

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041553.D
 Acq On : 16 May 2024 10:54
 Operator : JC/MD
 Sample : VX0516WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL01

Quant Time: May 17 02:36:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	27764	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	155536	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	137880	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66495	30.413	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.367%
60) 4-Bromofluorobenzene	11.079	95	60101	27.923	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.067%
63) Toluene-d8	8.647	98	177891	30.098	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.333%

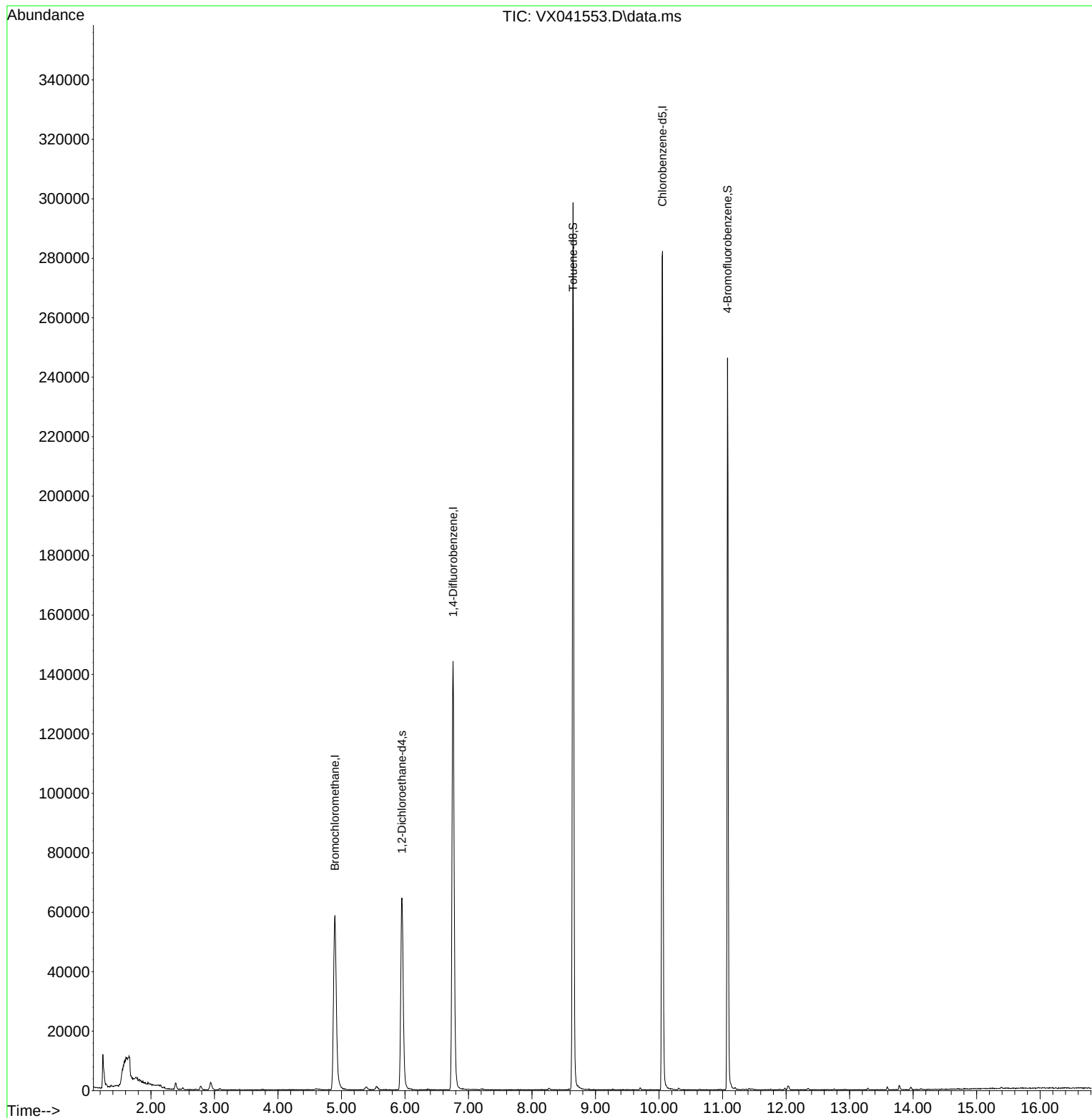
Target Compounds	Qvalue

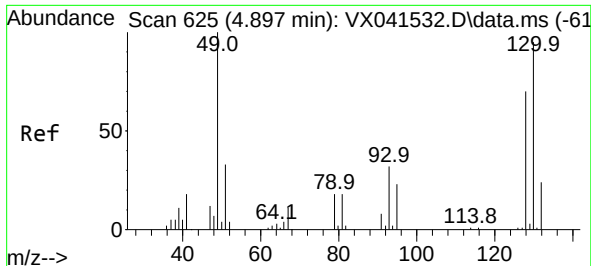
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
Data File : VX041553.D
Acq On : 16 May 2024 10:54
Operator : JC/MD
Sample : VX0516WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

Quant Time: May 17 02:36:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration

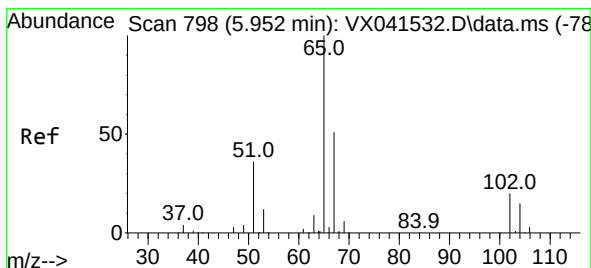
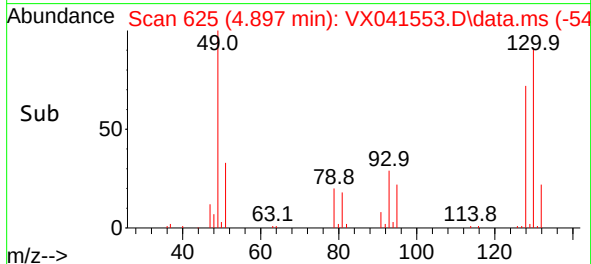
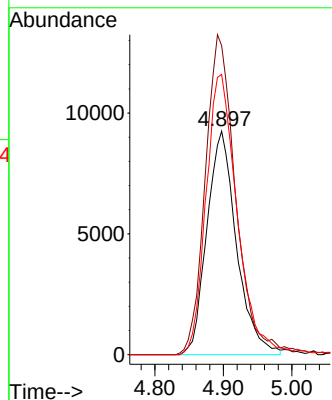
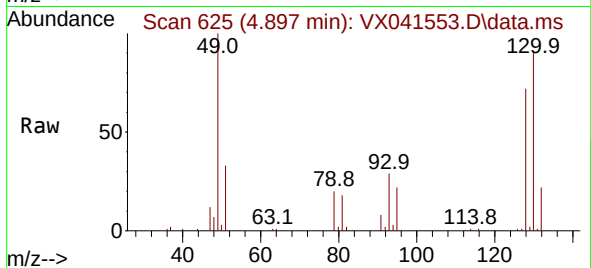




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041553.D
Acq: 16 May 2024 10:54

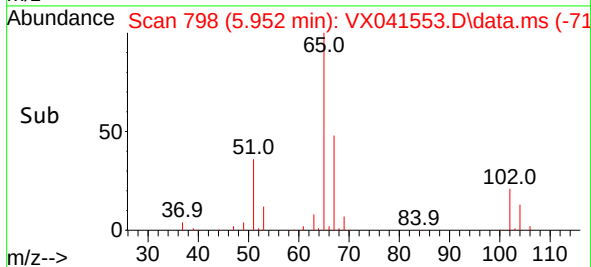
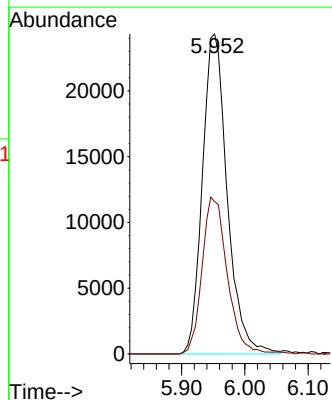
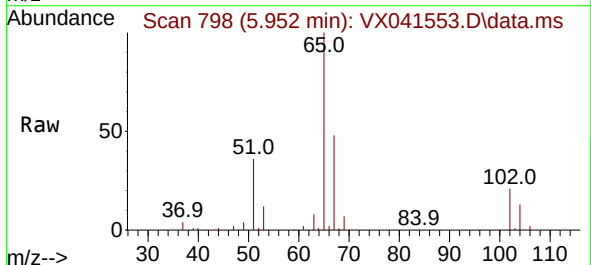
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

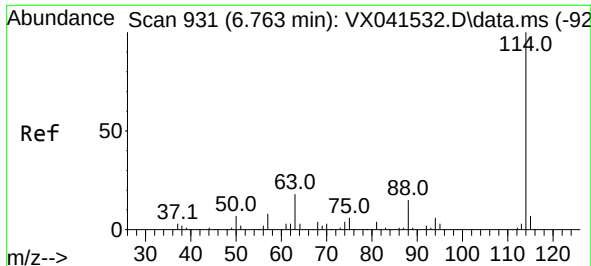
Tgt Ion:128 Resp: 27764
Ion Ratio Lower Upper
128 100
49 144.2 0.0 361.5
130 131.7 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 30.413 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041553.D
Acq: 16 May 2024 10:54

Tgt Ion: 65 Resp: 66495
Ion Ratio Lower Upper
65 100
67 49.3 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041553.D

Acq: 16 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL01

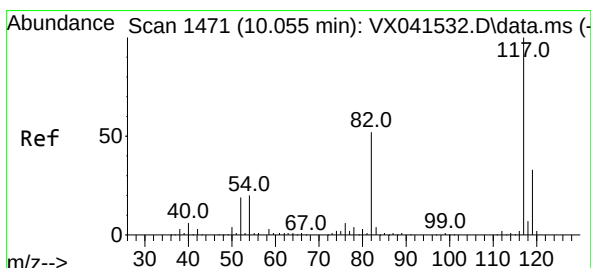
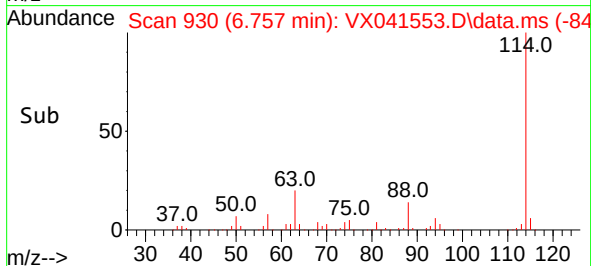
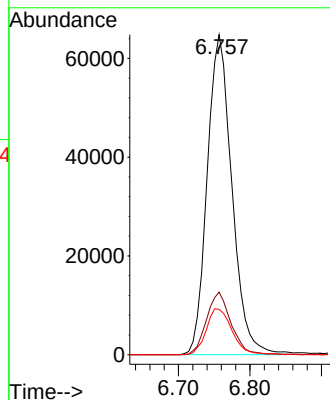
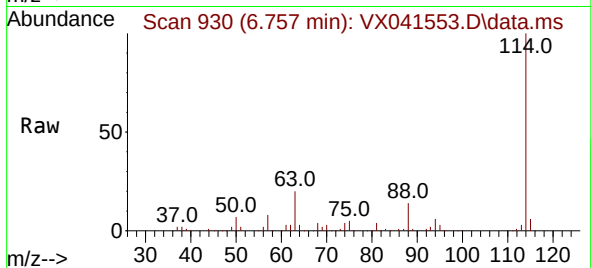
Tgt Ion:114 Resp: 155536

Ion Ratio Lower Upper

114 100

63 19.3 15.4 23.0

88 14.8 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041553.D

Acq: 16 May 2024 10:54

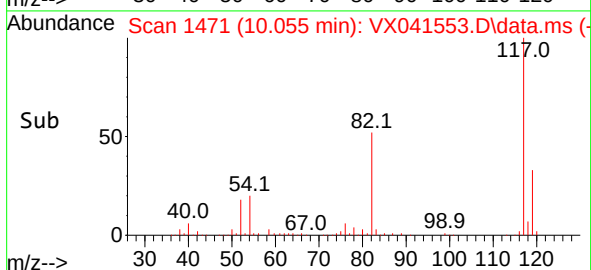
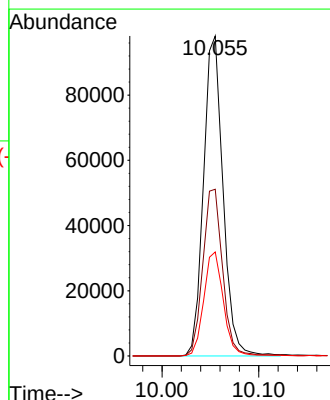
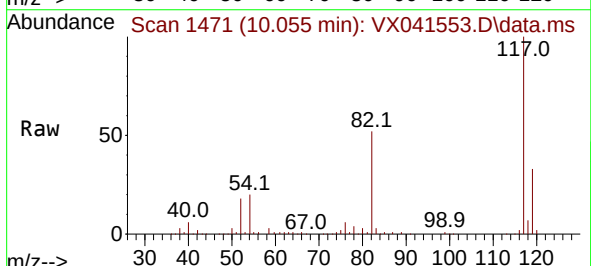
Tgt Ion:117 Resp: 137880

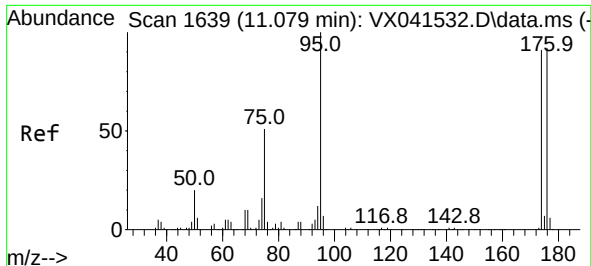
Ion Ratio Lower Upper

117 100

82 52.8 41.7 62.5

119 32.8 25.7 38.5

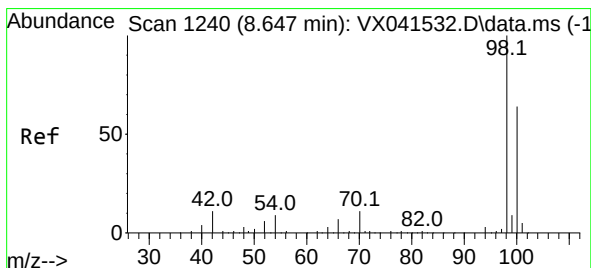
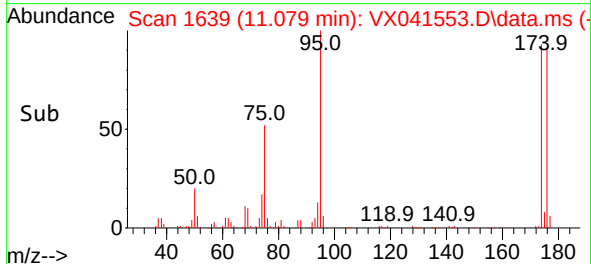
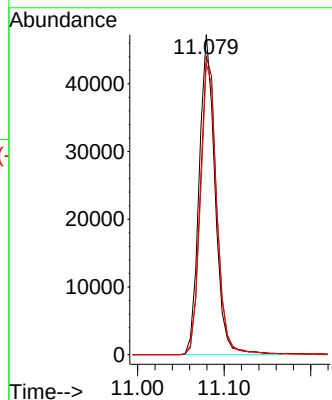
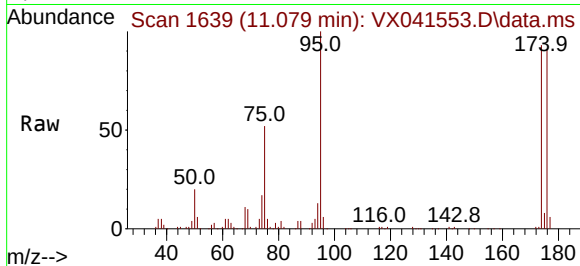




#60
4-Bromofluorobenzene
Concen: 27.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041553.D
Acq: 16 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL01

Tgt Ion: 95 Resp: 60101
Ion Ratio Lower Upper
95 100
174 96.8 76.6 115.0
176 94.4 75.4 113.0



#63
Toluene-d8
Concen: 30.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041553.D
Acq: 16 May 2024 10:54

Tgt Ion: 98 Resp: 177891
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

