

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033370.D
 Acq On : 12 Dec 2022 13:24
 Operator : JC/MD
 Sample : VX1212WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBL01

Quant Time: Dec 13 07:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	12813	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	87498	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	92776	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	35197	31.278	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	11.079	95	48163	28.029	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.433%
63) Toluene-d8	8.647	98	92634	30.016	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%

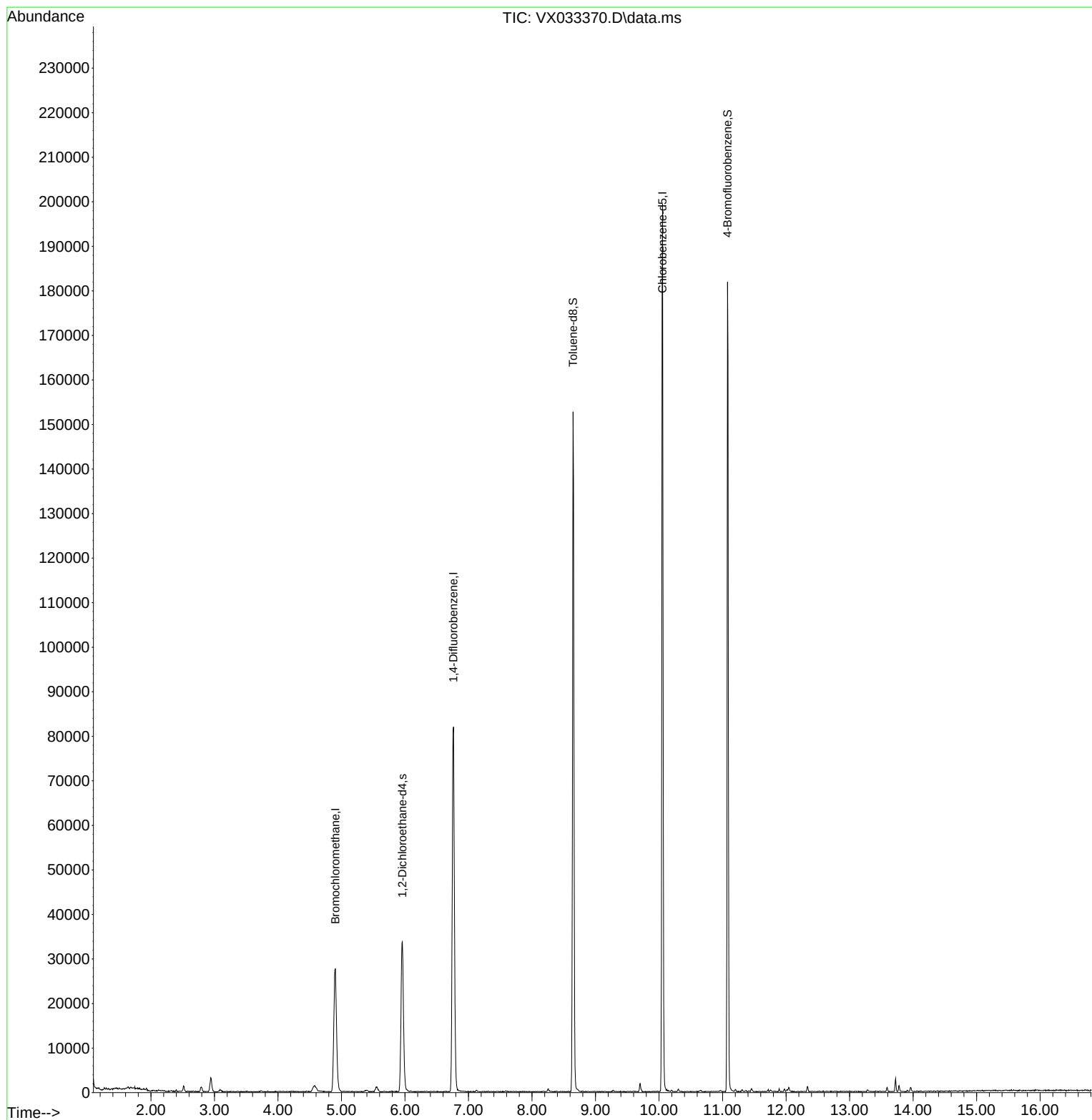
Target Compounds	Qvalue

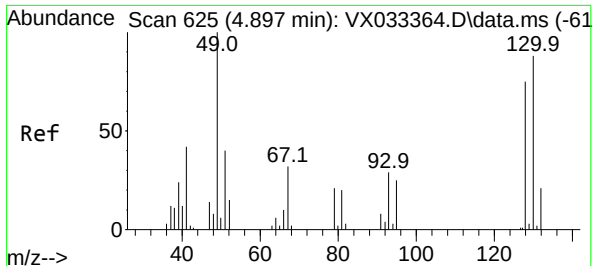
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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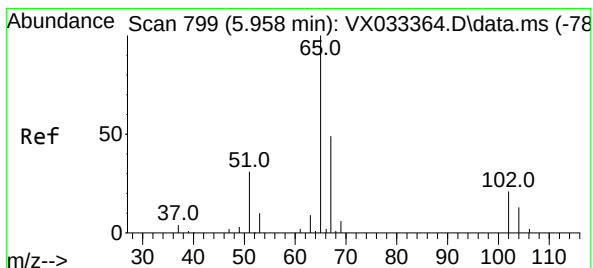
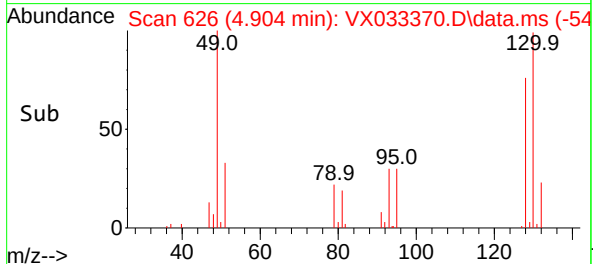
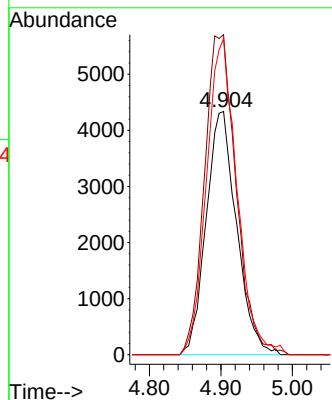
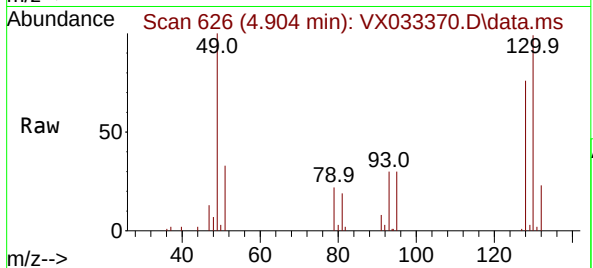




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX033370.D
Acq: 12 Dec 2022 13:24

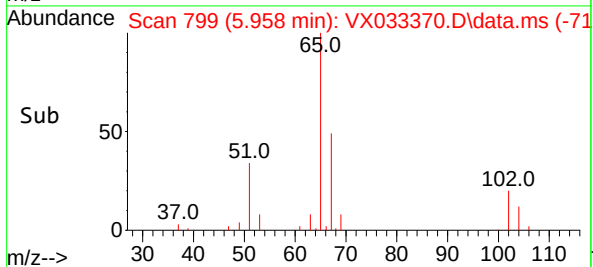
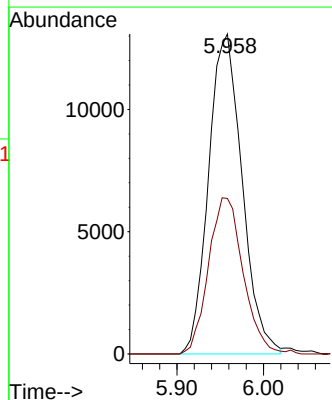
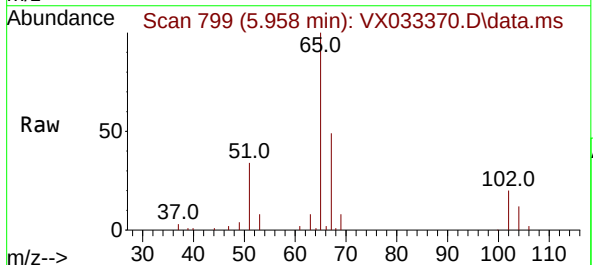
Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

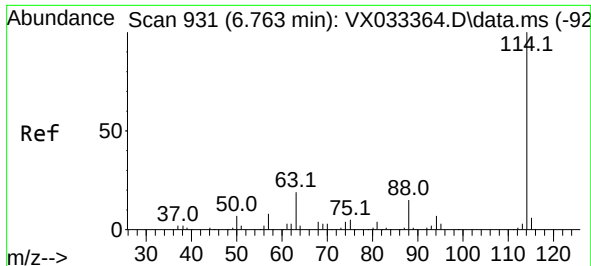
Tgt Ion:128 Resp: 12813
Ion Ratio Lower Upper
128 100
49 135.7 0.0 339.5
130 129.3 0.0 318.0



#27
1,2-Dichloroethane-d4
Concen: 31.278 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033370.D
Acq: 12 Dec 2022 13:24

Tgt Ion: 65 Resp: 35197
Ion Ratio Lower Upper
65 100
67 50.4 39.8 59.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033370.D

Acq: 12 Dec 2022 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBL01

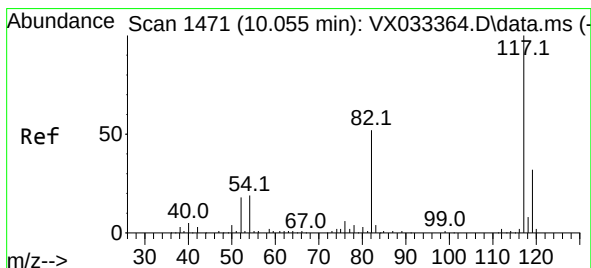
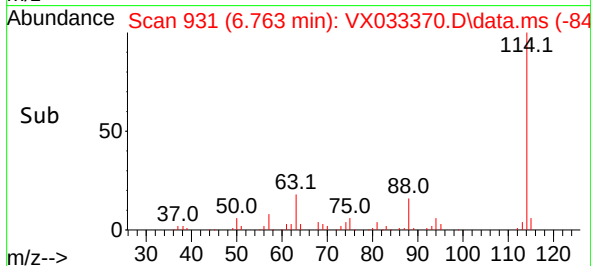
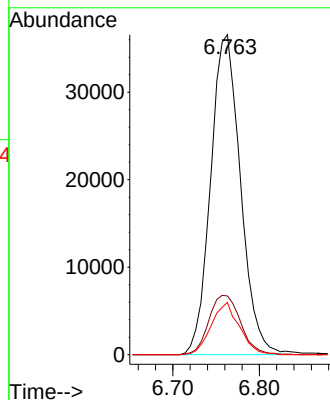
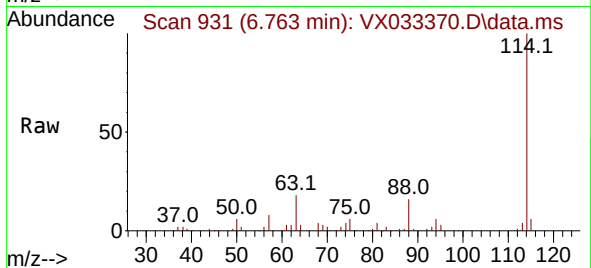
Tgt Ion:114 Resp: 87498

Ion Ratio Lower Upper

114 100

63 19.7 15.2 22.8

88 15.4 12.2 18.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033370.D

Acq: 12 Dec 2022 13:24

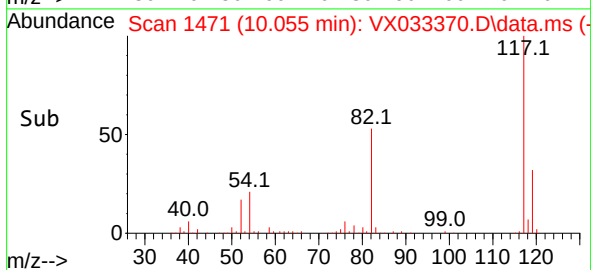
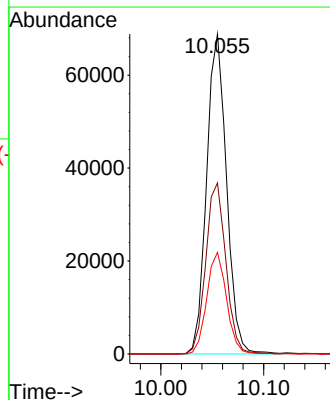
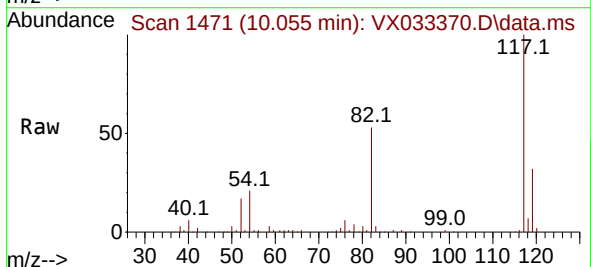
Tgt Ion:117 Resp: 92776

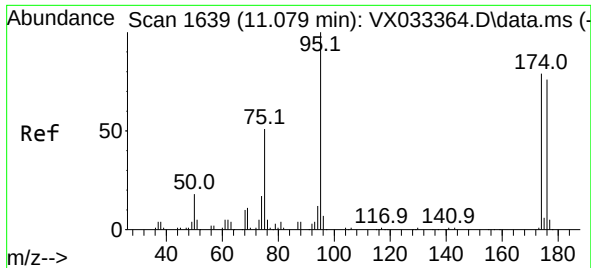
Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

119 31.5 25.6 38.4

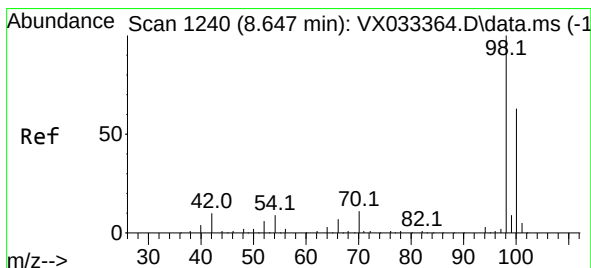
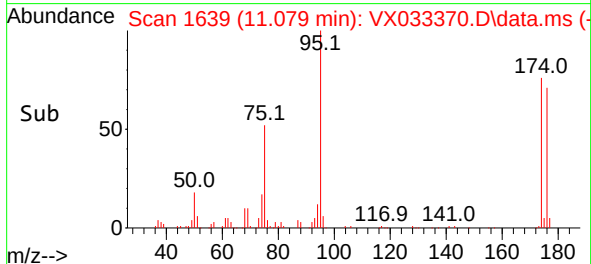
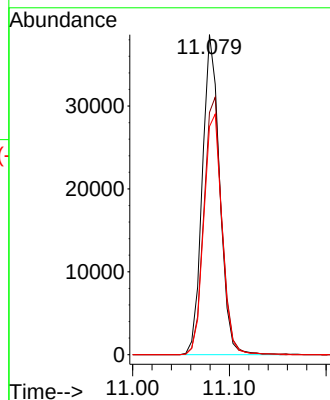
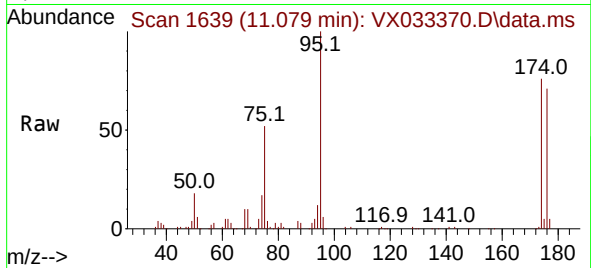




#60
4-Bromofluorobenzene
Concen: 28.029 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033370.D
Acq: 12 Dec 2022 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL01

Tgt Ion: 95 Resp: 48163
Ion Ratio Lower Upper
95 100
174 83.5 65.9 98.9
176 79.4 63.3 94.9



#63
Toluene-d8
Concen: 30.016 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033370.D
Acq: 12 Dec 2022 13:24

Tgt Ion: 98 Resp: 92634
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2

