

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042075.D
 Acq On : 27 Jun 2024 15:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 28 04:05:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

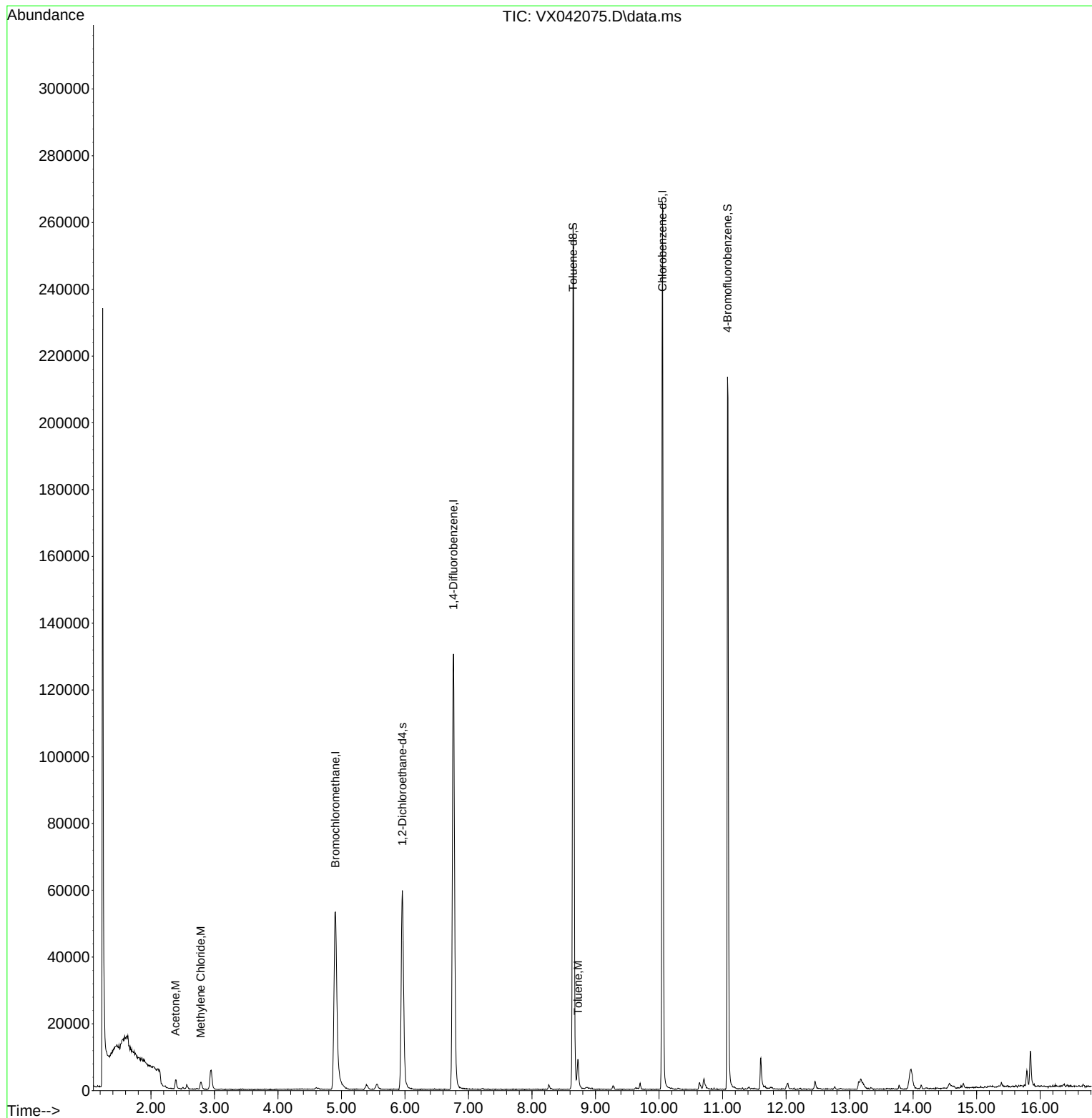
Internal Standards						
1) Bromochloromethane	4.903	128	28967	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	148898	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133405	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56616	28.392	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.633%
60) 4-Bromofluorobenzene	11.079	95	57555	27.872	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.900%
63) Toluene-d8	8.647	98	166989	29.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	973	3.175	ug/l	69
18) Methylene Chloride	2.782	84	1252	0.617	ug/l	91
62) Toluene	8.726	91	6450	0.955	ug/l	100

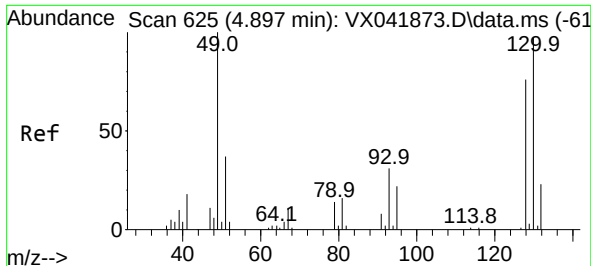
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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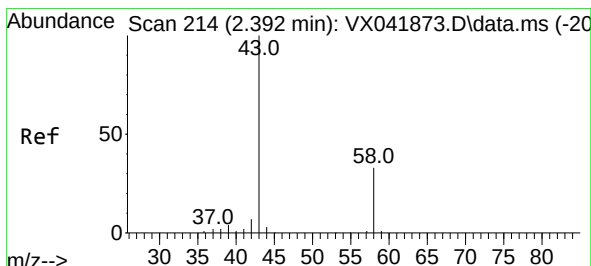
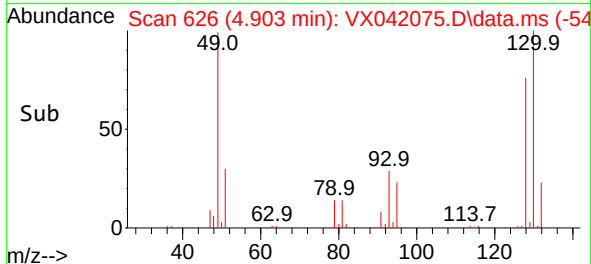
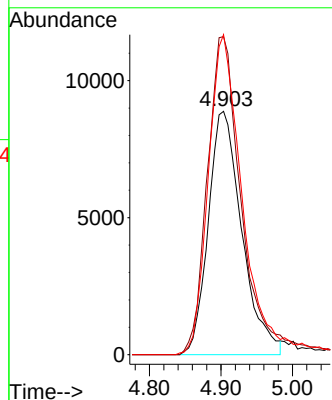
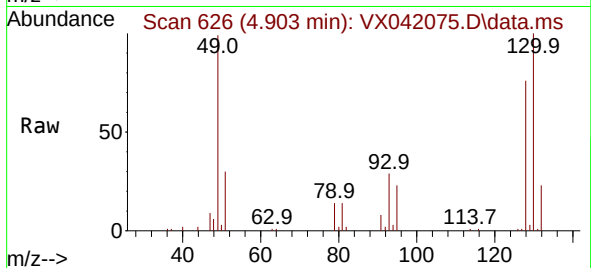




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

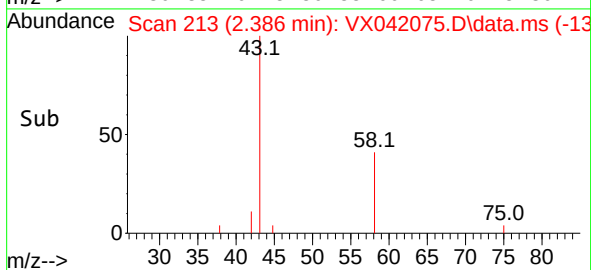
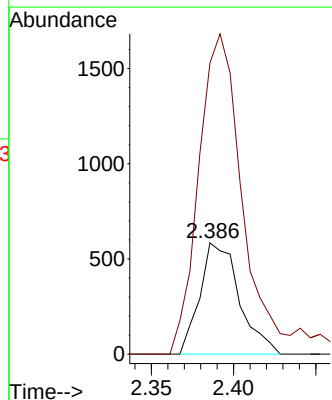
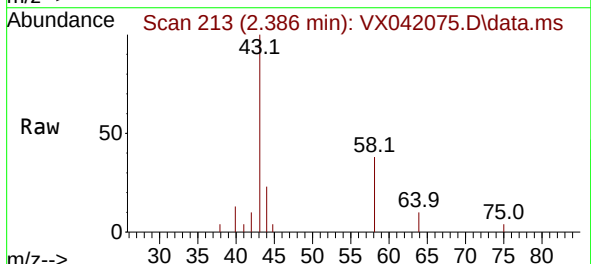
Instrument :
MSVOA_X
ClientSampleId :
IBLK

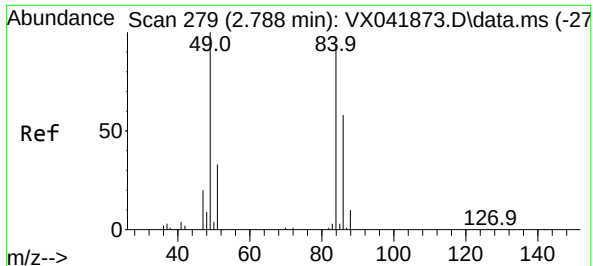
Tgt Ion:128 Resp: 28967
Ion Ratio Lower Upper
128 100
49 134.9 0.0 338.5
130 129.6 0.0 324.5



#15
Acetone
Concen: 3.175 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

Tgt Ion: 58 Resp: 973
Ion Ratio Lower Upper
58 100
43 243.7 243.4 365.2

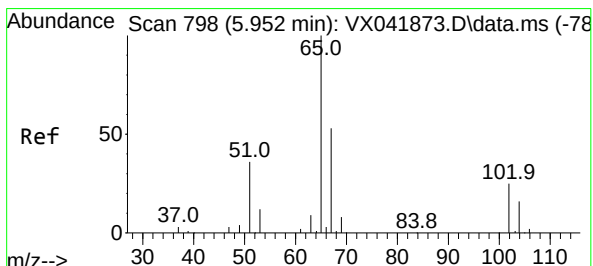
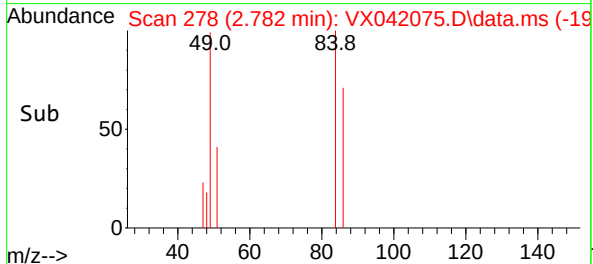
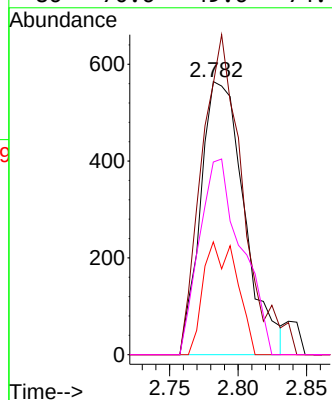
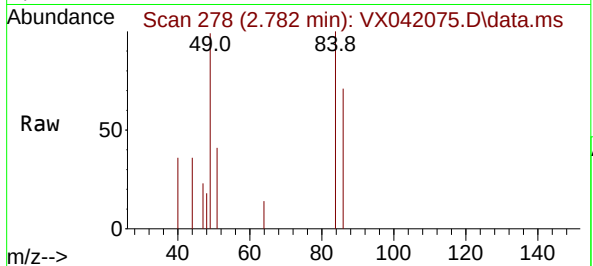




#18
Methylene Chloride
Concen: 0.617 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

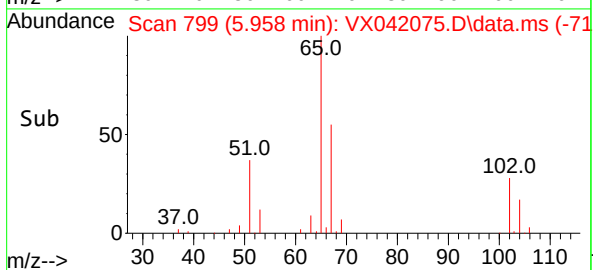
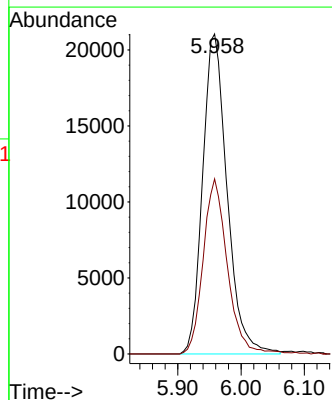
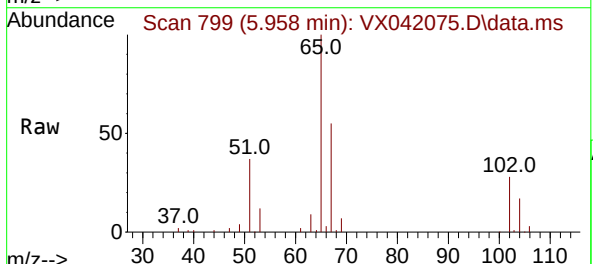
Instrument :
MSVOA_X
ClientSampleId :
IBLK

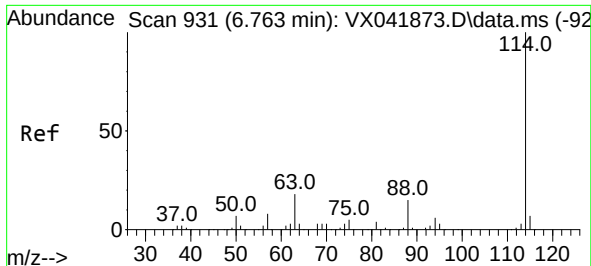
Tgt Ion: 84	Resp: 1252
Ion Ratio	Lower Upper
84 100	
49 99.3	85.3 127.9
51 41.3	28.5 42.7
86 70.6	49.6 74.4



#27
1,2-Dichloroethane-d4
Concen: 28.392 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

Tgt Ion: 65	Resp: 56616
Ion Ratio	Lower Upper
65 100	
67 53.4	43.4 65.0

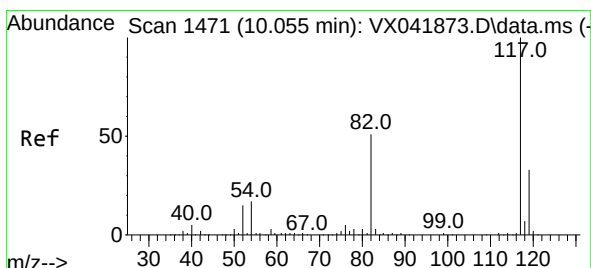
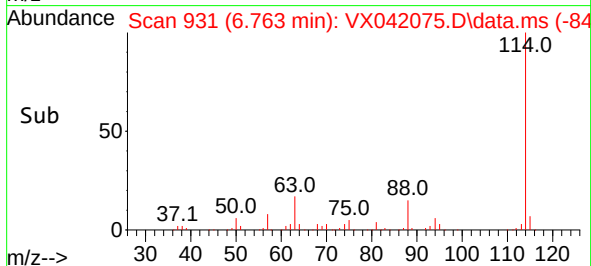
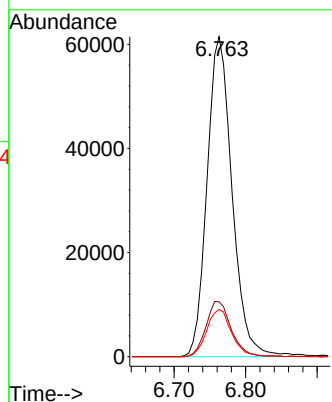
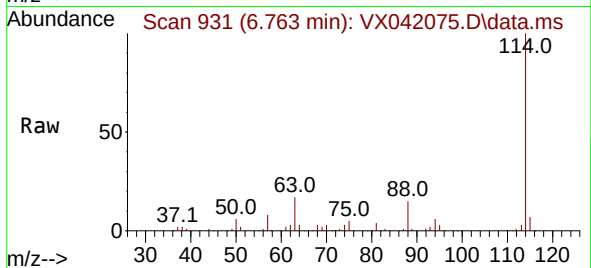




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

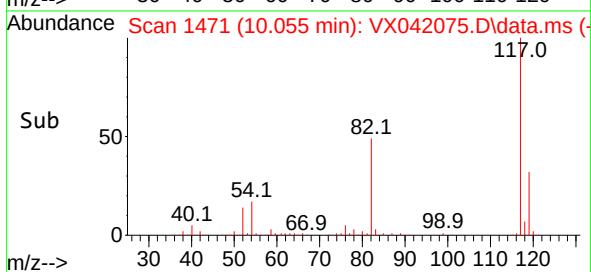
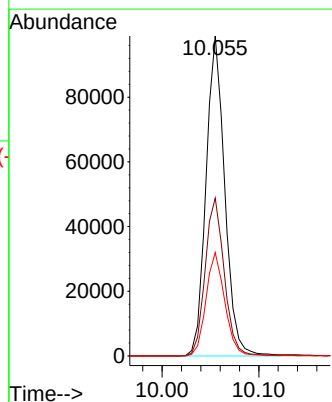
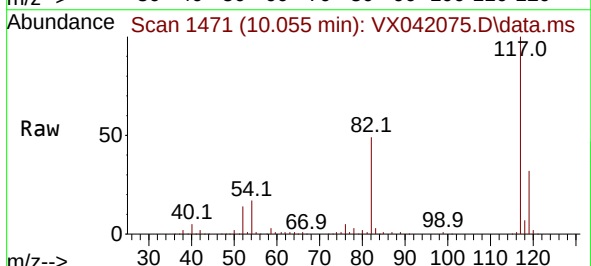
Instrument :
MSVOA_X
ClientSampleId :
IBLK

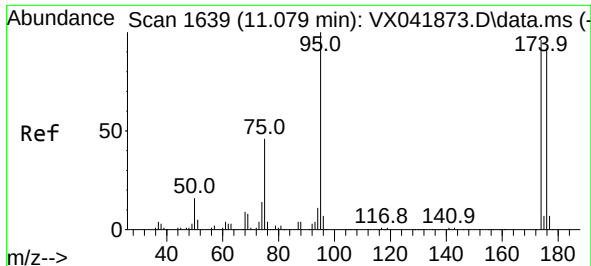
Tgt Ion:114 Resp: 148898
Ion Ratio Lower Upper
114 100
63 17.4 14.6 21.8
88 14.7 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

Tgt Ion:117 Resp: 133405
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 32.6 26.1 39.1





#60

4-Bromofluorobenzene

Concen: 27.872 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042075.D

Acq: 27 Jun 2024 15:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

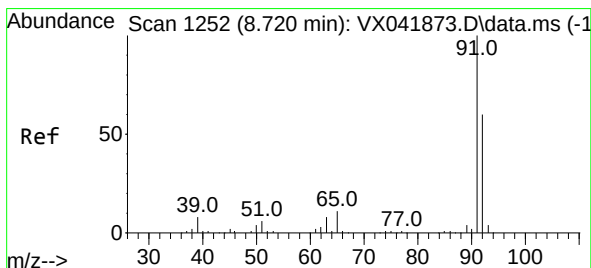
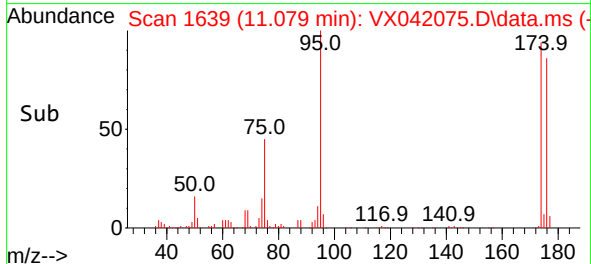
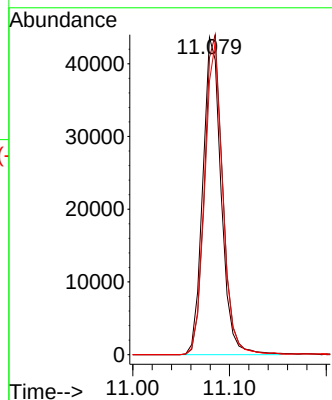
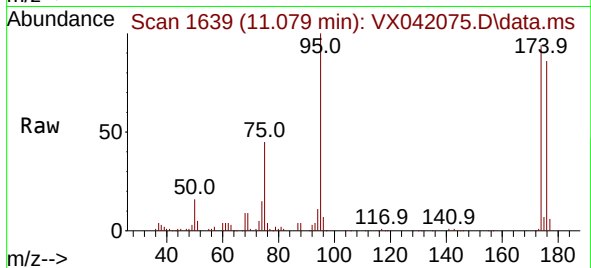
Tgt Ion: 95 Resp: 57555

Ion Ratio Lower Upper

95 100

174 100.2 78.9 118.3

176 96.8 77.1 115.7



#62

Toluene

Concen: 0.955 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX042075.D

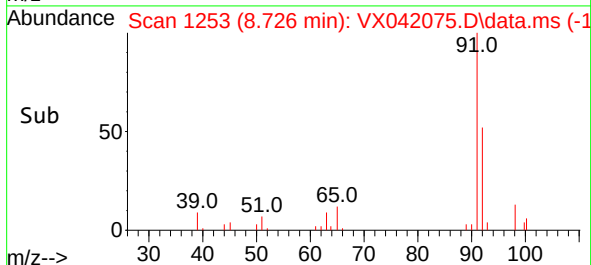
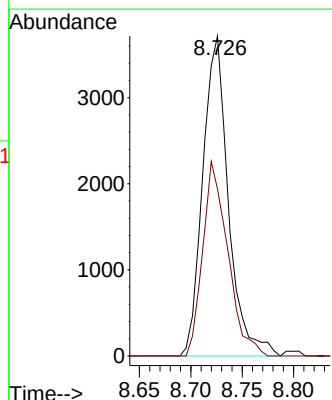
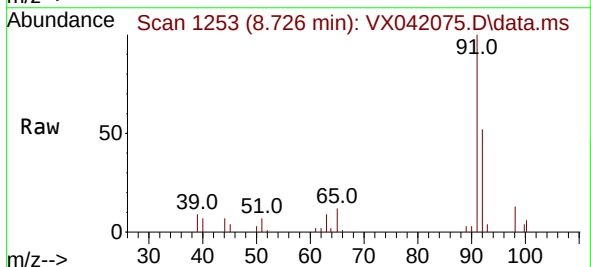
Acq: 27 Jun 2024 15:25

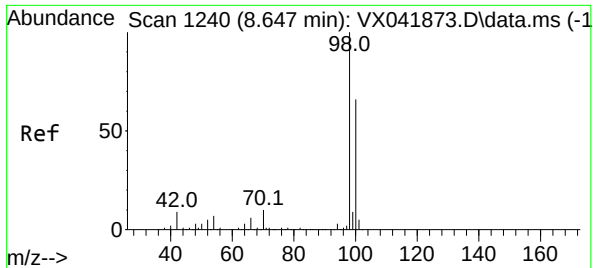
Tgt Ion: 91 Resp: 6450

Ion Ratio Lower Upper

91 100

92 59.4 47.4 71.2





#63
Toluene-d8
Concen: 29.258 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042075.D
Acq: 27 Jun 2024 15:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 166989
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

