

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039225.D
 Acq On : 15 Dec 2023 11:33
 Operator : JC/MD
 Sample : VX1215WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBL01

Quant Time: Dec 16 01:13:19 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	10263	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	79246	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	94399	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43955	31.306	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.367%
60) 4-Bromofluorobenzene	11.079	95	63455	30.776	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.600%
63) Toluene-d8	8.647	98	110201	29.527	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.433%

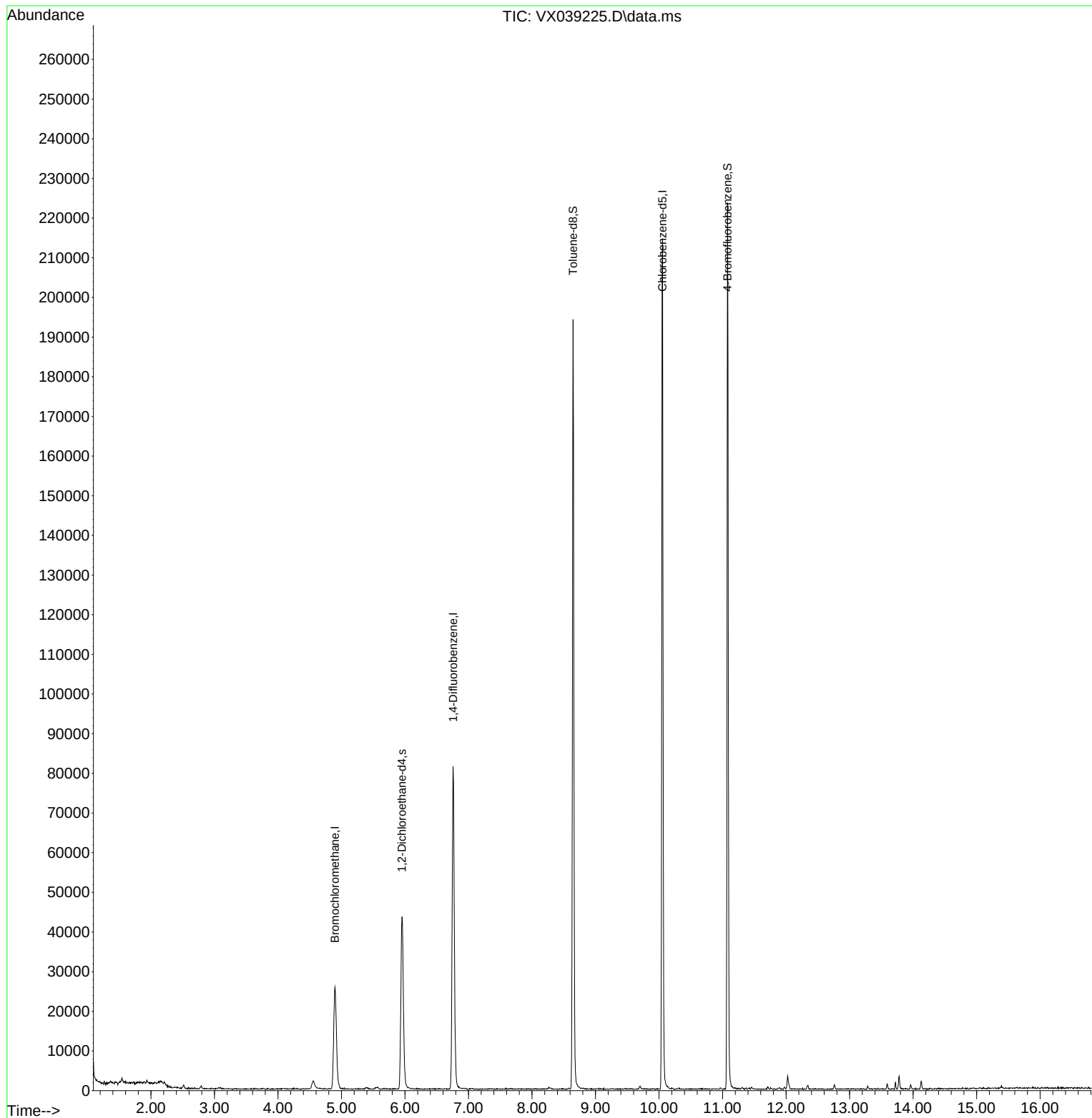
Target Compounds	Qvalue

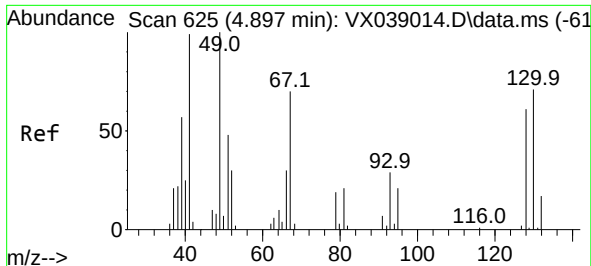
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX039225.D

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Instrument :

MSVOA_X

ClientSampleId :

VX1215WBL01

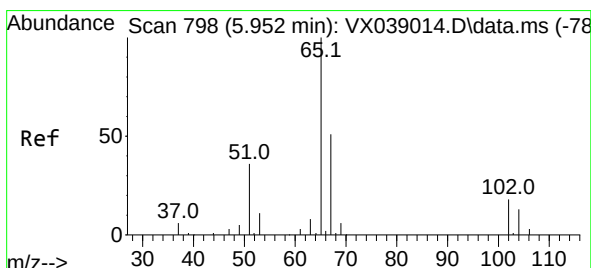
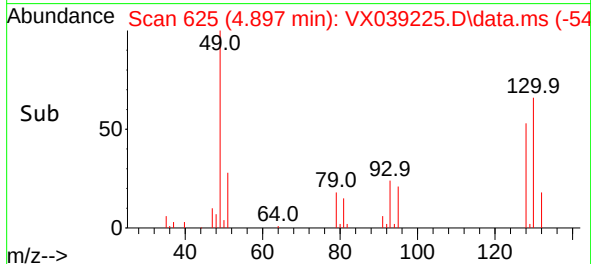
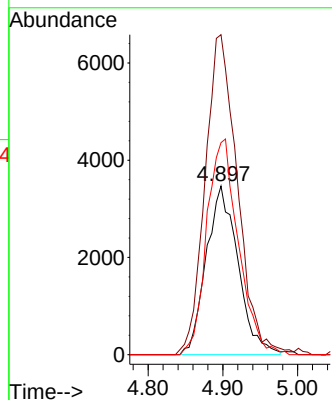
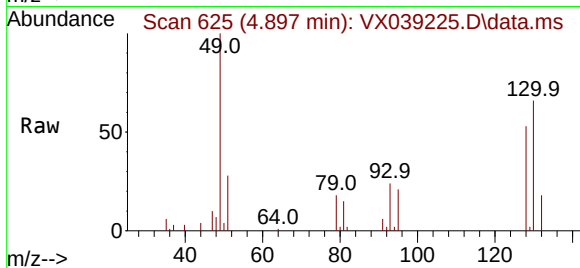
Tgt Ion:128 Resp: 10263

Ion Ratio Lower Upper

128 100

49 188.9 0.0 444.0

130 126.0 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 31.306 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039225.D

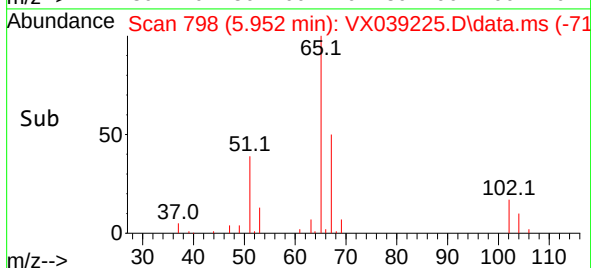
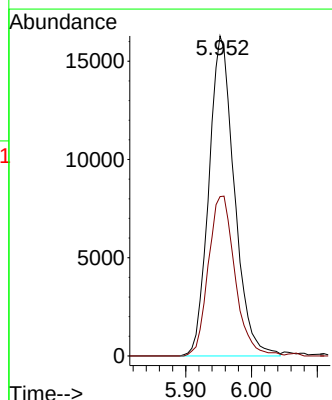
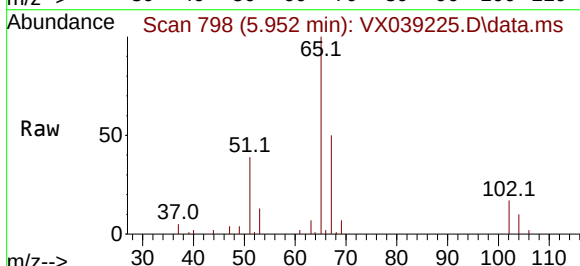
Acq: 15 Dec 2023 11:33

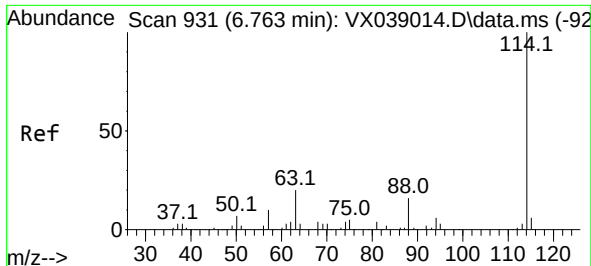
Tgt Ion: 65 Resp: 43955

Ion Ratio Lower Upper

65 100

67 51.8 42.5 63.7

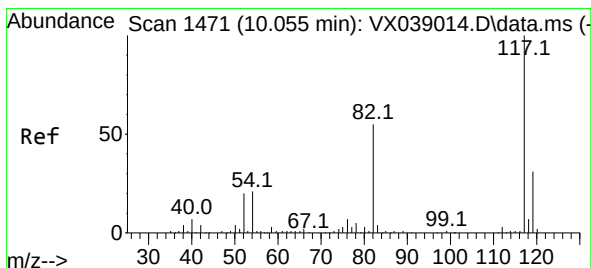
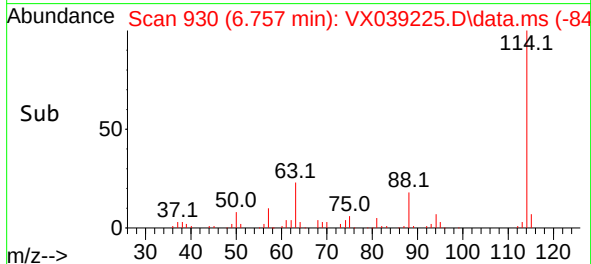
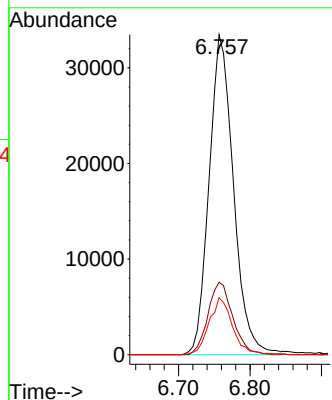
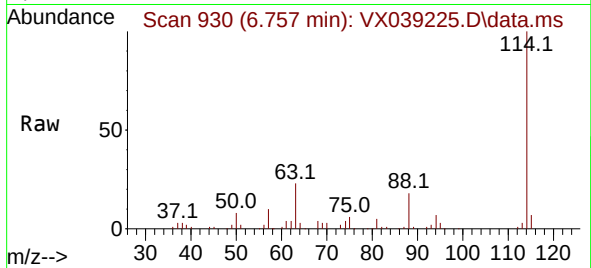




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039225.D
Acq: 15 Dec 2023 11:33

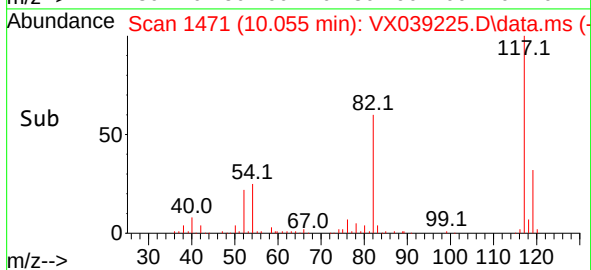
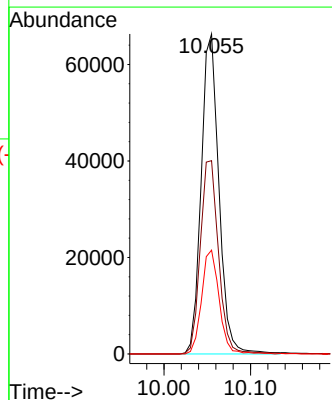
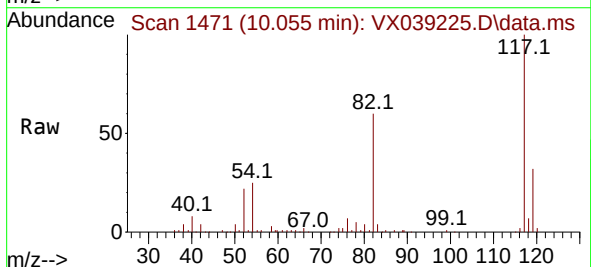
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

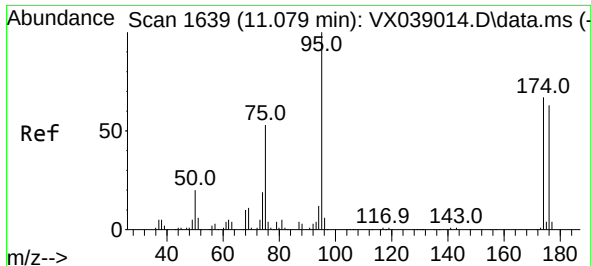
Tgt Ion:114 Resp: 79246
Ion Ratio Lower Upper
114 100
63 23.0 17.0 25.4
88 17.0 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039225.D
Acq: 15 Dec 2023 11:33

Tgt Ion:117 Resp: 94399
Ion Ratio Lower Upper
117 100
82 62.1 47.0 70.6
119 31.7 25.2 37.8

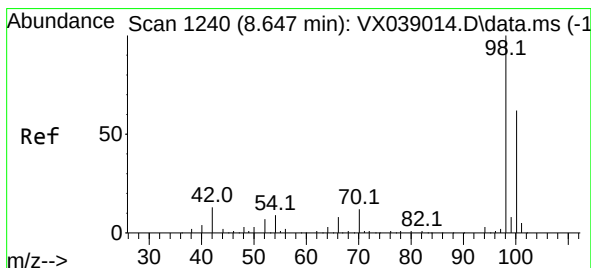
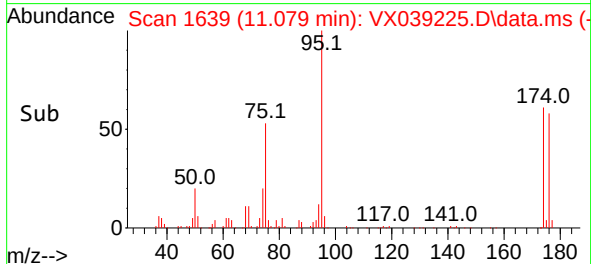
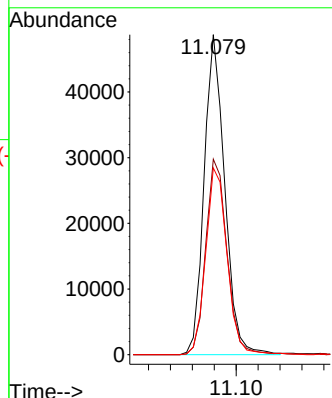
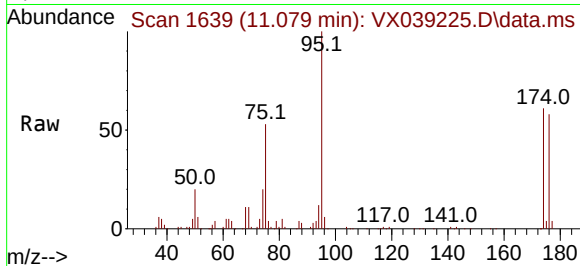




#60
4-Bromofluorobenzene
Concen: 30.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039225.D
Acq: 15 Dec 2023 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

Tgt Ion: 95 Resp: 63455
Ion Ratio Lower Upper
95 100
174 63.0 55.4 83.2
176 60.5 52.6 78.8



#63
Toluene-d8
Concen: 29.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039225.D
Acq: 15 Dec 2023 11:33

Tgt Ion: 98 Resp: 110201
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.4

