

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045025.D
 Acq On : 24 Feb 2025 12:20
 Operator : JC/MD
 Sample : VX0224WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224WBL01

Quant Time: Feb 25 00:30:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	19274	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	100345	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	86987	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	55082	29.424	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.067%
60) 4-Bromofluorobenzene	11.079	95	45953	28.263	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.200%
63) Toluene-d8	8.646	98	149824	31.134	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.767%

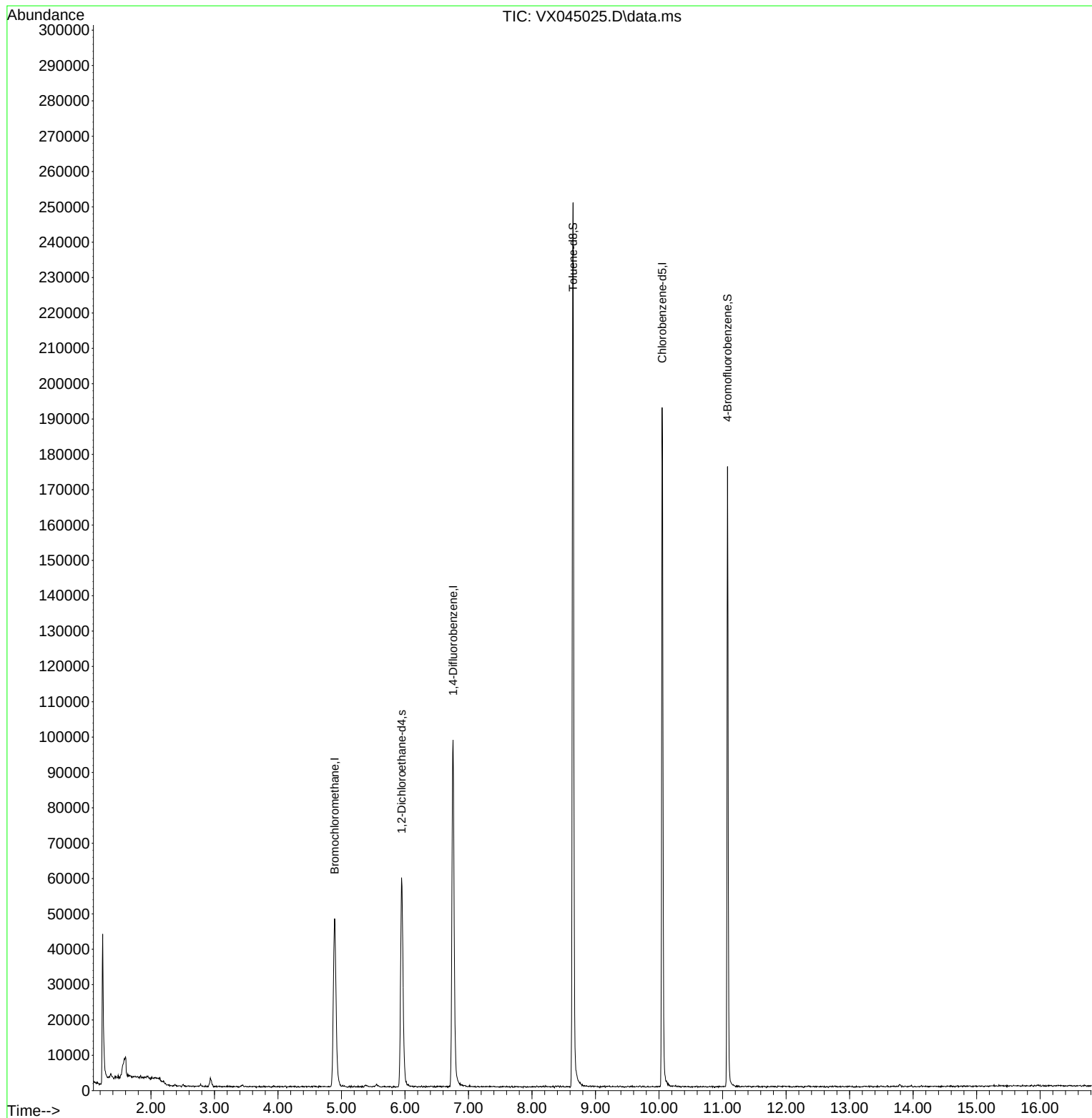
Target Compounds	Qvalue

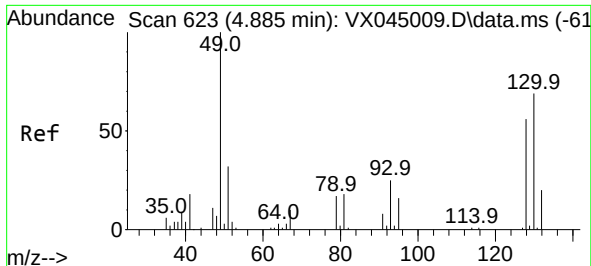
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX045025.D

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MSVOA_X

ClientSampleId :

VX0224WBL01

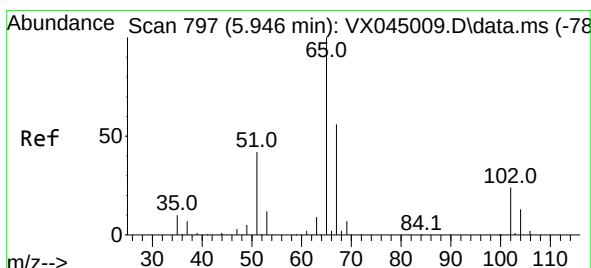
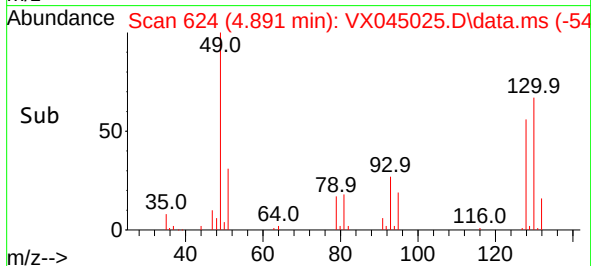
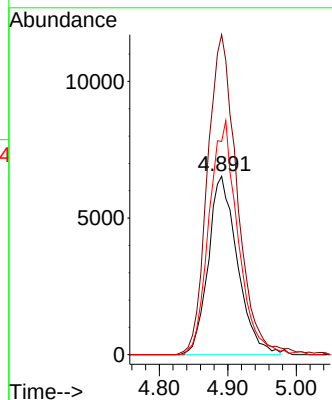
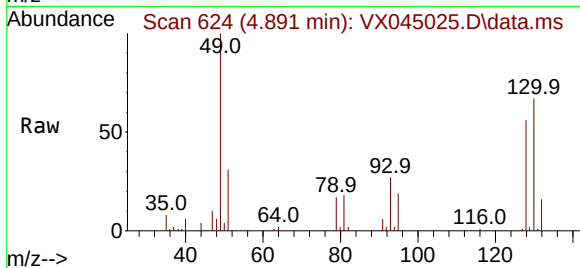
Tgt Ion:128 Resp: 19274

Ion Ratio Lower Upper

128 100

49 183.6 0.0 449.7

130 130.0 0.0 312.7



#27

1,2-Dichloroethane-d4

Concen: 29.424 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045025.D

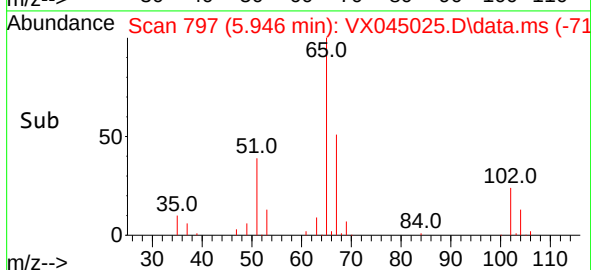
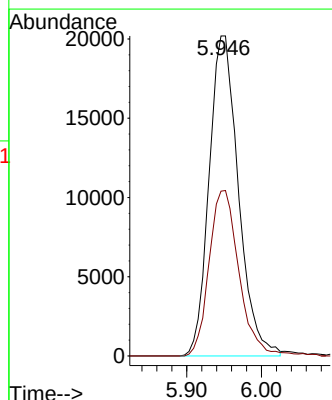
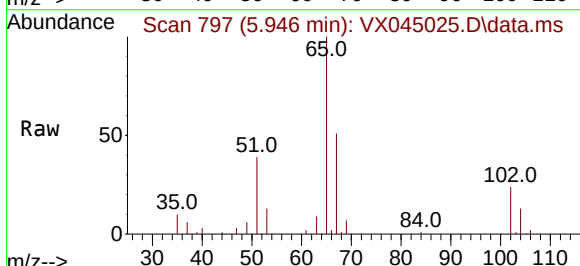
Acq: 24 Feb 2025 12:20

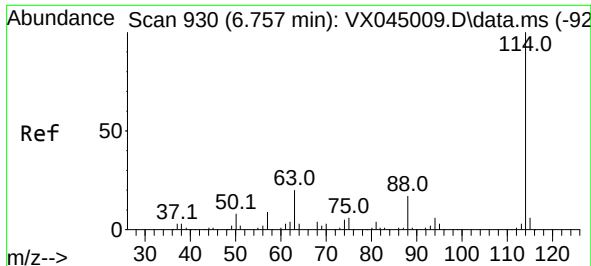
Tgt Ion: 65 Resp: 55082

Ion Ratio Lower Upper

65 100

67 52.7 42.6 64.0

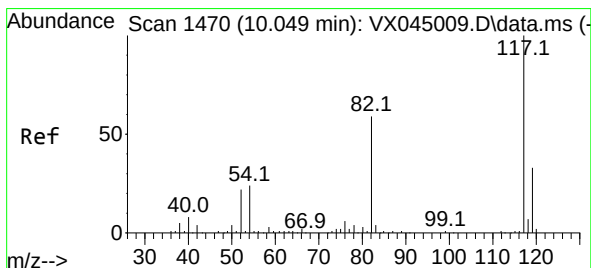
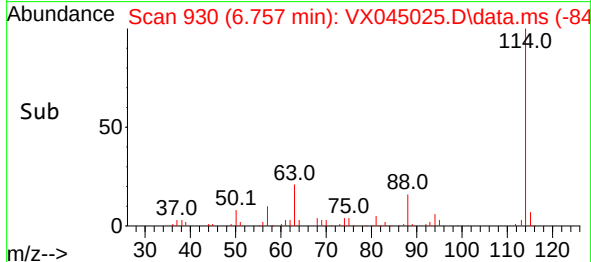
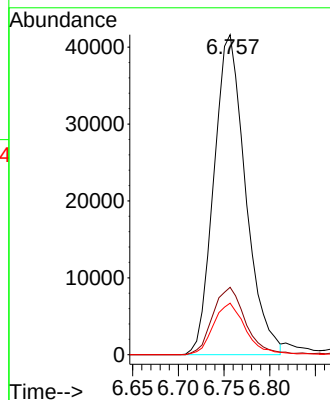
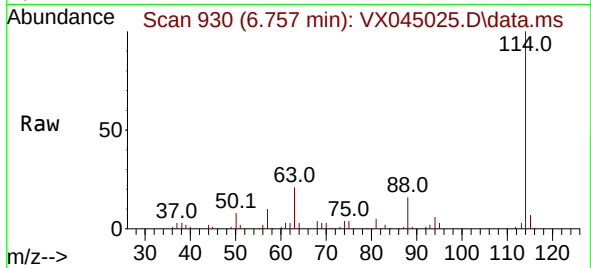




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

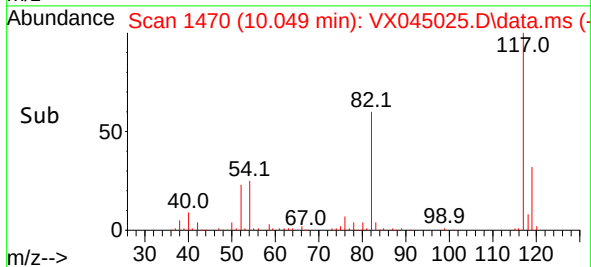
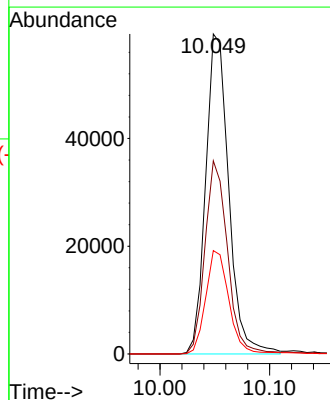
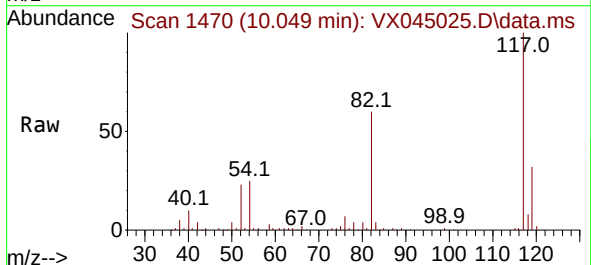
Instrument :
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VX0224WBL01

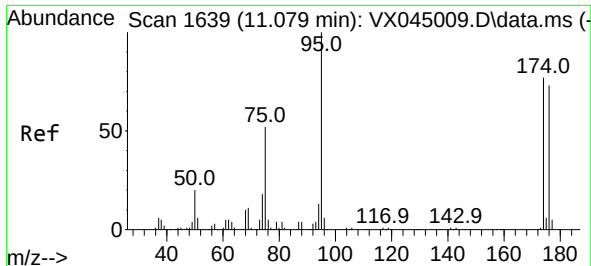
Tgt Ion:114 Resp: 100345
Ion Ratio Lower Upper
114 100
63 21.6 16.8 25.2
88 16.4 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion:117 Resp: 86987
Ion Ratio Lower Upper
117 100
82 59.5 45.8 68.8
119 32.8 25.5 38.3

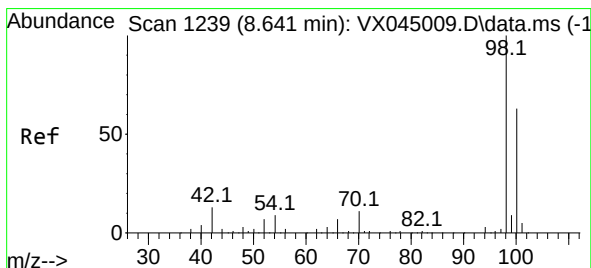
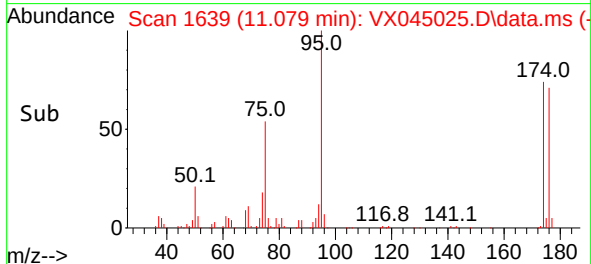
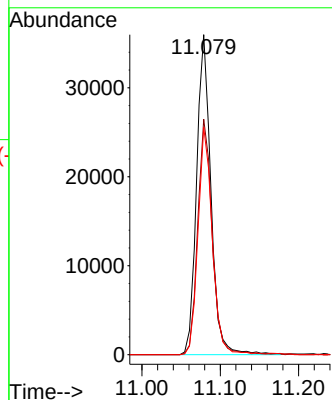
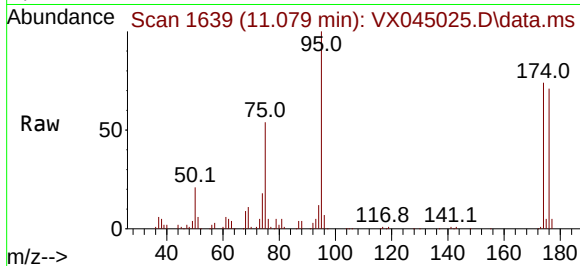




#60
4-Bromofluorobenzene
Concen: 28.263 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0224WBL01

Tgt Ion: 95 Resp: 45953
Ion Ratio Lower Upper
95 100
174 73.6 59.5 89.3
176 70.4 55.5 83.3



#63
Toluene-d8
Concen: 31.134 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045025.D
Acq: 24 Feb 2025 12:20

Tgt Ion: 98 Resp: 149824
Ion Ratio Lower Upper
98 100
100 66.3 51.7 77.5

