

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025071.D
 Acq On : 04 Nov 2021 13:49
 Operator : JC/MD
 Sample : VX1104WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBL02

Quant Time: Nov 07 00:01:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	24330	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	131548	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	116892	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64386	27.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.433%
60) 4-Bromofluorobenzene	11.085	95	60285	28.266	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.233%
63) Toluene-d8	8.653	98	165185	30.597	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%

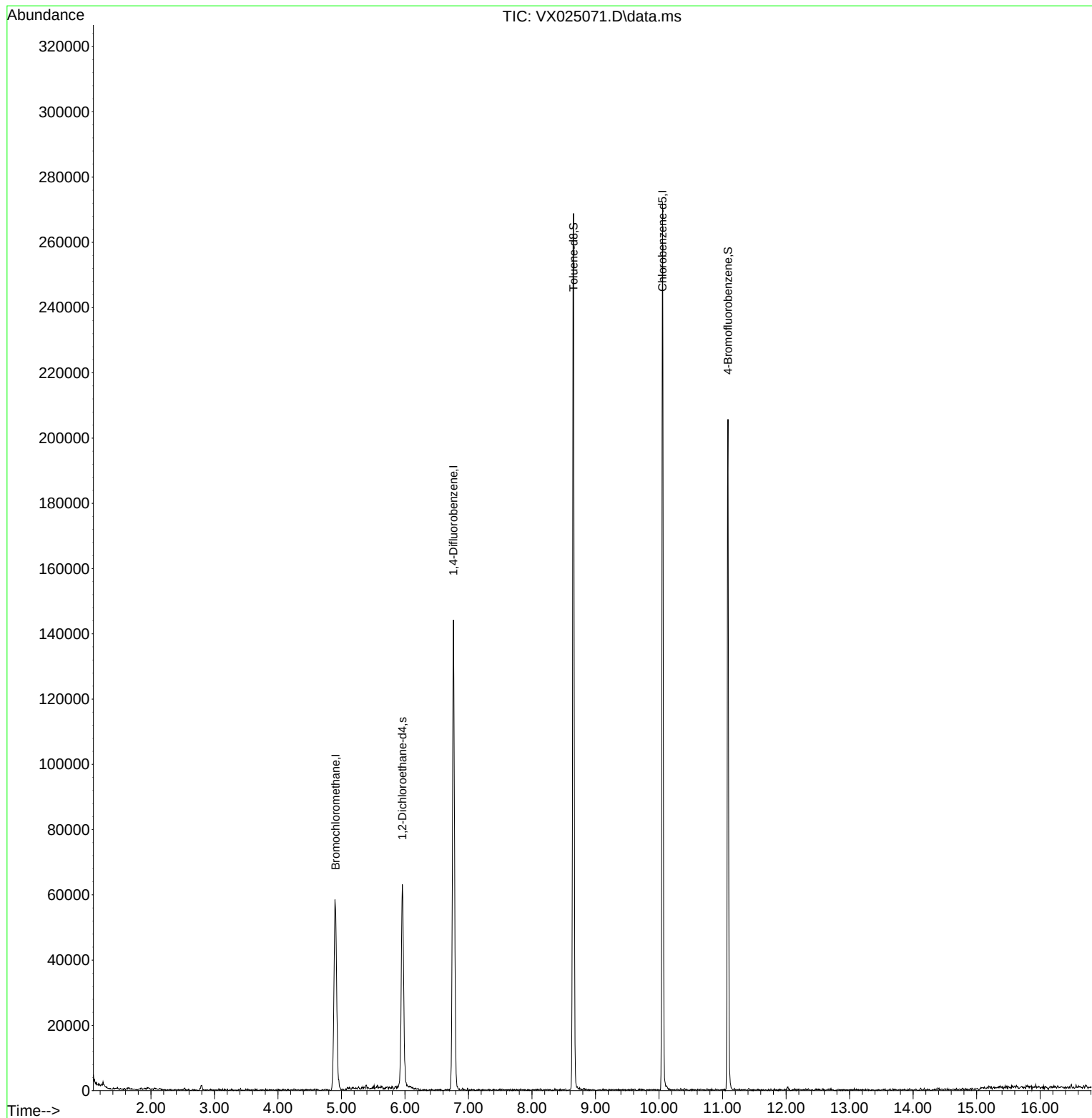
Target Compounds	Qvalue

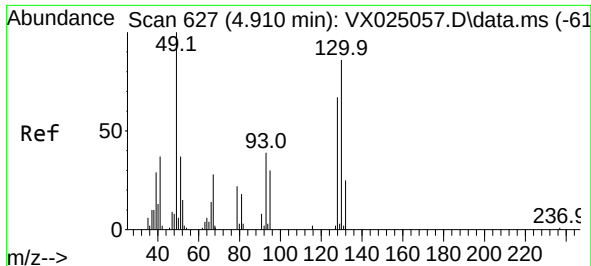
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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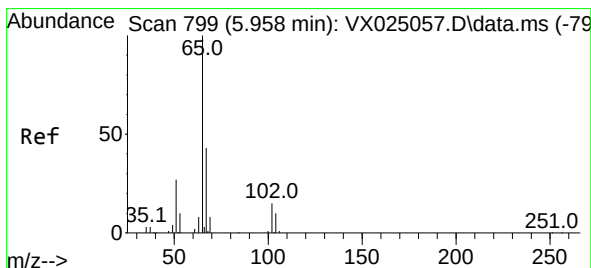
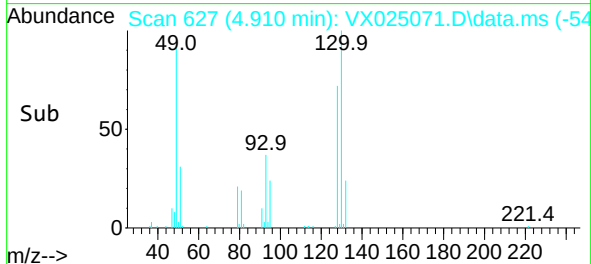
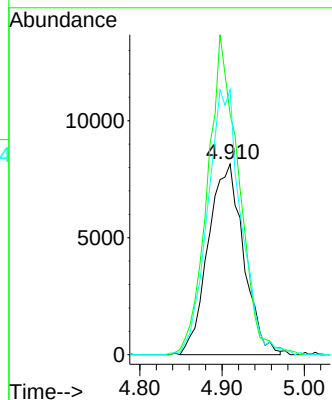
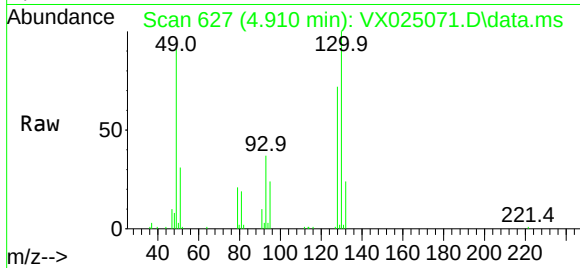




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.910 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VX025071.D
 Acq: 04 Nov 2021 13:49

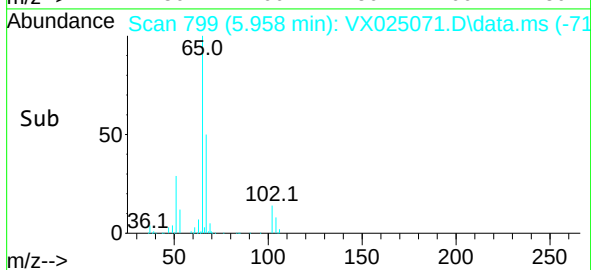
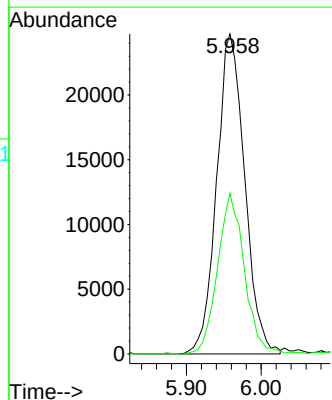
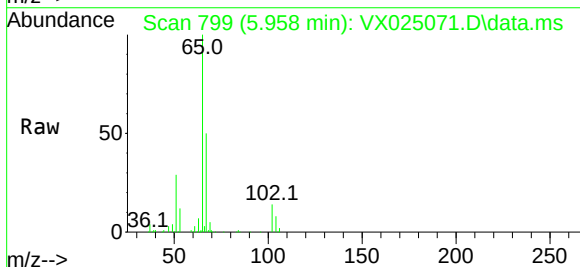
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBL02

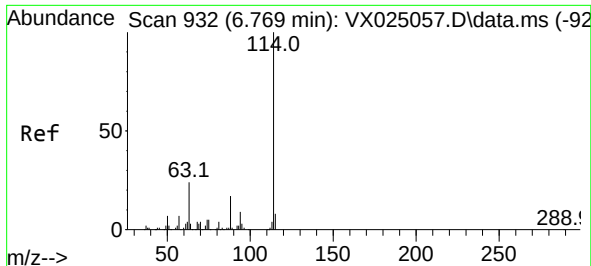
Tgt Ion:128 Resp: 24330
 Ion Ratio Lower Upper
 128 100
 49 146.3 0.0 402.5
 130 132.8 0.0 326.5



#27
 1,2-Dichloroethane-d4
 Concen: 27.728 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025071.D
 Acq: 04 Nov 2021 13:49

Tgt Ion: 65 Resp: 64386
 Ion Ratio Lower Upper
 65 100
 67 47.9 42.4 63.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025071.D

Acq: 04 Nov 2021 13:49

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBL02

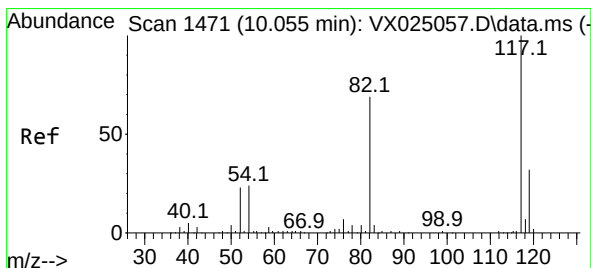
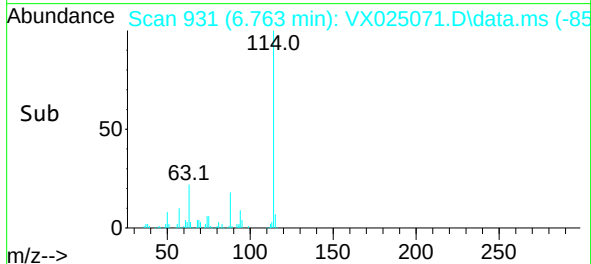
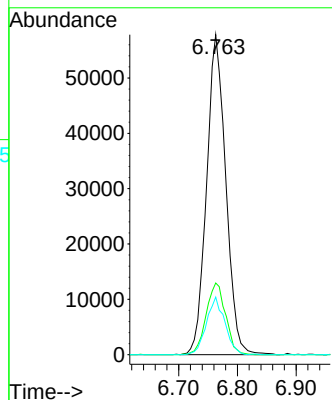
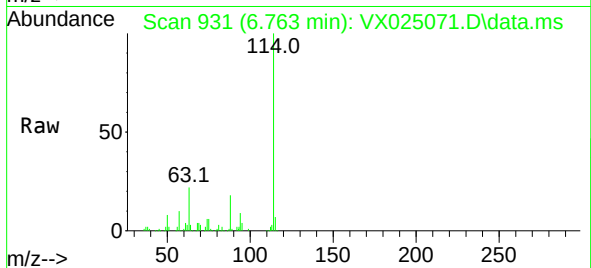
Tgt Ion:114 Resp: 131548

Ion Ratio Lower Upper

114 100

63 22.7 16.4 24.6

88 17.3 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX025071.D

Acq: 04 Nov 2021 13:49

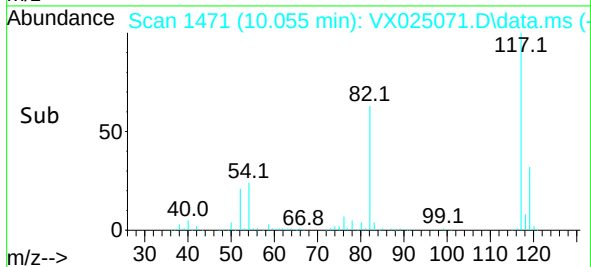
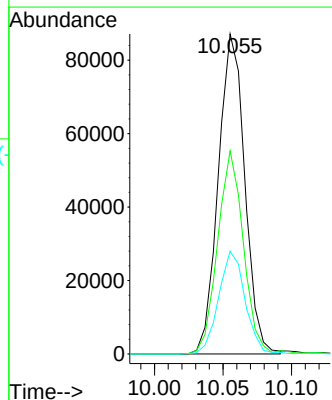
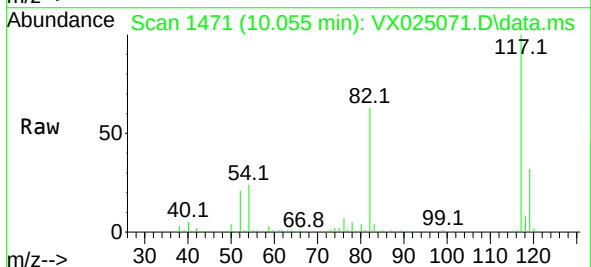
Tgt Ion:117 Resp: 116892

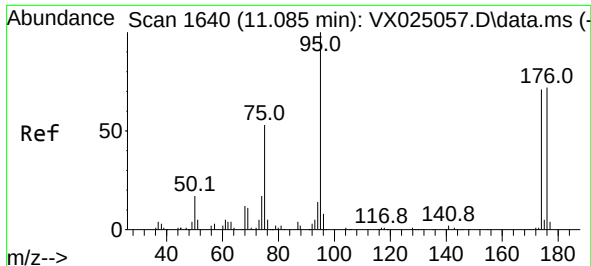
Ion Ratio Lower Upper

117 100

82 61.4 45.0 67.4

119 32.0 26.2 39.2

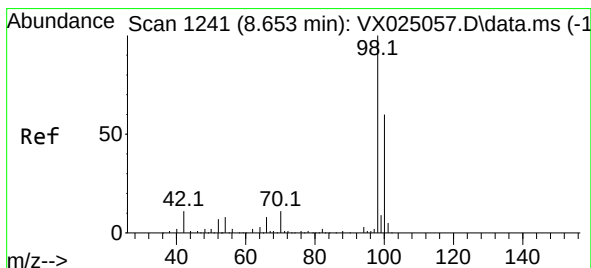
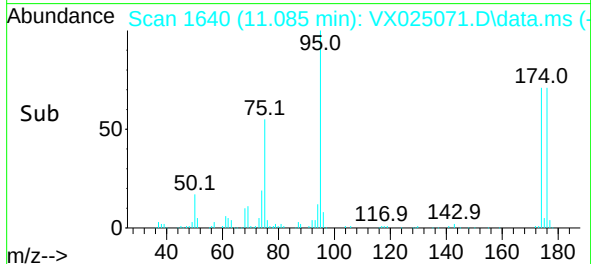
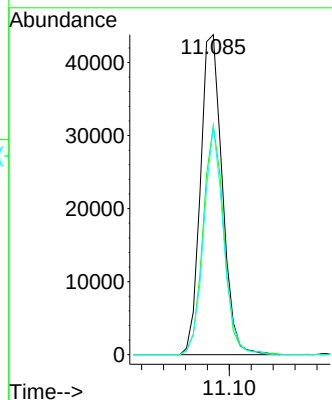
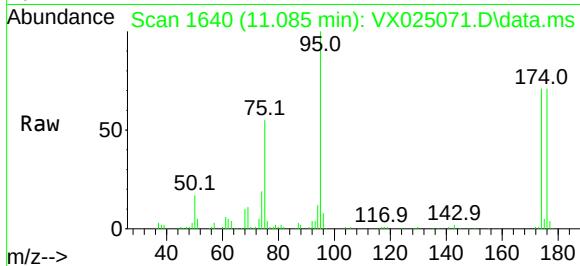




#60
4-Bromofluorobenzene
Concen: 28.266 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025071.D
Acq: 04 Nov 2021 13:49

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBL02

Tgt Ion: 95 Resp: 60285
Ion Ratio Lower Upper
95 100
174 68.0 63.5 95.3
176 65.3 63.0 94.4



#63
Toluene-d8
Concen: 30.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025071.D
Acq: 04 Nov 2021 13:49

Tgt Ion: 98 Resp: 165185
Ion Ratio Lower Upper
98 100
100 60.9 51.4 77.0

