

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036175.D
 Acq On : 15 Jun 2023 17:25
 Operator : JC/MD
 Sample : 03251-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01RE

Quant Time: Jun 16 07:58:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

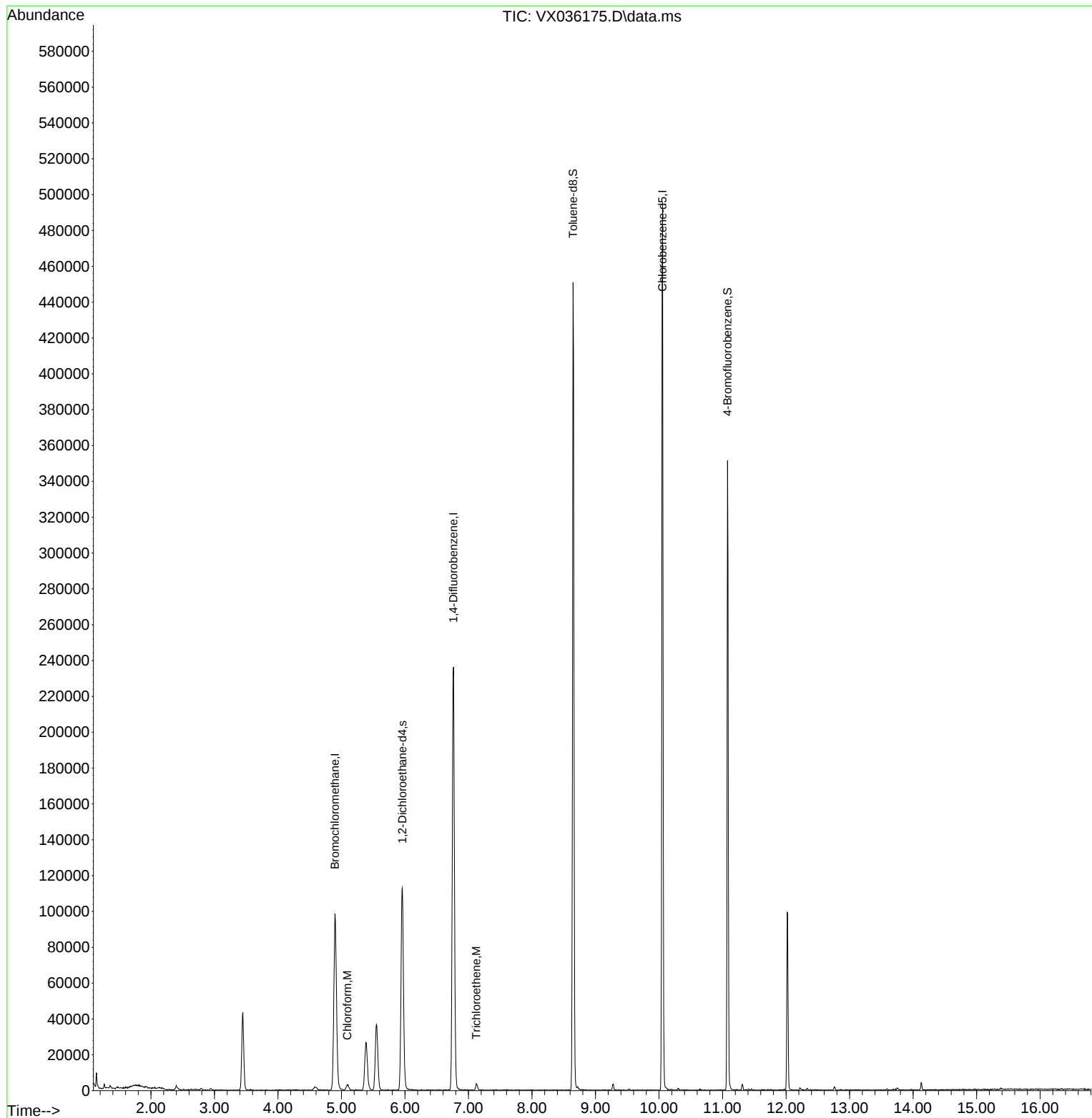
Internal Standards						
1) Bromochloromethane	4.897	128	37480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	222850	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	201348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	118293	37.985	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	126.633%#
60) 4-Bromofluorobenzene	11.079	95	93191	27.583	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.933%
63) Toluene-d8	8.647	98	248214	27.885	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.967%
Target Compounds						
					Qvalue	
25) Chloroform	5.092	83	3266	0.742	ug/l	95
37) Trichloroethene	7.123	130	1459	0.593	ug/l	84

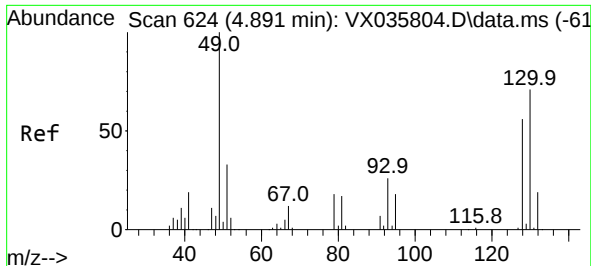
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

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Instrument :

MSVOA_X

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MW-01RE

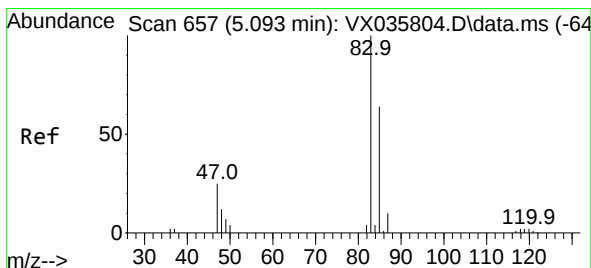
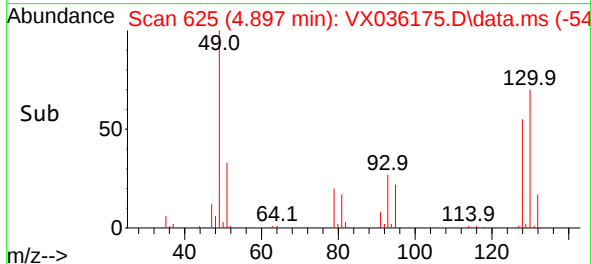
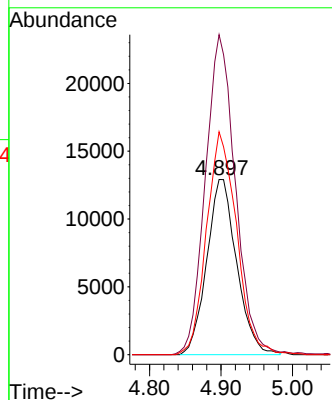
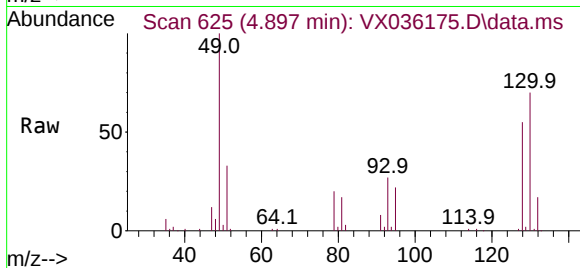
Tgt Ion:128 Resp: 37480

Ion Ratio Lower Upper

128 100

49 183.6 0.0 428.8

130 127.5 0.0 310.8



#25

Chloroform

Concen: 0.742 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX036175.D

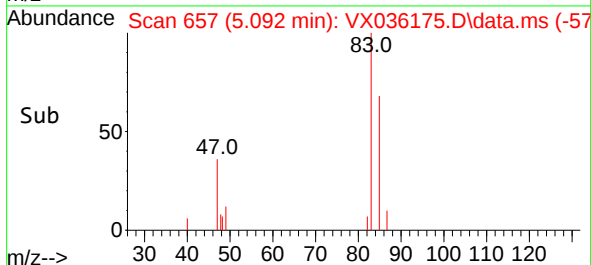
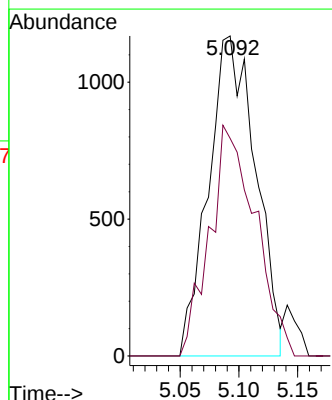
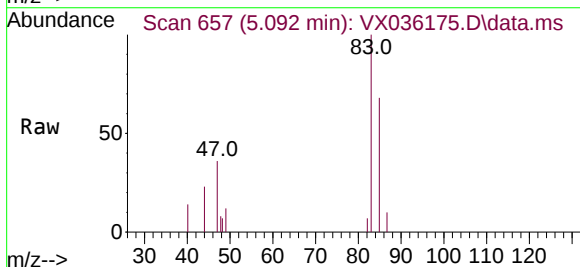
Acq: 15 Jun 2023 17:25

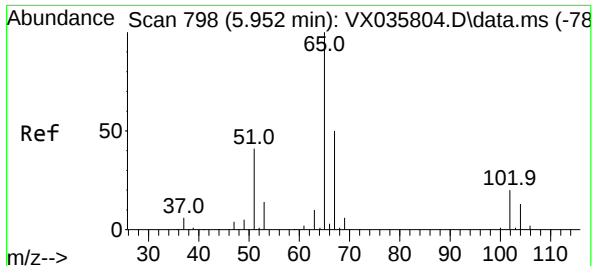
Tgt Ion: 83 Resp: 3266

Ion Ratio Lower Upper

83 100

85 68.0 51.2 76.8





#27

1,2-Dichloroethane-d4

Concen: 37.985 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

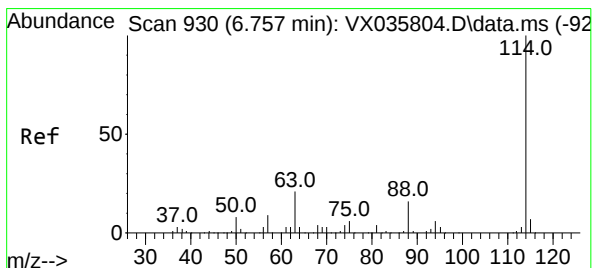
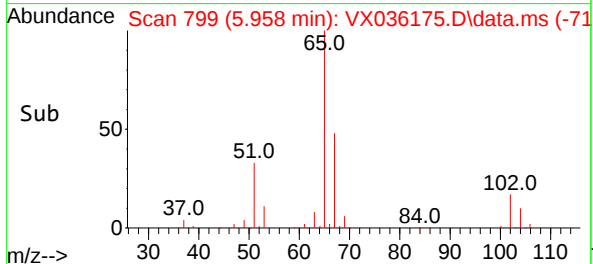
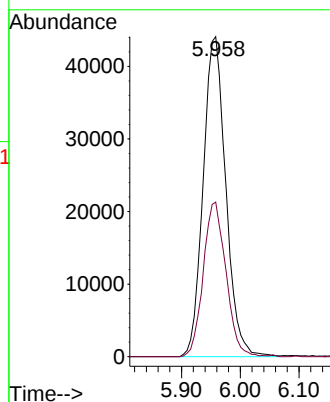
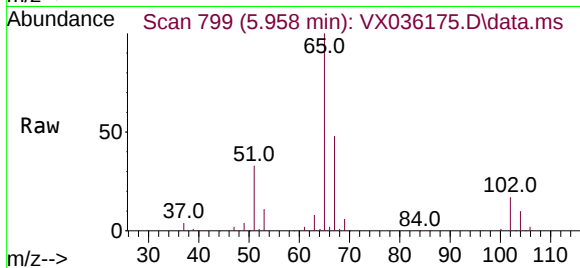
MW-01RE

Tgt Ion: 65 Resp: 118293

Ion Ratio Lower Upper

65 100

67 48.2 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

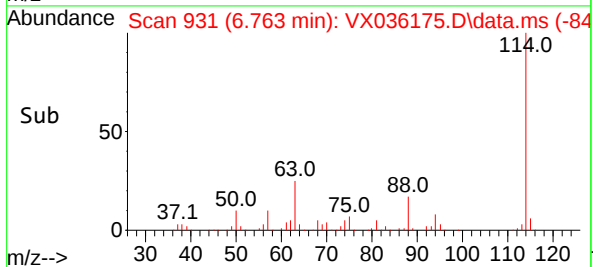
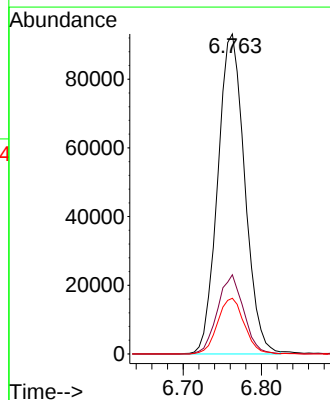
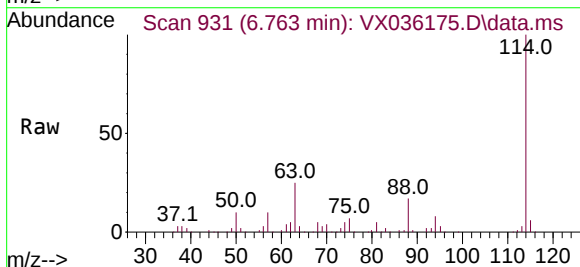
Tgt Ion: 114 Resp: 222850

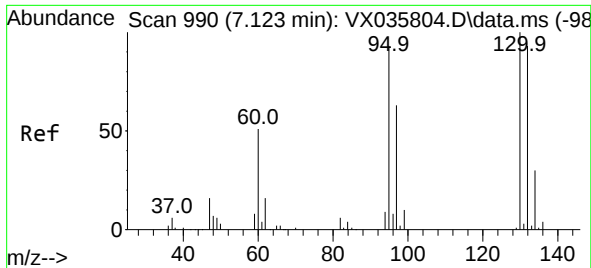
Ion Ratio Lower Upper

114 100

63 23.9 18.0 27.0

88 17.1 13.3 19.9





#37

Trichloroethene

Concen: 0.593 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

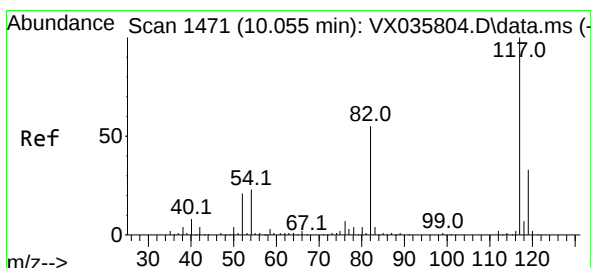
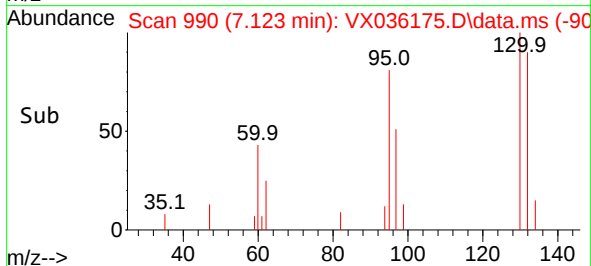
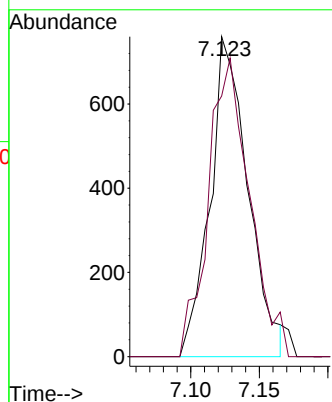
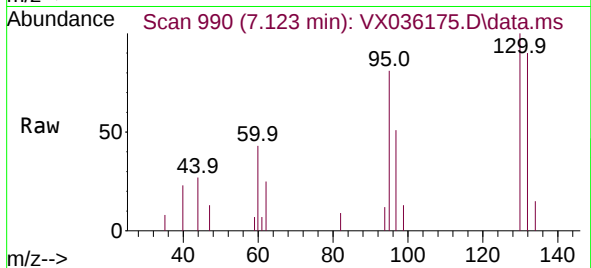
MW-01RE

Tgt Ion:130 Resp: 1459

Ion Ratio Lower Upper

130 100

95 81.4 77.8 116.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036175.D

Acq: 15 Jun 2023 17:25

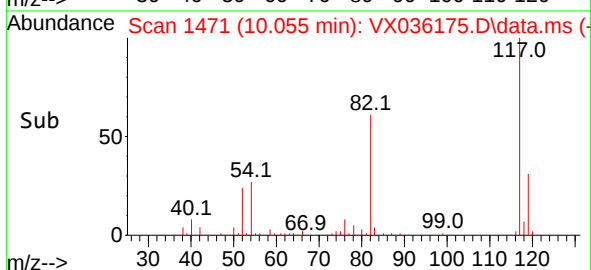
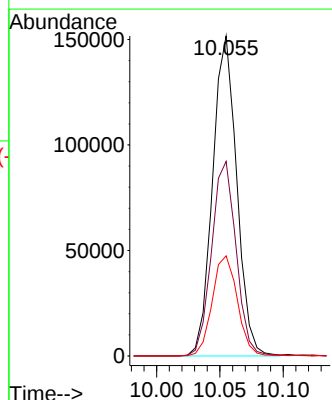
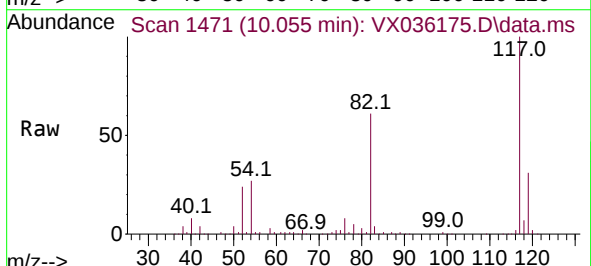
Tgt Ion:117 Resp: 201348

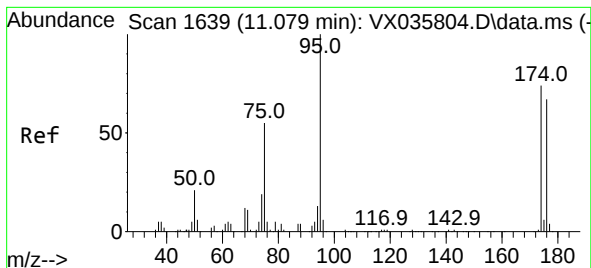
Ion Ratio Lower Upper

117 100

82 62.0 45.8 68.8

119 32.7 25.4 38.0

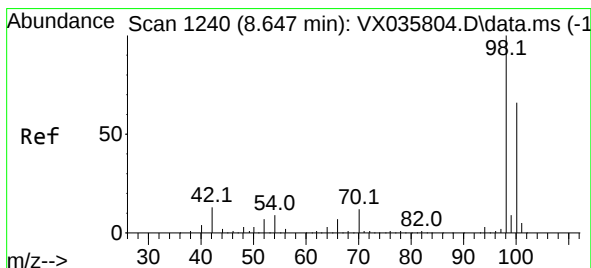
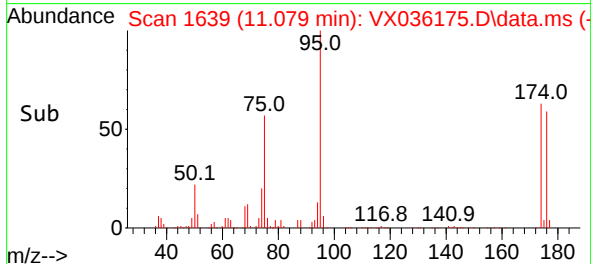
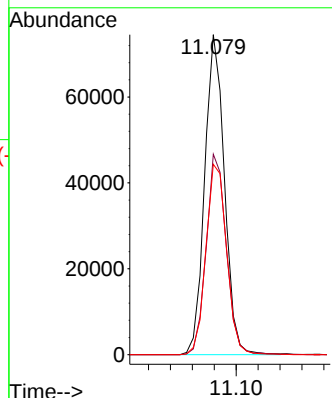
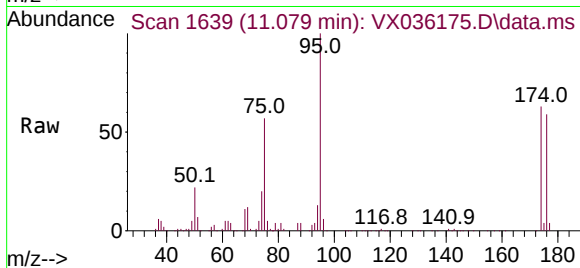




#60
4-Bromofluorobenzene
Concen: 27.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036175.D
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Instrument :
MSVOA_X
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MW-01RE

Tgt Ion: 95 Resp: 93191
Ion Ratio Lower Upper
95 100
174 63.6 0.2 0.4#
176 62.6 0.2 0.2#



#63
Toluene-d8
Concen: 27.885 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036175.D
Acq: 15 Jun 2023 17:25

Tgt Ion: 98 Resp: 248214
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

