

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034951.D
 Acq On : 06 Apr 2023 13:21
 Operator : JC/MD
 Sample : VX0406WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBL01

Quant Time: Apr 07 03:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	27614	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	161079	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170259	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	77267	29.122	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.067%
60) 4-Bromofluorobenzene	11.079	95	95271	28.004	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.333%
63) Toluene-d8	8.647	98	170313	29.435	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.133%

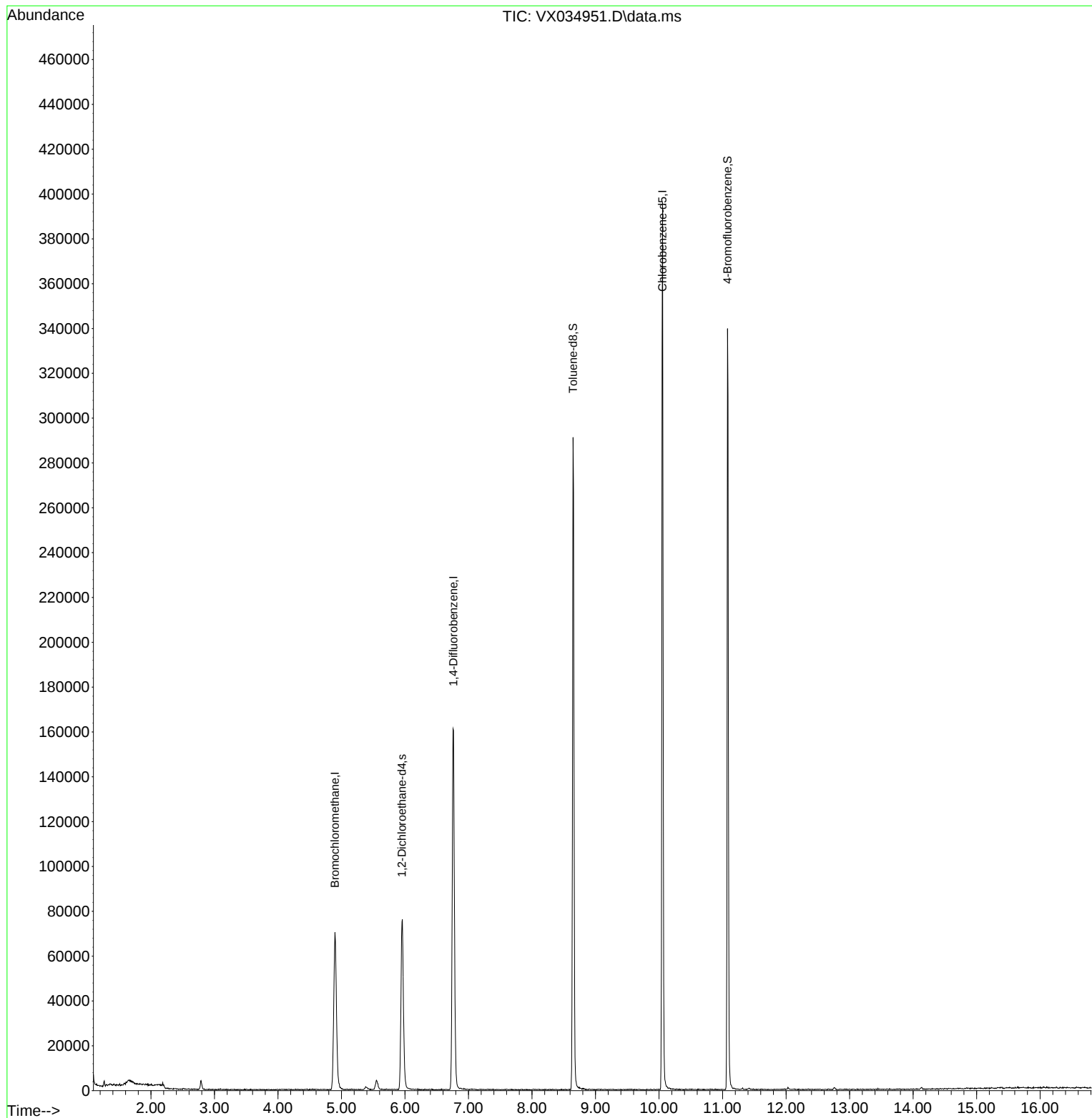
Target Compounds	Qvalue

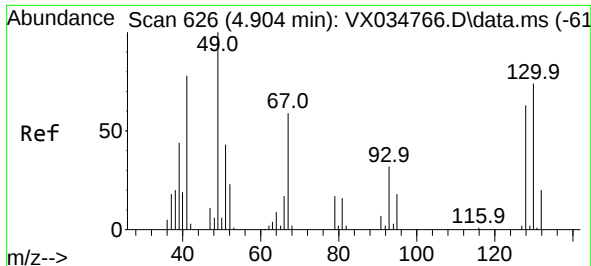
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX034951.D

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Instrument :

MSVOA_X

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VX0406WBL01

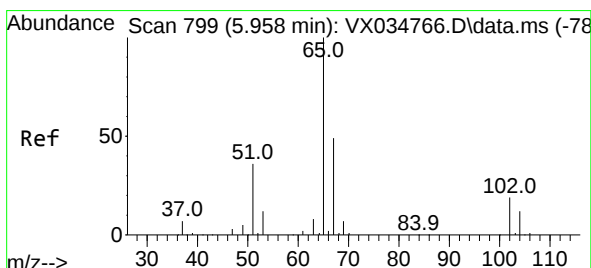
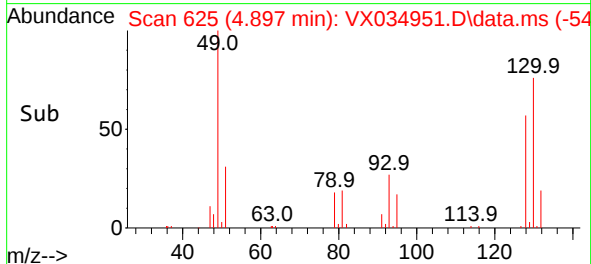
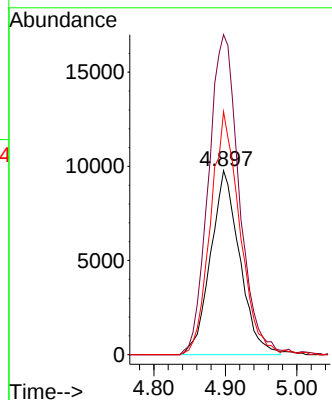
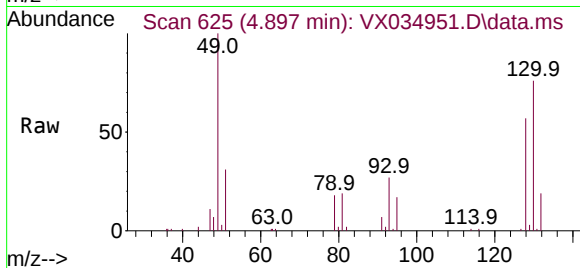
Tgt Ion:128 Resp: 27614

Ion Ratio Lower Upper

128 100

49 183.6 0.0 428.8

130 132.5 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 29.122 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034951.D

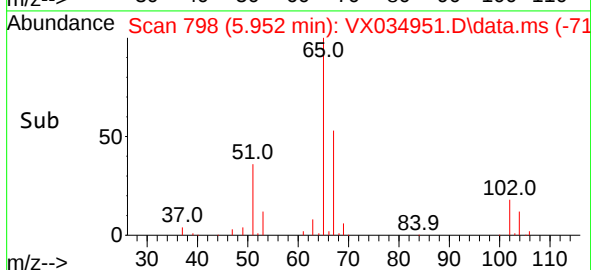
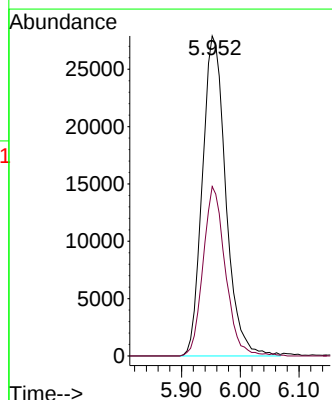
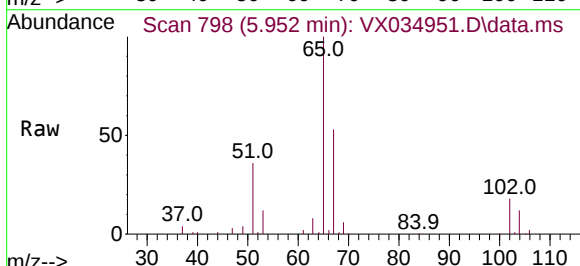
Acq: 06 Apr 2023 13:21

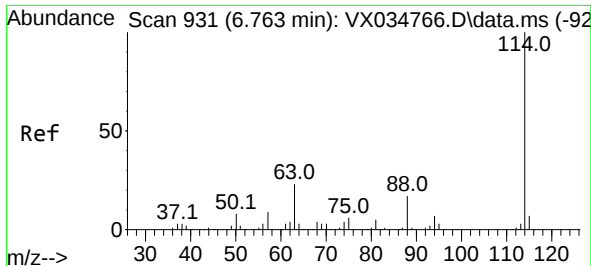
Tgt Ion: 65 Resp: 77267

Ion Ratio Lower Upper

65 100

67 50.1 40.9 61.3

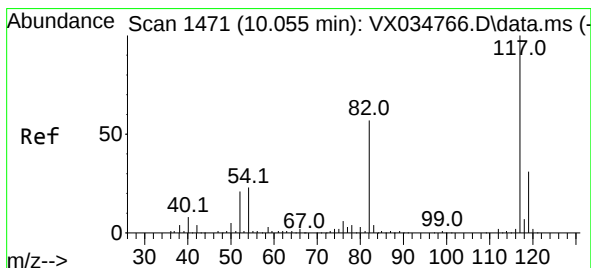
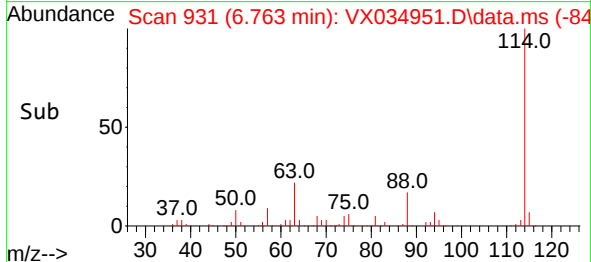
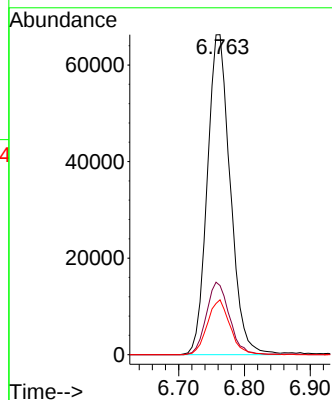
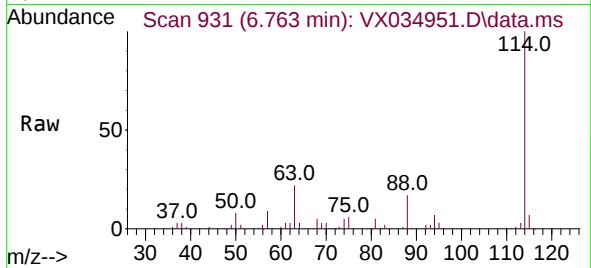




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

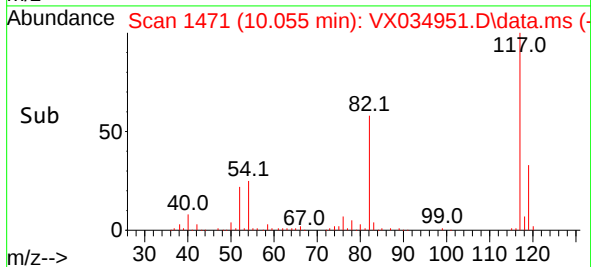
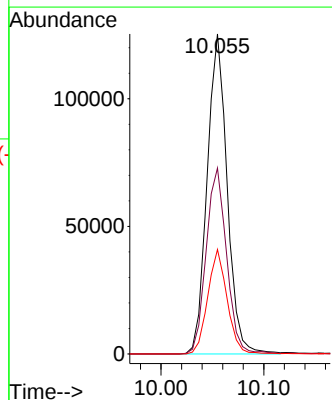
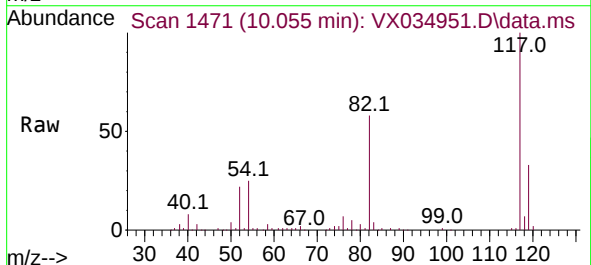
Instrument :
MSVOA_X
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VX0406WBL01

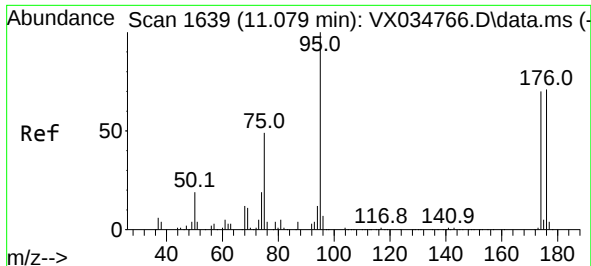
Tgt Ion:114 Resp: 161079
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 17.0 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Tgt Ion:117 Resp: 170259
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.8
119 31.7 25.4 38.0

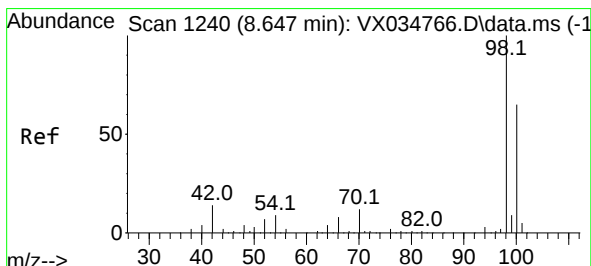
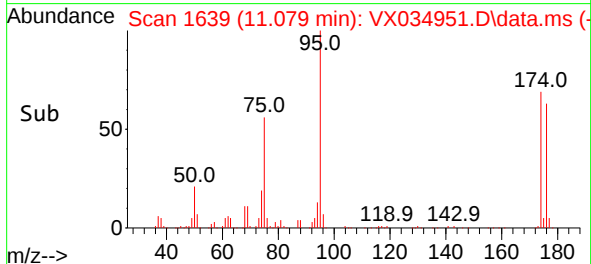
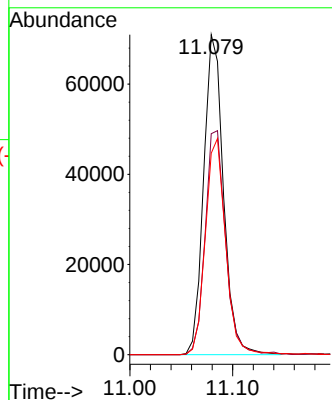
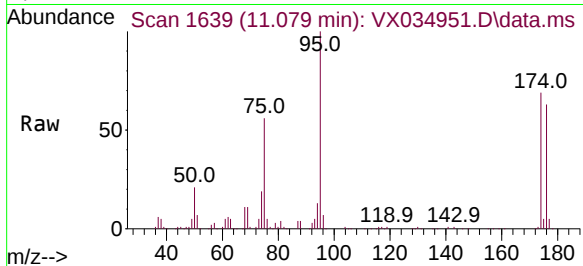




#60
4-Bromofluorobenzene
Concen: 28.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Instrument :
MSVOA_X
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Tgt Ion: 95 Resp: 95271
Ion Ratio Lower Upper
95 100
174 71.6 0.2 0.4#
176 69.1 0.2 0.2#



#63
Toluene-d8
Concen: 29.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034951.D
Acq: 06 Apr 2023 13:21

Tgt Ion: 98 Resp: 170313
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

