

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047147.D
 Acq On : 25 Jul 2025 17:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 26 05:47:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 05:39:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

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

Internal Standards						
1) Bromochloromethane	4.916	128	46061m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	356028	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	325180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	144815	24.898	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	83.000%#
60) 4-Bromofluorobenzene	11.079	95	162963	30.756	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.533%
63) Toluene-d8	8.653	98	419892	29.646	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.833%

Target Compounds	Qvalue

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

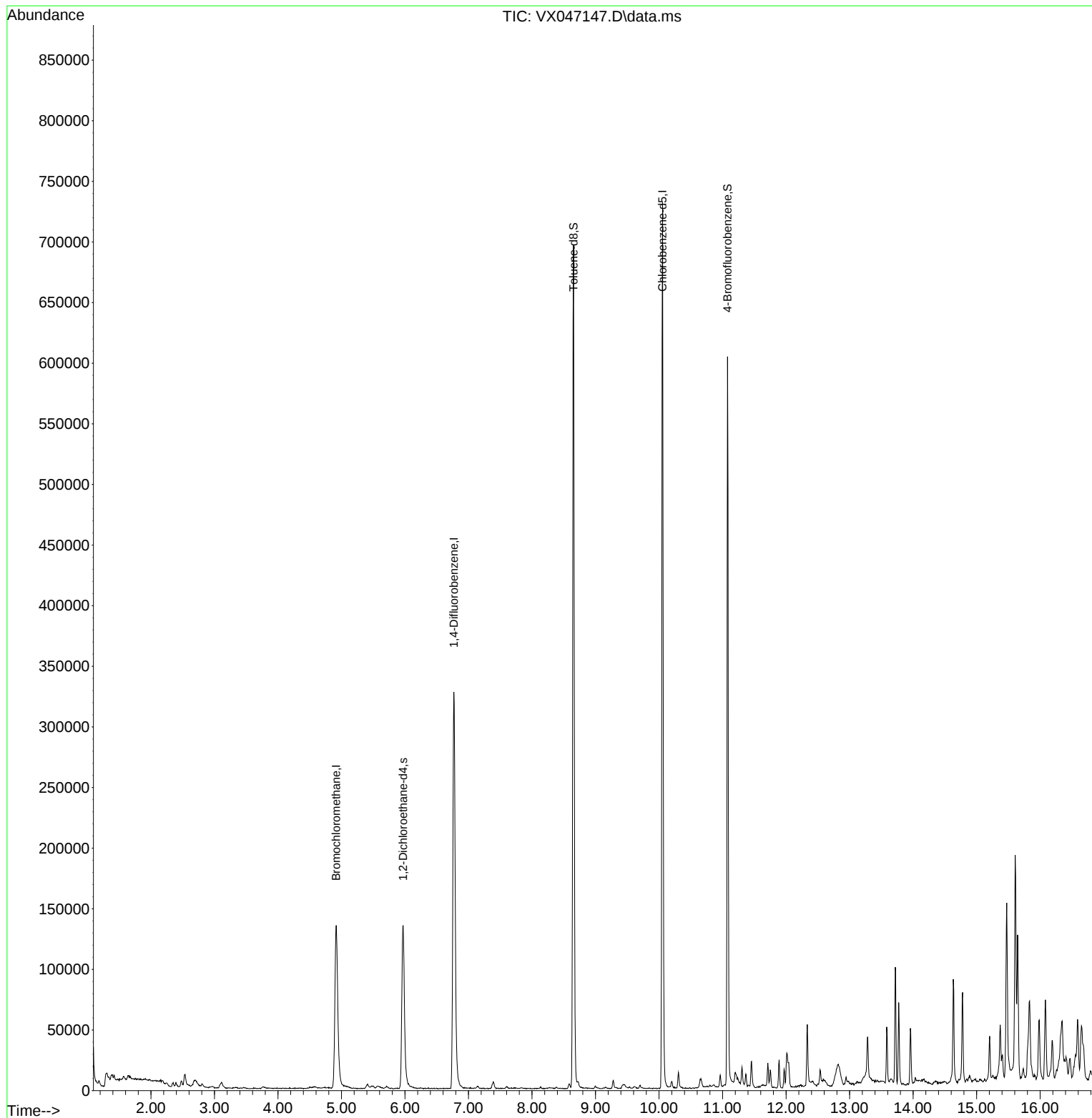
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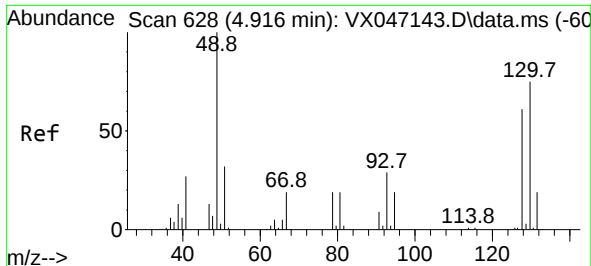
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jul 26 05:47:22 2025
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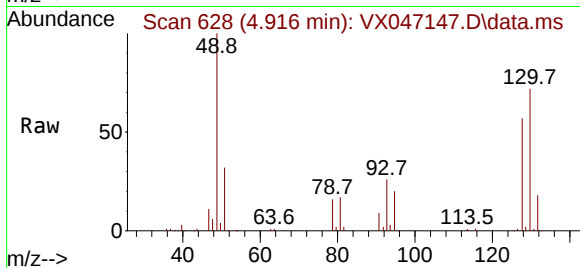
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

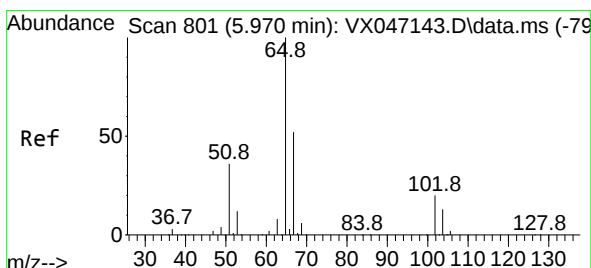
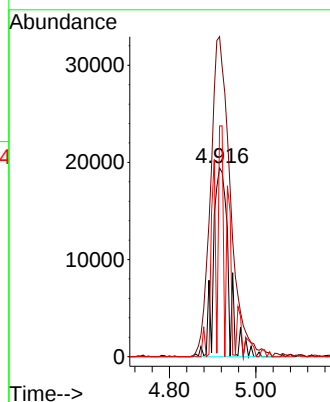
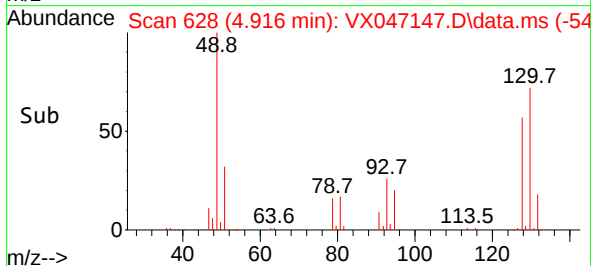
Instrument :
MSVOA_X
ClientSampleId :
IBLK



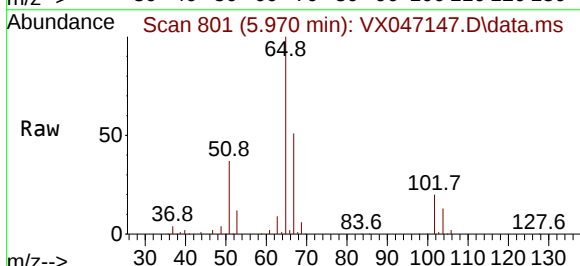
Tgt Ion:128 Resp: 4606
Ion Ratio Lower Upper
128 100
49 225.6 0.0 0.0
130 37.7 0.0 0.0

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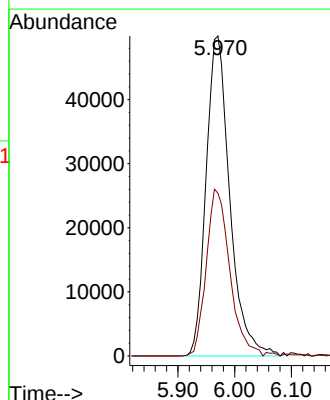
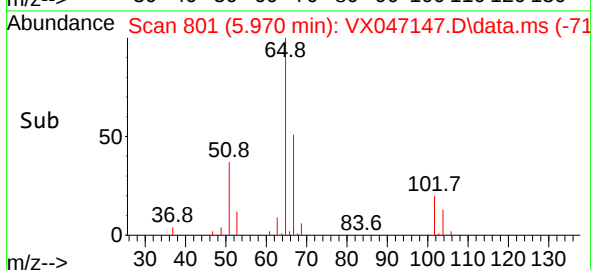
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Supervised By :Mahesh Dadoda 07/28/2025

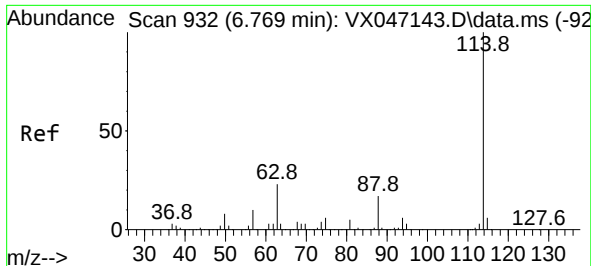


#27
1,2-Dichloroethane-d4
Concen: 24.898 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06



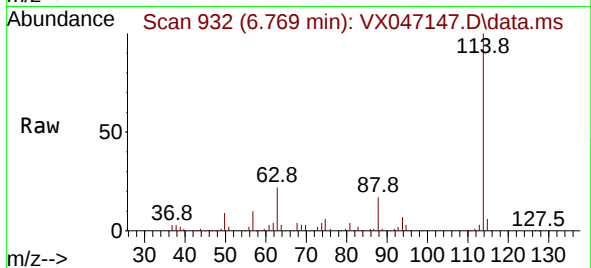
Tgt Ion: 65 Resp: 144815
Ion Ratio Lower Upper
65 100
67 51.7 40.7 61.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

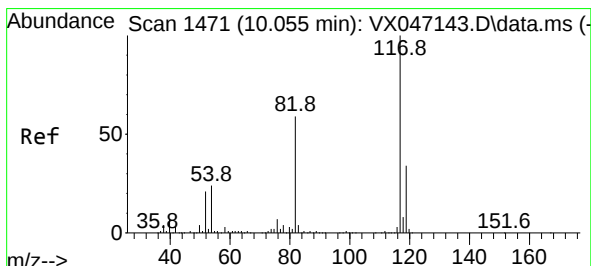
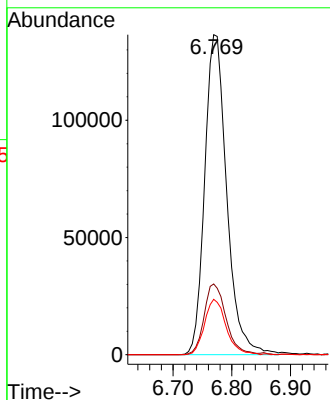
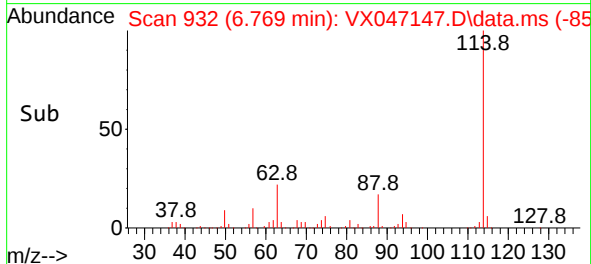
Instrument :
MSVOA_X
ClientSampleId :
IBLK



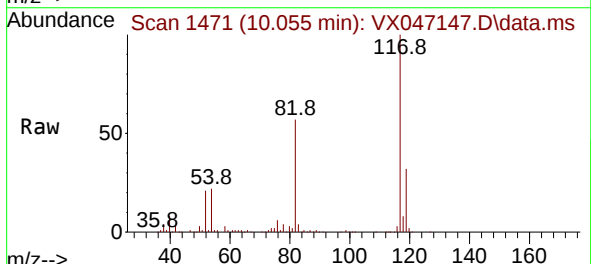
Tgt Ion:114 Resp: 356028
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.0
88 16.9 13.0 19.6

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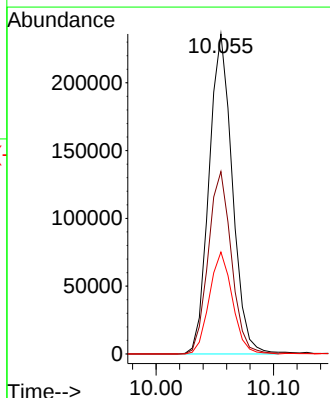
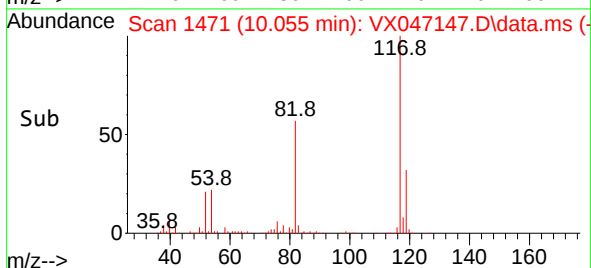
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

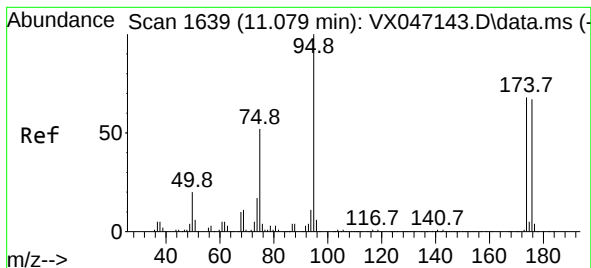


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06



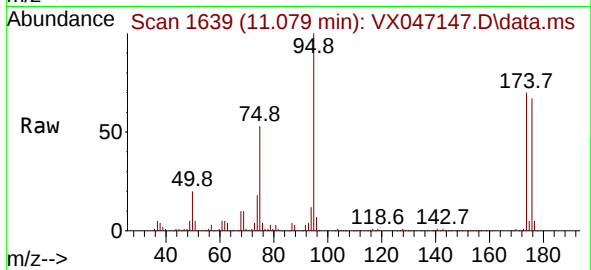
Tgt Ion:117 Resp: 325180
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.6 25.8 38.8





#60
4-Bromofluorobenzene
Concen: 30.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

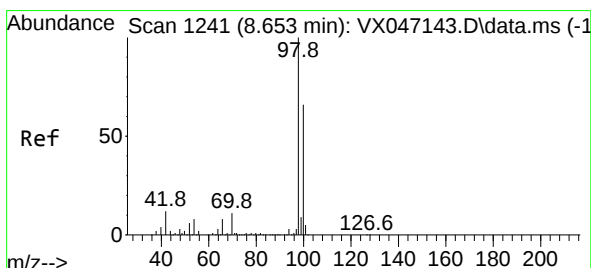
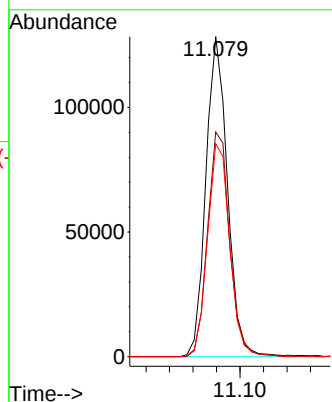
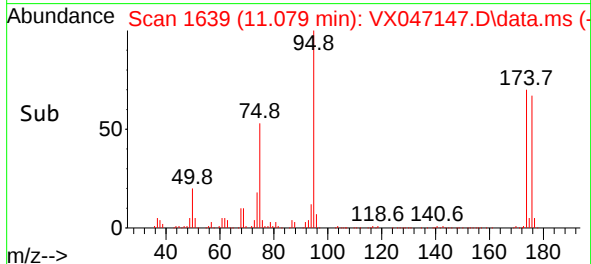
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Tgt Ion: 95 Resp: 162963
Ion Ratio Lower Upper
95 100
174 72.1 57.5 86.3
176 68.8 56.4 84.6

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#63
Toluene-d8
Concen: 29.646 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 98 Resp: 419892
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

