

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041563.D
 Acq On : 16 May 2024 15:06
 Operator : JC/MD
 Sample : P2505-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240507057-01

Quant Time: May 17 02:40:15 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)

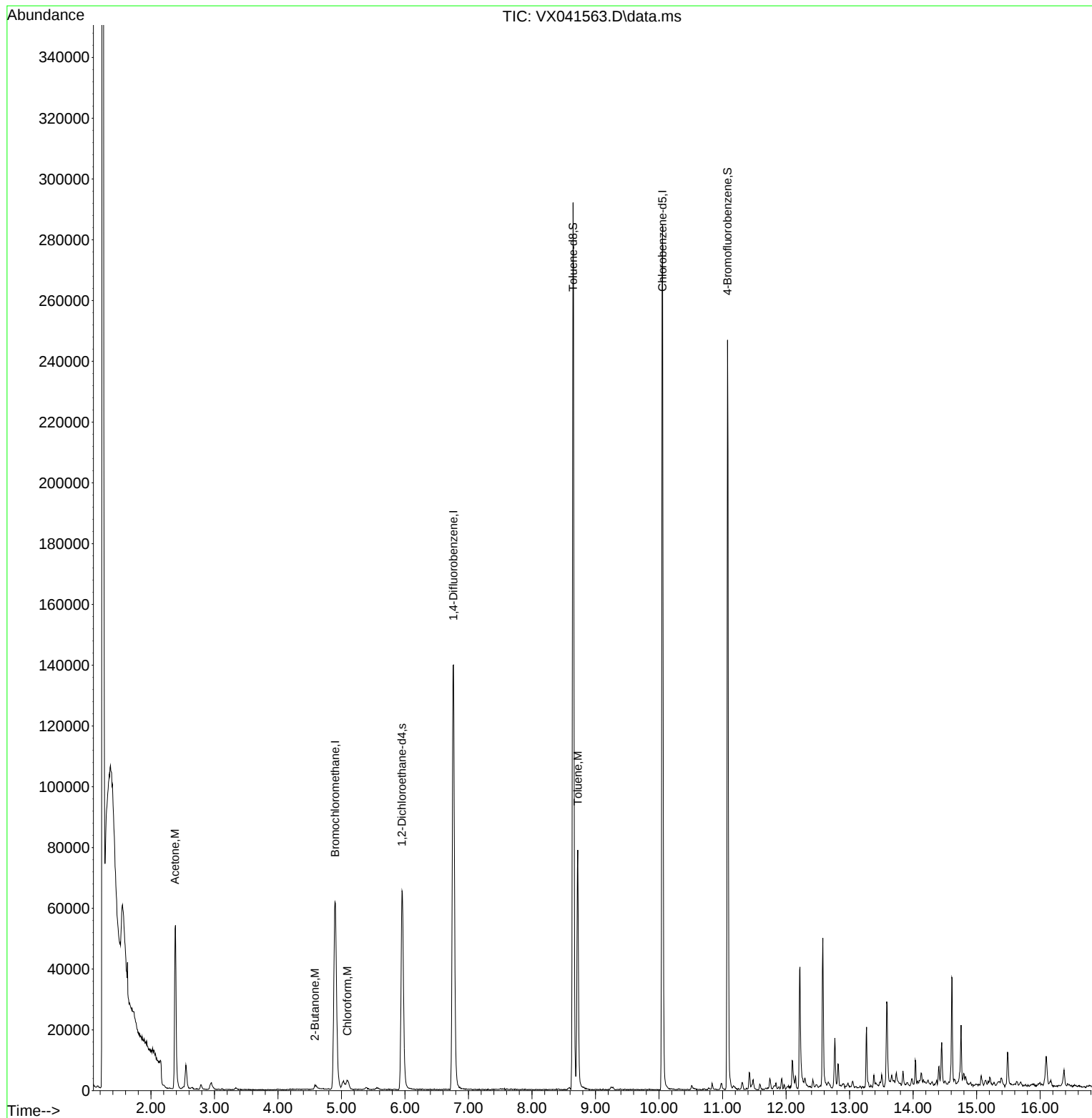
Internal Standards						
1) Bromochloromethane	4.897	128	28688	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	150882	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	137850	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66815	29.575	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.600%
60) 4-Bromofluorobenzene	11.079	95	61484	28.571	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.233%
63) Toluene-d8	8.647	98	177756	30.082	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	17283	66.371	ug/l	96
25) Chloroform	5.092	83	3575m	1.093	ug/l	
30) 2-Butanone	4.580	43	3411m	2.575	ug/l	
62) Toluene	8.720	91	53290	7.769	ug/l	98

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

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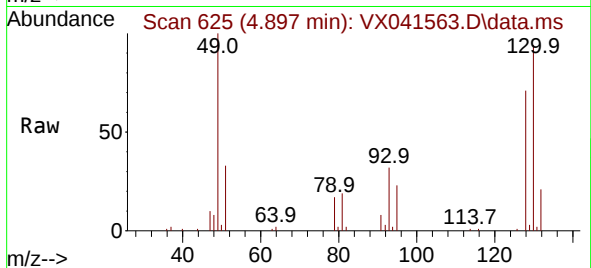
Quant Time: May 17 02:40:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
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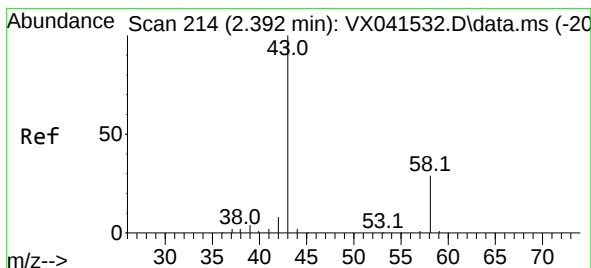
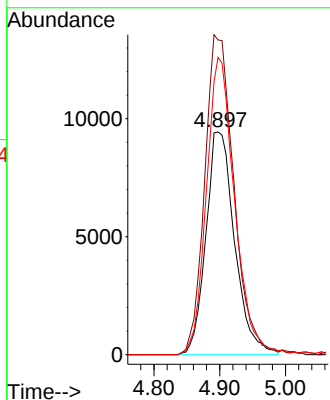
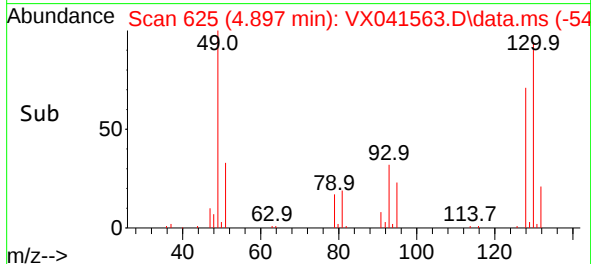


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041563.D
Acq: 16 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
240507057-01

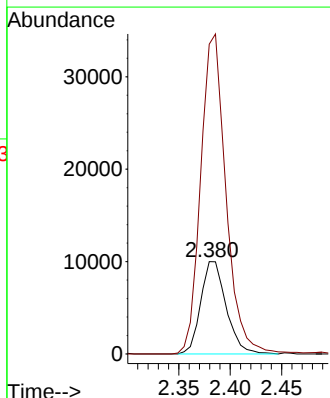
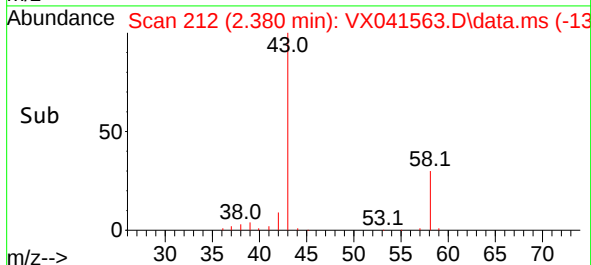
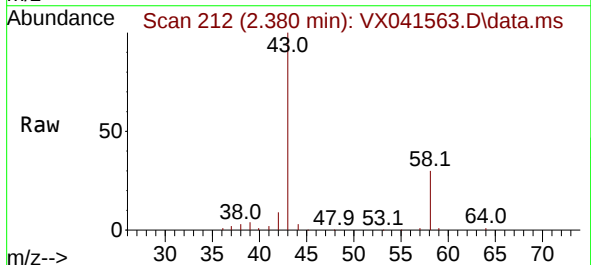


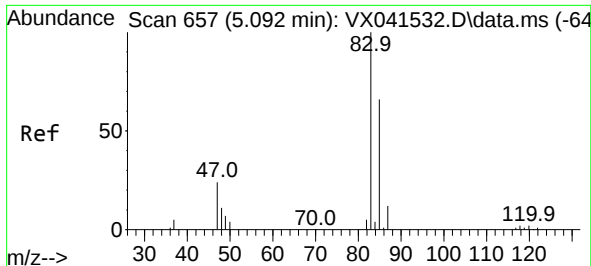
Tgt Ion:128 Resp: 28688
Ion Ratio Lower Upper
128 100
49 145.7 0.0 361.5
130 130.7 0.0 324.3



#15
Acetone
Concen: 66.371 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041563.D
Acq: 16 May 2024 15:06

Tgt Ion: 58 Resp: 17283
Ion Ratio Lower Upper
58 100
43 334.5 274.0 411.0





#25

Chloroform

Concen: 1.093 ug/l m

RT: 5.092 min Scan# 6

Delta R.T. 0.000 min

Lab File: VX041563.D

Acq: 16 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

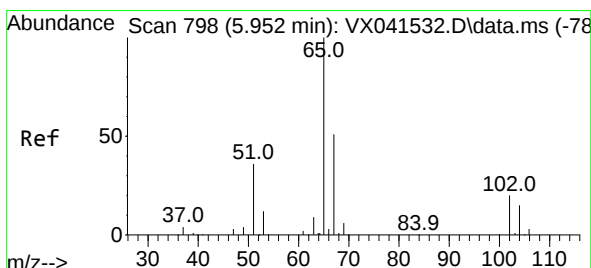
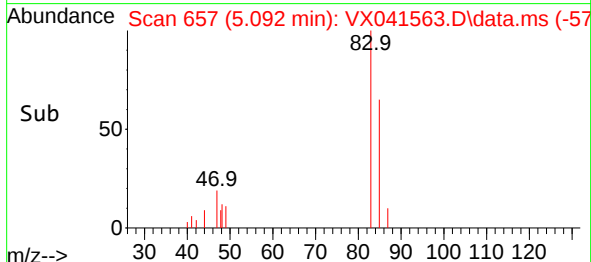
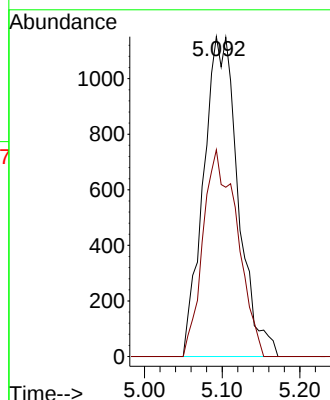
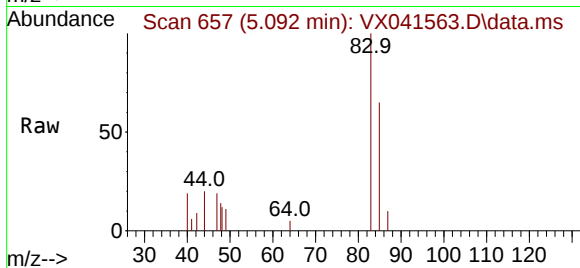
240507057-01

Tgt Ion: 83 Resp: 3575

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3



#27

1,2-Dichloroethane-d4

Concen: 29.575 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041563.D

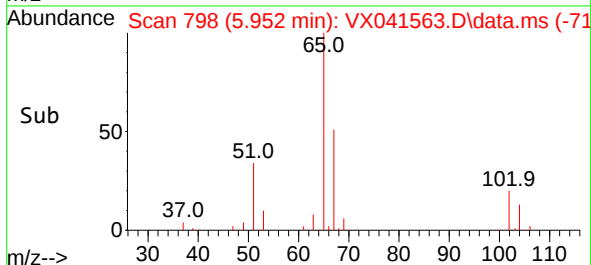
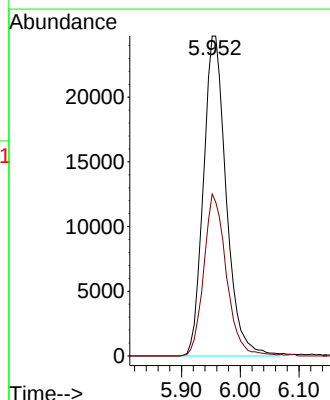
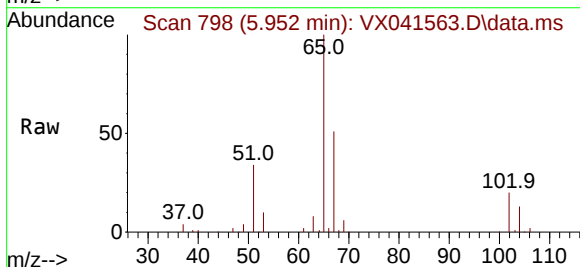
Acq: 16 May 2024 15:06

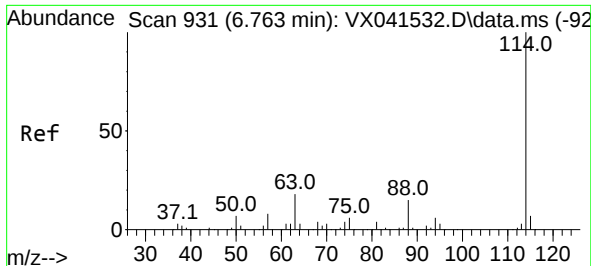
Tgt Ion: 65 Resp: 66815

Ion Ratio Lower Upper

65 100

67 49.9 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: VX041563.D

Acq: 16 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

240507057-01

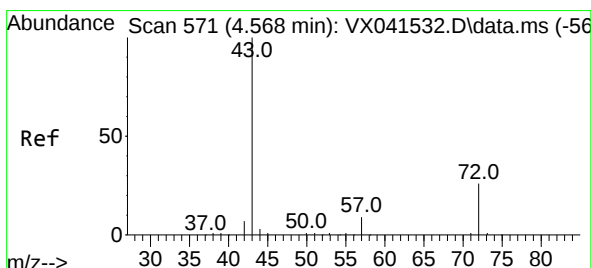
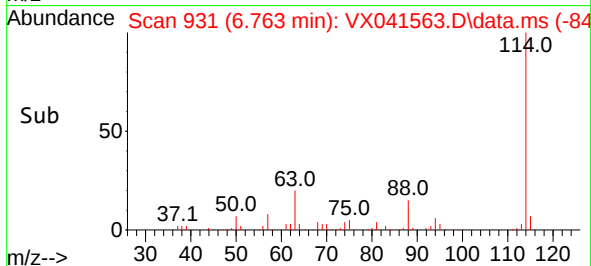
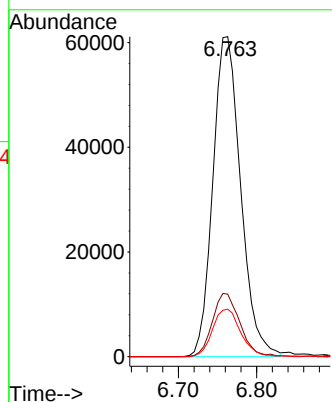
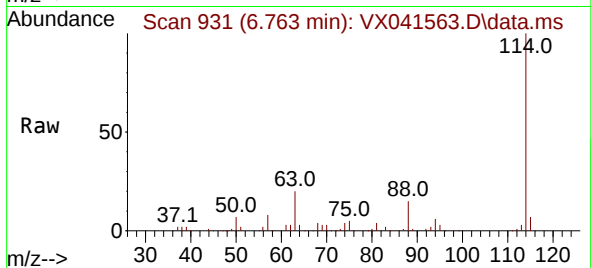
Tgt Ion:114 Resp: 150882

Ion Ratio Lower Upper

114 100

63 19.6 15.4 23.0

88 15.0 12.2 18.2



#30

2-Butanone

Concen: 2.575 ug/l m

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX041563.D

Acq: 16 May 2024 15:06

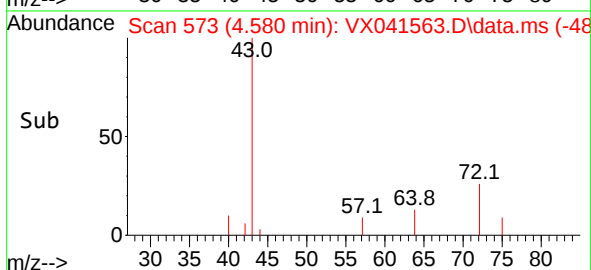
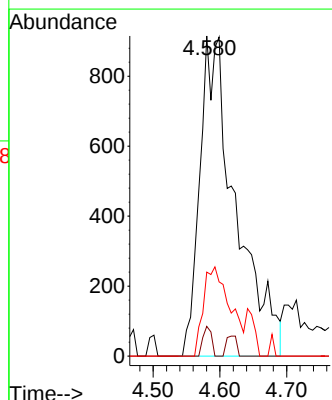
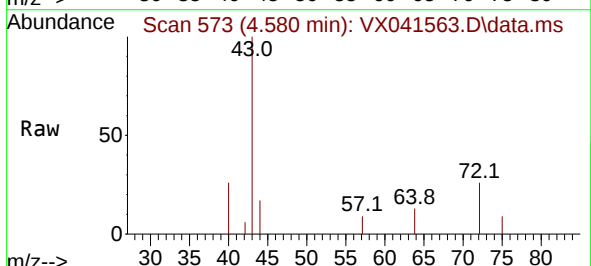
Tgt Ion: 43 Resp: 3411

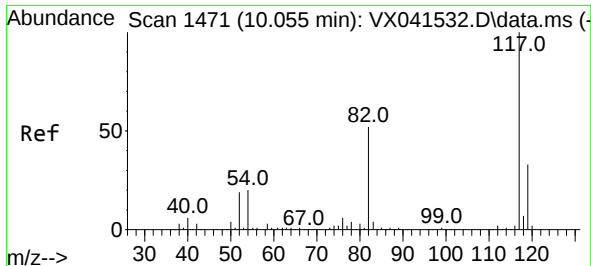
Ion Ratio Lower Upper

43 100

57 2.2 6.6 10.0#

72 0.0 20.7 31.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041563.D

Acq: 16 May 2024 15:06

Instrument :

MSVOA_X

ClientSampleId :

240507057-01

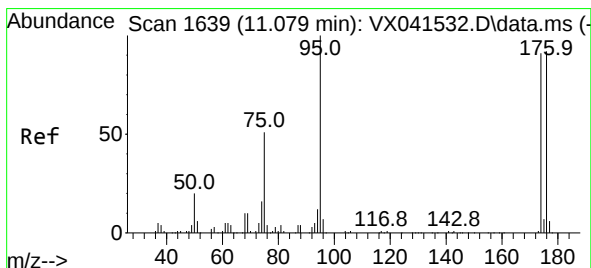
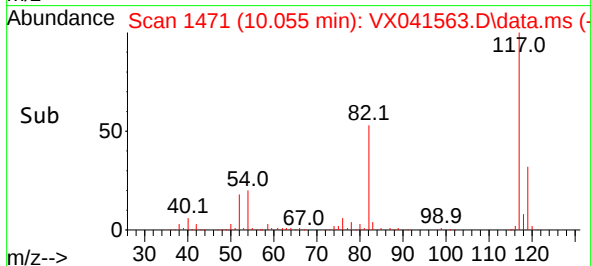
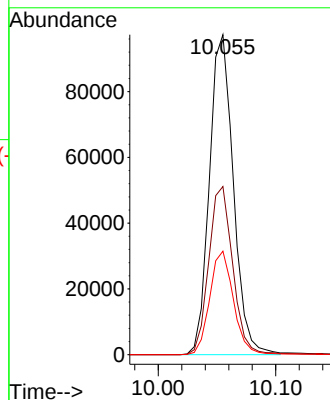
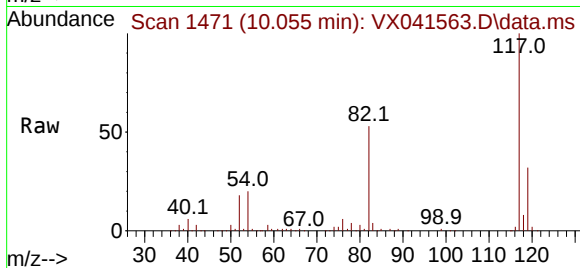
Tgt Ion:117 Resp: 137850

Ion Ratio Lower Upper

117 100

82 52.9 41.7 62.5

119 32.2 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 28.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041563.D

Acq: 16 May 2024 15:06

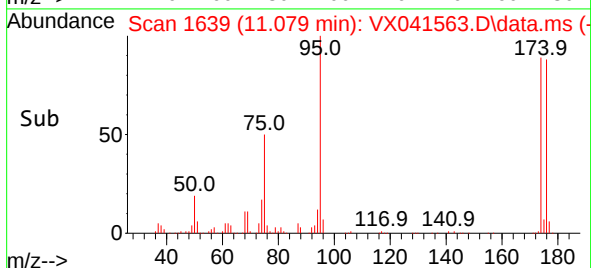
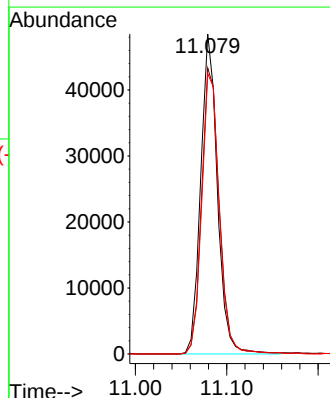
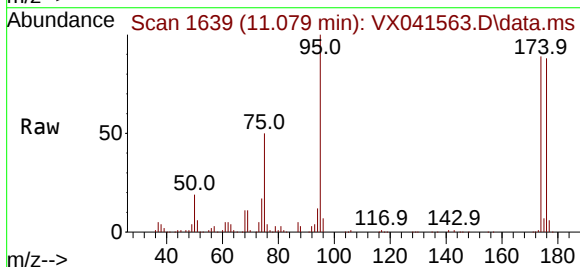
Tgt Ion: 95 Resp: 61484

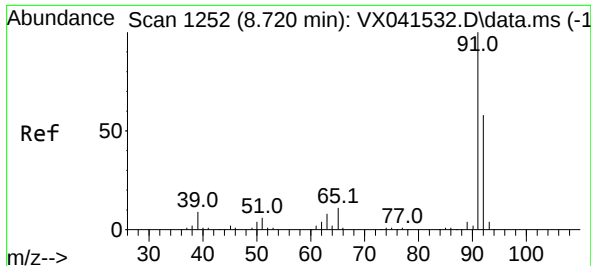
Ion Ratio Lower Upper

95 100

174 94.6 76.6 115.0

176 91.6 75.4 113.0

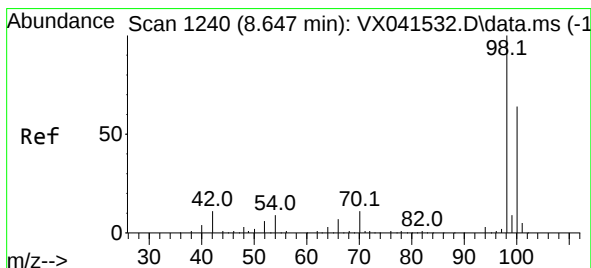
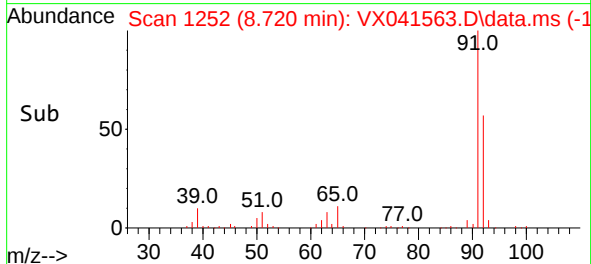
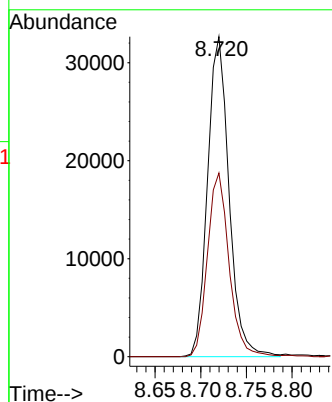
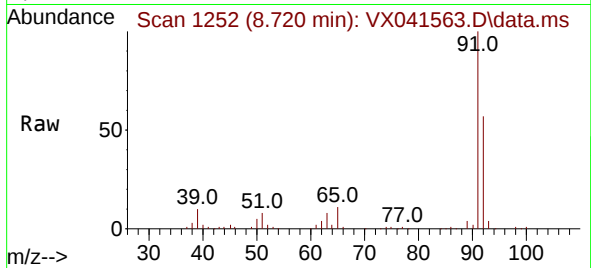




#62
Toluene
Concen: 7.769 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041563.D
Acq: 16 May 2024 15:06

Instrument :
MSVOA_X
ClientSampleId :
240507057-01

Tgt Ion: 91 Resp: 53290
Ion Ratio Lower Upper
91 100
92 57.7 47.0 70.6



#63
Toluene-d8
Concen: 30.082 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041563.D
Acq: 16 May 2024 15:06

Tgt Ion: 98 Resp: 177756
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

