

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041557.D
 Acq On : 16 May 2024 12:48
 Operator : JC/MD
 Sample : P2504-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240508035-05

Quant Time: May 17 02:38:31 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)

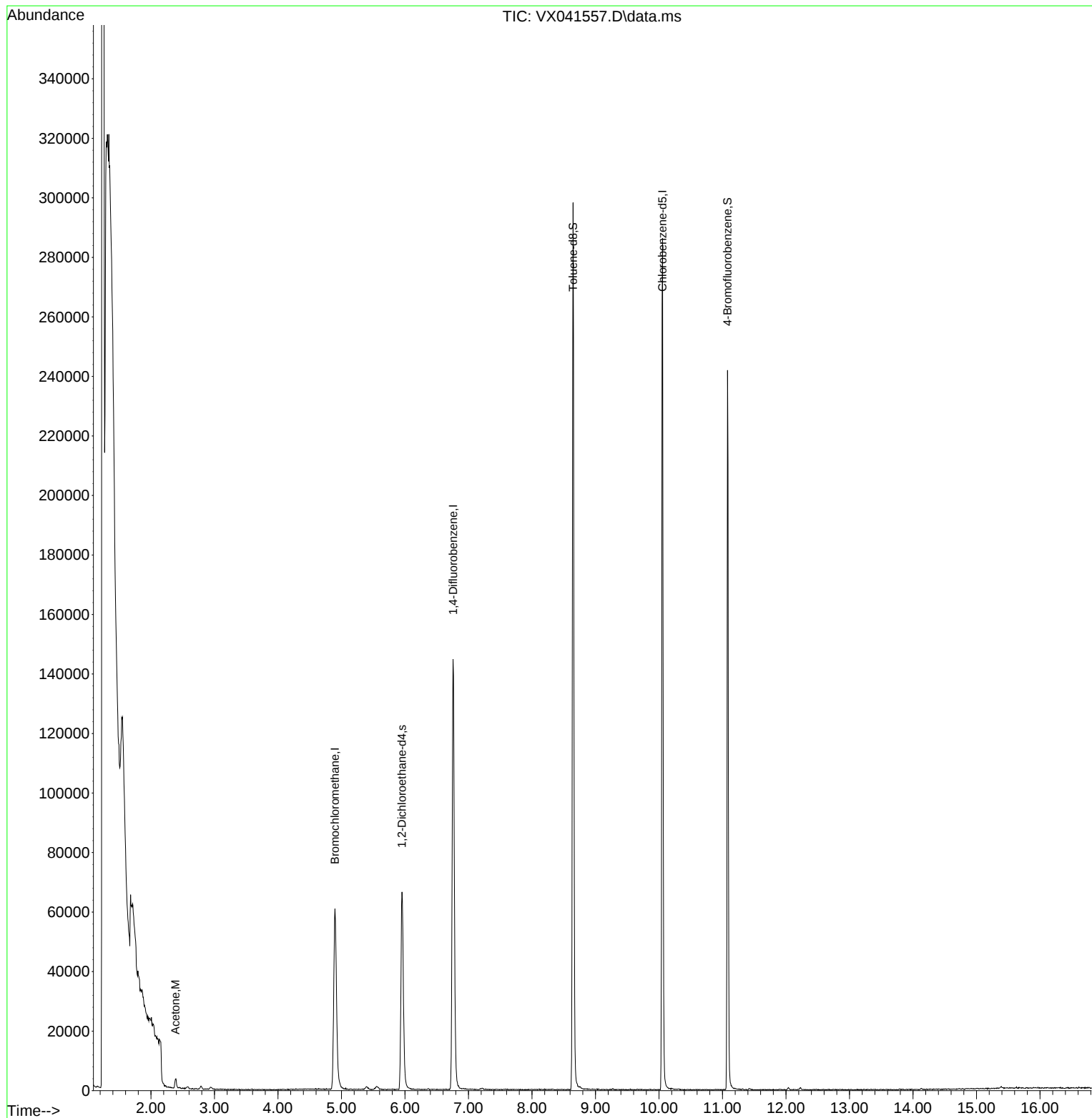
Internal Standards						
1) Bromochloromethane	4.898	128	28382	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	152825	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138184	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66216	29.626	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	11.079	95	60285	27.947	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.167%
63) Toluene-d8	8.647	98	178368	30.112	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.367%
Target Compounds						
15) Acetone	2.386	58	1088	4.223	ug/l	Qvalue 96

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

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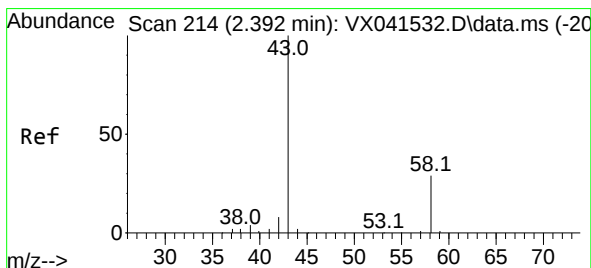
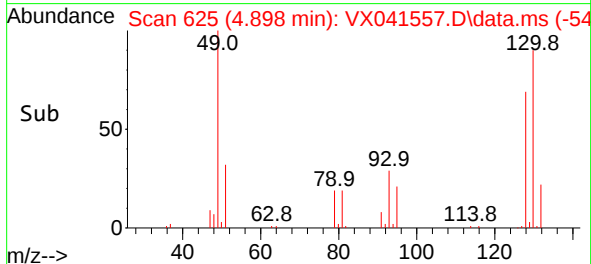
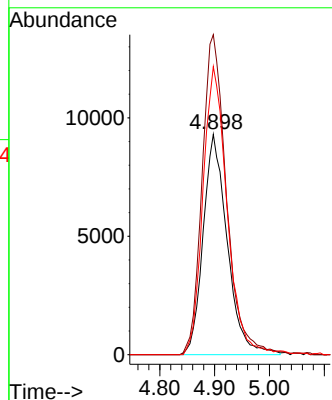
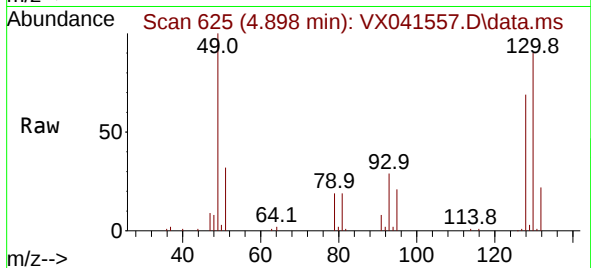




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041557.D
Acq: 16 May 2024 12:48

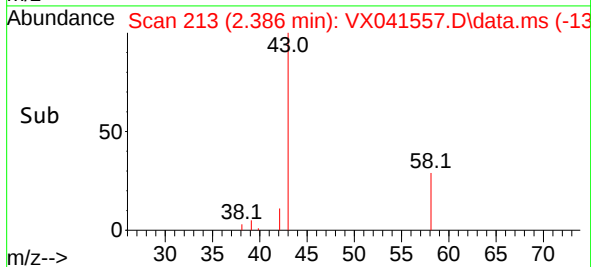
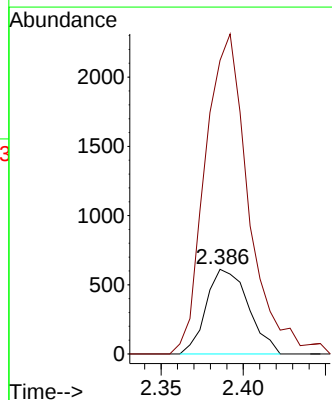
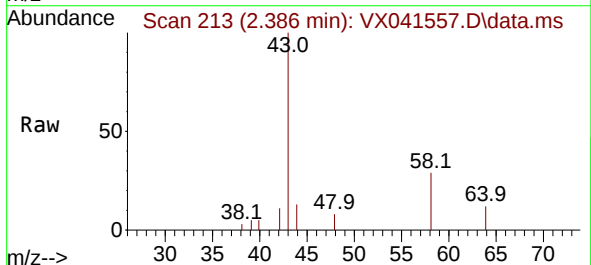
Instrument :
MSVOA_X
ClientSampleId :
240508035-05

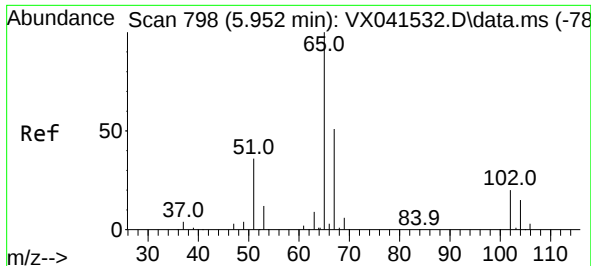
Tgt Ion:128 Resp: 28382
Ion Ratio Lower Upper
128 100
49 146.7 0.0 361.5
130 130.3 0.0 324.3



#15
Acetone
Concen: 4.223 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041557.D
Acq: 16 May 2024 12:48

Tgt Ion: 58 Resp: 1088
Ion Ratio Lower Upper
58 100
43 334.6 274.0 411.0





#27

1,2-Dichloroethane-d4

Concen: 29.626 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041557.D

Acq: 16 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :

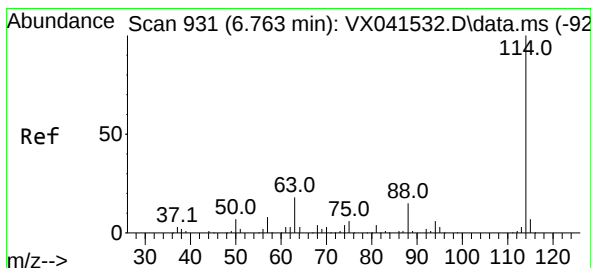
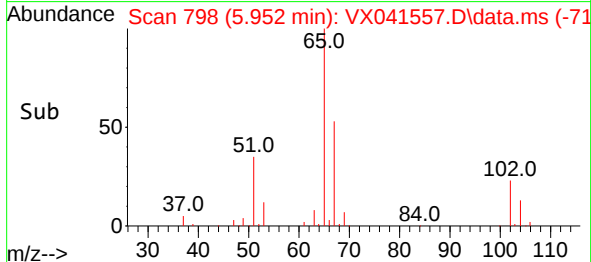
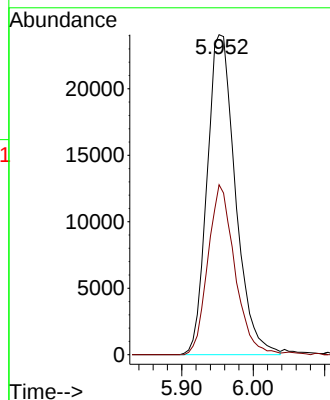
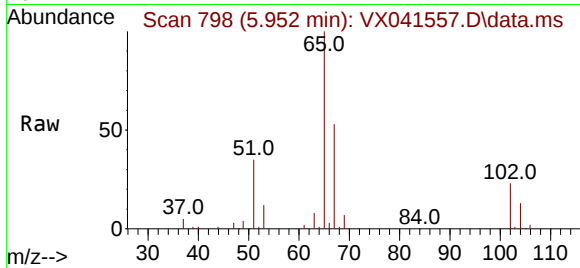
240508035-05

Tgt Ion: 65 Resp: 66216

Ion Ratio Lower Upper

65 100

67 50.3 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041557.D

Acq: 16 May 2024 12:48

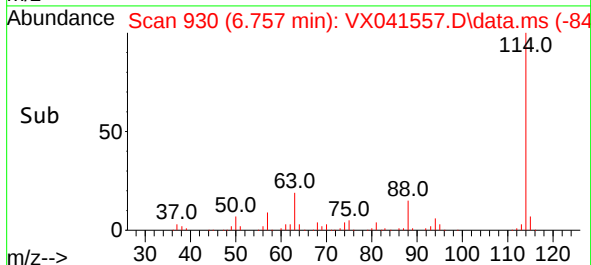
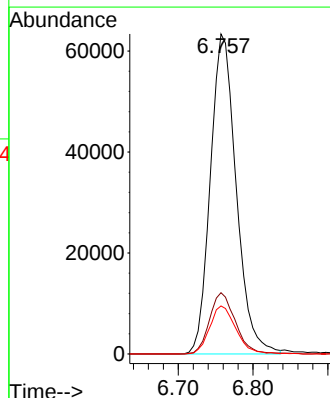
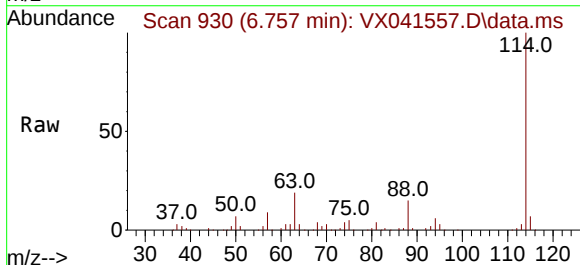
Tgt Ion: 114 Resp: 152825

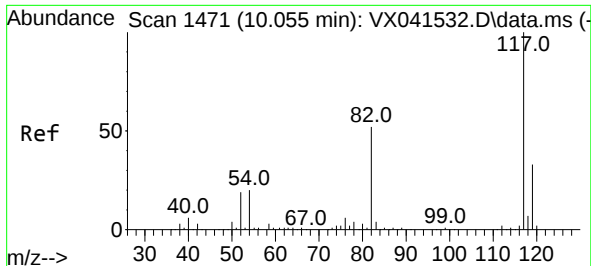
Ion Ratio Lower Upper

114 100

63 19.2 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: VX041557.D

Acq: 16 May 2024 12:48

Instrument :

MSVOA_X

ClientSampleId :

240508035-05

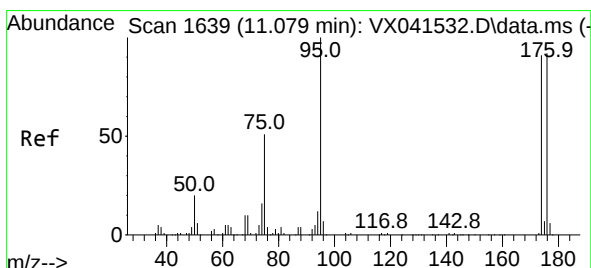
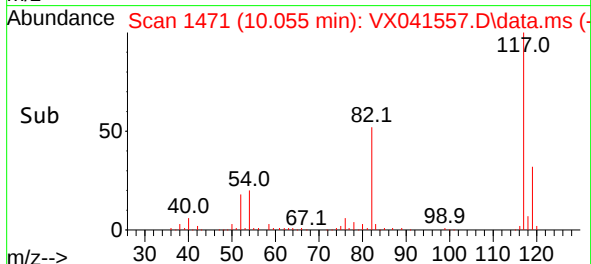
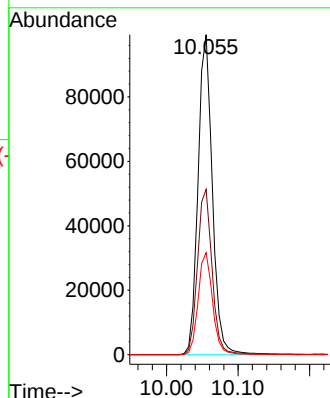
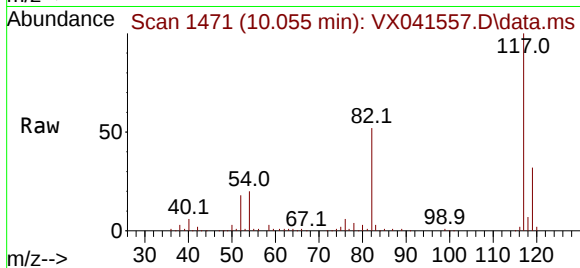
Tgt Ion:117 Resp: 138184

Ion Ratio Lower Upper

117 100

82 52.4 41.7 62.5

119 32.0 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 27.947 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041557.D

Acq: 16 May 2024 12:48

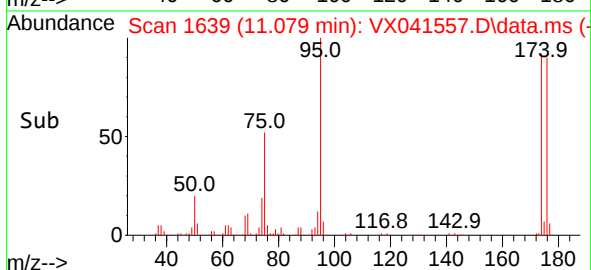
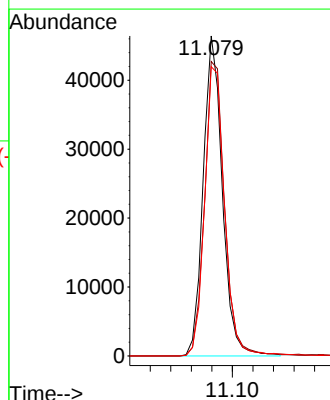
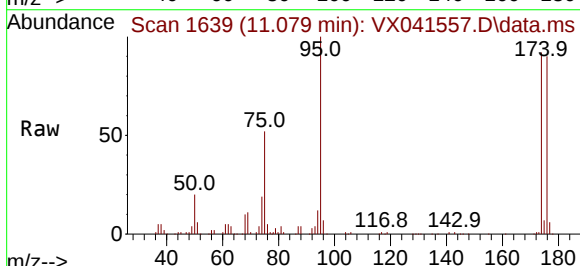
Tgt Ion: 95 Resp: 60285

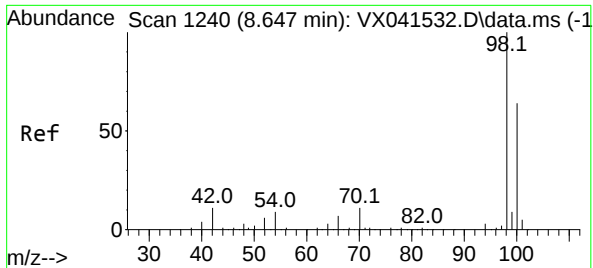
Ion Ratio Lower Upper

95 100

174 95.7 76.6 115.0

176 94.4 75.4 113.0





#63
Toluene-d8
Concen: 30.112 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041557.D
Acq: 16 May 2024 12:48

Instrument :
MSVOA_X
ClientSampleId :
240508035-05

Tgt Ion: 98 Resp: 178368
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

