

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046780.D
 Acq On : 20 Jun 2025 13:40
 Operator : JC/MD
 Sample : VX0620WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 23:14:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	22702m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	146040	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	133167	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	57794	31.450	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.833%
60) 4-Bromofluorobenzene	11.079	95	62355	27.780	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.600%
63) Toluene-d8	8.647	98	170060	28.590	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.300%

Target Compounds	Qvalue

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

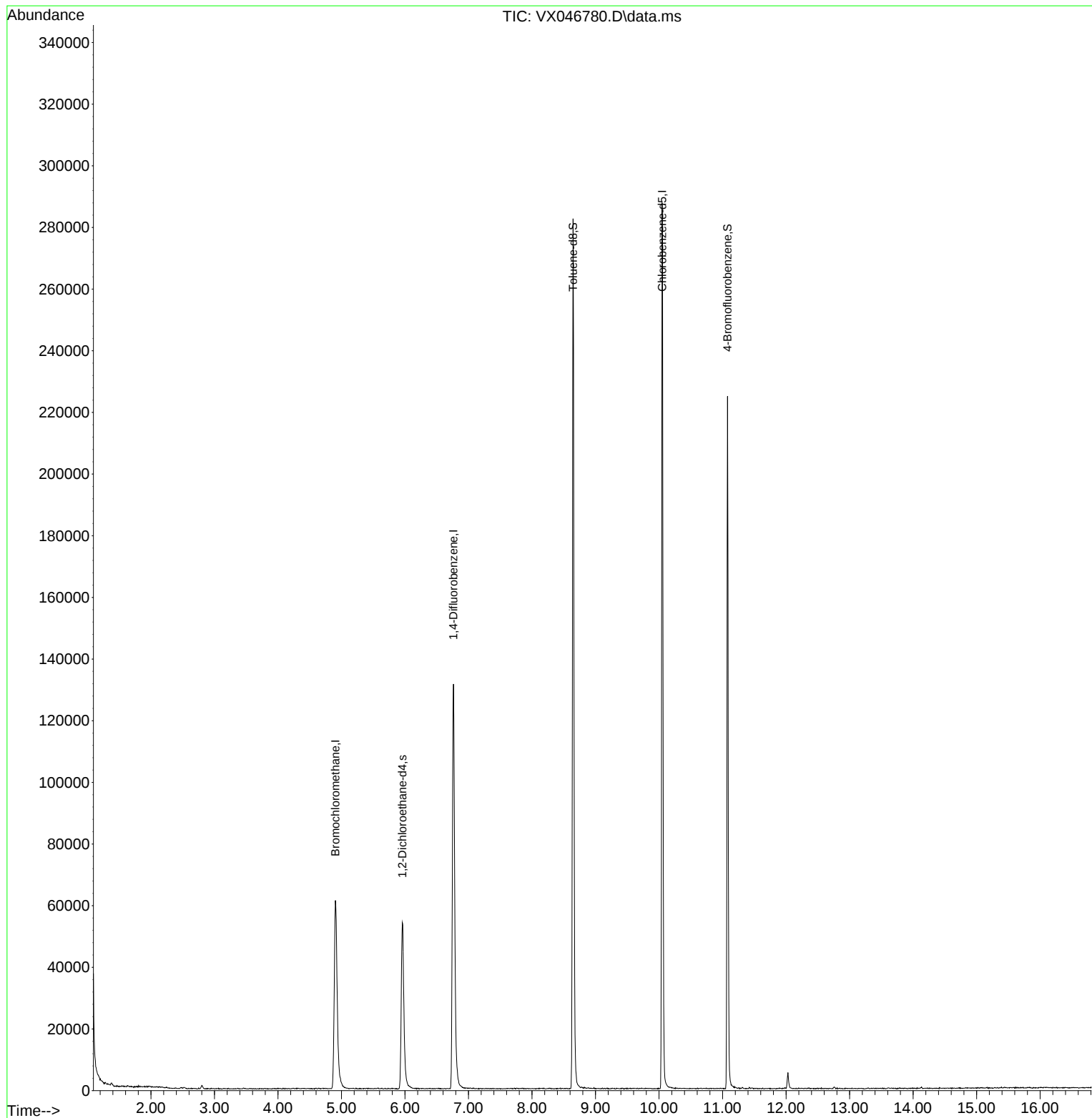
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
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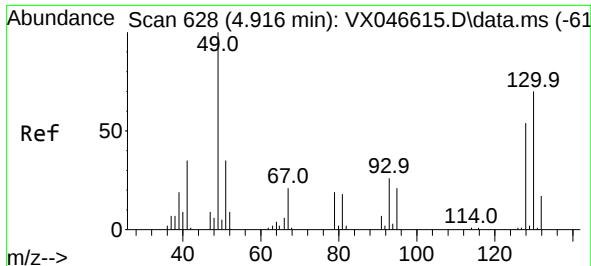
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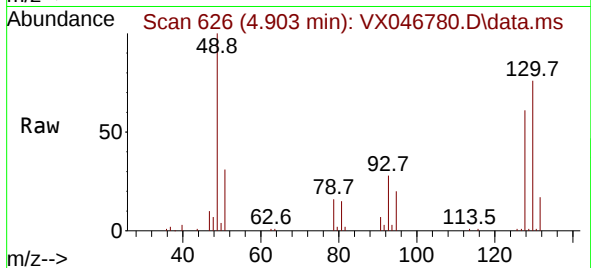
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.903 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX046780.D
Acq: 20 Jun 2025 13:40

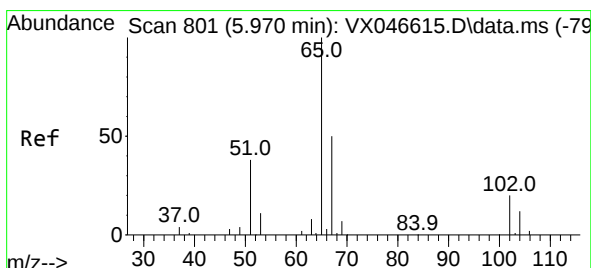
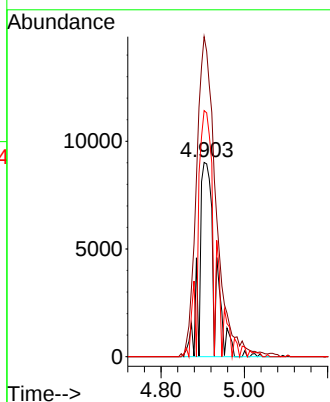
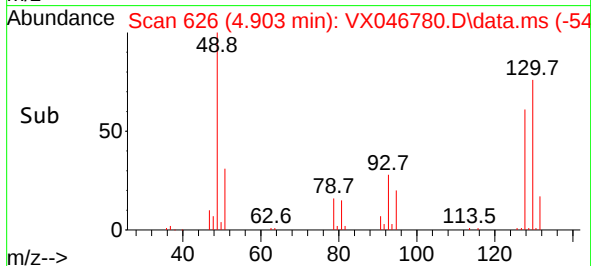
Instrument :
MSVOA_X
ClientSampleId :
VX0620WBL01



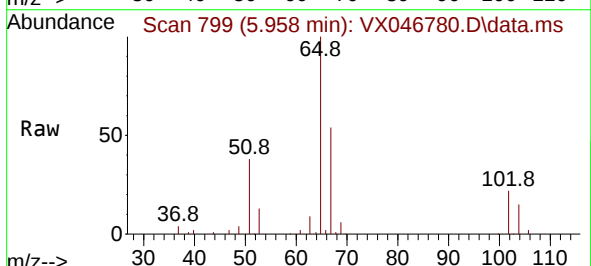
Tgt Ion:128 Resp: 2270
Ion Ratio Lower Upper
128 100
49 205.3 0.0 448.3
130 98.0 0.0 312.0

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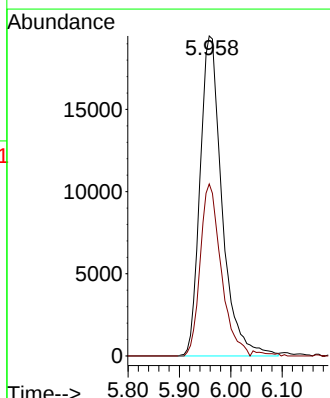
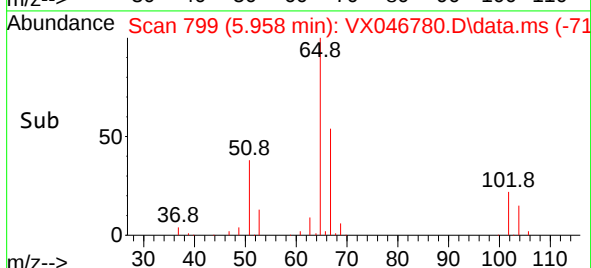
Reviewed By :John Carlone 06/23/2025
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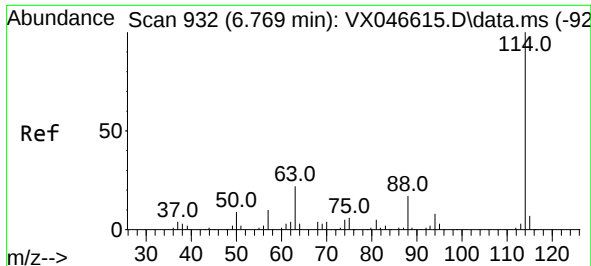


#27
1,2-Dichloroethane-d4
Concen: 31.450 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX046780.D
Acq: 20 Jun 2025 13:40



Tgt Ion: 65 Resp: 57794
Ion Ratio Lower Upper
65 100
67 51.1 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX046780.D

Acq: 20 Jun 2025 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0620WBL01

Tgt Ion:114 Resp: 146040

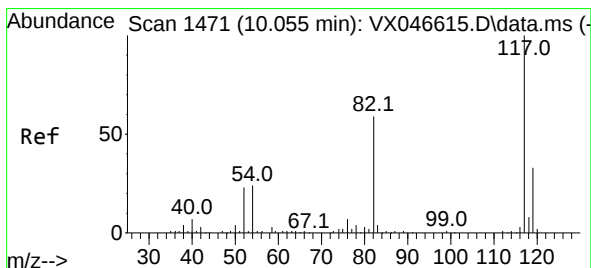
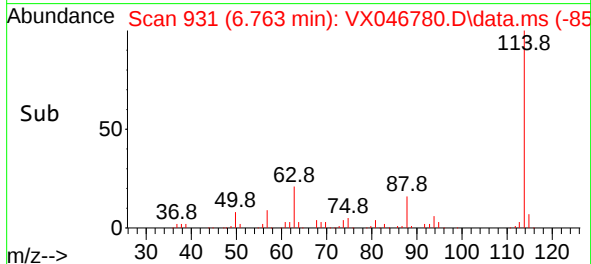
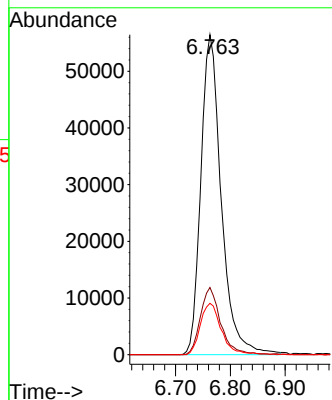
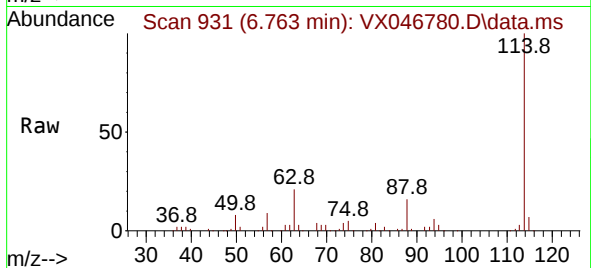
Ion	Ratio	Lower	Upper
114	100		
63	20.6	18.1	27.1
88	16.3	14.1	21.1

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

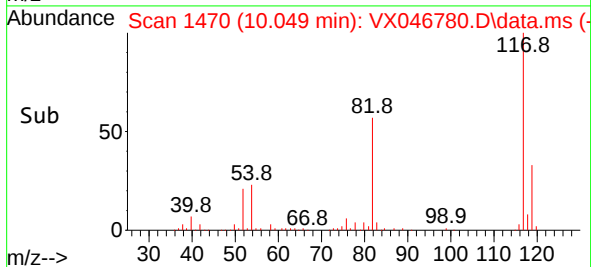
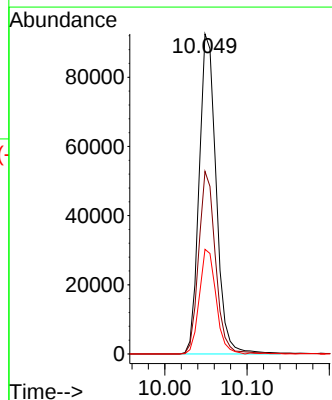
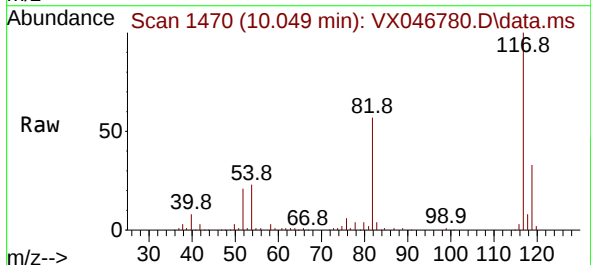
Delta R.T. -0.006 min

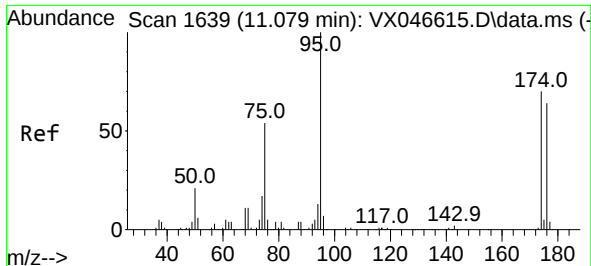
Lab File: VX046780.D

Acq: 20 Jun 2025 13:40

Tgt Ion:117 Resp: 133167

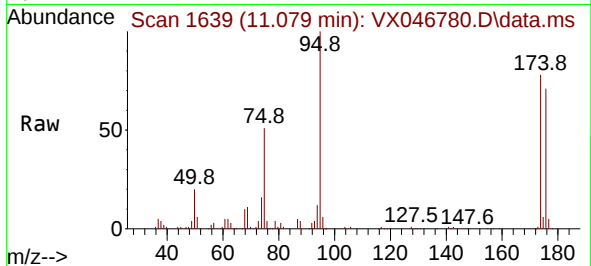
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.5	69.7
119	32.1	25.8	38.6





#60
4-Bromofluorobenzene
Concen: 27.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046780.D
Acq: 20 Jun 2025 13:40

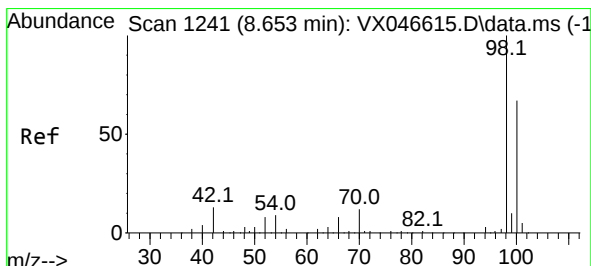
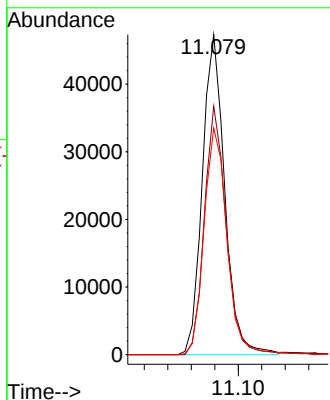
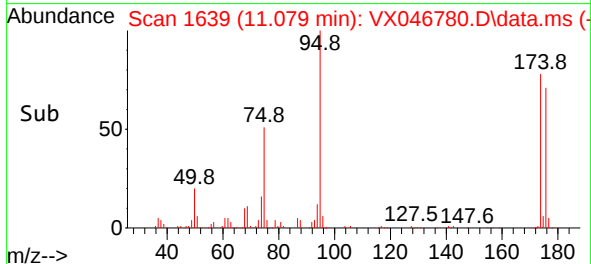
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Tgt Ion: 95 Resp: 6235
Ion Ratio Lower Upper
95 100
174 75.8 56.0 84.0
176 72.7 52.2 78.4

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#63
Toluene-d8
Concen: 28.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046780.D
Acq: 20 Jun 2025 13:40

Tgt Ion: 98 Resp: 170060
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0

