

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041687.D
 Acq On : 30 May 2024 11:58
 Operator : JC/MD
 Sample : P2621-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240522011-02

Quant Time: May 31 05:29:07 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)

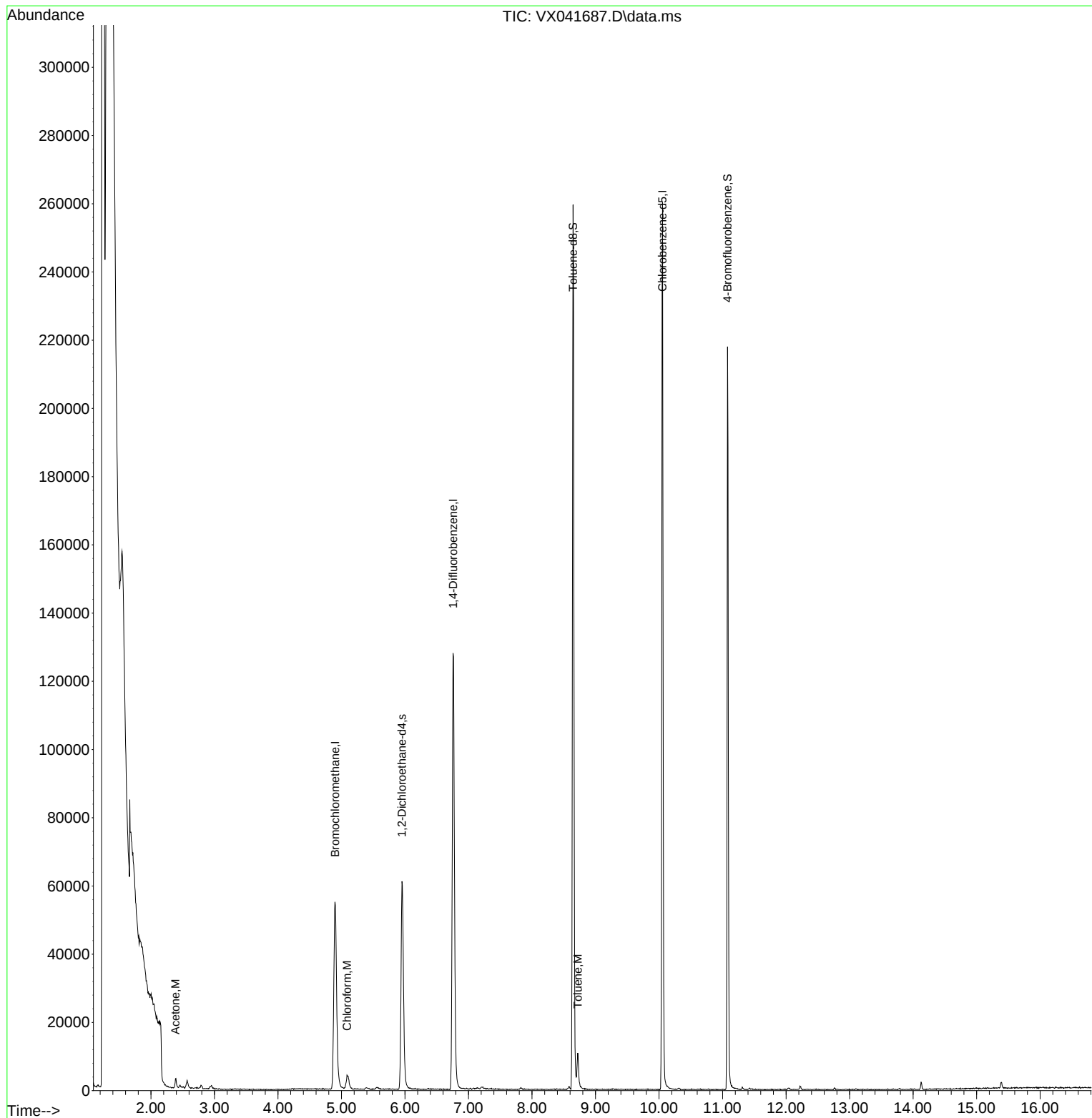
Internal Standards						
1) Bromochloromethane	4.897	128	26864	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	136849	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124360	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61043	28.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.167%
60) 4-Bromofluorobenzene	11.079	95	53388	27.500	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.667%
63) Toluene-d8	8.647	98	156821	29.418	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.067%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	855	3.506	ug/l	88
25) Chloroform	5.086	83	5254	1.715	ug/l #	81
62) Toluene	8.720	91	7212	1.165	ug/l	97

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

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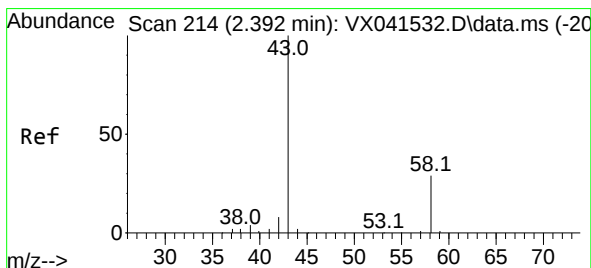
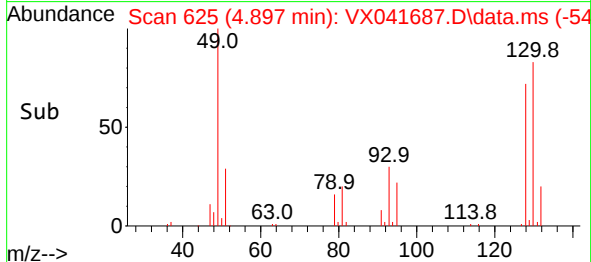
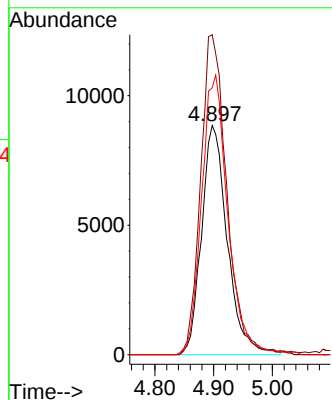
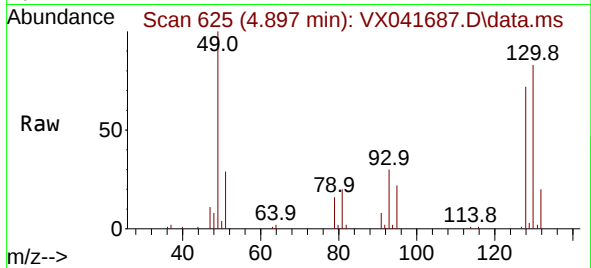




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

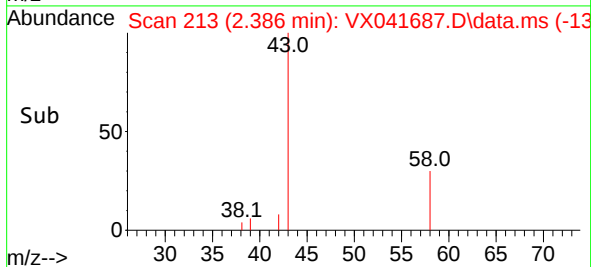
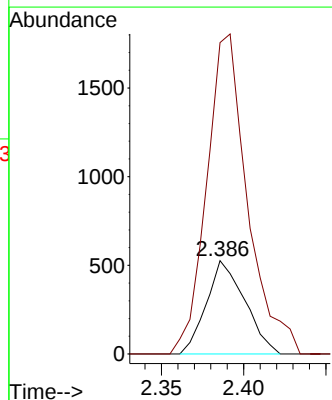
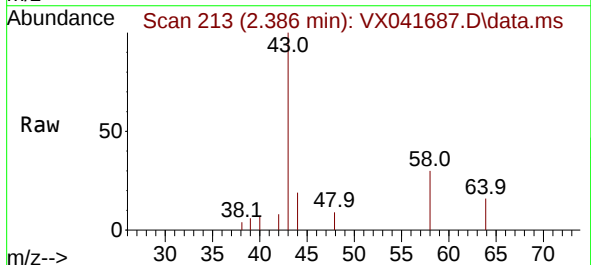
Instrument :
MSVOA_X
ClientSampleId :
240522011-02

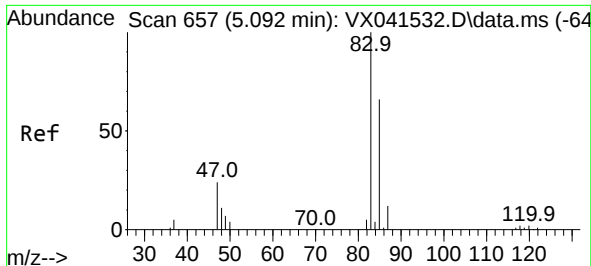
Tgt Ion:128 Resp: 26864
Ion Ratio Lower Upper
128 100
49 141.5 0.0 361.5
130 124.4 0.0 324.3



#15
Acetone
Concen: 3.506 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

Tgt Ion: 58 Resp: 855
Ion Ratio Lower Upper
58 100
43 317.7 274.0 411.0

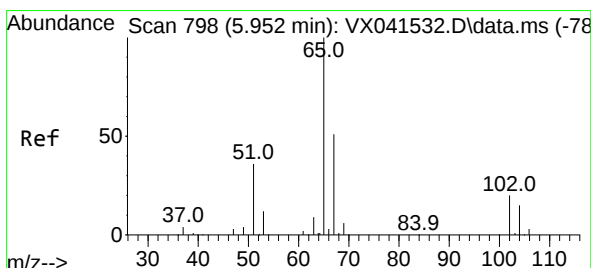
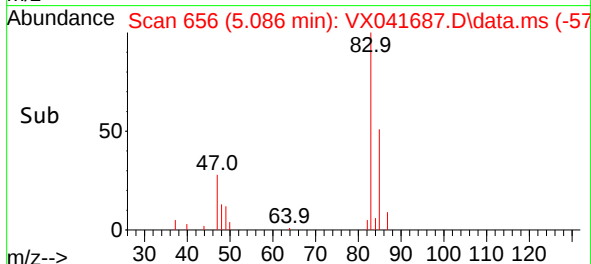
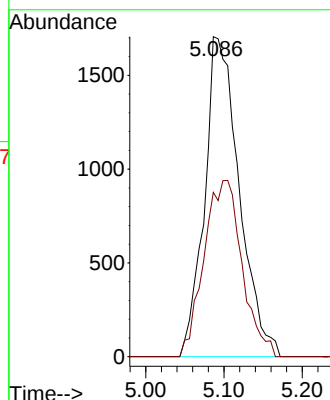
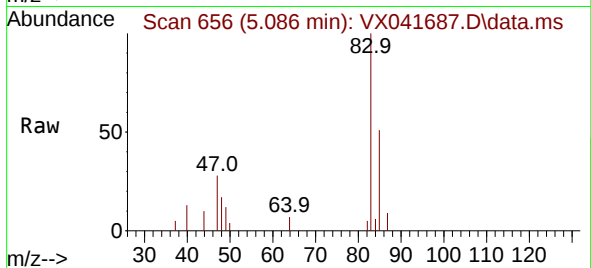




#25
Chloroform
Concen: 1.715 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

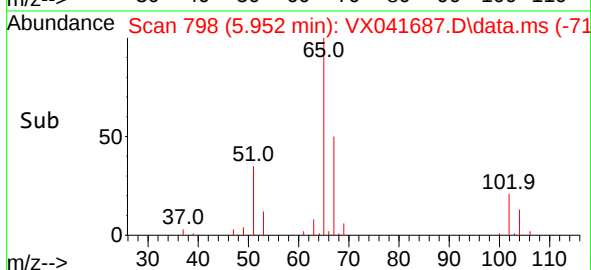
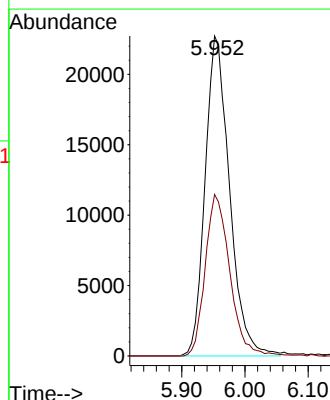
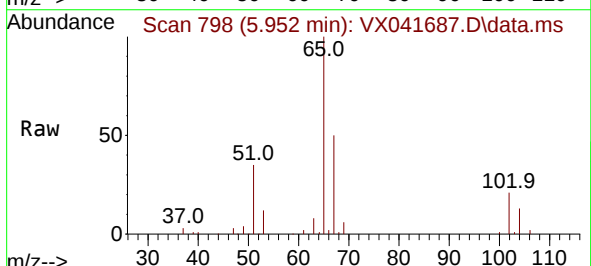
Instrument :
MSVOA_X
ClientSampleId :
240522011-02

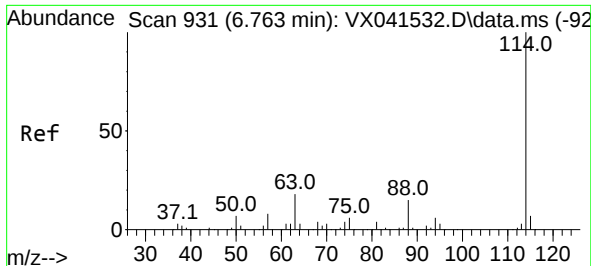
Tgt Ion: 83 Resp: 5254
Ion Ratio Lower Upper
83 100
85 51.3 52.9 79.3#



#27
1,2-Dichloroethane-d4
Concen: 28.855 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

Tgt Ion: 65 Resp: 61043
Ion Ratio Lower Upper
65 100
67 50.2 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: VX041687.D

Acq: 30 May 2024 11:58

Instrument :

MSVOA_X

ClientSampleId :

240522011-02

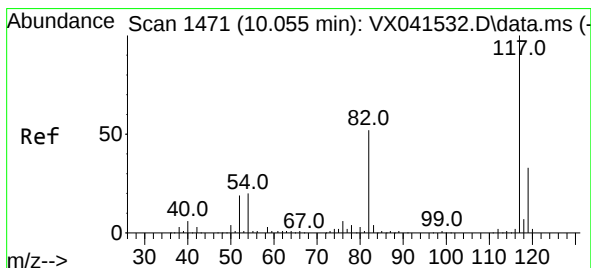
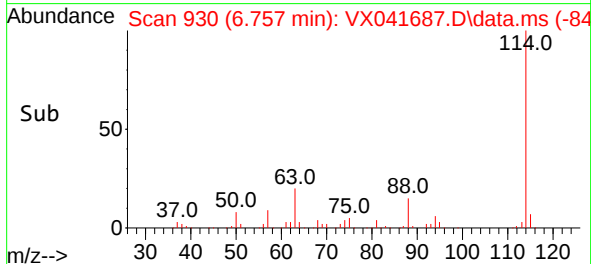
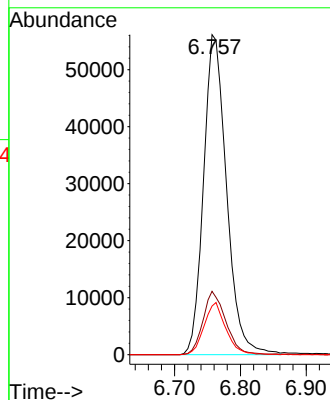
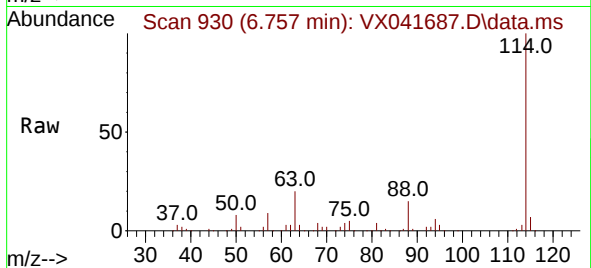
Tgt Ion:114 Resp: 136849

Ion Ratio Lower Upper

114 100

63 19.5 15.4 23.0

88 15.3 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: VX041687.D

Acq: 30 May 2024 11:58

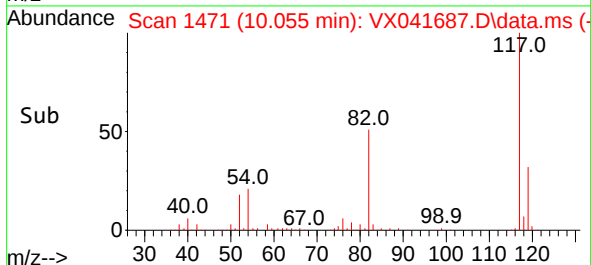
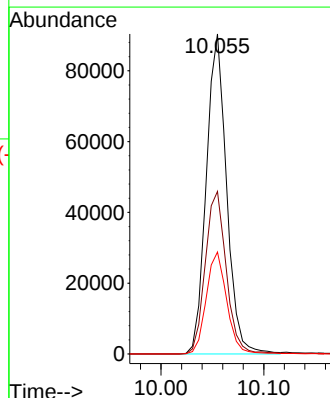
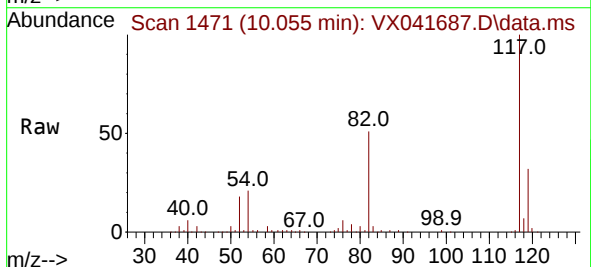
Tgt Ion:117 Resp: 124360

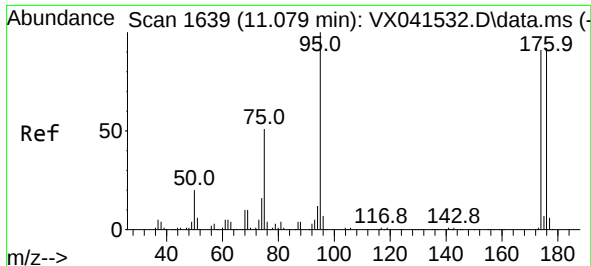
Ion Ratio Lower Upper

117 100

82 52.6 41.7 62.5

119 32.2 25.7 38.5

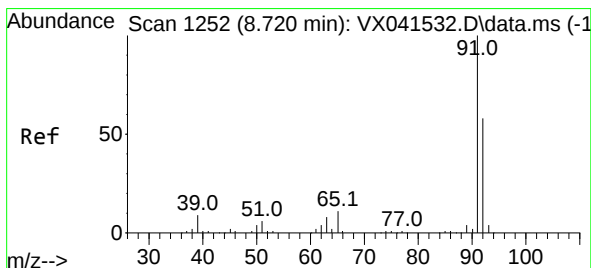
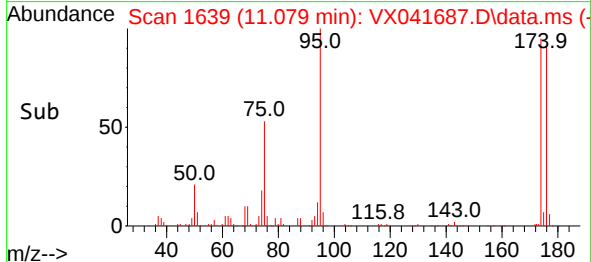
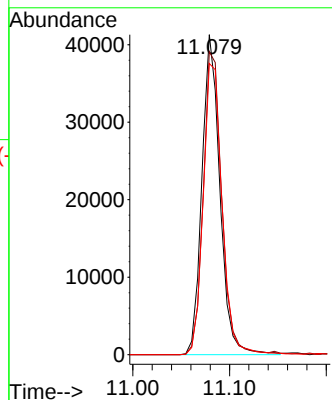
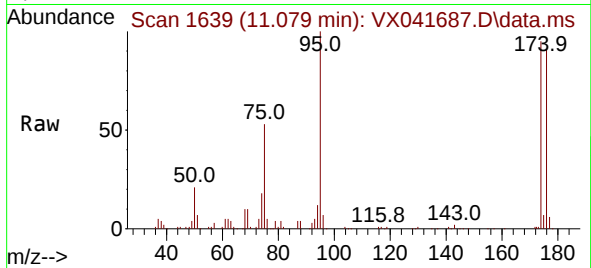




#60
4-Bromofluorobenzene
Concen: 27.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

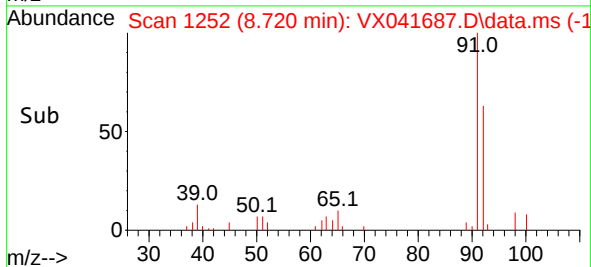
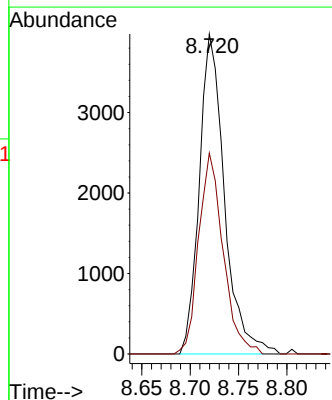
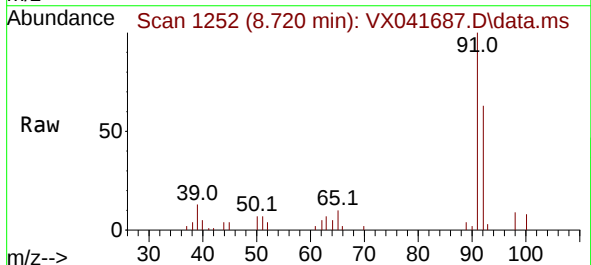
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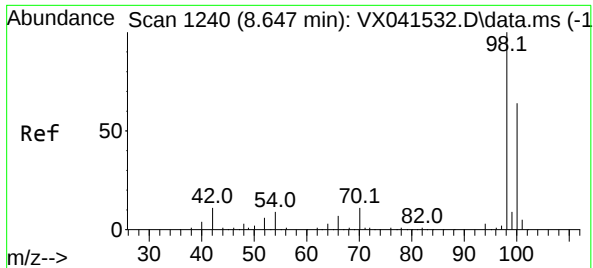
Tgt Ion: 95 Resp: 53388
Ion Ratio Lower Upper
95 100
174 97.4 76.6 115.0
176 95.9 75.4 113.0



#62
Toluene
Concen: 1.165 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

Tgt Ion: 91 Resp: 7212
Ion Ratio Lower Upper
91 100
92 61.1 47.0 70.6





#63
Toluene-d8
Concen: 29.418 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041687.D
Acq: 30 May 2024 11:58

Instrument :
MSVOA_X
ClientSampleId :
240522011-02

Tgt Ion: 98 Resp: 156821
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

