

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041574.D
 Acq On : 16 May 2024 19:18
 Operator : JC/MD
 Sample : P2516-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240515002-14

Quant Time: May 17 02:43:43 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)

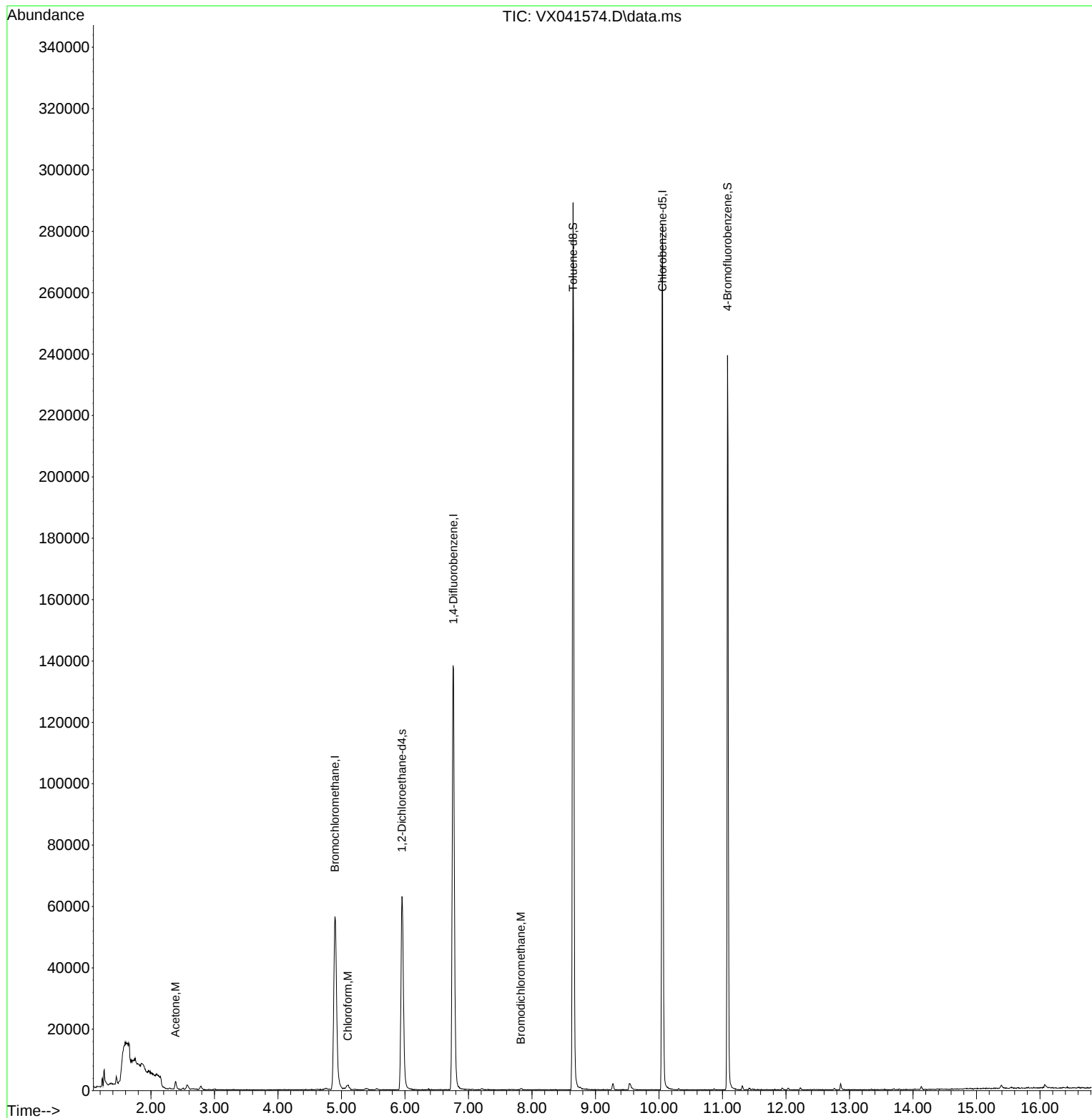
Internal Standards						
1) Bromochloromethane	4.898	128	27336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	147744	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	134861	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63992	29.727	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	11.079	95	59387	28.209	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.033%
63) Toluene-d8	8.647	98	172332	29.810	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	992	3.998	ug/l	89
25) Chloroform	5.099	83	2030	0.651	ug/l	92
41) Bromodichloromethane	7.824	83	439	0.204	ug/l #	92

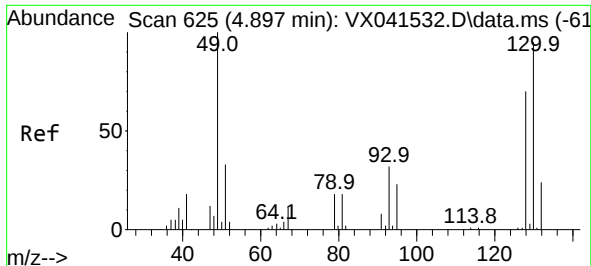
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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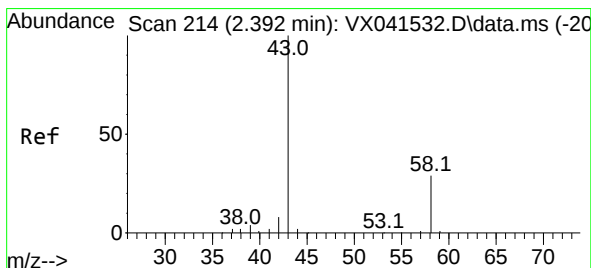
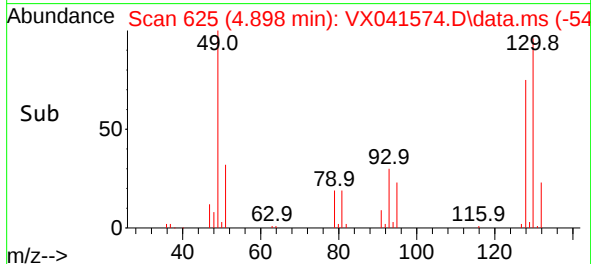
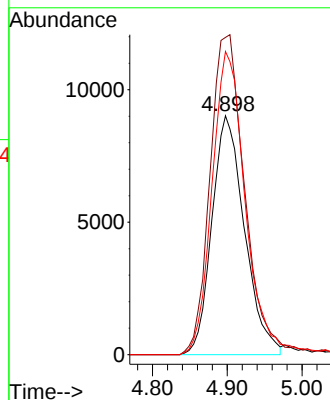
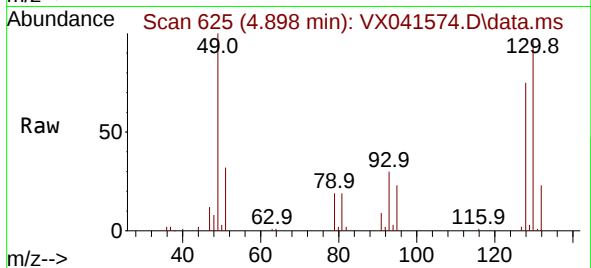




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041574.D
Acq: 16 May 2024 19:18

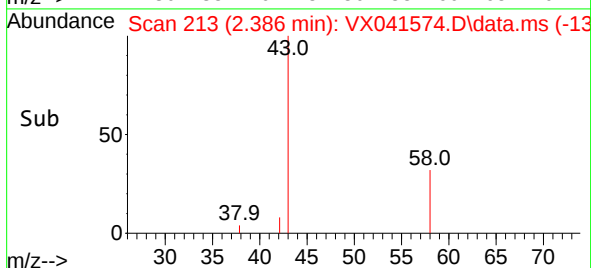
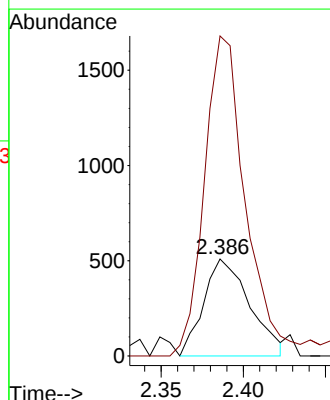
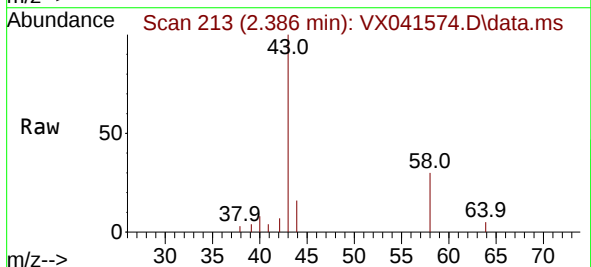
Instrument :
MSVOA_X
ClientSampleId :
240515002-14

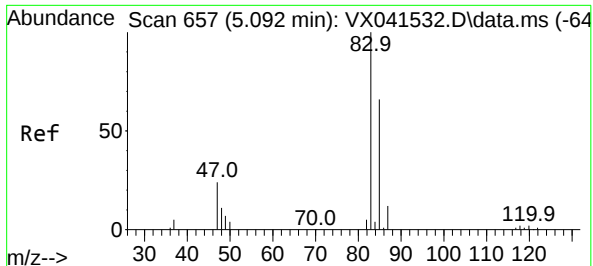
Tgt Ion:128 Resp: 27336
Ion Ratio Lower Upper
128 100
49 141.8 0.0 361.5
130 128.1 0.0 324.3



#15
Acetone
Concen: 3.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041574.D
Acq: 16 May 2024 19:18

Tgt Ion: 58 Resp: 992
Ion Ratio Lower Upper
58 100
43 319.1 274.0 411.0





#25

Chloroform

Concen: 0.651 ug/l

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX041574.D

Acq: 16 May 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

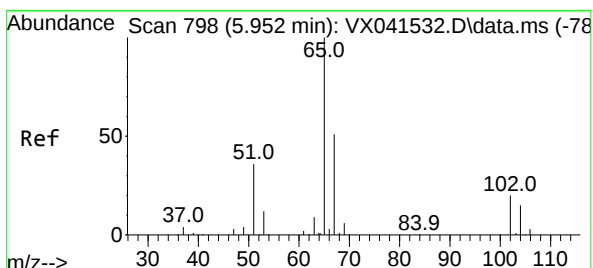
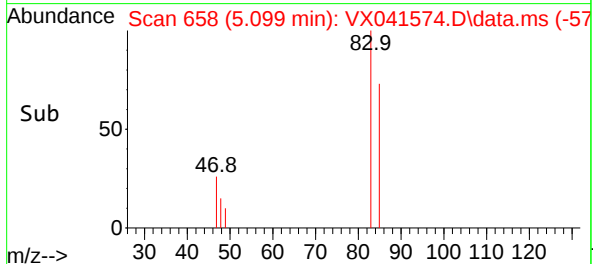
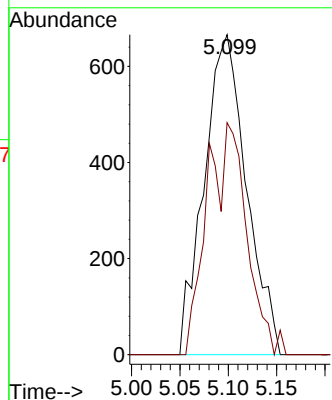
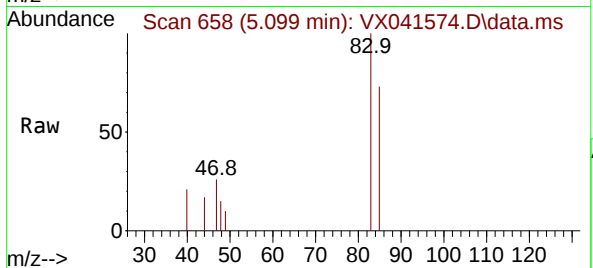
240515002-14

Tgt Ion: 83 Resp: 2030

Ion Ratio Lower Upper

83 100

85 72.5 52.9 79.3



#27

1,2-Dichloroethane-d4

Concen: 29.727 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041574.D

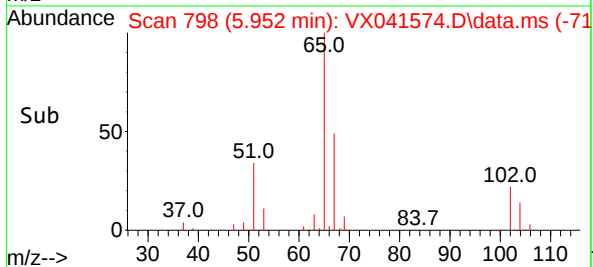
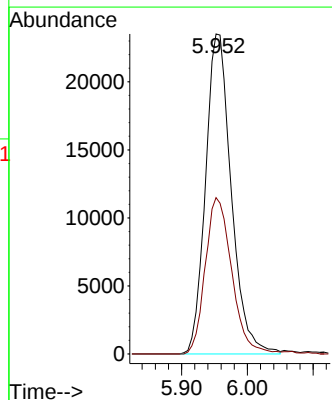
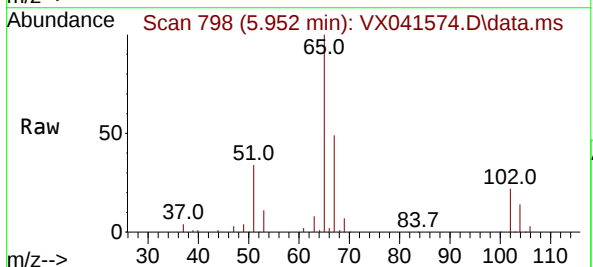
Acq: 16 May 2024 19:18

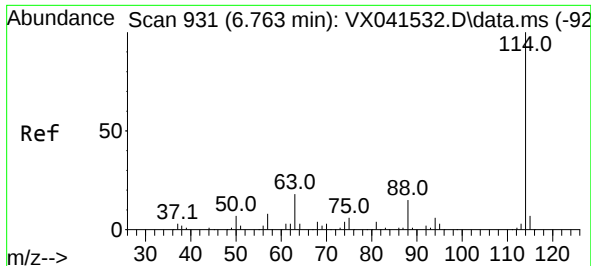
Tgt Ion: 65 Resp: 63992

Ion Ratio Lower Upper

65 100

67 50.3 40.8 61.2

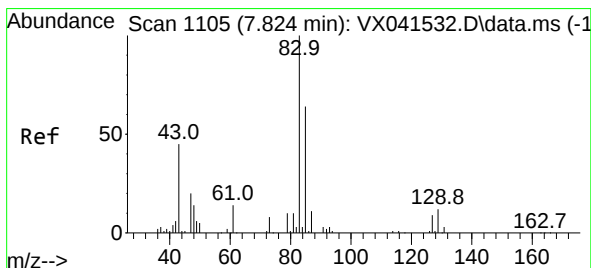
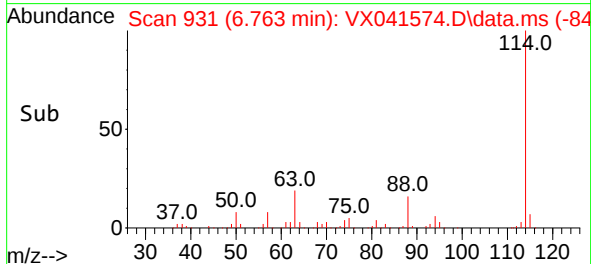
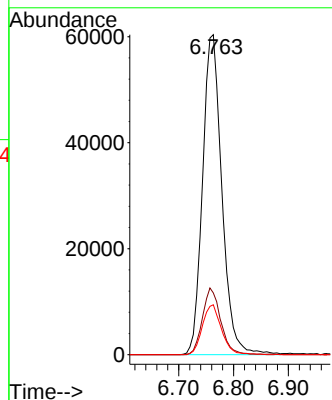
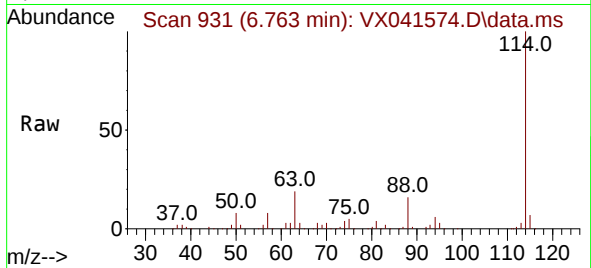




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041574.D
Acq: 16 May 2024 19:18

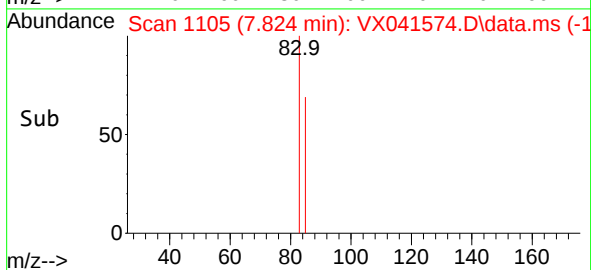
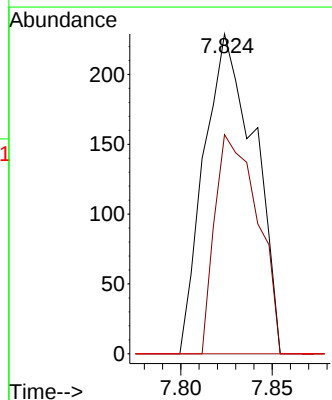
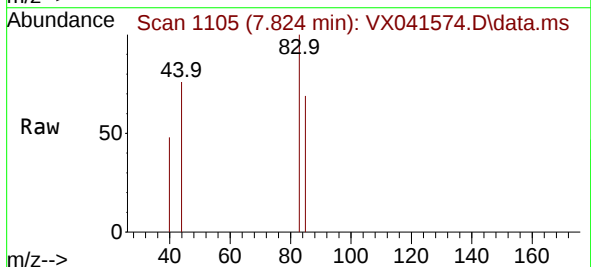
Instrument :
MSVOA_X
ClientSampleId :
240515002-14

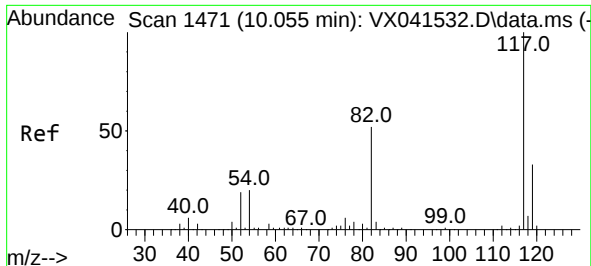
Tgt Ion:114 Resp: 147744
Ion Ratio Lower Upper
114 100
63 19.6 15.4 23.0
88 15.4 12.2 18.2



#41
Bromodichloromethane
Concen: 0.204 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041574.D
Acq: 16 May 2024 19:18

Tgt Ion: 83 Resp: 439
Ion Ratio Lower Upper
83 100
85 68.6 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: VX041574.D

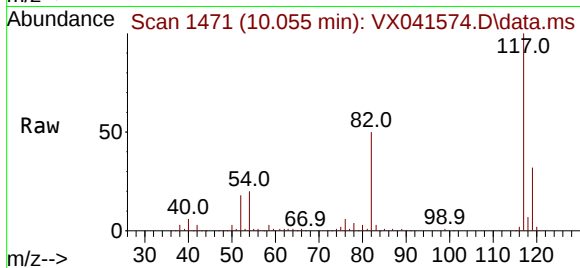
Acq: 16 May 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

240515002-14



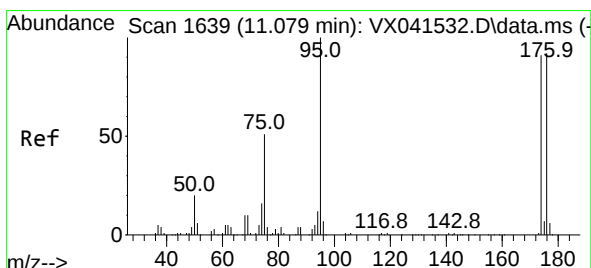
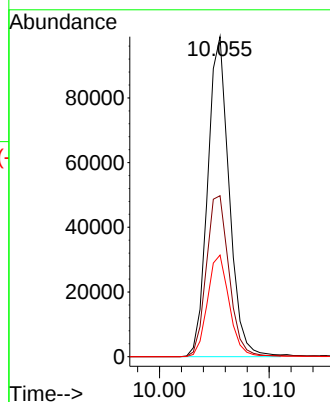
Tgt Ion:117 Resp: 134861

Ion Ratio Lower Upper

117 100

82 53.1 41.7 62.5

119 32.3 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 28.209 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041574.D

Acq: 16 May 2024 19:18

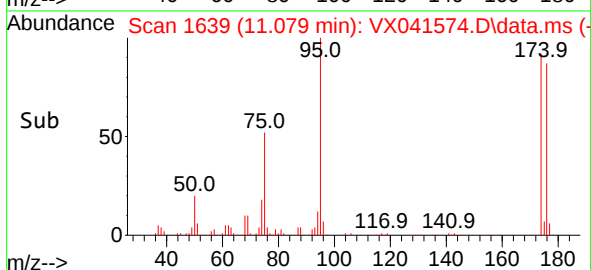
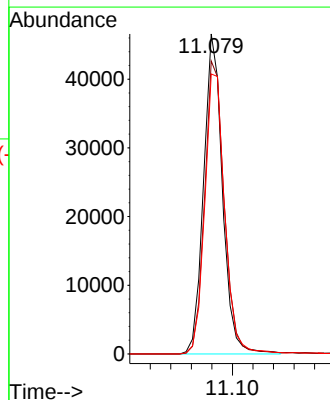
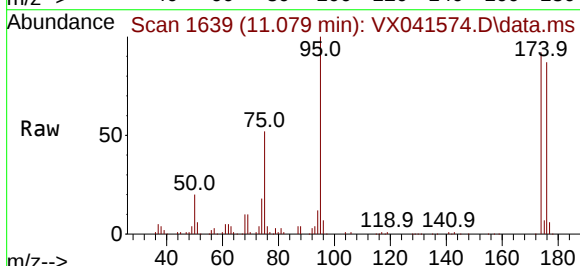
Tgt Ion: 95 Resp: 59387

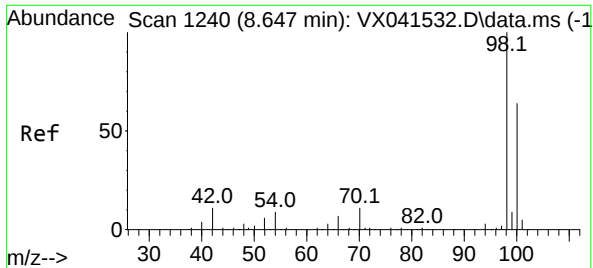
Ion Ratio Lower Upper

95 100

174 95.4 76.6 115.0

176 92.9 75.4 113.0





#63
 Toluene-d8
 Concen: 29.810 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041574.D
 Acq: 16 May 2024 19:18

Instrument :
 MSVOA_X
 ClientSampleId :
 240515002-14

Tgt Ion: 98 Resp: 172332
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.1 79.7

