

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047098.D
 Acq On : 23 Jul 2025 17:36
 Operator : JC/MD
 Sample : PB168966TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168966TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2025
 Supervised By : Mahesh Dadoda 07/24/2025

Quant Time: Jul 24 05:55:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	479643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	866424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	802189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	393927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	314539	52.644	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.403	113	257775	48.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	8.647	98	939665	54.239	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.480%			
62) 4-Bromofluorobenzene	11.079	95	374821	50.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.400%			
Target Compounds						
16) Acetone	2.386	43	57559	24.048	ug/l	98
18) Methyl Acetate	2.715	43	31199	4.905	ug/l	100
20) Methylene Chloride	2.806	84	24625	3.740	ug/l	99
37) Ethyl Acetate	4.745	43	18609m	2.215	ug/l	
43) Isopropyl Acetate	6.354	43	14641	1.118	ug/l	96

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

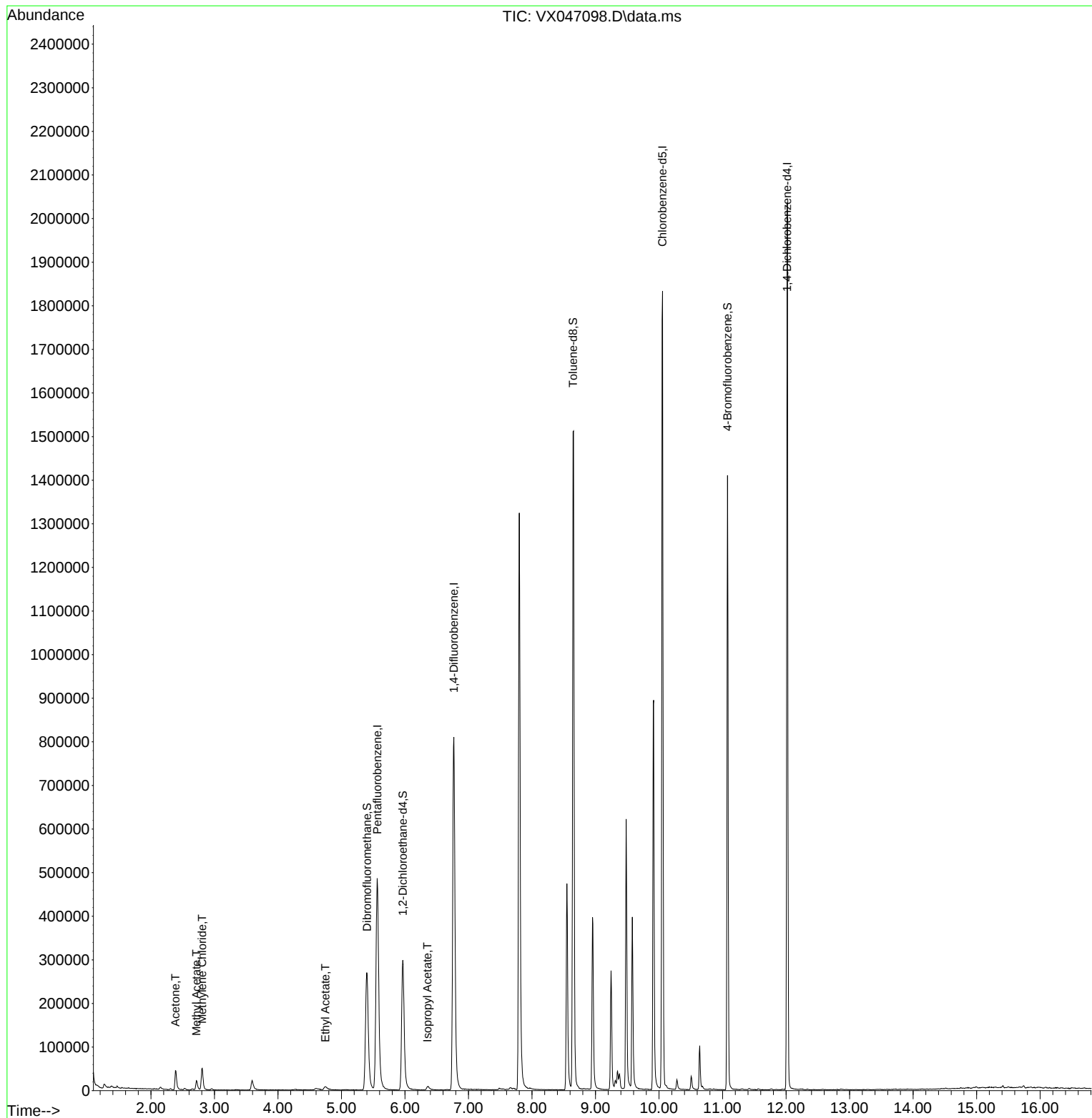
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047098.D
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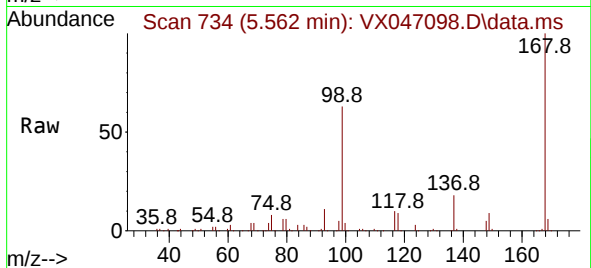
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

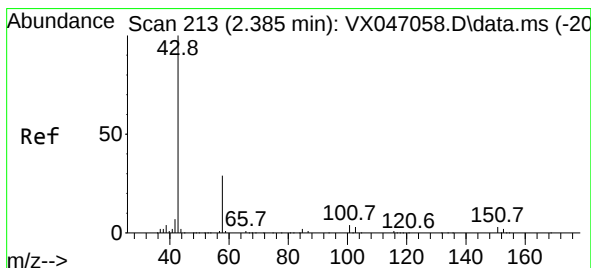
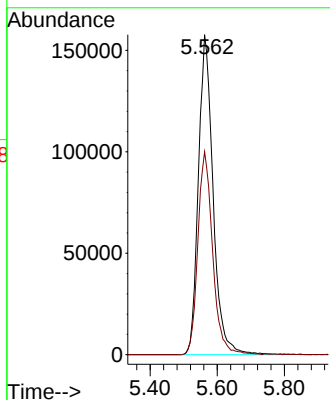
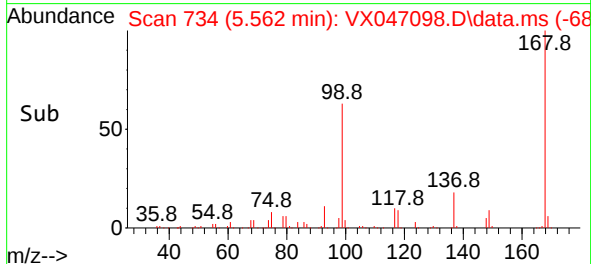
Instrument :
MSVOA_X
ClientSampleId :
PB168966TB



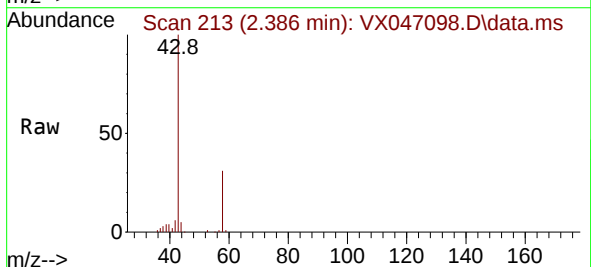
Tgt Ion:168 Resp: 47964
Ion Ratio Lower Upper
168 100
99 63.4 48.0 72.0

Manual Integrations
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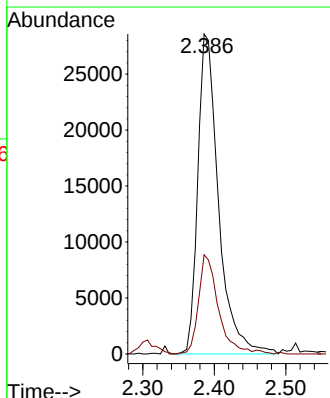
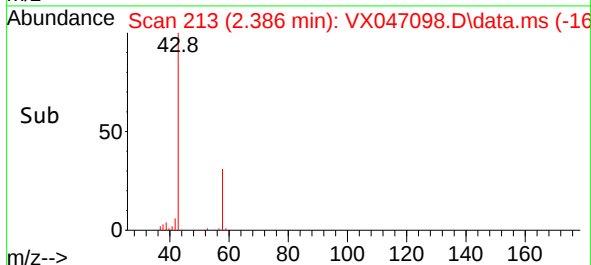
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

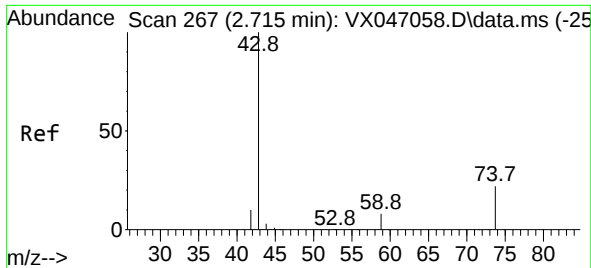


#16
Acetone
Concen: 24.048 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36



Tgt Ion: 43 Resp: 57559
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0





#18
Methyl Acetate
Concen: 4.905 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

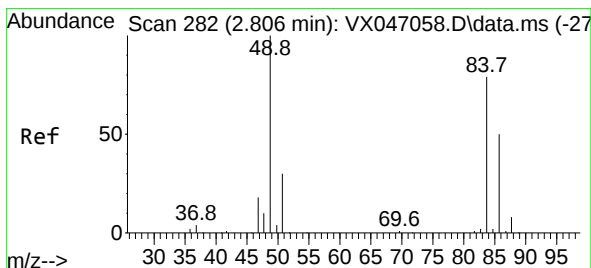
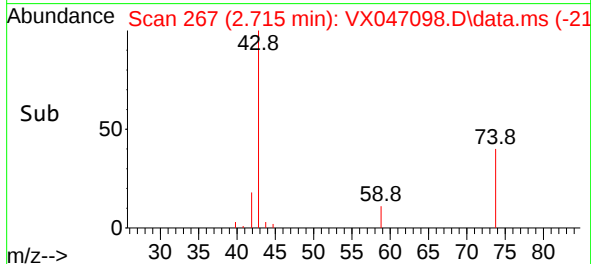
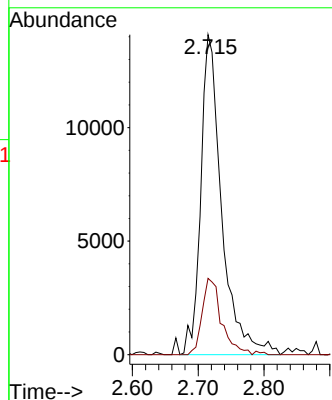
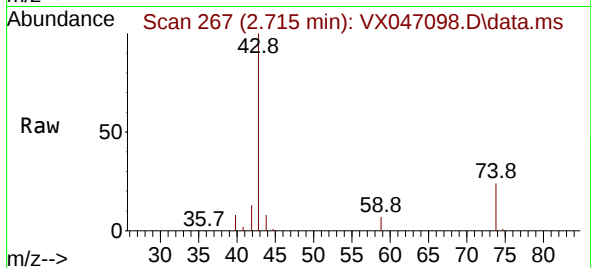
PB168966TB

Tgt Ion: 43 Resp: 31199
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5

Manual Integrations

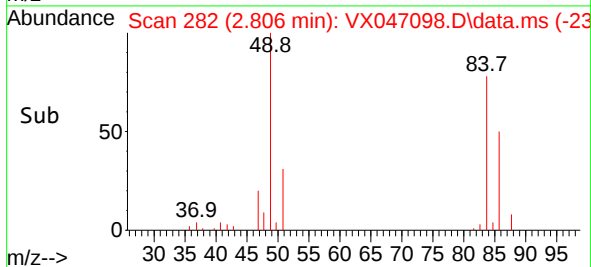
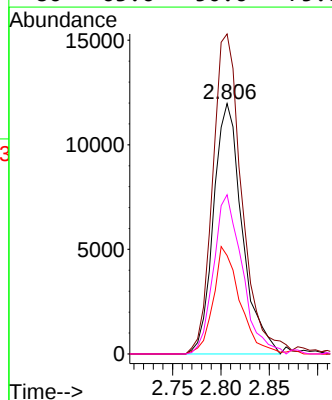
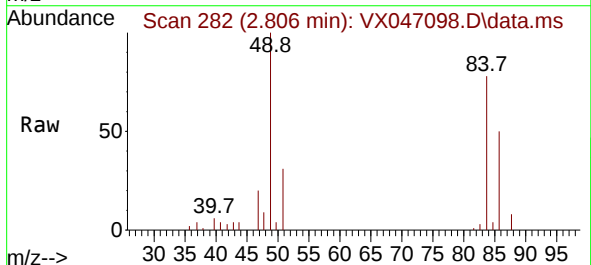
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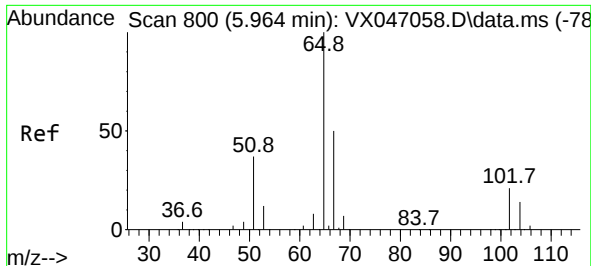
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#20
Methylene Chloride
Concen: 3.740 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

Tgt Ion: 84 Resp: 24625
Ion Ratio Lower Upper
84 100
49 127.8 101.6 152.4
51 39.3 30.3 45.5
86 63.6 50.6 75.8





#33
 1,2-Dichloroethane-d4
 Concen: 52.644 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047098.D
 Acq: 23 Jul 2025 17:36

Instrument :

MSVOA_X

ClientSampleId :

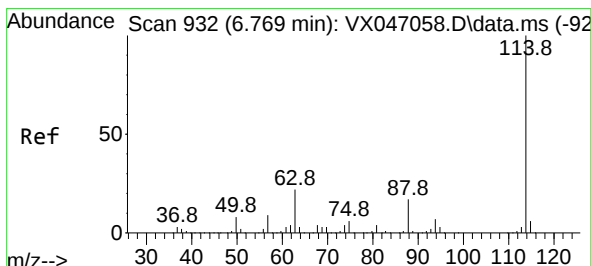
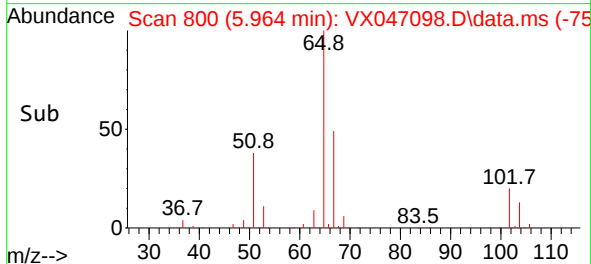
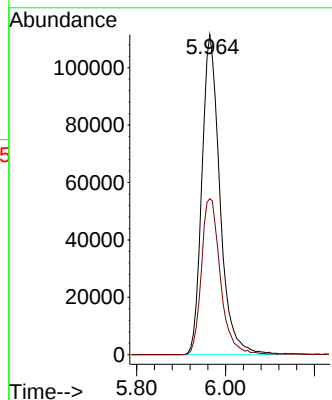
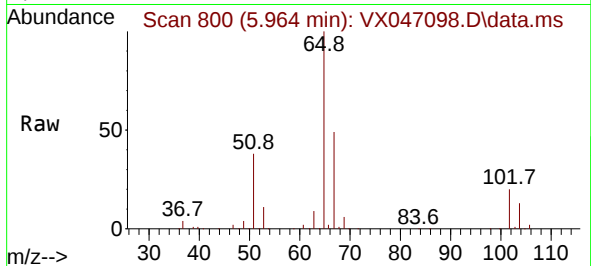
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Tgt Ion: 65 Resp: 314539
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.8

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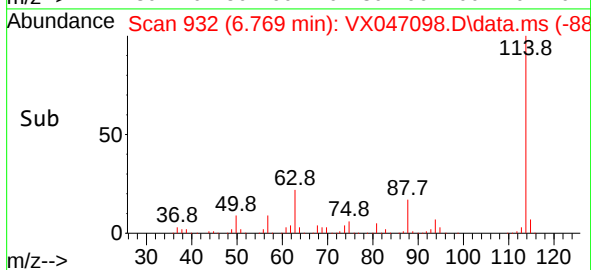
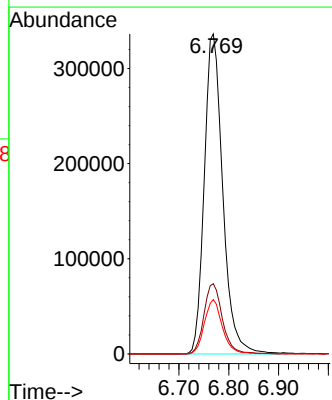
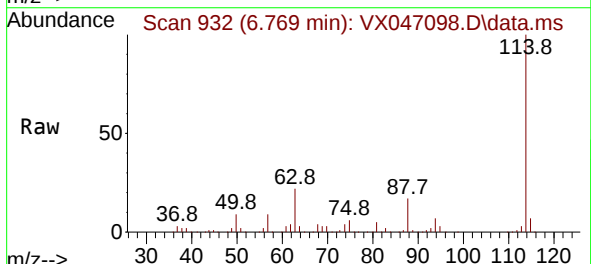
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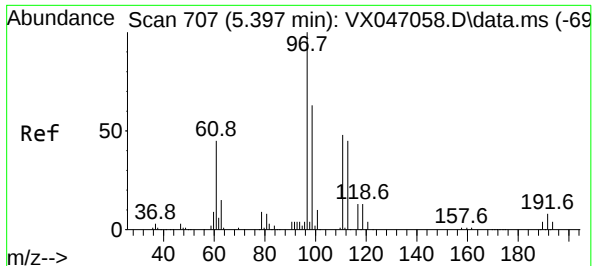
Reviewed By :John Carlone 07/24/2025
 Supervised By :Mahesh Dadoda 07/24/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047098.D
 Acq: 23 Jul 2025 17:36

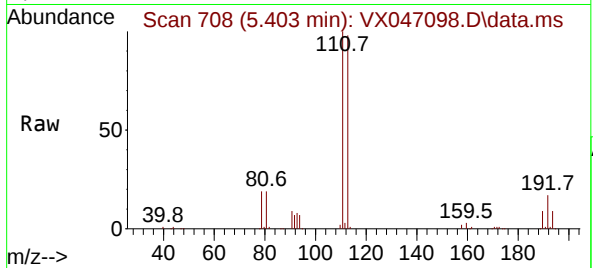
Tgt Ion:114 Resp: 866424
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 17.0 0.0 33.8





#35
Dibromofluoromethane
Concen: 48.186 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

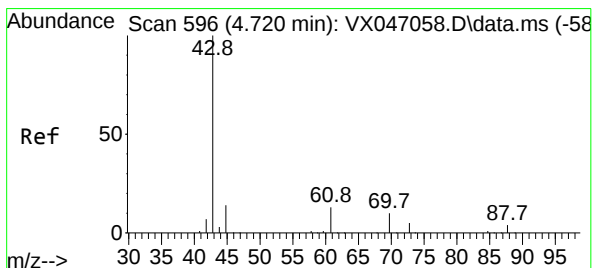
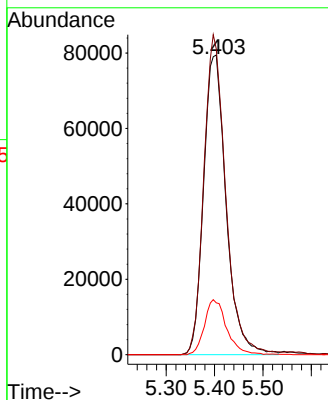
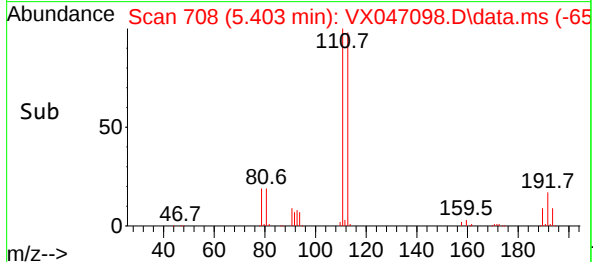
Instrument :
MSVOA_X
ClientSampleId :
PB168966TB



Tgt Ion:113 Resp: 257775
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.0 14.9 22.3

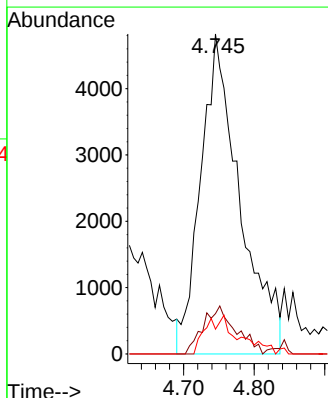
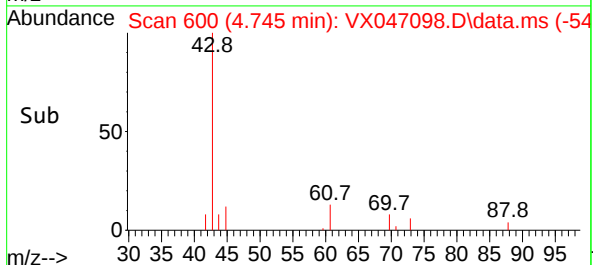
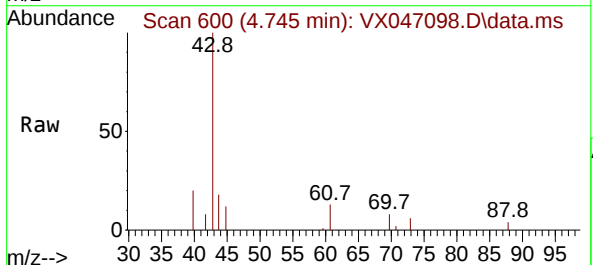
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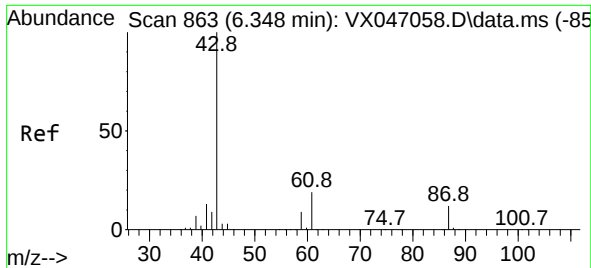
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#37
Ethyl Acetate
Concen: 2.215 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
61 12.4 10.2 15.2
70 3.7 8.1 12.1#





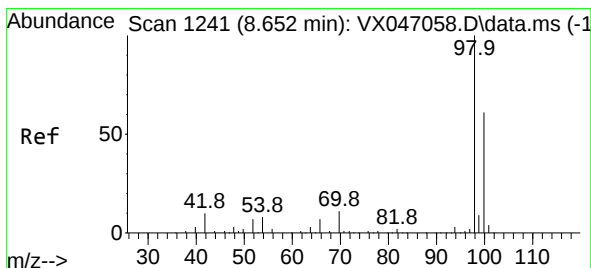
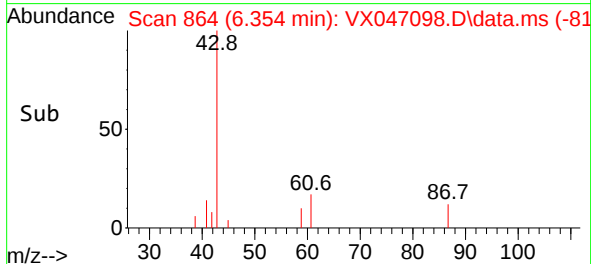
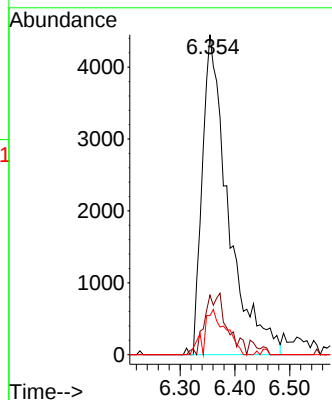
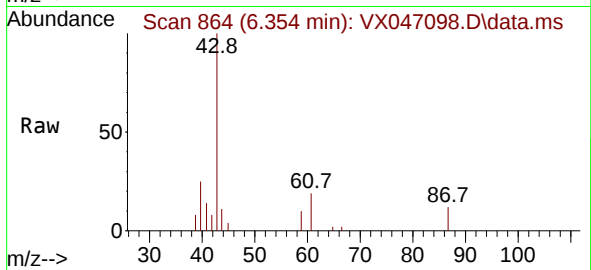
#43
Isopropyl Acetate
Concen: 1.118 ug/l
RT: 6.354 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
PB168966TB

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
61 16.4 15.1 22.7
87 11.8 9.7 14.5

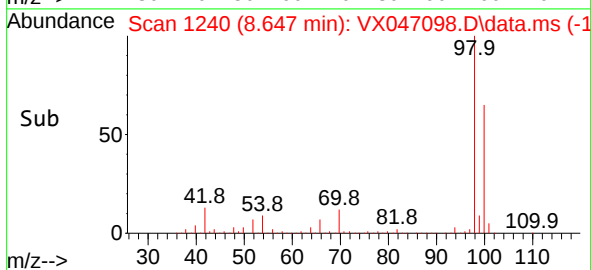
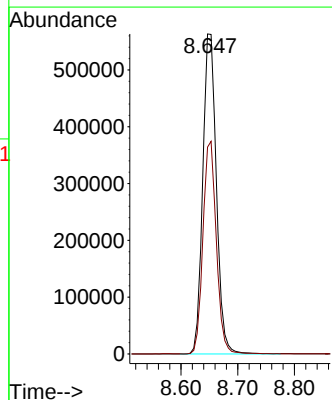
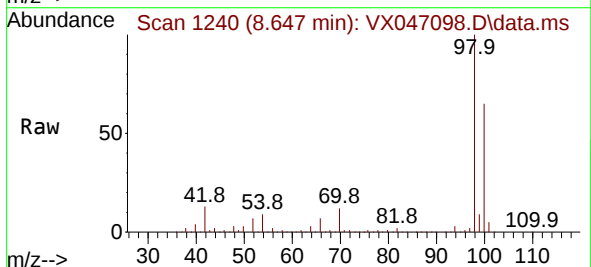
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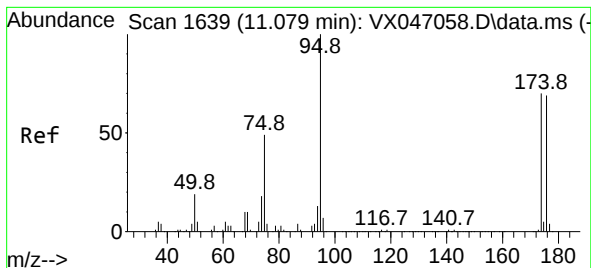
Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025



#50
Toluene-d8
Concen: 54.239 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

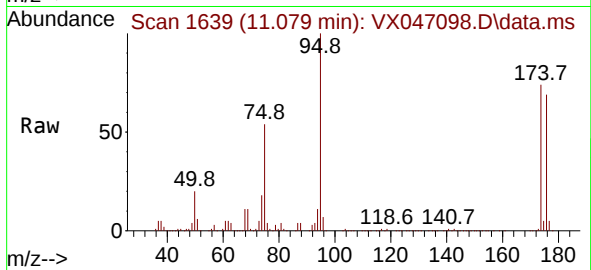
Tgt Ion: 98 Resp: 939665
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9





#62
4-Bromofluorobenzene
Concen: 50.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36

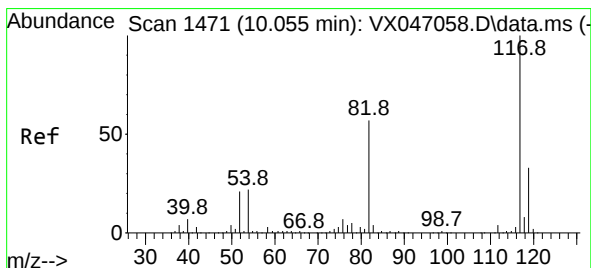
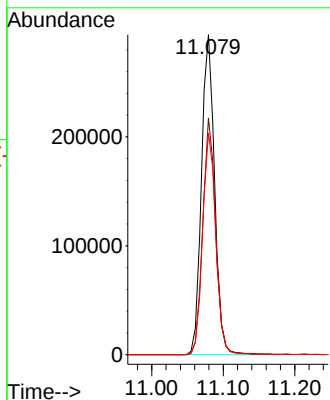
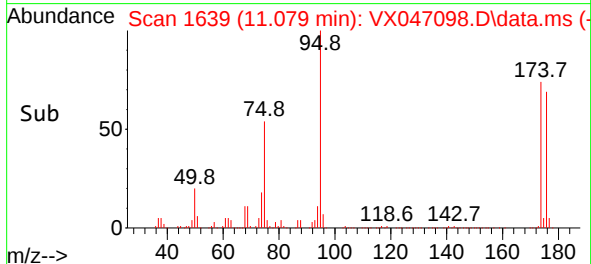
Instrument :
MSVOA_X
ClientSampleId :
PB168966TB



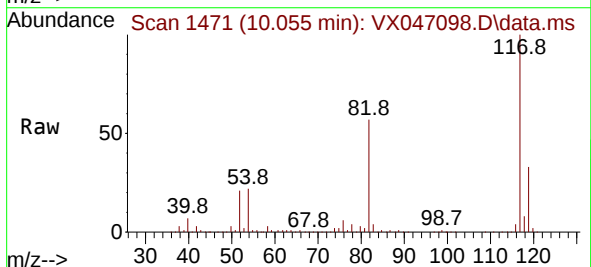
Tgt Ion: 95 Resp: 37482
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.6
176 69.7 0.0 139.6

Manual Integrations
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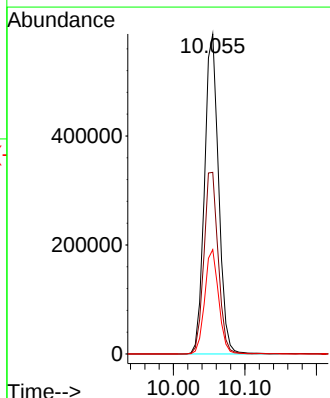
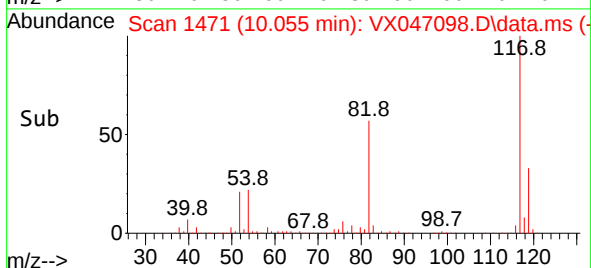
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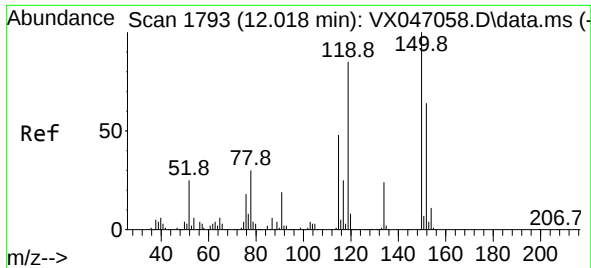


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047098.D
Acq: 23 Jul 2025 17:36



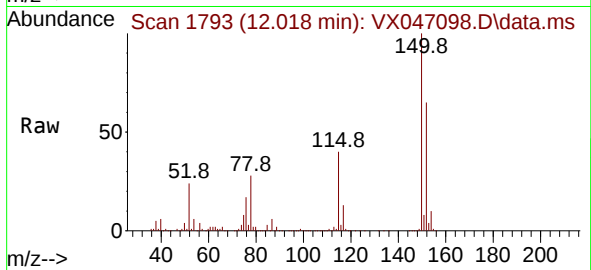
Tgt Ion:117 Resp: 802189
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.6 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047098.D
 Acq: 23 Jul 2025 17:36

Instrument :
 MSVOA_X
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 PB168966TB



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	45.6	136.7
150	155.5	0.0	354.6

Manual Integrations
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