

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041570.D
 Acq On : 16 May 2024 17:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 17 02:42:28 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)

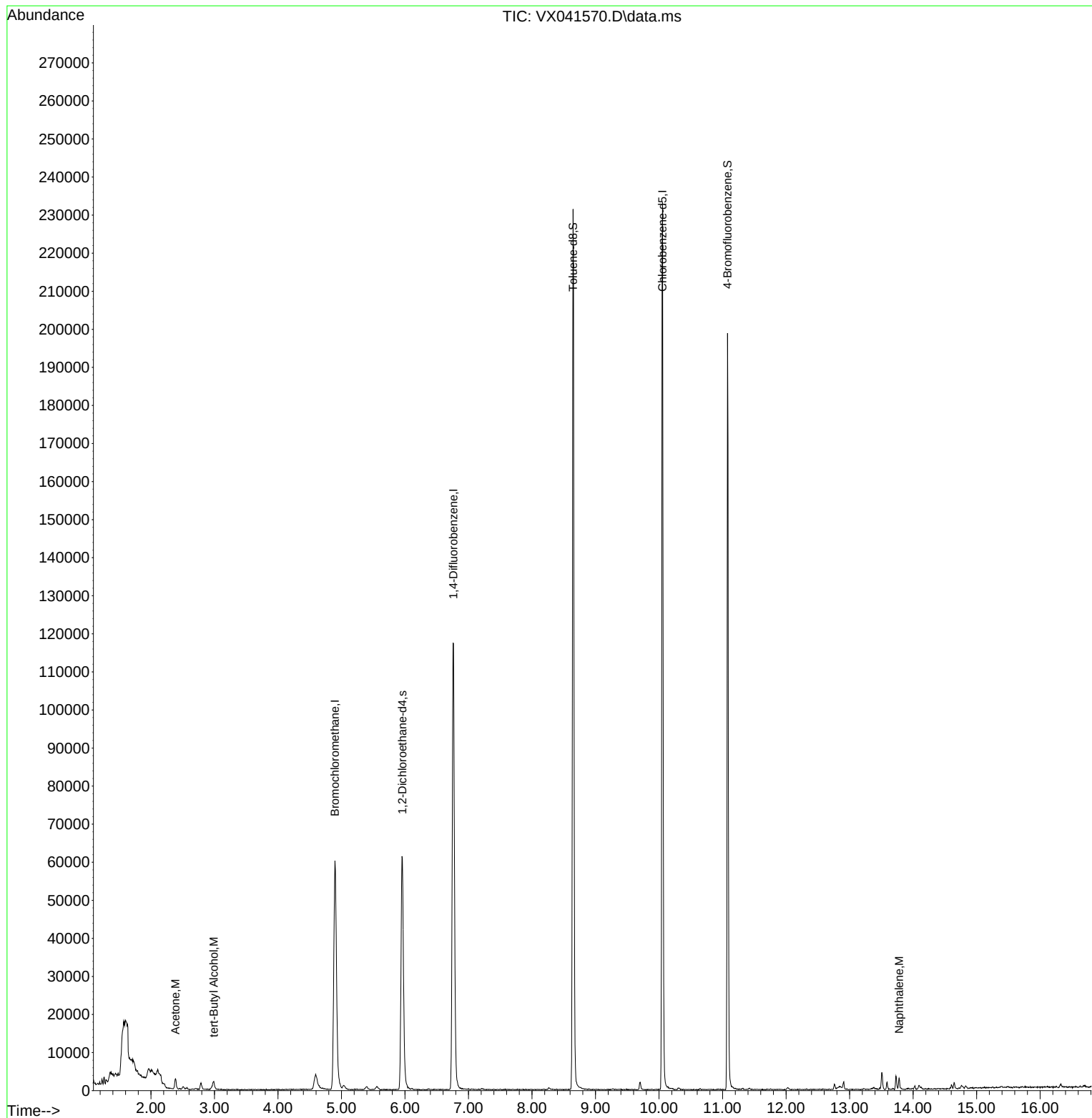
Internal Standards						
1) Bromochloromethane	4.897	128	27528	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	127340	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	113693	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62355	28.764	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.867%
60) 4-Bromofluorobenzene	11.079	95	47330	26.667	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.900%
63) Toluene-d8	8.647	98	144723	29.696	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.000%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	907	3.630	ug/l	85
23) tert-Butyl Alcohol	2.989	59	2904	7.338	ug/l #	100
91) Naphthalene	13.780	128	2288	0.339	ug/l #	93

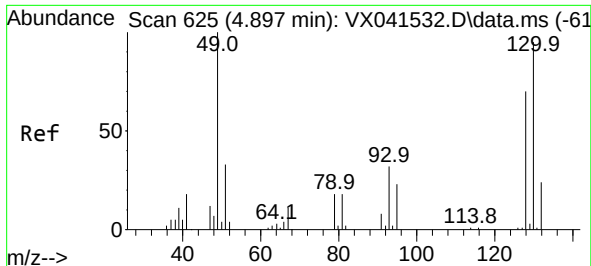
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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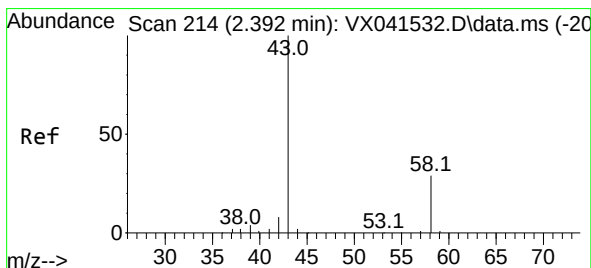
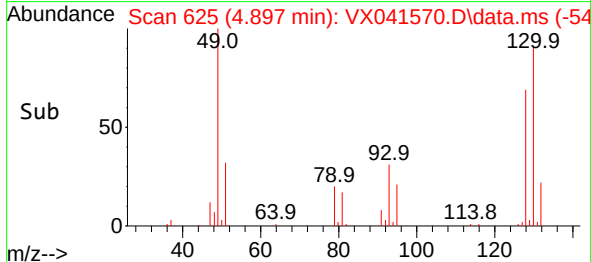
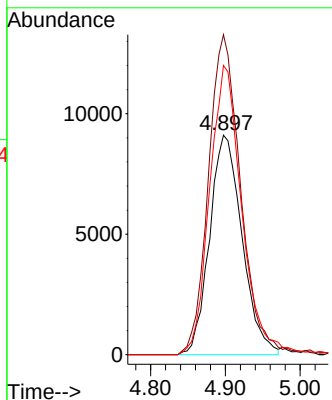
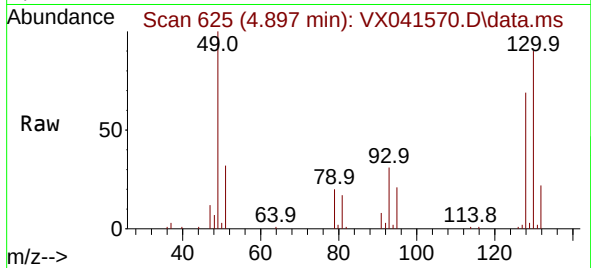




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041570.D
Acq: 16 May 2024 17:47

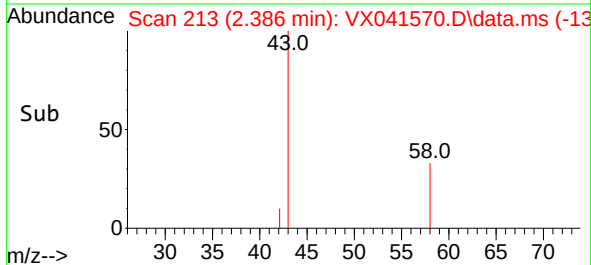
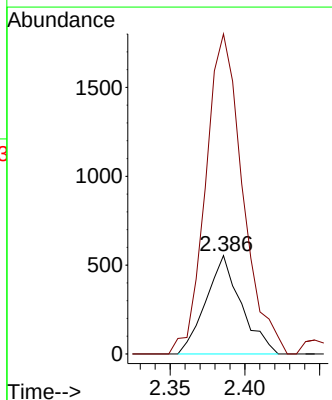
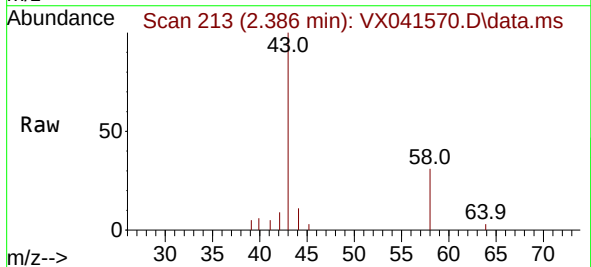
Instrument :
MSVOA_X
ClientSampleId :
IBLK

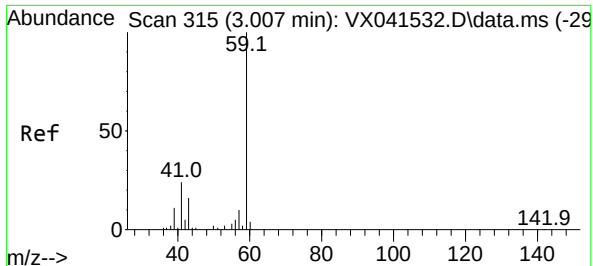
Tgt Ion:128 Resp: 27528
Ion Ratio Lower Upper
128 100
49 143.6 0.0 361.5
130 130.9 0.0 324.3



#15
Acetone
Concen: 3.630 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041570.D
Acq: 16 May 2024 17:47

Tgt Ion: 58 Resp: 907
Ion Ratio Lower Upper
58 100
43 309.4 274.0 411.0





#23

tert-Butyl Alcohol

Concen: 7.338 ug/l

RT: 2.989 min Scan# 315

Delta R.T. -0.018 min

Lab File: VX041570.D

Acq: 16 May 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

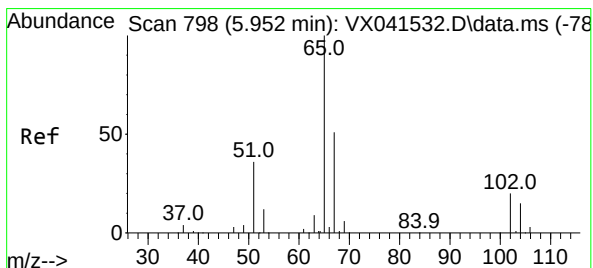
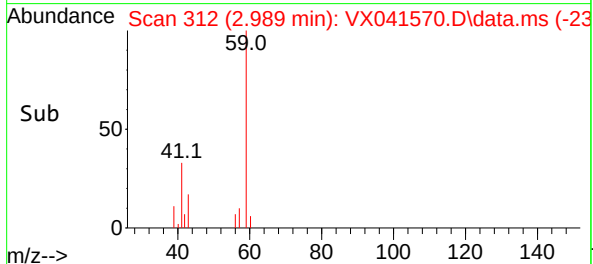
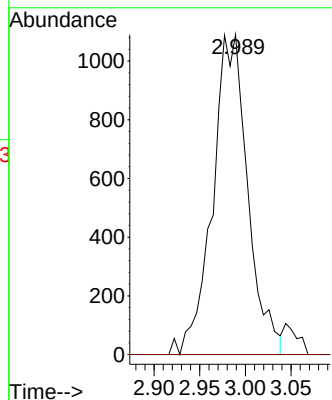
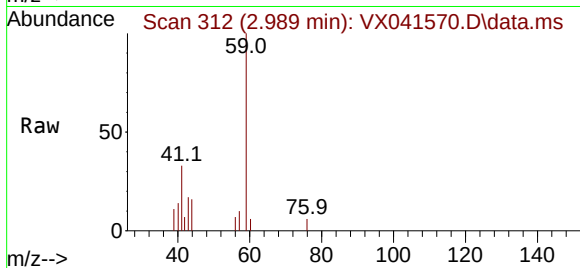
IBLK

Tgt Ion: 59 Resp: 2904

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#27

1,2-Dichloroethane-d4

Concen: 28.764 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041570.D

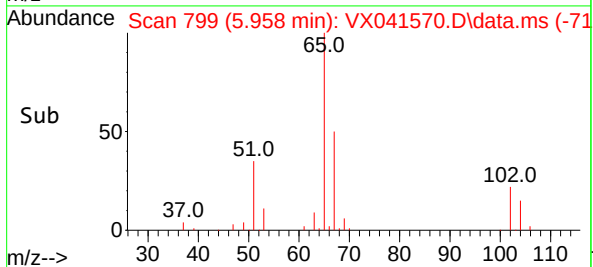
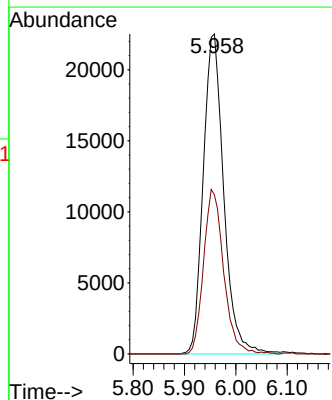
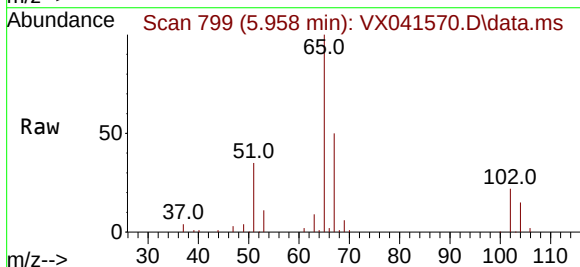
Acq: 16 May 2024 17:47

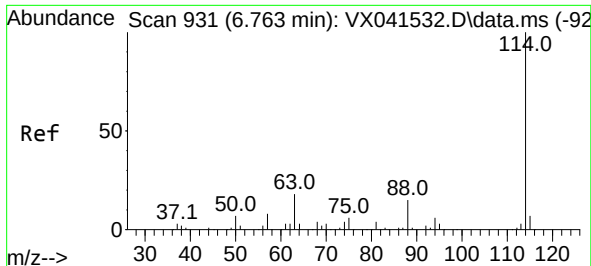
Tgt Ion: 65 Resp: 62355

Ion Ratio Lower Upper

65 100

67 50.1 40.8 61.2

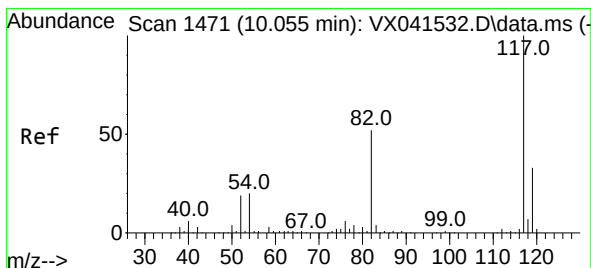
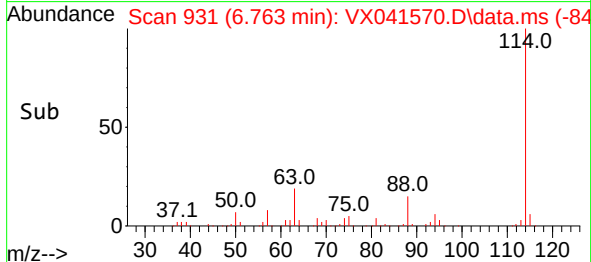
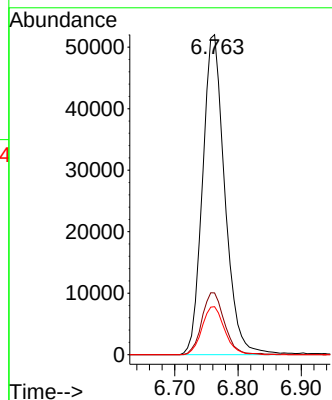
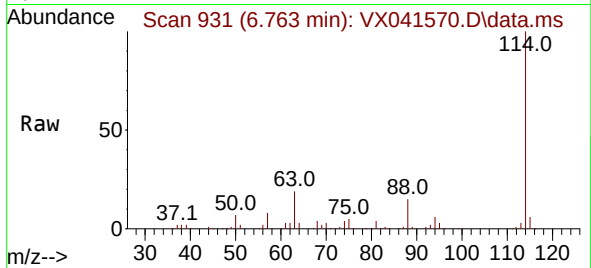




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041570.D
Acq: 16 May 2024 17:47

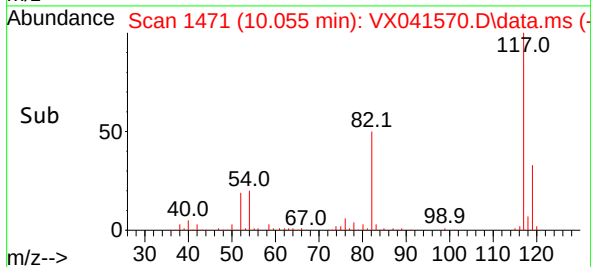
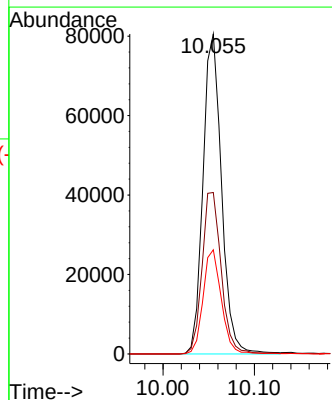
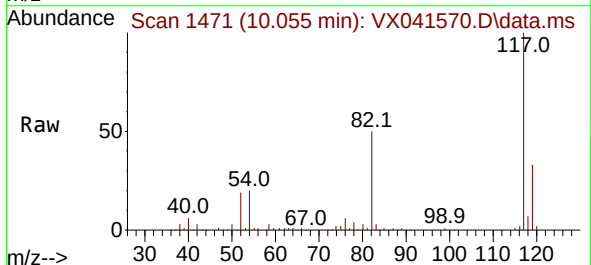
Instrument :
MSVOA_X
ClientSampleId :
IBLK

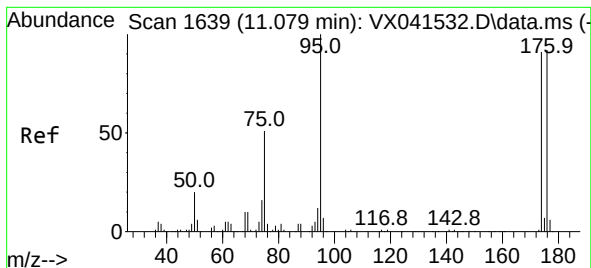
Tgt Ion:114 Resp: 127340
Ion Ratio Lower Upper
114 100
63 19.5 15.4 23.0
88 15.1 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041570.D
Acq: 16 May 2024 17:47

Tgt Ion:117 Resp: 113693
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 32.0 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 26.667 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041570.D

Acq: 16 May 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

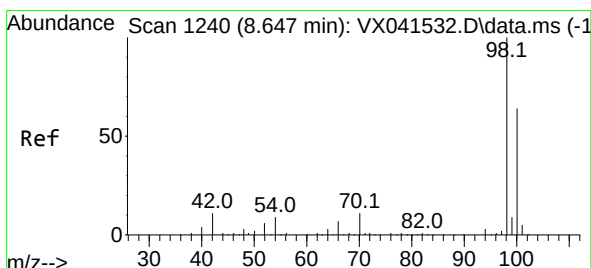
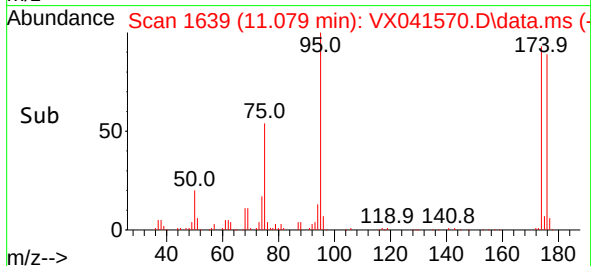
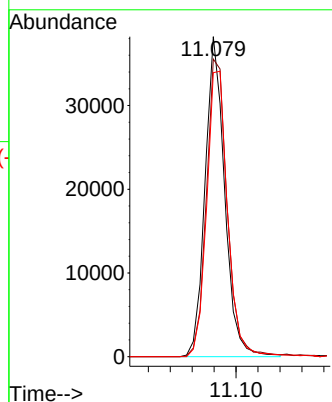
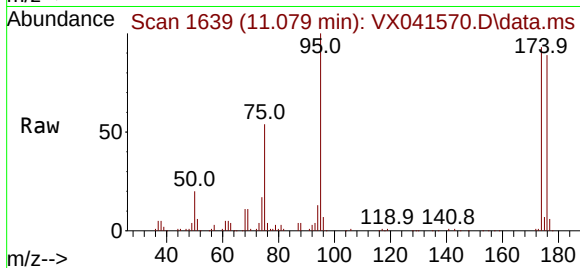
Tgt Ion: 95 Resp: 47330

Ion Ratio Lower Upper

95 100

174 99.3 76.6 115.0

176 95.8 75.4 113.0



#63

Toluene-d8

Concen: 29.696 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041570.D

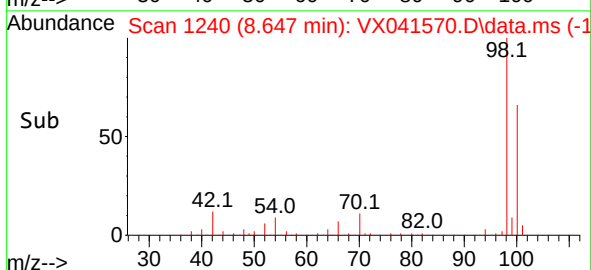
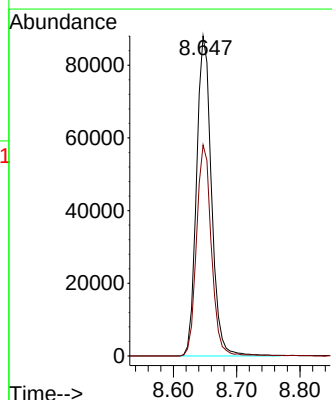
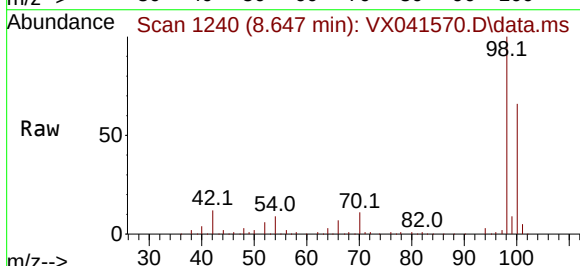
Acq: 16 May 2024 17:47

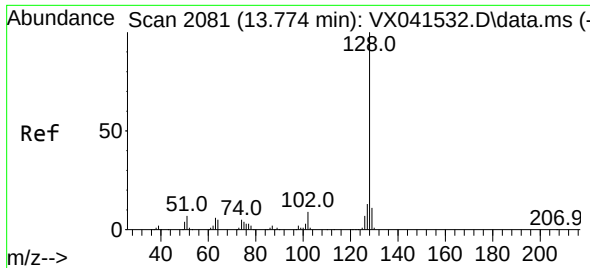
Tgt Ion: 98 Resp: 144723

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7





#91

Naphthalene

Concen: 0.339 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX041570.D

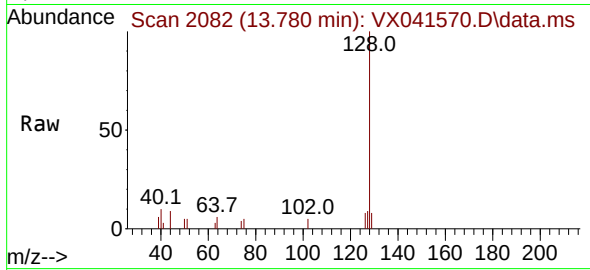
Acq: 16 May 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 2288

Ion Ratio Lower Upper

128 100

127 8.7 10.6 16.0#

129 11.5 8.8 13.2

