

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025063.D
 Acq On : 03 Nov 2021 21:41
 Operator : JC/MD
 Sample : VX1104WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBL01

Quant Time: Nov 04 00:23:23 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	19614	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	104235	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91603	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	55983	29.906	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.700%
60) 4-Bromofluorobenzene	11.085	95	44003	26.328	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.767%
63) Toluene-d8	8.653	98	128289	30.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%

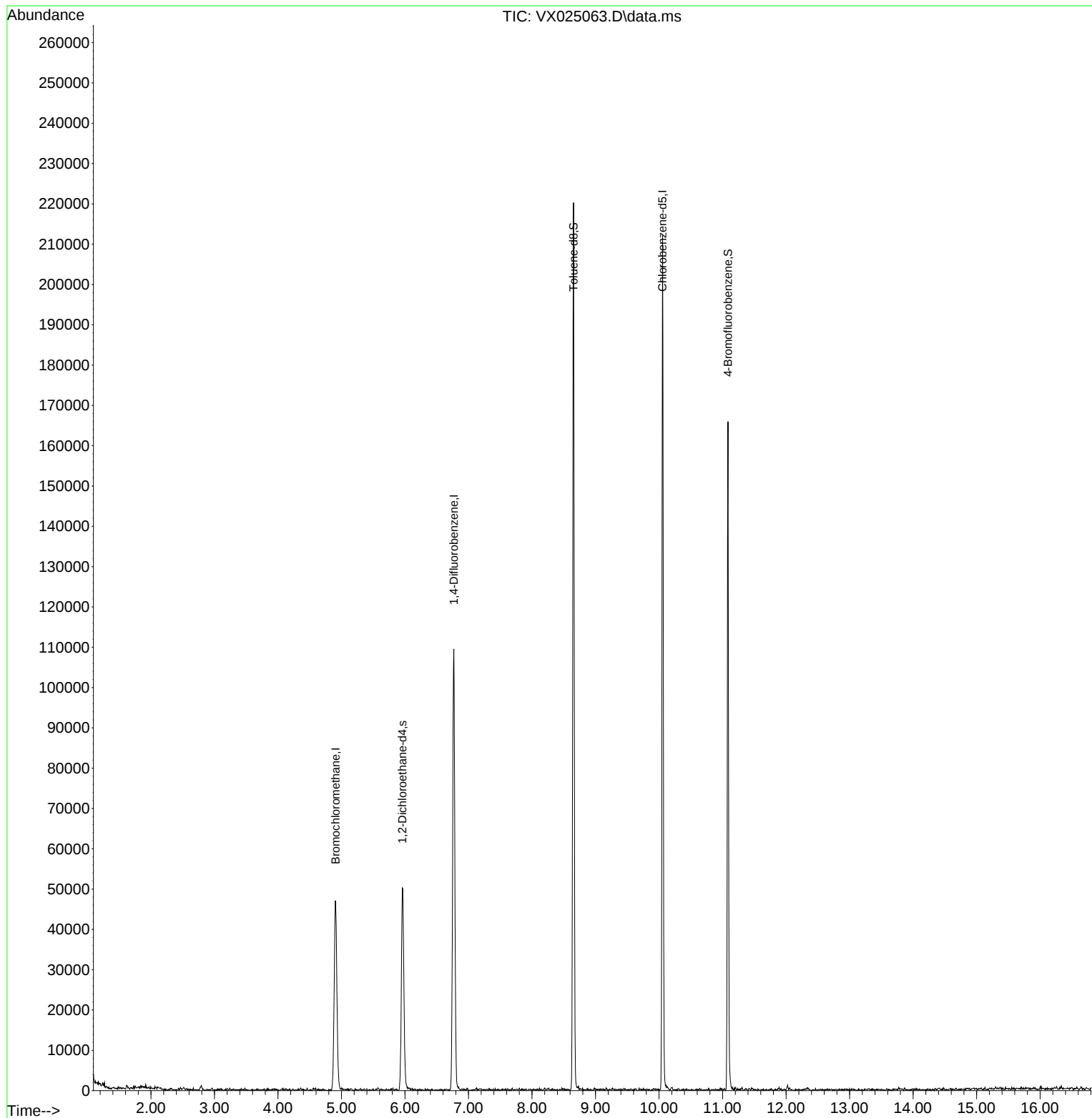
Target Compounds	Qvalue

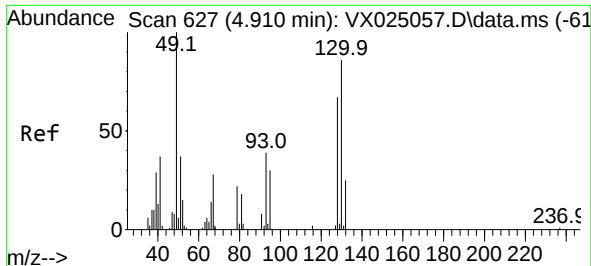
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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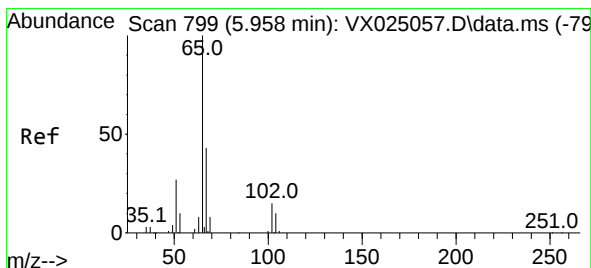
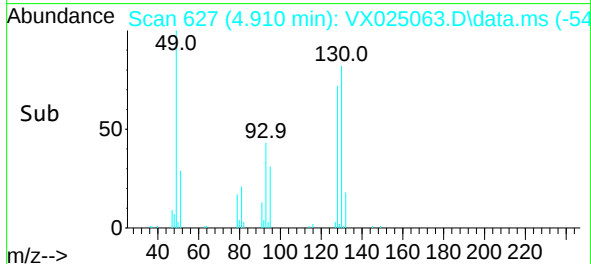
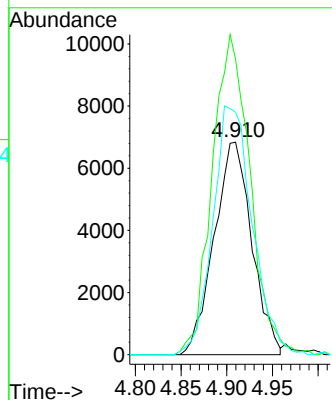
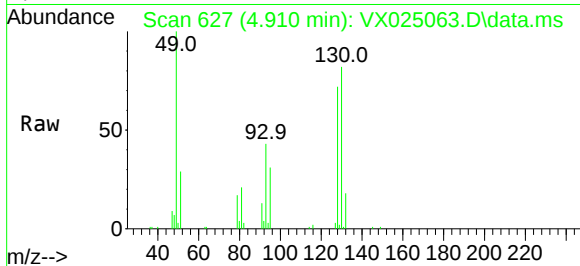




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025063.D
Acq: 03 Nov 2021 21:41

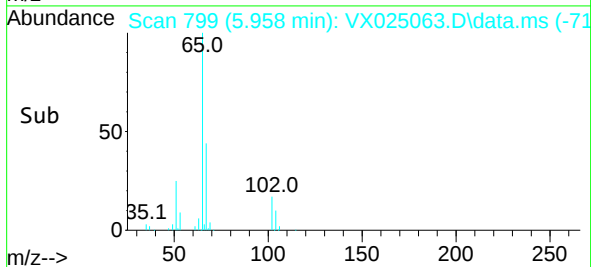
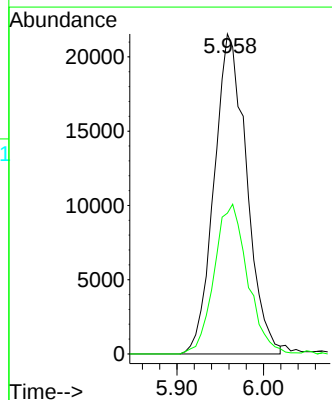
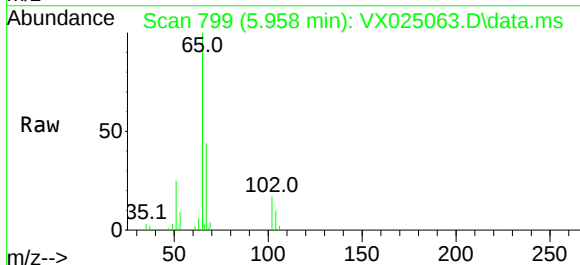
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBL01

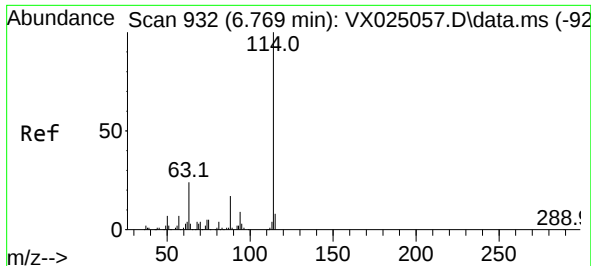
Tgt Ion:128 Resp: 19614
Ion Ratio Lower Upper
128 100
49 151.1 0.0 402.5
130 122.2 0.0 326.5



#27
1,2-Dichloroethane-d4
Concen: 29.906 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025063.D
Acq: 03 Nov 2021 21:41

Tgt Ion: 65 Resp: 55983
Ion Ratio Lower Upper
65 100
67 48.4 42.4 63.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX025063.D

Acq: 03 Nov 2021 21:41

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBL01

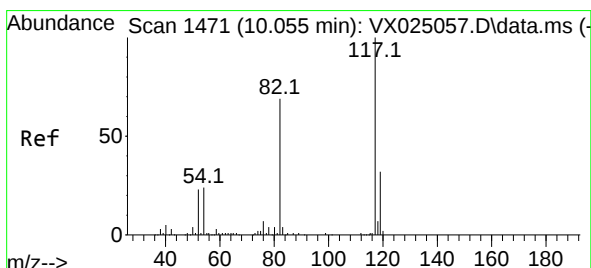
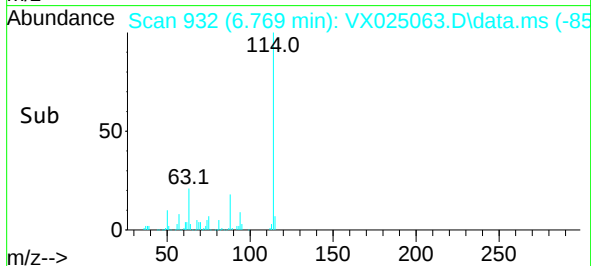
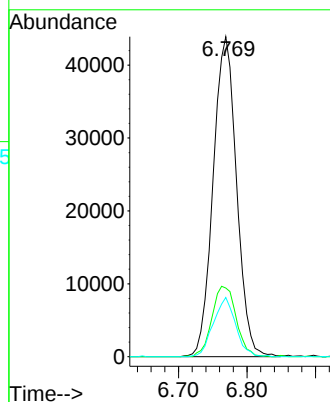
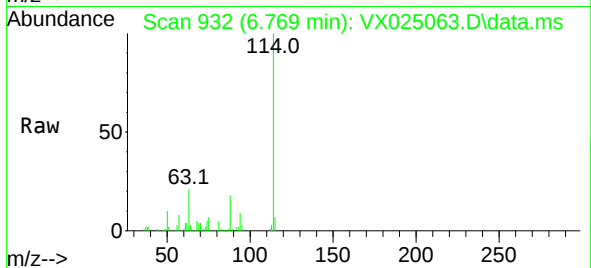
Tgt Ion:114 Resp: 104235

Ion Ratio Lower Upper

114 100

63 22.8 16.4 24.6

88 17.6 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: VX025063.D

Acq: 03 Nov 2021 21:41

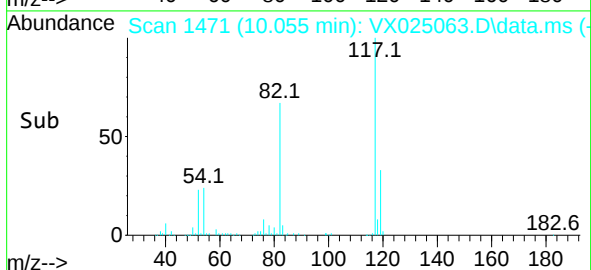
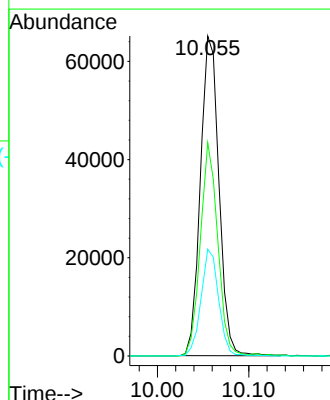
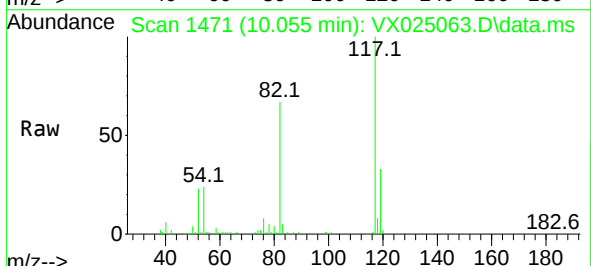
Tgt Ion:117 Resp: 91603

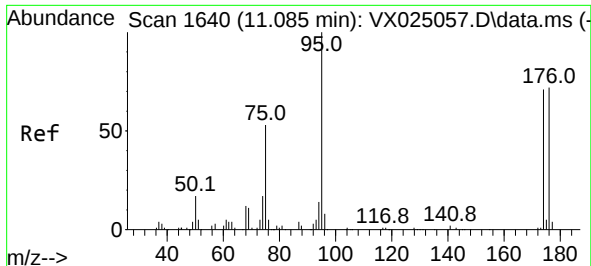
Ion Ratio Lower Upper

117 100

82 62.6 45.0 67.4

119 31.7 26.2 39.2

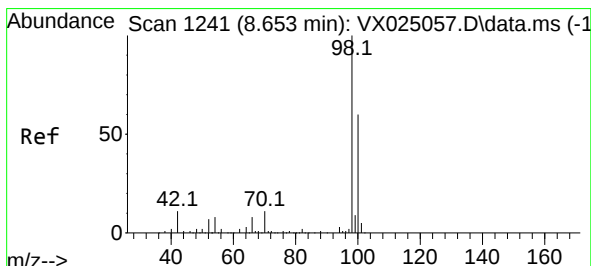
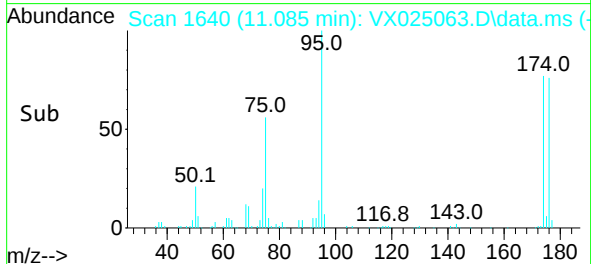
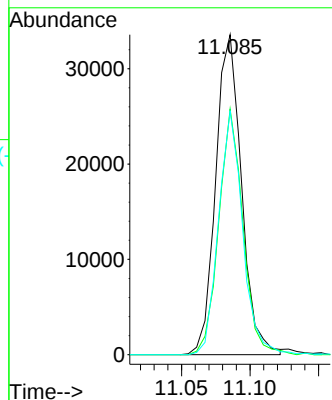
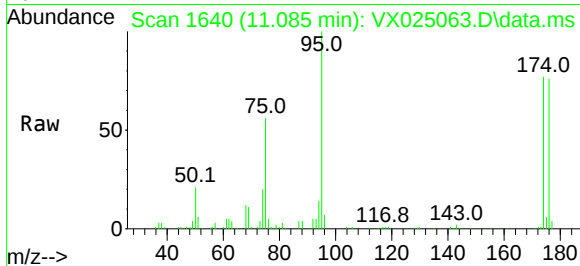




#60
4-Bromofluorobenzene
Concen: 26.328 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025063.D
Acq: 03 Nov 2021 21:41

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBL01

Tgt Ion: 95 Resp: 44003
Ion Ratio Lower Upper
95 100
174 71.8 63.5 95.3
176 71.2 63.0 94.4



#63
Toluene-d8
Concen: 30.323 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025063.D
Acq: 03 Nov 2021 21:41

Tgt Ion: 98 Resp: 128289
Ion Ratio Lower Upper
98 100
100 61.3 51.4 77.0

