

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048057.D
 Acq On : 07 Oct 2025 18:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 08 03:11:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:46:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025

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

Internal Standards						
1) Bromochloromethane	4.891	128	21527m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	153921	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.037	117	144792	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	70741	33.010	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.033%#
60) 4-Bromofluorobenzene	11.067	95	68944	29.109	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.033%
63) Toluene-d8	8.635	98	188026m	29.141	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.133%

Target Compounds	Qvalue

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

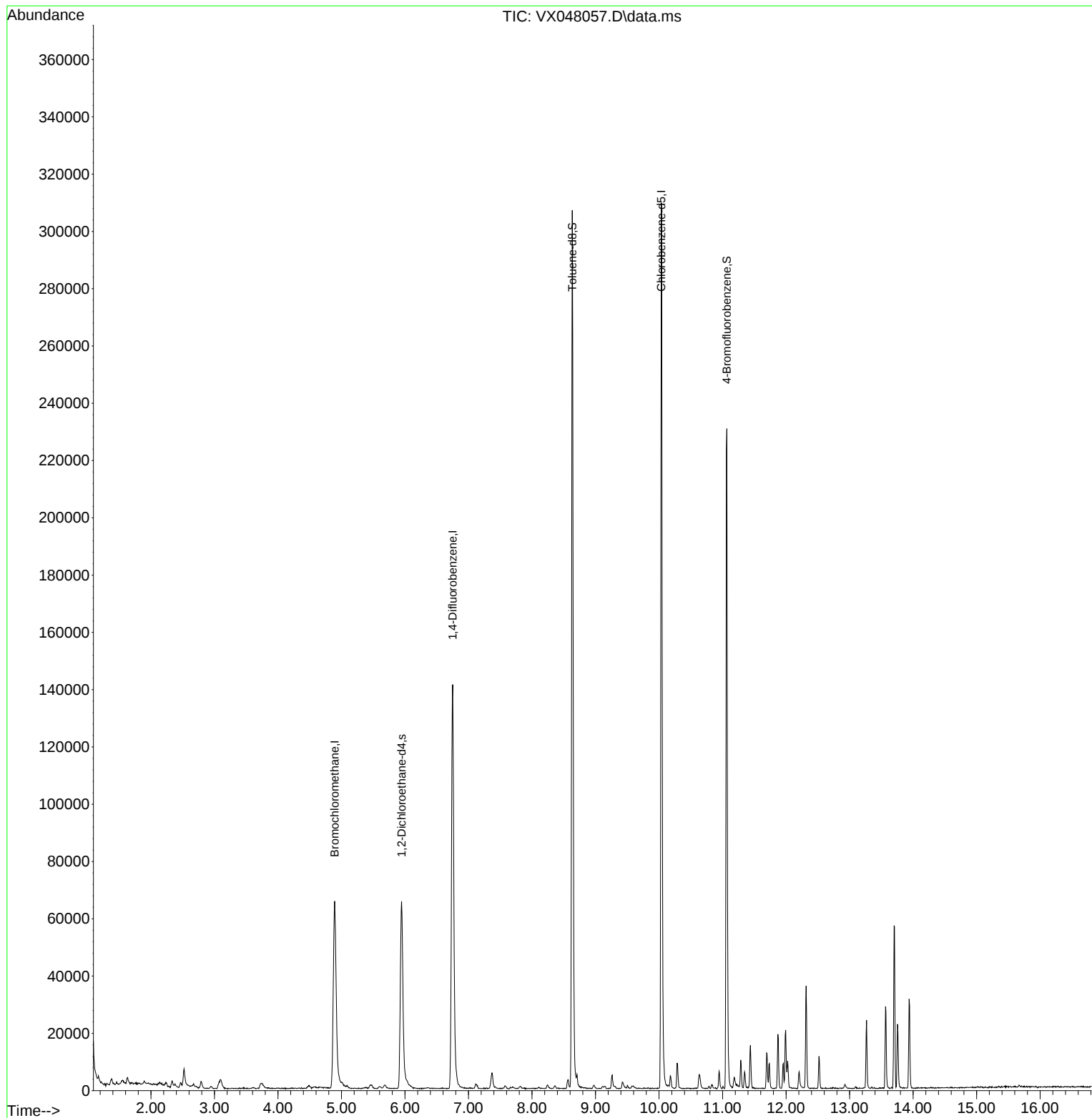
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048057.D
Acq On : 07 Oct 2025 18:45
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

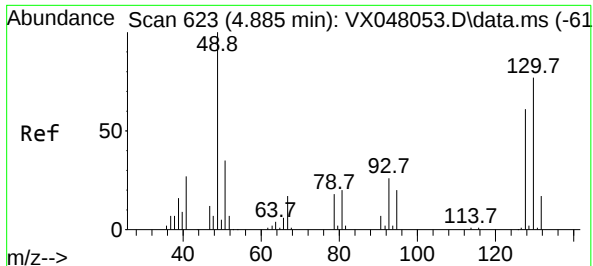
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/08/2025
Supervised By : Mahesh Dadoda 10/09/2025

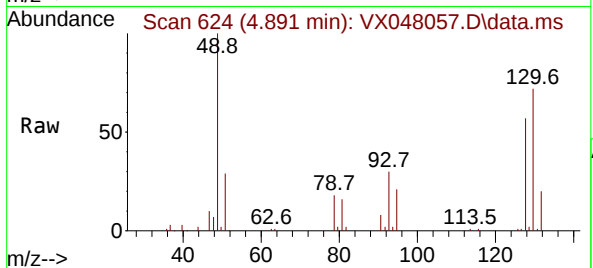
Quant Time: Oct 08 03:11:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 08 02:46:46 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45

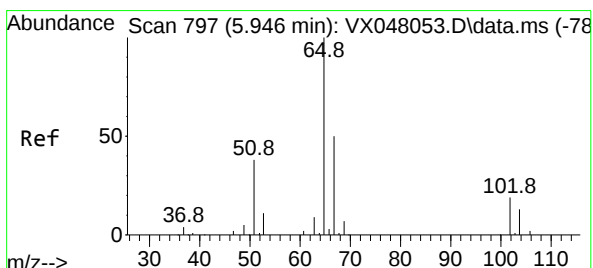
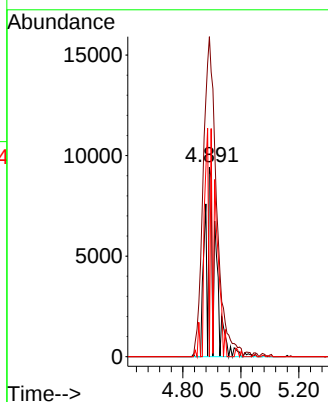
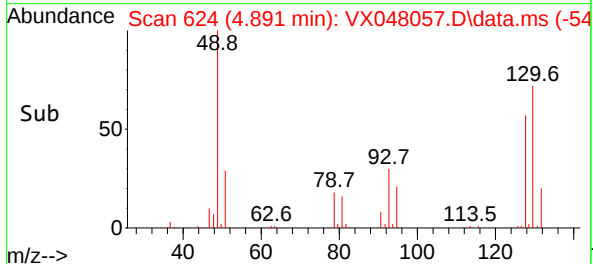
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 2152
Ion Ratio Lower Upper
128 100
49 0.9 0.0 601.2
130 0.3 0.0 286.0

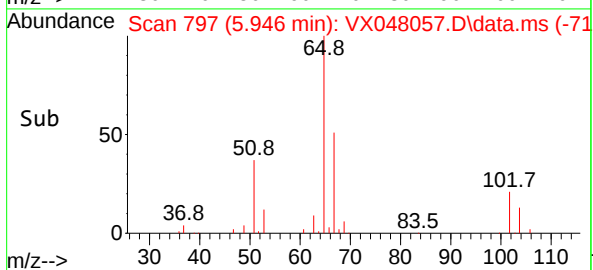
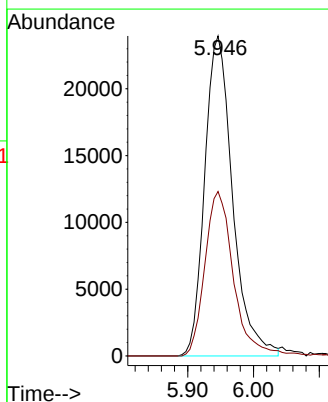
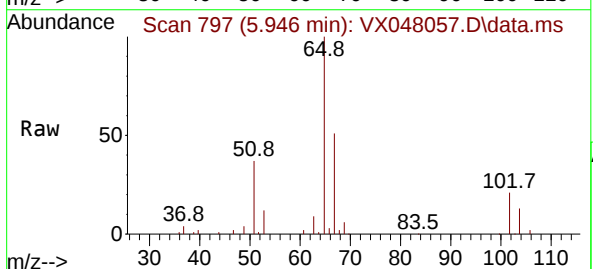
Manual Integrations
APPROVED

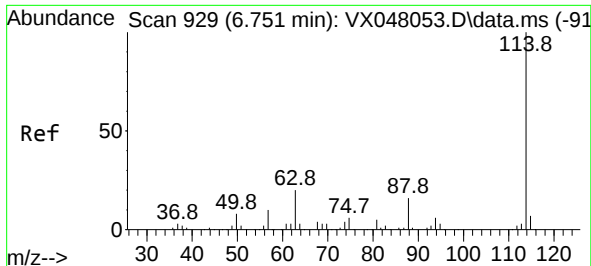
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#27
1,2-Dichloroethane-d4
Concen: 33.010 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45

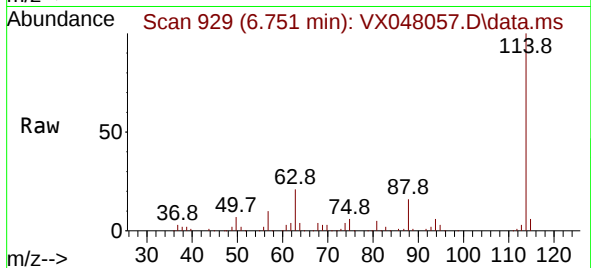
Tgt Ion: 65 Resp: 70741
Ion Ratio Lower Upper
65 100
67 52.3 41.0 61.4





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45

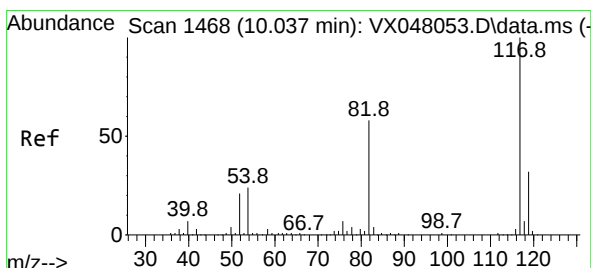
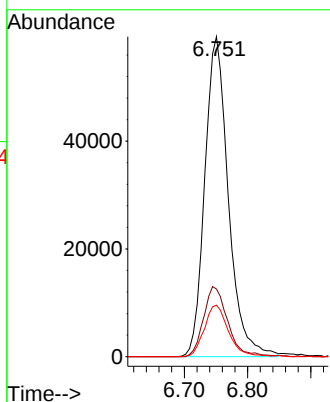
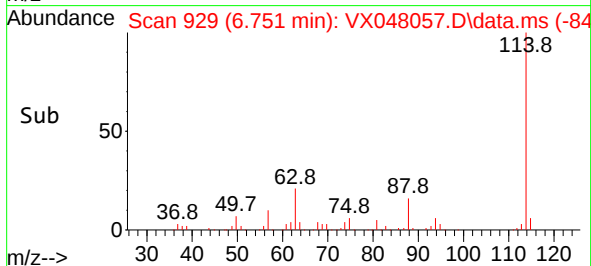
Instrument :
MSVOA_X
ClientSampleId :
IBLK



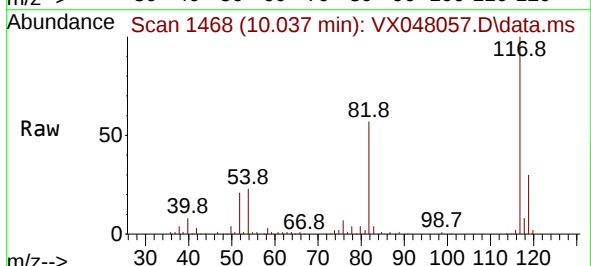
Tgt Ion:114 Resp: 15392
Ion Ratio Lower Upper
114 100
63 22.3 17.4 26.0
88 16.4 12.8 19.2

Manual Integrations
APPROVED

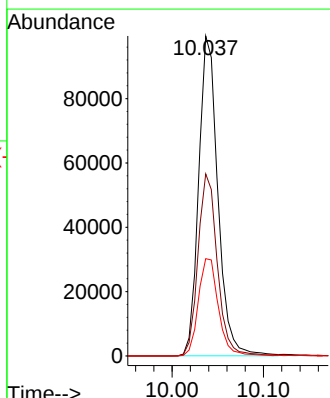
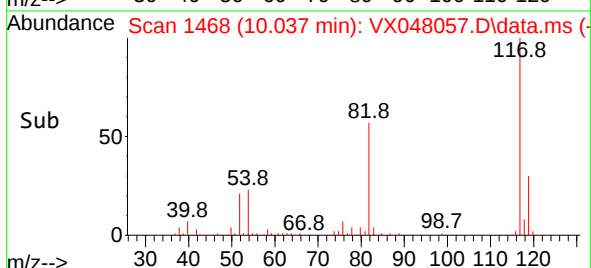
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

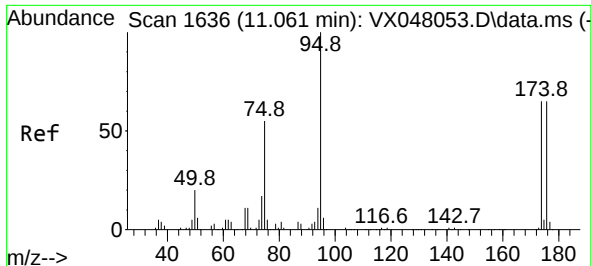


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45



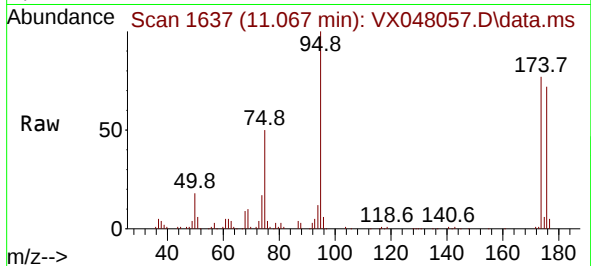
Tgt Ion:117 Resp: 144792
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.8 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 29.109 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45

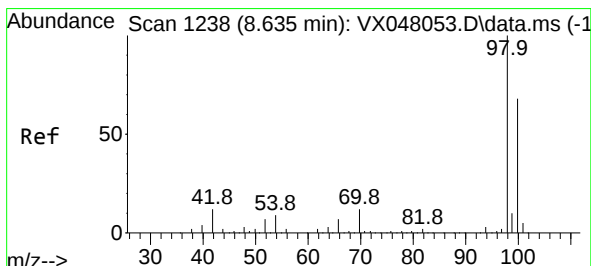
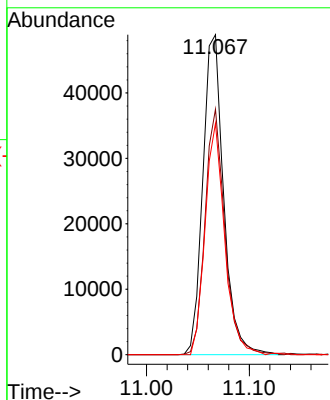
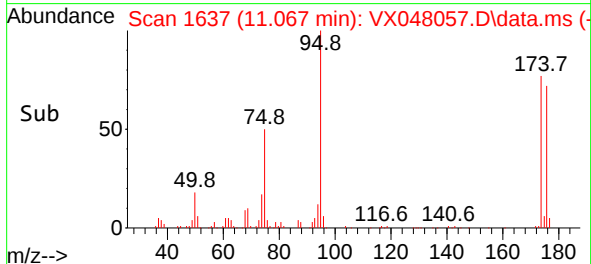
Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 68944
Ion Ratio Lower Upper
95 100
174 72.7 55.8 83.8
176 68.2 55.0 82.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#63
Toluene-d8
Concen: 29.141 ug/l m
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048057.D
Acq: 07 Oct 2025 18:45

Tgt Ion: 98 Resp: 188026
Ion Ratio Lower Upper
98 100
100 0.0 54.1 81.1#

