

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042243.D
 Acq On : 09 Jul 2024 12:33
 Operator : JC/MD
 Sample : P3172-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240620047-01

Quant Time: Jul 10 04:56:47 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)

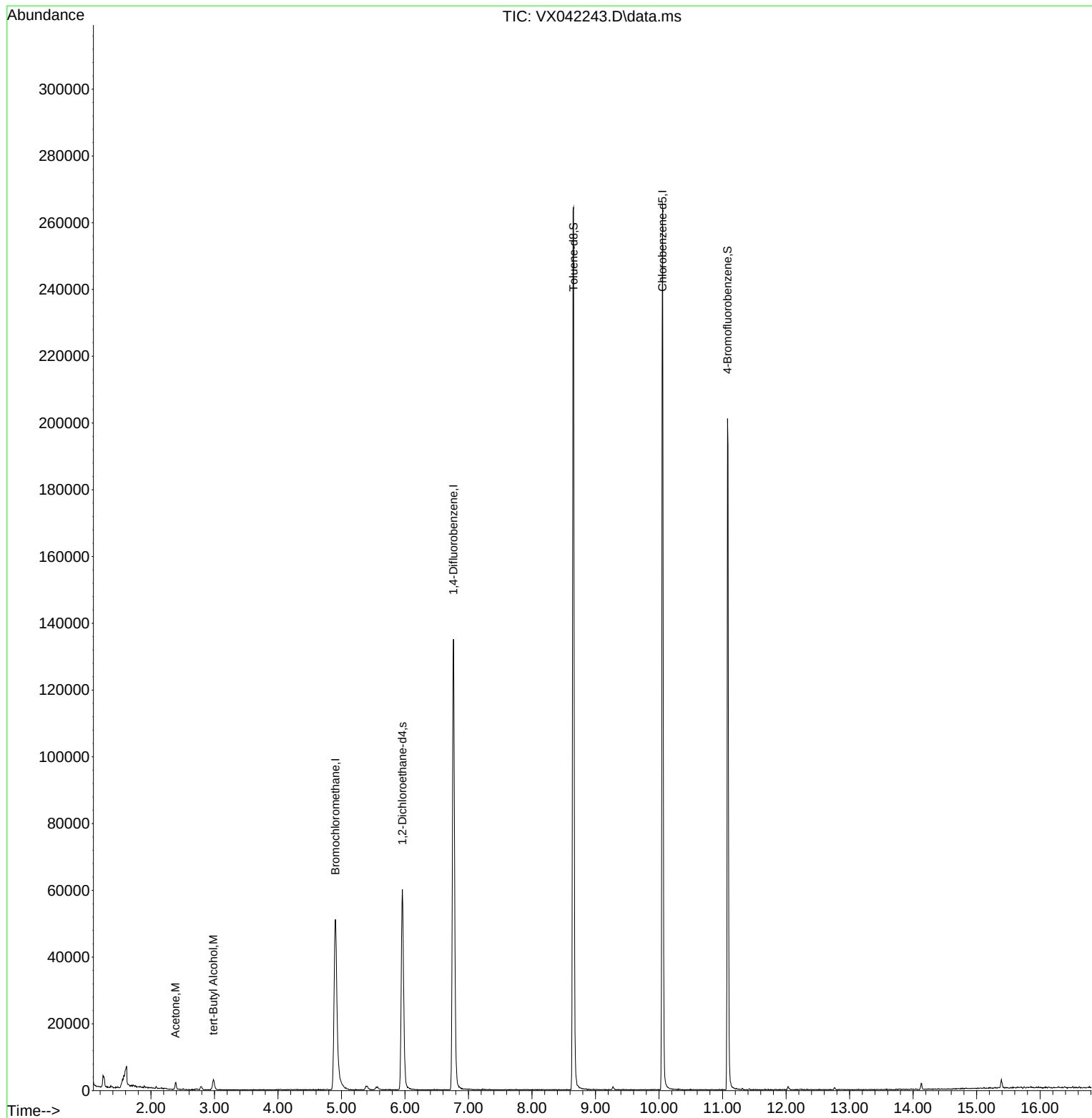
Internal Standards						
1) Bromochloromethane	4.904	128	26776	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	150559	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133099	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56727	30.776	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.600%
60) 4-Bromofluorobenzene	11.079	95	55864	27.115	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.367%
63) Toluene-d8	8.653	98	168886	29.658	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	706	2.492	ug/l	87
23) tert-Butyl Alcohol	2.983	59	4117	11.183	ug/l #	100

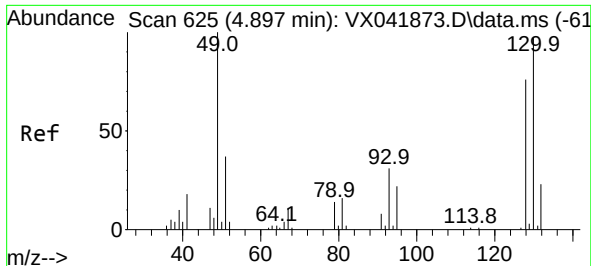
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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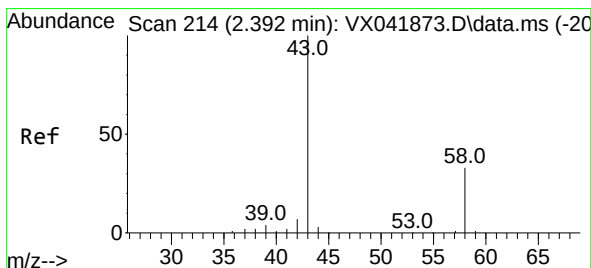
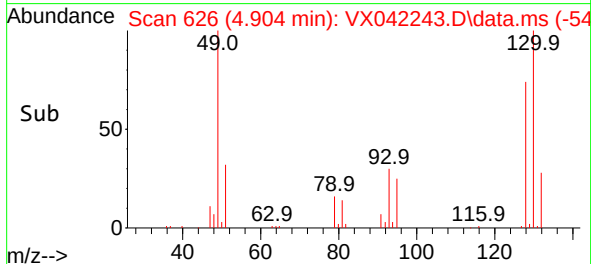
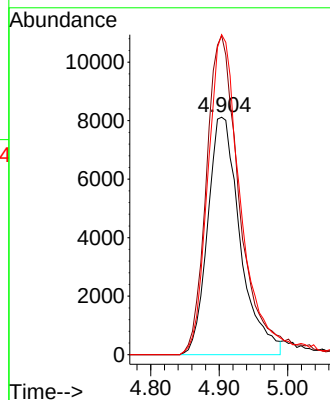
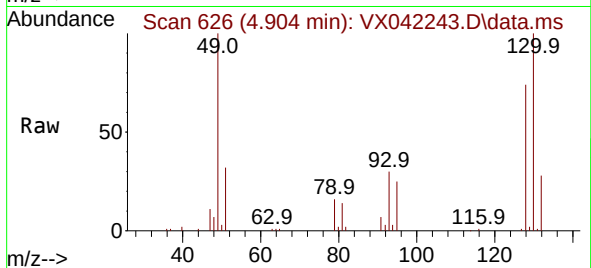




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

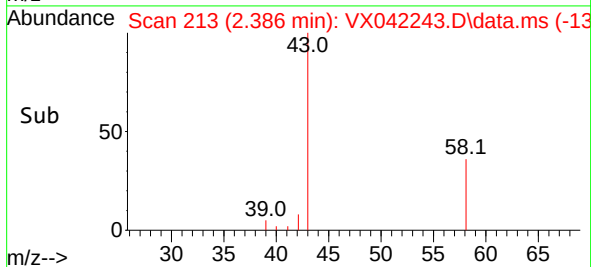
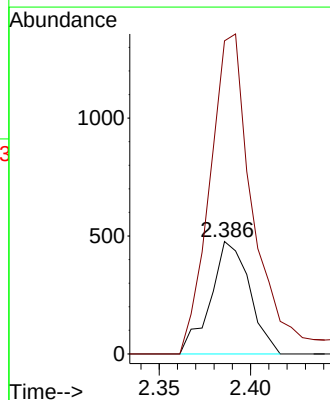
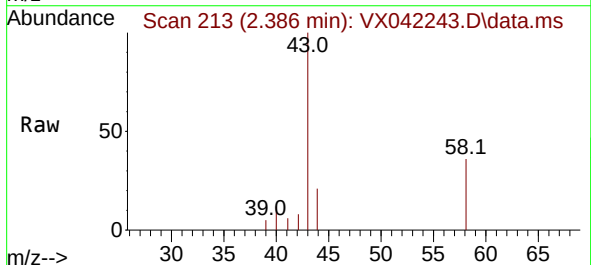
Instrument :
MSVOA_X
ClientSampleId :
240620047-01

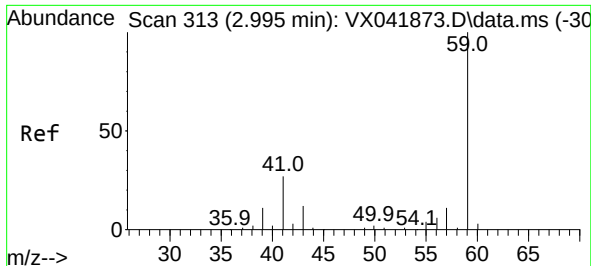
Tgt Ion:128 Resp: 26776
Ion Ratio Lower Upper
128 100
49 137.4 0.0 338.5
130 135.4 0.0 324.5



#15
Acetone
Concen: 2.492 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion: 58 Resp: 706
Ion Ratio Lower Upper
58 100
43 278.4 243.4 365.2





#23

tert-Butyl Alcohol

Concen: 11.183 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX042243.D

Acq: 09 Jul 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

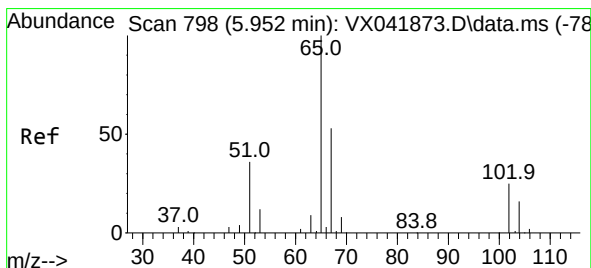
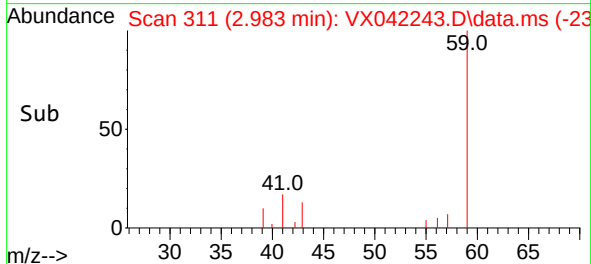
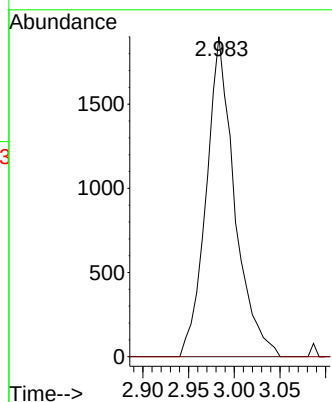
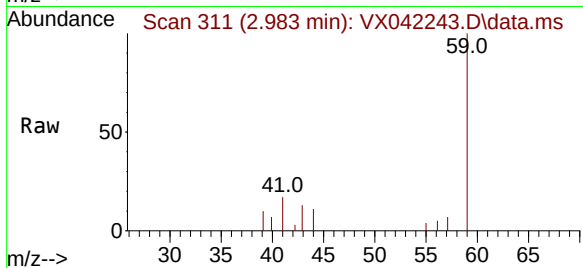
240620047-01

Tgt Ion: 59 Resp: 4117

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#27

1,2-Dichloroethane-d4

Concen: 30.776 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX042243.D

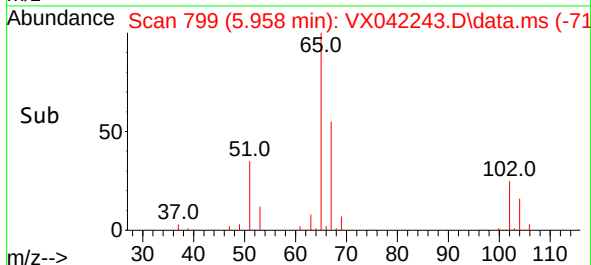
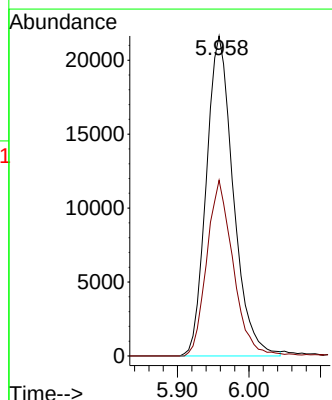
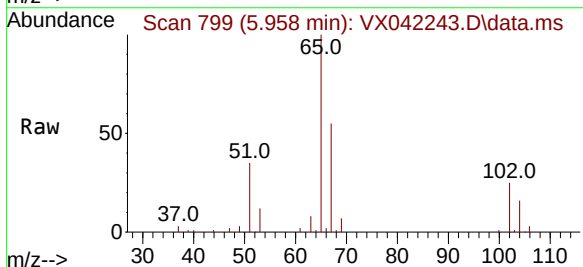
Acq: 09 Jul 2024 12:33

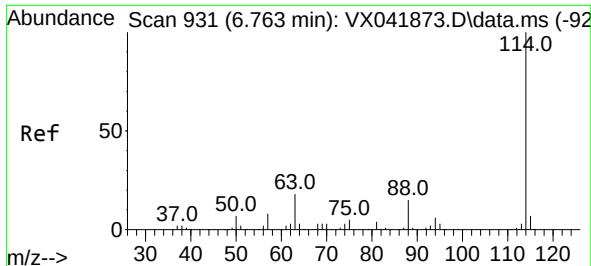
Tgt Ion: 65 Resp: 56727

Ion Ratio Lower Upper

65 100

67 53.5 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX042243.D

Acq: 09 Jul 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

240620047-01

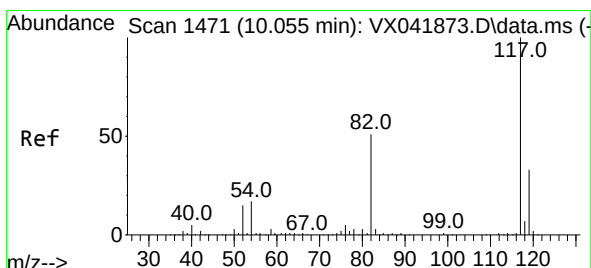
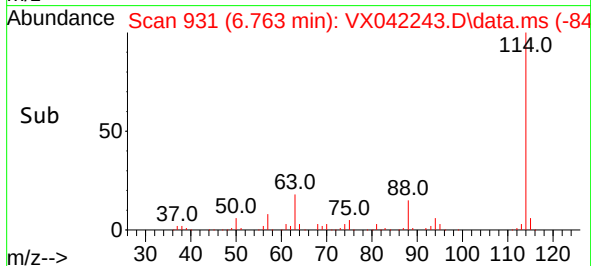
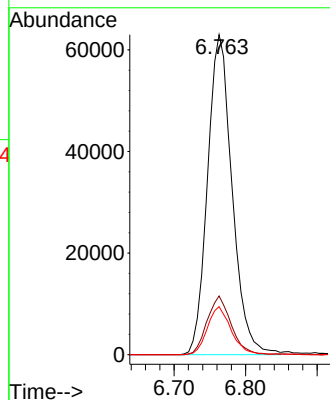
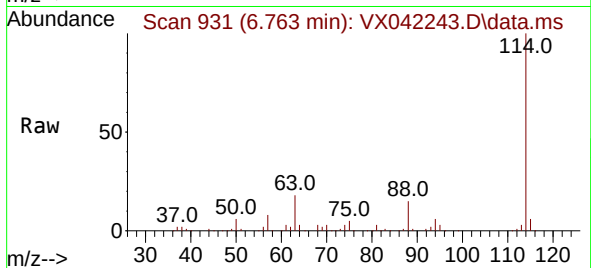
Tgt Ion:114 Resp: 150559

Ion Ratio Lower Upper

114 100

63 17.9 14.6 21.8

88 14.5 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: VX042243.D

Acq: 09 Jul 2024 12:33

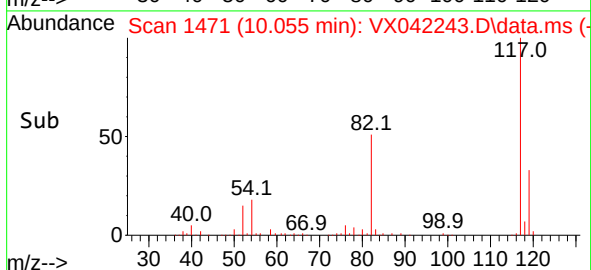
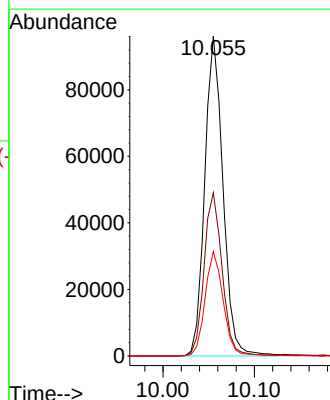
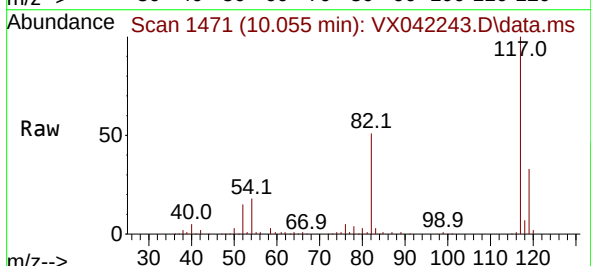
Tgt Ion:117 Resp: 133099

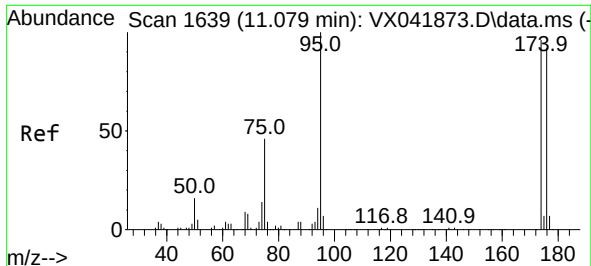
Ion Ratio Lower Upper

117 100

82 50.5 41.1 61.7

119 32.5 26.1 39.1

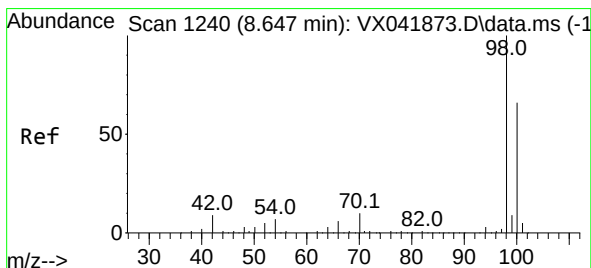
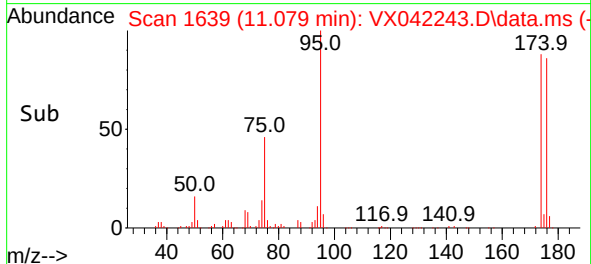
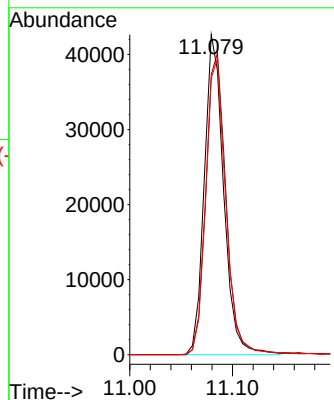
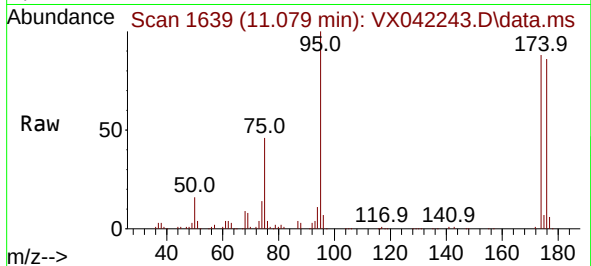




#60
4-Bromofluorobenzene
Concen: 27.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :
240620047-01

Tgt Ion:	95	Resp:	55864
Ion	Ratio	Lower	Upper
95	100		
174	98.1	78.9	118.3
176	96.2	77.1	115.7



#63
Toluene-d8
Concen: 29.658 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX042243.D
Acq: 09 Jul 2024 12:33

Tgt Ion:	98	Resp:	168886
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.7	79.1

