

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034964.D
 Acq On : 07 Apr 2023 11:59
 Operator : JC/MD
 Sample : VX0407WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL01

Quant Time: Apr 07 23:57:58 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	4.904	128	29693	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	190381	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	195297	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	83724	29.346	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.833%
60) 4-Bromofluorobenzene	11.079	95	110152	28.227	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.100%
63) Toluene-d8	8.647	98	200046	30.142	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%

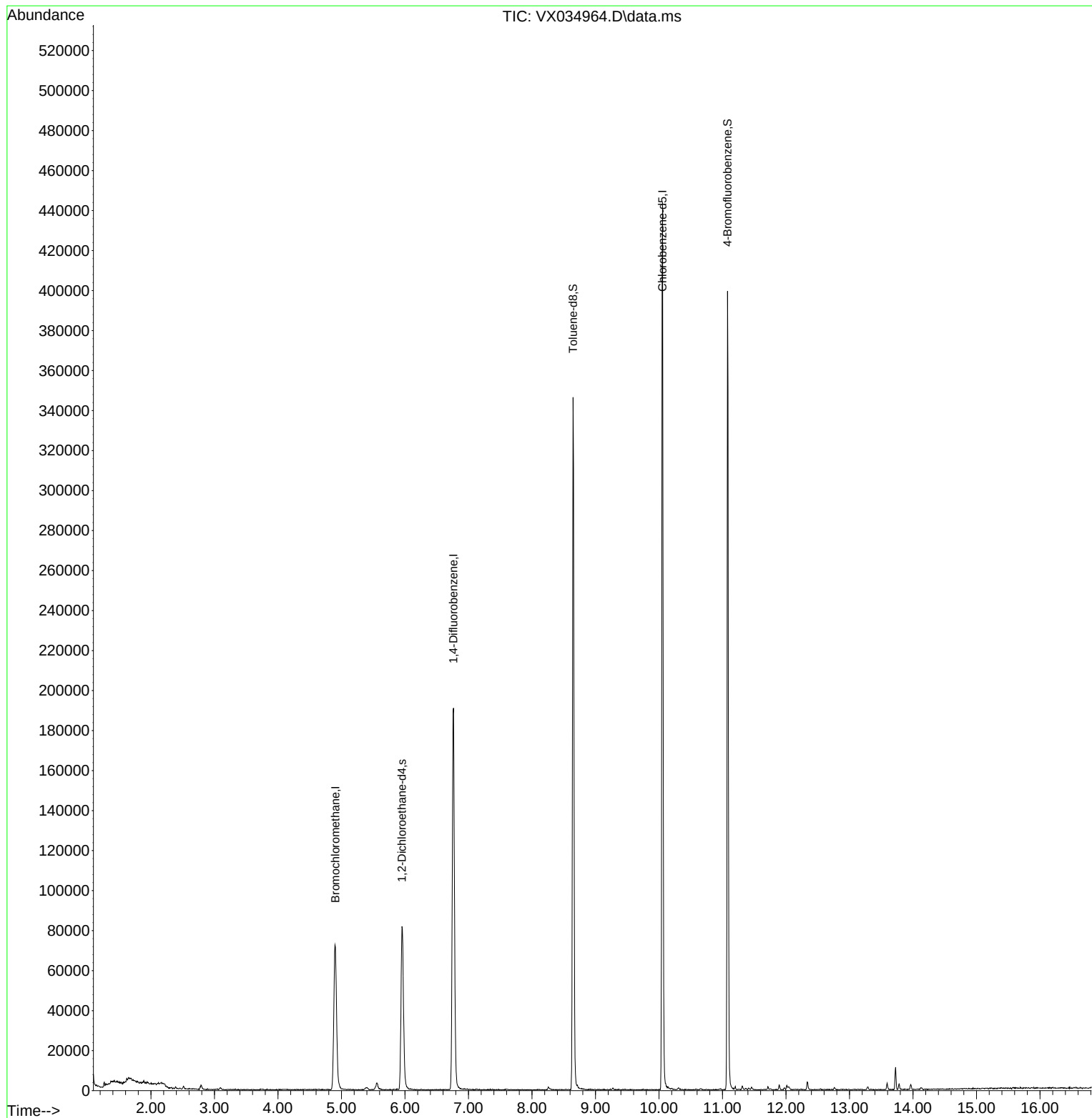
Target Compounds	Qvalue

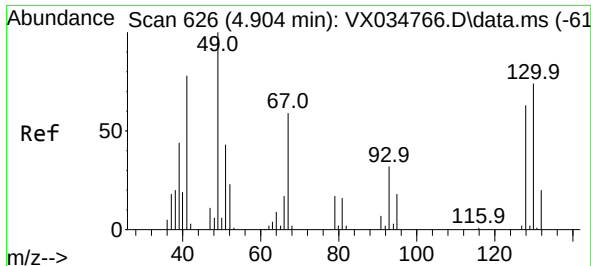
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

VX0407WBL01

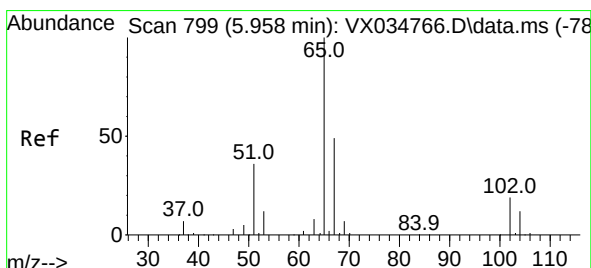
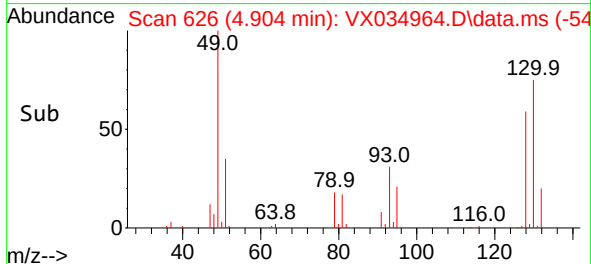
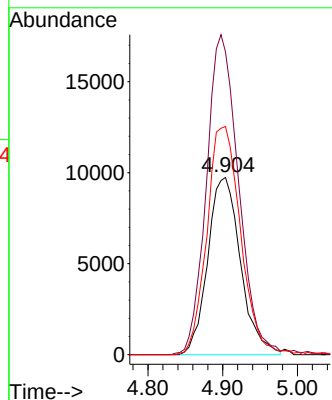
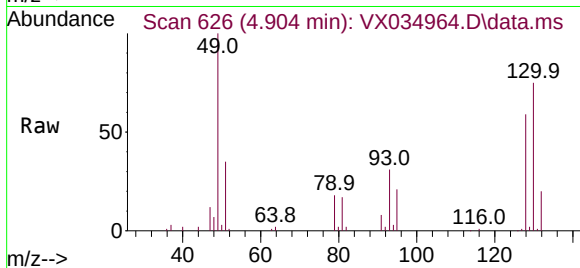
Tgt Ion:128 Resp: 29693

Ion Ratio Lower Upper

128 100

49 177.3 0.0 428.8

130 132.2 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 29.346 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034964.D

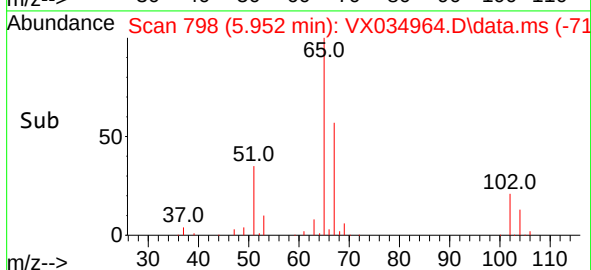
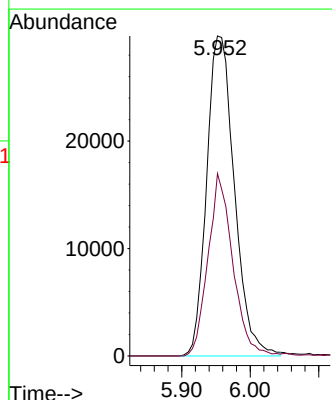
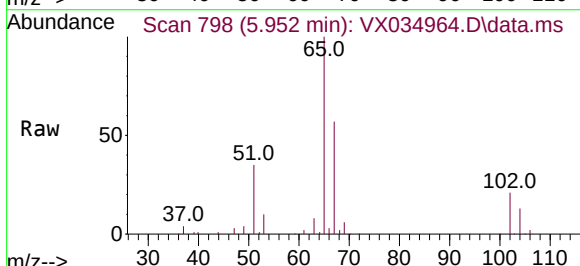
Acq: 07 Apr 2023 11:59

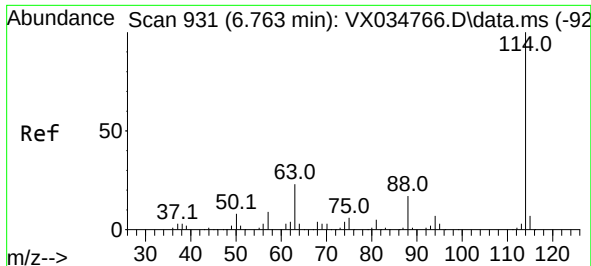
Tgt Ion: 65 Resp: 83724

Ion Ratio Lower Upper

65 100

67 50.9 40.9 61.3

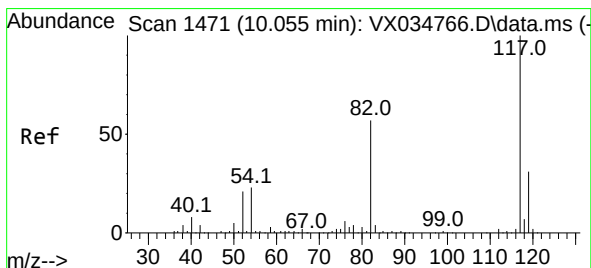
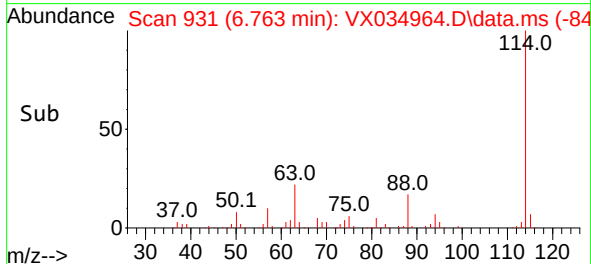
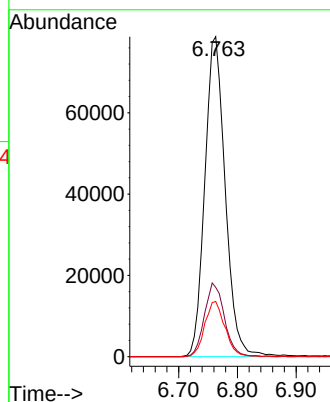
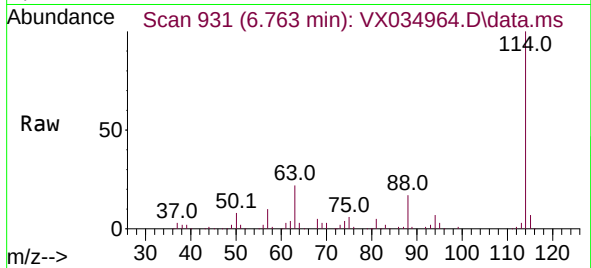




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

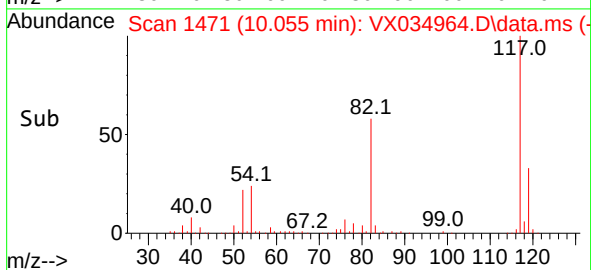
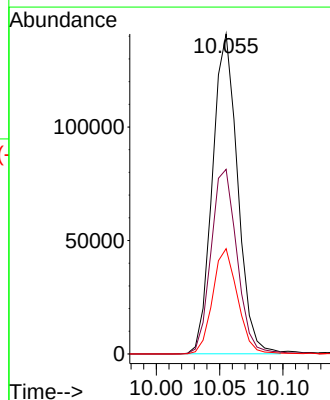
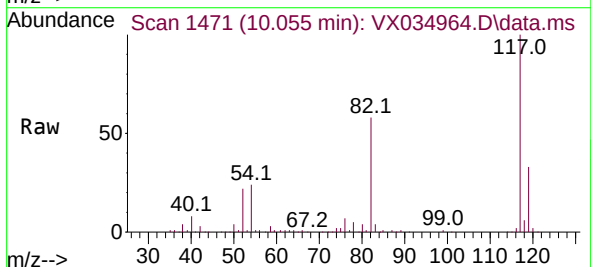
Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

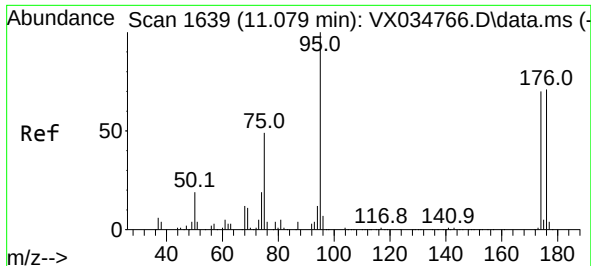
Tgt Ion:114 Resp: 190381
Ion Ratio Lower Upper
114 100
63 22.5 18.0 27.0
88 17.1 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

Tgt Ion:117 Resp: 195297
Ion Ratio Lower Upper
117 100
82 59.6 45.8 68.8
119 32.7 25.4 38.0

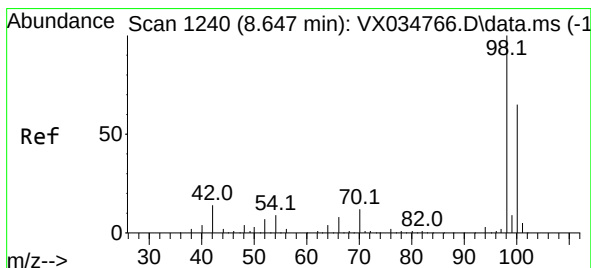
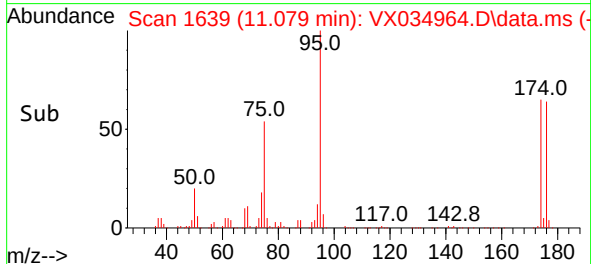
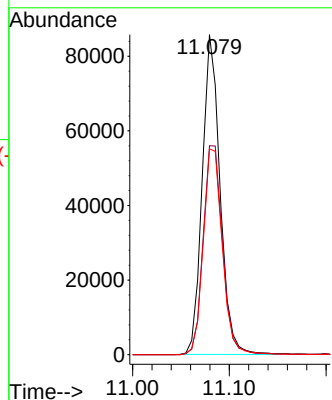
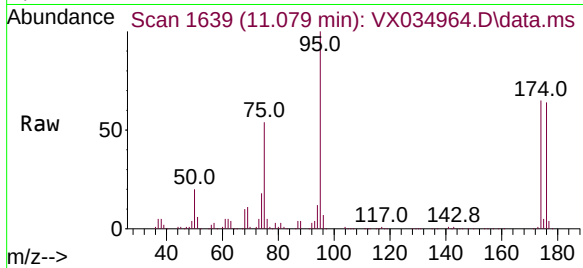




#60
4-Bromofluorobenzene
Concen: 28.227 ug/l
RT: 11.079 min Scan# 110152
Delta R.T. 0.000 min
Lab File: VX034964.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

Tgt Ion: 95 Resp: 110152
Ion Ratio Lower Upper
95 100
174 70.9 0.2 0.4#
176 69.0 0.2 0.2#



#63
Toluene-d8
Concen: 30.142 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034964.D
Acq: 07 Apr 2023 11:59

Tgt Ion: 98 Resp: 200046
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

