

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034774.D
 Acq On : 28 Mar 2023 02:25
 Operator : JC/MD
 Sample : VX0327WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBL02

Quant Time: Mar 28 09:20:03 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	26686	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	183934	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	188931	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	78737	30.708	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.367%
60) 4-Bromofluorobenzene	11.079	95	100157	26.531	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.433%
63) Toluene-d8	8.647	98	194978	30.368	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.233%

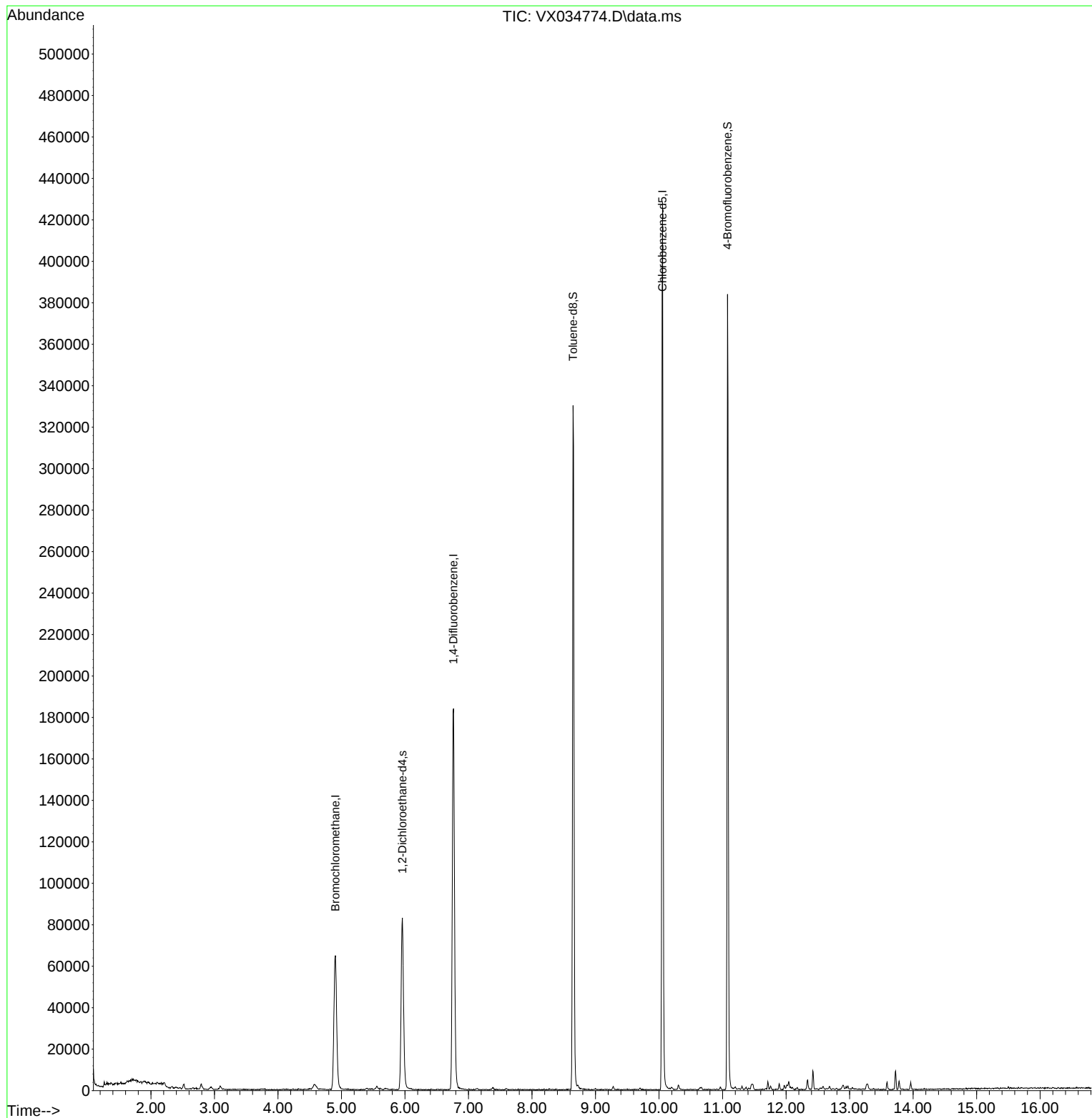
Target Compounds	Qvalue

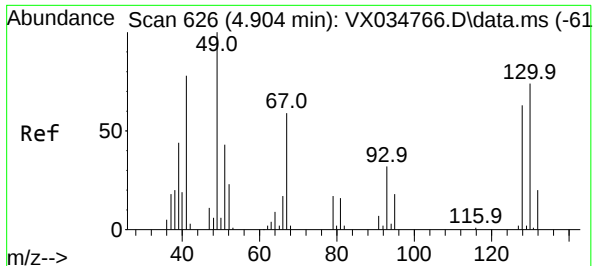
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 28 09:11:00 2023
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034774.D

Acq: 28 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL02

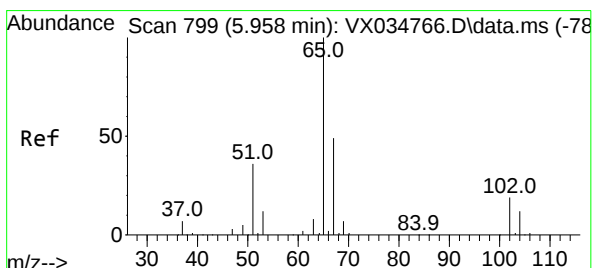
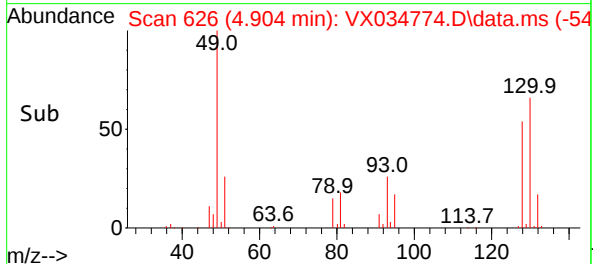
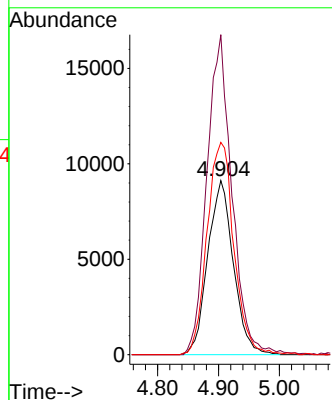
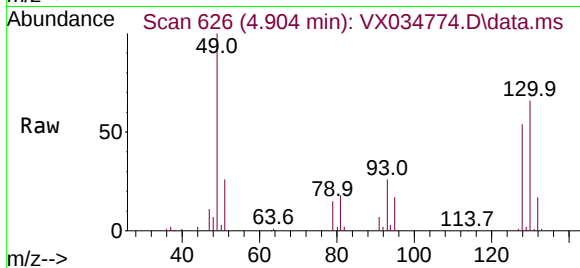
Tgt Ion:128 Resp: 26686

Ion Ratio Lower Upper

128 100

49 177.7 0.0 428.8

130 128.1 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 30.708 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX034774.D

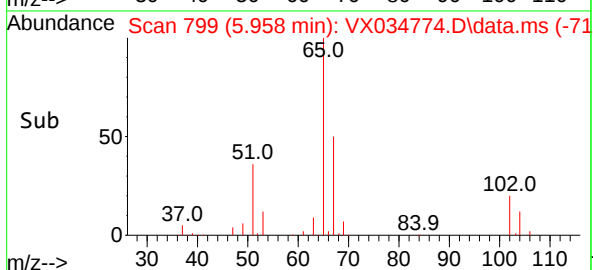
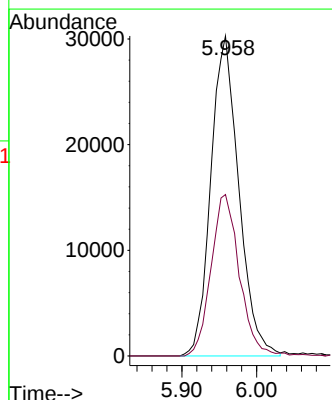
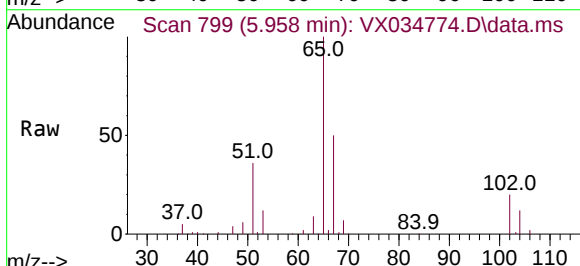
Acq: 28 Mar 2023 02:25

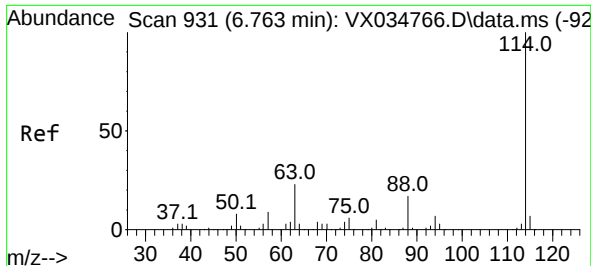
Tgt Ion: 65 Resp: 78737

Ion Ratio Lower Upper

65 100

67 50.8 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: VX034774.D

Acq: 28 Mar 2023 02:25

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBL02

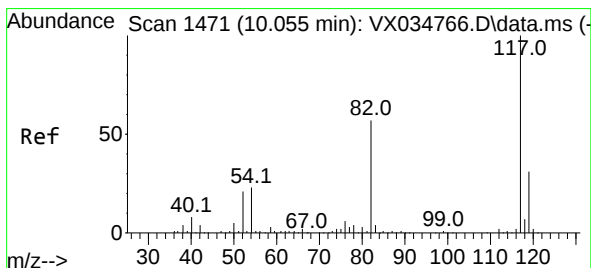
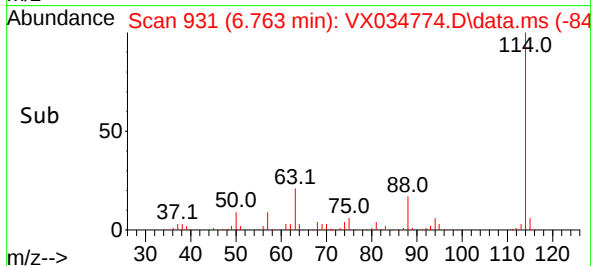
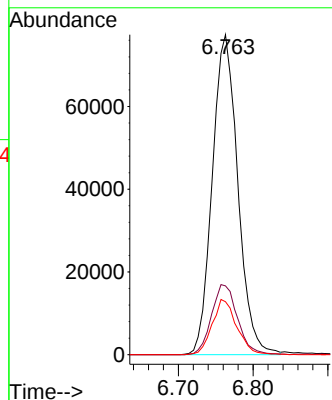
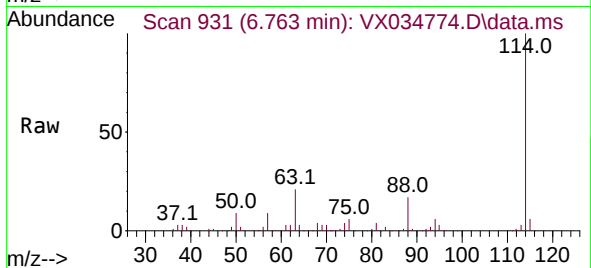
Tgt Ion:114 Resp: 183934

Ion Ratio Lower Upper

114 100

63 22.3 18.0 27.0

88 16.7 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: VX034774.D

Acq: 28 Mar 2023 02:25

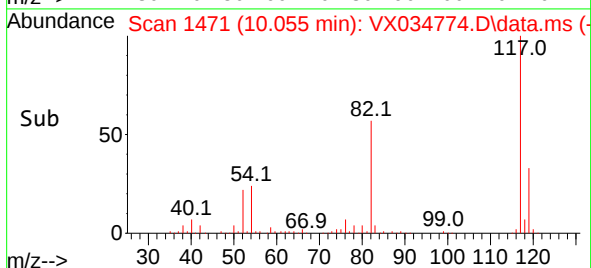
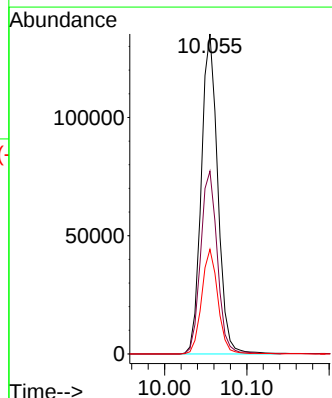
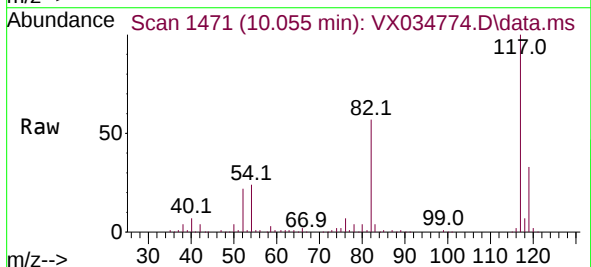
Tgt Ion:117 Resp: 188931

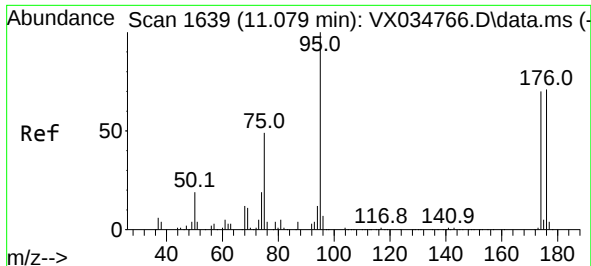
Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

119 32.2 25.4 38.0

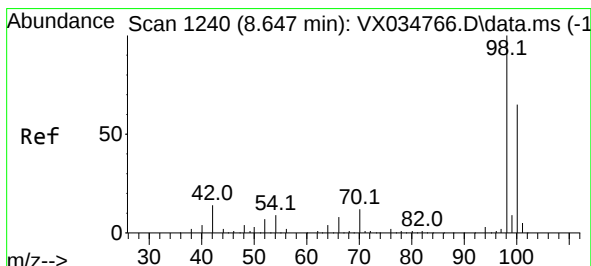
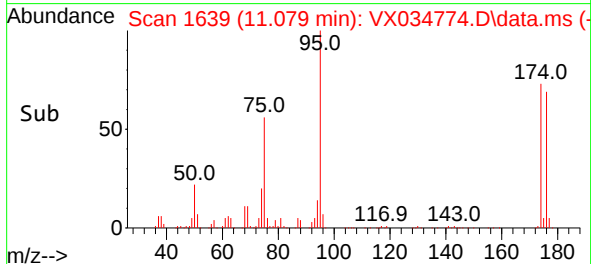
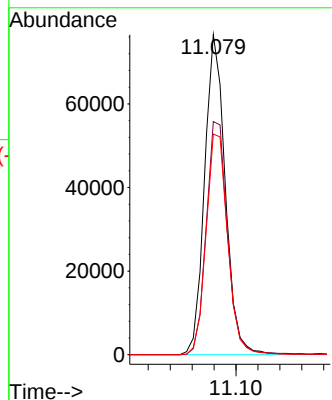
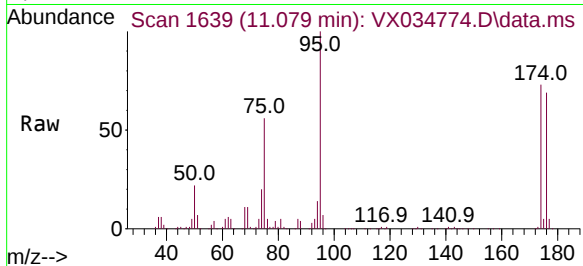




#60
4-Bromofluorobenzene
Concen: 26.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034774.D
Acq: 28 Mar 2023 02:25

Instrument :
MSVOA_X
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VX0327WBL02

Tgt Ion: 95 Resp: 100157
Ion Ratio Lower Upper
95 100
174 75.3 0.2 0.4#
176 72.0 0.2 0.2#



#63
Toluene-d8
Concen: 30.368 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034774.D
Acq: 28 Mar 2023 02:25

Tgt Ion: 98 Resp: 194978
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

