

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046550.D
 Acq On : 07 Jun 2025 02:43
 Operator : JC/MD
 Sample : PB168312TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168312TB

Quant Time: Jun 07 04:28:54 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 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	111761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	220599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95095	47.826	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.660%		
35) Dibromofluoromethane	5.403	113	72518	44.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.400%		
50) Toluene-d8	8.653	98	279791	52.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.620%		
62) 4-Bromofluorobenzene	11.079	95	127462	57.600	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	115.200%		
Target Compounds						Qvalue
8) Diethyl Ether	2.154	74	14052	17.074	ug/l	91
16) Acetone	2.392	43	16669	25.551	ug/l	98
18) Methyl Acetate	2.721	43	12040	5.084	ug/l	99
20) Methylene Chloride	2.806	84	2989	1.874	ug/l	93
37) Ethyl Acetate	4.745	43	7351m	3.250	ug/l	
43) Isopropyl Acetate	6.360	43	5591	1.418	ug/l	94

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

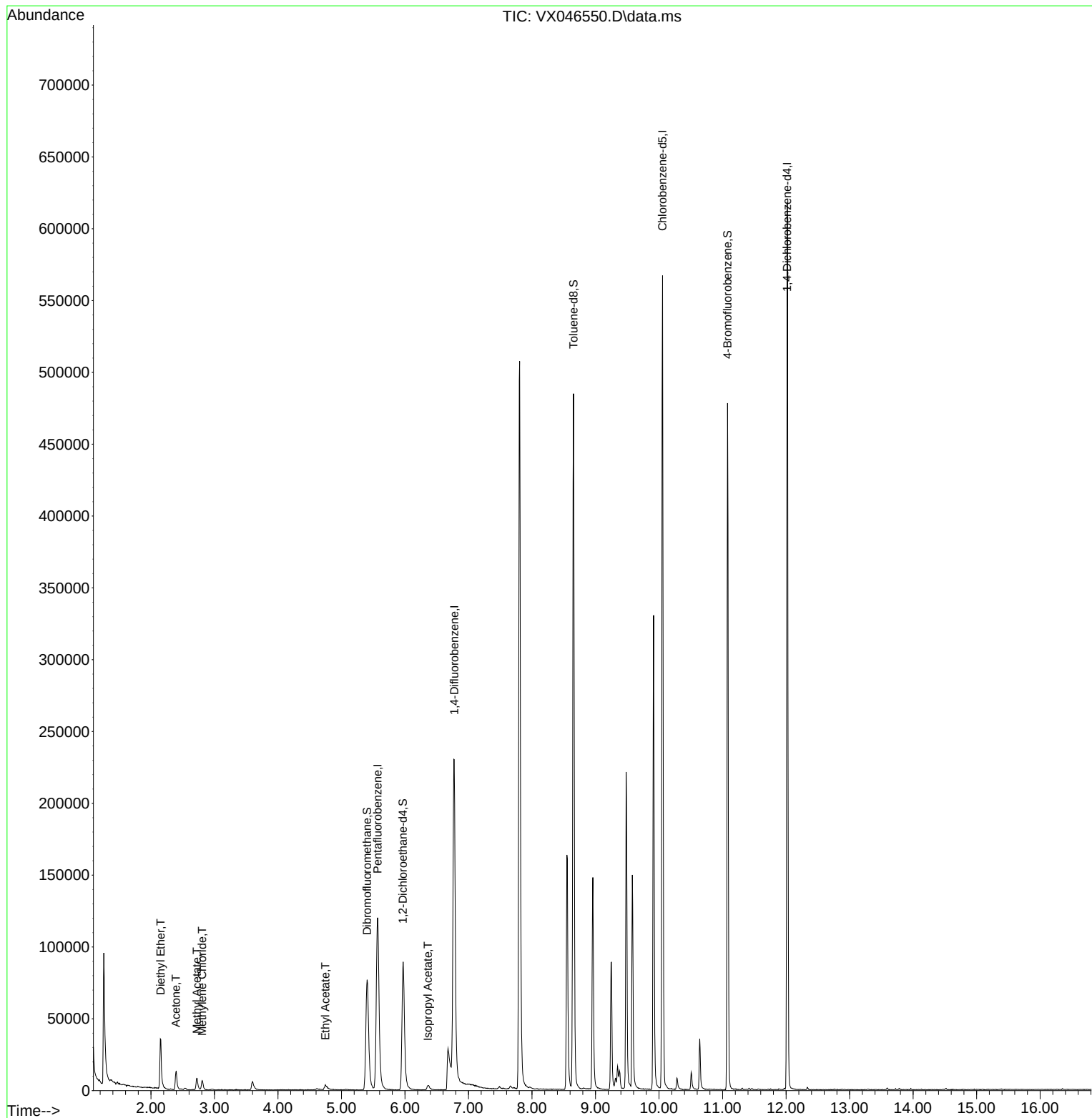
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046550.D
Acq On : 07 Jun 2025 02:43
Operator : JC/MD
Sample : PB168312TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

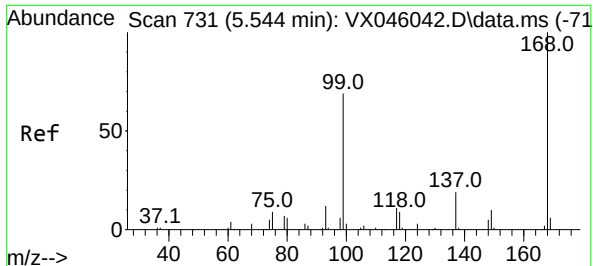
Instrument :
MSVOA_X
ClientSampleId :
PB168312TB

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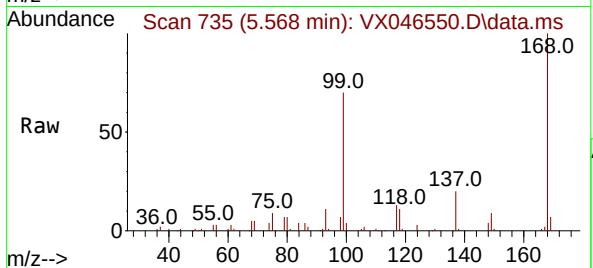
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

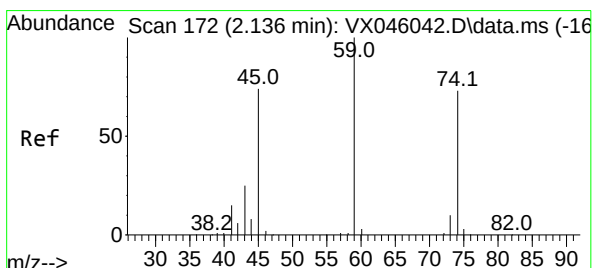
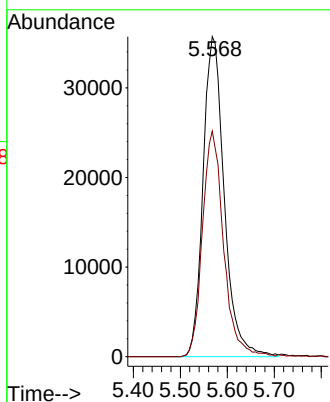
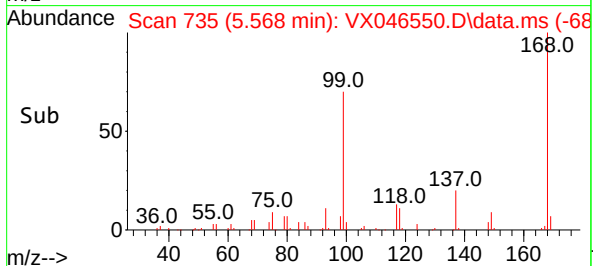
Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



Tgt Ion:168 Resp: 11176
Ion Ratio Lower Upper
168 100
99 70.5 54.9 82.3

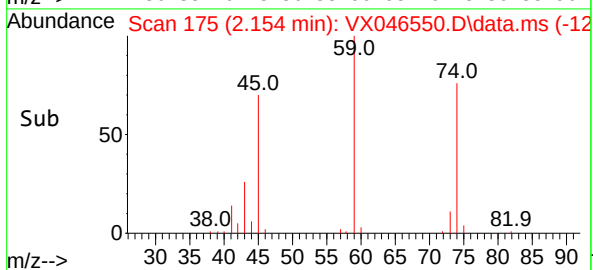
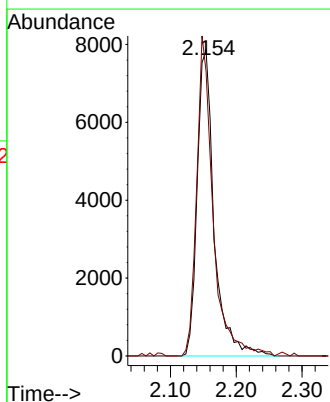
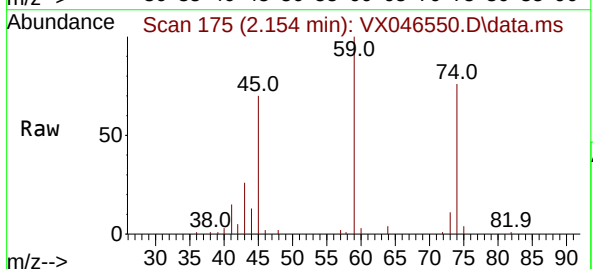
Manual Integrations
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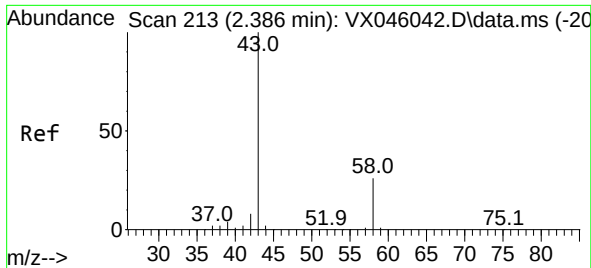
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 17.074 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

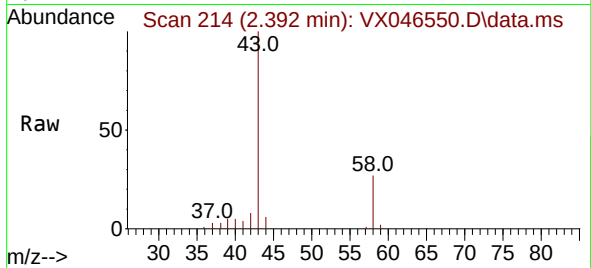
Tgt Ion: 74 Resp: 14052
Ion Ratio Lower Upper
74 100
45 100.9 54.9 164.8





#16
Acetone
Concen: 25.551 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

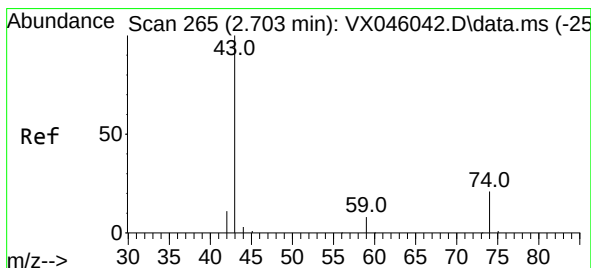
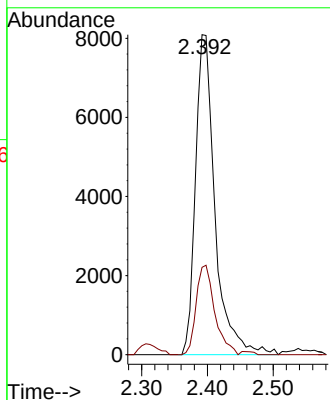
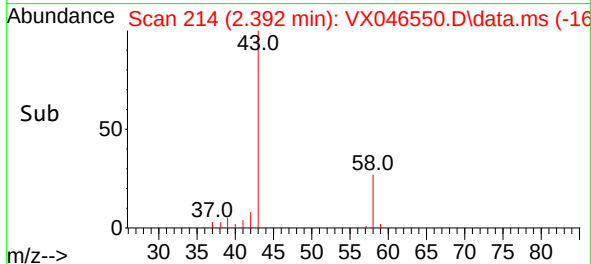
Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



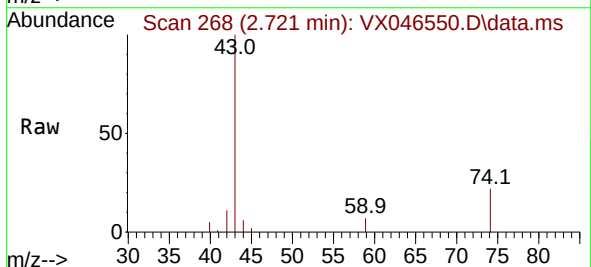
Tgt Ion: 43 Resp: 16669
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8

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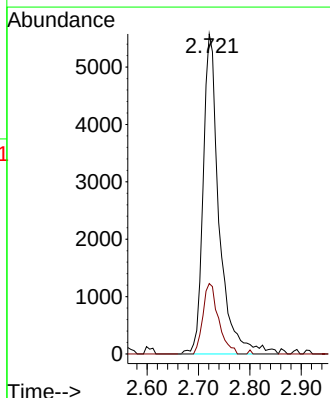
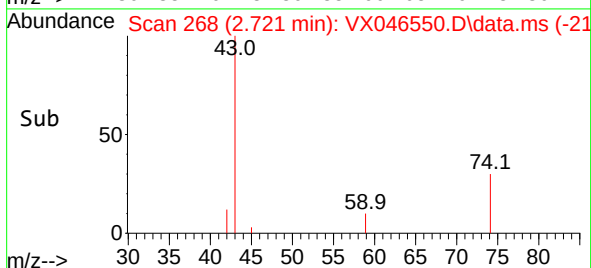
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

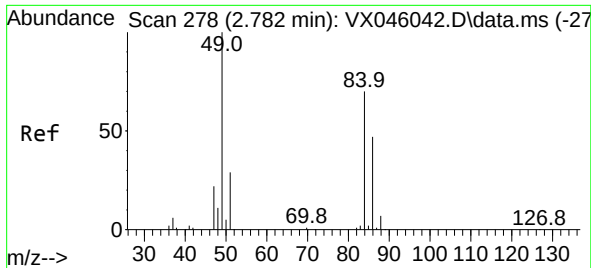


#18
Methyl Acetate
Concen: 5.084 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43



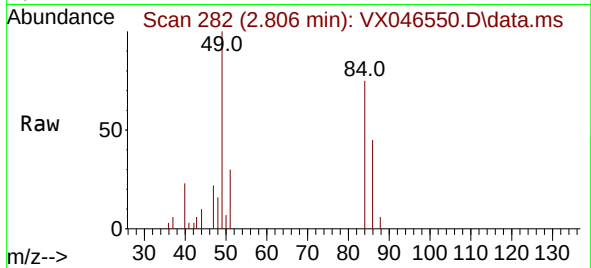
Tgt Ion: 43 Resp: 12040
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#20
Methylene Chloride
Concen: 1.874 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

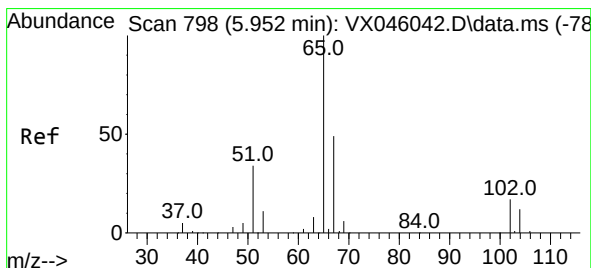
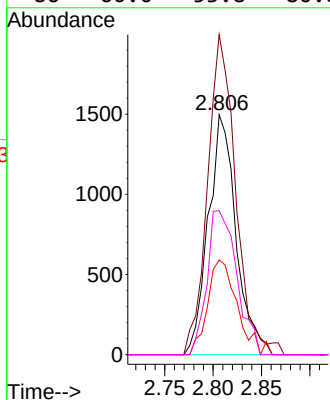
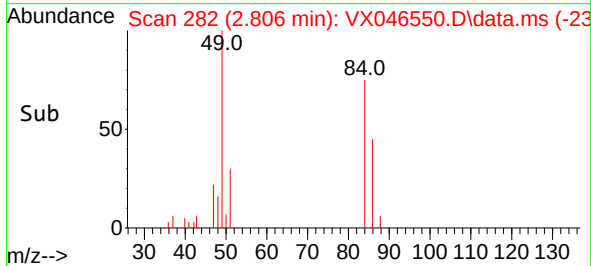
Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



Tgt Ion: 84 Resp: 2989
Ion Ratio Lower Upper
84 100
49 133.3 113.9 170.9
51 39.5 33.5 50.3
86 60.0 53.8 80.8

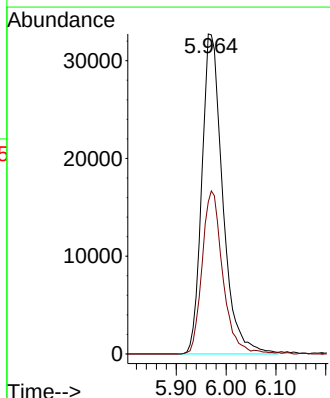
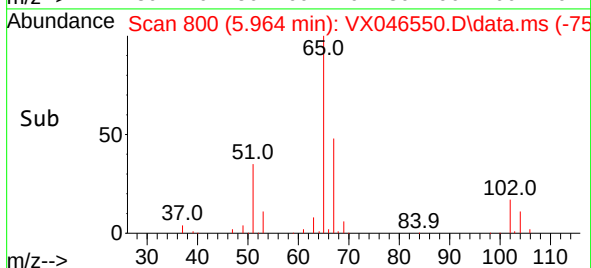
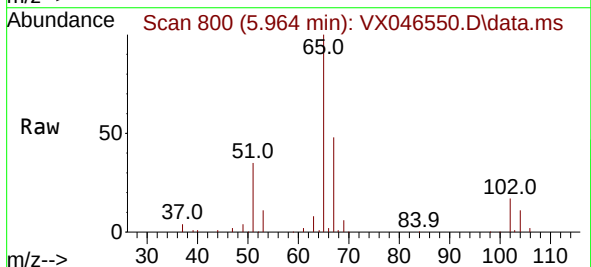
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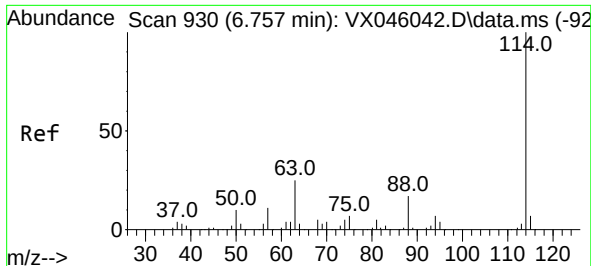
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#33
1,2-Dichloroethane-d4
Concen: 47.826 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

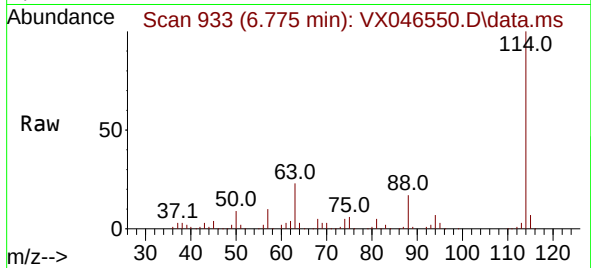
Tgt Ion: 65 Resp: 95095
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

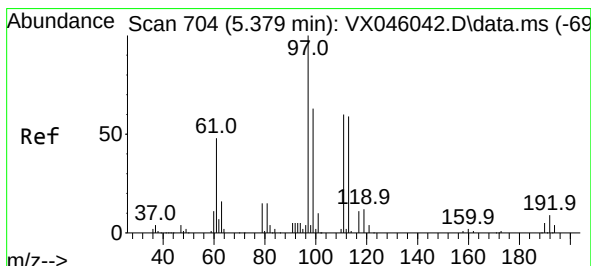
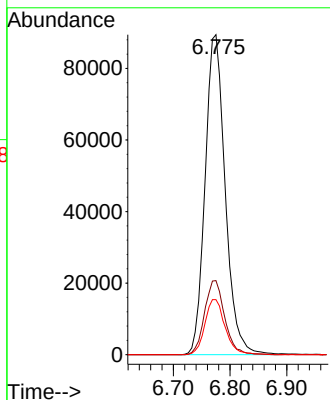
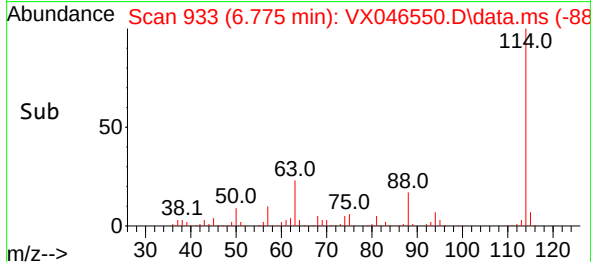
Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



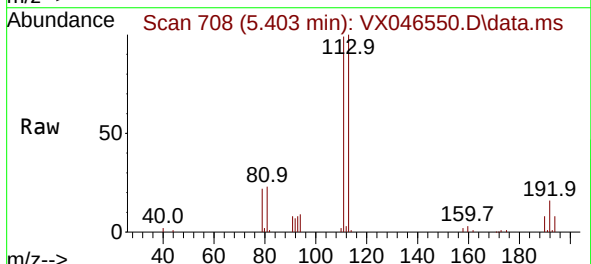
Tgt Ion:114 Resp: 220599
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 17.2 0.0 33.6

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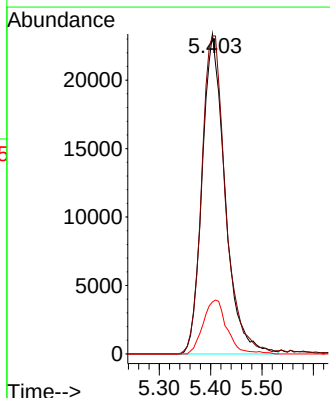
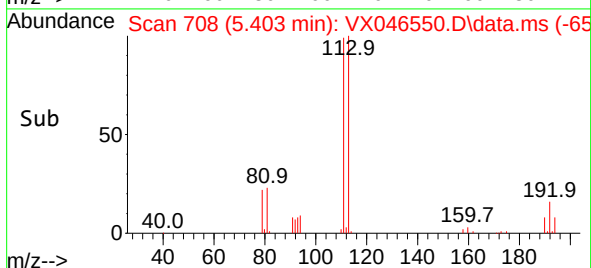
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

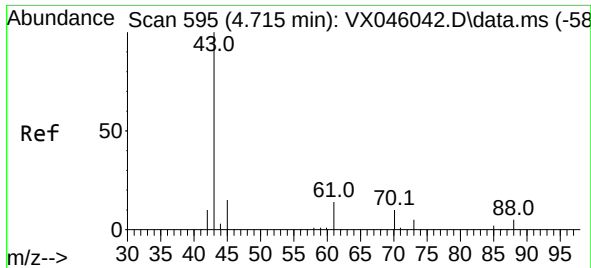


#35
Dibromofluoromethane
Concen: 44.701 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43



Tgt Ion:113 Resp: 72518
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.5 13.3 19.9





#37
Ethyl Acetate
Concen: 3.250 ug/l m
RT: 4.745 min Scan# 60
Delta R.T. 0.012 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

Instrument :

MSVOA_X

ClientSampleId :

PB168312TB

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
61 9.9 10.3 15.5
70 10.3 7.9 11.9

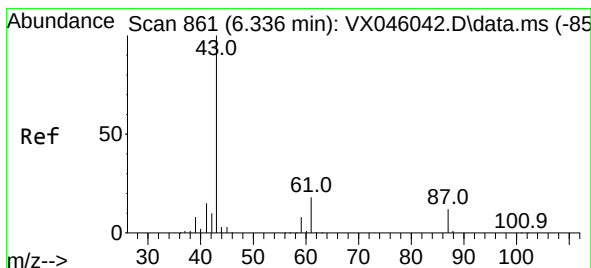
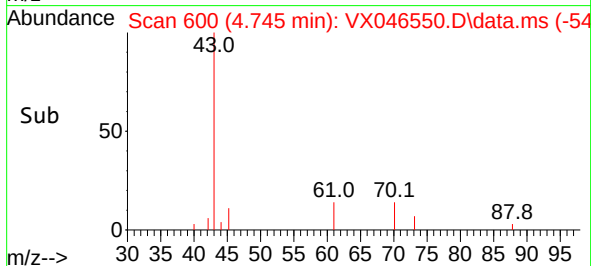
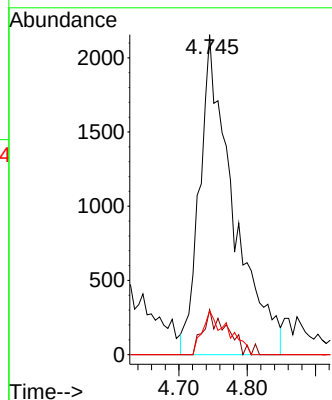
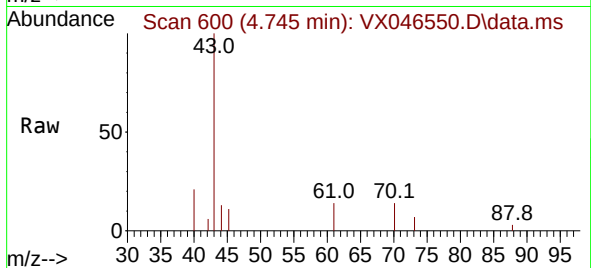
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Carlone

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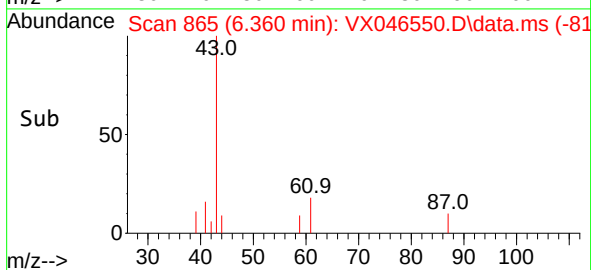
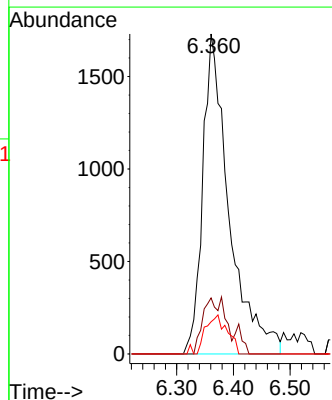
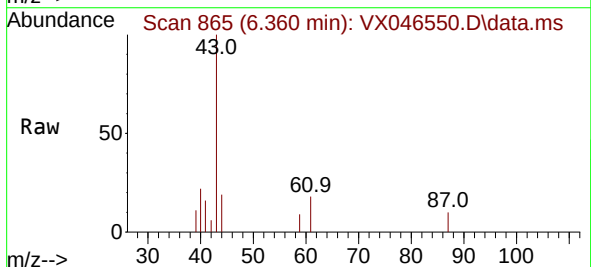
Supervised By :Mahesh
Dadoda

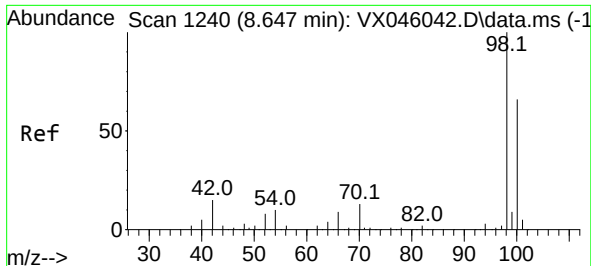
06/09/2025



#43
Isopropyl Acetate
Concen: 1.418 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.006 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

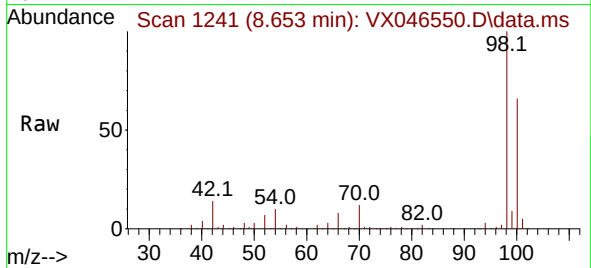
Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
61 14.7 14.3 21.5
87 9.9 9.5 14.3





#50
Toluene-d8
Concen: 52.313 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



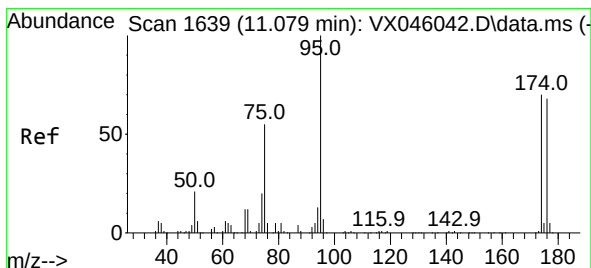
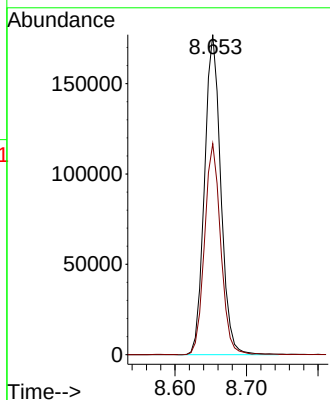
Tgt Ion: 98 Resp: 27979
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3

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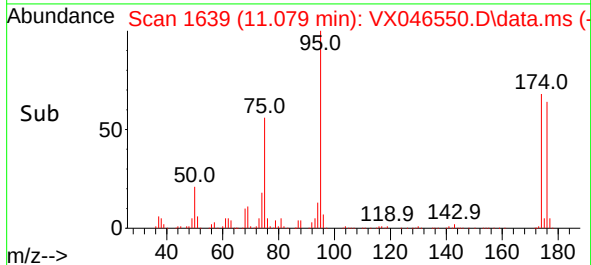
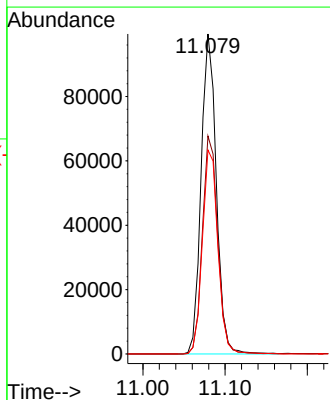
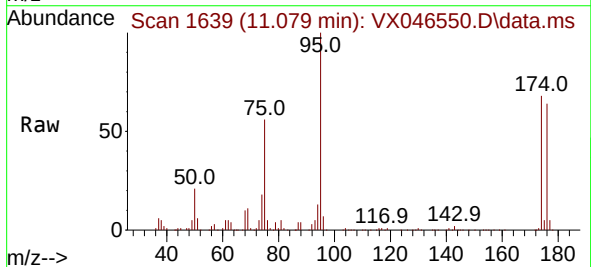
06/09/2025
Supervised By :Mahesh
Dadoda

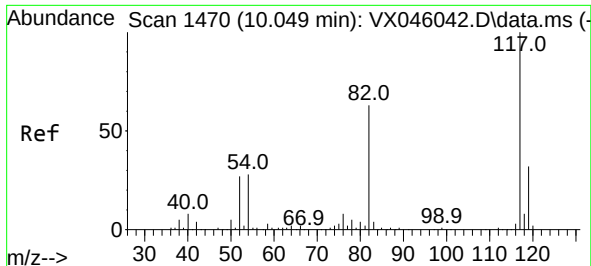
06/09/2025



#62
4-Bromofluorobenzene
Concen: 57.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

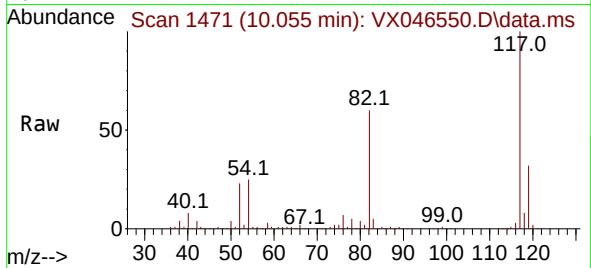
Tgt Ion: 95 Resp: 127462
Ion Ratio Lower Upper
95 100
174 69.0 0.0 135.8
176 65.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

Instrument :
MSVOA_X
ClientSampleId :
PB168312TB



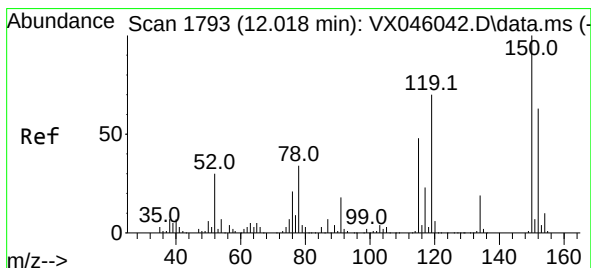
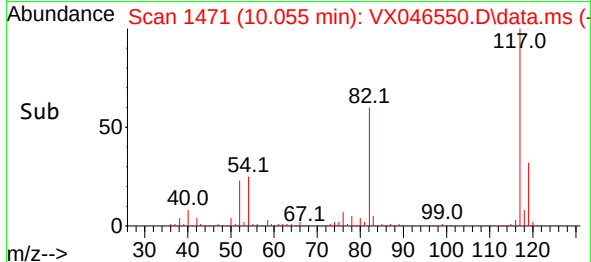
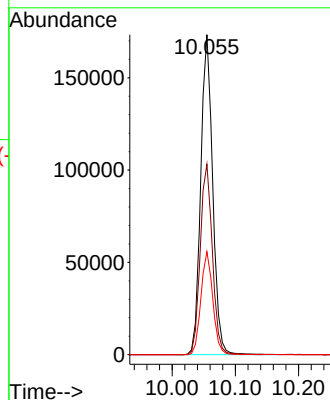
Tgt Ion:117 Resp: 228258
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.2 25.8 38.6

Manual Integrations
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06/09/2025
Supervised By :Mahesh
Dadoda

06/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046550.D
Acq: 07 Jun 2025 02:43

Tgt Ion:152 Resp: 117179
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 158.2 0.0 351.0

