

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041659.D
 Acq On : 28 May 2024 12:48
 Operator : JC/MD
 Sample : P2620-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240523059-03

Quant Time: May 29 05:40:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

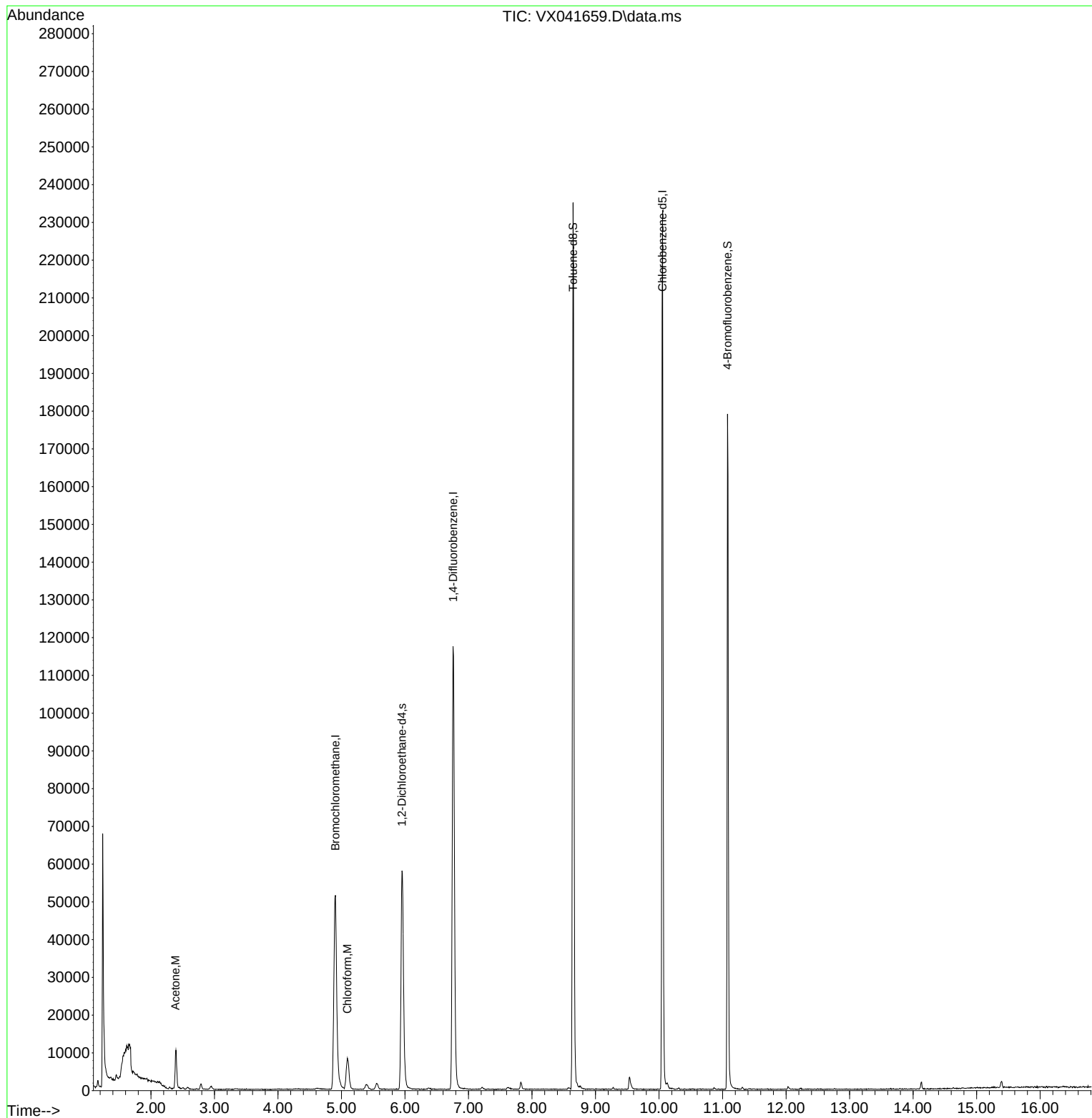
Internal Standards						
1) Bromochloromethane	4.903	128	24315	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	126315	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	109449	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	59750	31.204	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.000%
60) 4-Bromofluorobenzene	11.079	95	45931	26.883	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.600%
63) Toluene-d8	8.647	98	142173	30.304	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	3598	16.302	ug/l	82
25) Chloroform	5.092	83	10359	3.735	ug/l	99

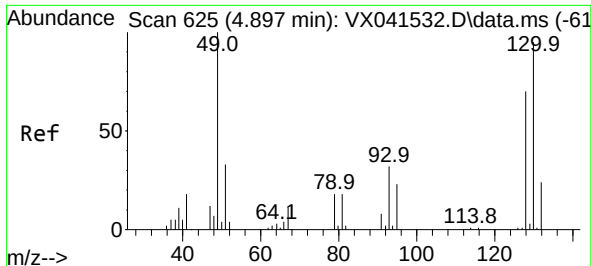
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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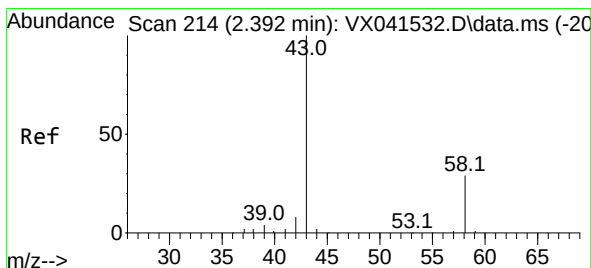
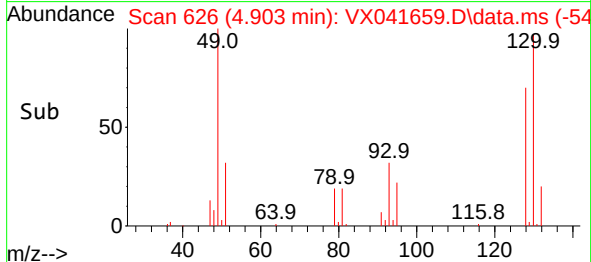
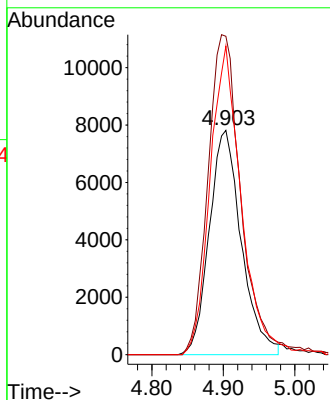
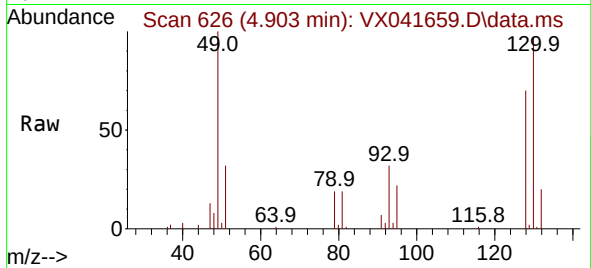




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

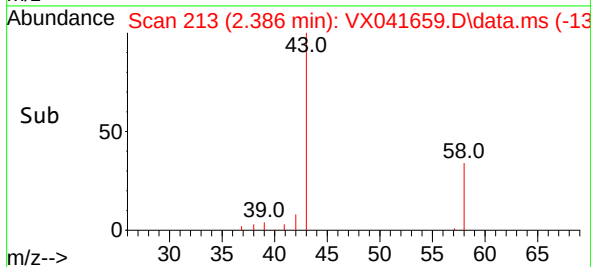
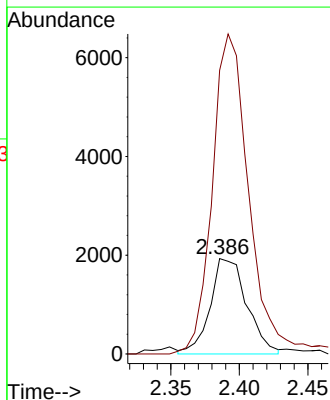
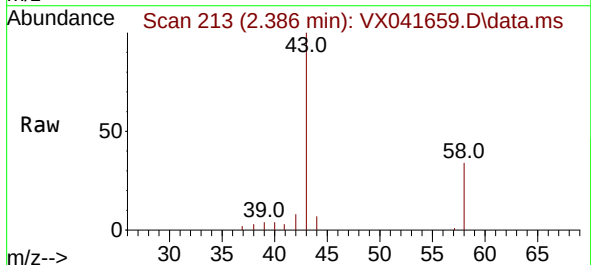
Instrument :
MSVOA_X
ClientSampleId :
240523059-03

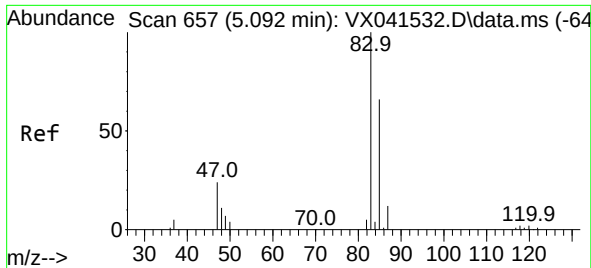
Tgt Ion:	128	Resp:	24315
Ion	Ratio	Lower	Upper
128	100		
49	147.2	0.0	361.5
130	133.8	0.0	324.3



#15
Acetone
Concen: 16.302 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

Tgt Ion:	58	Resp:	3598
Ion	Ratio	Lower	Upper
58	100		
43	305.0	274.0	411.0

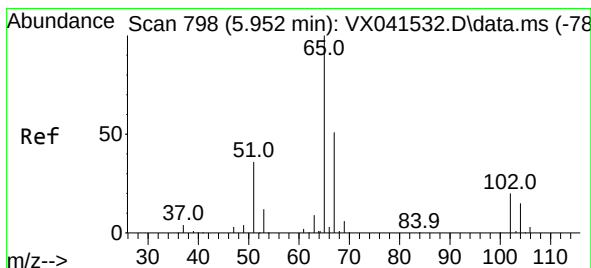
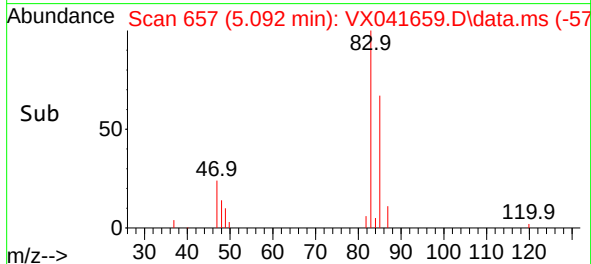
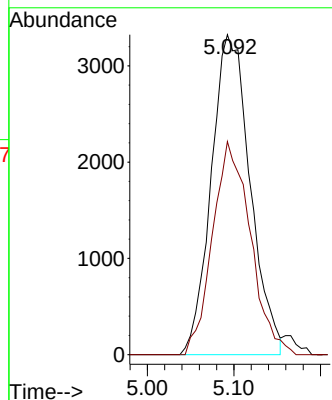
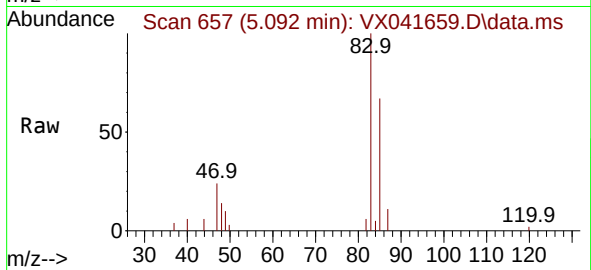




#25
Chloroform
Concen: 3.735 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

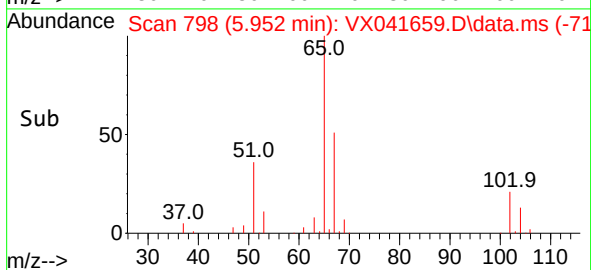
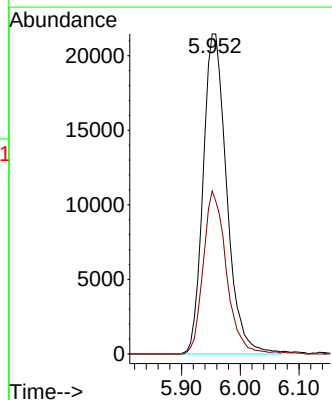
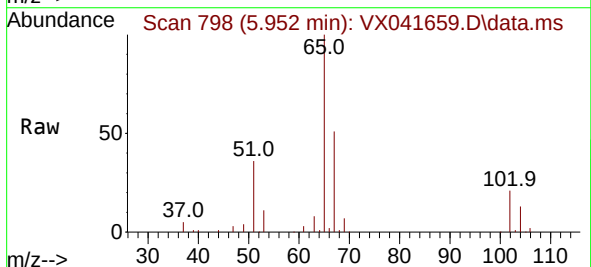
Instrument :
MSVOA_X
ClientSampleId :
240523059-03

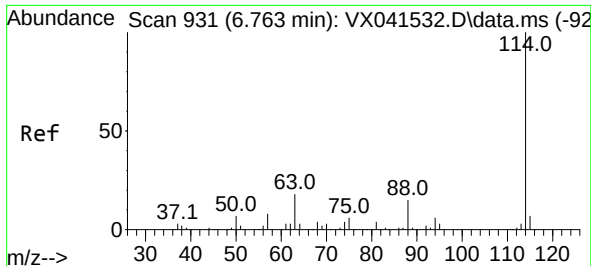
Tgt Ion: 83 Resp: 10359
Ion Ratio Lower Upper
83 100
85 66.6 52.9 79.3



#27
1,2-Dichloroethane-d4
Concen: 31.204 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

Tgt Ion: 65 Resp: 59750
Ion Ratio Lower Upper
65 100
67 49.8 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041659.D

Acq: 28 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :

240523059-03

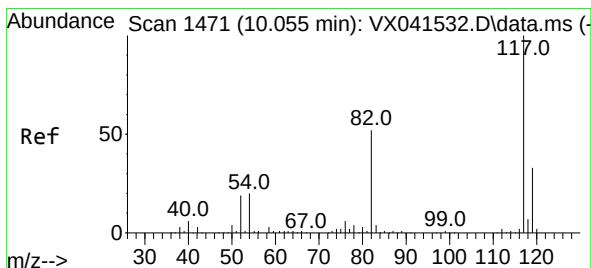
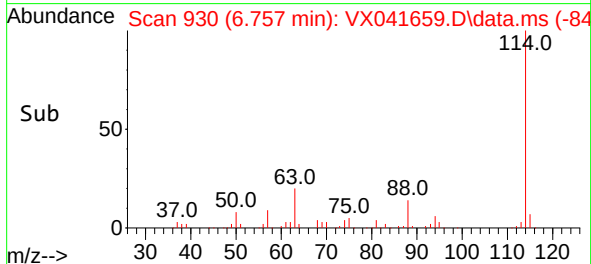
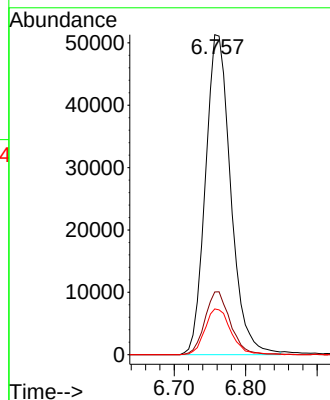
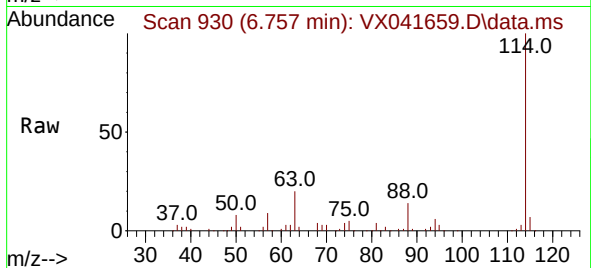
Tgt Ion:114 Resp: 126315

Ion Ratio Lower Upper

114 100

63 19.6 15.4 23.0

88 14.4 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041659.D

Acq: 28 May 2024 12:48

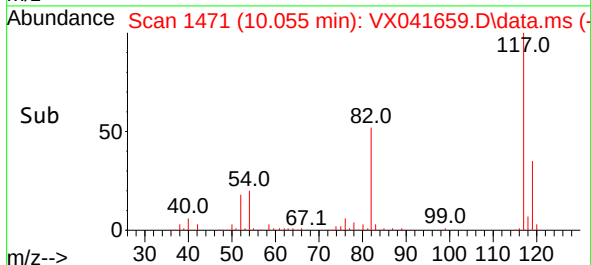
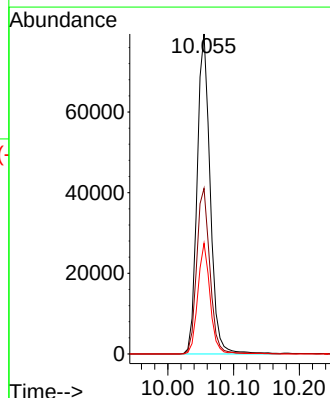
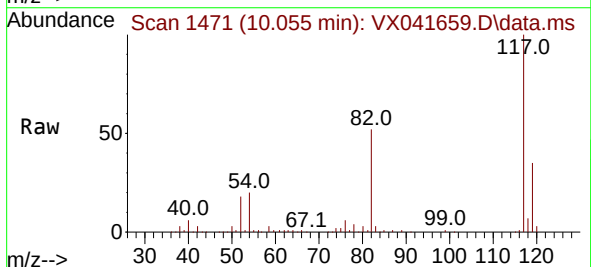
Tgt Ion:117 Resp: 109449

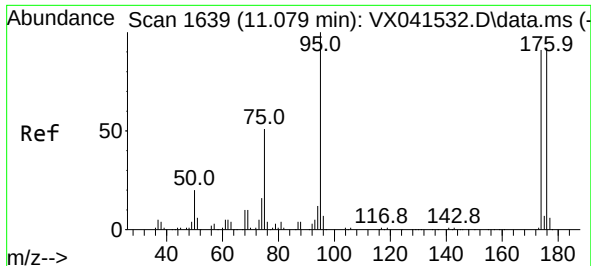
Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.5 25.7 38.5

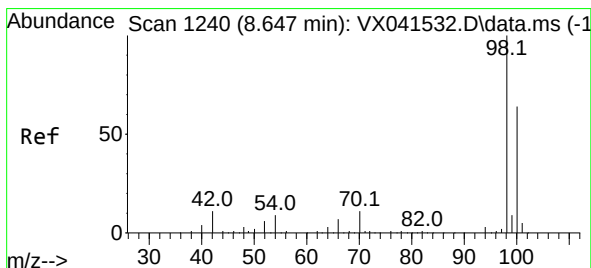
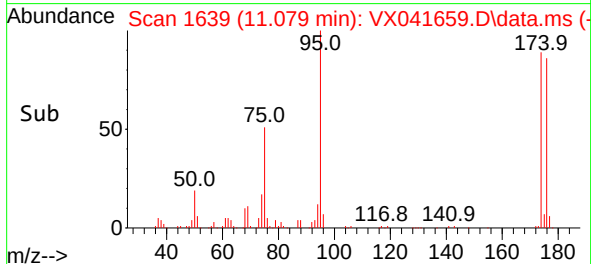
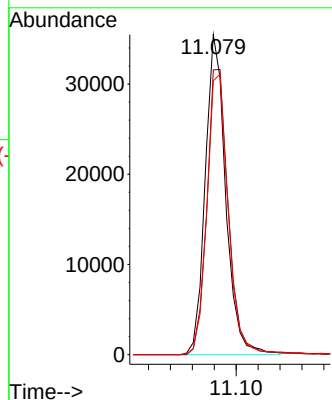
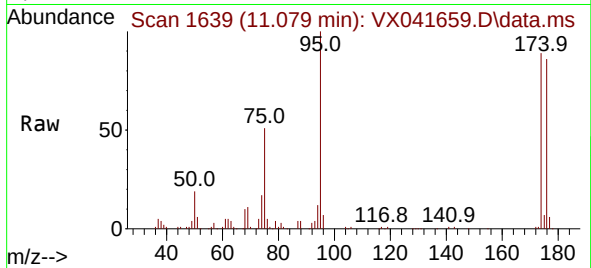




#60
4-Bromofluorobenzene
Concen: 26.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :
240523059-03

Tgt Ion: 95 Resp: 45931
Ion Ratio Lower Upper
95 100
174 93.5 76.6 115.0
176 91.7 75.4 113.0



#63
Toluene-d8
Concen: 30.304 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041659.D
Acq: 28 May 2024 12:48

Tgt Ion: 98 Resp: 142173
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

