

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041636.D
 Acq On : 23 May 2024 18:05
 Operator : JC/MD
 Sample : P2601-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240522018-02

Quant Time: May 24 06:46:36 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)

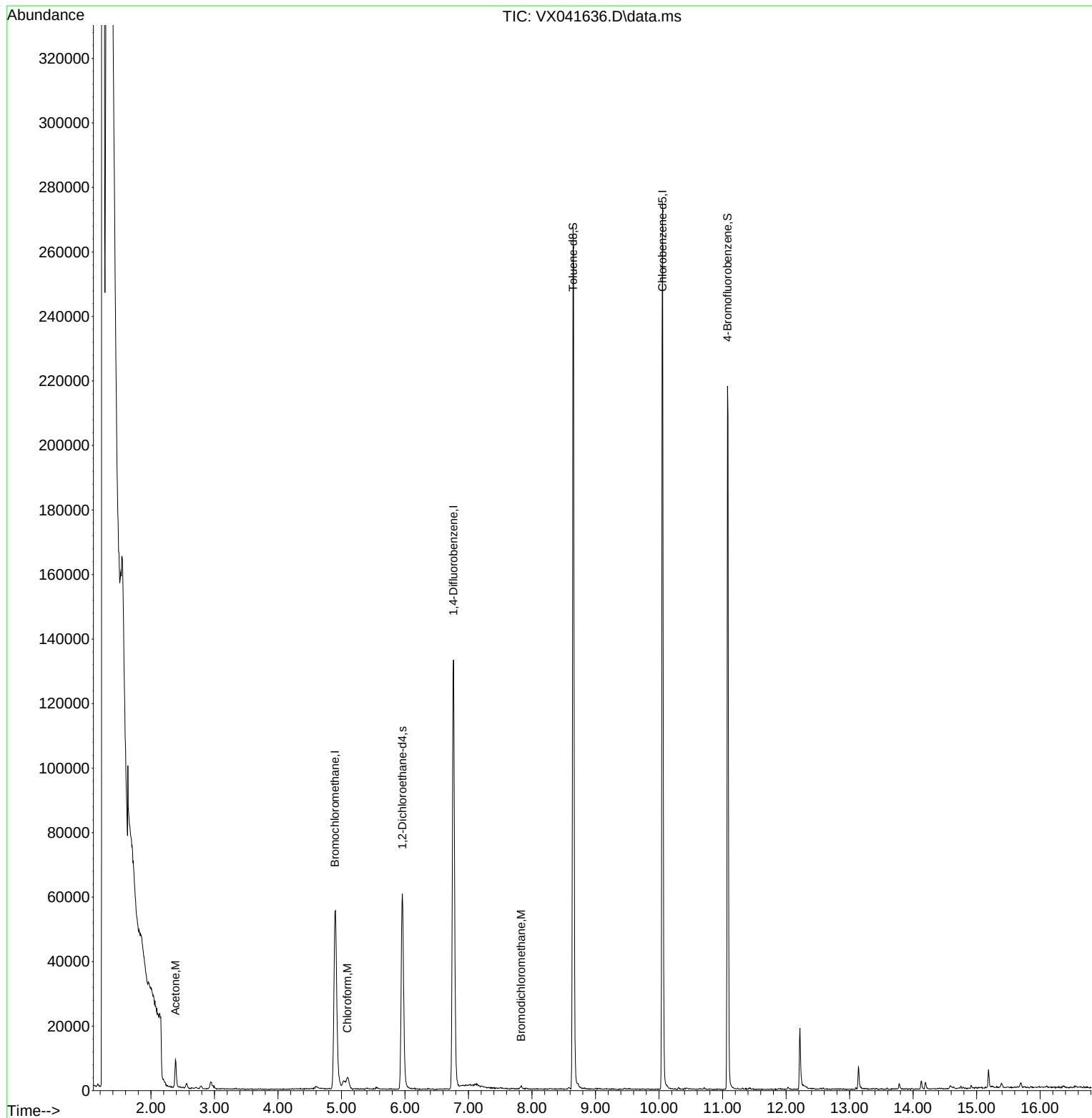
Internal Standards						
1) Bromochloromethane	4.897	128	26344	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	140306	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	128218	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60933	29.371	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.900%
60) 4-Bromofluorobenzene	11.079	95	56990	28.473	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.900%
63) Toluene-d8	8.647	98	161906	29.458	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	2585	10.810	ug/l	98
25) Chloroform	5.093	83	4412	1.468	ug/l	88
41) Bromodichloromethane	7.830	83	775	0.379	ug/l #	93

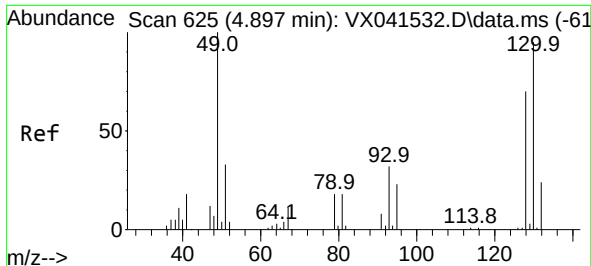
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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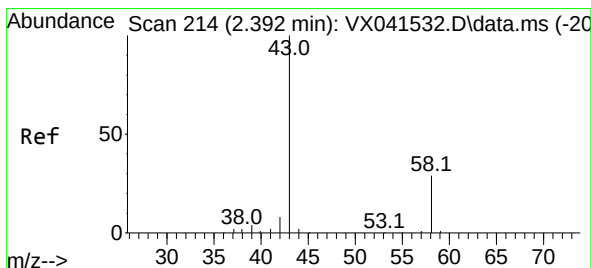
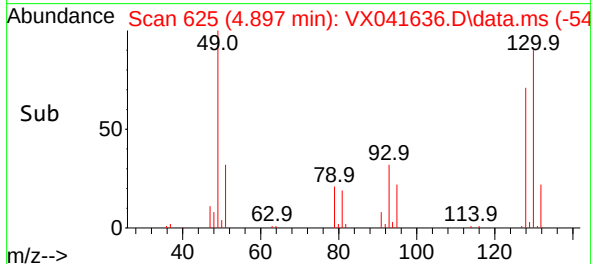
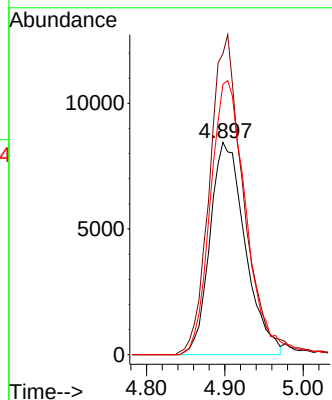
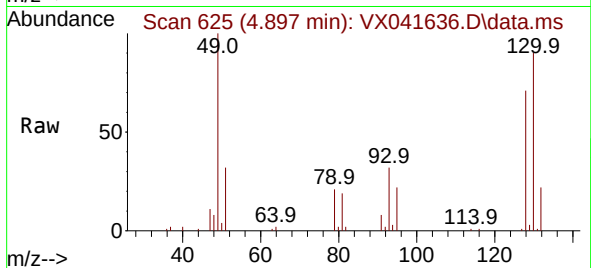




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041636.D
Acq: 23 May 2024 18:05

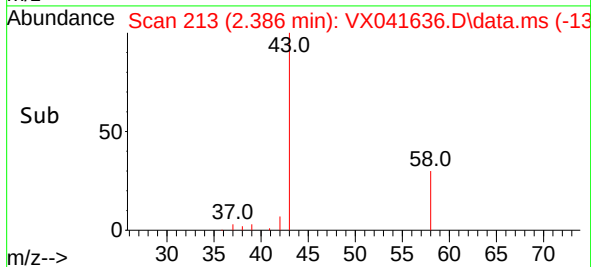
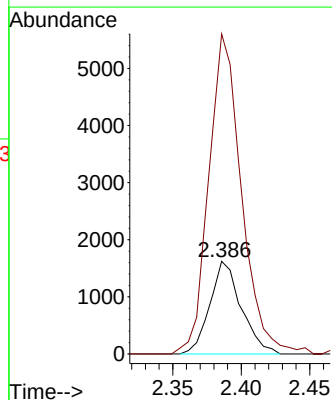
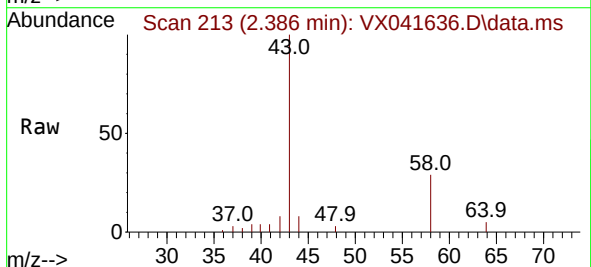
Instrument :
MSVOA_X
ClientSampleId :
240522018-02

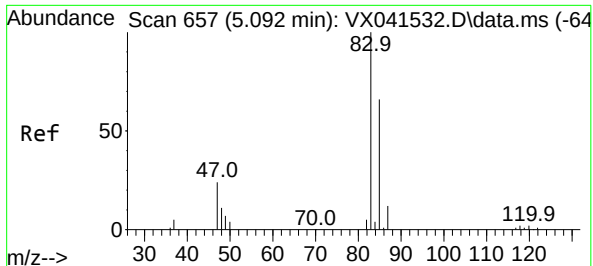
Tgt Ion:128 Resp: 26344
Ion Ratio Lower Upper
128 100
49 144.6 0.0 361.5
130 131.5 0.0 324.3



#15
Acetone
Concen: 10.810 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041636.D
Acq: 23 May 2024 18:05

Tgt Ion: 58 Resp: 2585
Ion Ratio Lower Upper
58 100
43 339.3 274.0 411.0





#25

Chloroform

Concen: 1.468 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041636.D

Acq: 23 May 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

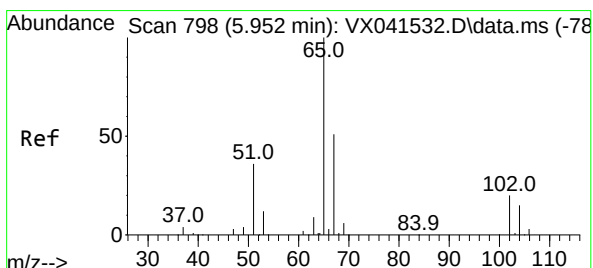
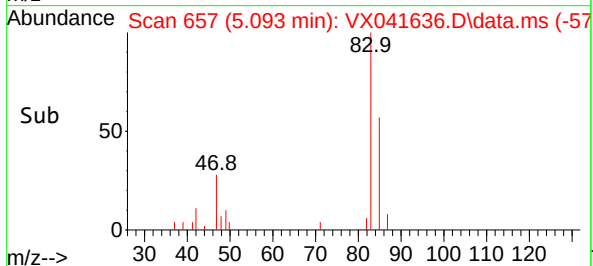
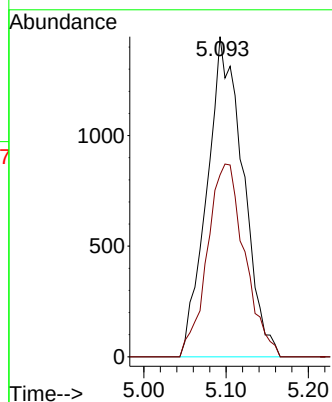
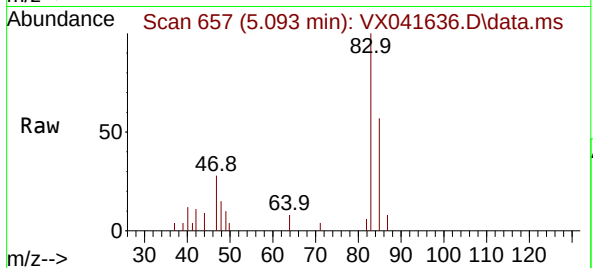
240522018-02

Tgt Ion: 83 Resp: 4412

Ion Ratio Lower Upper

83 100

85 56.8 52.9 79.3



#27

1,2-Dichloroethane-d4

Concen: 29.371 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041636.D

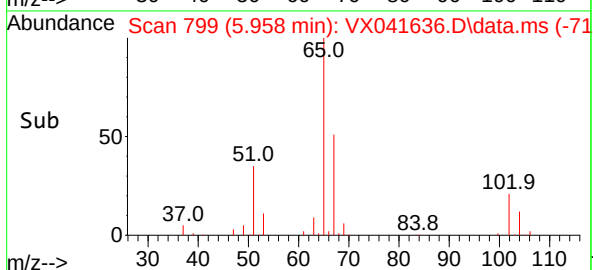
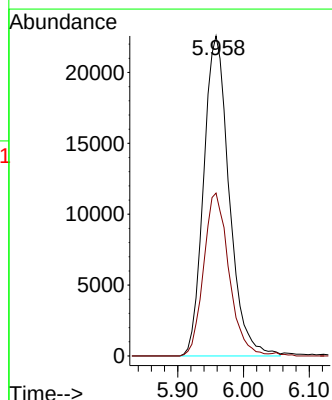
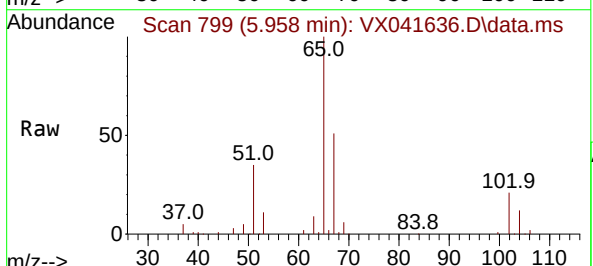
Acq: 23 May 2024 18:05

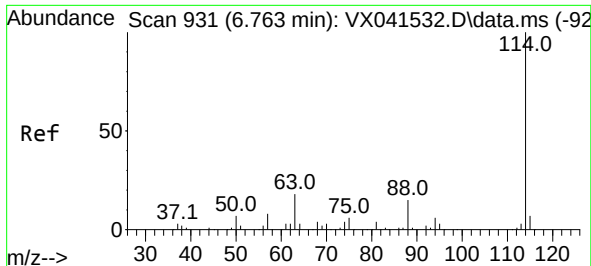
Tgt Ion: 65 Resp: 60933

Ion Ratio Lower Upper

65 100

67 50.5 40.8 61.2

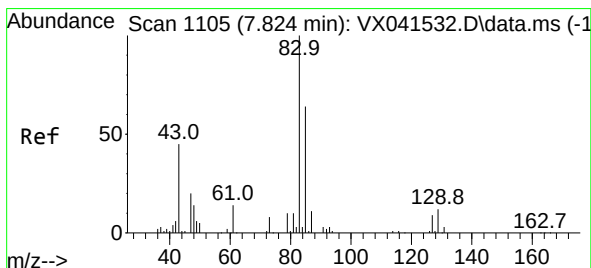
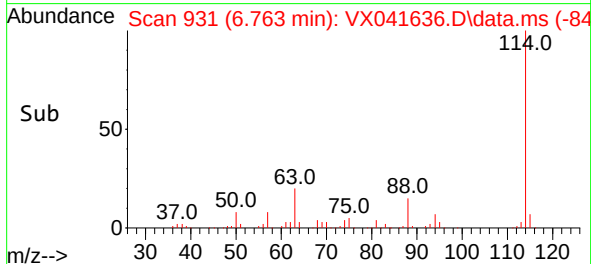
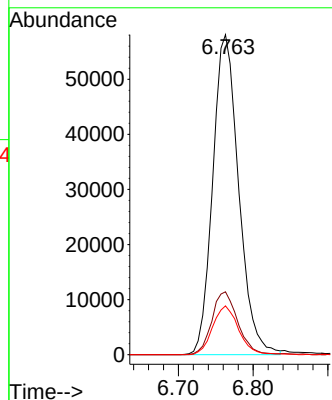
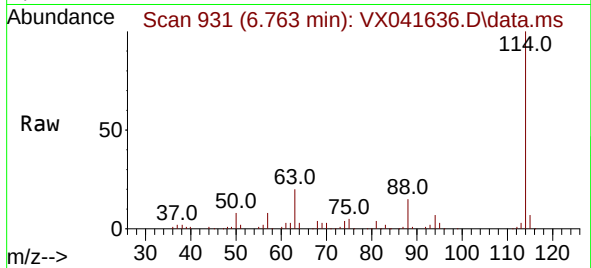




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041636.D
Acq: 23 May 2024 18:05

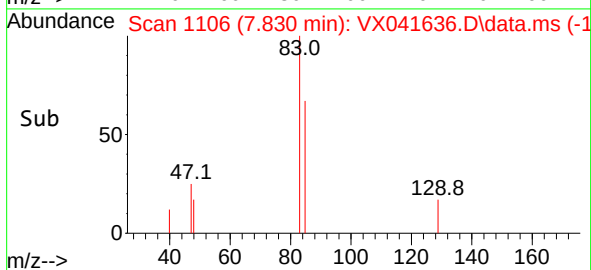
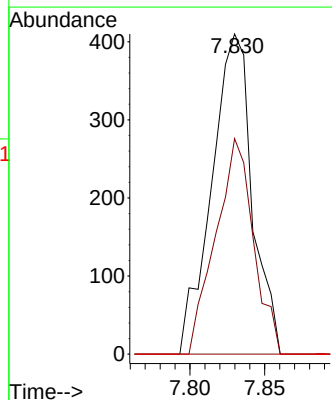
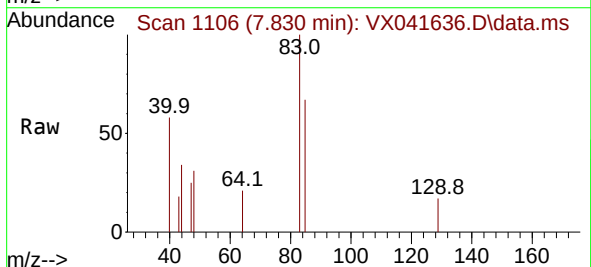
Instrument :
MSVOA_X
ClientSampleId :
240522018-02

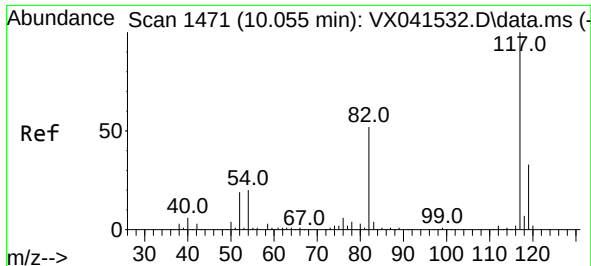
Tgt Ion:114 Resp: 140306
Ion Ratio Lower Upper
114 100
63 19.7 15.4 23.0
88 15.3 12.2 18.2



#41
Bromodichloromethane
Concen: 0.379 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX041636.D
Acq: 23 May 2024 18:05

Tgt Ion: 83 Resp: 775
Ion Ratio Lower Upper
83 100
85 67.3 51.0 76.4
127 0.0 7.1 10.7#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041636.D

Acq: 23 May 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

240522018-02

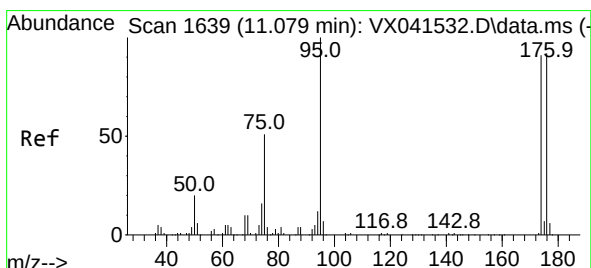
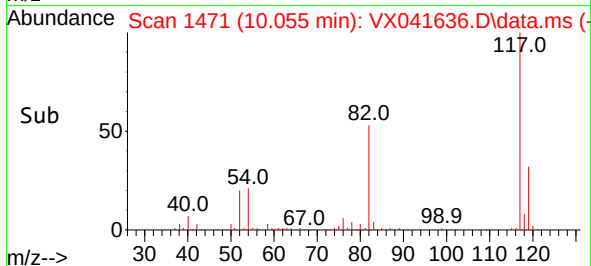
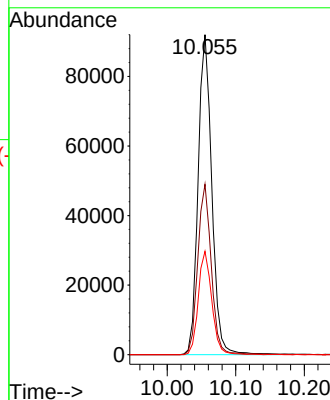
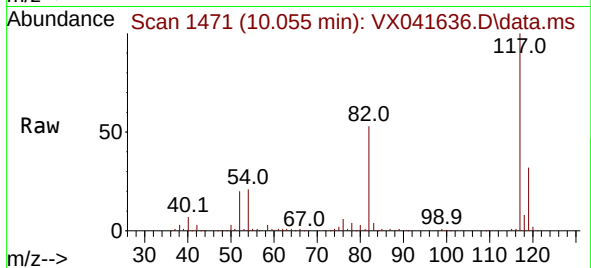
Tgt Ion:117 Resp: 128218

Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 31.7 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 28.473 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041636.D

Acq: 23 May 2024 18:05

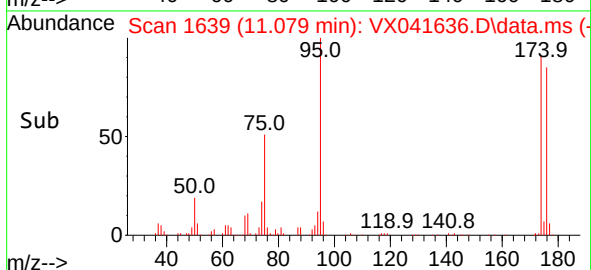
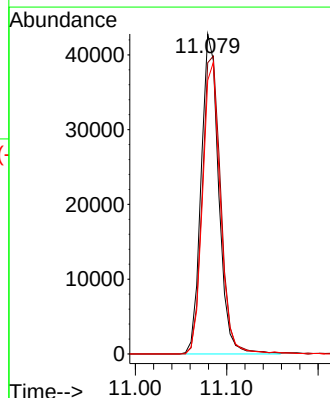
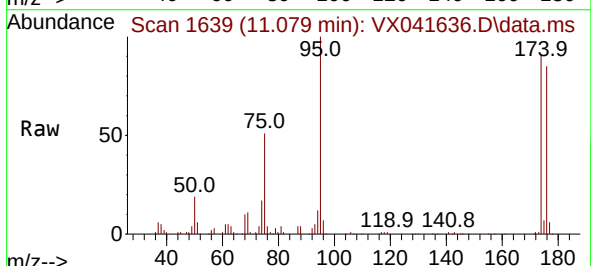
Tgt Ion: 95 Resp: 56990

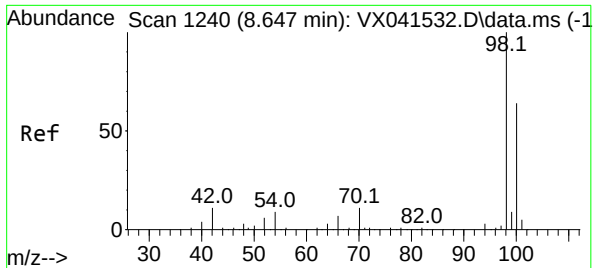
Ion Ratio Lower Upper

95 100

174 97.6 76.6 115.0

176 92.4 75.4 113.0





#63
 Toluene-d8
 Concen: 29.458 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041636.D
 Acq: 23 May 2024 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 240522018-02

Tgt Ion: 98 Resp: 161906
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.1 79.7

