

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042298.D
 Acq On : 12 Jul 2024 13:30
 Operator : JC/MD
 Sample : P3219-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240710064-05-TRIP-BLANK

Quant Time: Jul 15 03:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	23448	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	92976	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	72864	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	48160	29.836	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.467%
60) 4-Bromofluorobenzene	11.079	95	28116	24.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.100%
63) Toluene-d8	8.647	98	91466	29.341	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%

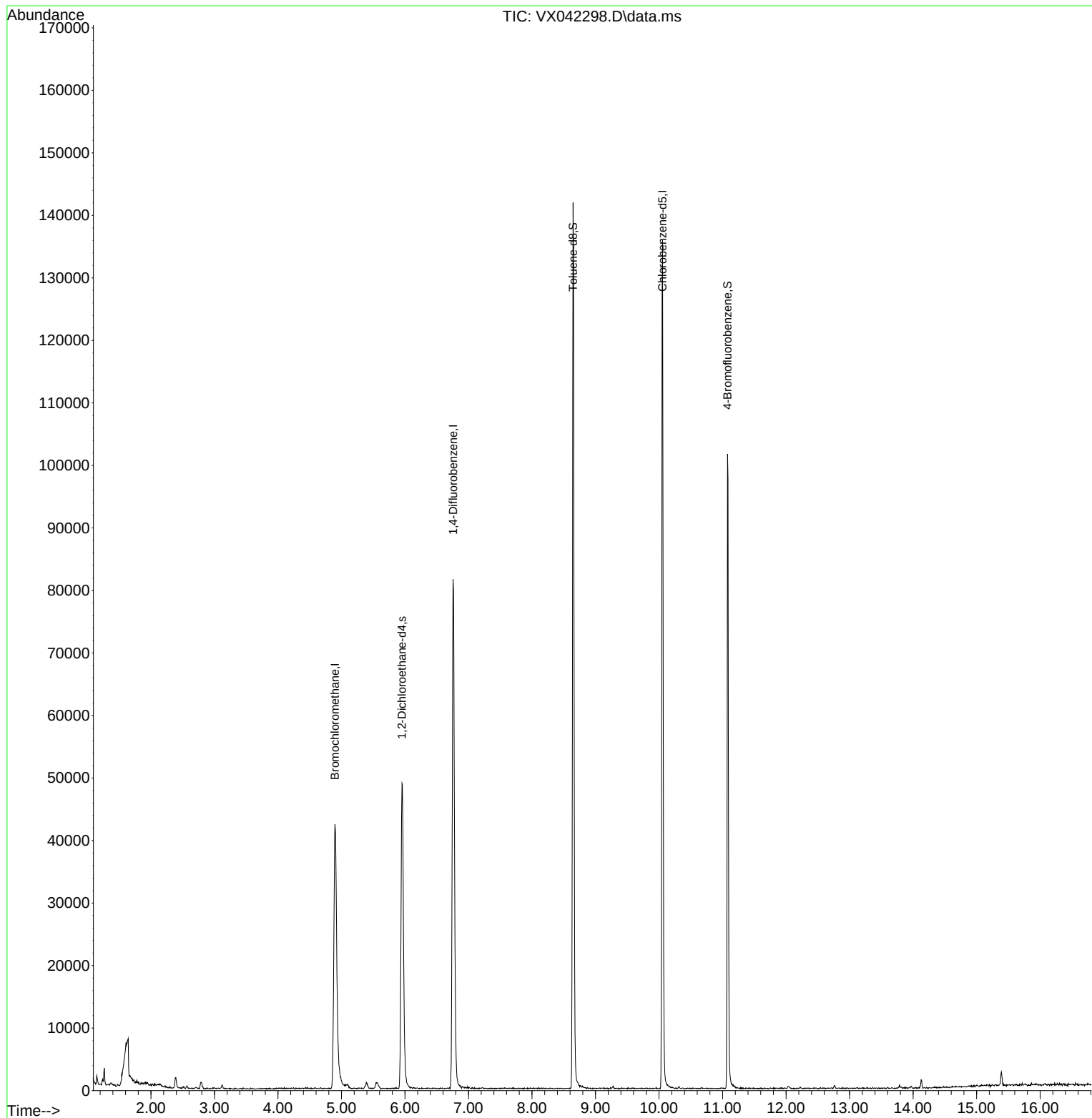
Target Compounds	Qvalue

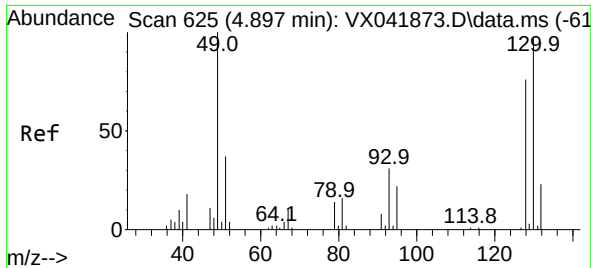
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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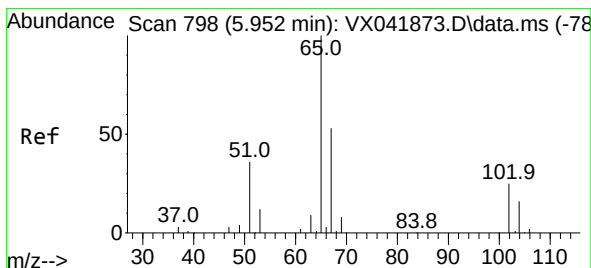
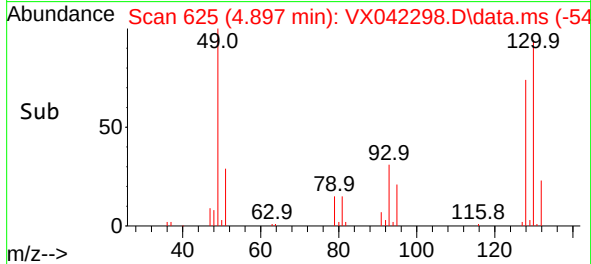
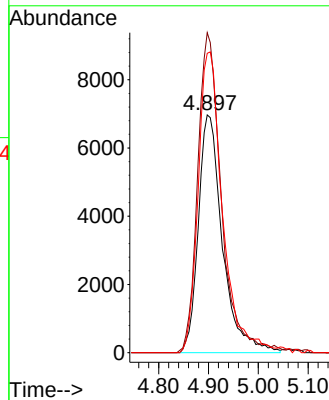
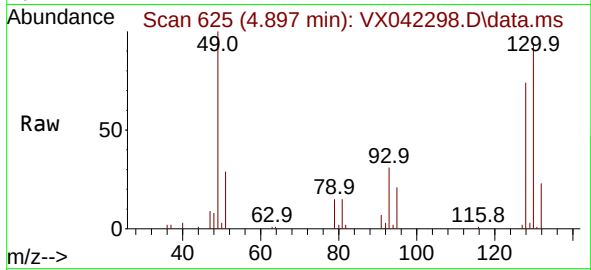




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042298.D
Acq: 12 Jul 2024 13:30

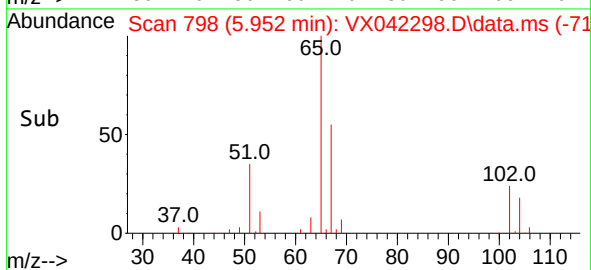
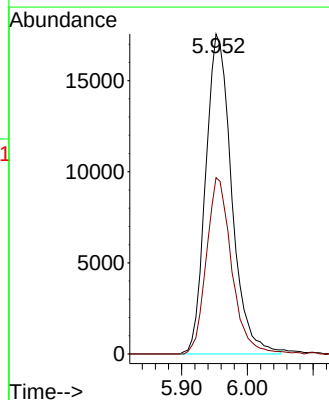
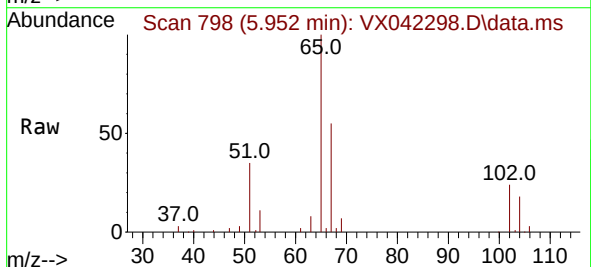
Instrument :
MSVOA_X
ClientSampleId :
240710064-05-TRIP-BLANK

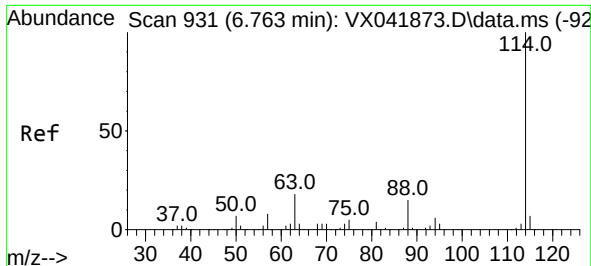
Tgt Ion:128 Resp: 23448
Ion Ratio Lower Upper
128 100
49 130.1 0.0 338.5
130 121.6 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.836 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042298.D
Acq: 12 Jul 2024 13:30

Tgt Ion: 65 Resp: 48160
Ion Ratio Lower Upper
65 100
67 53.7 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX042298.D

Acq: 12 Jul 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :

240710064-05-TRIP-BLANK

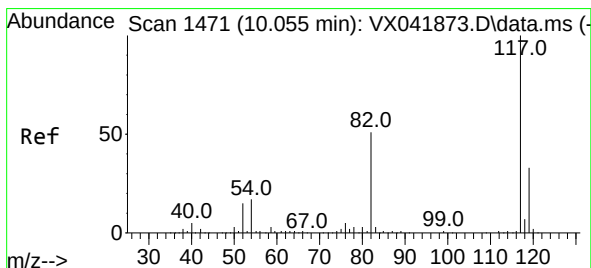
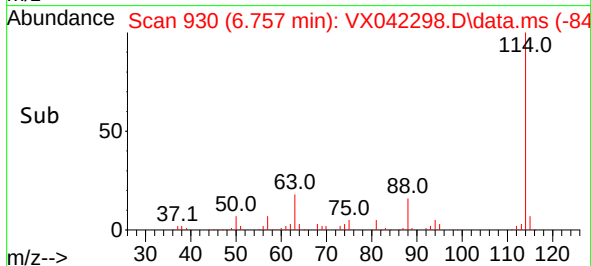
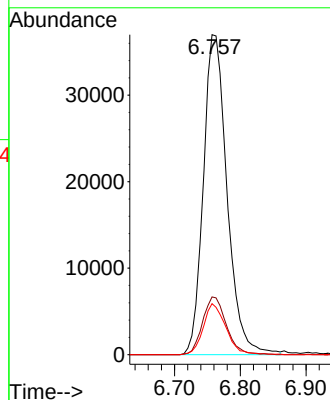
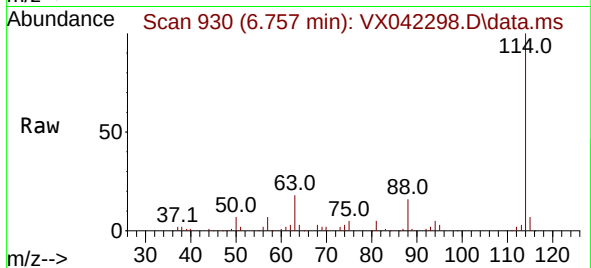
Tgt Ion:114 Resp: 92976

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

88 15.2 11.8 17.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042298.D

Acq: 12 Jul 2024 13:30

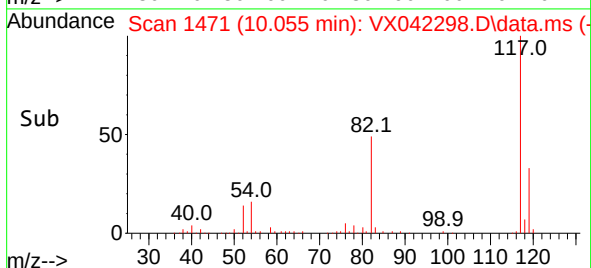
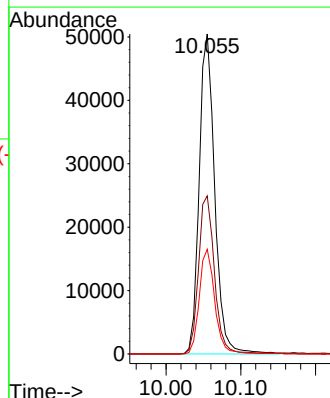
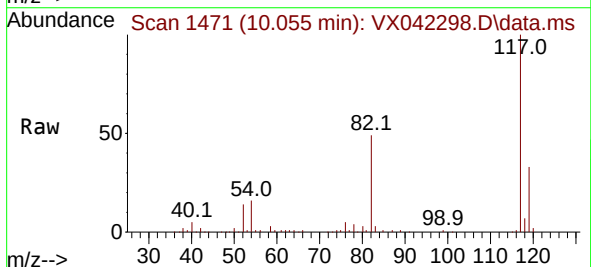
Tgt Ion:117 Resp: 72864

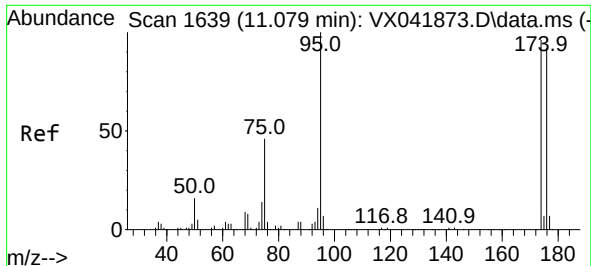
Ion Ratio Lower Upper

117 100

82 50.7 41.1 61.7

119 32.5 26.1 39.1

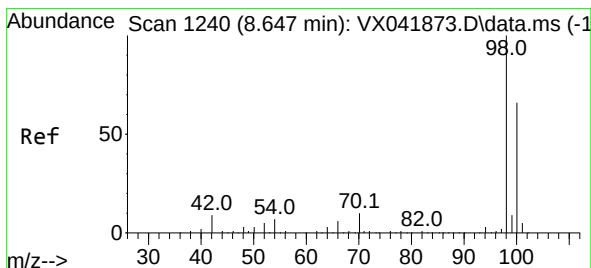
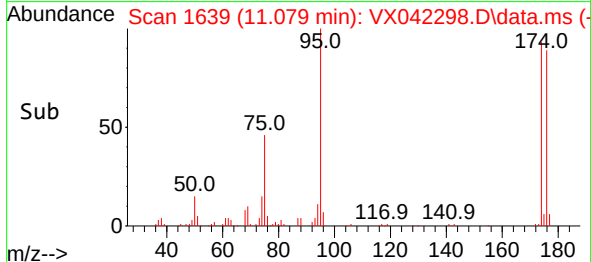
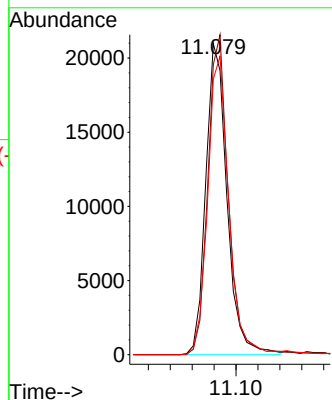
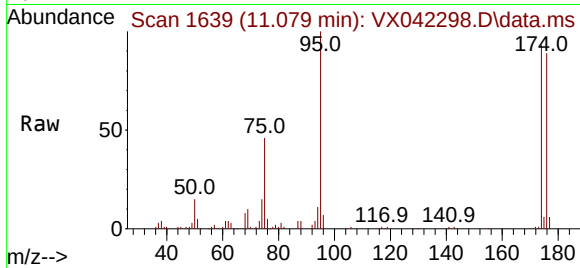




#60
4-Bromofluorobenzene
Concen: 24.928 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042298.D
Acq: 12 Jul 2024 13:30

Instrument :
MSVOA_X
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Tgt Ion: 95 Resp: 28116
Ion Ratio Lower Upper
95 100
174 100.3 78.9 118.3
176 94.9 77.1 115.7



#63
Toluene-d8
Concen: 29.341 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042298.D
Acq: 12 Jul 2024 13:30

Tgt Ion: 98 Resp: 91466
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

