

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046654.D
 Acq On : 11 Jun 2025 21:32
 Operator : JC/MD
 Sample : PB168370TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168370TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 02:43:02 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	127598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	237472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99221	43.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.420%		
35) Dibromofluoromethane	5.403	113	88226	50.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	8.653	98	307506	53.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.820%		
62) 4-Bromofluorobenzene	11.079	95	135119	56.721	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.440%		
Target Compounds						
						Qvalue
8) Diethyl Ether	2.154	74	6586	7.009	ug/l	77
16) Acetone	2.392	43	26662	33.954	ug/l	94
18) Methyl Acetate	2.721	43	7140	2.641	ug/l	99
20) Methylene Chloride	2.806	84	4057	2.228	ug/l #	76
25) 2-Butanone	4.587	43	9340	7.391	ug/l	98
37) Ethyl Acetate	4.745	43	4480m	1.840	ug/l	
43) Isopropyl Acetate	6.361	43	7401	1.744	ug/l	97

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

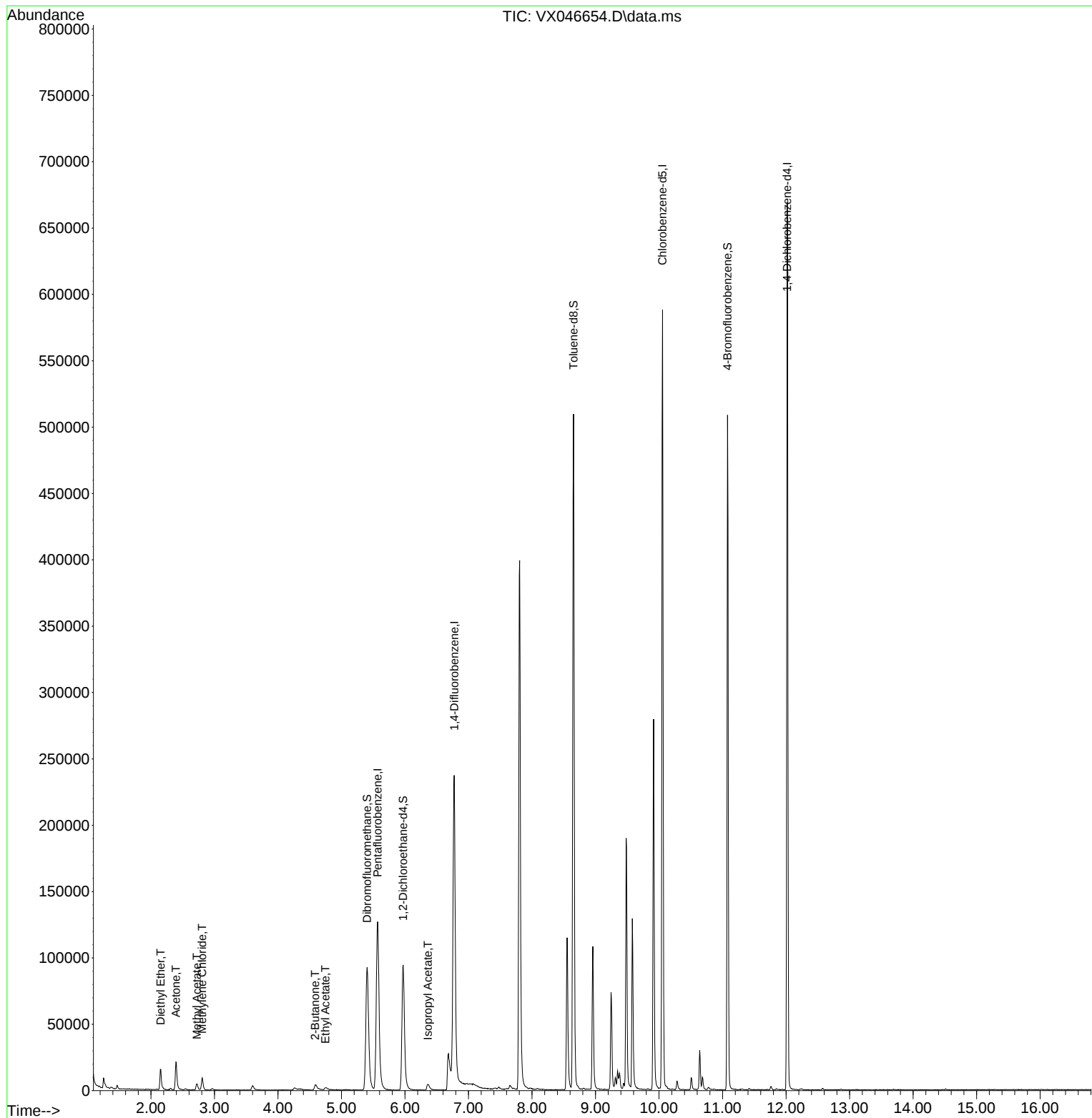
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046654.D
Acq On : 11 Jun 2025 21:32
Operator : JC/MD
Sample : PB168370TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

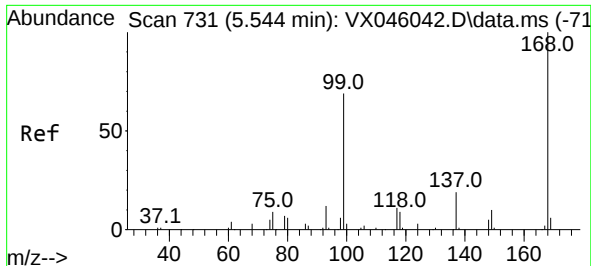
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB

Manual Integrations
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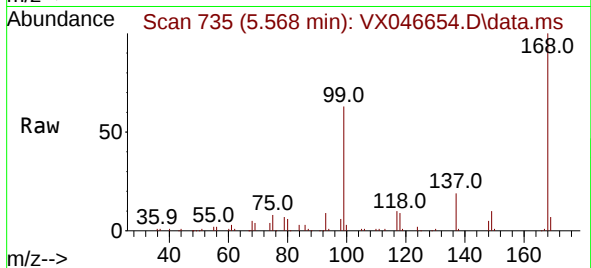
Quant Time: Jun 12 02:43:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

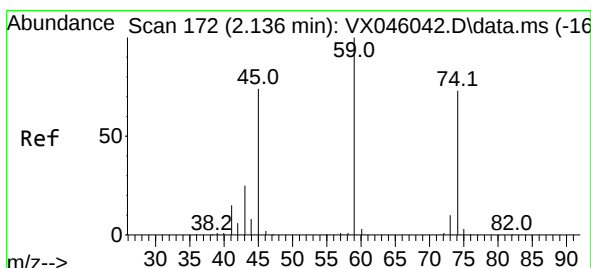
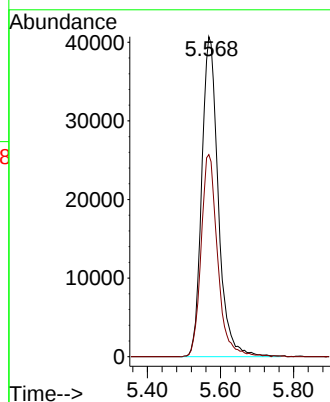
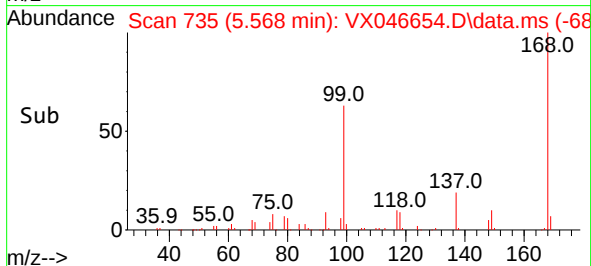
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB



Tgt Ion:168 Resp: 127598
Ion Ratio Lower Upper
168 100
99 63.2 54.9 82.3

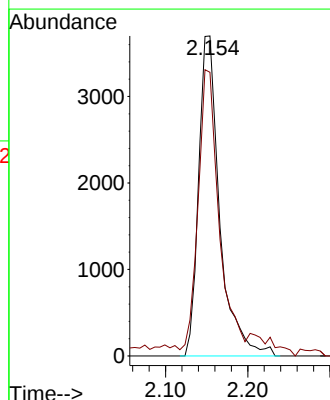
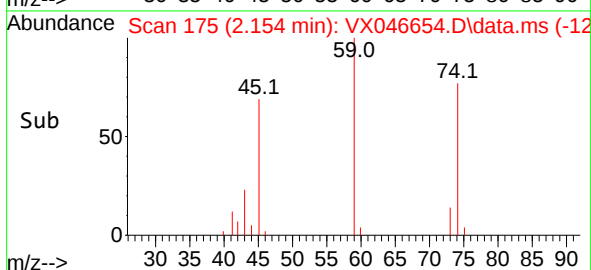
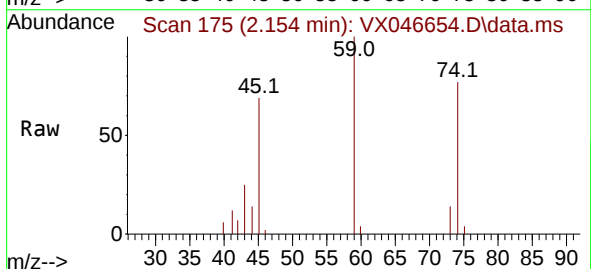
Manual Integrations
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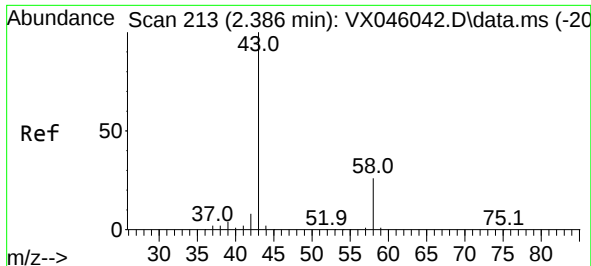
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#8
Diethyl Ether
Concen: 7.009 ug/l
RT: 2.154 min Scan# 175
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

Tgt Ion: 74 Resp: 6586
Ion Ratio Lower Upper
74 100
45 85.3 54.9 164.8





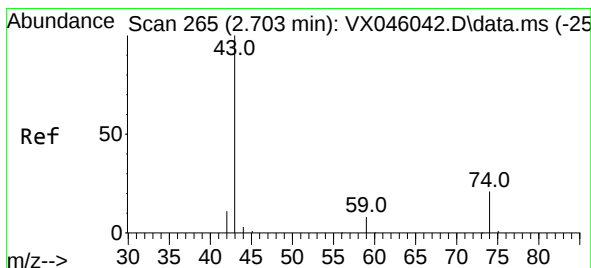
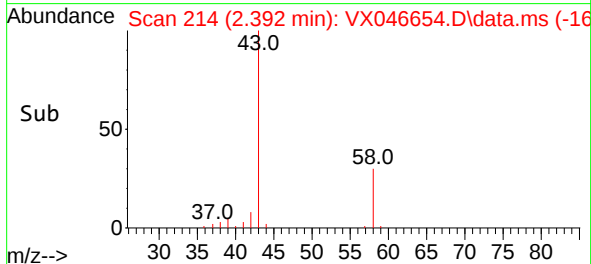
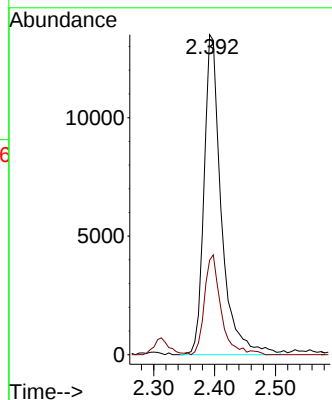
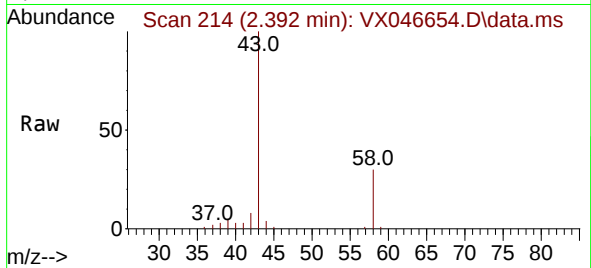
#16
Acetone
Concen: 33.954 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

Instrument :
MSVOA_X
ClientSampleId :
PB168370TB

Tgt Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8

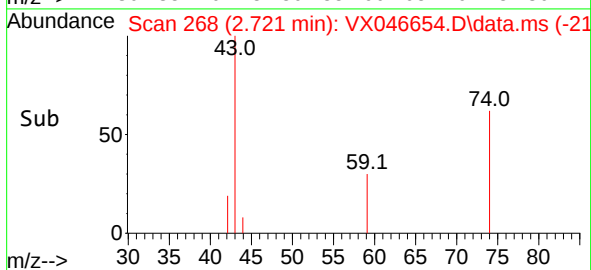
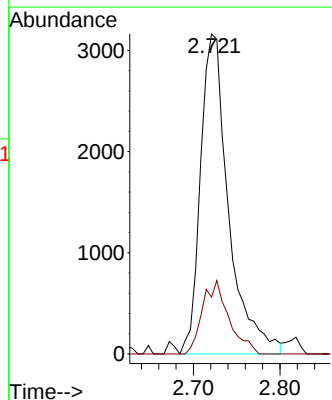
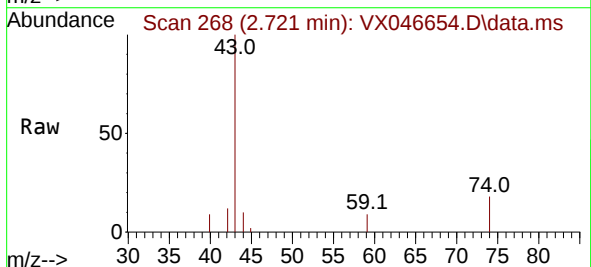
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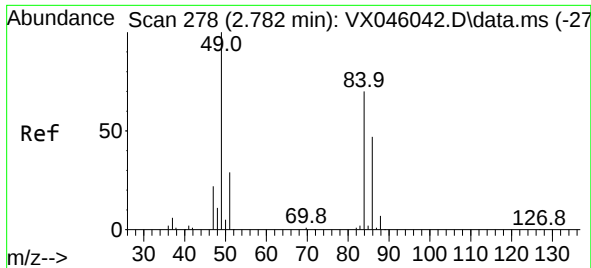
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#18
Methyl Acetate
Concen: 2.641 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

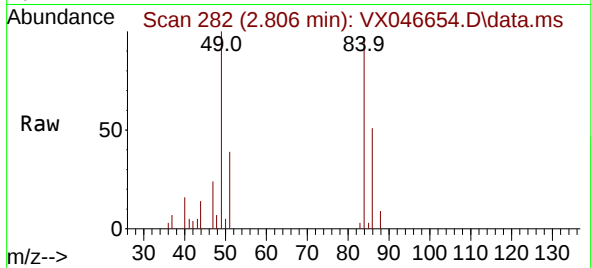
Tgt Ion: 43 Resp: 7140
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1





#20
Methylene Chloride
Concen: 2.228 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

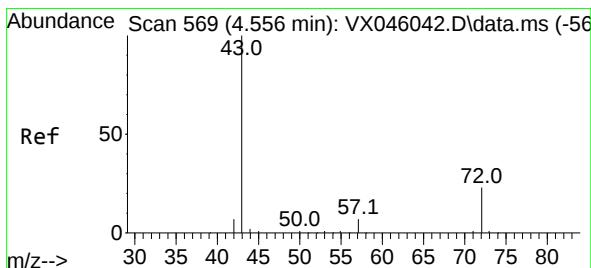
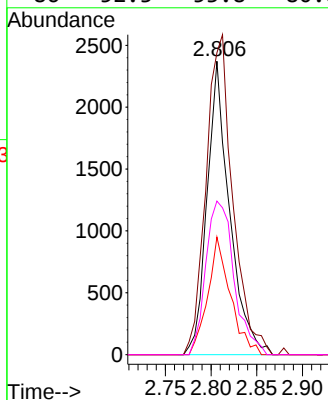
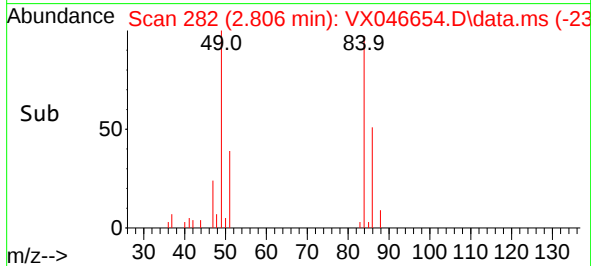
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB



Tgt Ion: 84 Resp: 405
Ion Ratio Lower Upper
84 100
49 102.9 113.9 170.9
51 40.1 33.5 50.3
86 52.3 53.8 80.8#

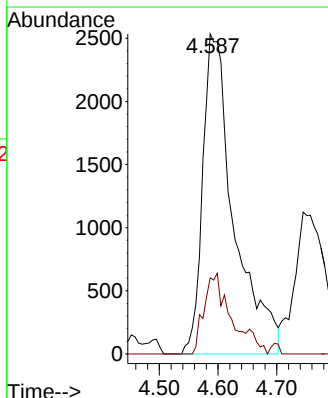
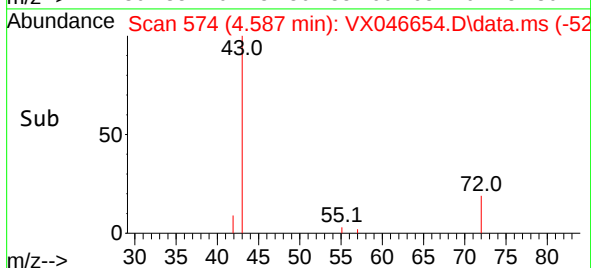
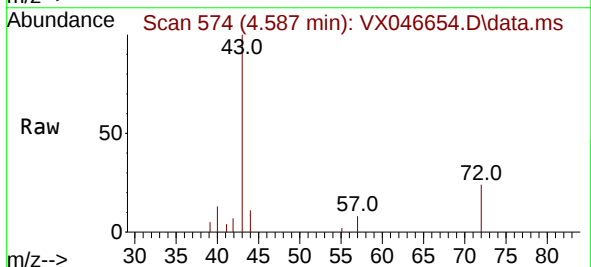
Manual Integrations
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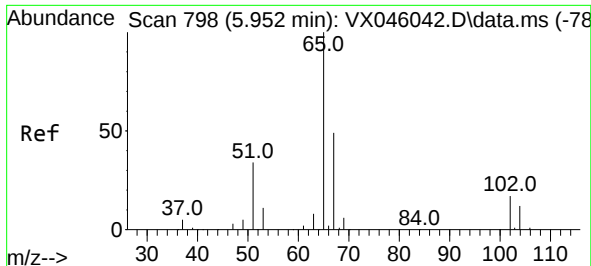
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#25
2-Butanone
Concen: 7.391 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.013 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
72 23.8 18.4 27.6





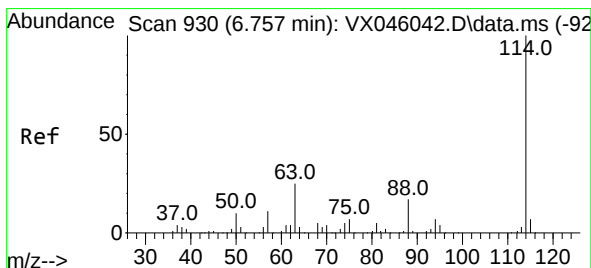
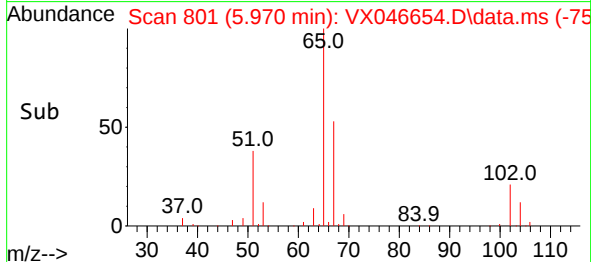
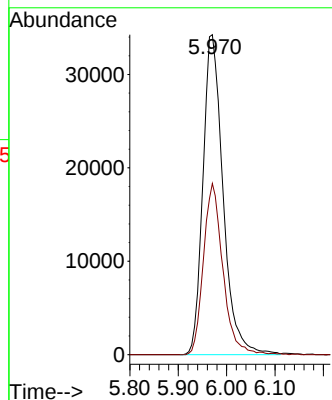
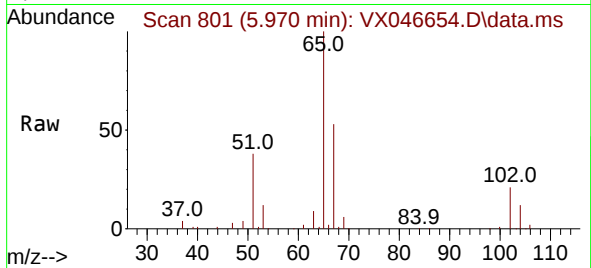
#33
1,2-Dichloroethane-d4
Concen: 43.708 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

Instrument :
MSVOA_X
ClientSampleId :
PB168370TB

Tgt Ion: 65 Resp: 9922
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.0

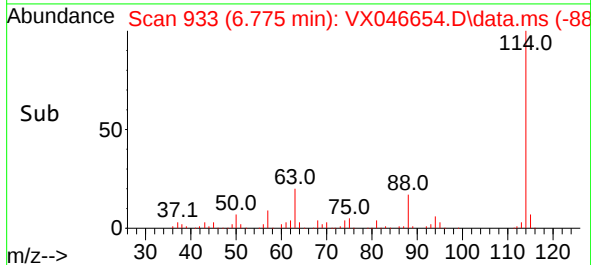
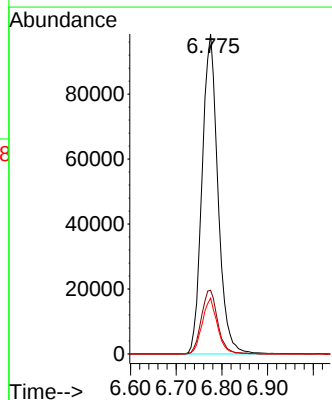
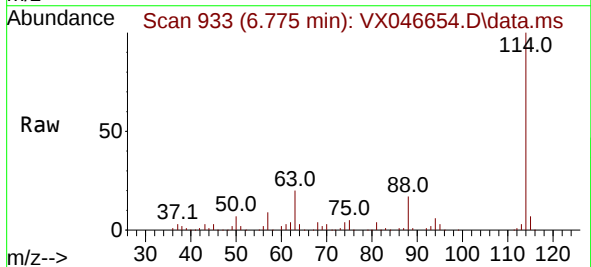
Manual Integrations
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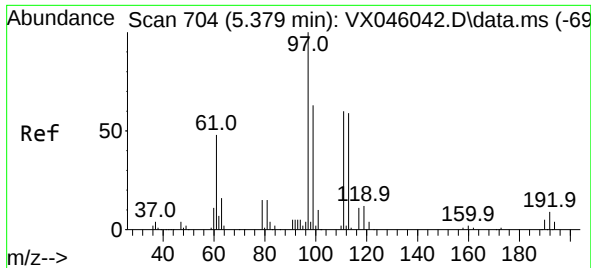
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

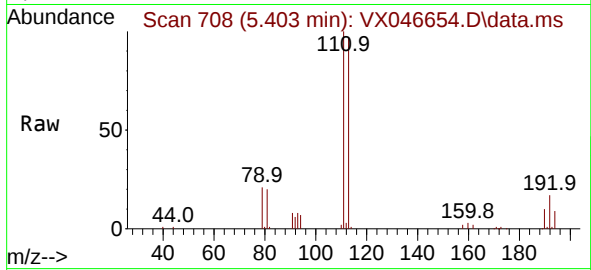
Tgt Ion:114 Resp: 237472
Ion Ratio Lower Upper
114 100
63 19.9 0.0 49.2
88 17.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.520 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

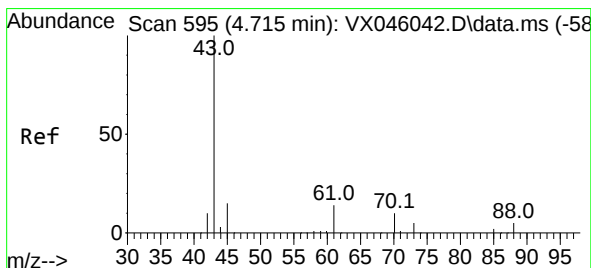
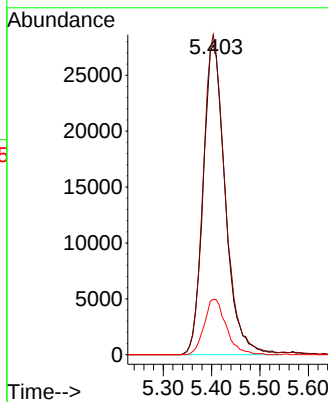
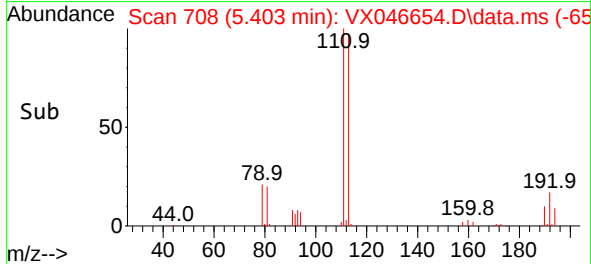
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB



Tgt Ion: 113 Resp: 88220
Ion Ratio Lower Upper
113 100
111 102.0 83.1 124.7
192 17.8 13.3 19.9

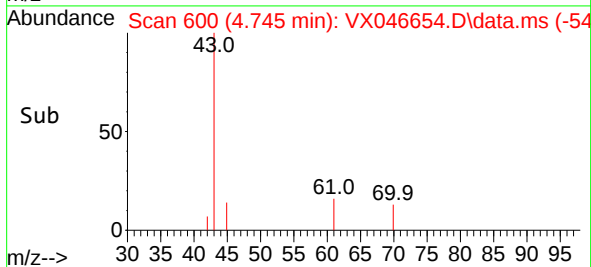
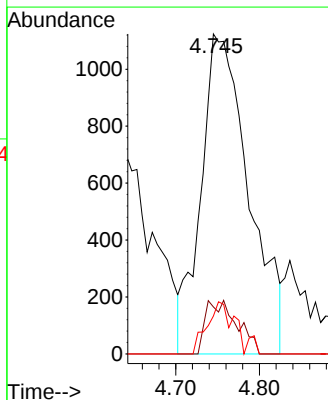
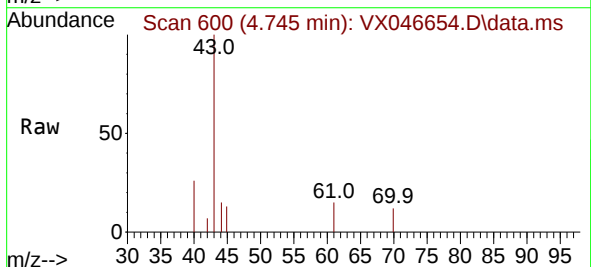
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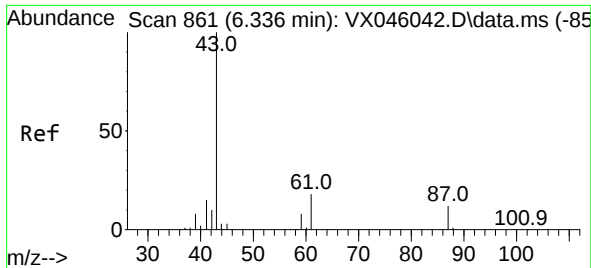
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#37
Ethyl Acetate
Concen: 1.840 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

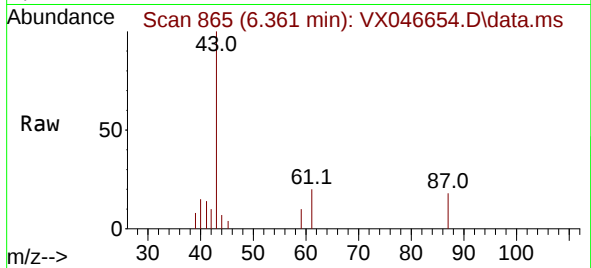
Tgt Ion: 43 Resp: 4480
Ion Ratio Lower Upper
43 100
61 10.9 10.3 15.5
70 9.8 7.9 11.9





#43
Isopropyl Acetate
Concen: 1.744 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.007 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

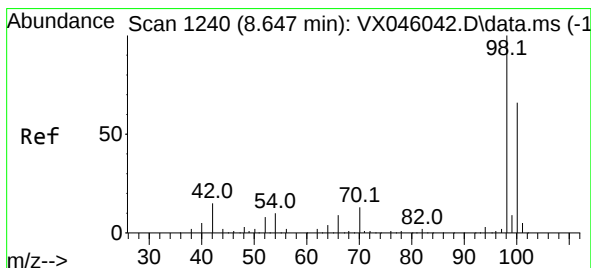
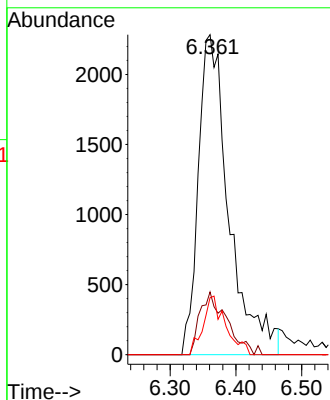
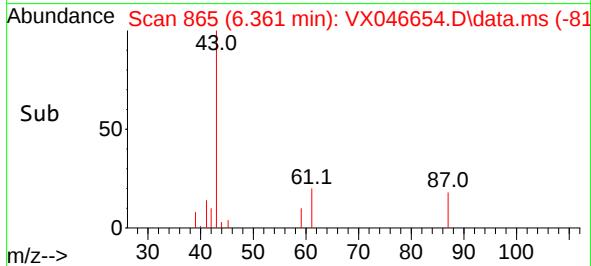
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB



Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
61 16.9 14.3 21.5
87 13.5 9.5 14.3

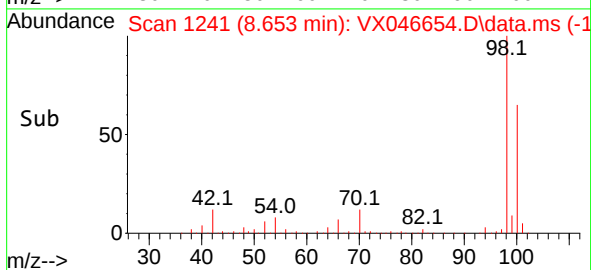
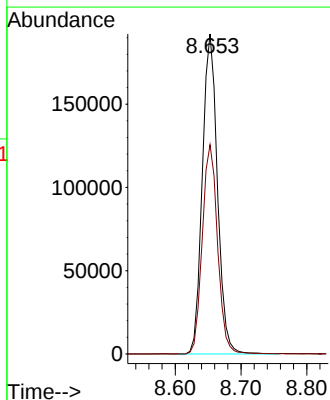
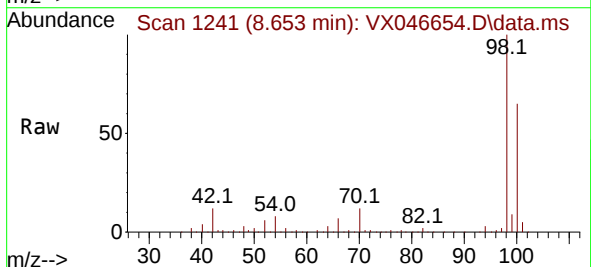
Manual Integrations
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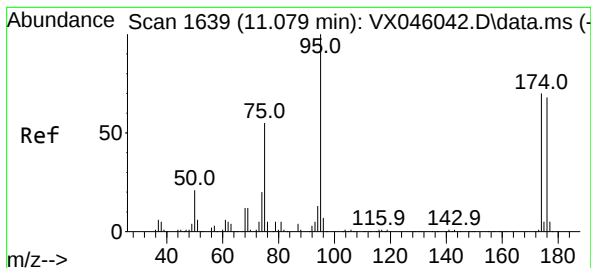
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#50
Toluene-d8
Concen: 53.409 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

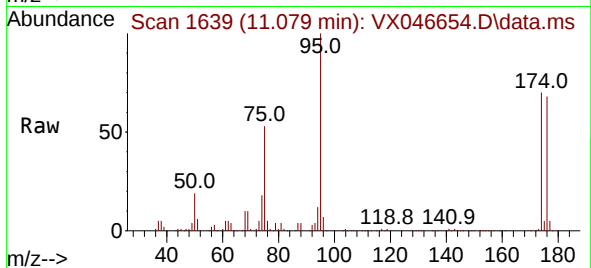
Tgt Ion: 98 Resp: 307506
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 56.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32

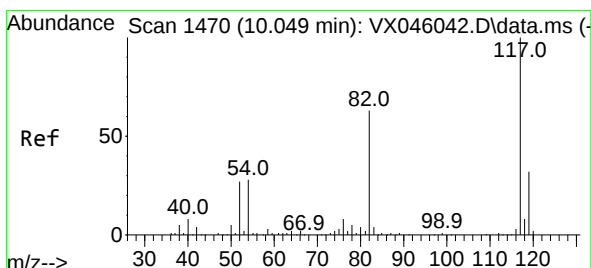
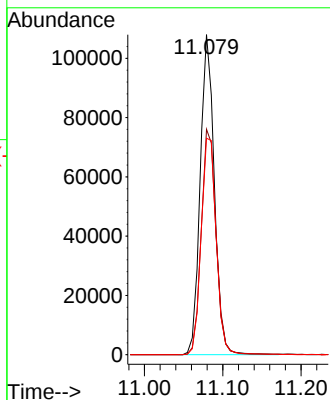
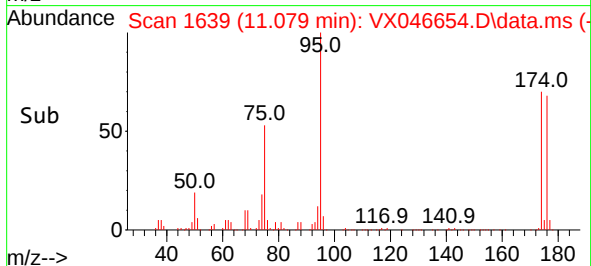
Instrument :
MSVOA_X
ClientSampleId :
PB168370TB



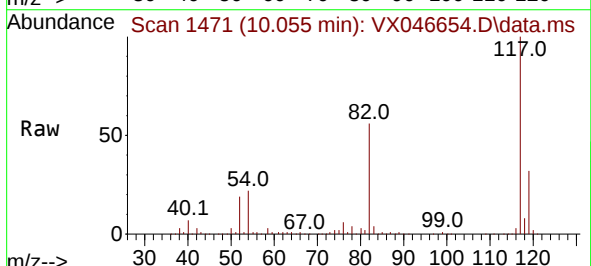
Tgt Ion: 95 Resp: 135119
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.8
176 72.4 0.0 131.4

Manual Integrations
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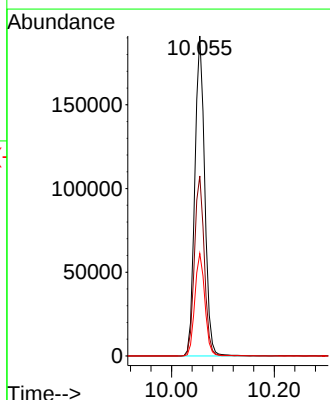
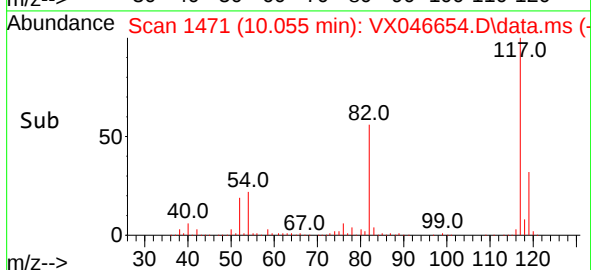
Reviewed By :John Carlone 06/12/2025
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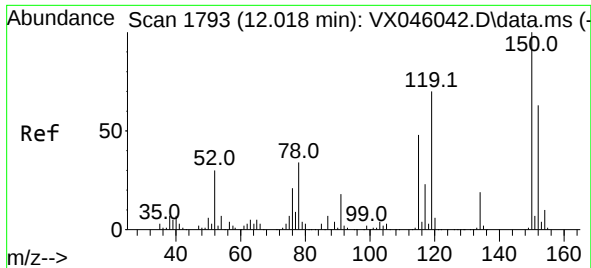


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046654.D
Acq: 11 Jun 2025 21:32



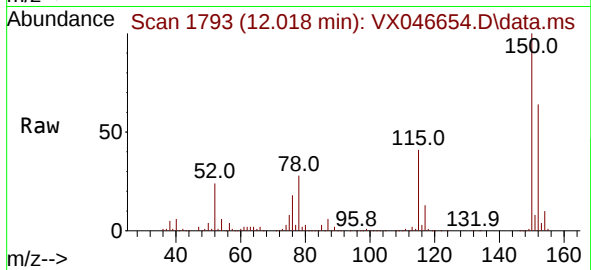
Tgt Ion:117 Resp: 256124
Ion Ratio Lower Upper
117 100
82 56.2 50.6 76.0
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046654.D
 Acq: 11 Jun 2025 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 PB168370TB



Tgt Ion:152 Resp: 133878
 Ion Ratio Lower Upper
 152 100
 115 62.8 46.9 140.7
 150 156.4 0.0 351.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

