

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026451.D
 Acq On : 14 Jan 2022 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 17 05:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	16663	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	95231	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81456	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41337	30.851	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.833%
60) 4-Bromofluorobenzene	11.085	95	40107	29.503	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.333%
63) Toluene-d8	8.653	98	111777	29.871	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.567%

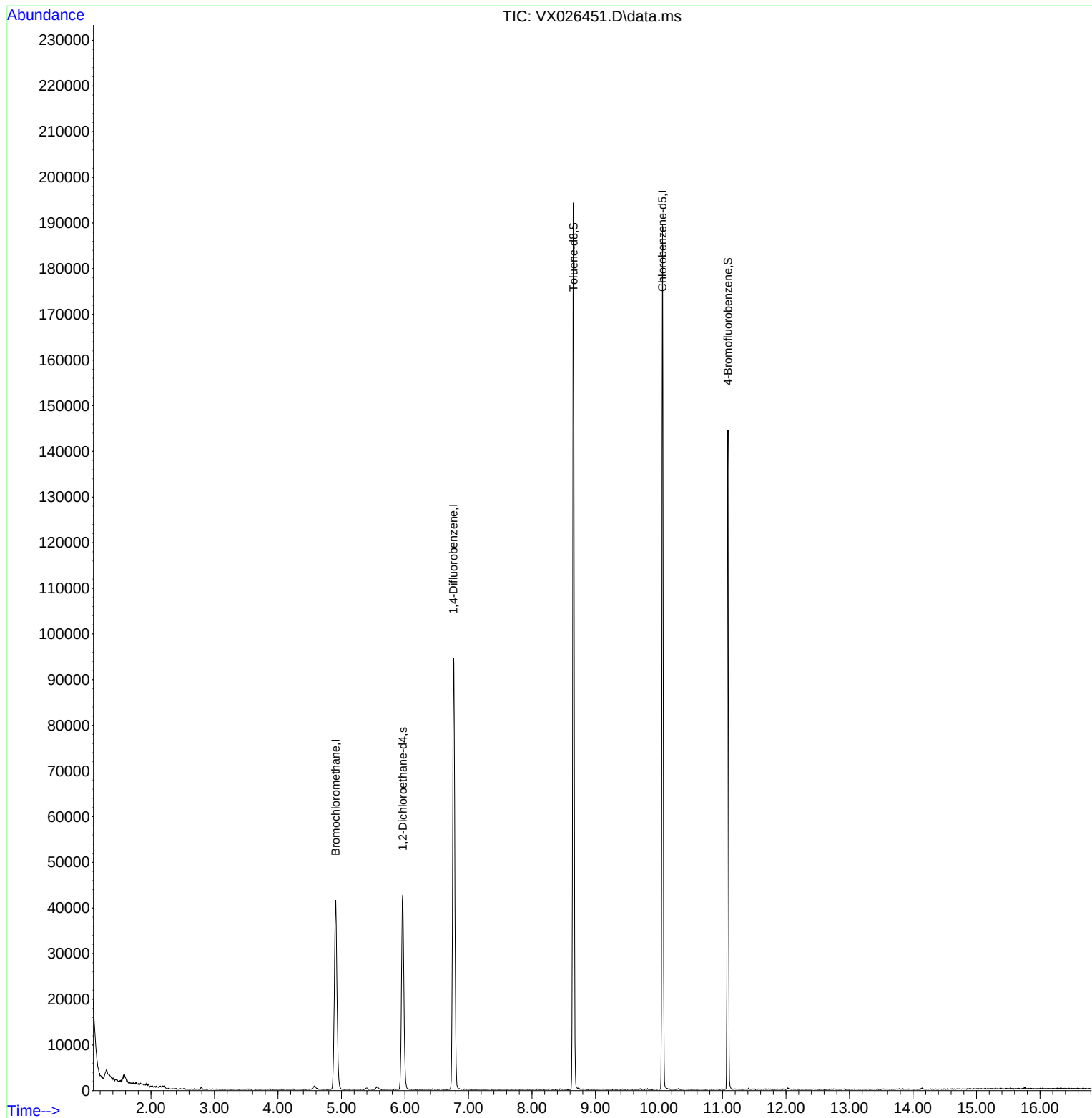
Target Compounds	Qvalue

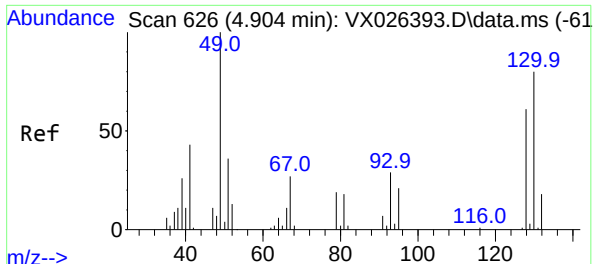
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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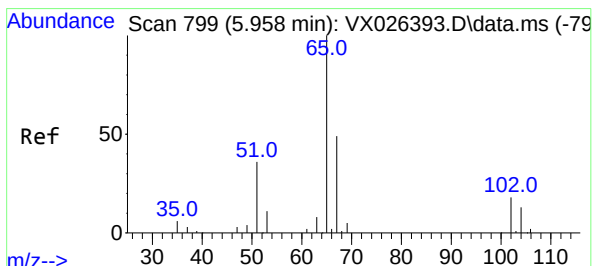
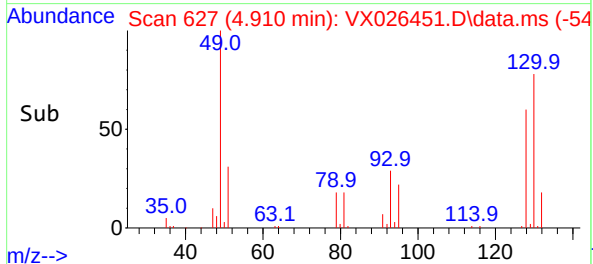
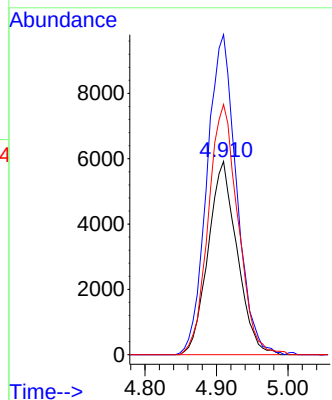
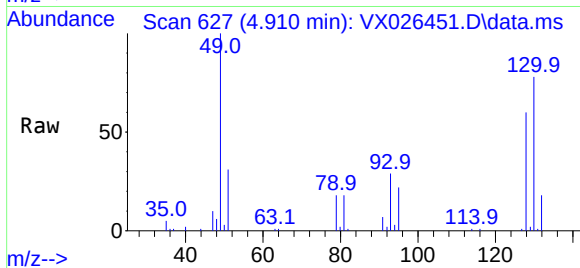




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

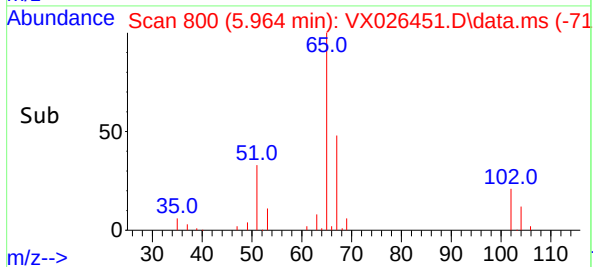
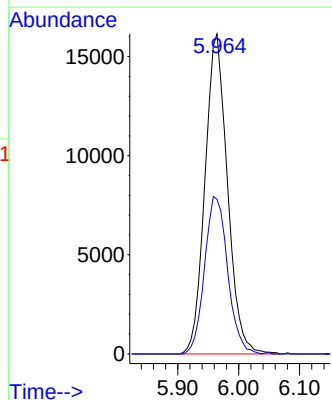
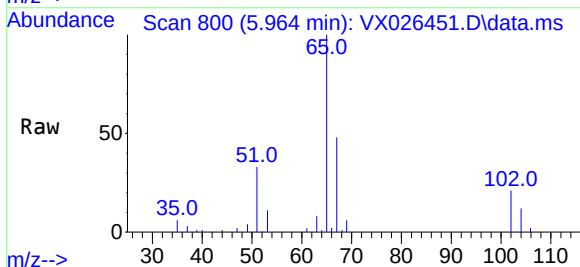
Instrument :
MSVOA_X
ClientSampleId :
IBLK

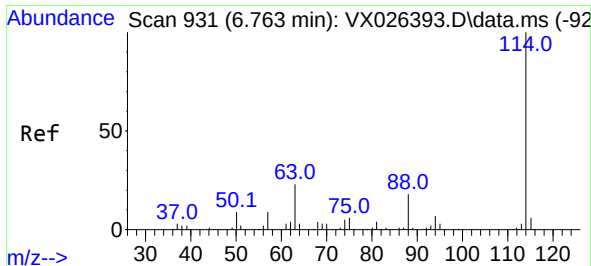
Tgt Ion:128 Resp: 16663
Ion Ratio Lower Upper
128 100
49 168.1 0.0 413.5
130 132.4 0.0 326.0



#27
1,2-Dichloroethane-d4
Concen: 30.851 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 65 Resp: 41337
Ion Ratio Lower Upper
65 100
67 50.5 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX026451.D

Acq: 14 Jan 2022 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

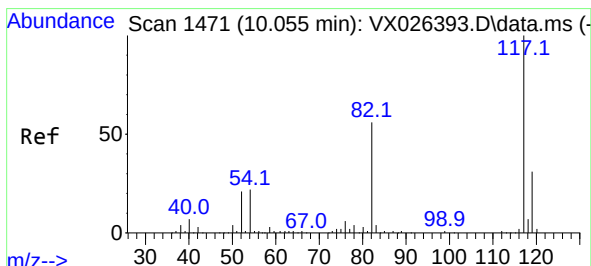
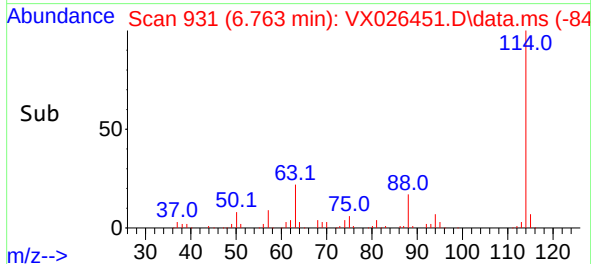
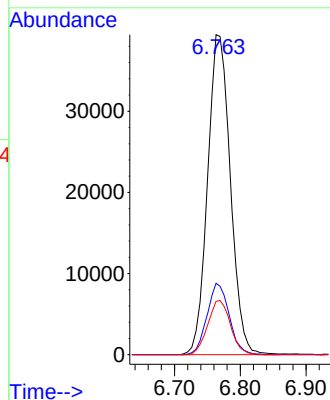
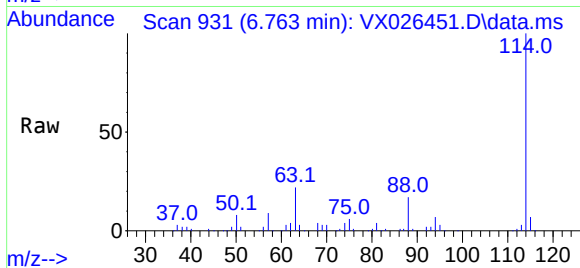
Tgt Ion:114 Resp: 95231

Ion Ratio Lower Upper

114 100

63 21.6 17.4 26.2

88 16.8 13.5 20.3



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026451.D

Acq: 14 Jan 2022 13:24

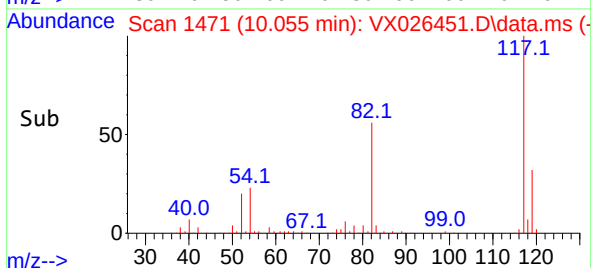
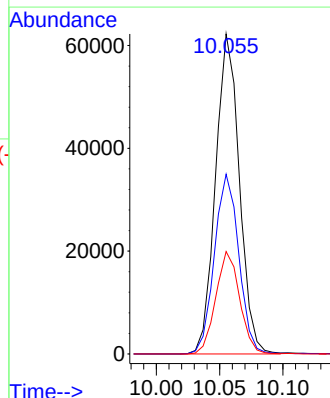
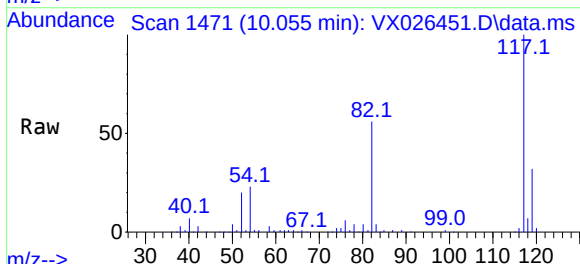
Tgt Ion:117 Resp: 81456

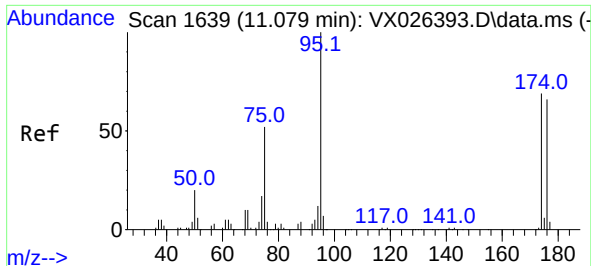
Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.4

119 32.1 25.4 38.2

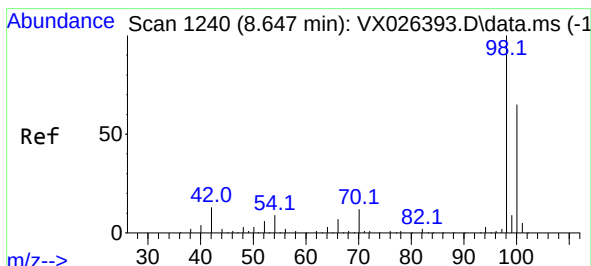
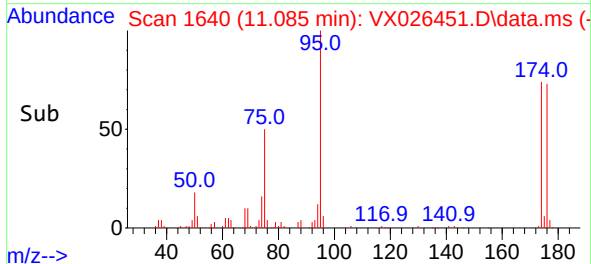
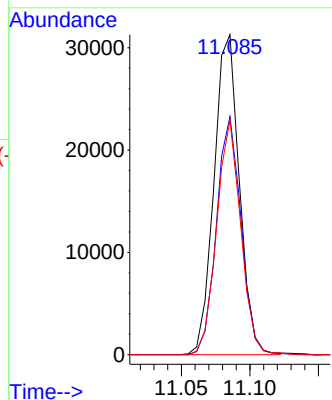
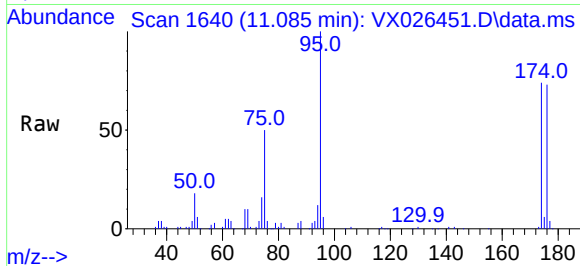




#60
4-Bromofluorobenzene
Concen: 29.503 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 40107
Ion Ratio Lower Upper
95 100
174 72.6 58.0 87.0
176 69.8 56.5 84.7



#63
Toluene-d8
Concen: 29.871 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026451.D
Acq: 14 Jan 2022 13:24

Tgt Ion: 98 Resp: 111777
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

