

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032767.D
 Acq On : 11 Nov 2022 12:19
 Operator : JC/MD
 Sample : N5562-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 14 05:11:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	10027	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	71572	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	76962	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	30396	31.422	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.733%
60) 4-Bromofluorobenzene	11.079	95	39625	26.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.733%
63) Toluene-d8	8.653	98	77039	29.661	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%

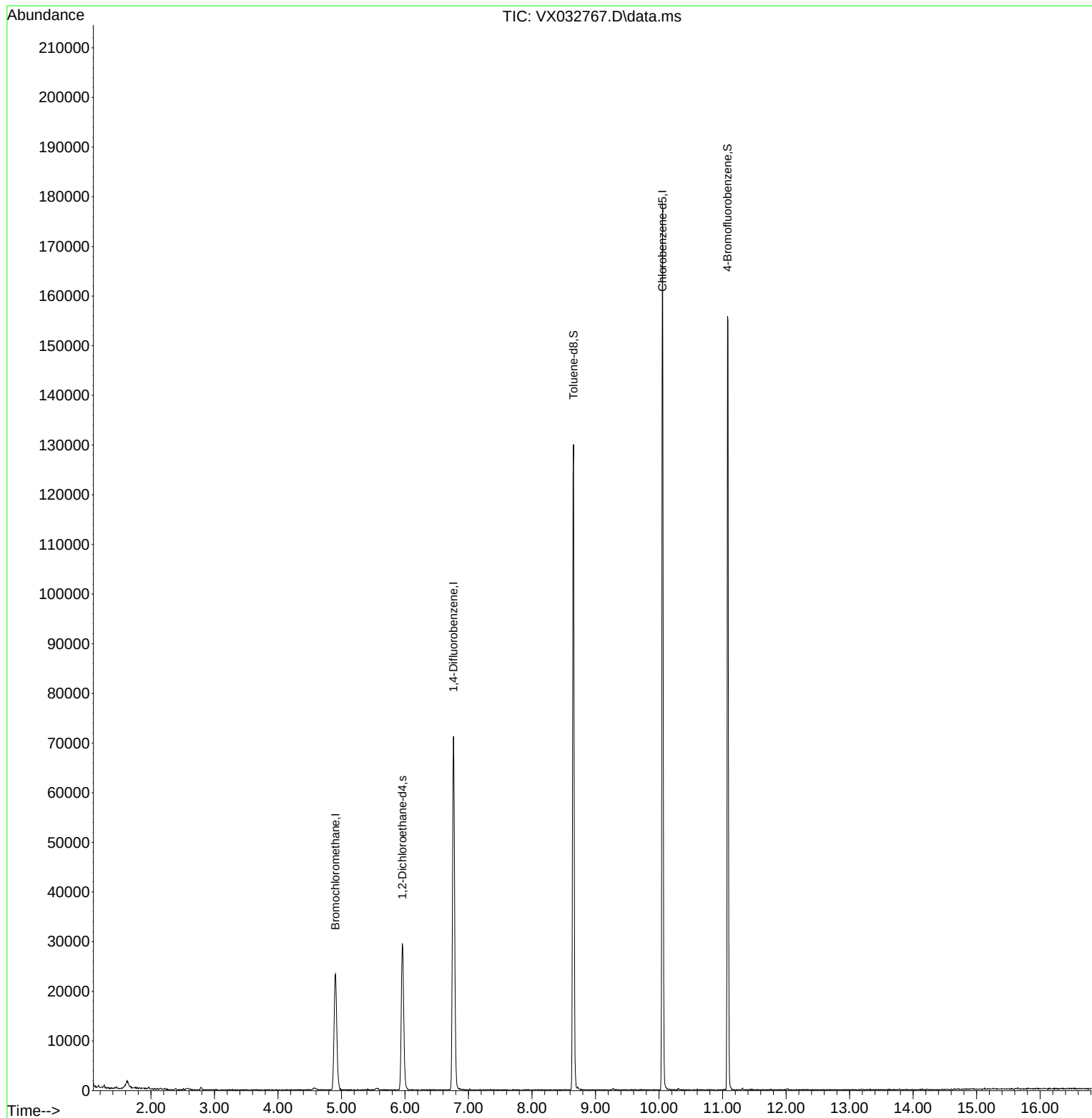
Target Compounds	Qvalue

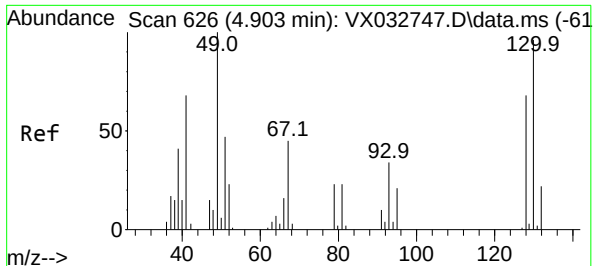
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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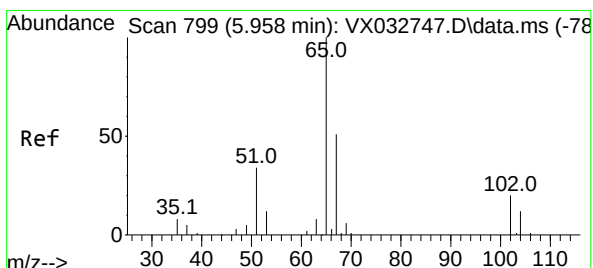
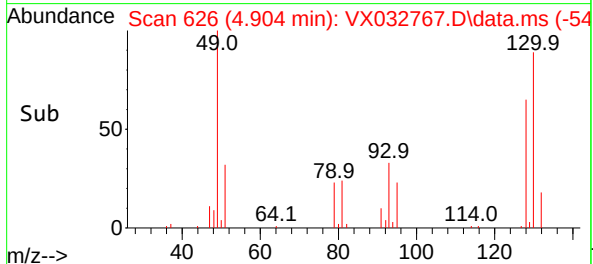
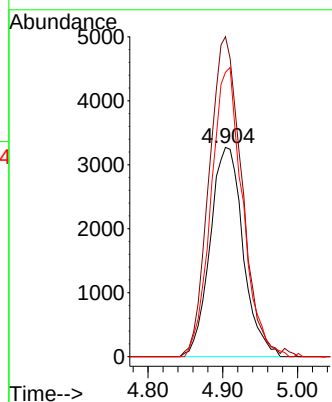
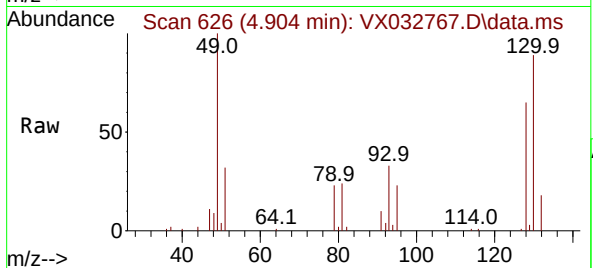




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032767.D
Acq: 11 Nov 2022 12:19

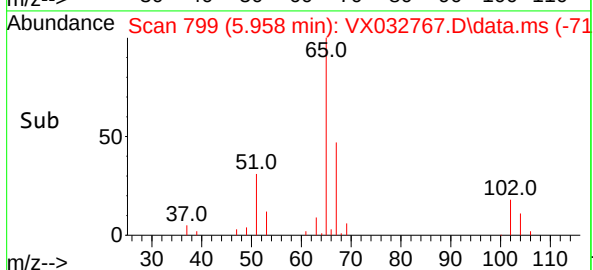
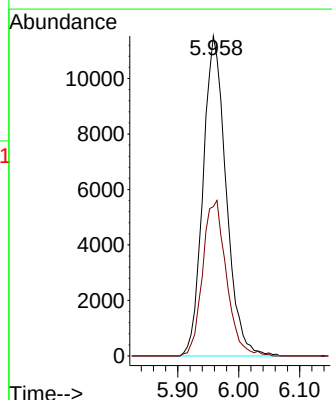
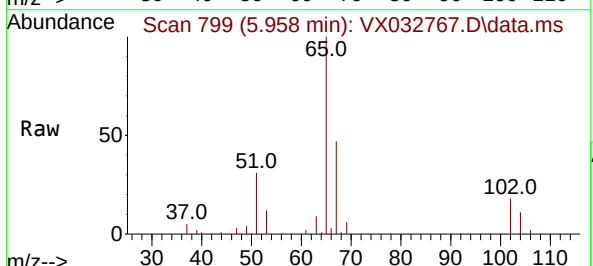
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

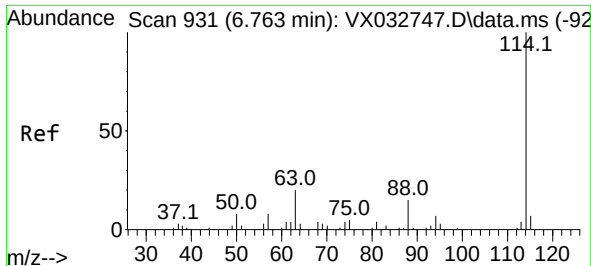
Tgt Ion:128 Resp: 10027
Ion Ratio Lower Upper
128 100
49 151.5 0.0 293.0
130 132.3 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 31.422 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032767.D
Acq: 11 Nov 2022 12:19

Tgt Ion: 65 Resp: 30396
Ion Ratio Lower Upper
65 100
67 49.6 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032767.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

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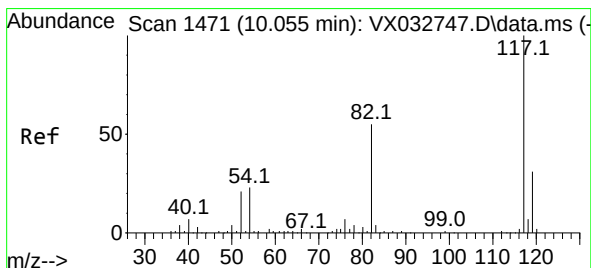
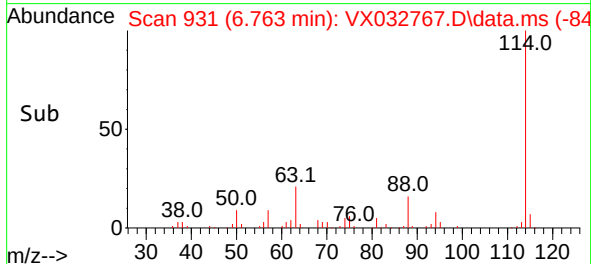
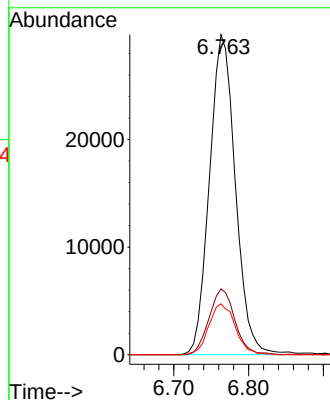
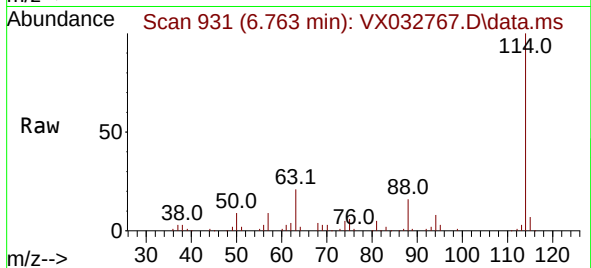
Tgt Ion:114 Resp: 71572

Ion Ratio Lower Upper

114 100

63 20.3 13.6 20.4

88 16.2 11.8 17.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032767.D

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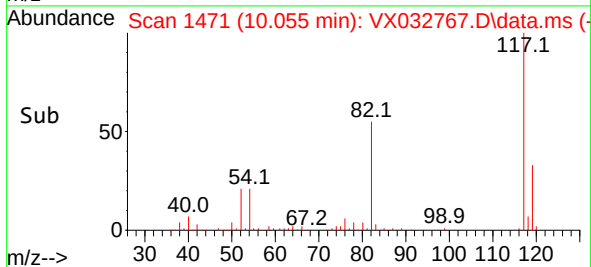
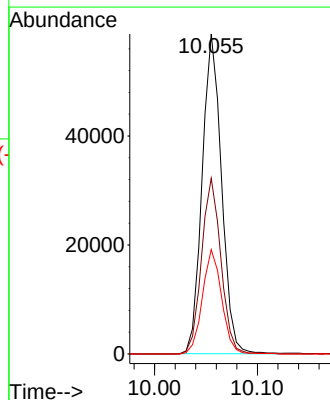
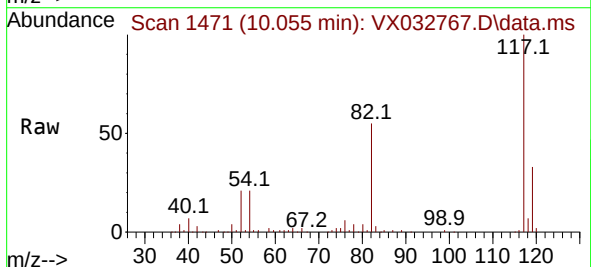
Tgt Ion:117 Resp: 76962

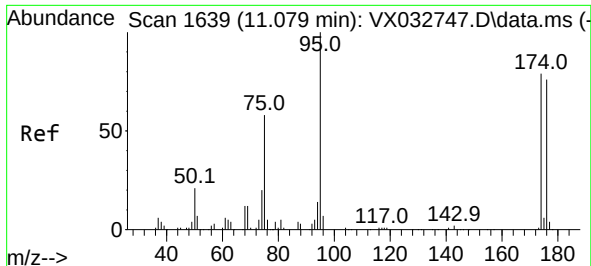
Ion Ratio Lower Upper

117 100

82 54.8 40.0 60.0

119 32.5 26.0 39.0





#60

4-Bromofluorobenzene

Concen: 26.916 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032767.D

Acq: 11 Nov 2022 12:19

Instrument :

MSVOA_X

ClientSampleId :

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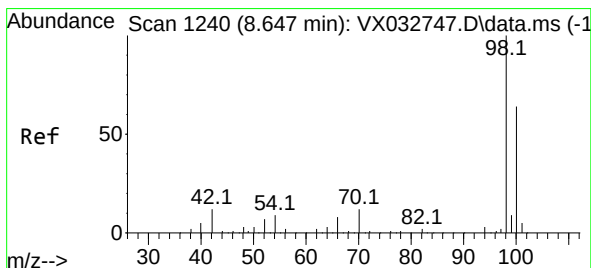
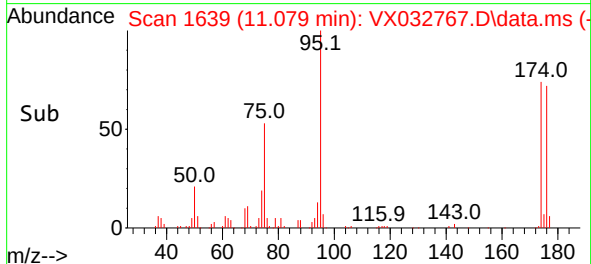
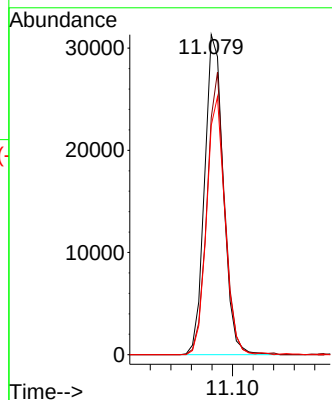
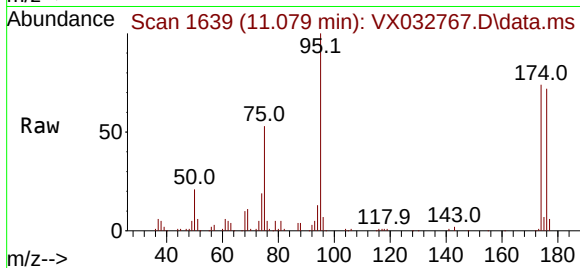
Tgt Ion: 95 Resp: 39625

Ion Ratio Lower Upper

95 100

174 84.1 68.2 102.2

176 79.3 68.1 102.1



#63

Toluene-d8

Concen: 29.661 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX032767.D

Acq: 11 Nov 2022 12:19

Tgt Ion: 98 Resp: 77039

Ion Ratio Lower Upper

98 100

100 62.9 53.8 80.8

