

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046669.D
 Acq On : 12 Jun 2025 17:17
 Operator : JC/MD
 Sample : Q2267-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20250605

Quant Time: Jun 13 01:46:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	69359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	121557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	60109	48.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	5.403	113	48146	53.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.720%		
50) Toluene-d8	8.653	98	147659	50.102	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.200%		
62) 4-Bromofluorobenzene	11.079	95	65278	53.534	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.060%		
Target Compounds					Qvalue	
16) Acetone	2.398	43	6505	17.772	ug/l	99
19) Methyl tert-butyl Ether	3.136	73	9695	3.365	ug/l #	54
30) Chloroform	5.123	83	7839	4.210	ug/l	97
31) Cyclohexane	5.489	56	3870	2.698	ug/l #	86
39) Methylcyclohexane	7.391	83	5016	3.328	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1818m	1.317	ug/l	
80) 1,3,5-Trimethylbenzene	11.457	105	1816	0.475	ug/l	97

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

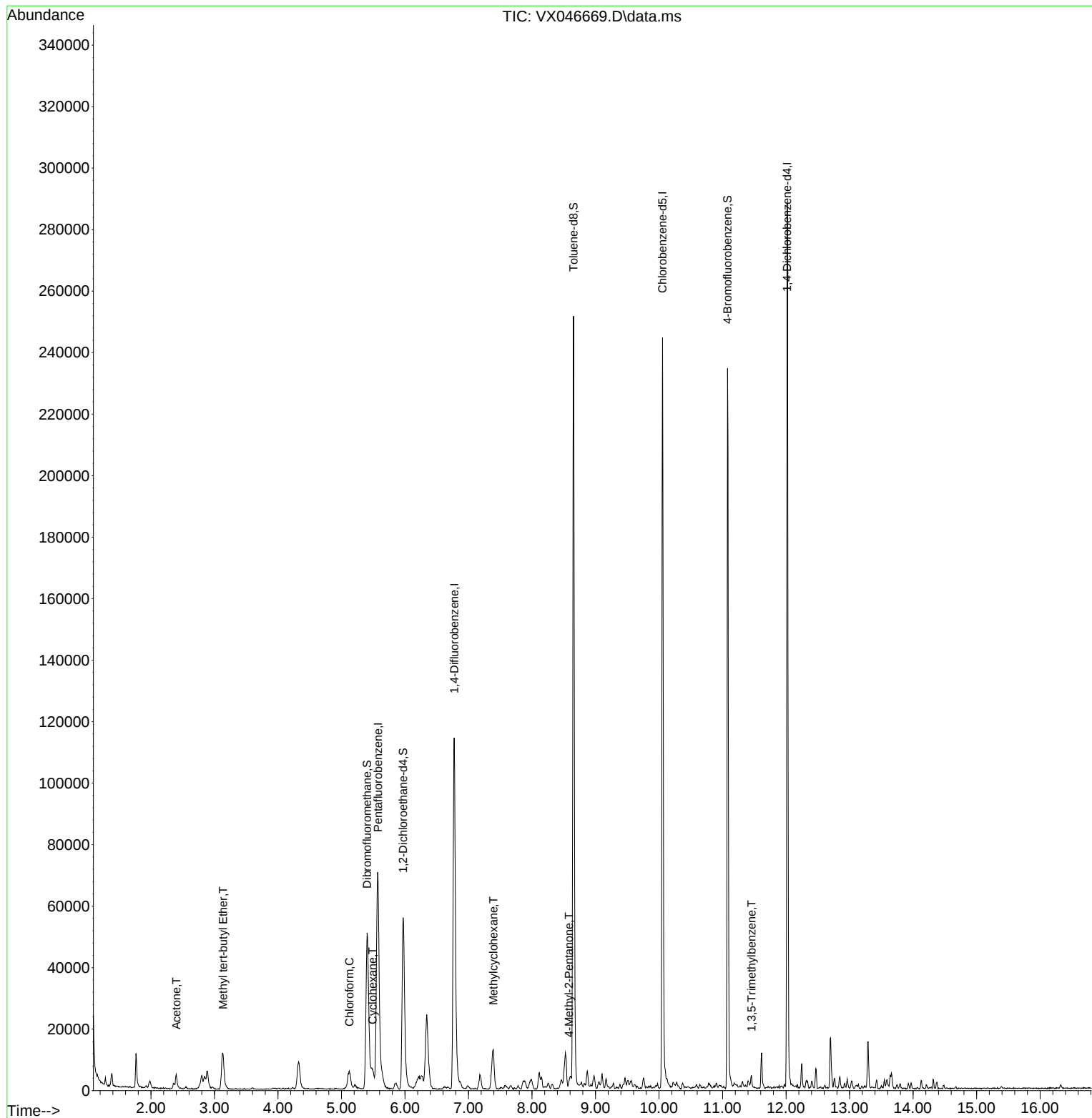
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Data File : VX046669.D
Acq On : 12 Jun 2025 17:17
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ALS Vial : 14 Sample Multiplier: 1

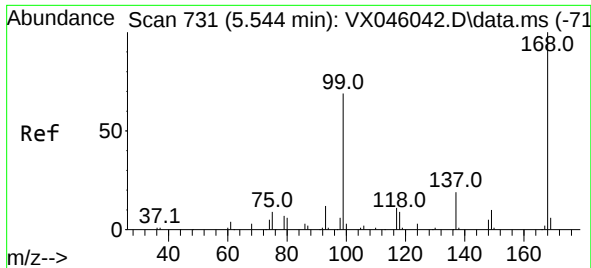
Instrument :
MSVOA_X
ClientSampleId :
WC-20250605

Quant Time: Jun 13 01:46:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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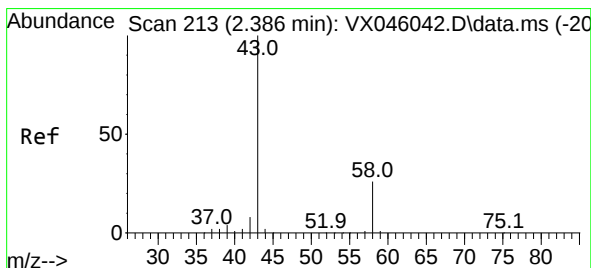
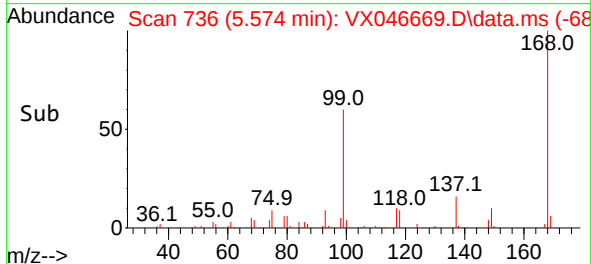
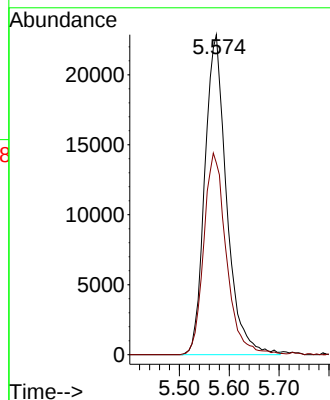
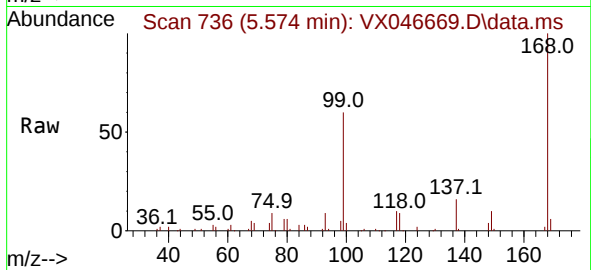
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
WC-20250605

Tgt Ion:168 Resp: 6935
Ion Ratio Lower Upper
168 100
99 59.9 54.9 82.3

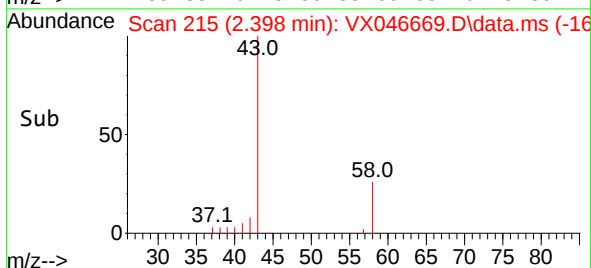
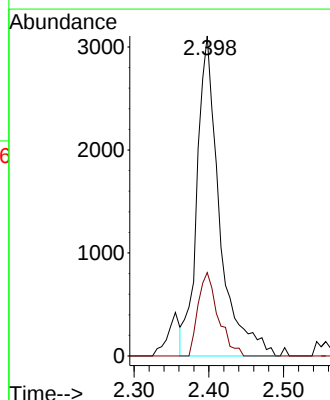
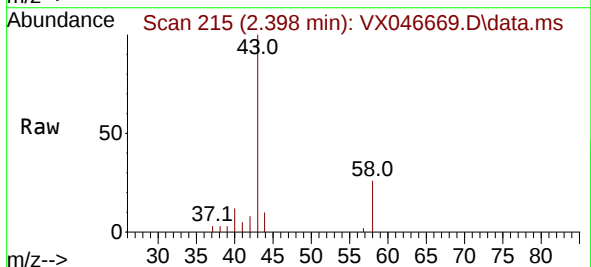
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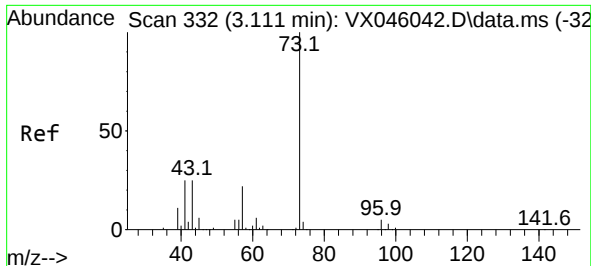
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 17.772 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Tgt Ion: 43 Resp: 6505
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8





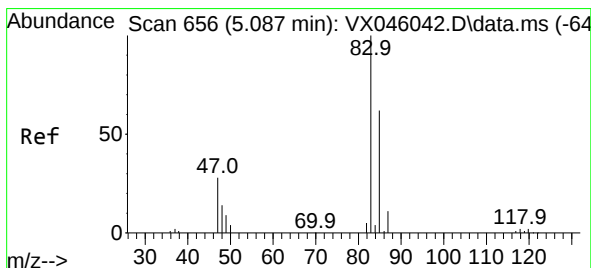
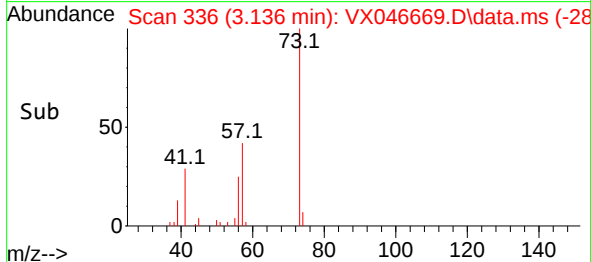
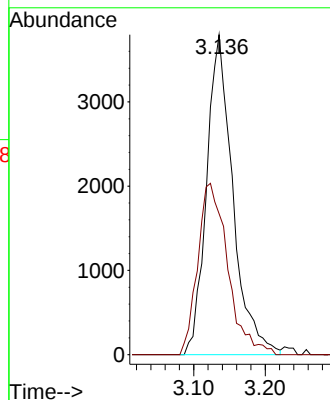
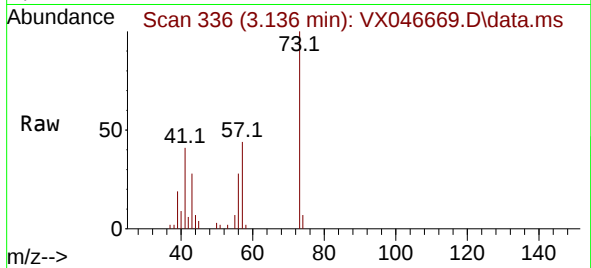
#19
Methyl tert-butyl Ether
Concen: 3.365 ug/l
RT: 3.136 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
WC-20250605

Tgt Ion: 73 Resp: 969
Ion Ratio Lower Upper
73 100
57 44.0 17.7 26.5

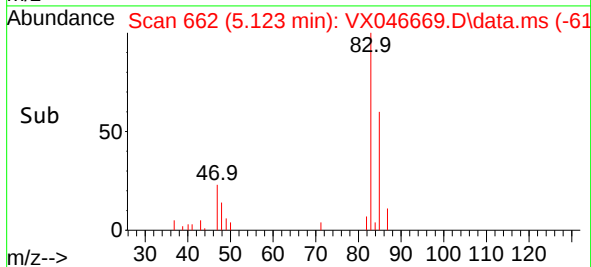
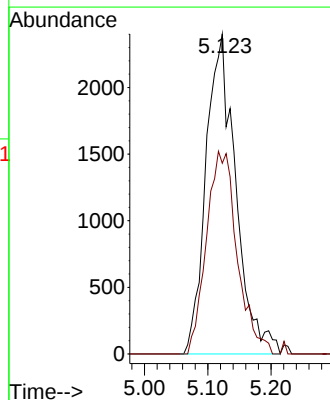
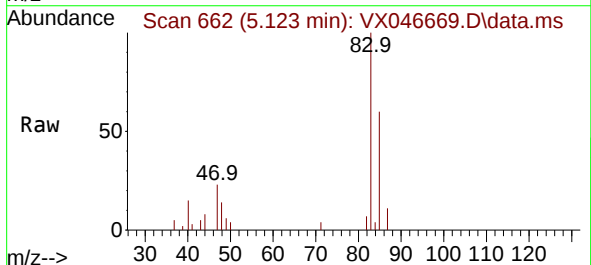
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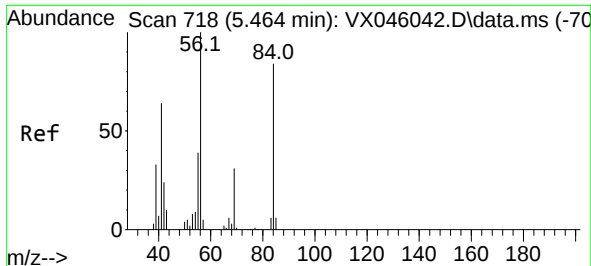
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#30
Chloroform
Concen: 4.210 ug/l
RT: 5.123 min Scan# 662
Delta R.T. 0.012 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

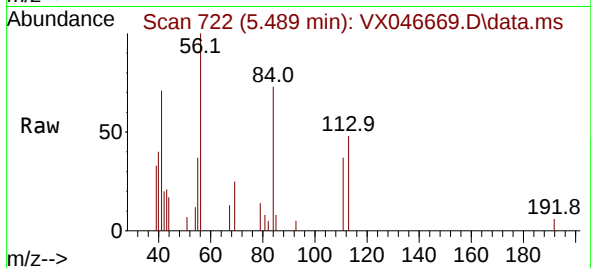
Tgt Ion: 83 Resp: 7839
Ion Ratio Lower Upper
83 100
85 59.6 49.3 73.9





#31
Cyclohexane
Concen: 2.698 ug/l
RT: 5.489 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

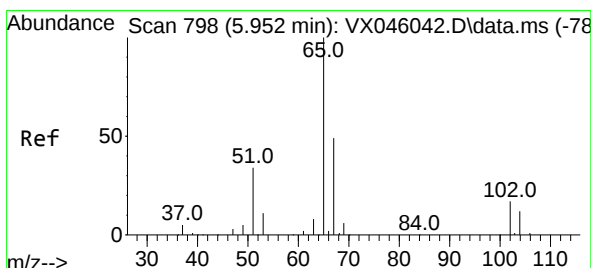
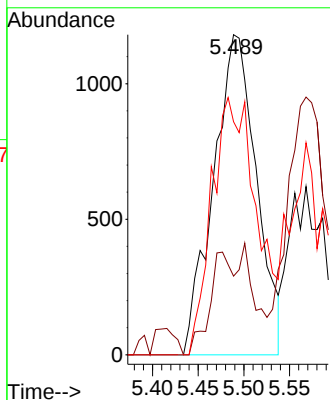
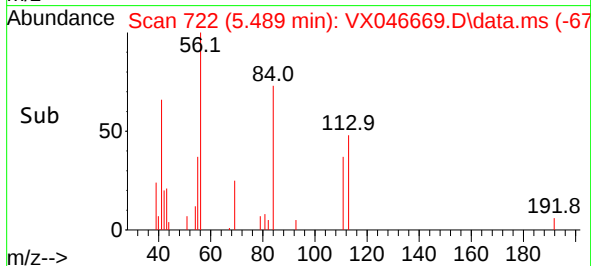
Instrument :
MSVOA_X
ClientSampleId :
WC-20250605



Tgt Ion: 56 Resp: 3870
Ion Ratio Lower Upper
56 100
69 19.8 24.4 36.6
84 72.8 66.9 100.3

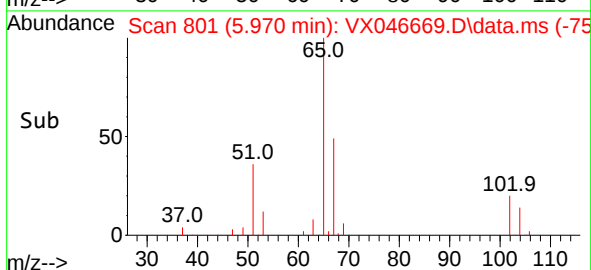
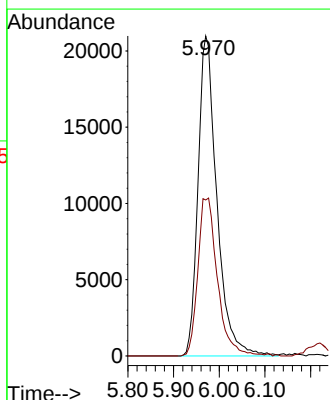
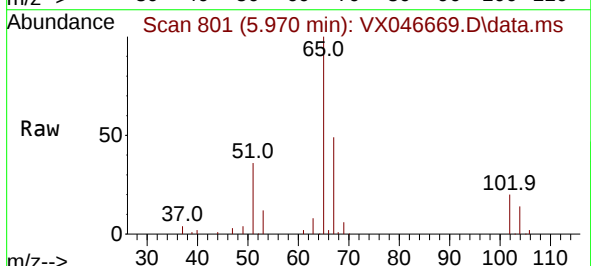
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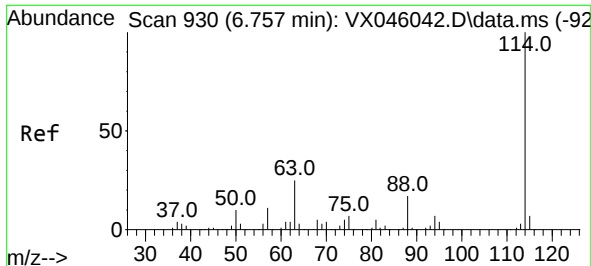
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#33
1,2-Dichloroethane-d4
Concen: 48.712 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Tgt Ion: 65 Resp: 60109
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Instrument :

MSVOA_X

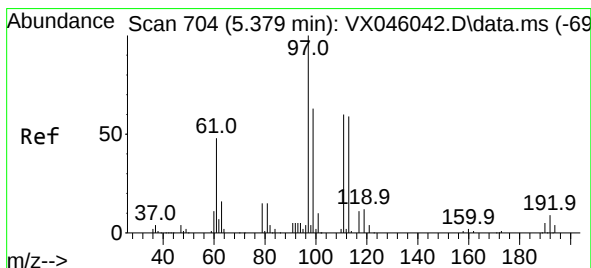
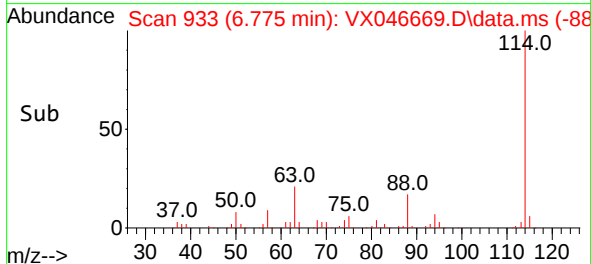
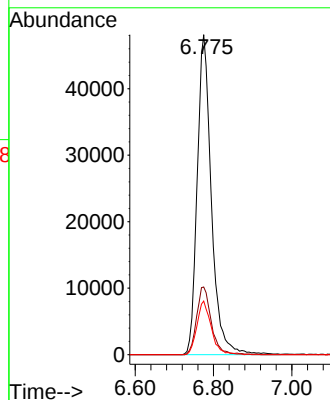
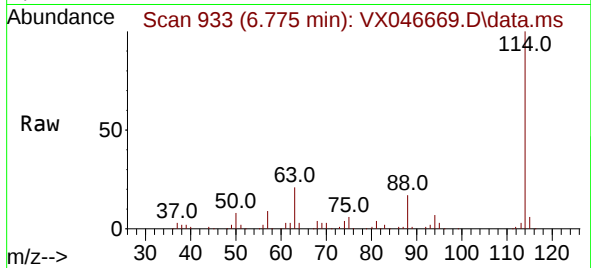
ClientSampleId :

WC-20250605

Tgt Ion:114 Resp: 12155
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.2
88 16.8 0.0 33.6

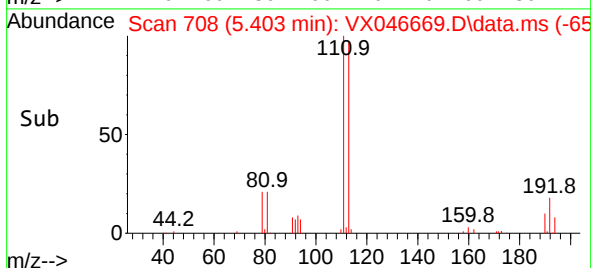
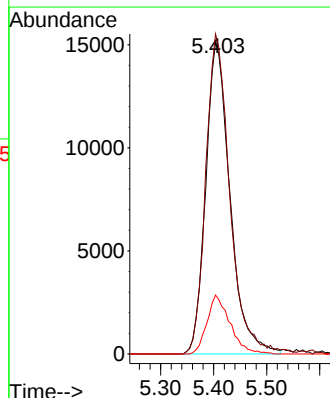
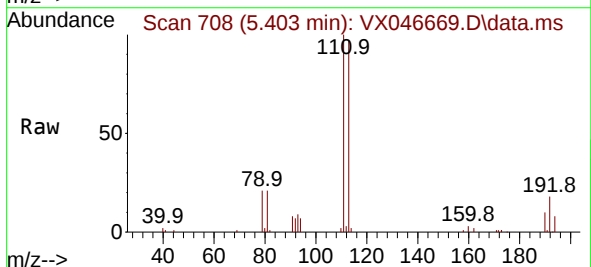
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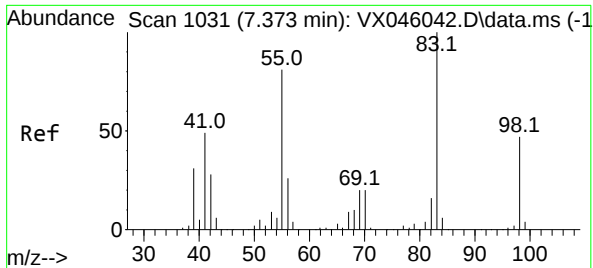
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#35
Dibromofluoromethane
Concen: 53.859 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Tgt Ion:113 Resp: 48146
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 17.9 13.3 19.9





#39

Methylcyclohexane

Concen: 3.328 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VX046669.D

Acq: 12 Jun 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

WC-20250605

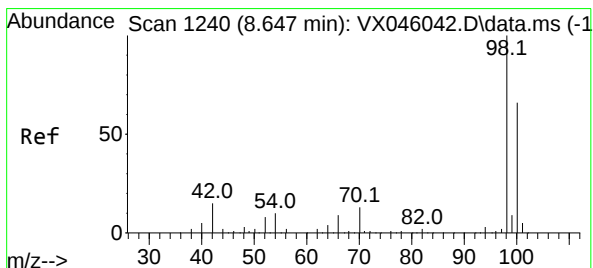
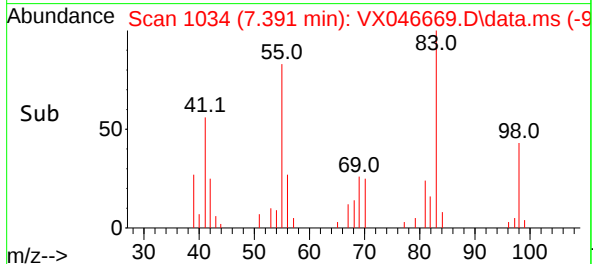
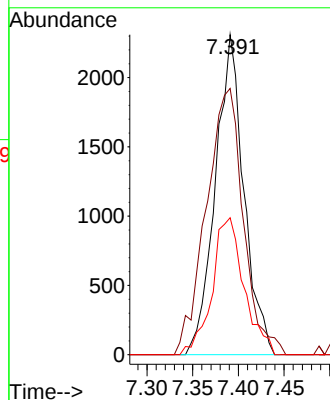
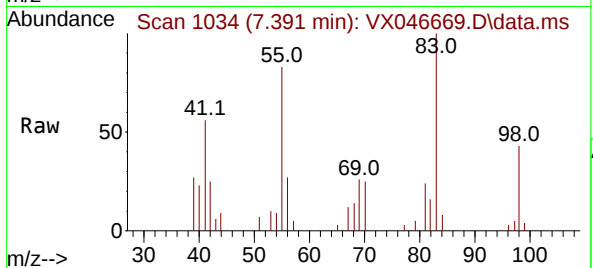
Tgt Ion: 83	Resp: 5010
Ion Ratio	Lower Upper
83	100
55	80.0 64.7 97.1
98	42.8 37.4 56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/13/2025



#50

Toluene-d8

Concen: 50.102 ug/l

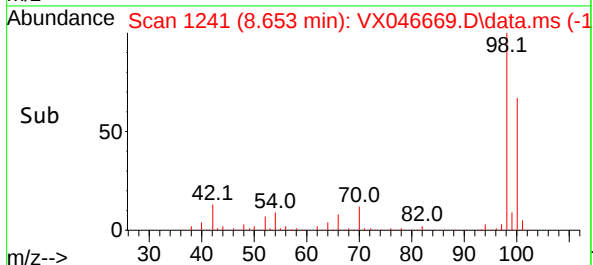
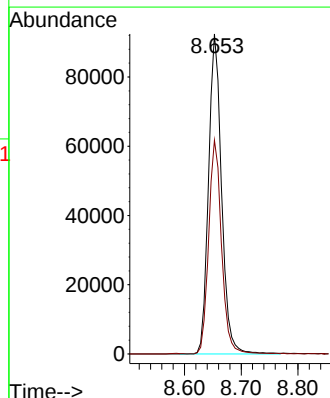
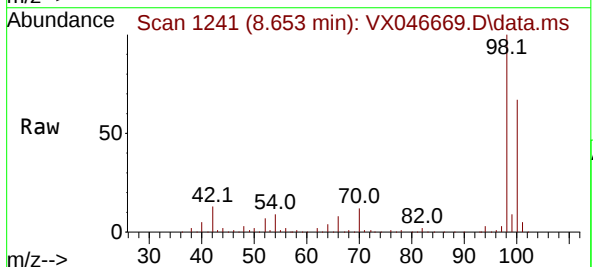
RT: 8.653 min Scan# 1241

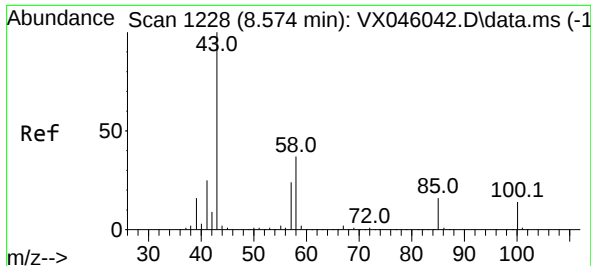
Delta R.T. -0.000 min

Lab File: VX046669.D

Acq: 12 Jun 2025 17:17

Tgt Ion: 98	Resp: 147659
Ion Ratio	Lower Upper
98	100
100	66.1 53.5 80.3





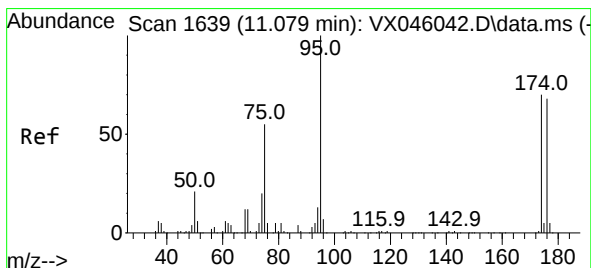
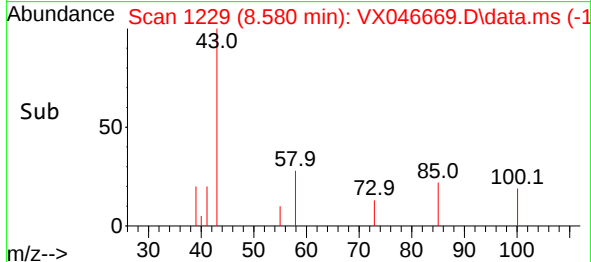
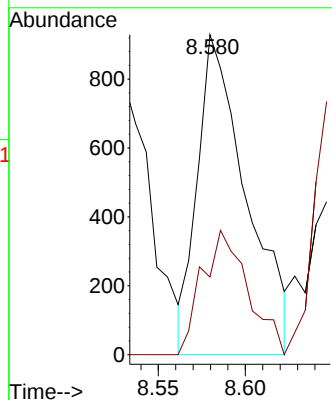
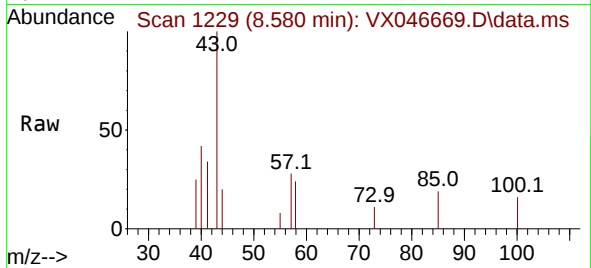
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4-Methyl-2-Pentanone
Concen: 1.317 ug/l m
RT: 8.580 min Scan# 1228
Delta R.T. 0.007 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
WC-20250605

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 36.3 28.9 43.3

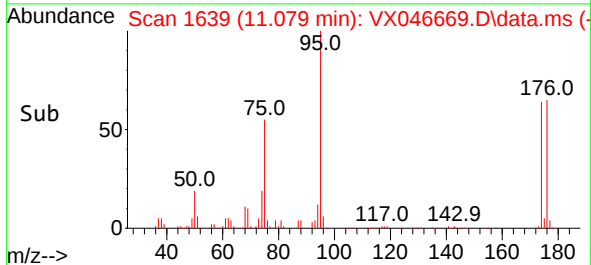
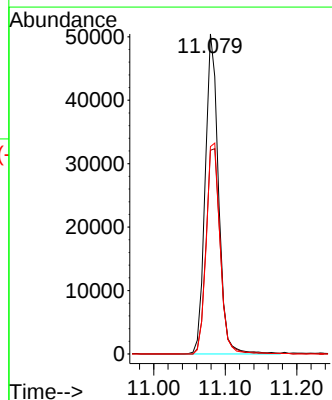
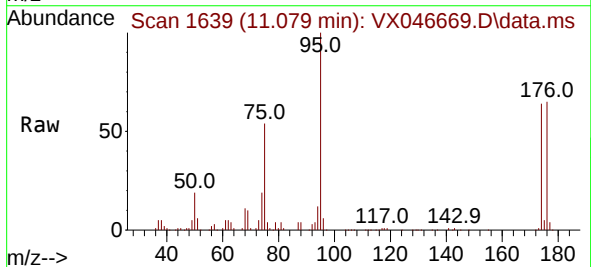
Manual Integrations
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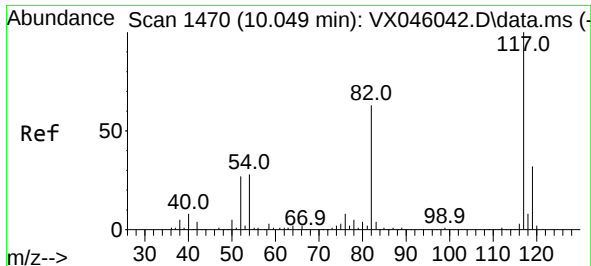
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#62
4-Bromofluorobenzene
Concen: 53.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Tgt Ion: 95 Resp: 65278
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 68.5 0.0 131.4





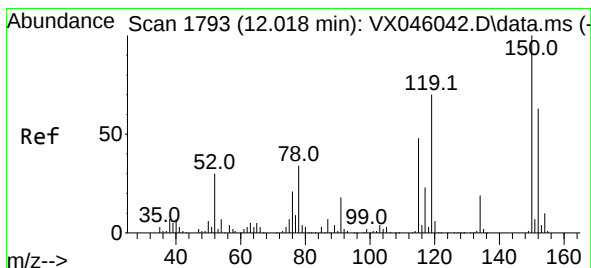
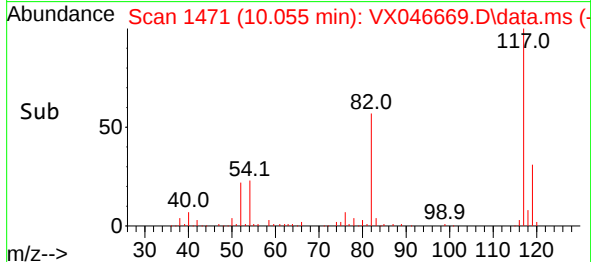
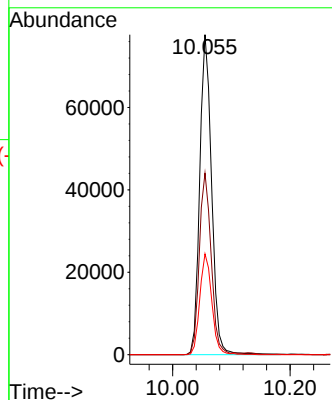
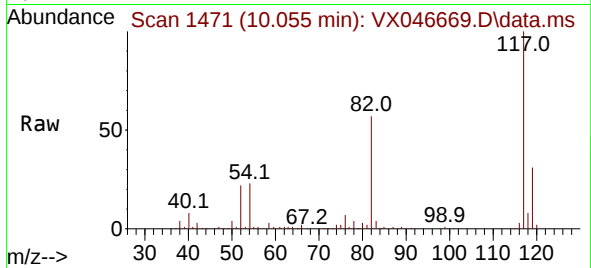
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
WC-20250605

Tgt Ion:117 Resp: 10848
Ion Ratio Lower Upper
117 100
82 56.8 50.6 76.0
119 31.5 25.8 38.6

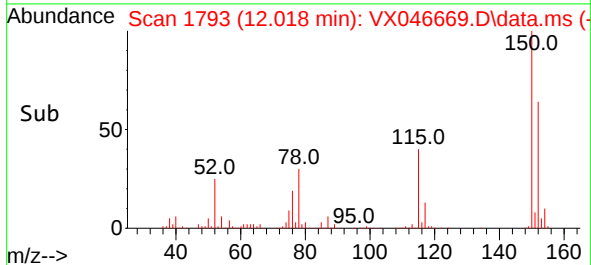
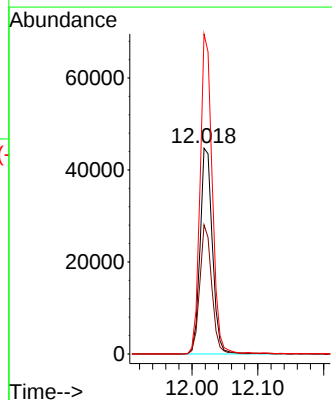
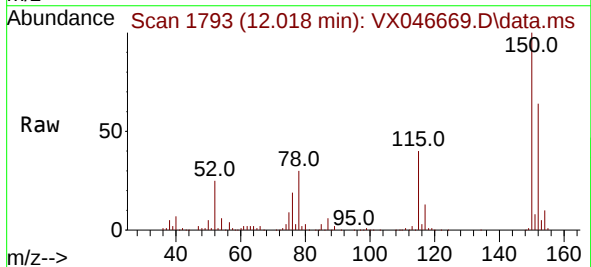
Manual Integrations
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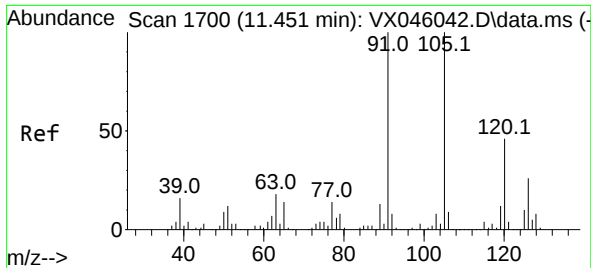
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046669.D
Acq: 12 Jun 2025 17:17

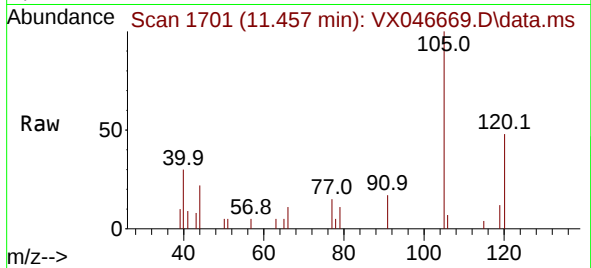
Tgt Ion:152 Resp: 58310
Ion Ratio Lower Upper
152 100
115 61.3 46.9 140.7
150 152.6 0.0 351.0





#80
 1,3,5-Trimethylbenzene
 Concen: 0.475 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046669.D
 Acq: 12 Jun 2025 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20250605



Tgt Ion:105 Resp: 1810
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.1 69.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

