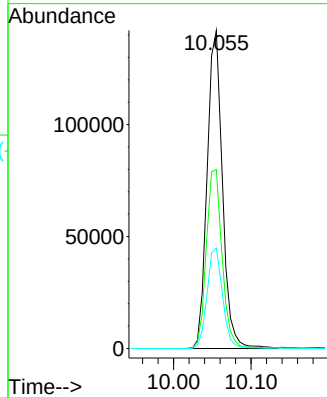
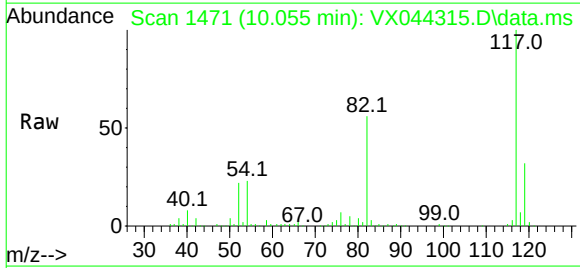
Tgt Ion:117 Resp: 195316

Ion Ratio Lower Upper

117 100

82 56.2 45.8 68.8

119 31.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044315.D

Acq: 16 Dec 2024 11:52

Tgt Ion:152 Resp: 81818

Ion Ratio Lower Upper

152 100

115 61.5 44.5 133.3

150 155.8 0.0 353.8

