

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036166.D
 Acq On : 15 Jun 2023 13:47
 Operator : JC/MD
 Sample : VX0615WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBL01

Quant Time: Jun 16 07:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	42375	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	215006	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	197202	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	110254	31.314	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.367%
60) 4-Bromofluorobenzene	11.079	95	99210	29.982	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.933%
63) Toluene-d8	8.647	98	249332	28.600	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.333%

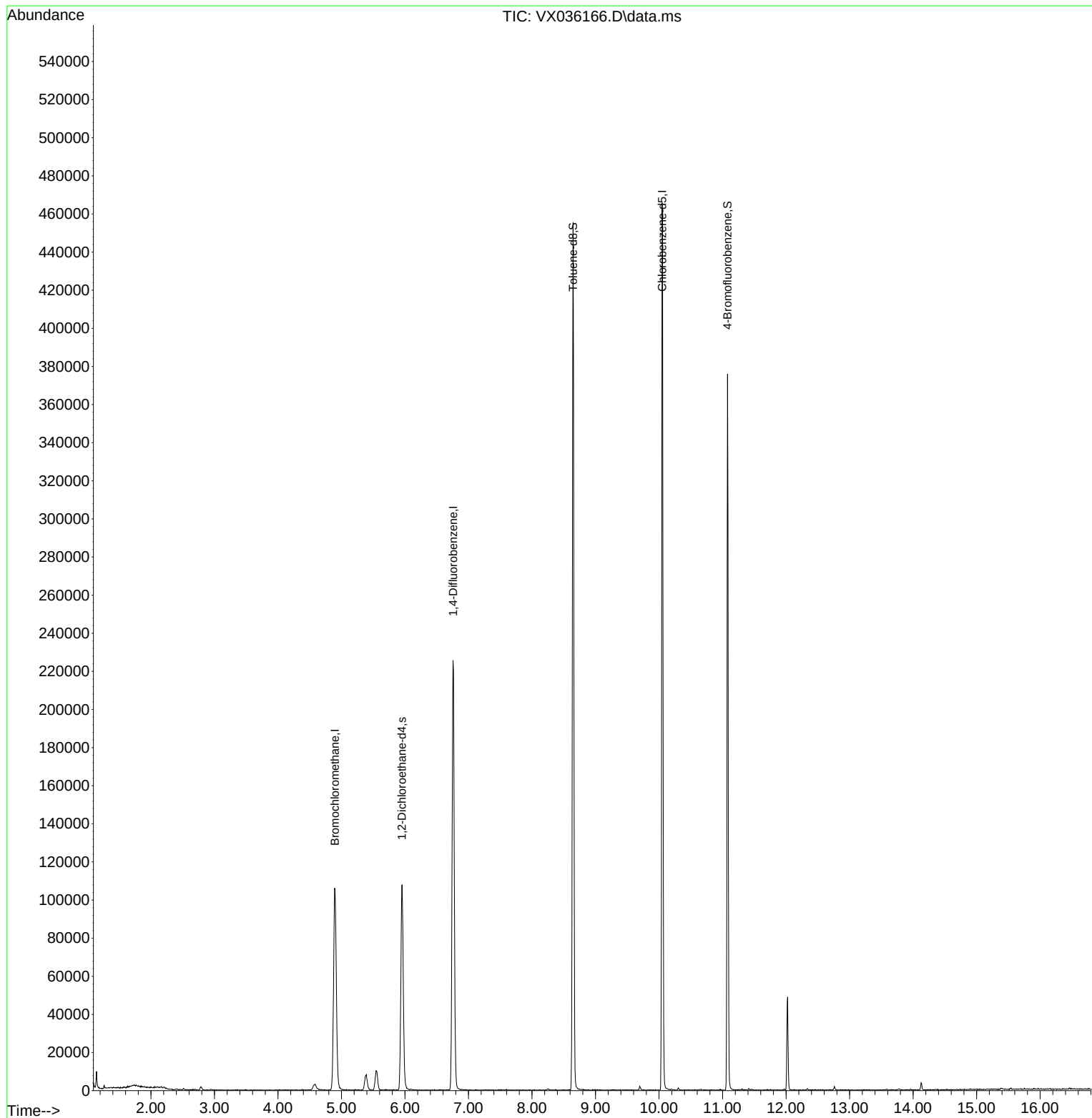
Target Compounds	Qvalue

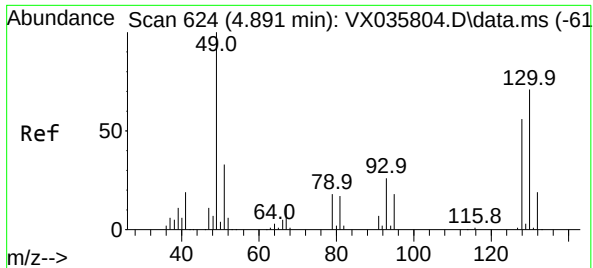
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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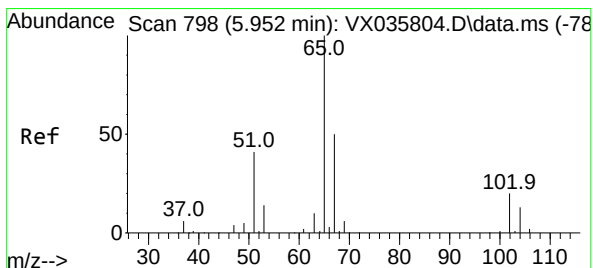
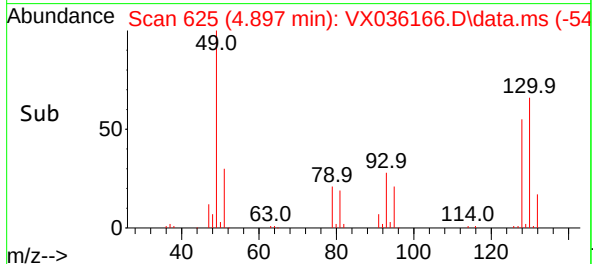
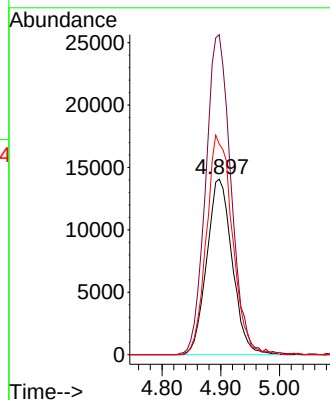
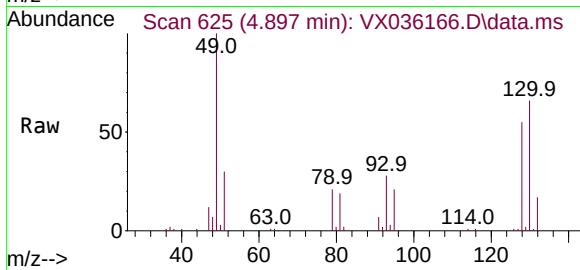




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036166.D
Acq: 15 Jun 2023 13:47

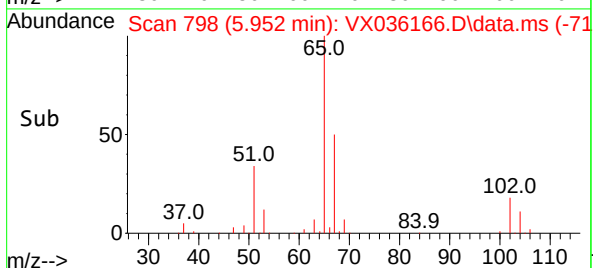
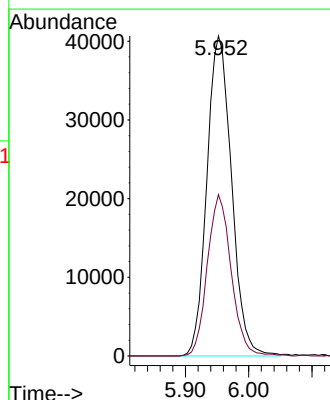
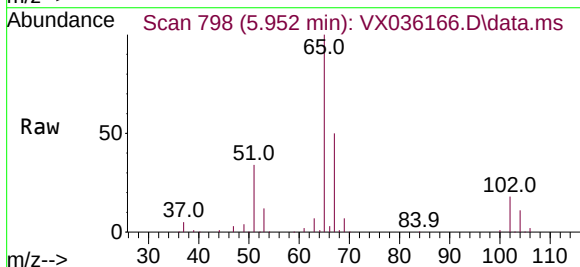
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

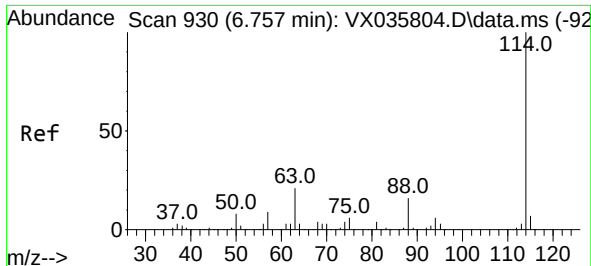
Tgt Ion:128 Resp: 42375
Ion Ratio Lower Upper
128 100
49 180.4 0.0 428.8
130 126.7 0.0 310.8



#27
1,2-Dichloroethane-d4
Concen: 31.314 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036166.D
Acq: 15 Jun 2023 13:47

Tgt Ion: 65 Resp: 110254
Ion Ratio Lower Upper
65 100
67 48.4 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX036166.D

Acq: 15 Jun 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBL01

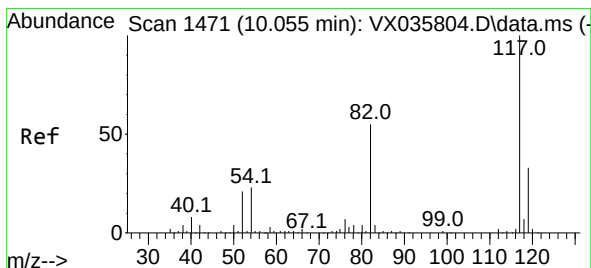
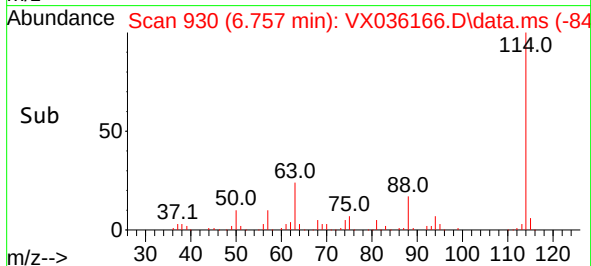
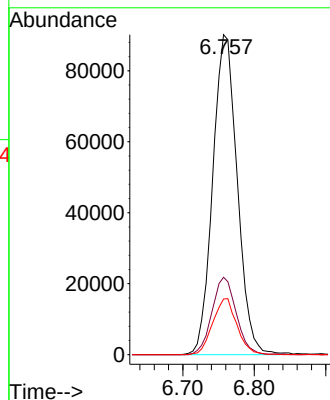
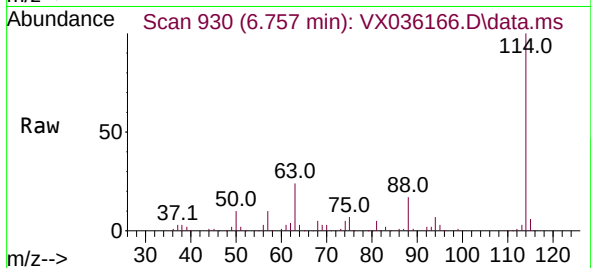
Tgt Ion:114 Resp: 215006

Ion Ratio Lower Upper

114 100

63 23.9 18.0 27.0

88 17.3 13.3 19.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX036166.D

Acq: 15 Jun 2023 13:47

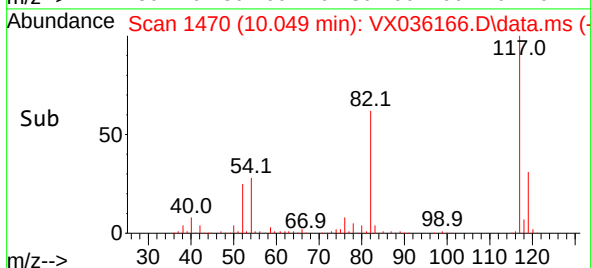
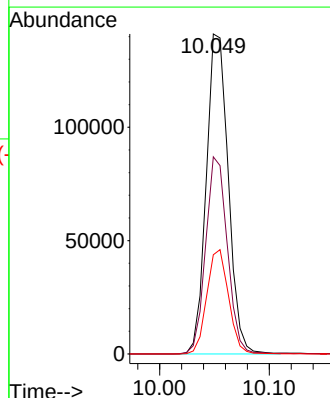
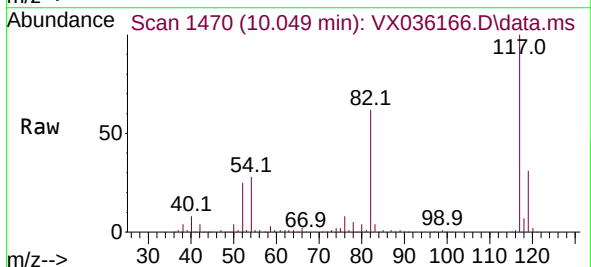
Tgt Ion:117 Resp: 197202

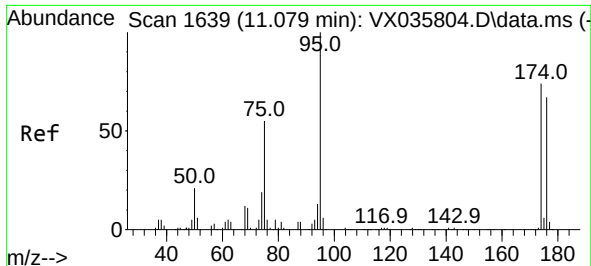
Ion Ratio Lower Upper

117 100

82 60.8 45.8 68.8

119 32.2 25.4 38.0

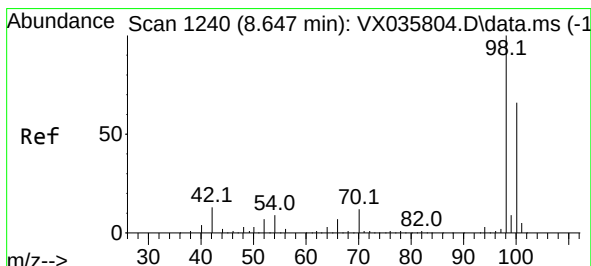
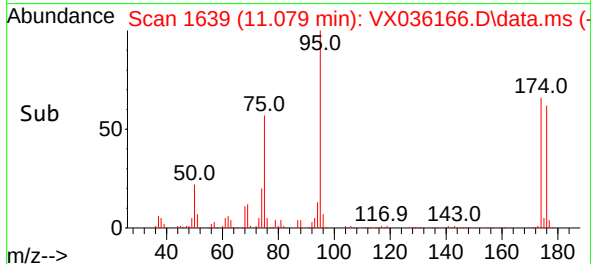
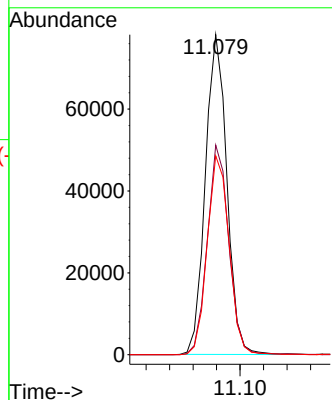
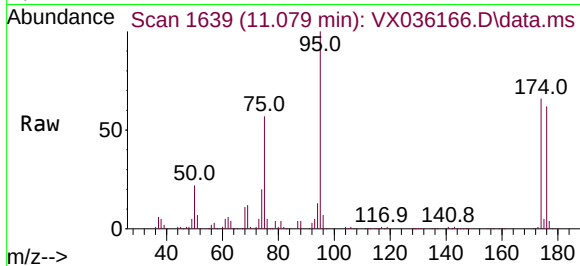




#60
4-Bromofluorobenzene
Concen: 29.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036166.D
Acq: 15 Jun 2023 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

Tgt Ion: 95 Resp: 99210
Ion Ratio Lower Upper
95 100
174 65.4 0.2 0.4#
176 63.4 0.2 0.2#



#63
Toluene-d8
Concen: 28.600 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036166.D
Acq: 15 Jun 2023 13:47

Tgt Ion: 98 Resp: 249332
Ion Ratio Lower Upper
98 100
100 67.4 52.1 78.1

