

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033373.D
 Acq On : 12 Dec 2022 14:41
 Operator : JC/MD
 Sample : N6005-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Dec 13 07:31:20 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	4.897	128	11971	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86321	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88844	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34140	32.472	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.233%	
60) 4-Bromofluorobenzene	11.079	95	45914	27.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.000%	
63) Toluene-d8	8.647	98	89155	30.167	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.567%	

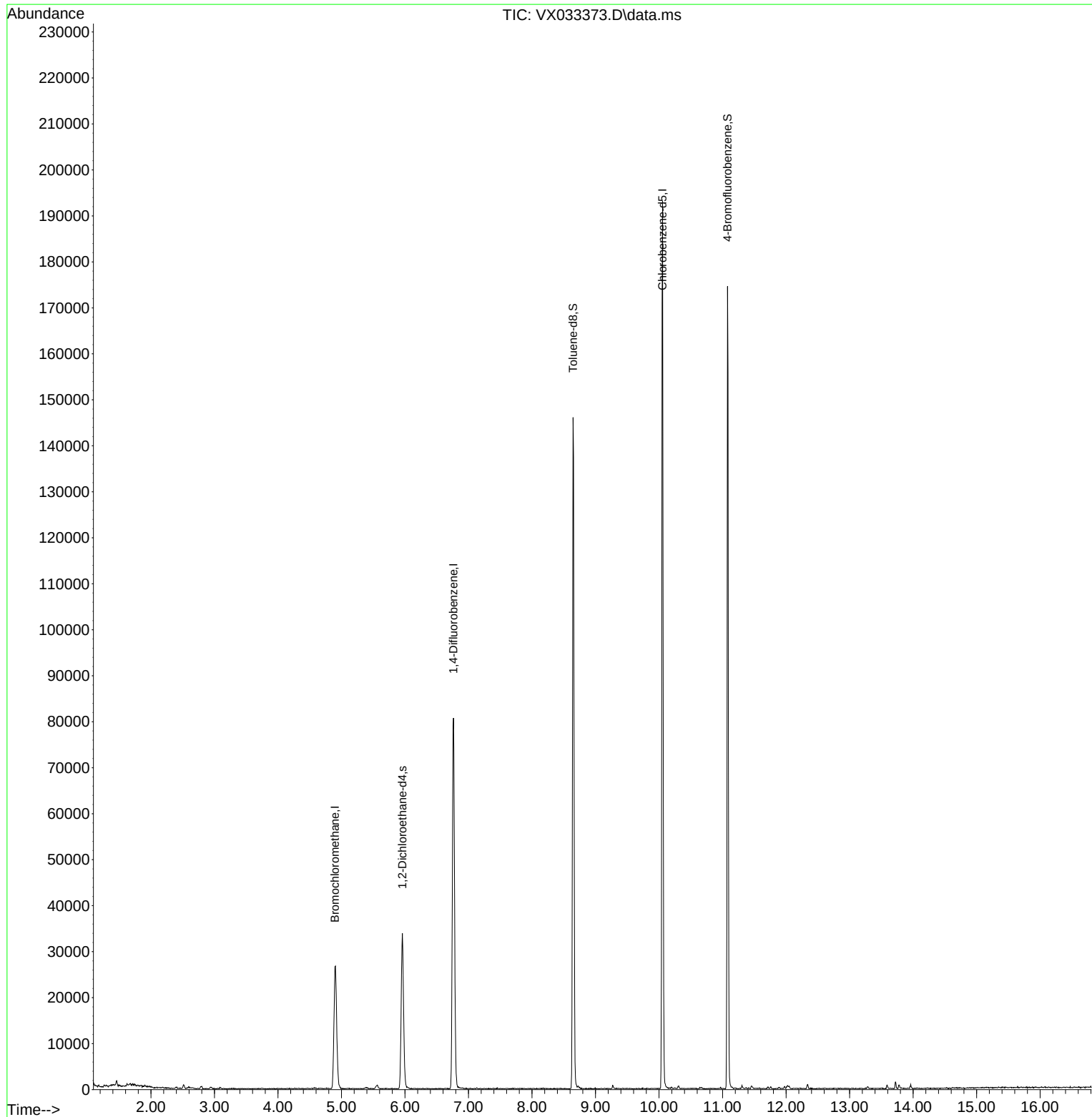
Target Compounds	Qvalue

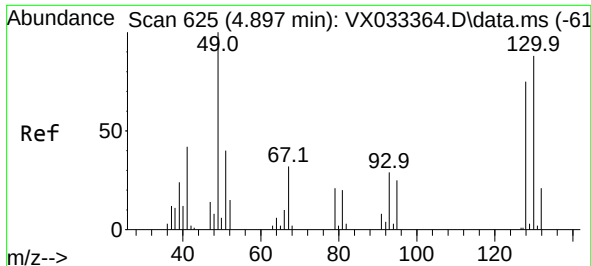
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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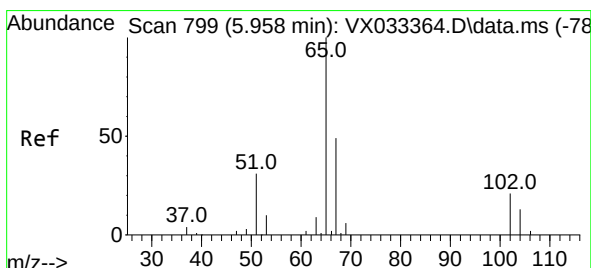
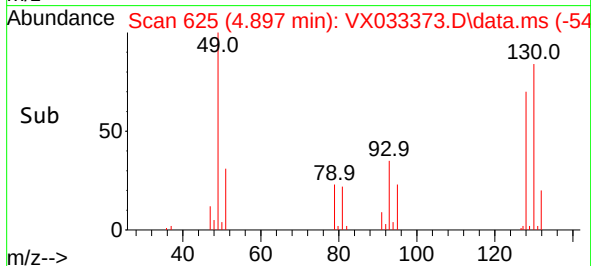
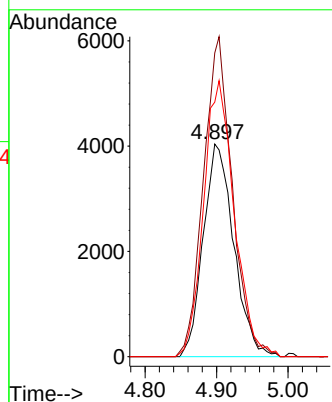
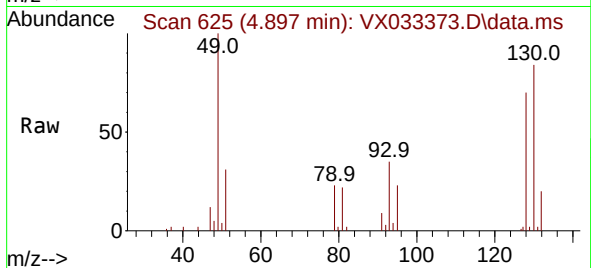




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

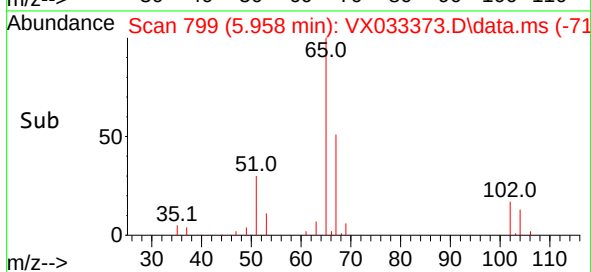
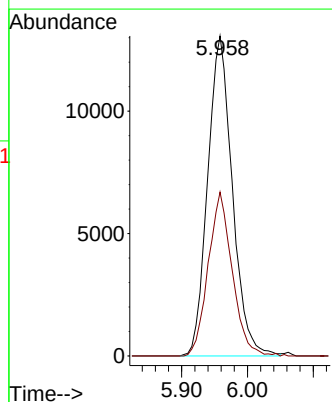
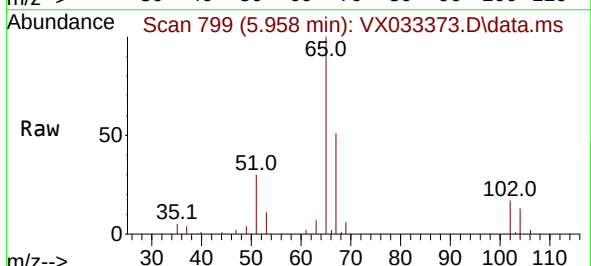
Instrument :
MSVOA_X
ClientSampleId :
TB

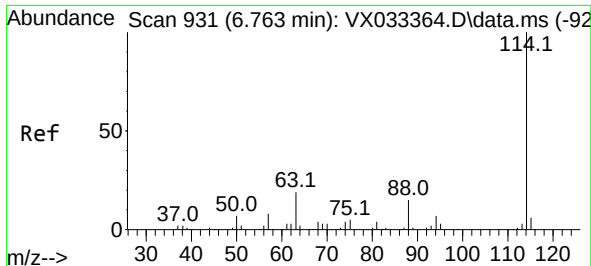
Tgt Ion:128 Resp: 11971
Ion Ratio Lower Upper
128 100
49 142.6 0.0 339.5
130 130.7 0.0 318.0



#27
1,2-Dichloroethane-d4
Concen: 32.472 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 65 Resp: 34140
Ion Ratio Lower Upper
65 100
67 49.7 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: VX033373.D

Acq: 12 Dec 2022 14:41

Instrument :

MSVOA_X

ClientSampleId :

TB

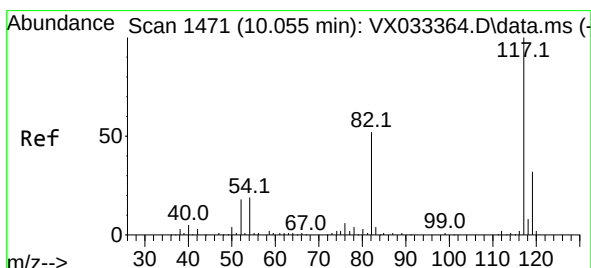
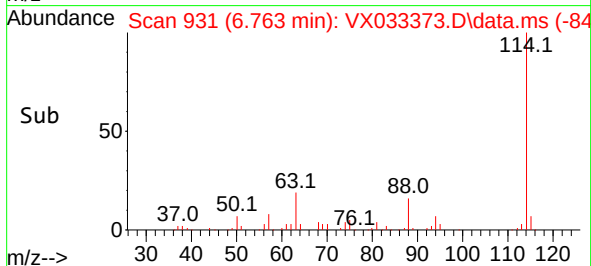
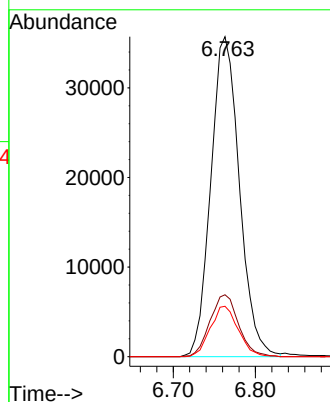
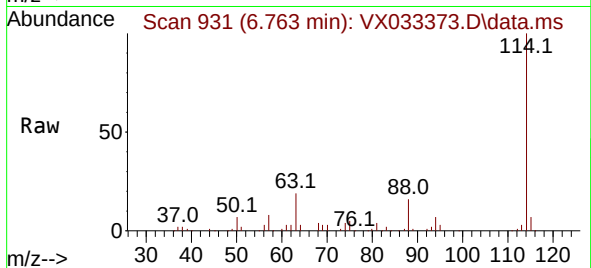
Tgt Ion:114 Resp: 86321

Ion Ratio Lower Upper

114 100

63 19.4 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: VX033373.D

Acq: 12 Dec 2022 14:41

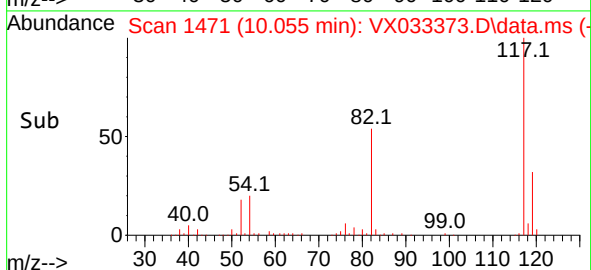
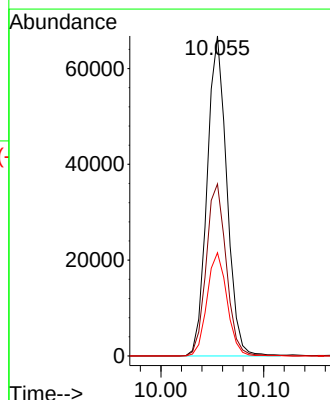
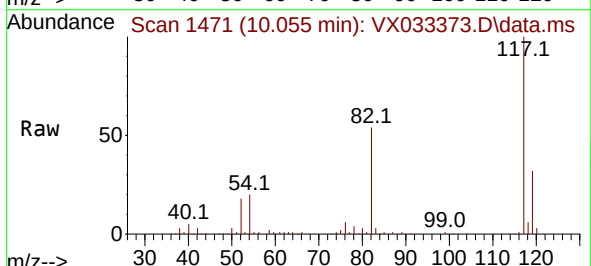
Tgt Ion:117 Resp: 88844

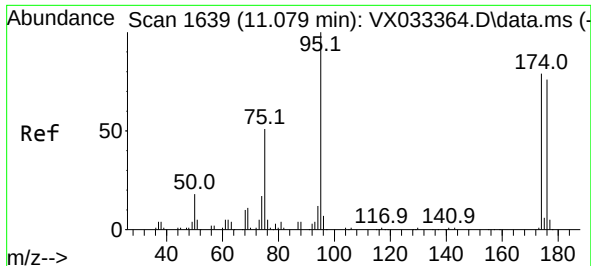
Ion Ratio Lower Upper

117 100

82 55.0 43.7 65.5

119 32.8 25.6 38.4

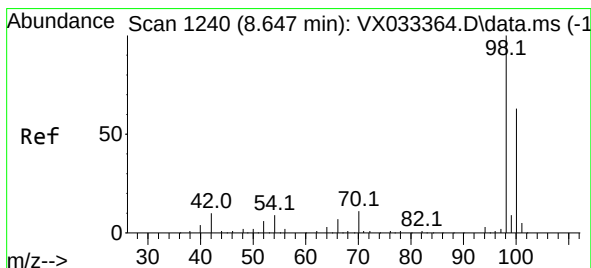
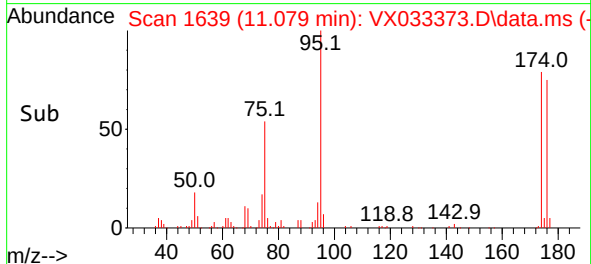
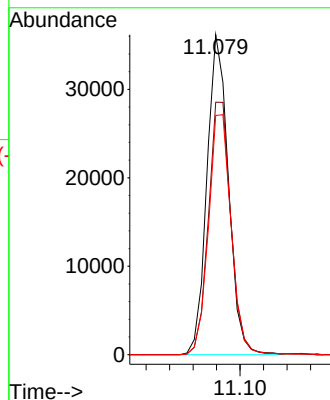
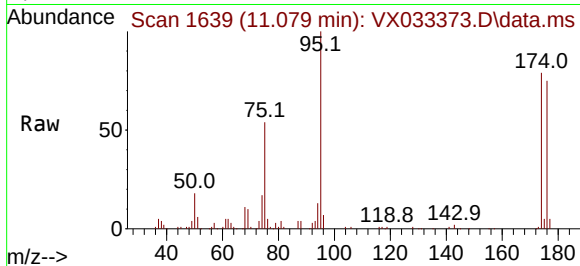




#60
4-Bromofluorobenzene
Concen: 27.903 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 95 Resp: 45914
Ion Ratio Lower Upper
95 100
174 82.7 65.9 98.9
176 79.5 63.3 94.9



#63
Toluene-d8
Concen: 30.167 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033373.D
Acq: 12 Dec 2022 14:41

Tgt Ion: 98 Resp: 89155
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

