

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036171.D
 Acq On : 15 Jun 2023 15:52
 Operator : JC/MD
 Sample : 03278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20230614

Quant Time: Jun 16 07:56:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	38790	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	205919	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	180959	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	106430	33.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.067%#
60) 4-Bromofluorobenzene	11.079	95	88155	29.032	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.767%
63) Toluene-d8	8.647	98	232322	29.041	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.800%

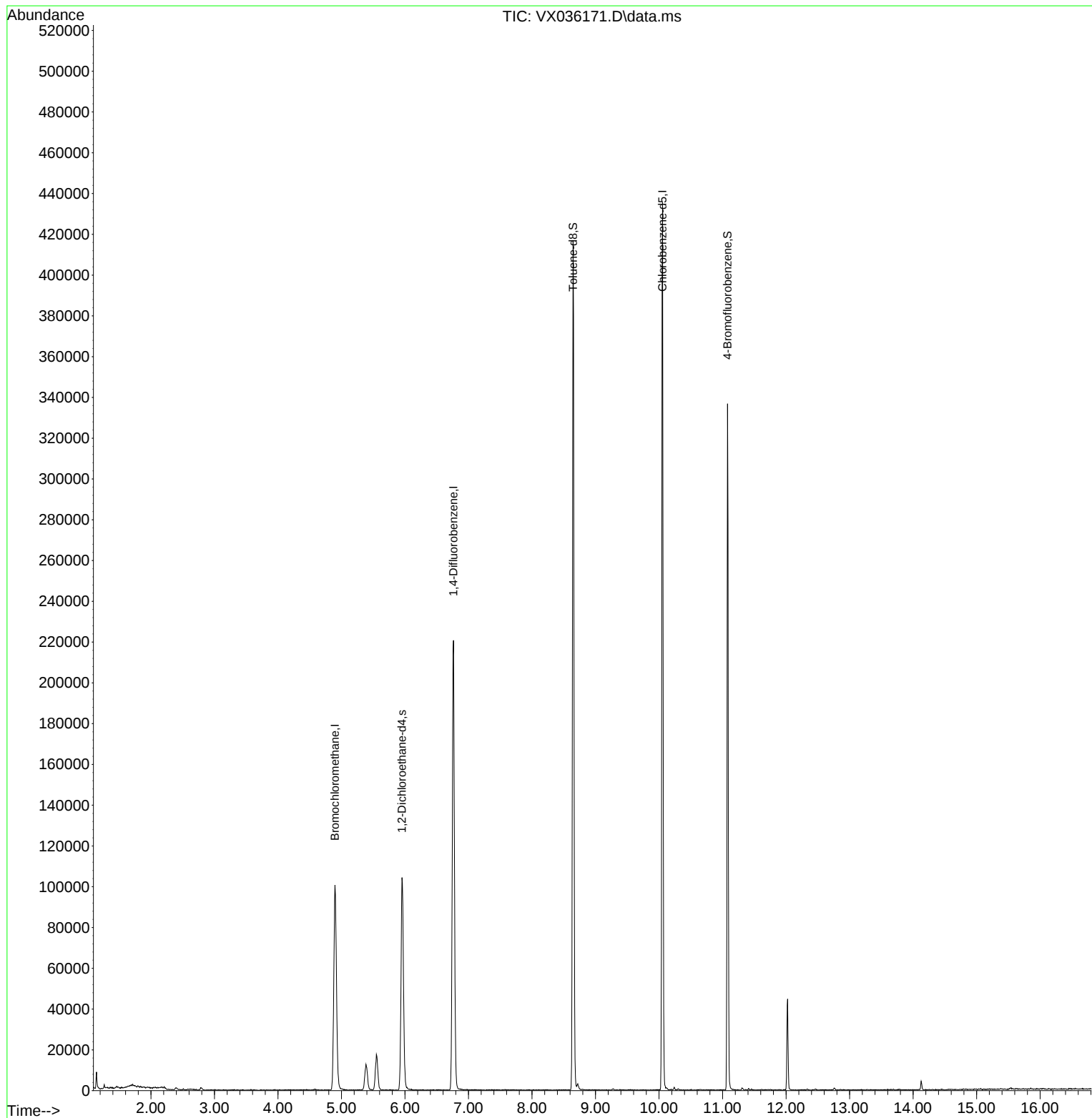
Target Compounds	Qvalue

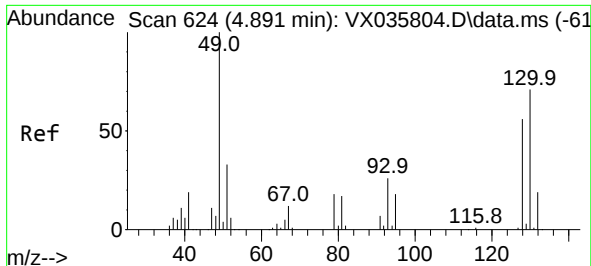
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

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Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20230614

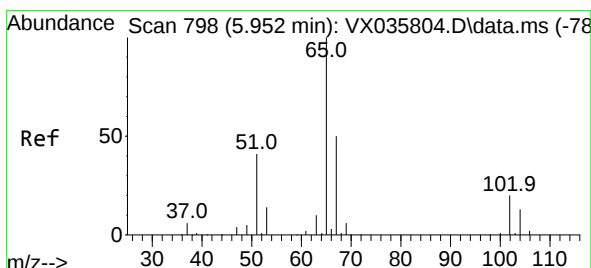
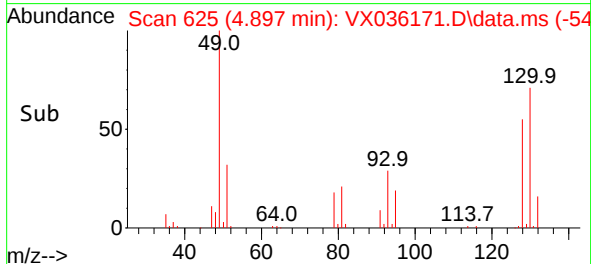
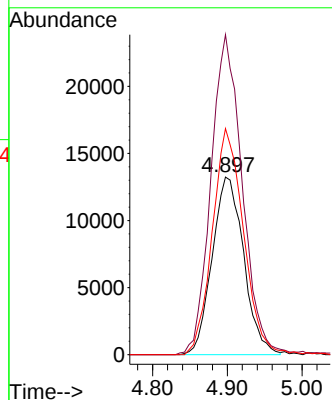
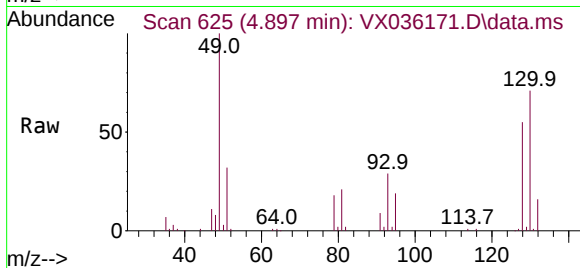
Tgt Ion:128 Resp: 38790

Ion Ratio Lower Upper

128 100

49 178.6 0.0 428.8

130 125.8 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 33.022 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036171.D

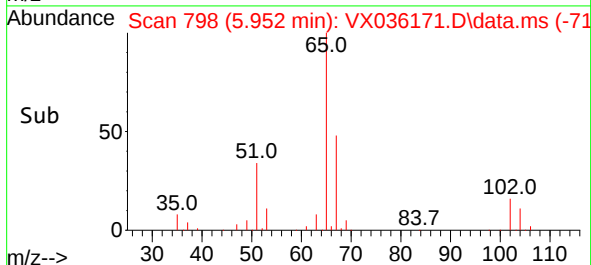
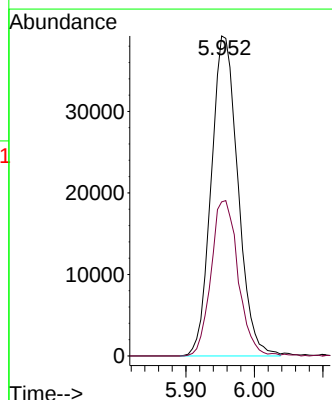
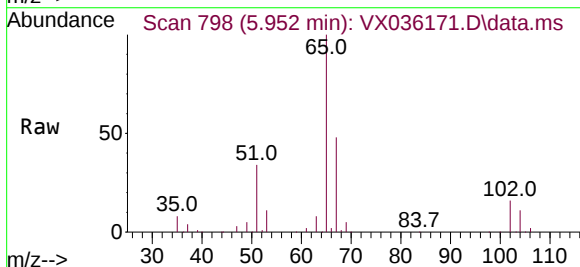
Acq: 15 Jun 2023 15:52

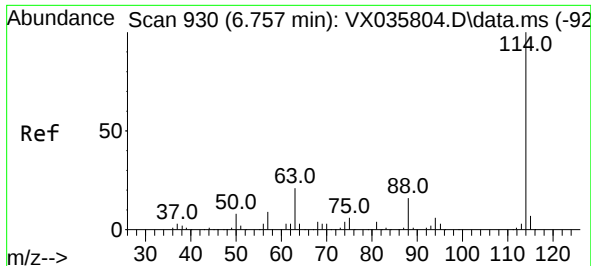
Tgt Ion: 65 Resp: 106430

Ion Ratio Lower Upper

65 100

67 48.8 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX036171.D

Acq: 15 Jun 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

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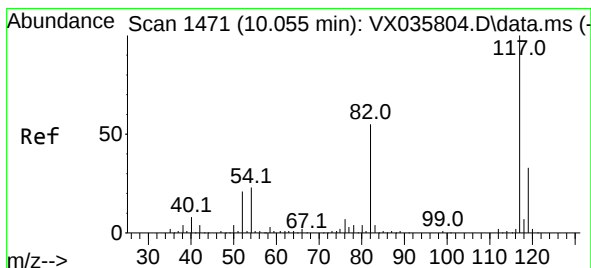
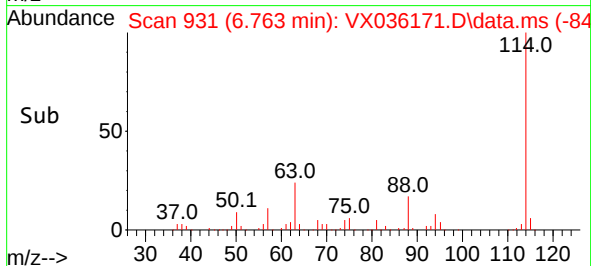
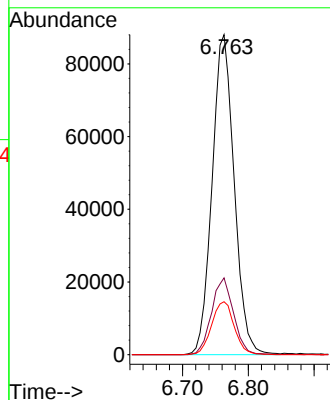
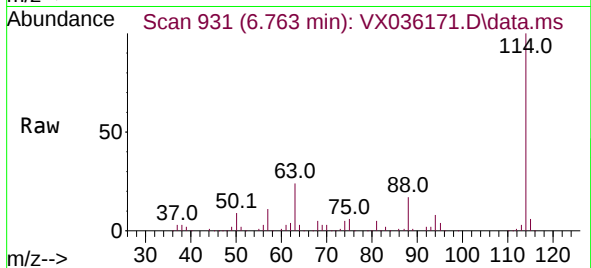
Tgt Ion:114 Resp: 205919

Ion Ratio Lower Upper

114 100

63 23.8 18.0 27.0

88 17.0 13.3 19.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036171.D

Acq: 15 Jun 2023 15:52

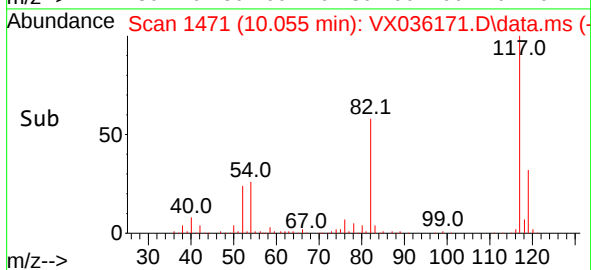
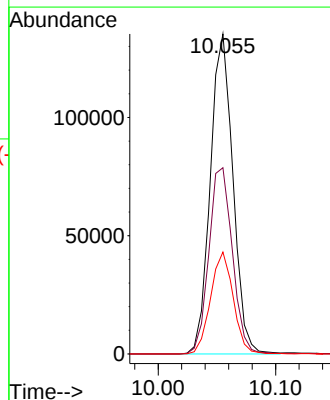
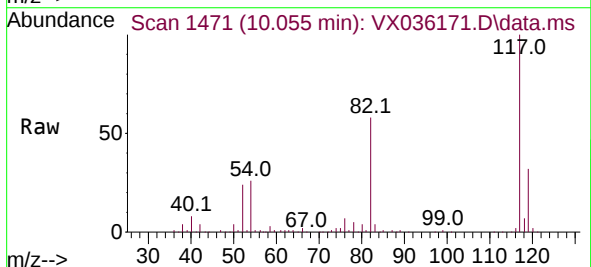
Tgt Ion:117 Resp: 180959

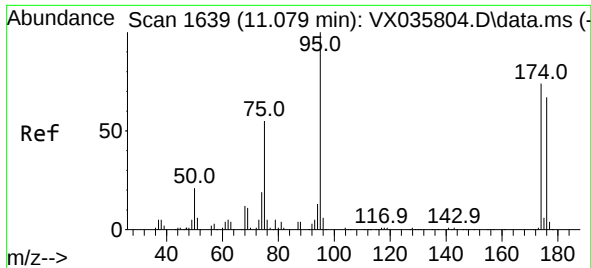
Ion Ratio Lower Upper

117 100

82 60.6 45.8 68.8

119 31.9 25.4 38.0

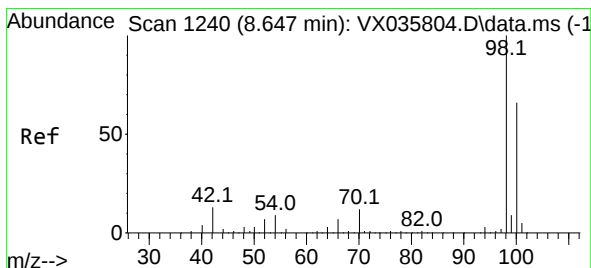
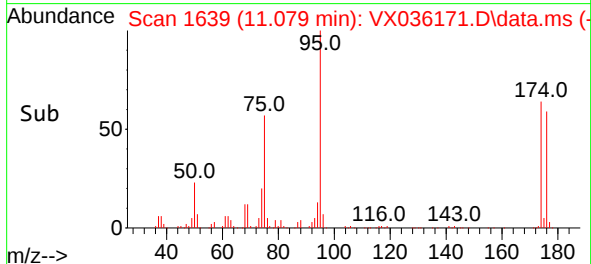
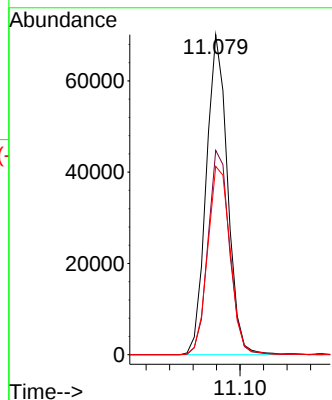
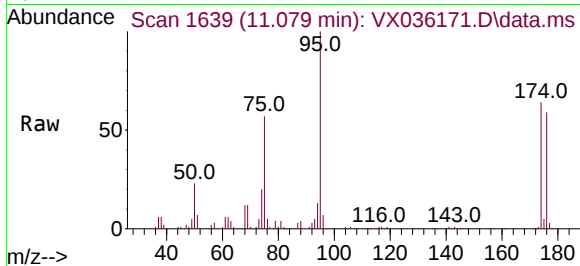




#60
4-Bromofluorobenzene
Concen: 29.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036171.D
Acq: 15 Jun 2023 15:52

Instrument :
MSVOA_X
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Tgt Ion: 95 Resp: 88155
Ion Ratio Lower Upper
95 100
174 64.6 0.2 0.4#
176 62.4 0.2 0.2#



#63
Toluene-d8
Concen: 29.041 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036171.D
Acq: 15 Jun 2023 15:52

Tgt Ion: 98 Resp: 232322
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

