

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041560.D
 Acq On : 16 May 2024 13:57
 Operator : JC/MD
 Sample : P2506-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240514051-02-TRIP-BLANK

Quant Time: May 17 02:39:25 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)

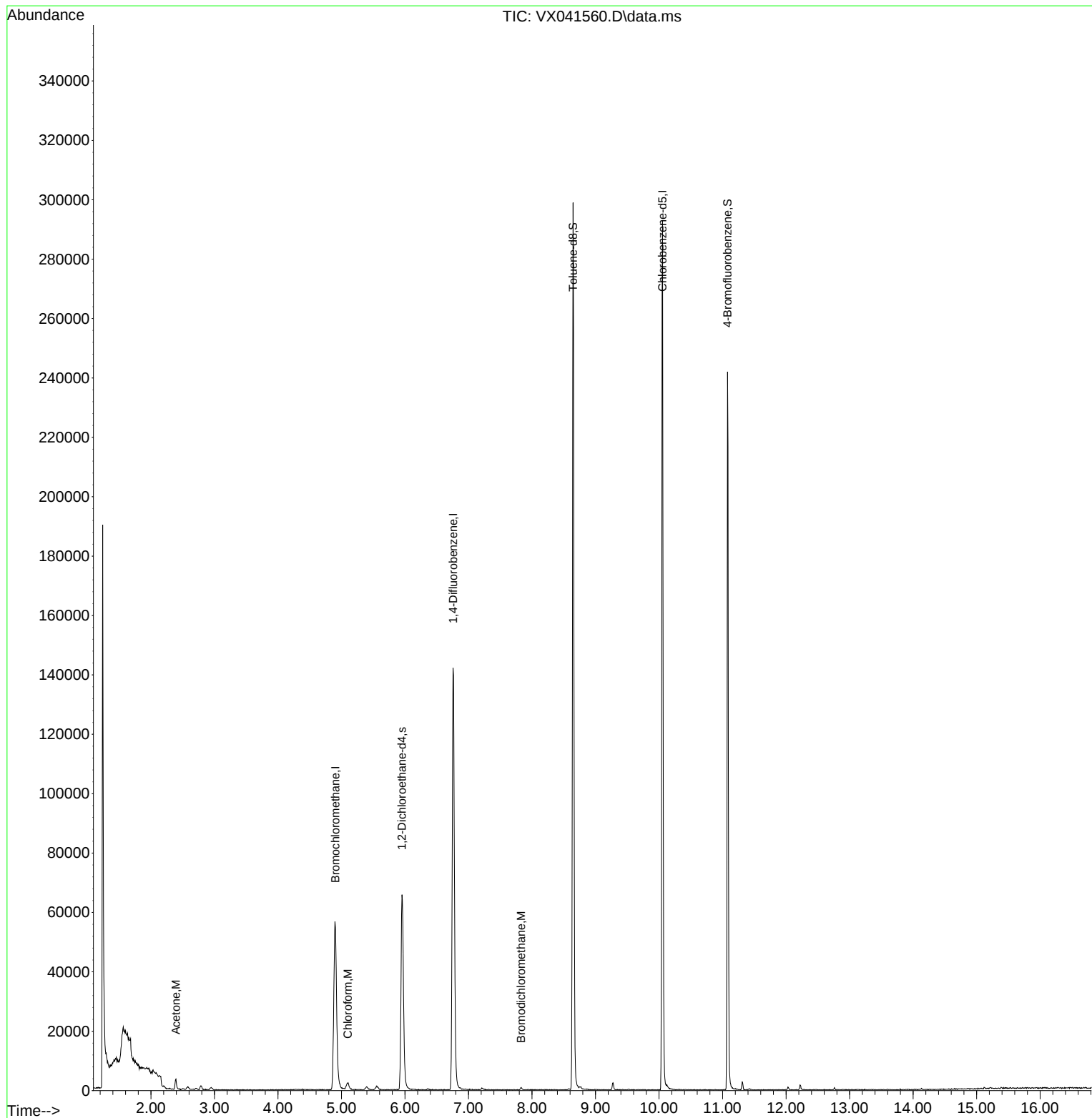
Internal Standards						
1) Bromochloromethane	4.904	128	26930	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	153391	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138026	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66709	31.456	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.867%
60) 4-Bromofluorobenzene	11.079	95	59856	27.779	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.600%
63) Toluene-d8	8.647	98	178862	30.230	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.767%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1133	4.635	ug/l	90
25) Chloroform	5.099	83	3024	0.985	ug/l #	80
41) Bromodichloromethane	7.830	83	670	0.299	ug/l #	96

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

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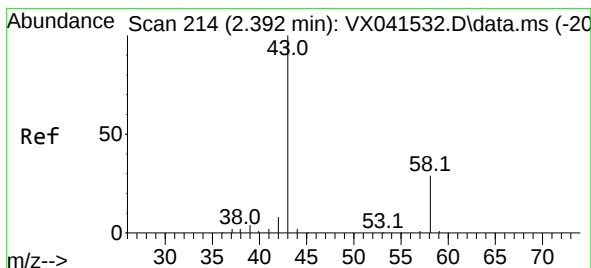
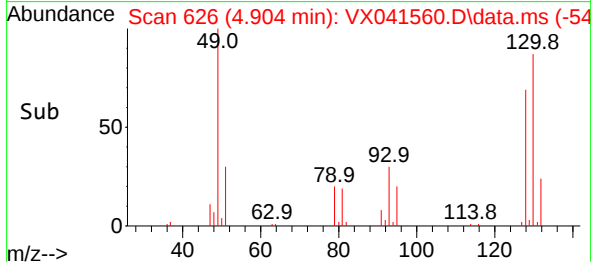
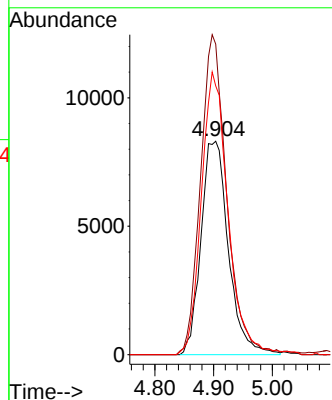
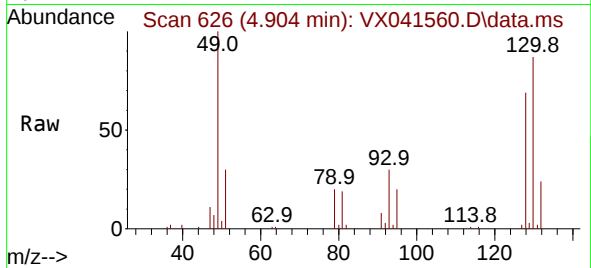




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041560.D
Acq: 16 May 2024 13:57

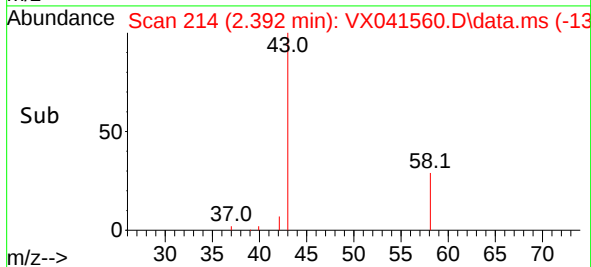
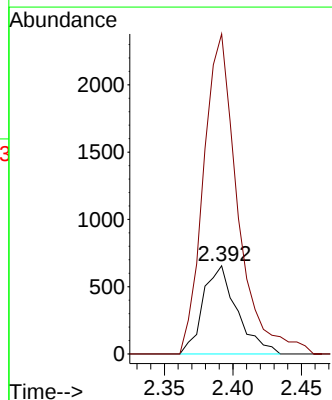
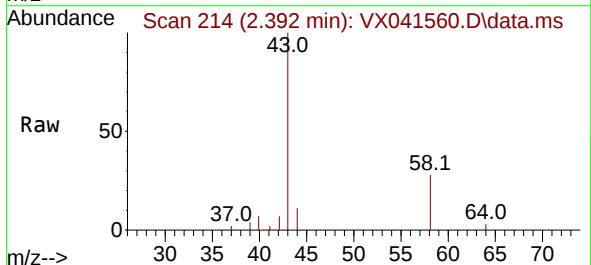
Instrument :
MSVOA_X
ClientSampleId :
240514051-02-TRIP-BLANK

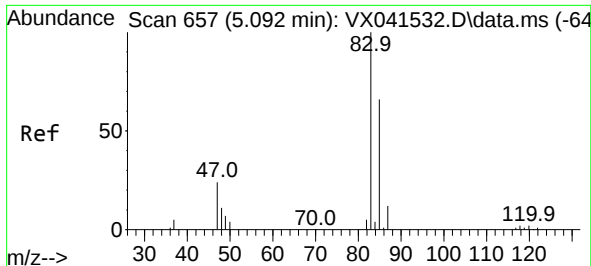
Tgt Ion:128 Resp: 26930
Ion Ratio Lower Upper
128 100
49 142.0 0.0 361.5
130 128.7 0.0 324.3



#15
Acetone
Concen: 4.635 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041560.D
Acq: 16 May 2024 13:57

Tgt Ion: 58 Resp: 1133
Ion Ratio Lower Upper
58 100
43 363.1 274.0 411.0





#25

Chloroform

Concen: 0.985 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041560.D

Acq: 16 May 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

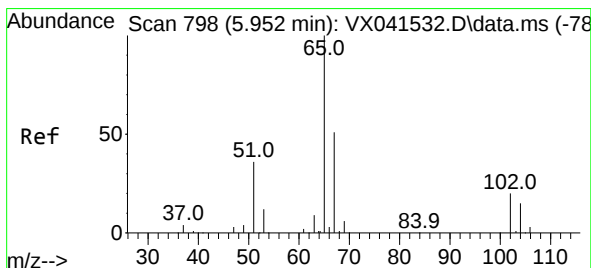
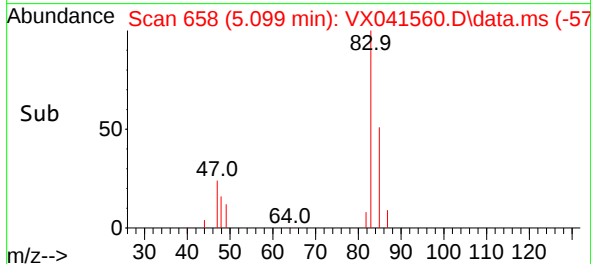
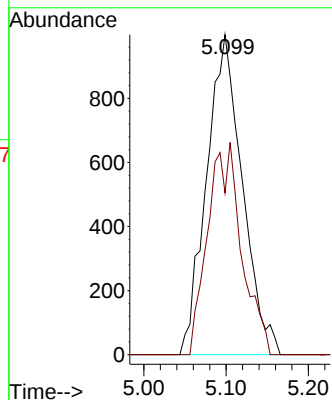
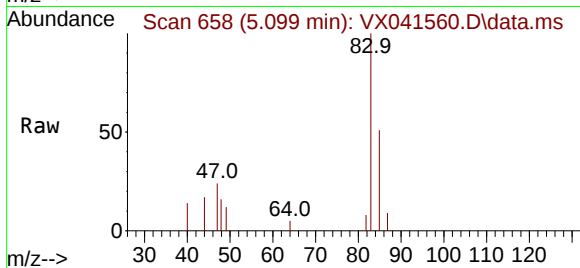
240514051-02-TRIP-BLANK

Tgt Ion: 83 Resp: 3024

Ion Ratio Lower Upper

83 100

85 50.6 52.9 79.3#



#27

1,2-Dichloroethane-d4

Concen: 31.456 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041560.D

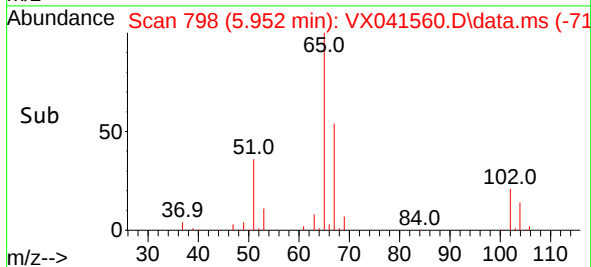
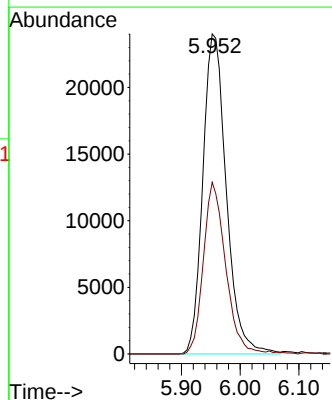
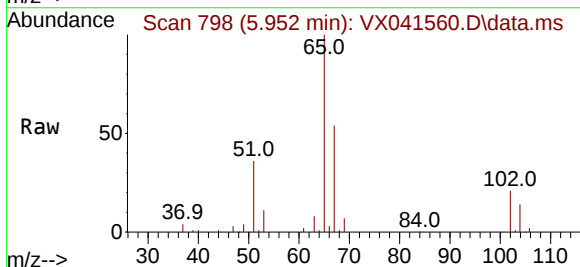
Acq: 16 May 2024 13:57

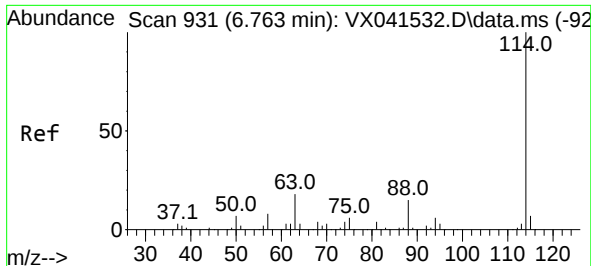
Tgt Ion: 65 Resp: 66709

Ion Ratio Lower Upper

65 100

67 50.6 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: VX041560.D

Acq: 16 May 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

240514051-02-TRIP-BLANK

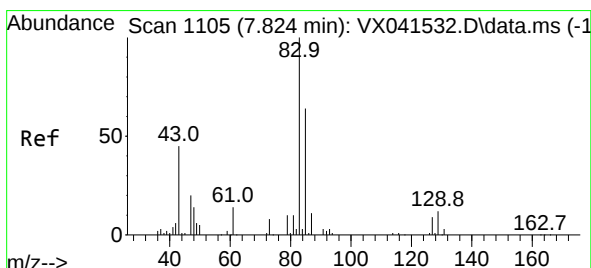
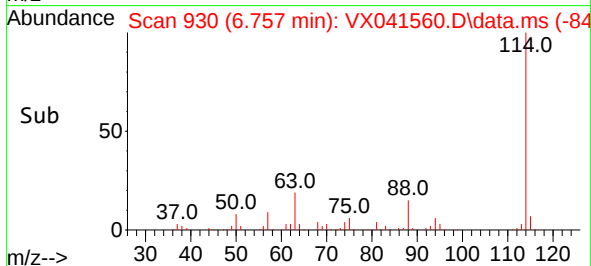
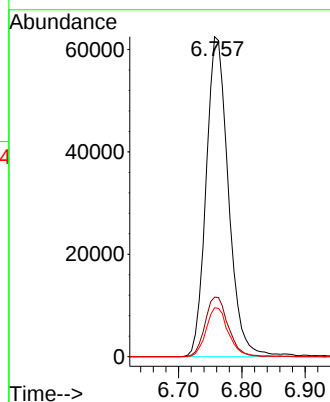
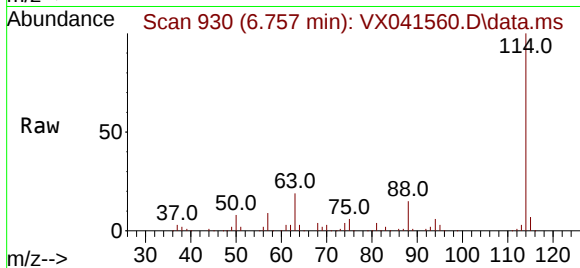
Tgt Ion:114 Resp: 153391

Ion Ratio Lower Upper

114 100

63 19.2 15.4 23.0

88 15.2 12.2 18.2



#41

Bromodichloromethane

Concen: 0.299 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX041560.D

Acq: 16 May 2024 13:57

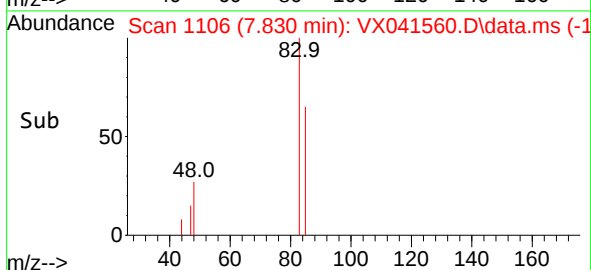
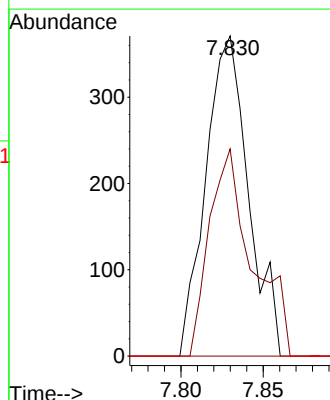
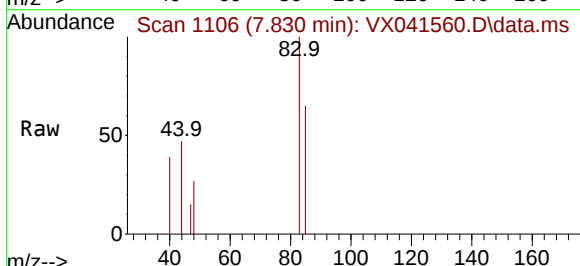
Tgt Ion: 83 Resp: 670

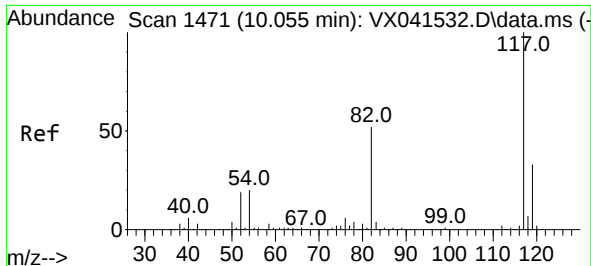
Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.4

127 0.0 7.1 10.7#

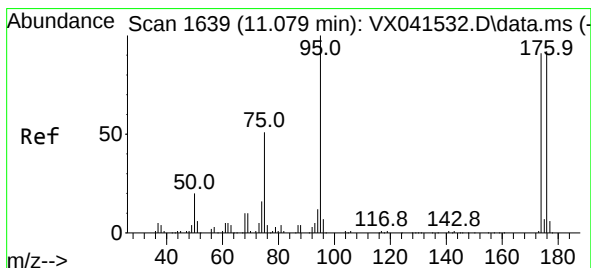
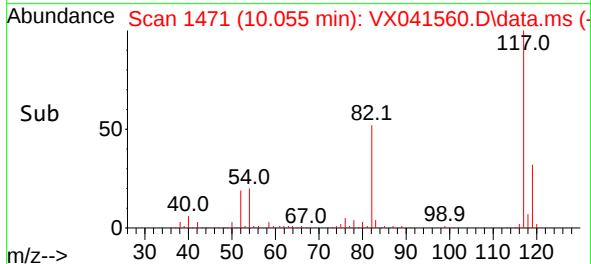
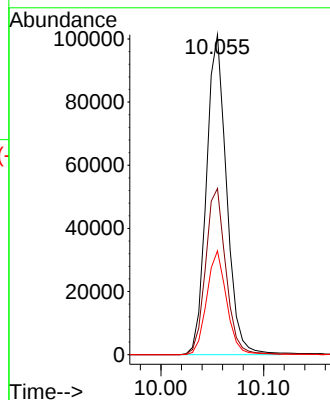
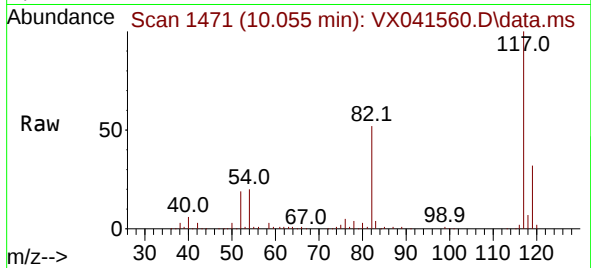




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041560.D
Acq: 16 May 2024 13:57

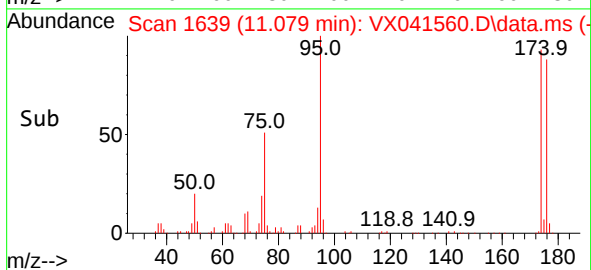
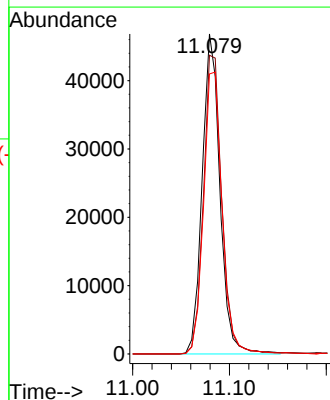
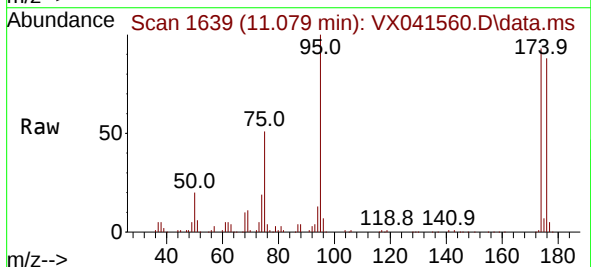
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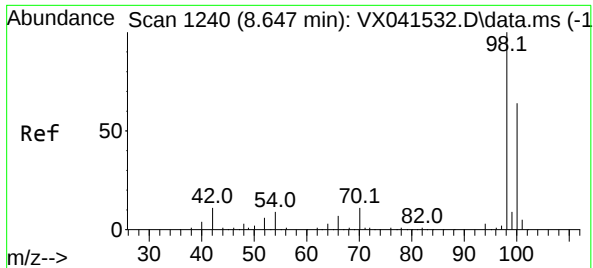
Tgt Ion:117 Resp: 138026
Ion Ratio Lower Upper
117 100
82 52.4 41.7 62.5
119 32.1 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041560.D
Acq: 16 May 2024 13:57

Tgt Ion: 95 Resp: 59856
Ion Ratio Lower Upper
95 100
174 97.3 76.6 115.0
176 92.3 75.4 113.0





#63

Toluene-d8

Concen: 30.230 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041560.D

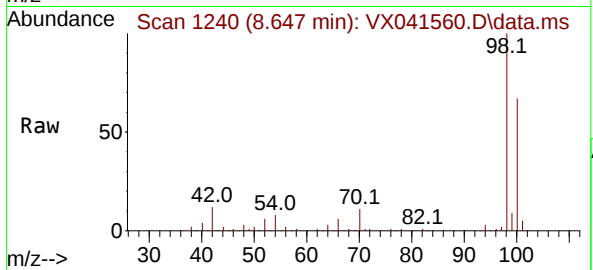
Acq: 16 May 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

240514051-02-TRIP-BLANK



Tgt Ion: 98 Resp: 178862

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

