

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040837.D
 Acq On : 29 Mar 2024 13:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 29 22:59:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	3223	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	25625	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	31586	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	16946	30.678	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.267%
60) 4-Bromofluorobenzene	11.079	95	18078	26.200	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.333%
63) Toluene-d8	8.647	98	37143	29.996	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.000%

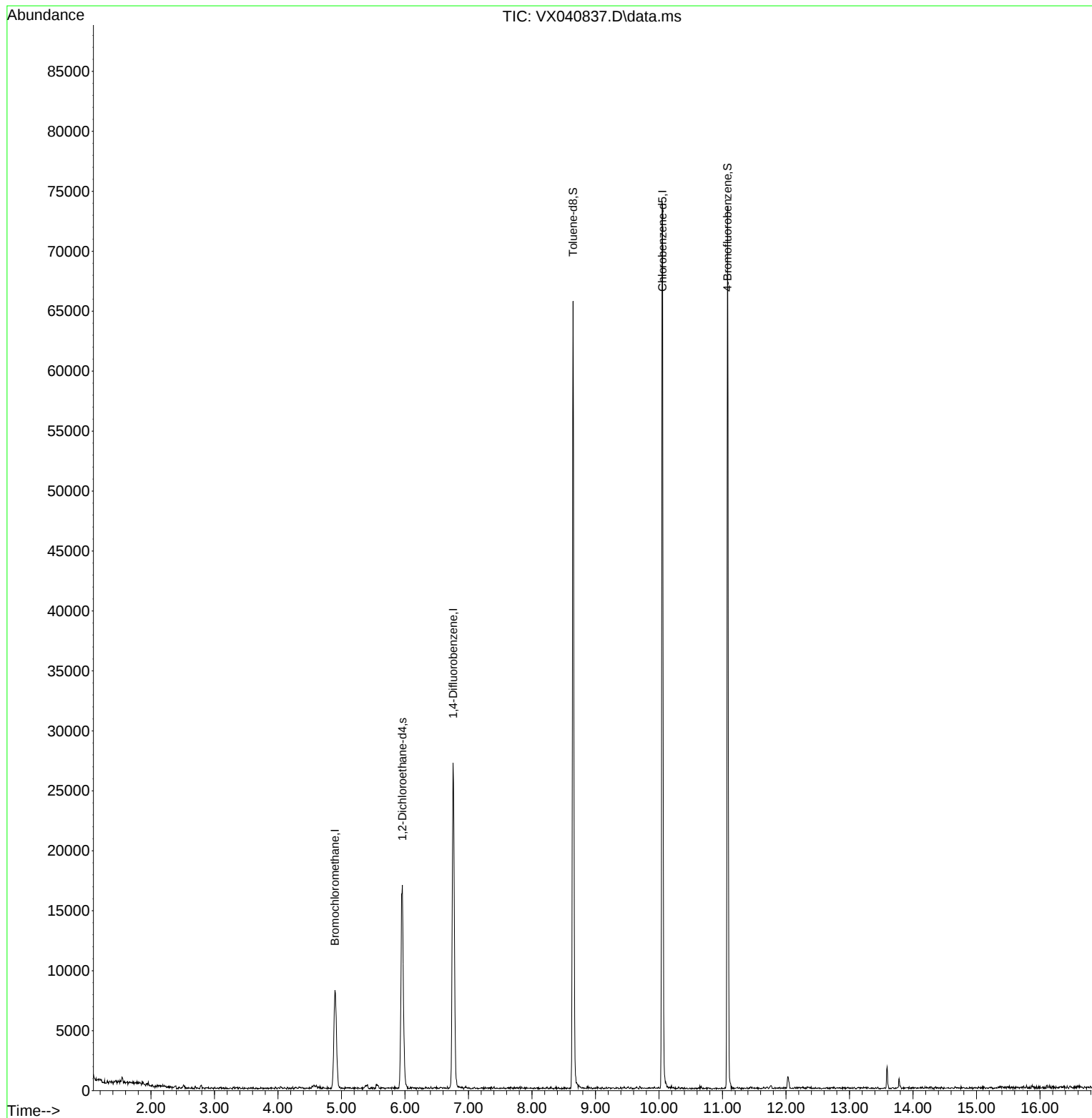
Target Compounds	Qvalue

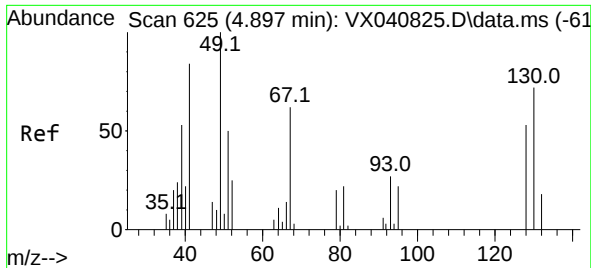
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.898 min Scan# 61

Delta R.T. 0.001 min

Lab File: VX040837.D

Acq: 29 Mar 2024 13:56

Instrument :

MSVOA_X

ClientSampleId :

IBLK

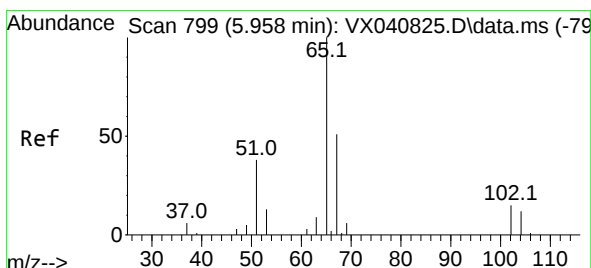
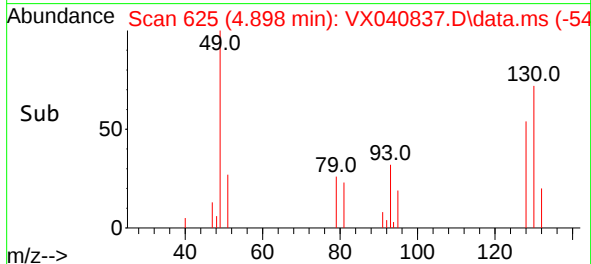
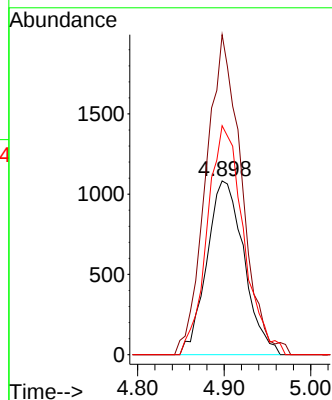
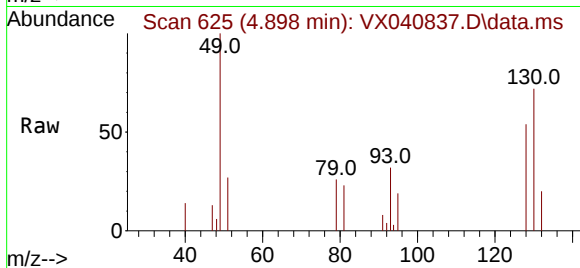
Tgt Ion:128 Resp: 3223

Ion Ratio Lower Upper

128 100

49 175.6 0.0 444.0

130 127.0 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 30.678 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040837.D

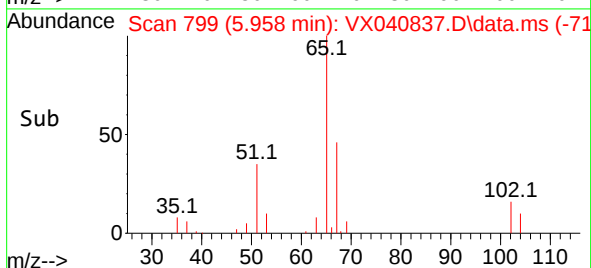
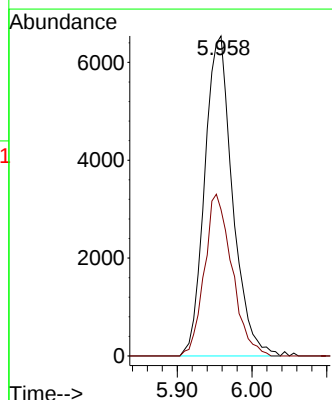
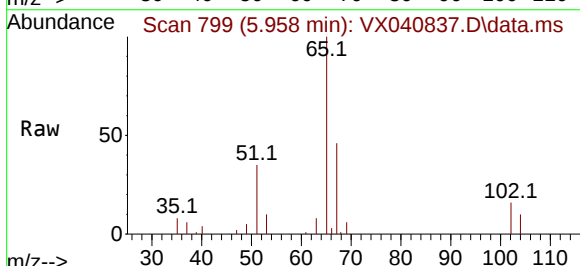
Acq: 29 Mar 2024 13:56

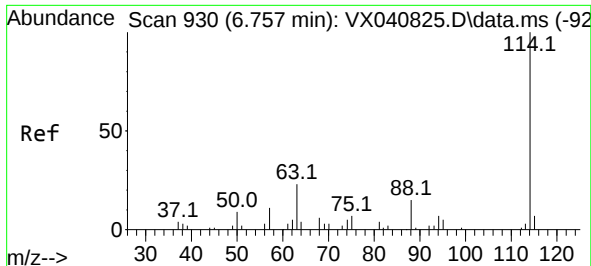
Tgt Ion: 65 Resp: 16946

Ion Ratio Lower Upper

65 100

67 50.2 42.5 63.7

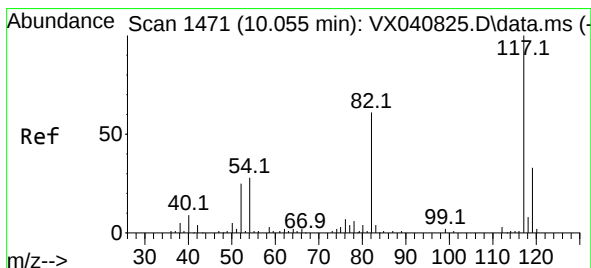
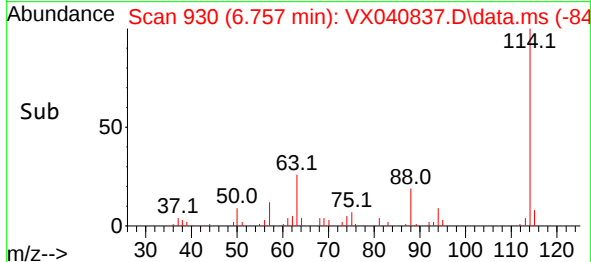
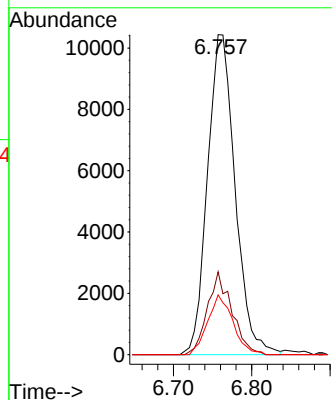
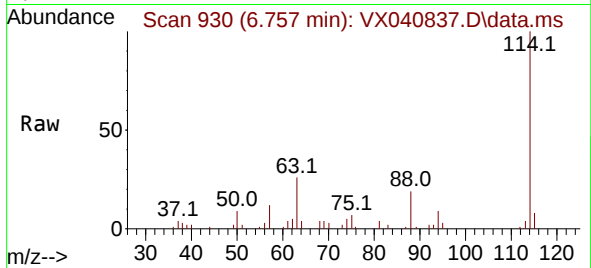




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040837.D
Acq: 29 Mar 2024 13:56

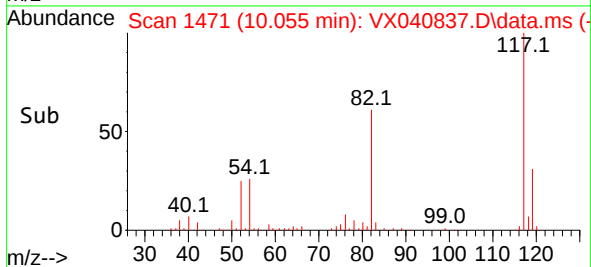
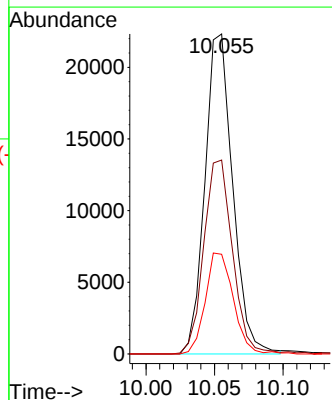
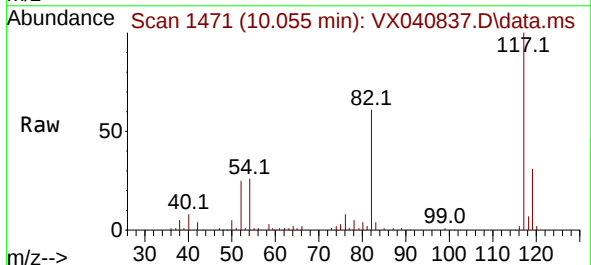
Instrument :
MSVOA_X
ClientSampleId :
IBLK

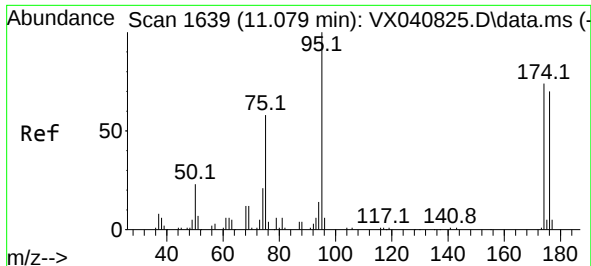
Tgt Ion:114 Resp: 25625
Ion Ratio Lower Upper
114 100
63 22.9 17.0 25.4
88 17.0 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040837.D
Acq: 29 Mar 2024 13:56

Tgt Ion:117 Resp: 31586
Ion Ratio Lower Upper
117 100
82 62.8 47.0 70.6
119 31.7 25.2 37.8

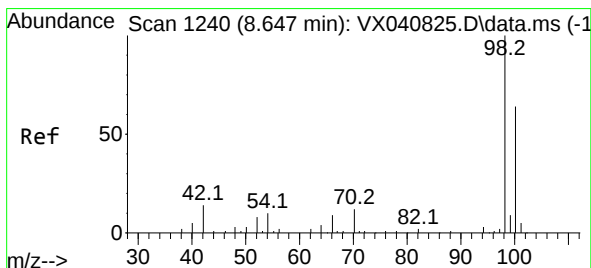
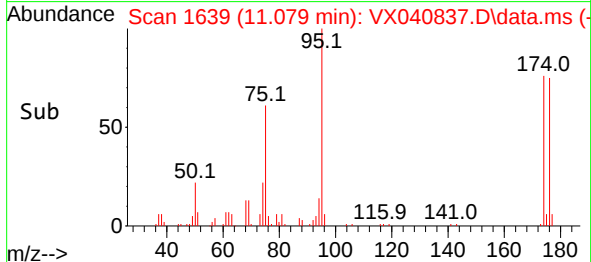
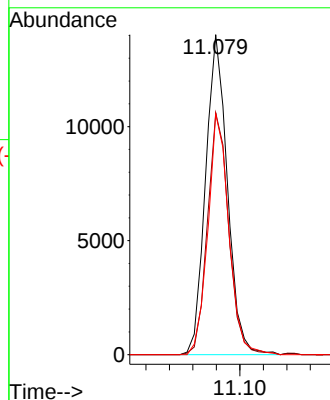
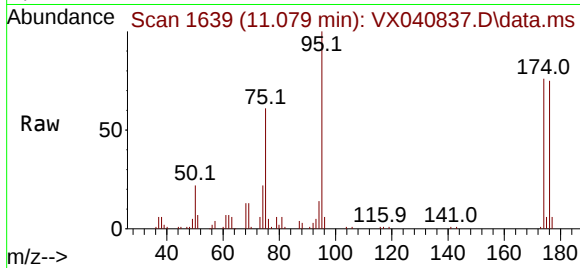




#60
4-Bromofluorobenzene
Concen: 26.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040837.D
Acq: 29 Mar 2024 13:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 18078
Ion Ratio Lower Upper
95 100
174 73.5 55.4 83.2
176 72.4 52.6 78.8



#63
Toluene-d8
Concen: 29.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040837.D
Acq: 29 Mar 2024 13:56

Tgt Ion: 98 Resp: 37143
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

