

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041556.D
 Acq On : 16 May 2024 12:25
 Operator : JC/MD
 Sample : P2503-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240507034-02

Quant Time: May 17 02:38:15 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)

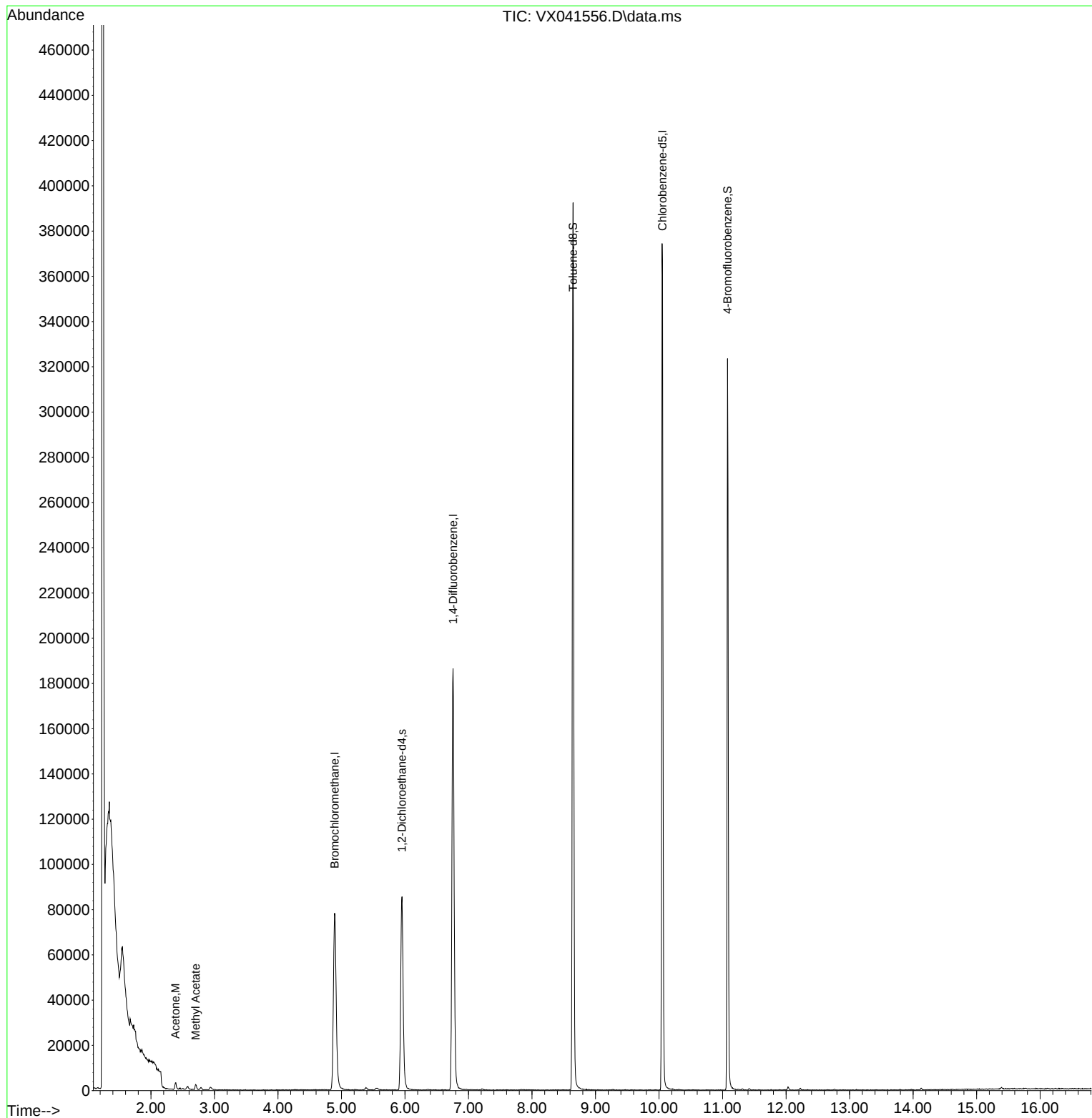
Internal Standards						
1) Bromochloromethane	4.891	128	36193	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	199904	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	182222	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	84428	29.622	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.733%
60) 4-Bromofluorobenzene	11.079	95	79557	27.968	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.233%
63) Toluene-d8	8.647	98	232386	29.751	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.167%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.703	43	2919	1.047	ug/l	98
15) Acetone	2.386	58	879	2.676	ug/l	91

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

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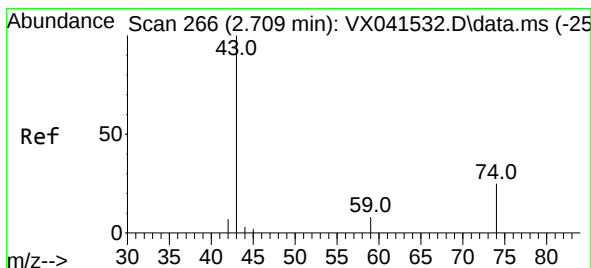
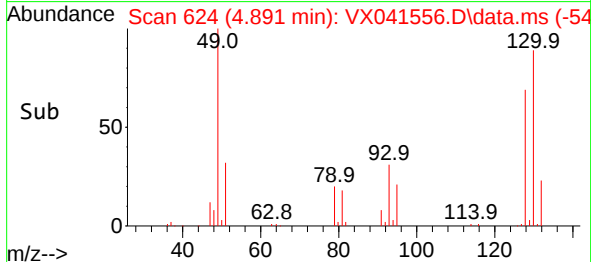
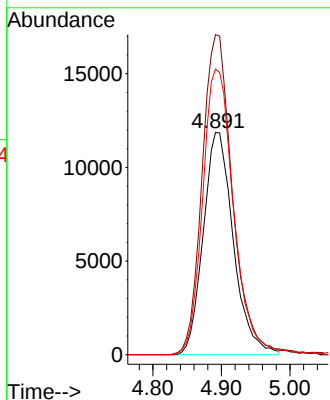
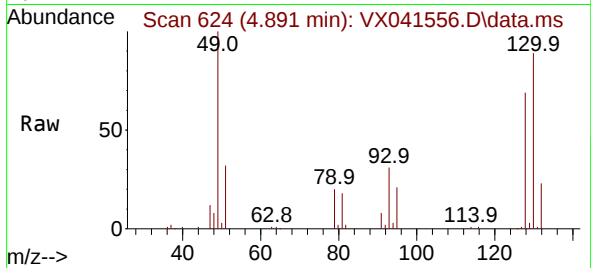




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041556.D
Acq: 16 May 2024 12:25

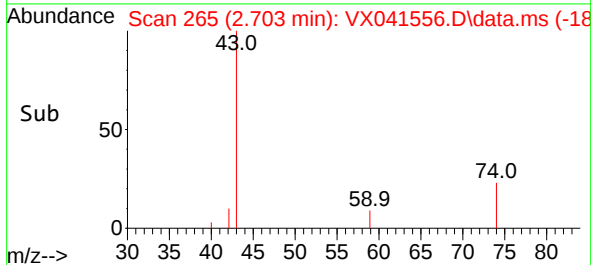
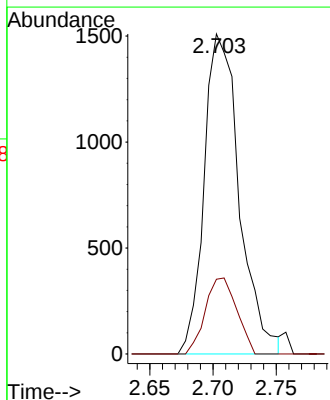
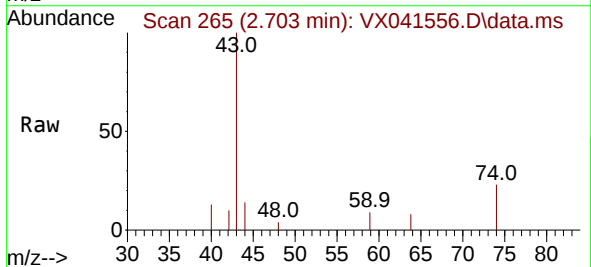
Instrument :
MSVOA_X
ClientSampleId :
240507034-02

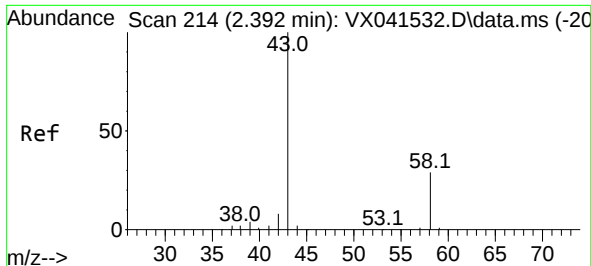
Tgt Ion:128 Resp: 36193
Ion Ratio Lower Upper
128 100
49 146.2 0.0 361.5
130 132.5 0.0 324.3



#12
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041556.D
Acq: 16 May 2024 12:25

Tgt Ion: 43 Resp: 2919
Ion Ratio Lower Upper
43 100
74 24.0 19.9 29.9





#15

Acetone

Concen: 2.676 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041556.D

Acq: 16 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

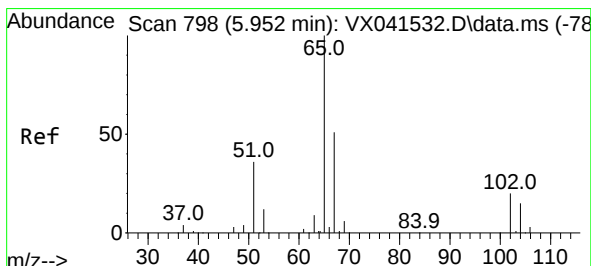
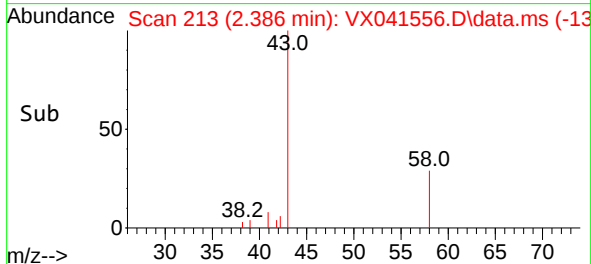
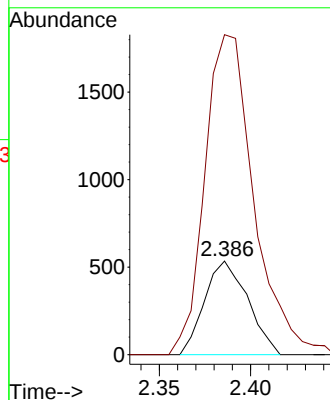
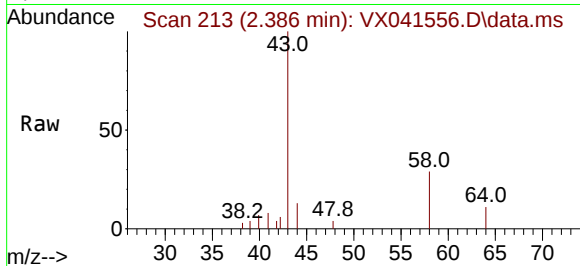
240507034-02

Tgt Ion: 58 Resp: 879

Ion Ratio Lower Upper

58 100

43 323.0 274.0 411.0



#27

1,2-Dichloroethane-d4

Concen: 29.622 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041556.D

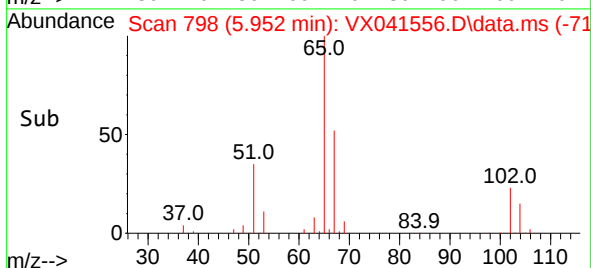
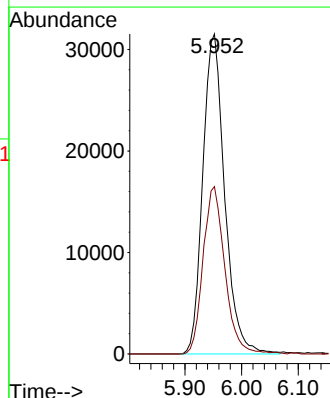
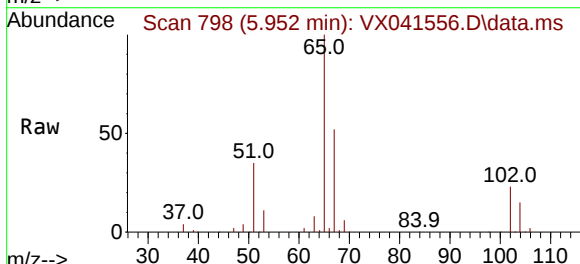
Acq: 16 May 2024 12:25

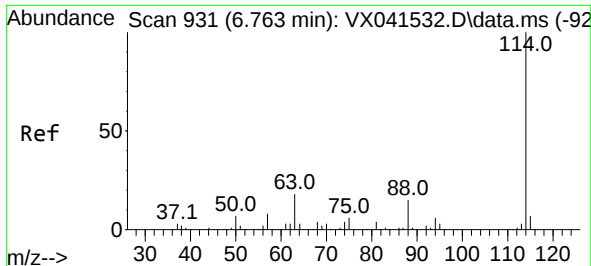
Tgt Ion: 65 Resp: 84428

Ion Ratio Lower Upper

65 100

67 52.0 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: VX041556.D

Acq: 16 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

240507034-02

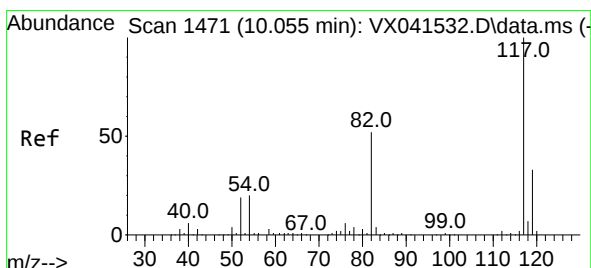
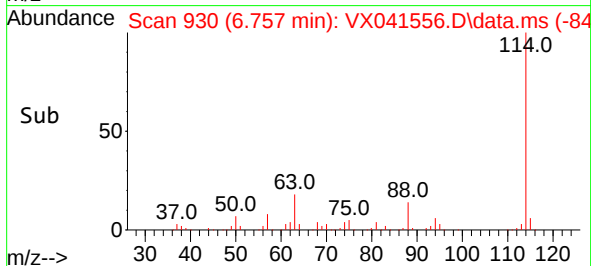
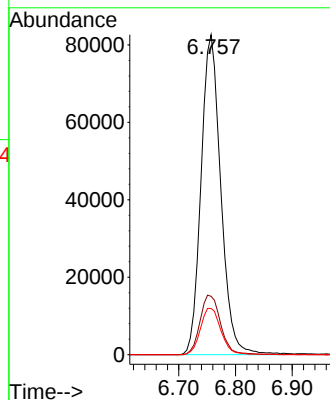
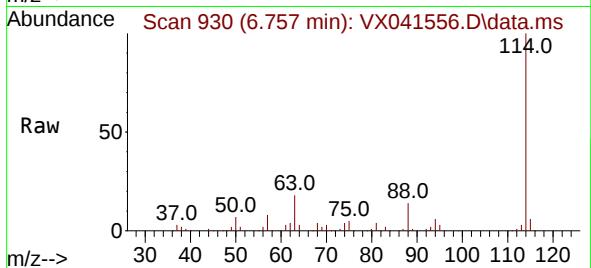
Tgt Ion:114 Resp: 199904

Ion Ratio Lower Upper

114 100

63 19.3 15.4 23.0

88 15.0 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: VX041556.D

Acq: 16 May 2024 12:25

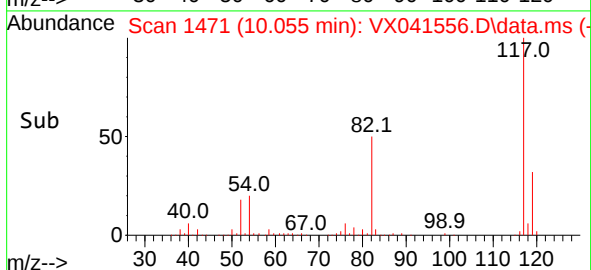
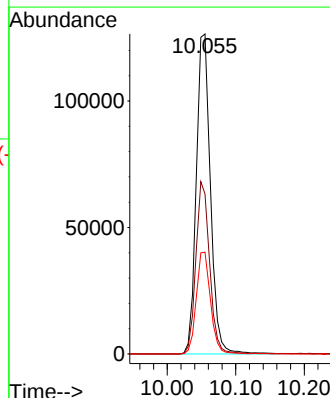
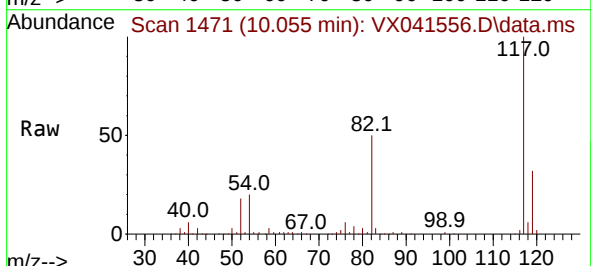
Tgt Ion:117 Resp: 182222

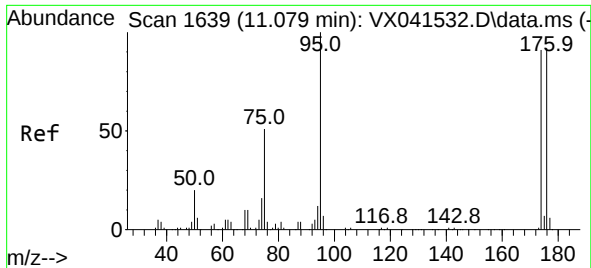
Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 31.9 25.7 38.5

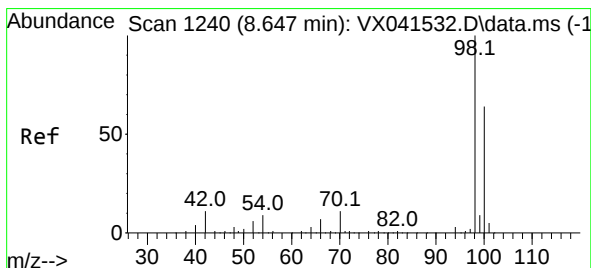
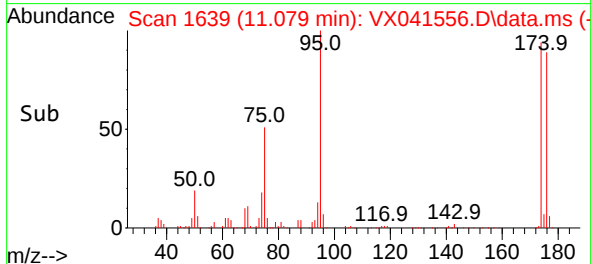
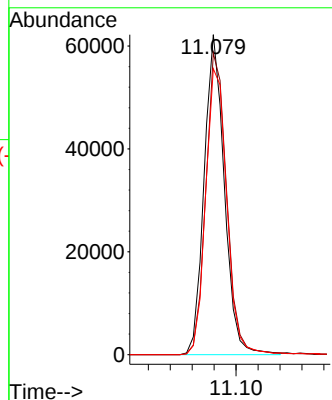
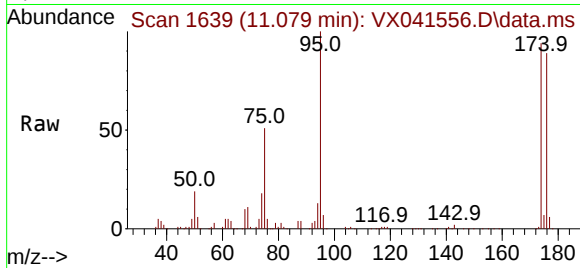




#60
4-Bromofluorobenzene
Concen: 27.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041556.D
Acq: 16 May 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 95 Resp: 79557
Ion Ratio Lower Upper
95 100
174 97.8 76.6 115.0
176 93.8 75.4 113.0



#63
Toluene-d8
Concen: 29.751 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041556.D
Acq: 16 May 2024 12:25

Tgt Ion: 98 Resp: 232386
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

