

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041896.D
 Acq On : 14 Jun 2024 22:27
 Operator : JC/MD
 Sample : P2886-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFF-WW

Quant Time: Jun 15 04:18:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

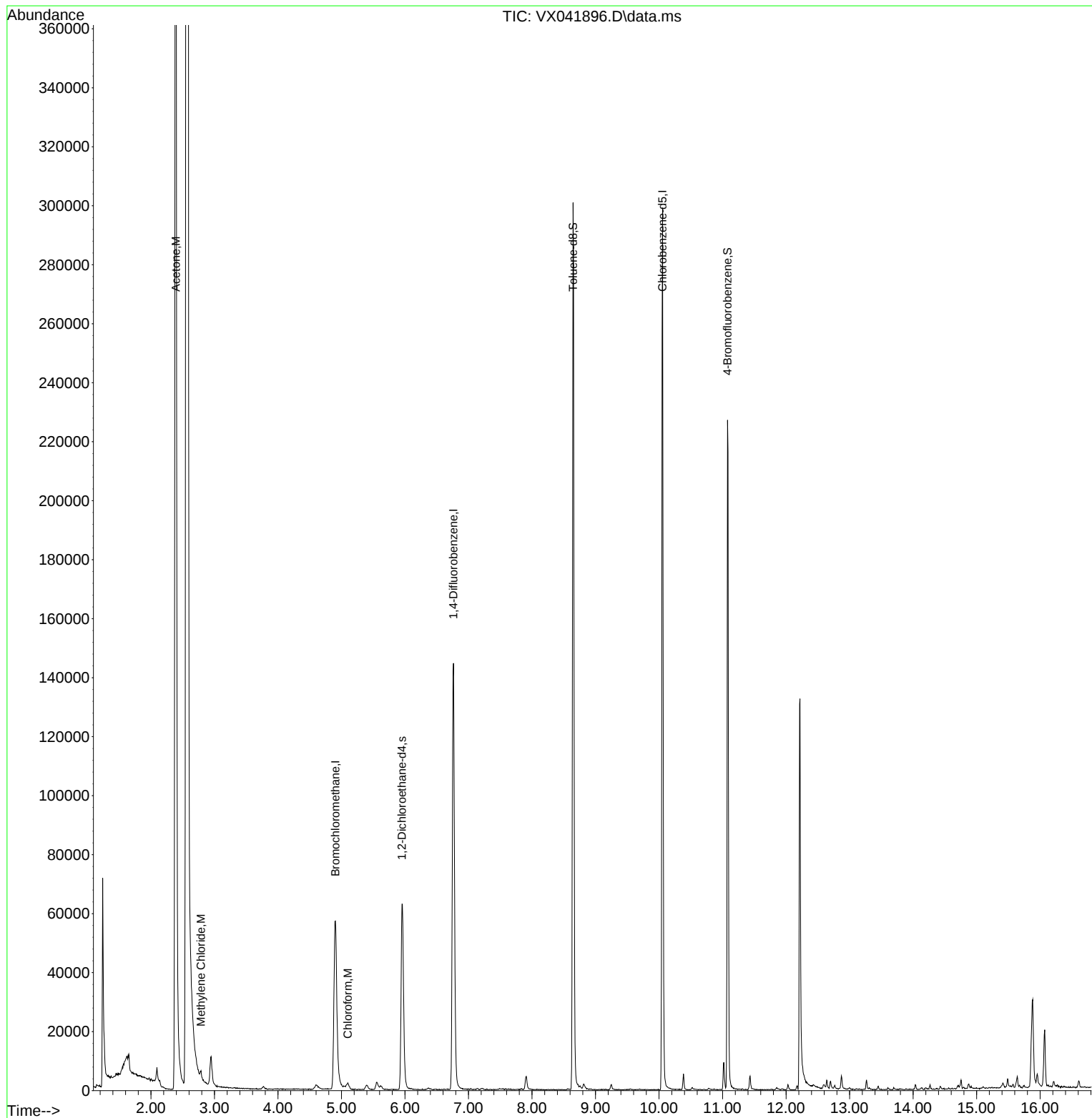
Internal Standards						
1) Bromochloromethane	4.904	128	30874	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147726	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62042	29.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.300%
60) 4-Bromofluorobenzene	11.079	95	62420	27.297	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	8.647	98	186071	29.440	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.133%
Target Compounds						
15) Acetone	2.392	58	213223	652.807	ug/l	Qvalue 95
18) Methylene Chloride	2.788	84	1027	0.475	ug/l #	82
25) Chloroform	5.099	83	2436	0.712	ug/l	88

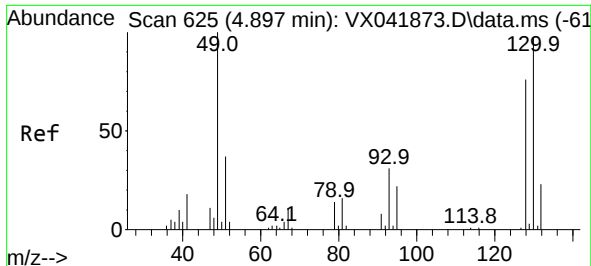
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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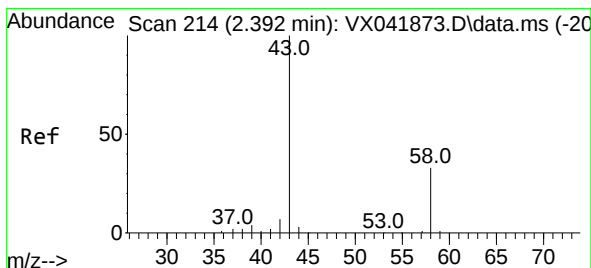
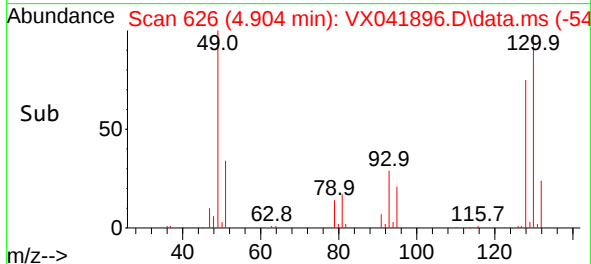
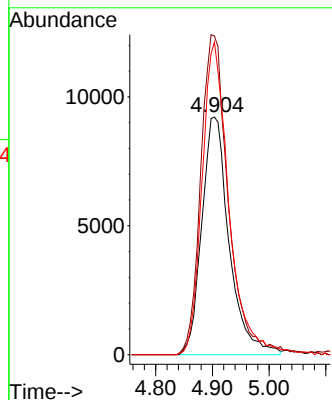
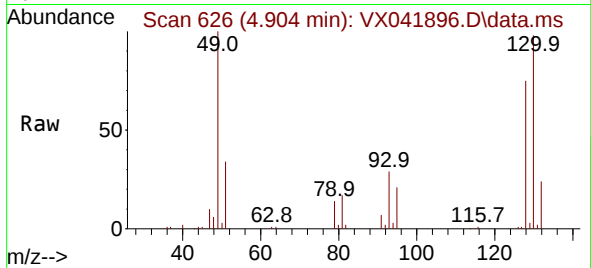




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

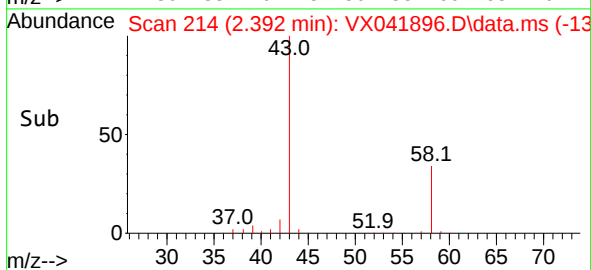
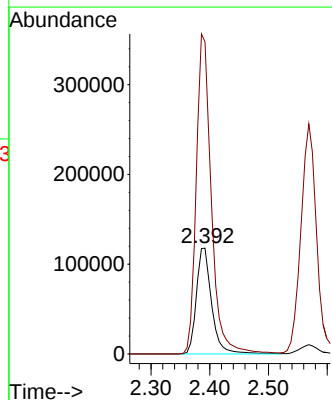
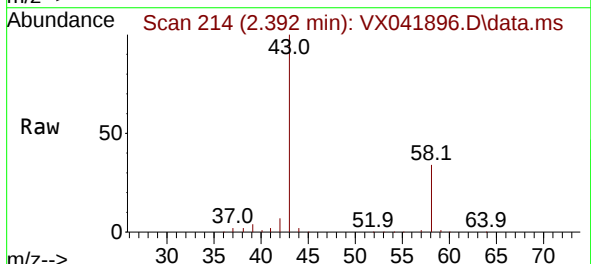
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

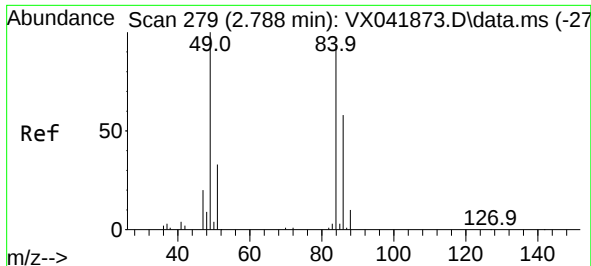
Tgt Ion:128 Resp: 30874
Ion Ratio Lower Upper
128 100
49 134.3 0.0 338.5
130 128.5 0.0 324.5



#15
Acetone
Concen: 652.807 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion: 58 Resp: 213223
Ion Ratio Lower Upper
58 100
43 294.9 243.4 365.2

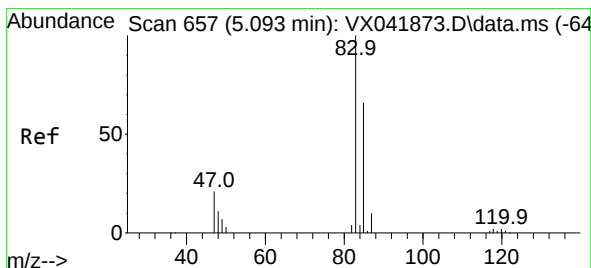
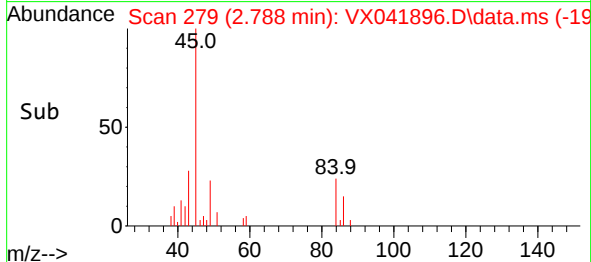
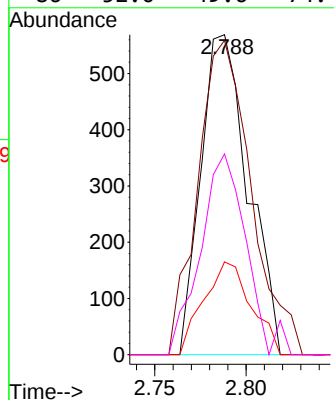
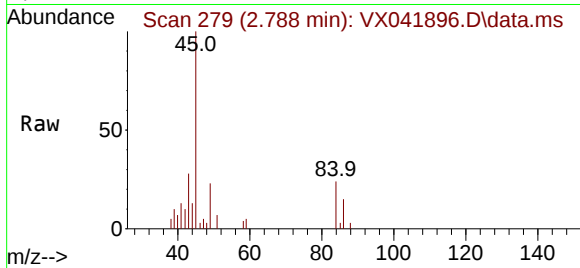




#18
Methylene Chloride
Concen: 0.475 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

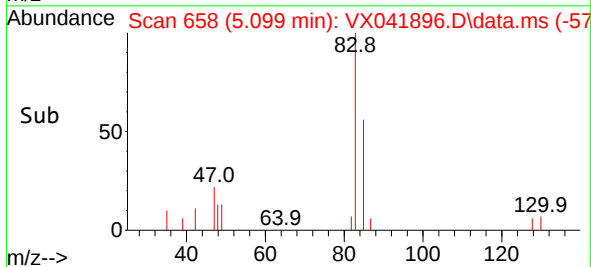
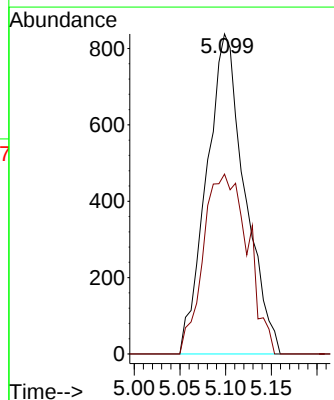
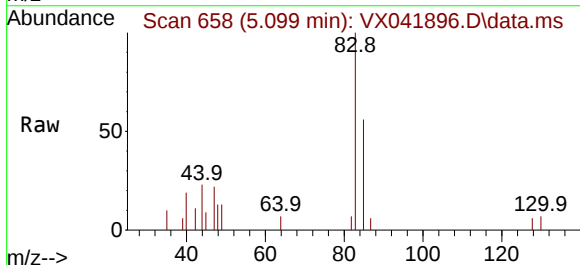
Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

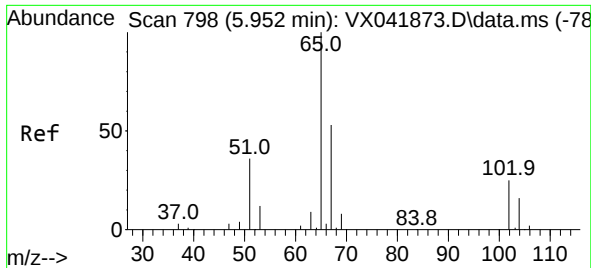
Tgt Ion:	84	Resp:	1027
Ion	Ratio	Lower	Upper
84	100		
49	82.8	85.3	127.9#
51	29.0	28.5	42.7
86	52.0	49.6	74.4



#25
Chloroform
Concen: 0.712 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Tgt Ion:	83	Resp:	2436
Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.7	79.1





#27
 1,2-Dichloroethane-d4
 Concen: 29.192 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041896.D
 Acq: 14 Jun 2024 22:27

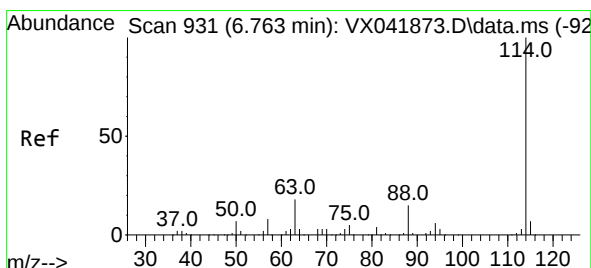
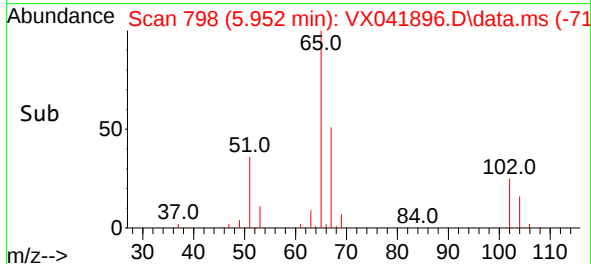
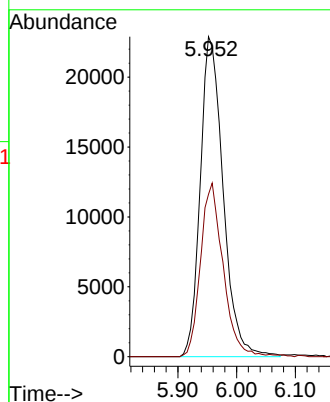
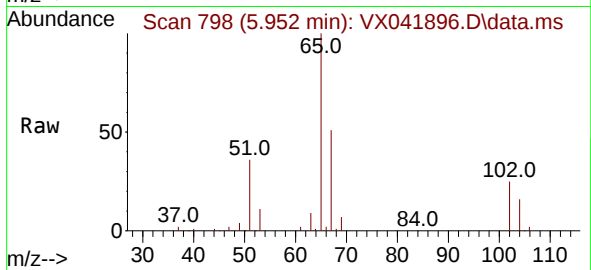
Instrument :

MSVOA_X

ClientSampleId :

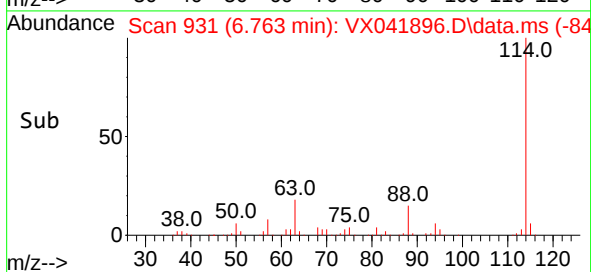
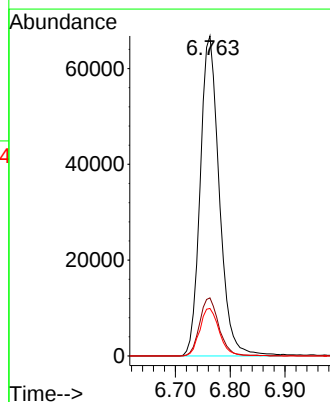
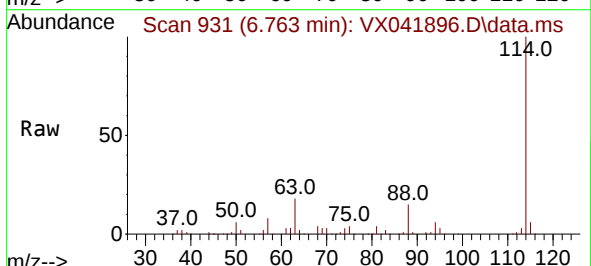
EFF-WW

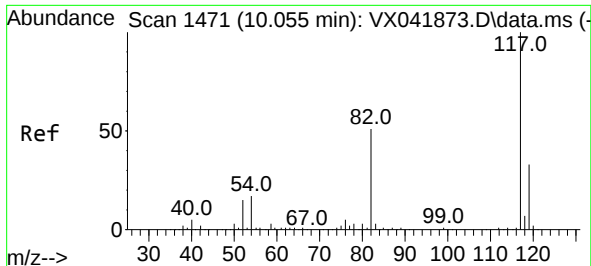
Tgt Ion: 65 Resp: 62042
 Ion Ratio Lower Upper
 65 100
 67 53.2 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041896.D
 Acq: 14 Jun 2024 22:27

Tgt Ion: 114 Resp: 161725
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.6 21.8
 88 15.1 11.8 17.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041896.D

Acq: 14 Jun 2024 22:27

Instrument :

MSVOA_X

ClientSampleId :

EFF-WW

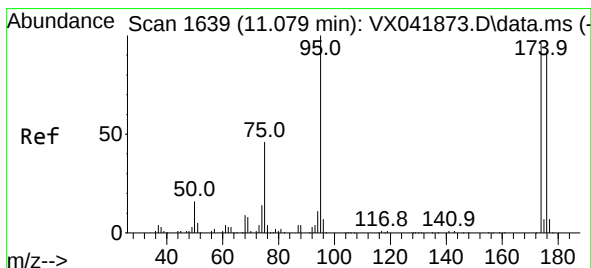
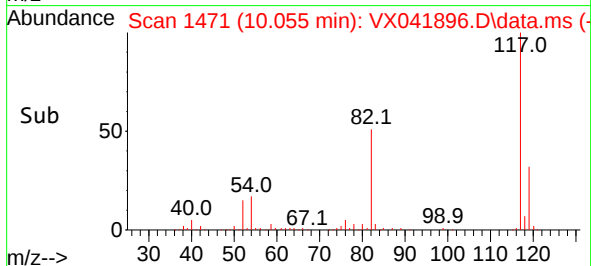
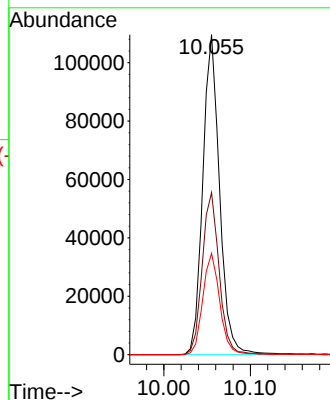
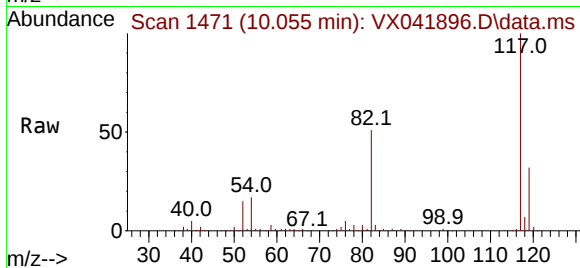
Tgt Ion:117 Resp: 147726

Ion Ratio Lower Upper

117 100

82 51.3 41.1 61.7

119 32.1 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 27.297 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041896.D

Acq: 14 Jun 2024 22:27

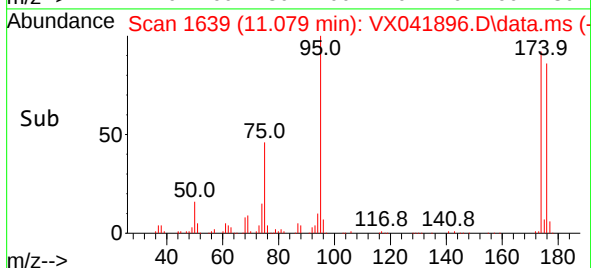
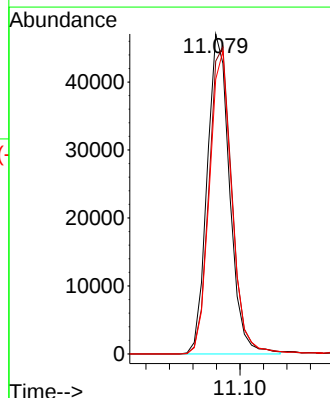
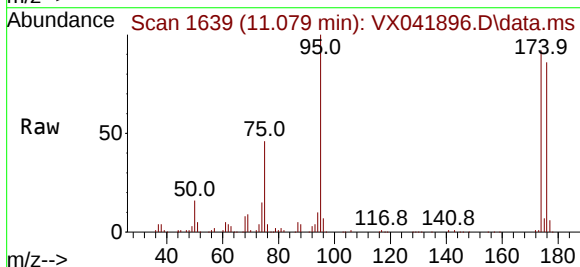
Tgt Ion: 95 Resp: 62420

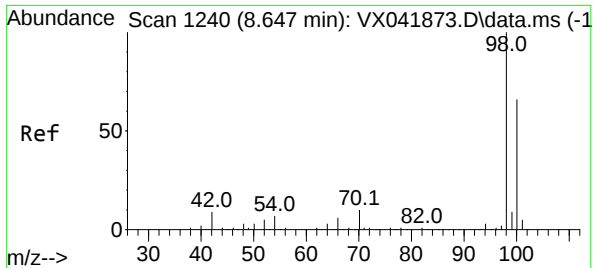
Ion Ratio Lower Upper

95 100

174 98.3 78.9 118.3

176 94.7 77.1 115.7





#63
Toluene-d8
Concen: 29.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041896.D
Acq: 14 Jun 2024 22:27

Instrument :
MSVOA_X
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 186071
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

