

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041543.D
 Acq On : 15 May 2024 16:43
 Operator : JC/MD
 Sample : P2478-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240502065-04-TRIP-BLANK

Quant Time: May 16 05:53:23 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)

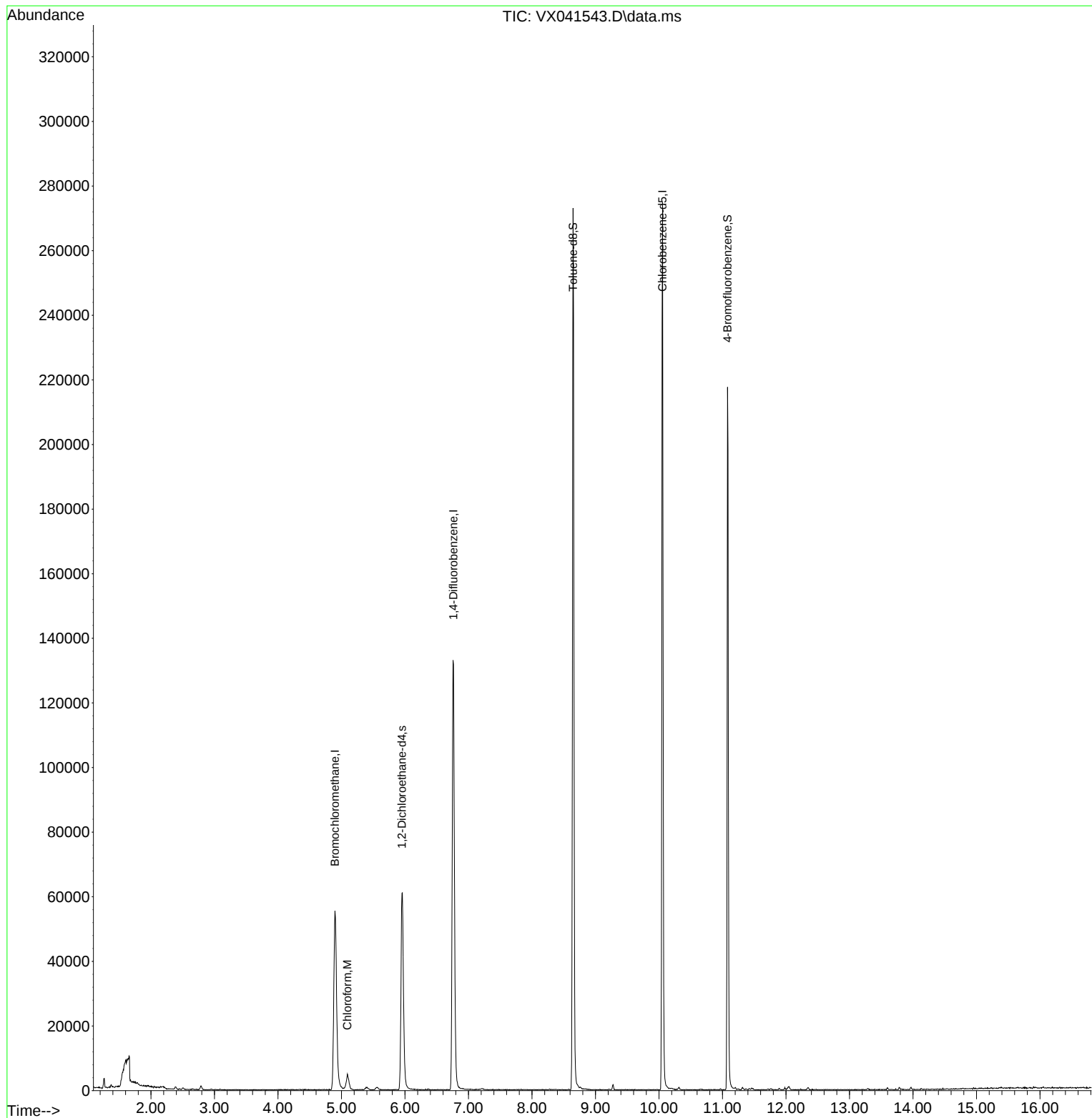
Internal Standards						
1) Bromochloromethane	4.898	128	26423	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	144747	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	127503	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	62170	29.878	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	11.079	95	54096	27.178	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.600%
63) Toluene-d8	8.647	98	164573	30.111	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
25) Chloroform	5.093	83	5619	1.864	ug/l	Qvalue 86

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

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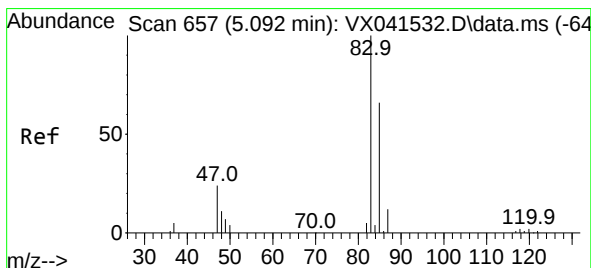
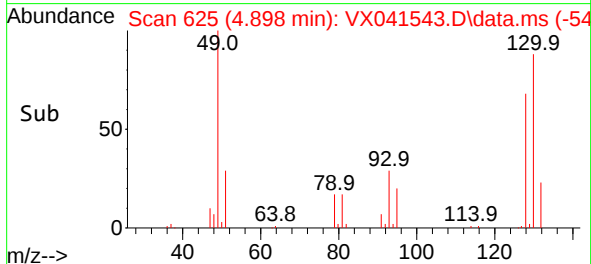
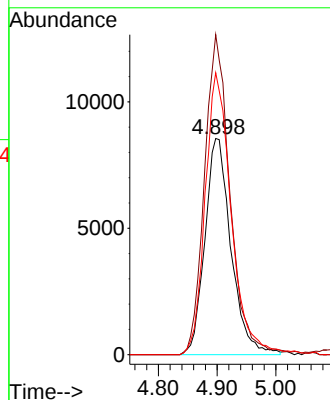
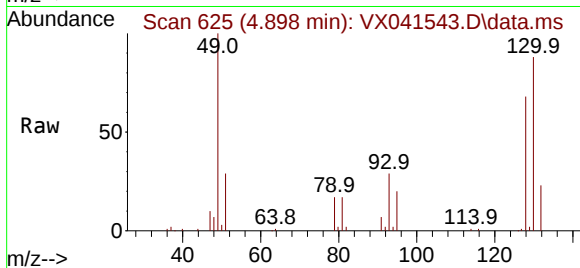




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041543.D
Acq: 15 May 2024 16:43

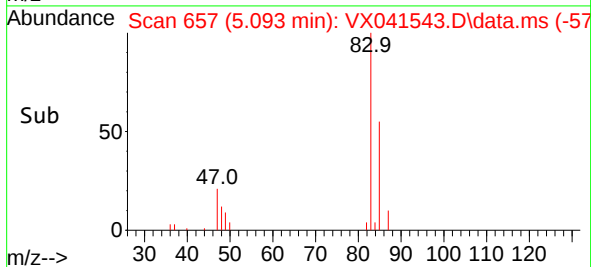
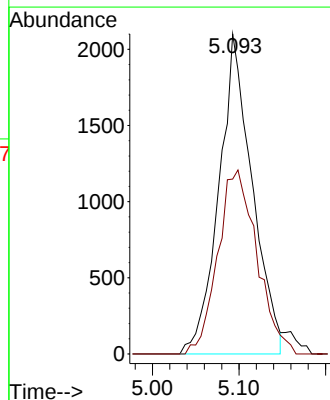
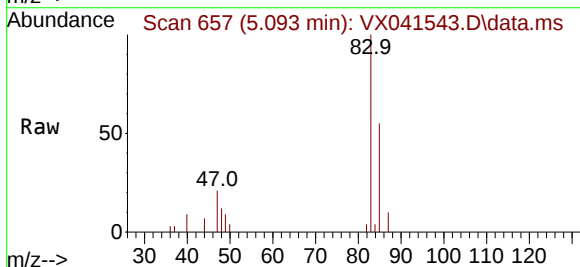
Instrument :
MSVOA_X
ClientSampleId :
240502065-04-TRIP-BLANK

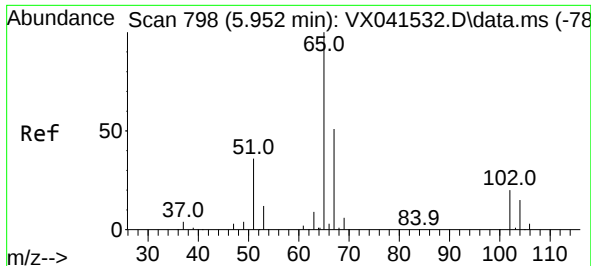
Tgt Ion:	128	Resp:	26423
Ion	Ratio	Lower	Upper
128	100		
49	143.5	0.0	361.5
130	129.9	0.0	324.3



#25
Chloroform
Concen: 1.864 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041543.D
Acq: 15 May 2024 16:43

Tgt Ion:	83	Resp:	5619
Ion	Ratio	Lower	Upper
83	100		
85	54.6	52.9	79.3





#27

1,2-Dichloroethane-d4

Concen: 29.878 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041543.D

Acq: 15 May 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

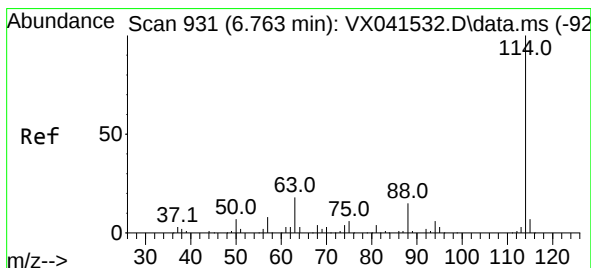
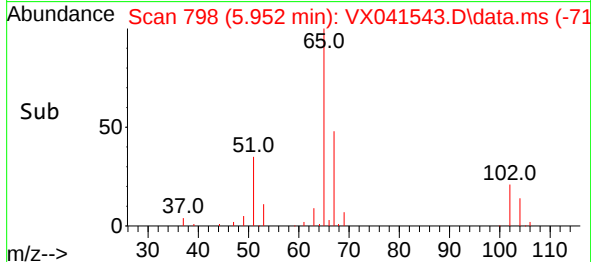
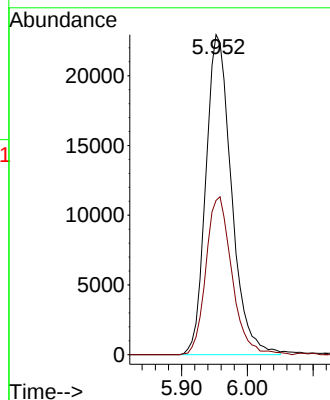
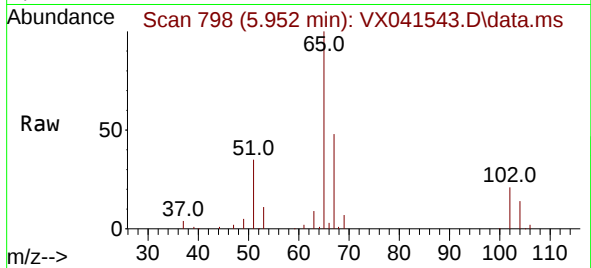
240502065-04-TRIP-BLANK

Tgt Ion: 65 Resp: 62170

Ion Ratio Lower Upper

65 100

67 49.5 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041543.D

Acq: 15 May 2024 16:43

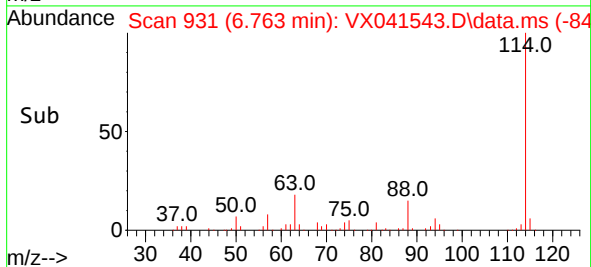
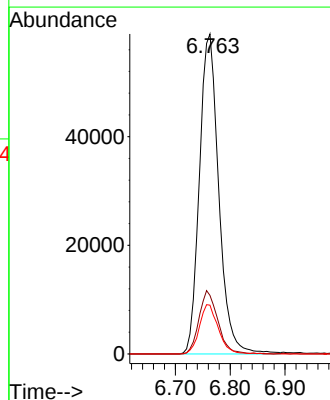
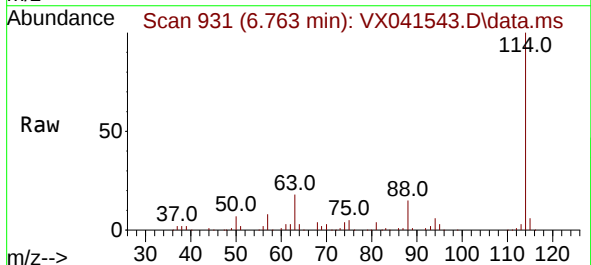
Tgt Ion: 114 Resp: 144747

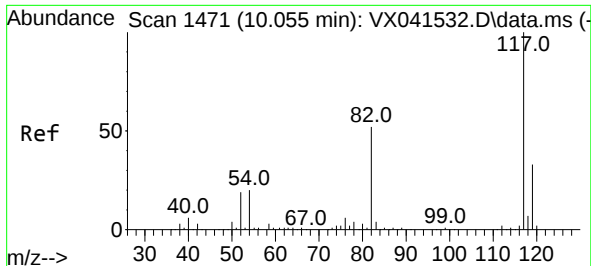
Ion Ratio Lower Upper

114 100

63 19.2 15.4 23.0

88 15.0 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: VX041543.D

Acq: 15 May 2024 16:43

Instrument :

MSVOA_X

ClientSampleId :

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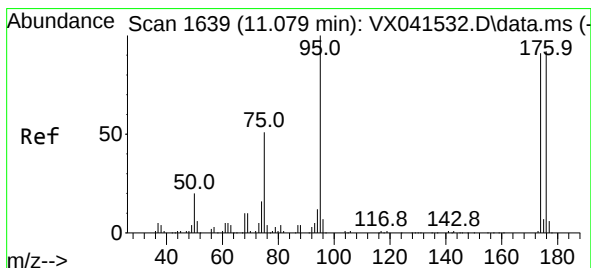
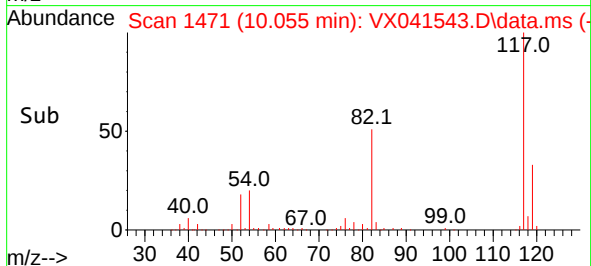
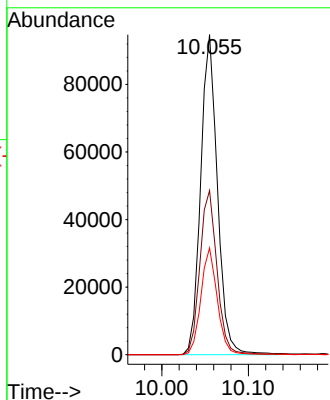
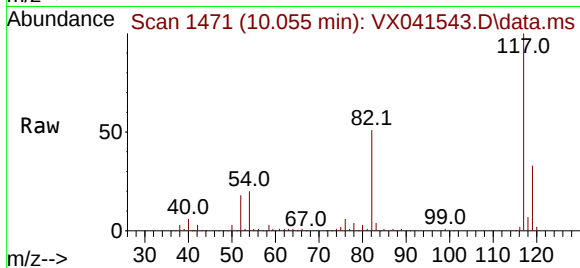
Tgt Ion:117 Resp: 127503

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 32.6 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 27.178 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041543.D

Acq: 15 May 2024 16:43

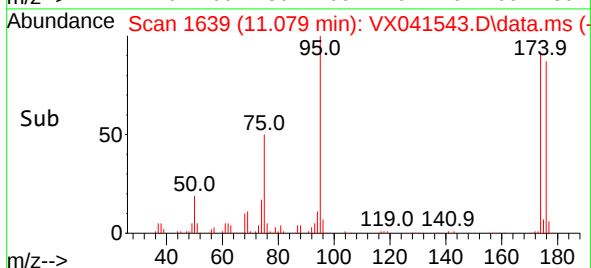
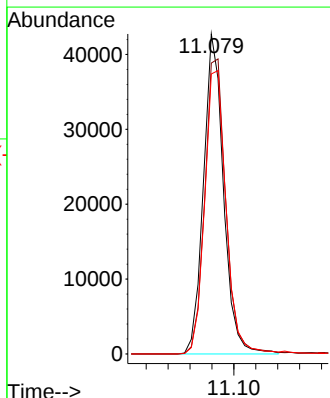
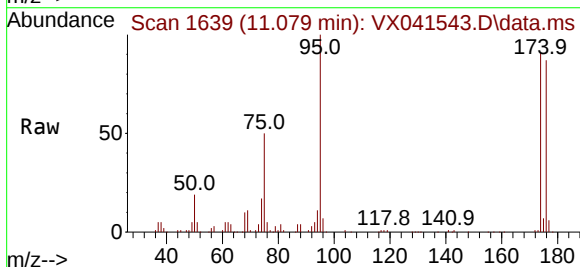
Tgt Ion: 95 Resp: 54096

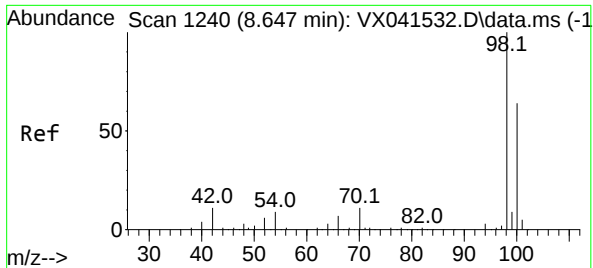
Ion Ratio Lower Upper

95 100

174 97.3 76.6 115.0

176 94.8 75.4 113.0





#63
Toluene-d8
Concen: 30.111 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041543.D
Acq: 15 May 2024 16:43

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 164573
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

