

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039036.D
 Acq On : 27 Nov 2023 13:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 28 01:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	9637	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	78944	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	95717	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43572	33.049	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.167%#
60) 4-Bromofluorobenzene	11.079	95	62111	29.709	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.033%
63) Toluene-d8	8.647	98	116179	30.700	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.333%

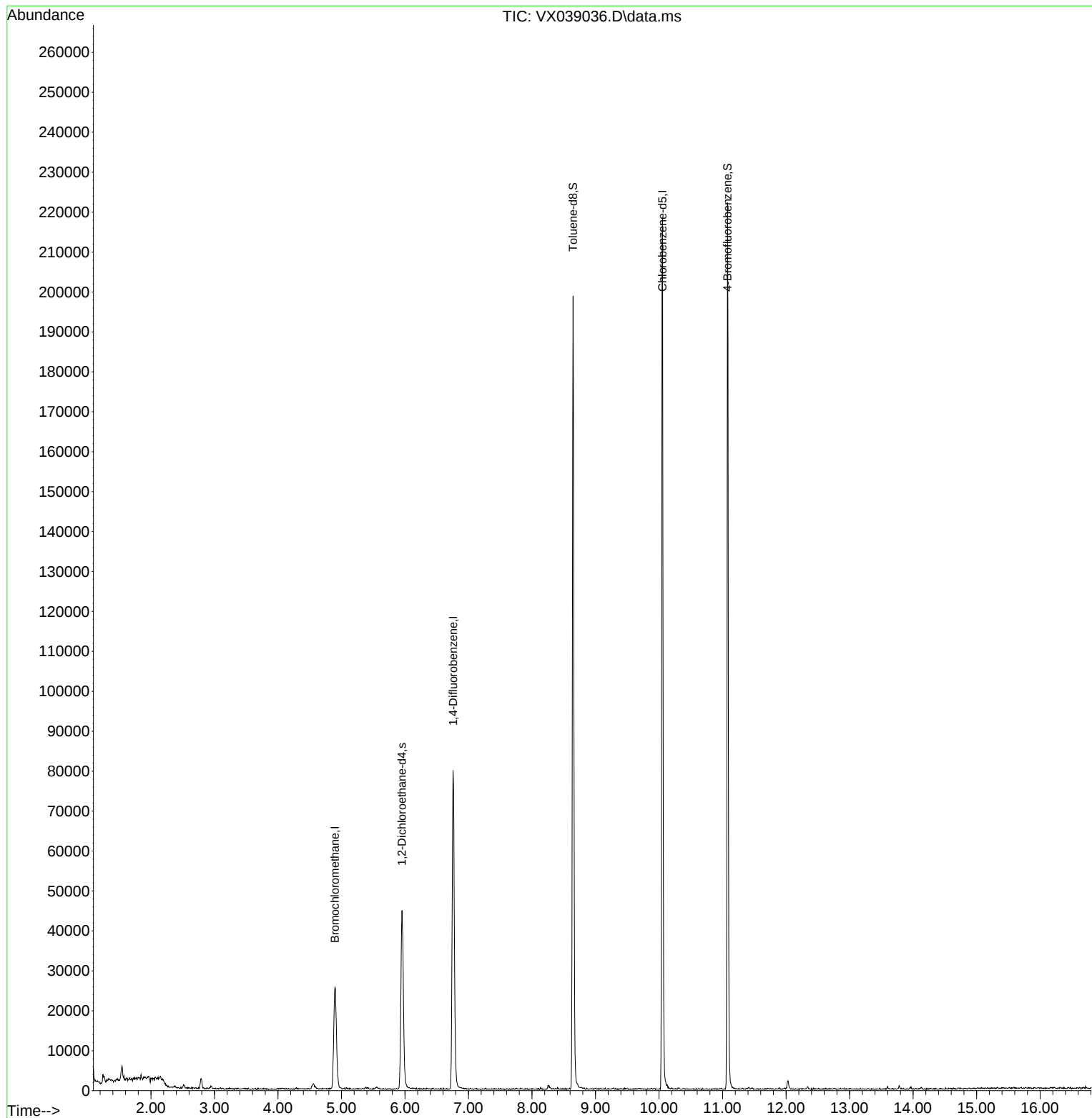
Target Compounds	Qvalue

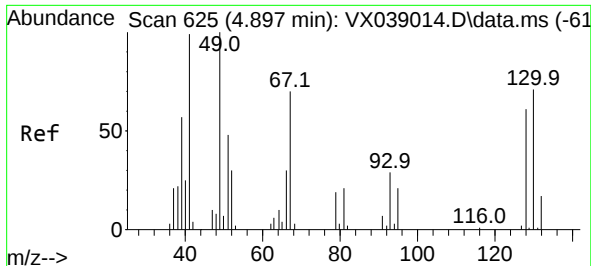
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039036.D

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Instrument :

MSVOA_X

ClientSampleId :

IBLK

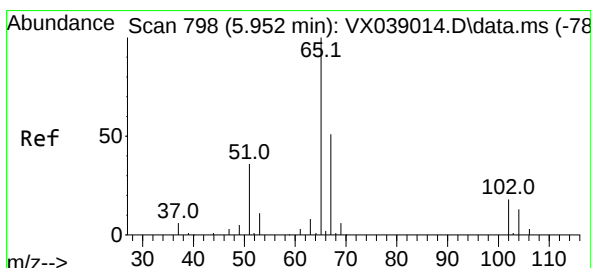
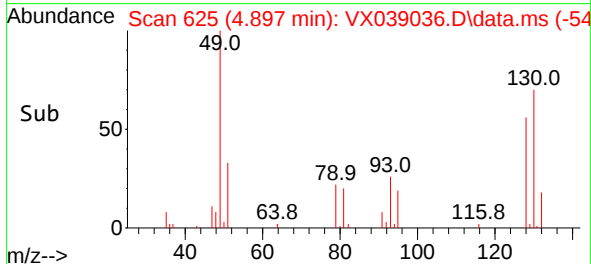
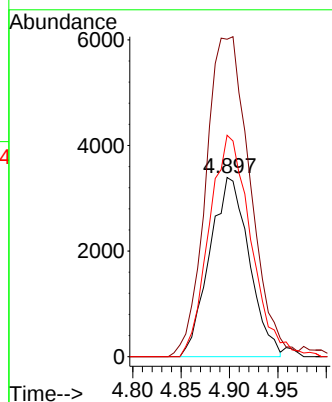
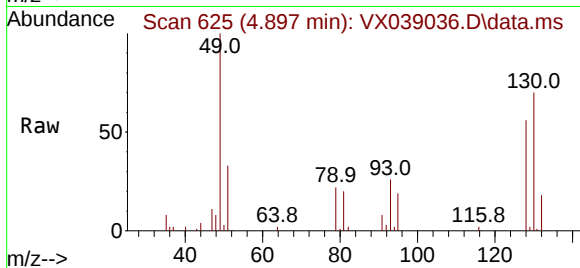
Tgt Ion:128 Resp: 9637

Ion Ratio Lower Upper

128 100

49 199.9 0.0 444.0

130 130.7 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 33.049 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039036.D

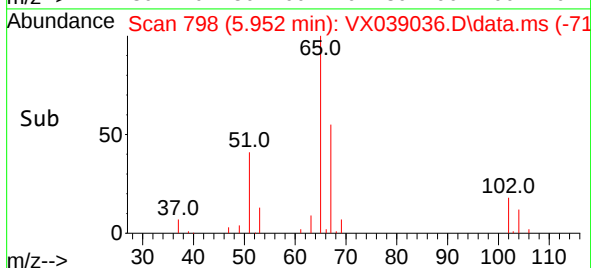
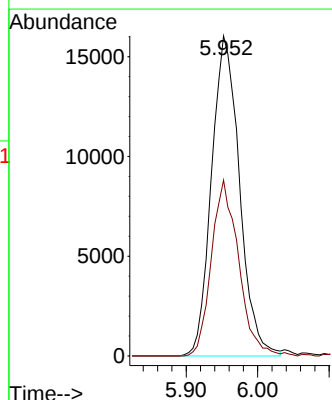
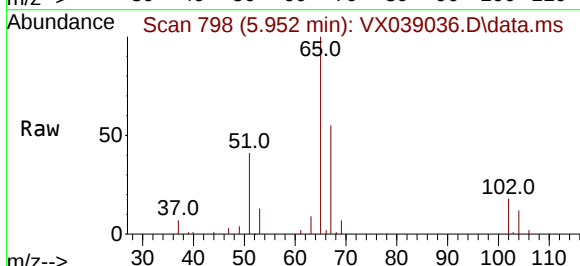
Acq: 27 Nov 2023 13:07

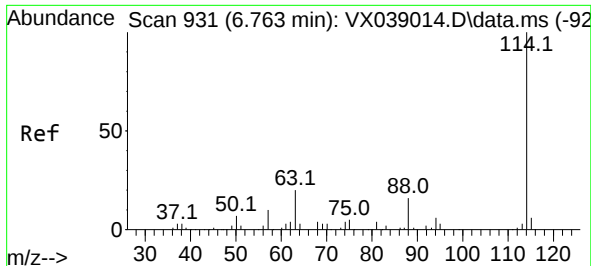
Tgt Ion: 65 Resp: 43572

Ion Ratio Lower Upper

65 100

67 53.2 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX039036.D

Acq: 27 Nov 2023 13:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

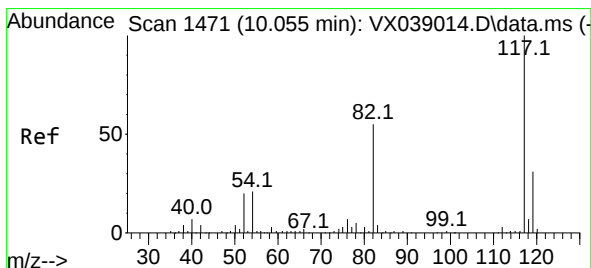
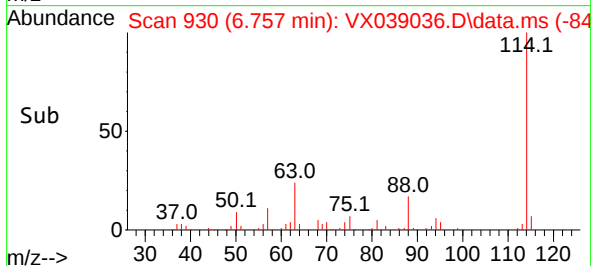
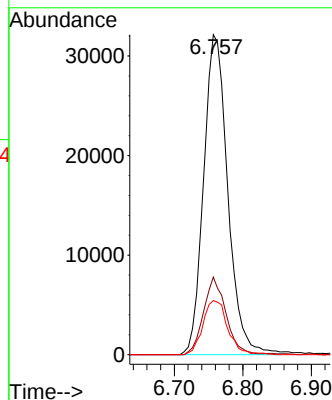
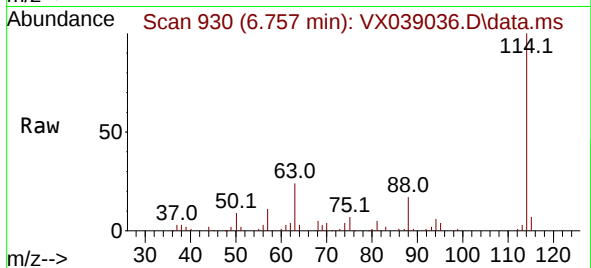
Tgt Ion:114 Resp: 78944

Ion Ratio Lower Upper

114 100

63 22.4 17.0 25.4

88 17.1 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: VX039036.D

Acq: 27 Nov 2023 13:07

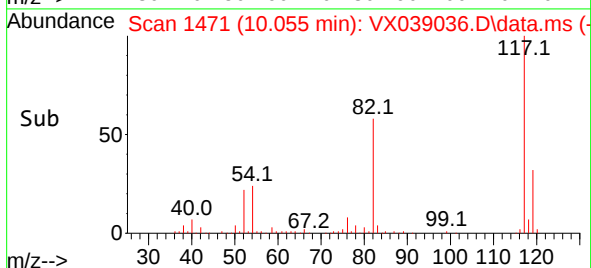
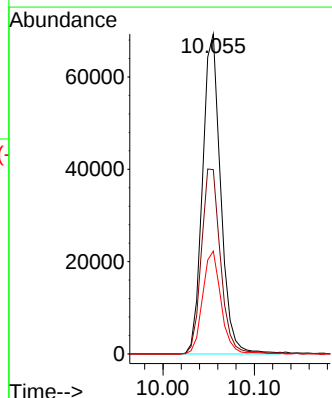
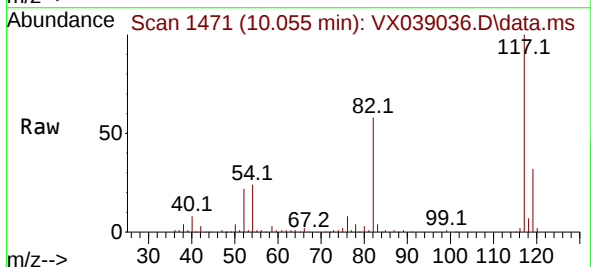
Tgt Ion:117 Resp: 95717

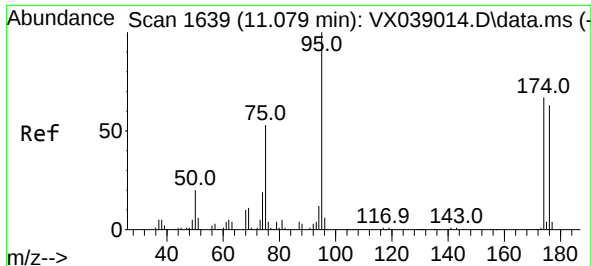
Ion Ratio Lower Upper

117 100

82 60.6 47.0 70.6

119 32.2 25.2 37.8

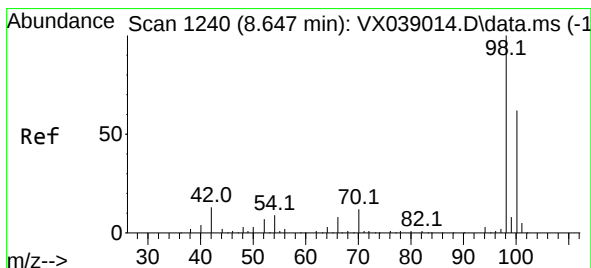
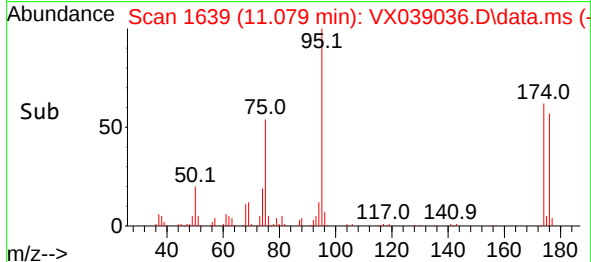
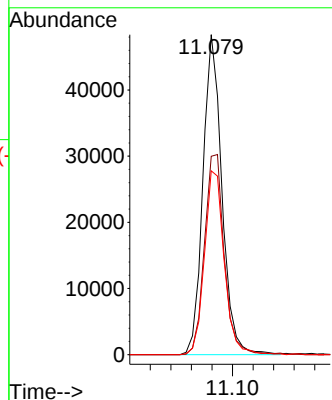
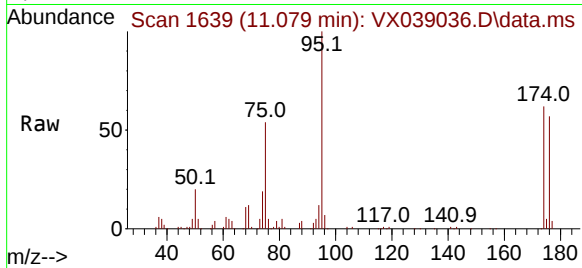




#60
4-Bromofluorobenzene
Concen: 29.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039036.D
Acq: 27 Nov 2023 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 62111
Ion Ratio Lower Upper
95 100
174 65.2 55.4 83.2
176 60.0 52.6 78.8



#63
Toluene-d8
Concen: 30.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039036.D
Acq: 27 Nov 2023 13:07

Tgt Ion: 98 Resp: 116179
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

