

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046672.D
 Acq On : 12 Jun 2025 18:24
 Operator : JC/MD
 Sample : PB168448TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168448TB

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 01:48:15 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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	78207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	142504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	68006	48.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.760%		
35) Dibromofluoromethane	5.403	113	53376	50.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.860%		
50) Toluene-d8	8.653	98	173056	50.088	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.079	95	71489	50.010	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.020%		
Target Compounds					Qvalue	
8) Diethyl Ether	2.148	74	6489	11.267	ug/l	89
16) Acetone	2.398	43	28073	55.030	ug/l	92
18) Methyl Acetate	2.721	43	9097	5.489	ug/l	97
20) Methylene Chloride	2.806	84	4675	4.188	ug/l	87
25) 2-Butanone	4.586	43	9149	11.812	ug/l	98
37) Ethyl Acetate	4.763	43	5606m	3.837	ug/l	
43) Isopropyl Acetate	6.367	43	7319	2.874	ug/l	99

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

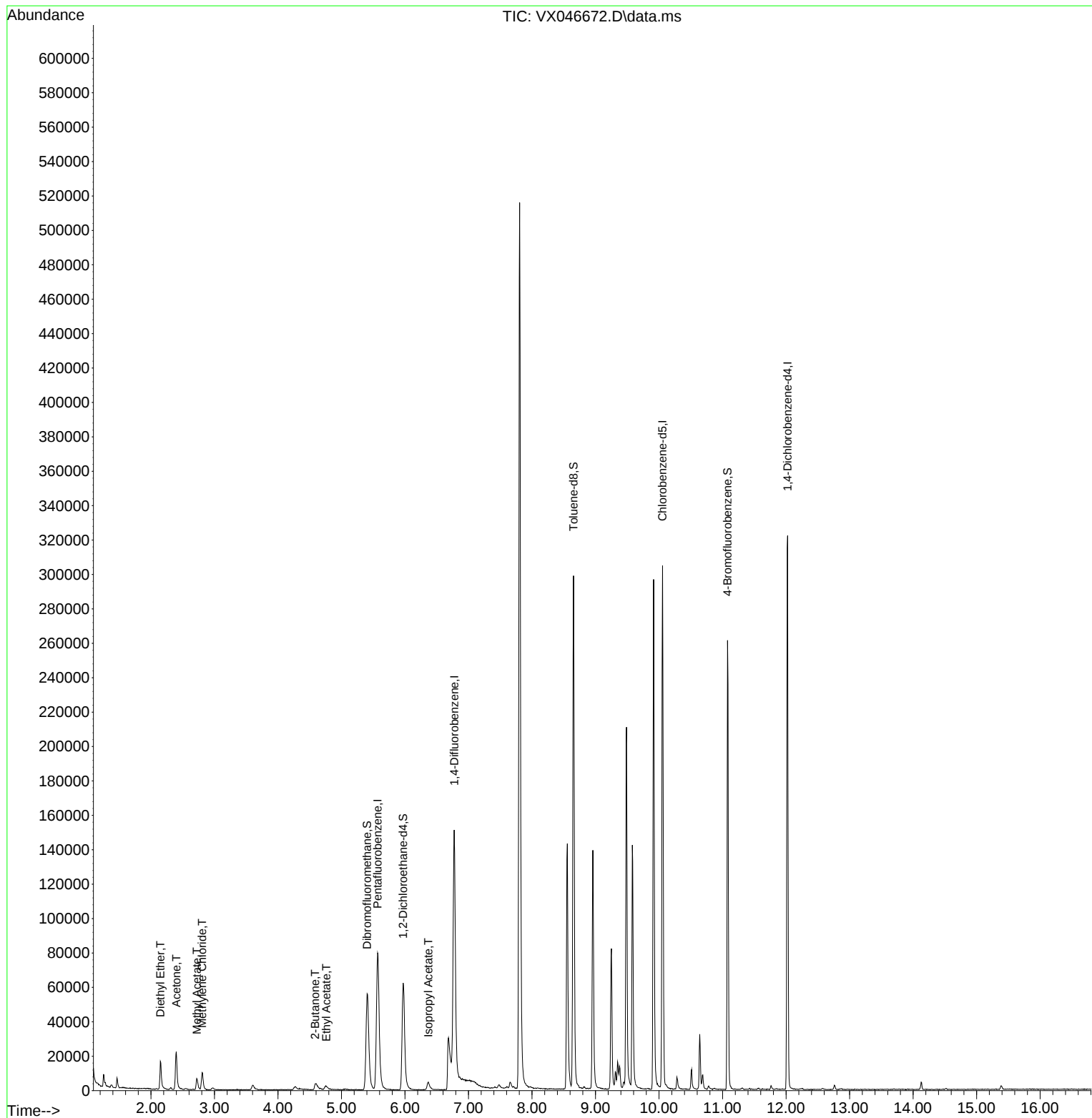
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046672.D
Acq On : 12 Jun 2025 18:24
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Instrument :
MSVOA_X
ClientSampleId :
PB168448TB

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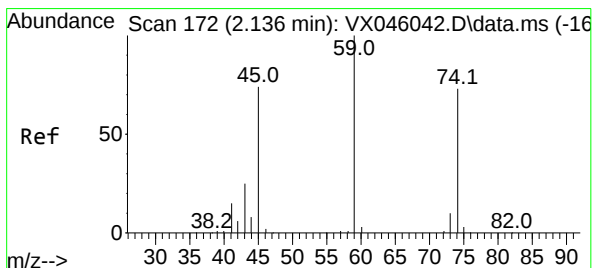
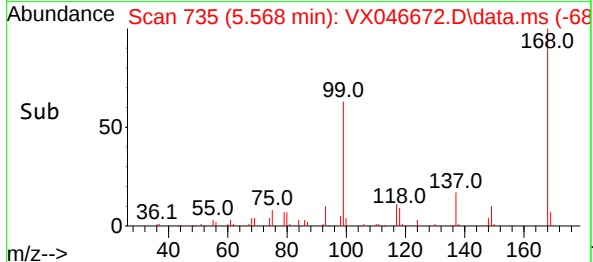
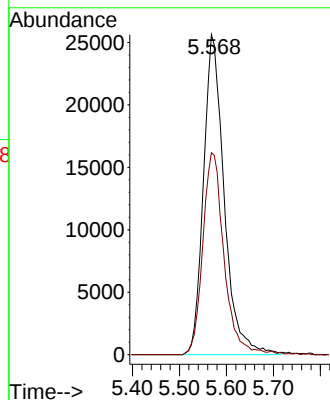
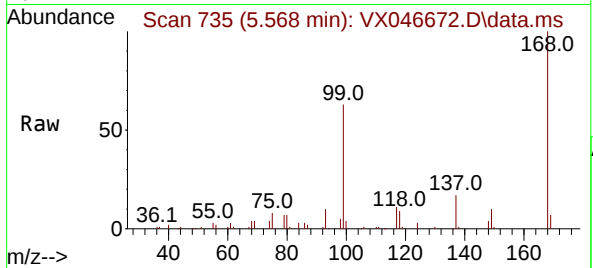
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

Instrument :
MSVOA_X
ClientSampleId :
PB168448TB

Tgt Ion:168 Resp: 7820
Ion Ratio Lower Upper
168 100
99 63.1 54.9 82.3

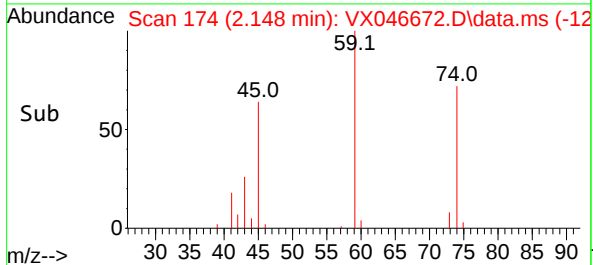
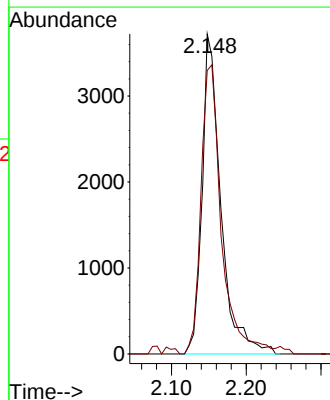
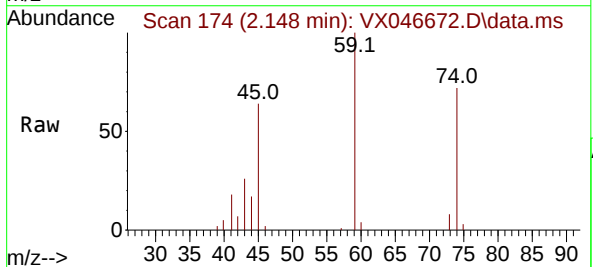
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Reviewed By :John Carlone 06/13/2025
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#8
Diethyl Ether
Concen: 11.267 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

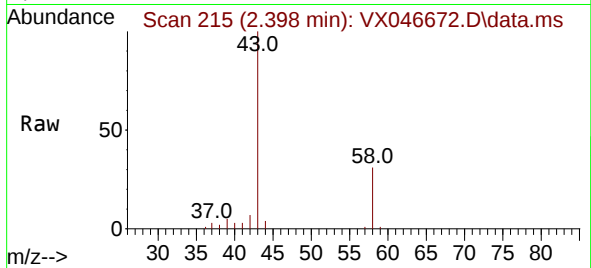
Tgt Ion: 74 Resp: 6489
Ion Ratio Lower Upper
74 100
45 98.7 54.9 164.8





#16
Acetone
Concen: 55.030 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

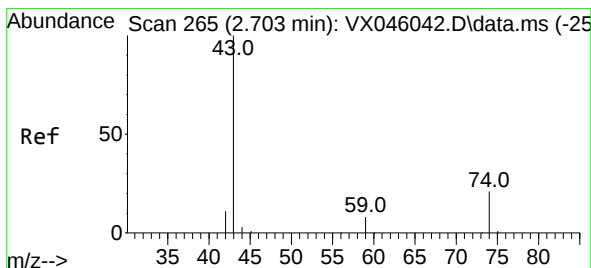
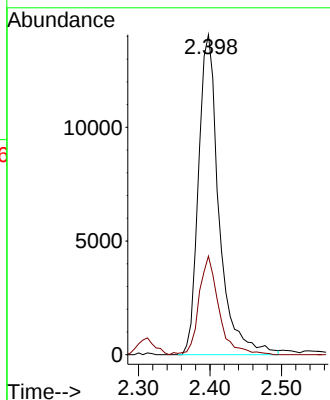
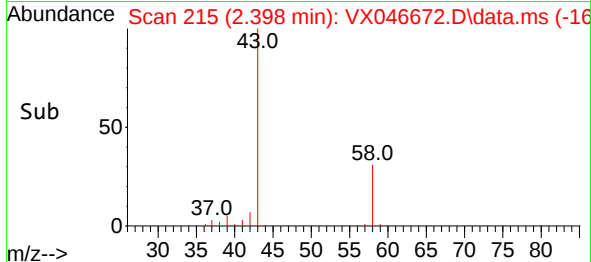
Instrument :
MSVOA_X
ClientSampleId :
PB168448TB



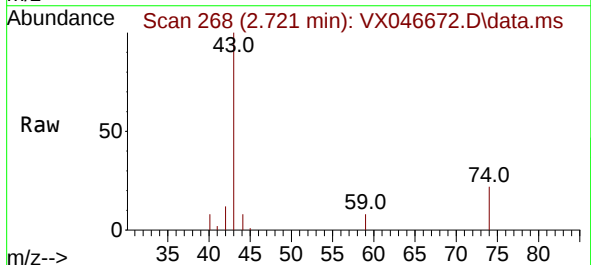
Tgt Ion: 43 Resp: 2807
Ion Ratio Lower Upper
43 100
58 30.8 21.2 31.8

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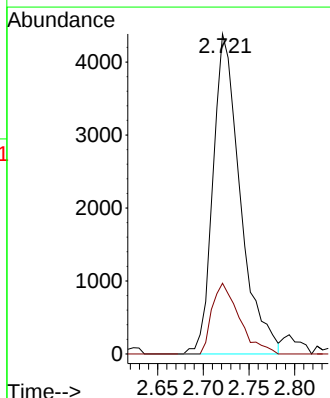
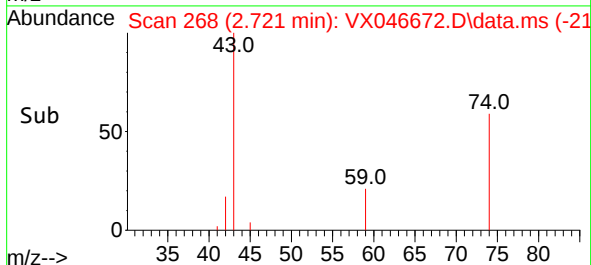
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#18
Methyl Acetate
Concen: 5.489 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24



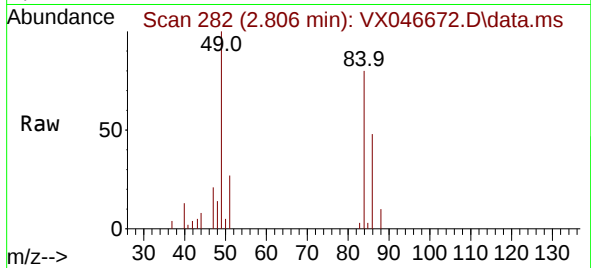
Tgt Ion: 43 Resp: 9097
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1





#20
Methylene Chloride
Concen: 4.188 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

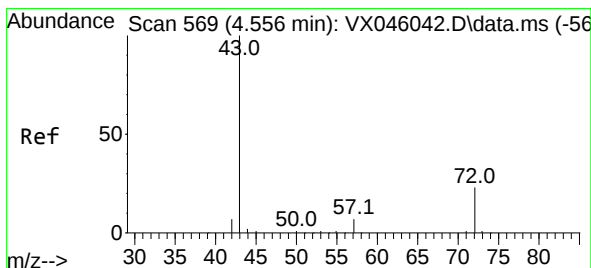
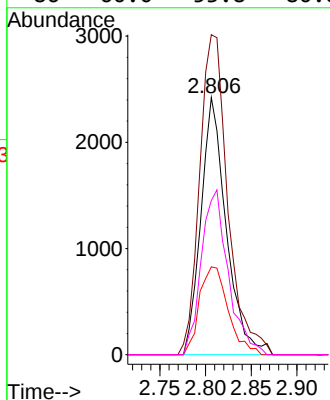
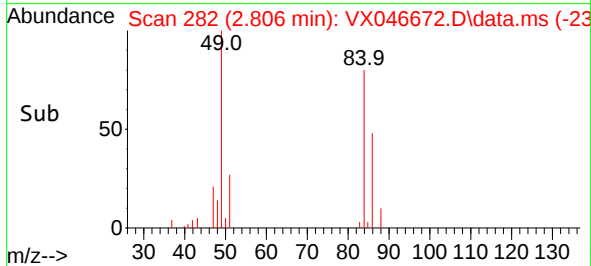
Instrument :
MSVOA_X
ClientSampleId :
PB168448TB



Tgt Ion: 84 Resp: 467
Ion Ratio Lower Upper
84 100
49 124.4 113.9 170.9
51 34.2 33.5 50.3
86 60.0 53.8 80.8

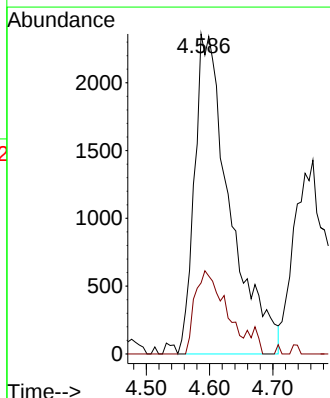
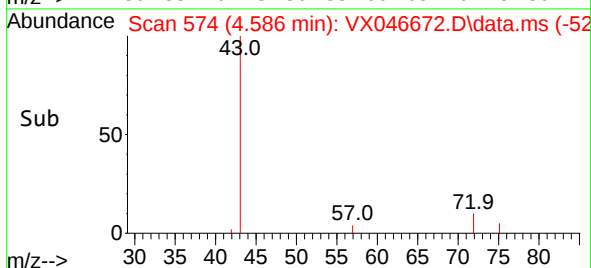
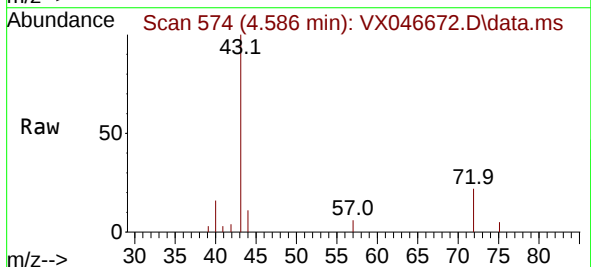
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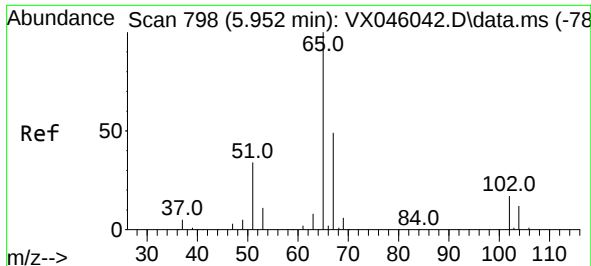
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#25
2-Butanone
Concen: 11.812 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.012 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

Tgt Ion: 43 Resp: 9149
Ion Ratio Lower Upper
43 100
72 22.2 18.4 27.6





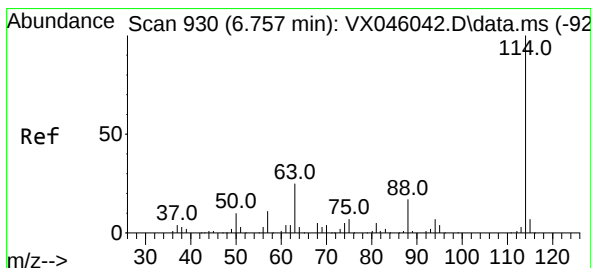
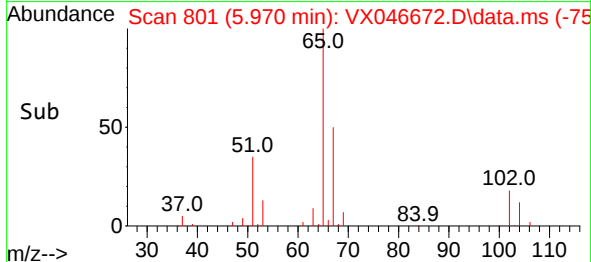
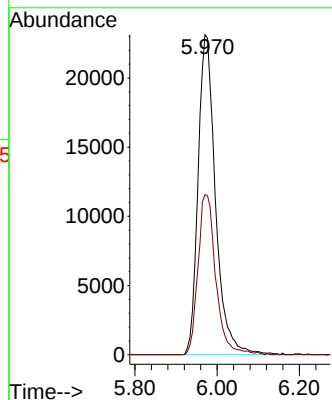
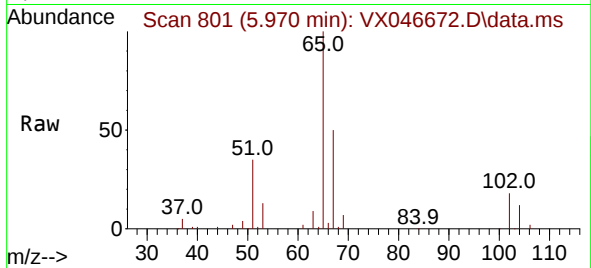
#33
1,2-Dichloroethane-d4
Concen: 48.877 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

Instrument :
MSVOA_X
ClientSampleId :
PB168448TB

Tgt Ion: 65 Resp: 68000
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.0

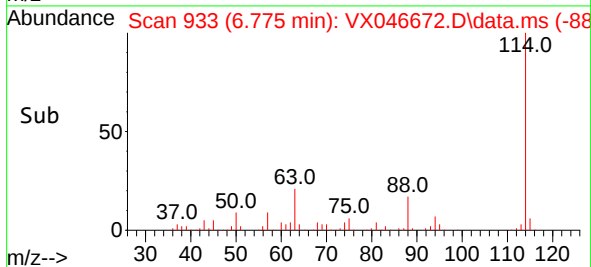
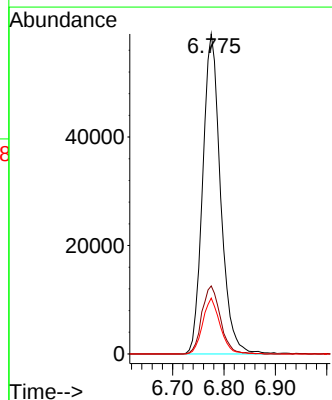
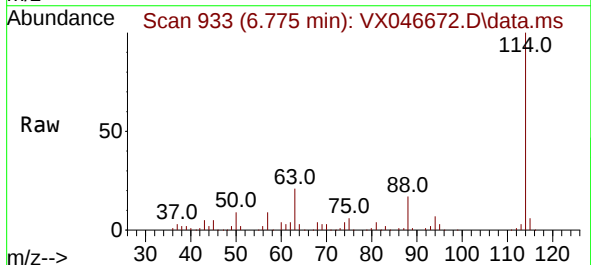
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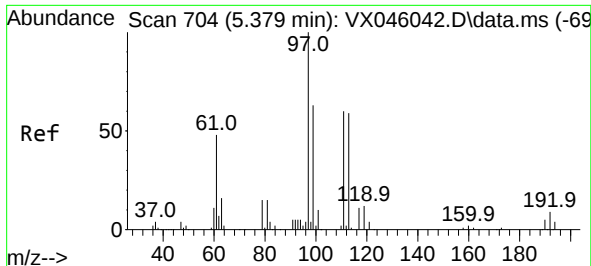
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

Tgt Ion:114 Resp: 142504
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.2
88 17.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.933 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046672.D

Acq: 12 Jun 2025 18:24

Instrument :

MSVOA_X

ClientSampleId :

PB168448TB

Tgt Ion: 113 Resp: 53370

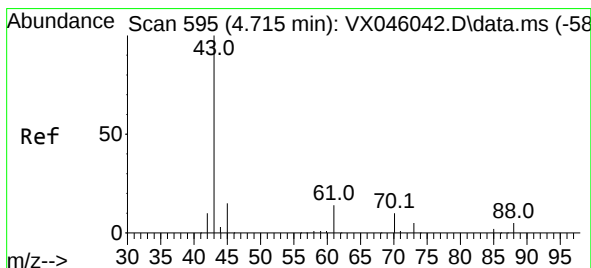
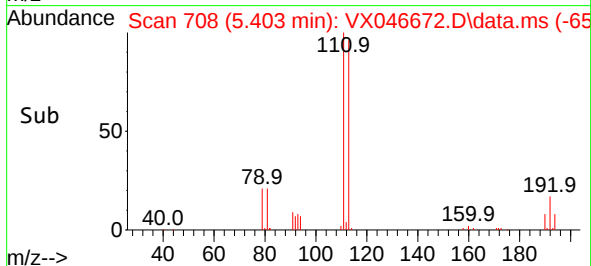
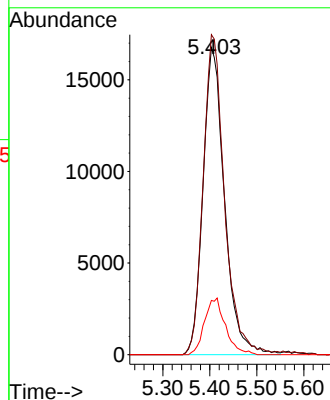
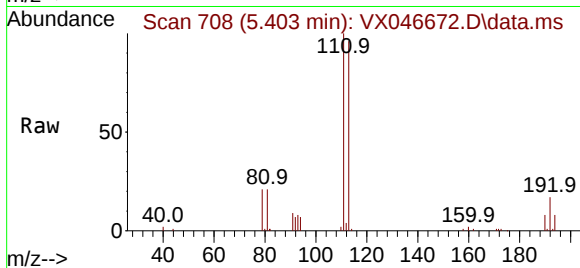
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.1	124.7
192	17.9	13.3	19.9

Manual Integrations

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#37

Ethyl Acetate

Concen: 3.837 ug/l m

RT: 4.763 min Scan# 603

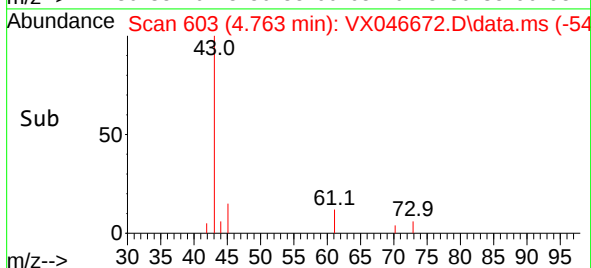
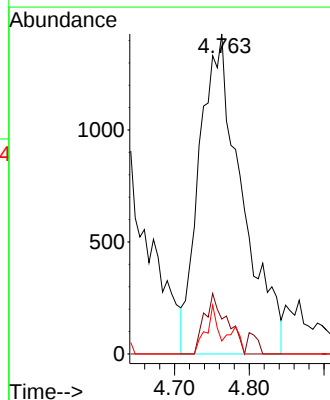
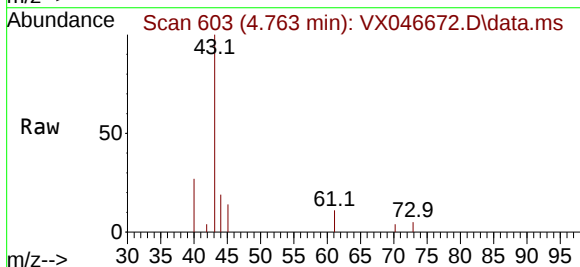
Delta R.T. 0.030 min

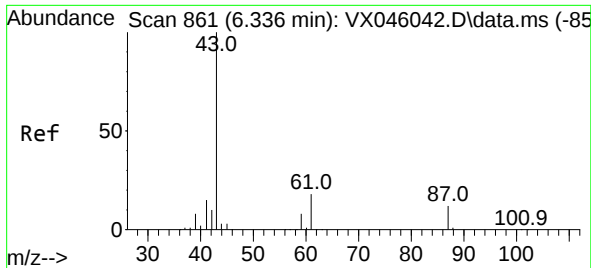
Lab File: VX046672.D

Acq: 12 Jun 2025 18:24

Tgt Ion: 43 Resp: 5606

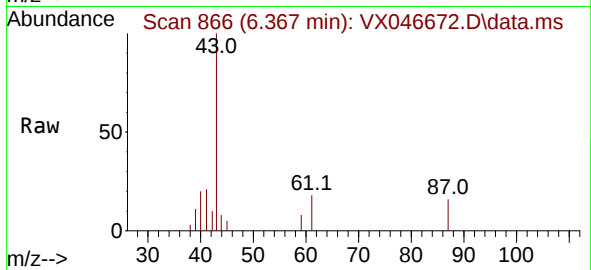
Ion	Ratio	Lower	Upper
43	100		
61	10.0	10.3	15.5#
70	4.2	7.9	11.9#





#43
Isopropyl Acetate
Concen: 2.874 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

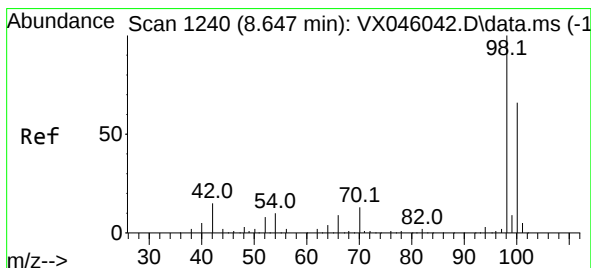
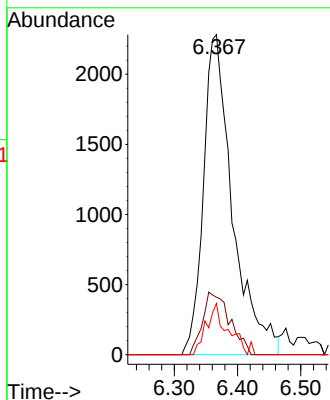
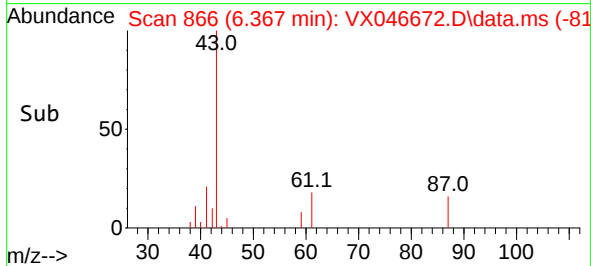
Instrument :
MSVOA_X
ClientSampleId :
PB168448TB



Tgt Ion: 43 Resp: 7319
Ion Ratio Lower Upper
43 100
61 18.2 14.3 21.5
87 11.5 9.5 14.3

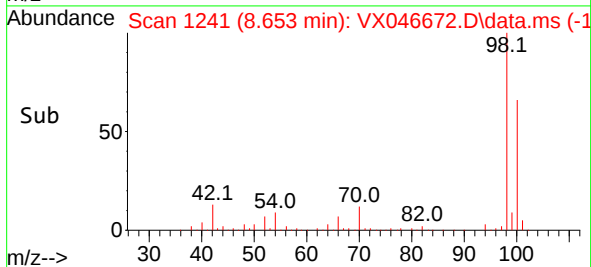
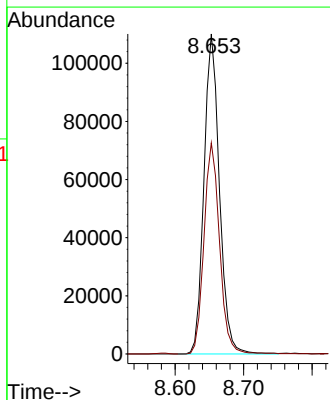
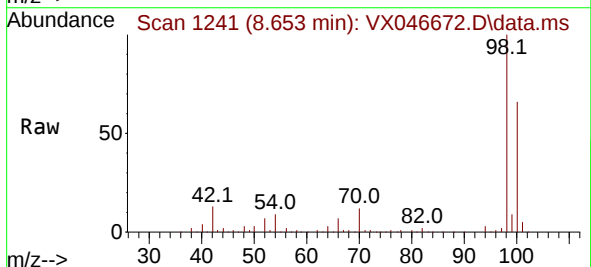
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Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 50.088 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

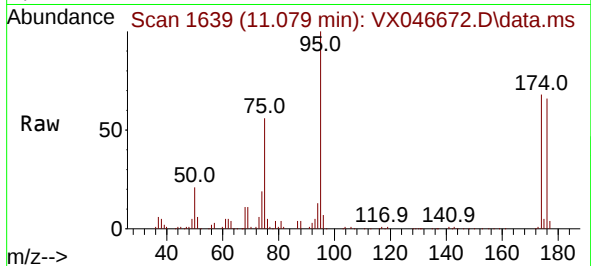
Tgt Ion: 98 Resp: 173056
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 50.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24

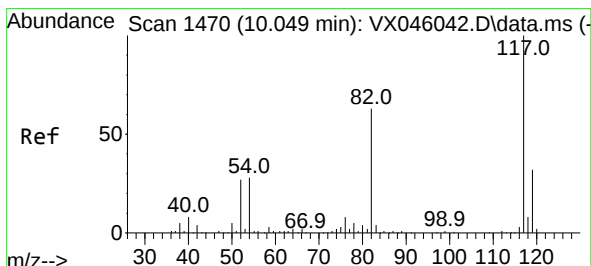
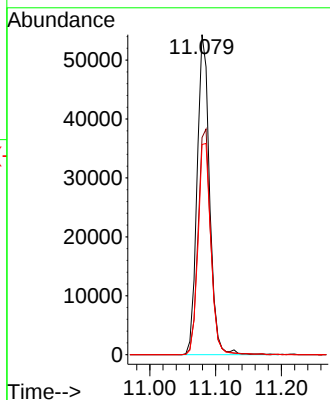
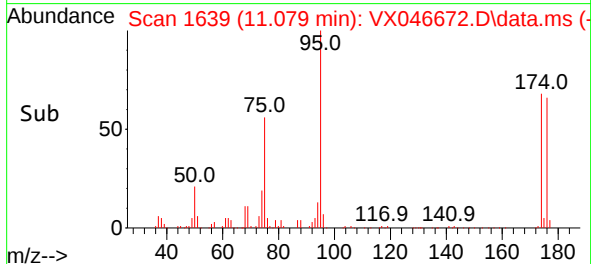
Instrument :
MSVOA_X
ClientSampleId :
PB168448TB



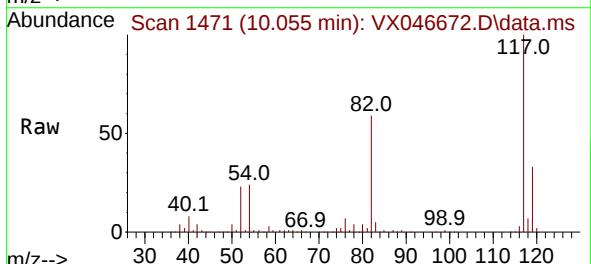
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Ion Ratio Lower Upper
95 100
174 71.3 0.0 135.8
176 68.3 0.0 131.4

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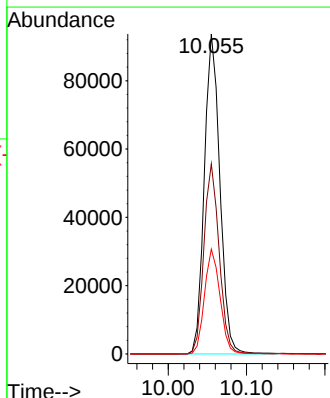
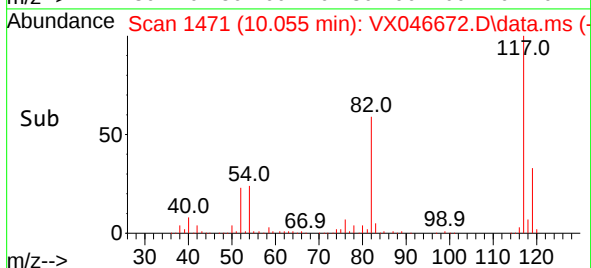
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

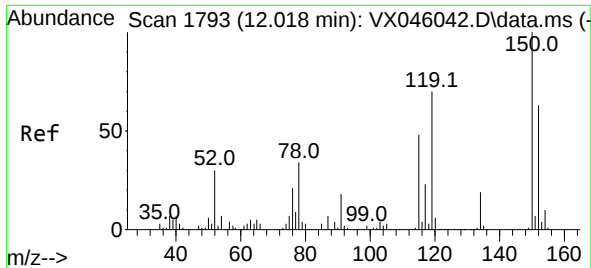


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046672.D
Acq: 12 Jun 2025 18:24



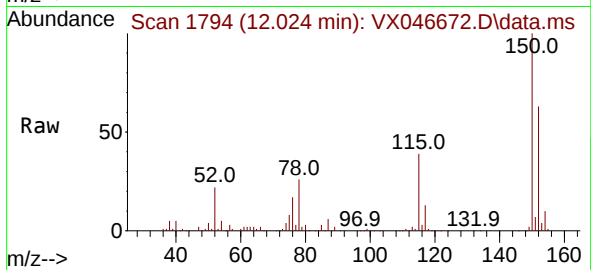
Tgt Ion:117 Resp: 129201
Ion Ratio Lower Upper
117 100
82 59.4 50.6 76.0
119 32.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046672.D
 Acq: 12 Jun 2025 18:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168448TB



Tgt Ion:152 Resp: 6618
 Ion Ratio Lower Upper
 152 100
 115 63.4 46.9 140.7
 150 157.6 0.0 351.0

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