

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041561.D
 Acq On : 16 May 2024 14:20
 Operator : JC/MD
 Sample : P2508-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240513014-02

Quant Time: May 17 02:39:43 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)

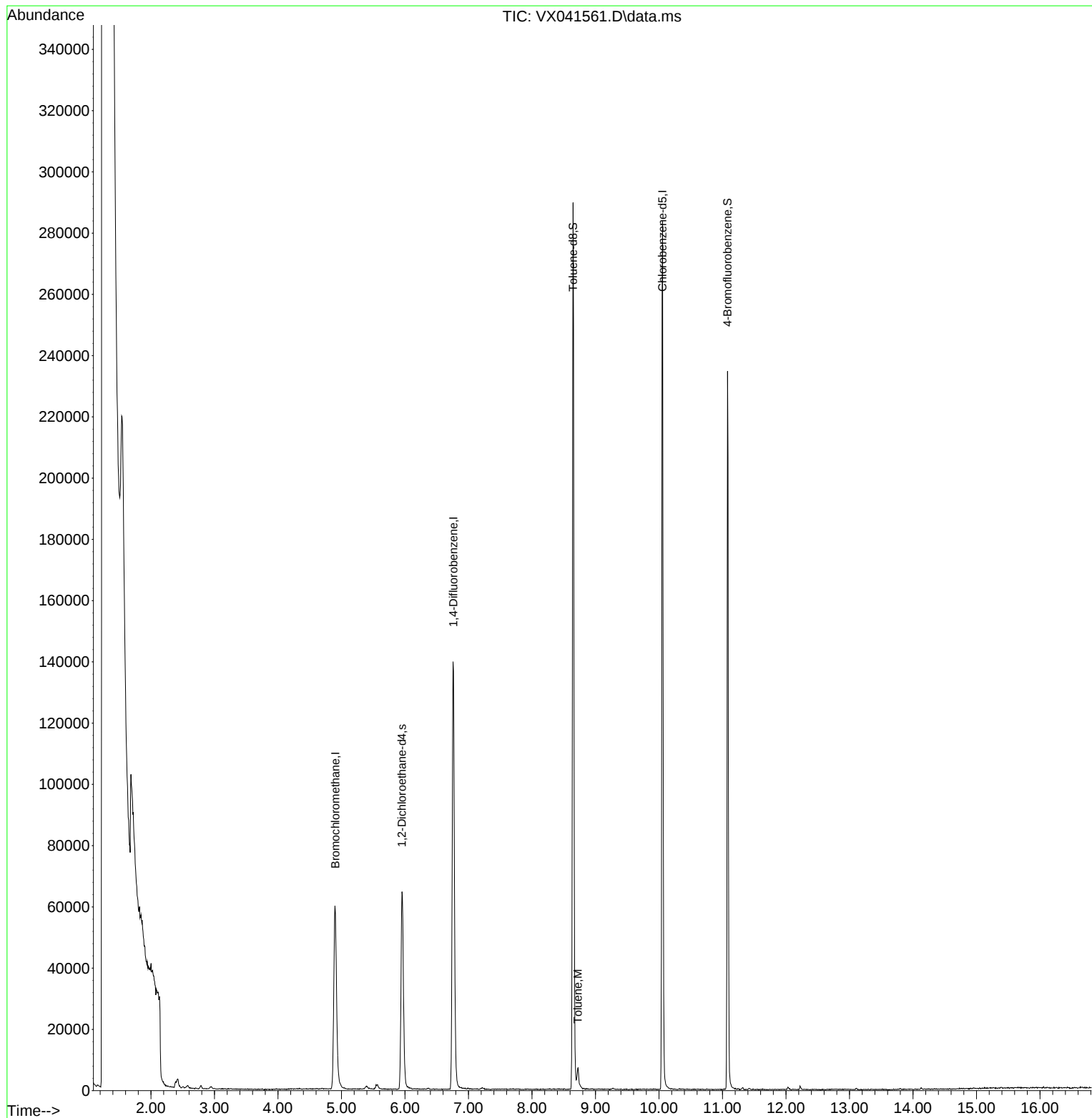
Internal Standards						
1) Bromochloromethane	4.904	128	28058	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	149128	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	135252	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65282	29.545	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.500%
60) 4-Bromofluorobenzene	11.079	95	58222	27.575	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.933%
63) Toluene-d8	8.647	98	173838	29.984	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.933%
Target Compounds						
62) Toluene	8.720	91	4929	0.732	ug/l	Qvalue 98

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

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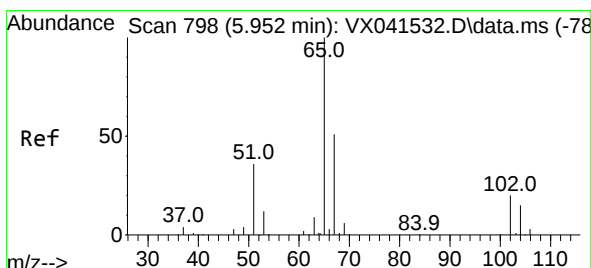
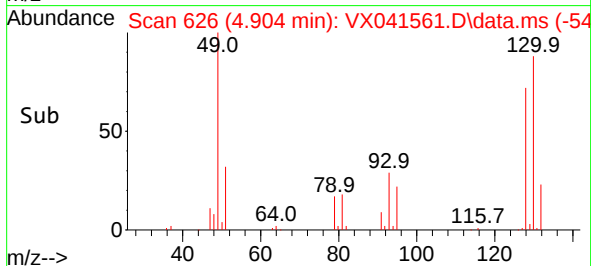
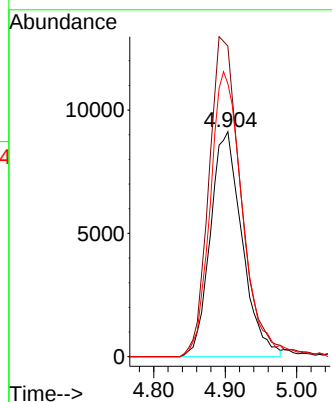
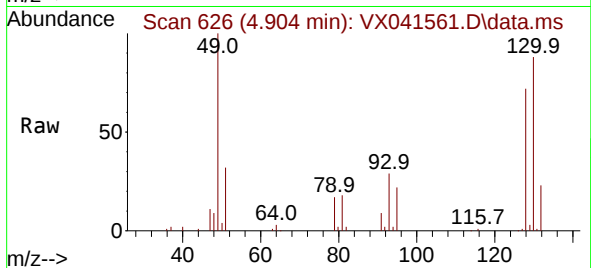




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041561.D
Acq: 16 May 2024 14:20

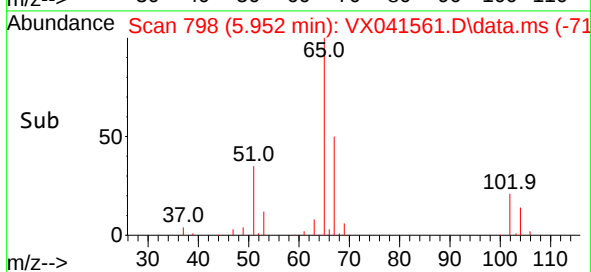
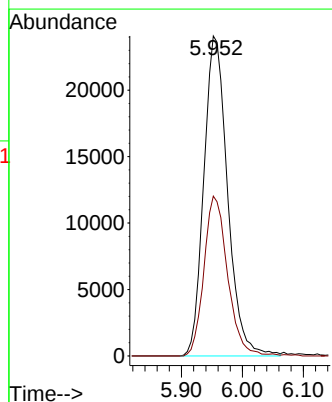
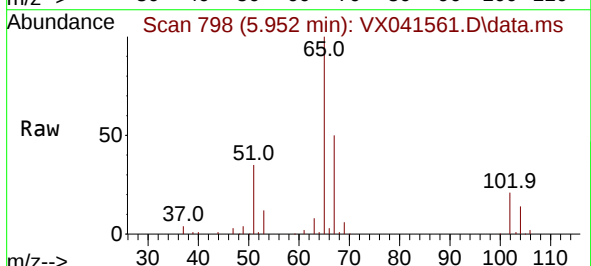
Instrument :
MSVOA_X
ClientSampleId :
240513014-02

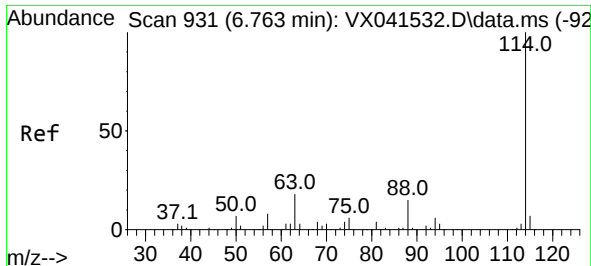
Tgt Ion:128 Resp: 28058
Ion Ratio Lower Upper
128 100
49 143.4 0.0 361.5
130 127.2 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 29.545 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041561.D
Acq: 16 May 2024 14:20

Tgt Ion: 65 Resp: 65282
Ion Ratio Lower Upper
65 100
67 49.4 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: VX041561.D

Acq: 16 May 2024 14:20

Instrument :

MSVOA_X

ClientSampleId :

240513014-02

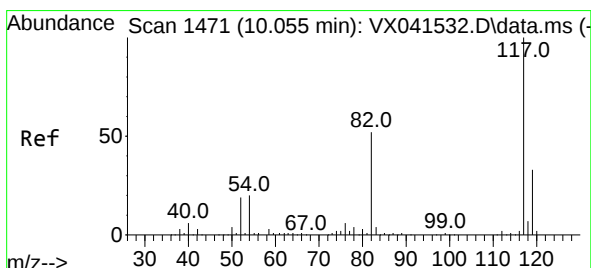
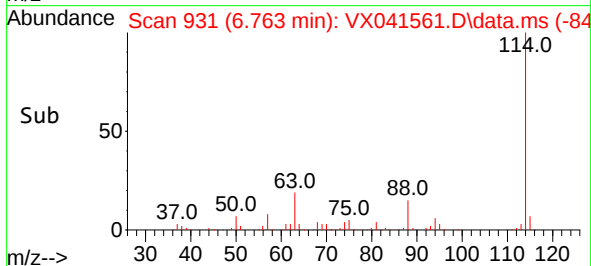
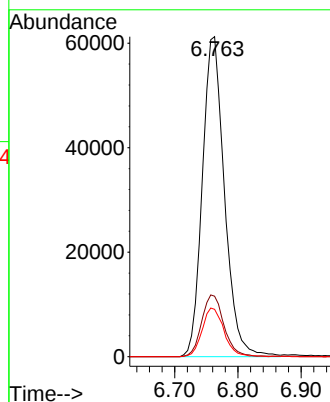
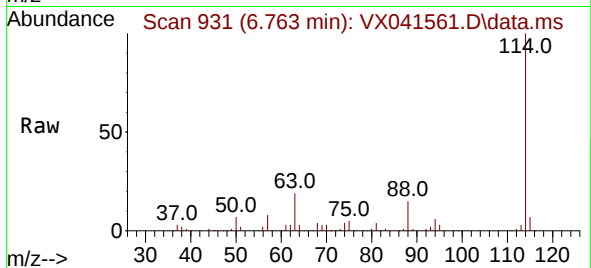
Tgt Ion:114 Resp: 149128

Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 14.9 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: VX041561.D

Acq: 16 May 2024 14:20

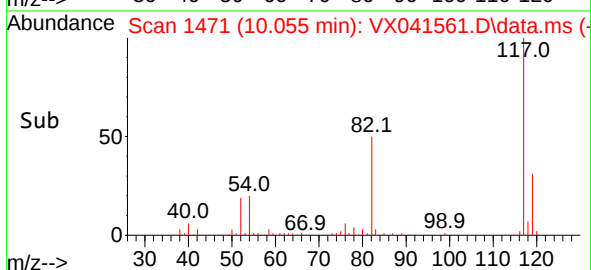
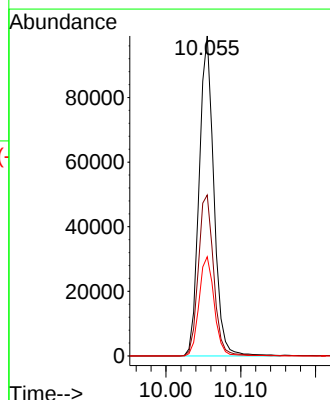
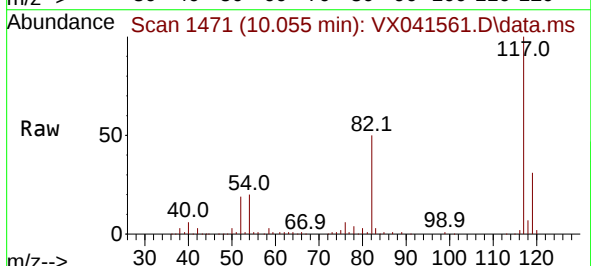
Tgt Ion:117 Resp: 135252

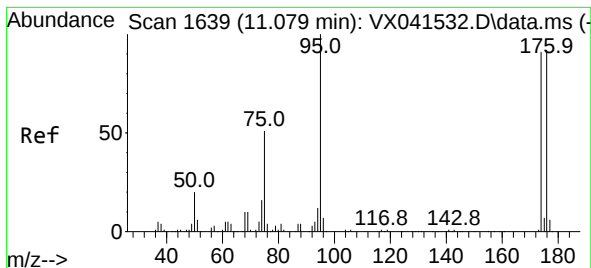
Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 31.9 25.7 38.5

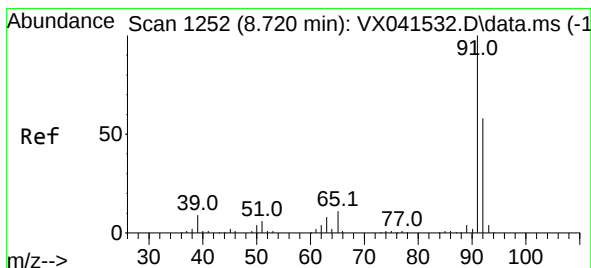
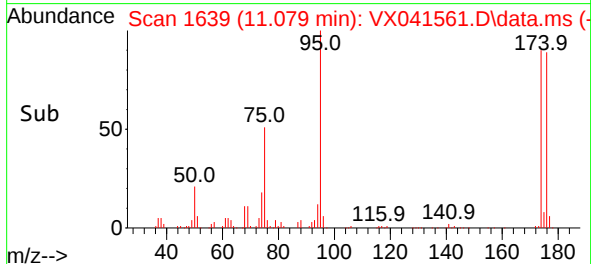
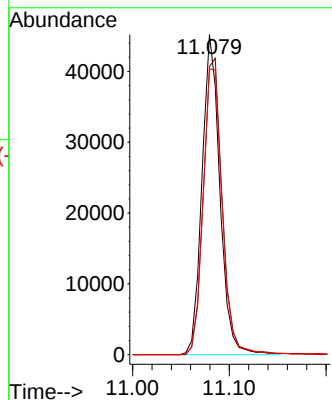
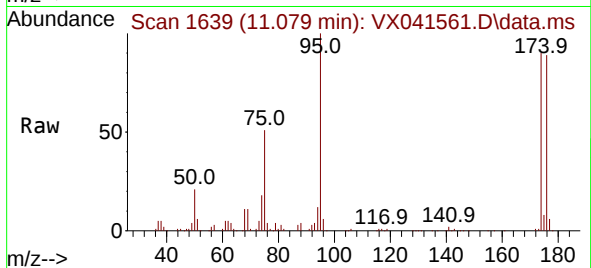




#60
4-Bromofluorobenzene
Concen: 27.575 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041561.D
Acq: 16 May 2024 14:20

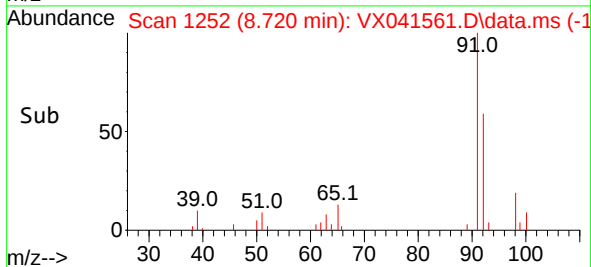
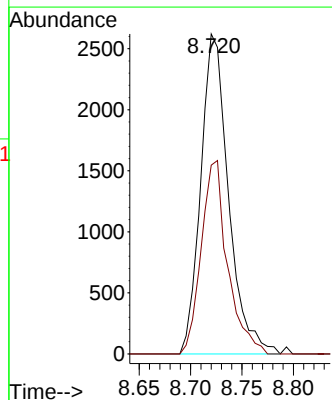
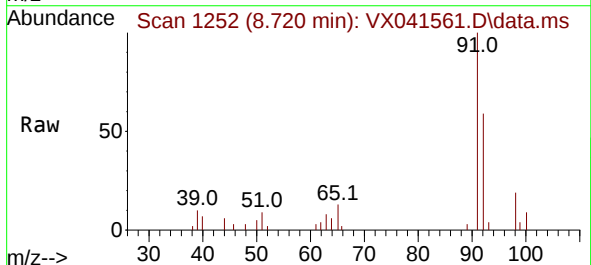
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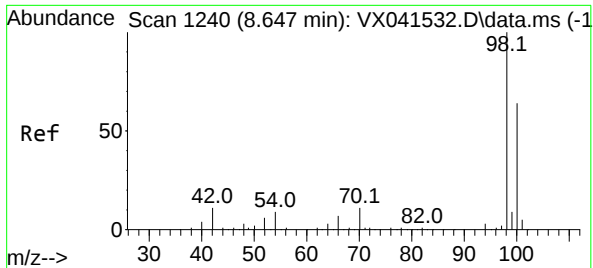
Tgt Ion: 95 Resp: 58222
Ion Ratio Lower Upper
95 100
174 97.1 76.6 115.0
176 95.4 75.4 113.0



#62
Toluene
Concen: 0.732 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041561.D
Acq: 16 May 2024 14:20

Tgt Ion: 91 Resp: 4929
Ion Ratio Lower Upper
91 100
92 57.2 47.0 70.6





#63
Toluene-d8
Concen: 29.984 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041561.D
Acq: 16 May 2024 14:20

Instrument :
MSVOA_X
ClientSampleId :
240513014-02

Tgt Ion: 98 Resp: 173838
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

