

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034783.D
 Acq On : 28 Mar 2023 10:51
 Operator : JC/MD
 Sample : VX0328WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBL02

Quant Time: Mar 28 15:17:44 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	4.903	128	26138	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	189455	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	196404	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	77984	31.052	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.500%
60) 4-Bromofluorobenzene	11.079	95	107166	27.307	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.033%
63) Toluene-d8	8.647	98	201035	30.120	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%

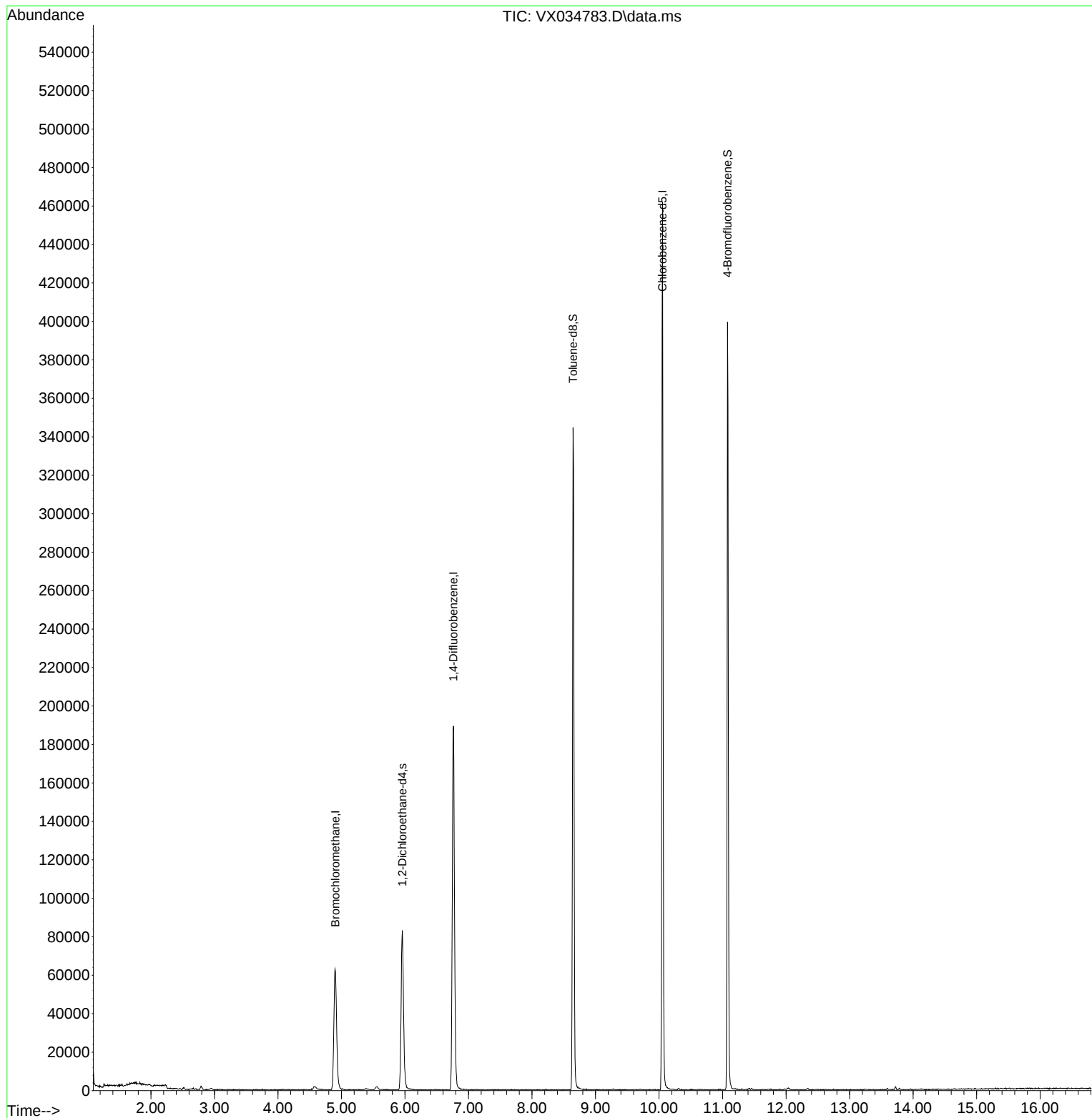
Target Compounds	Qvalue

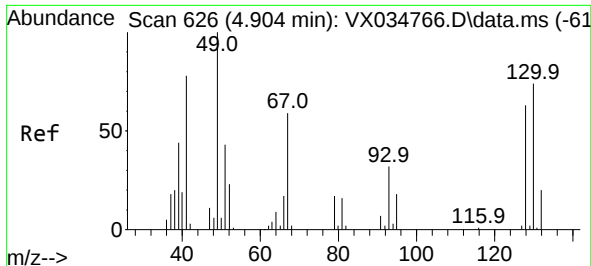
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX034783.D

Acq: 28 Mar 2023 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBL02

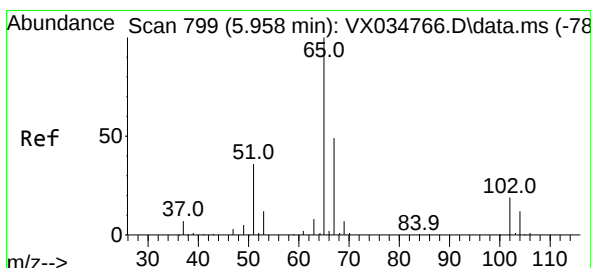
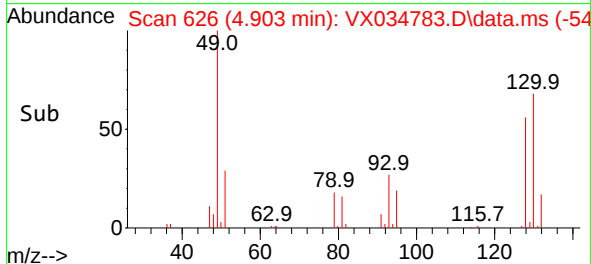
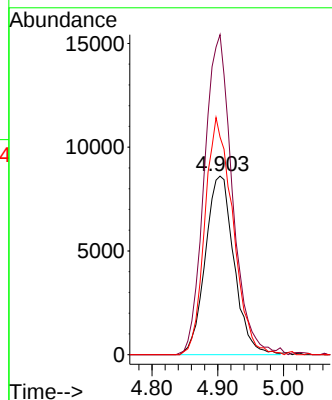
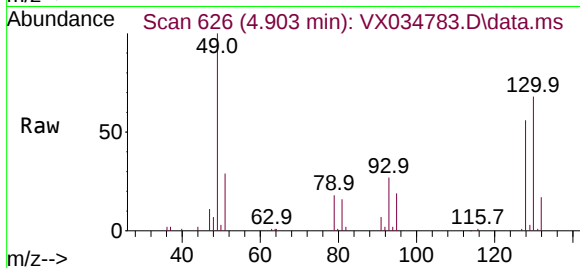
Tgt Ion:128 Resp: 26138

Ion Ratio Lower Upper

128 100

49 175.0 0.0 428.8

130 129.8 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 31.052 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034783.D

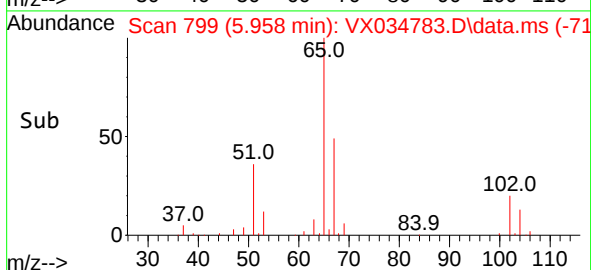
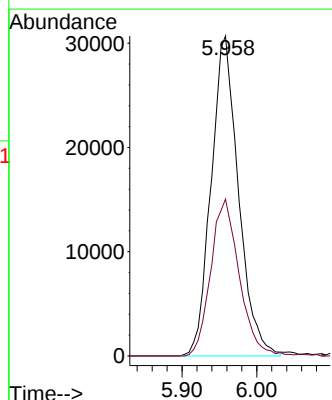
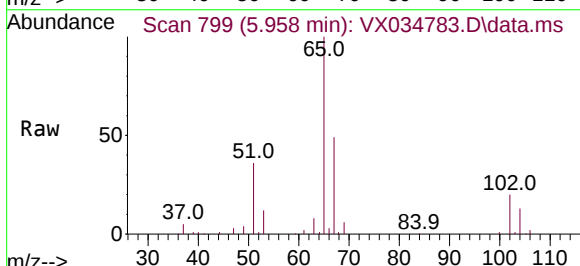
Acq: 28 Mar 2023 10:51

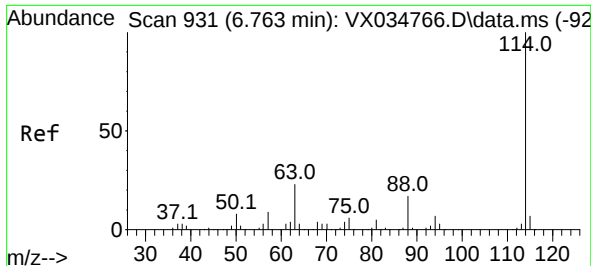
Tgt Ion: 65 Resp: 77984

Ion Ratio Lower Upper

65 100

67 51.1 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: VX034783.D

Acq: 28 Mar 2023 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBL02

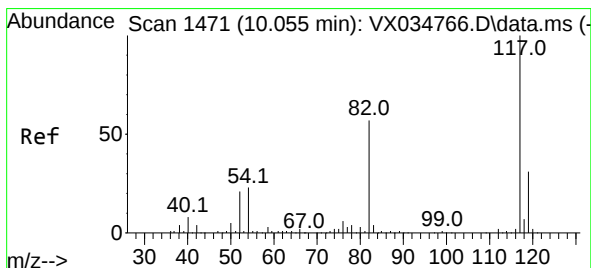
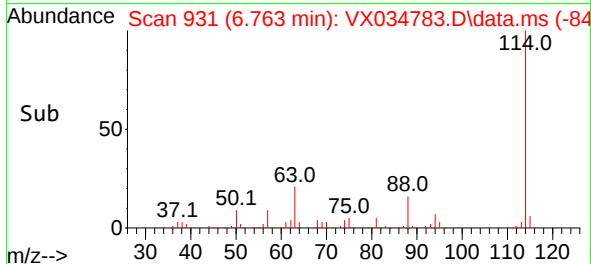
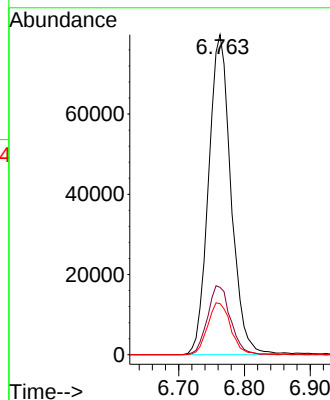
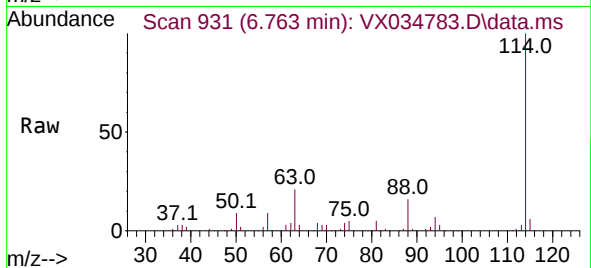
Tgt Ion:114 Resp: 189455

Ion Ratio Lower Upper

114 100

63 22.0 18.0 27.0

88 16.6 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: VX034783.D

Acq: 28 Mar 2023 10:51

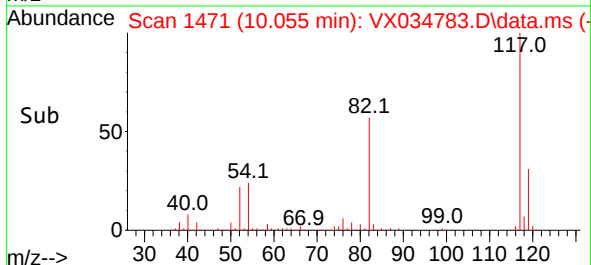
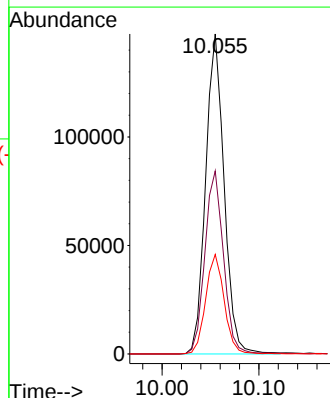
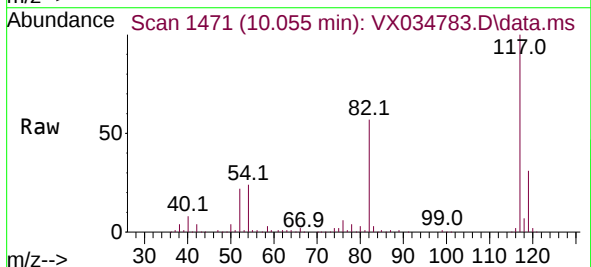
Tgt Ion:117 Resp: 196404

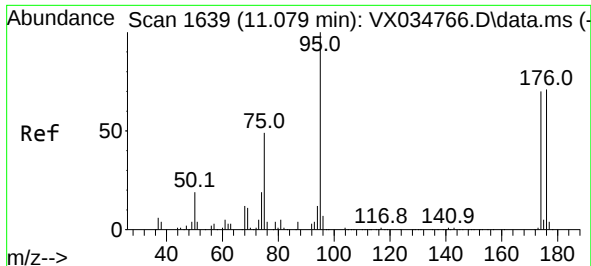
Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.8

119 31.2 25.4 38.0

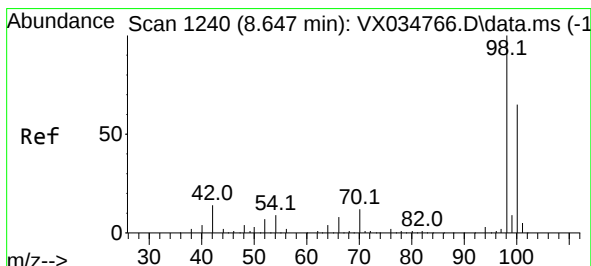
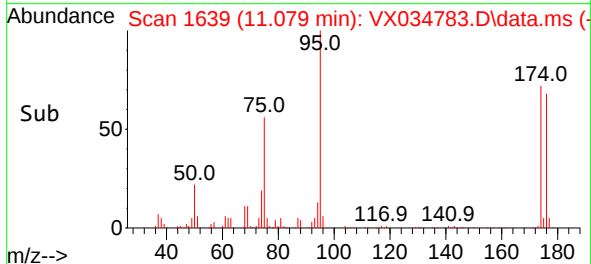
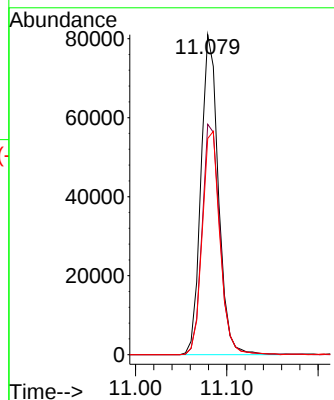
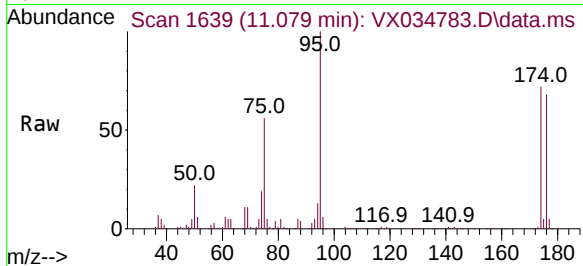




#60
4-Bromofluorobenzene
Concen: 27.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034783.D
Acq: 28 Mar 2023 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBL02

Tgt Ion: 95 Resp: 107166
Ion Ratio Lower Upper
95 100
174 73.6 0.2 0.4#
176 71.2 0.2 0.2#



#63
Toluene-d8
Concen: 30.120 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034783.D
Acq: 28 Mar 2023 10:51

Tgt Ion: 98 Resp: 201035
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

