

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027103.D
 Acq On : 18 Feb 2022 12:26
 Operator : JC/MD
 Sample : VX0218WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBL01

Quant Time: Feb 21 00:19:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	14226	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	78072	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	66275	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	31215	30.346	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.167%
60) 4-Bromofluorobenzene	11.079	95	29825	27.674	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.233%
63) Toluene-d8	8.653	98	89760	30.208	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%

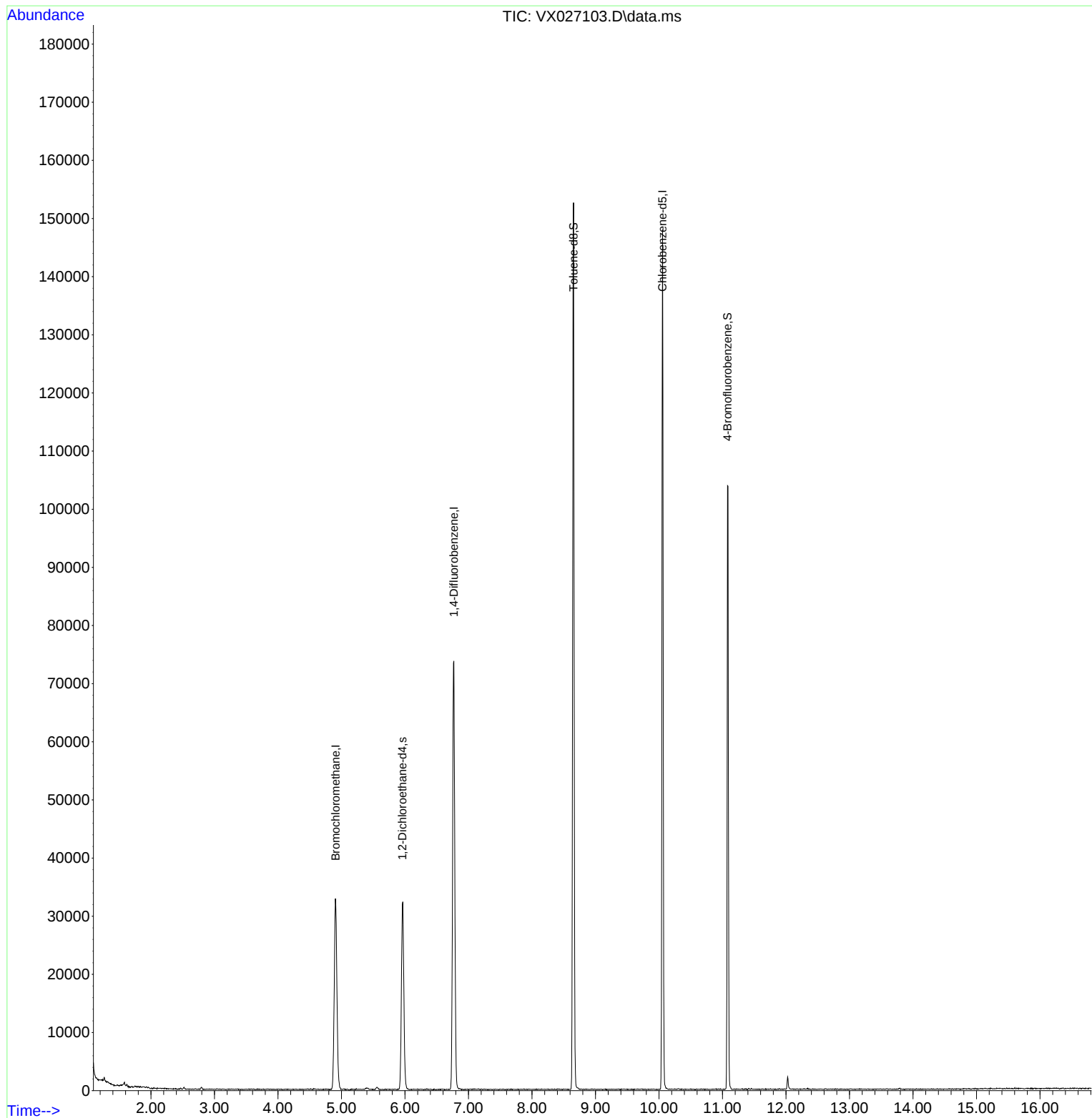
Target Compounds	Qvalue

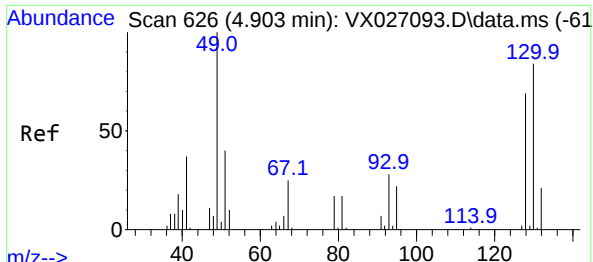
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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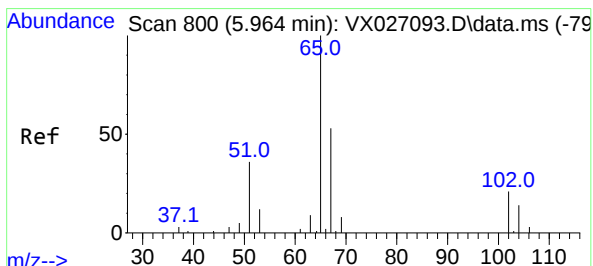
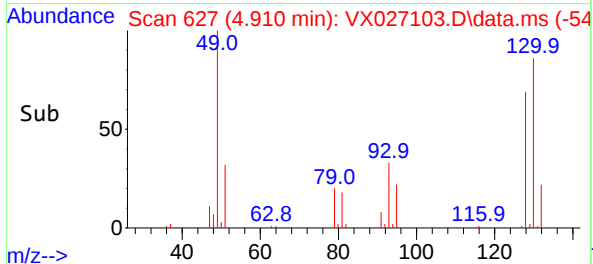
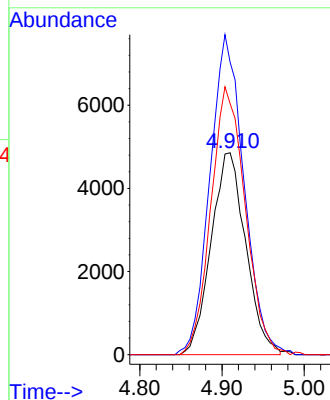
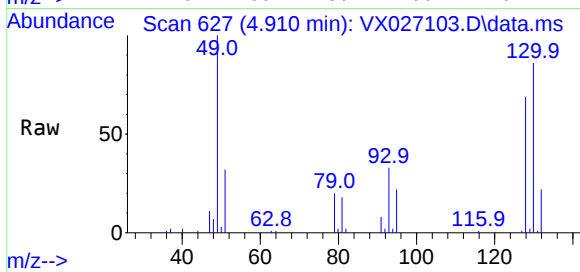




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

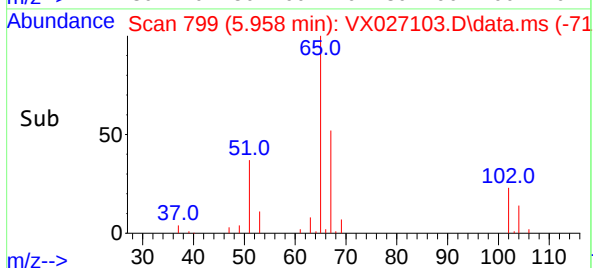
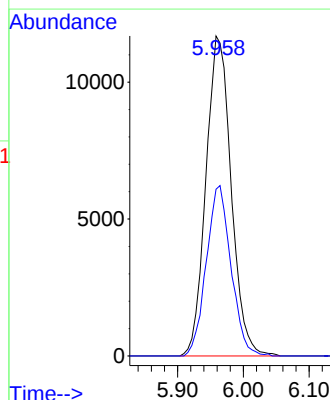
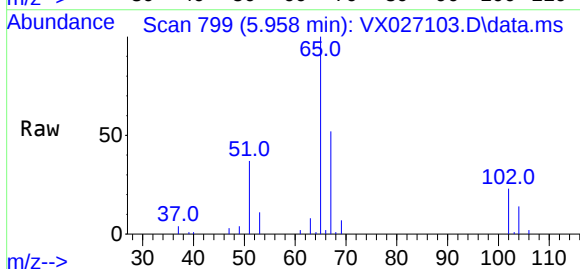
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBL01

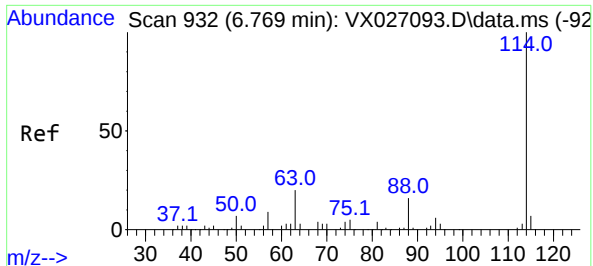
Tgt Ion:128 Resp: 14226
Ion Ratio Lower Upper
128 100
49 155.7 0.0 387.0
130 131.6 0.0 323.0



#27
1,2-Dichloroethane-d4
Concen: 30.346 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

Tgt Ion: 65 Resp: 31215
Ion Ratio Lower Upper
65 100
67 52.0 41.4 62.2

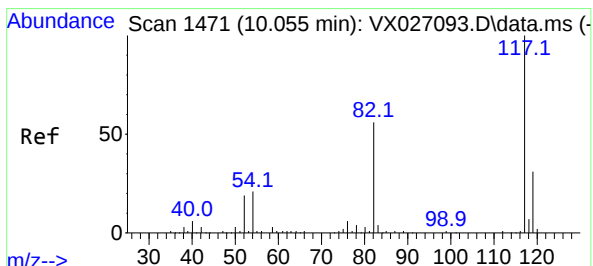
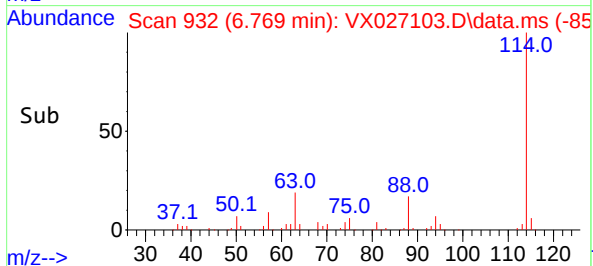
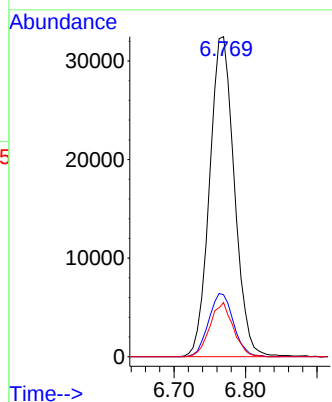
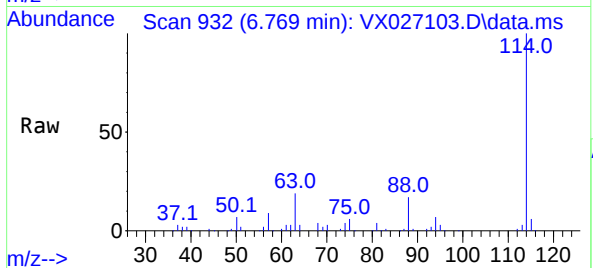




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

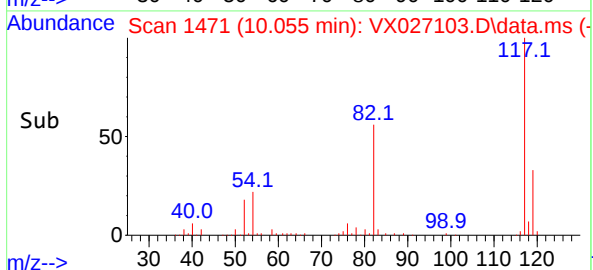
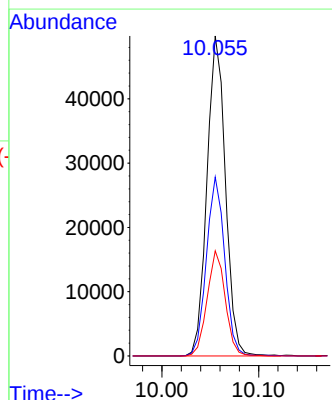
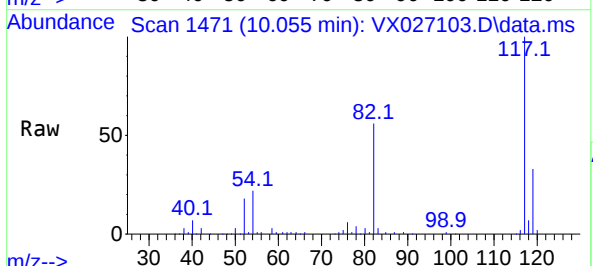
Instrument :
MSVOA_X
ClientSampleId :
VX0218WBL01

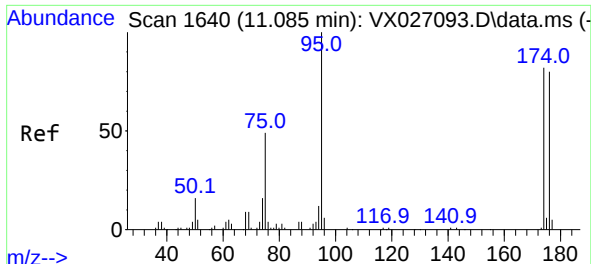
Tgt Ion:114 Resp: 78072
Ion Ratio Lower Upper
114 100
63 19.8 16.2 24.2
88 16.0 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

Tgt Ion:117 Resp: 66275
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 32.3 25.4 38.0

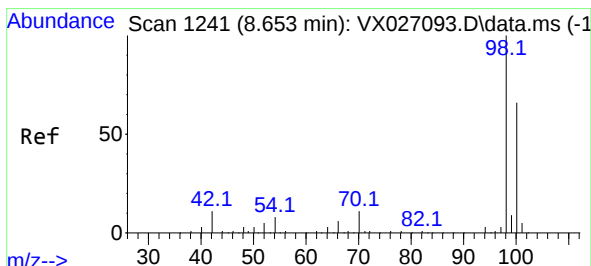
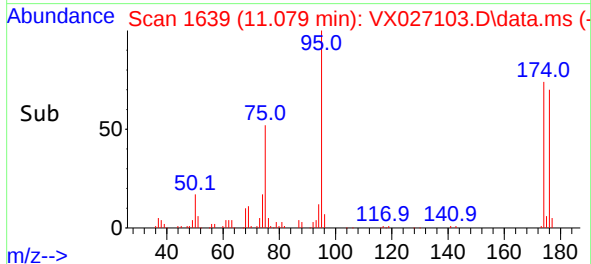
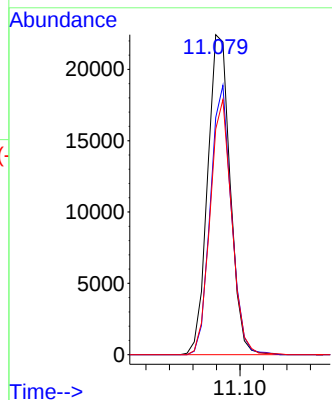
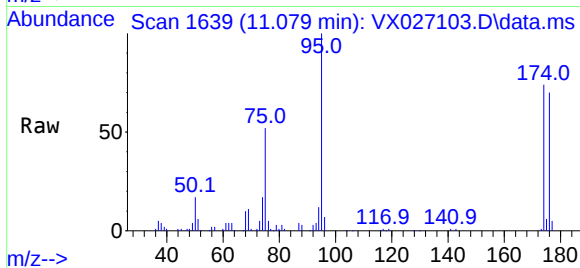




#60
4-Bromofluorobenzene
Concen: 27.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBL01

Tgt Ion: 95 Resp: 29825
Ion Ratio Lower Upper
95 100
174 78.7 61.8 92.8
176 76.1 59.4 89.2



#63
Toluene-d8
Concen: 30.208 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027103.D
Acq: 18 Feb 2022 12:26

Tgt Ion: 98 Resp: 89760
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

