

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046564.D
 Acq On : 07 Jun 2025 07:44
 Operator : JC/MD
 Sample : Q2226-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP06-MHI-WC

Quant Time: Jun 07 08:05:11 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	119665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103550	48.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.280%		
35) Dibromofluoromethane	5.403	113	77218	44.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.440%		
50) Toluene-d8	8.653	98	297158	52.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.380%		
62) 4-Bromofluorobenzene	11.079	95	137428	58.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.680%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.148	74	27675	31.405	ug/l	88
16) Acetone	2.392	43	14796	21.967	ug/l	98
18) Methyl Acetate	2.721	43	11349	4.475	ug/l	99
20) Methylene Chloride	2.806	84	3027	1.772	ug/l	97
37) Ethyl Acetate	4.751	43	7713m	3.204	ug/l	
43) Isopropyl Acetate	6.361	43	4241	1.010	ug/l	97

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

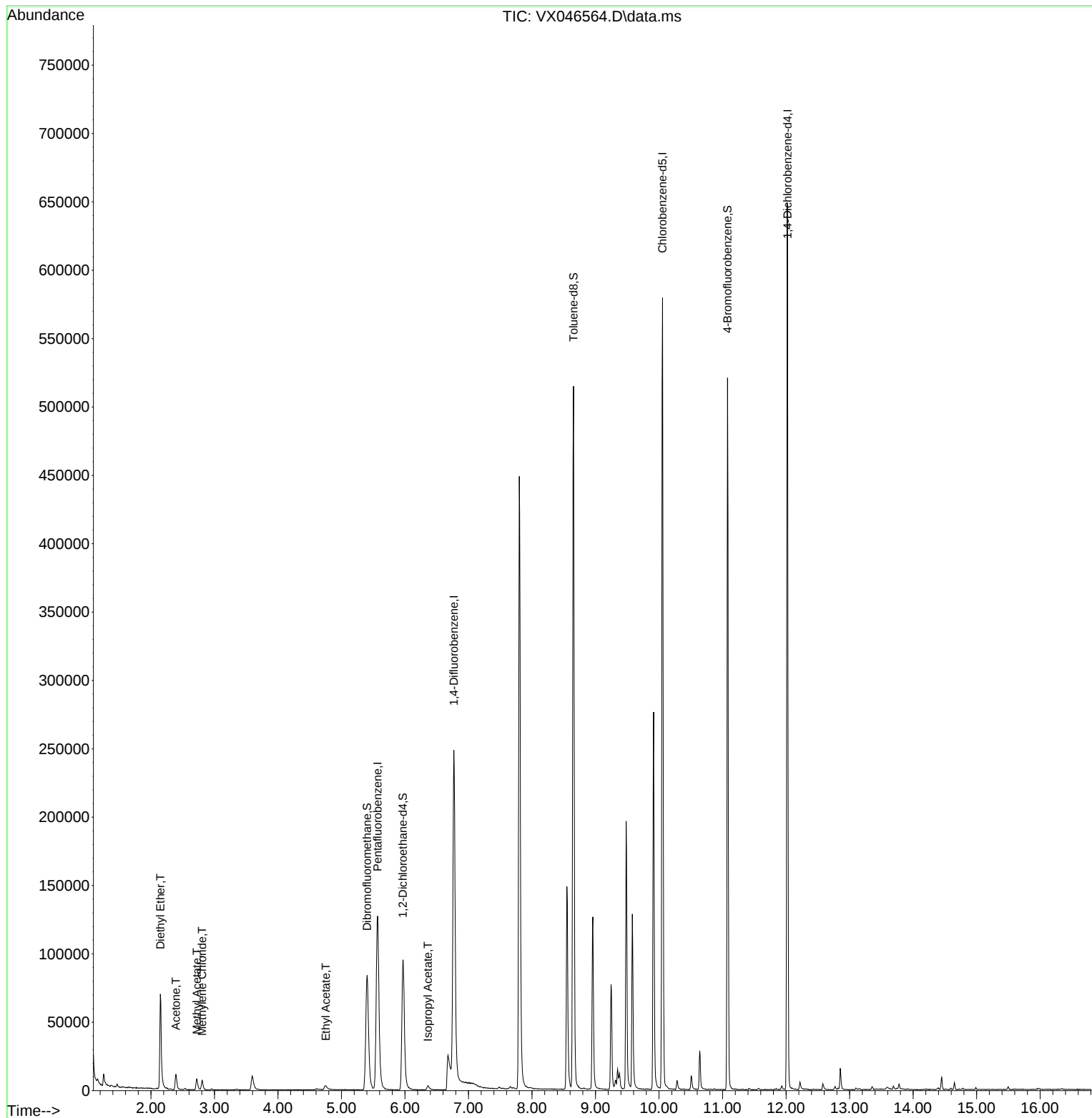
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
Data File : VX046564.D
Acq On : 07 Jun 2025 07:44
Operator : JC/MD
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ALS Vial : 53 Sample Multiplier: 1

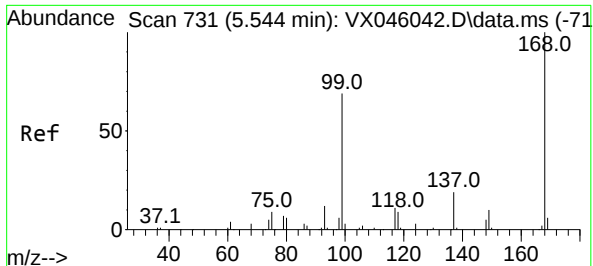
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC

Quant Time: Jun 07 08:05:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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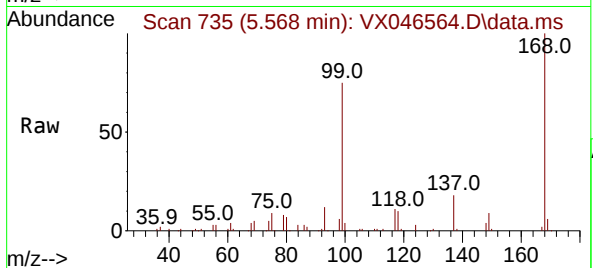
Reviewed By : John Carlone 06/09/2025
Supervised By : Mahesh Dadoda 06/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

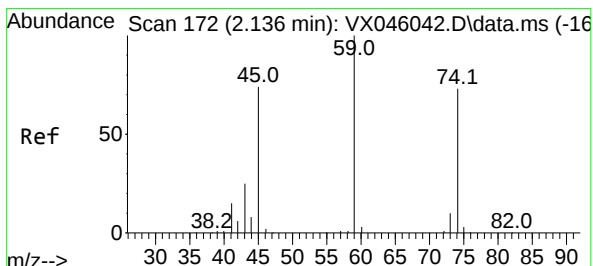
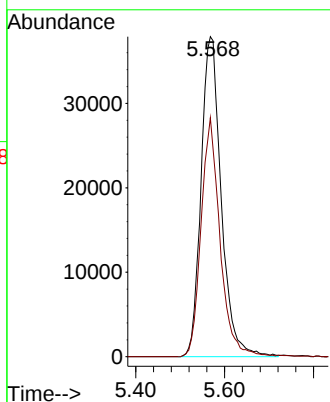
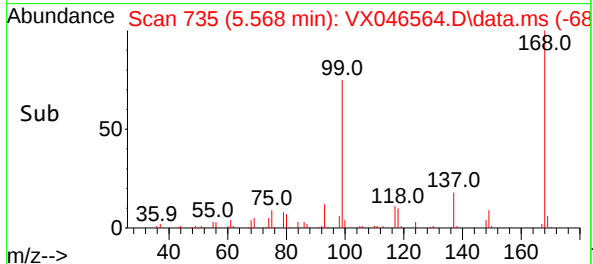
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC



Tgt Ion:168 Resp: 11966
Ion Ratio Lower Upper
168 100
99 74.7 54.9 82.3

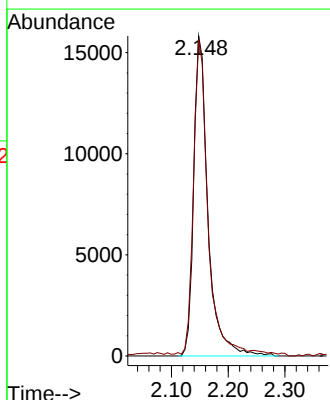
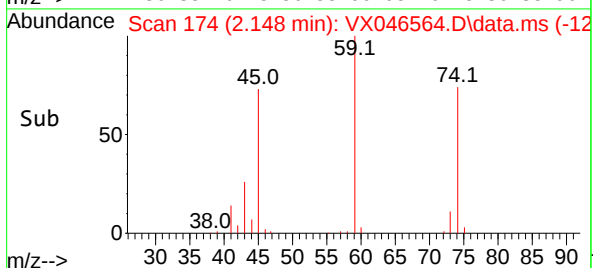
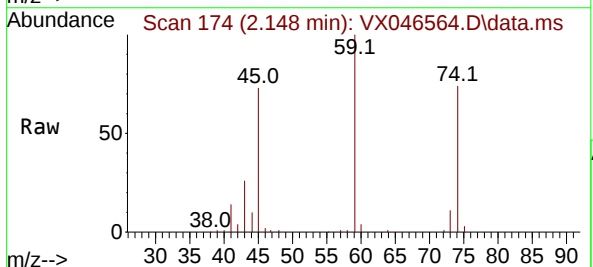
Manual Integrations
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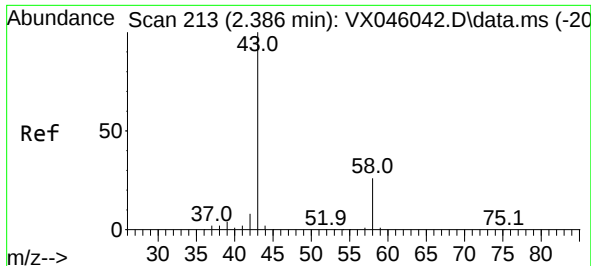
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#8
Diethyl Ether
Concen: 31.405 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

Tgt Ion: 74 Resp: 27675
Ion Ratio Lower Upper
74 100
45 97.4 54.9 164.8





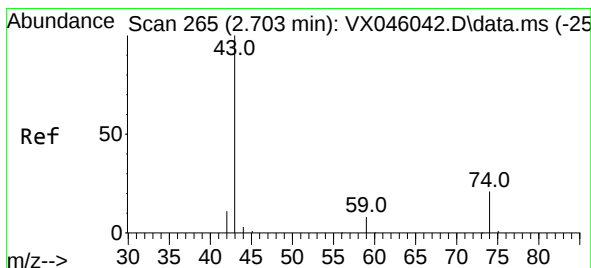
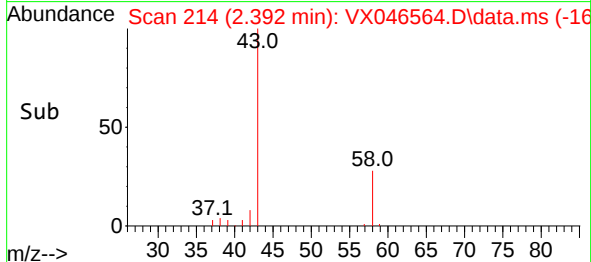
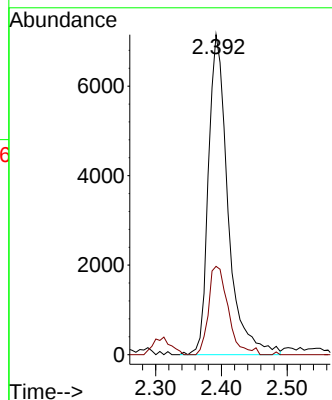
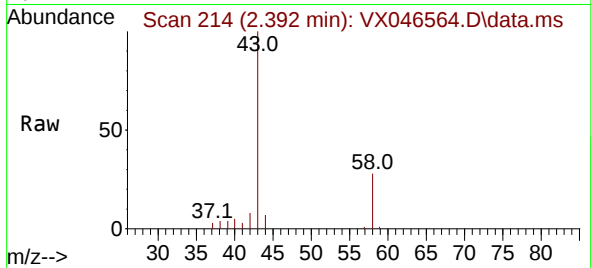
#16
Acetone
Concen: 21.967 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC

Tgt Ion: 43 Resp: 14790
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8

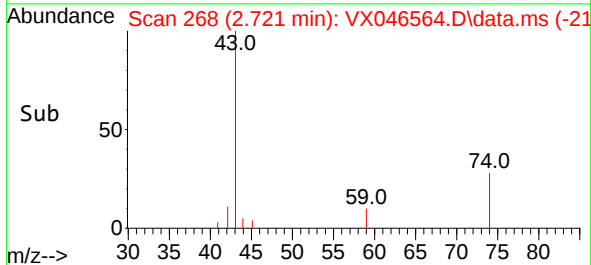
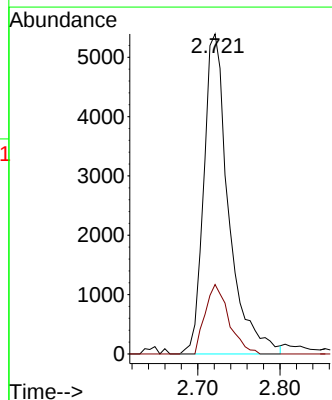
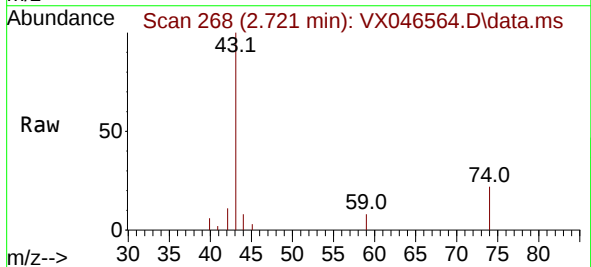
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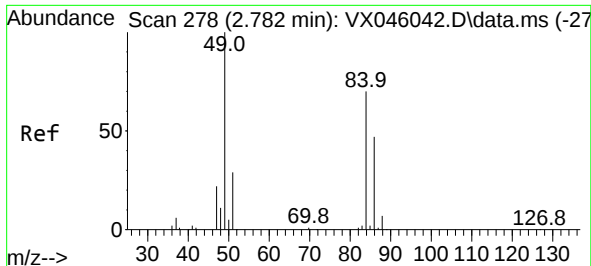
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 4.475 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

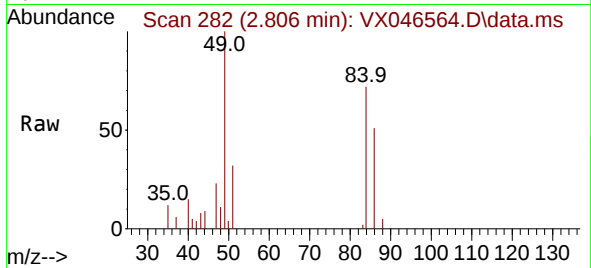
Tgt Ion: 43 Resp: 11349
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1





#20
Methylene Chloride
Concen: 1.772 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

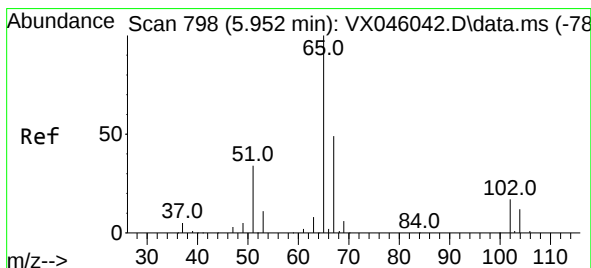
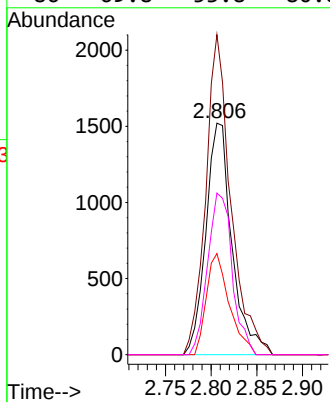
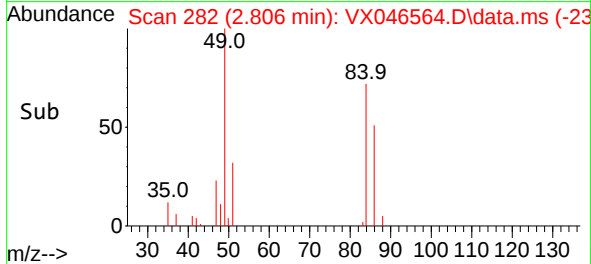
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC



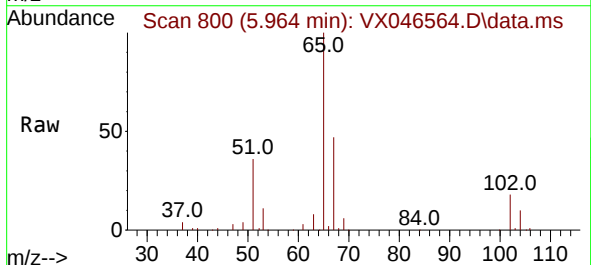
Tgt Ion: 84 Resp: 302
Ion Ratio Lower Upper
84 100
49 138.2 113.9 170.9
51 43.7 33.5 50.3
86 69.8 53.8 80.8

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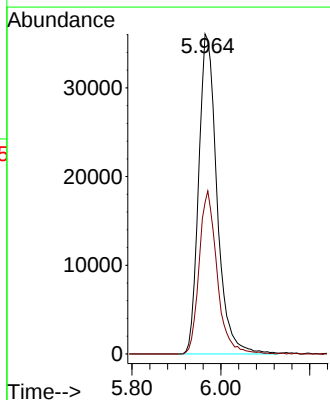
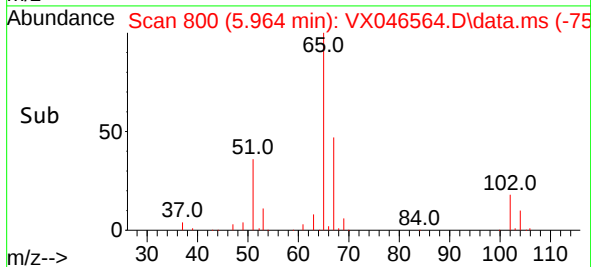
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

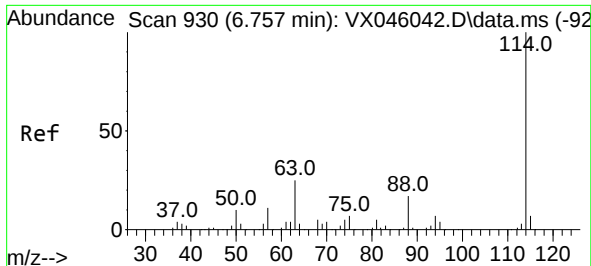


#33
1,2-Dichloroethane-d4
Concen: 48.639 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44



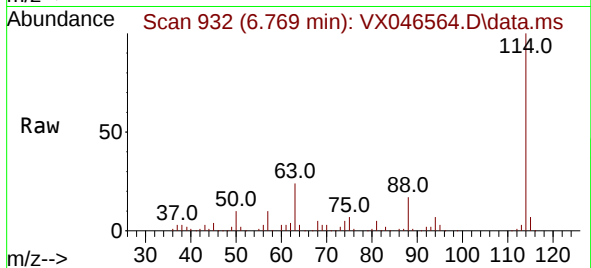
Tgt Ion: 65 Resp: 103550
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

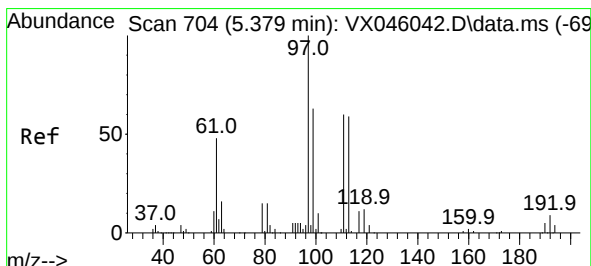
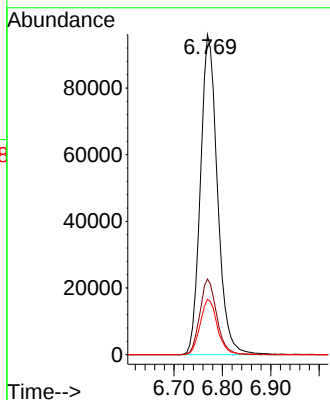
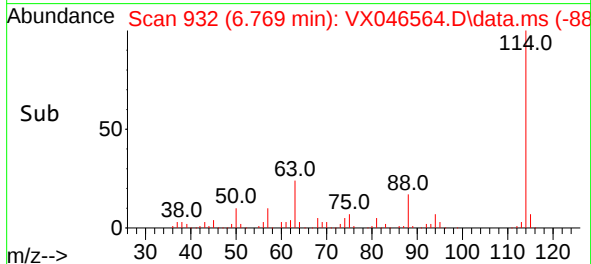
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC



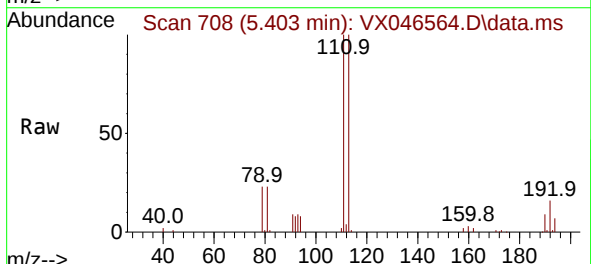
Tgt Ion:114 Resp: 23482
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.4 0.0 33.6

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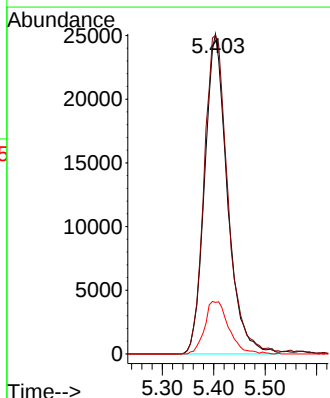
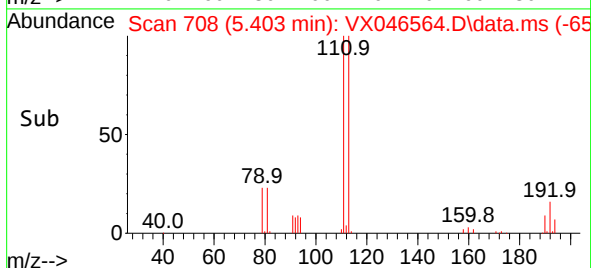
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

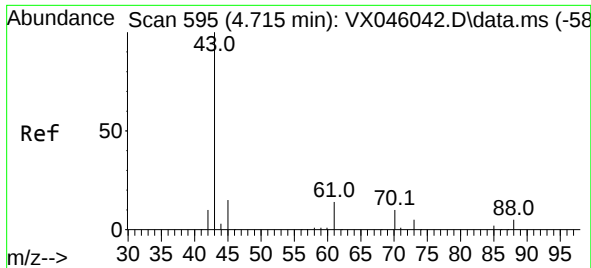


#35
Dibromofluoromethane
Concen: 44.716 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44



Tgt Ion:113 Resp: 77218
Ion Ratio Lower Upper
113 100
111 104.3 83.1 124.7
192 17.2 13.3 19.9





#37

Ethyl Acetate

Concen: 3.204 ug/l m

RT: 4.751 min Scan# 601

Delta R.T. 0.018 min

Lab File: VX046564.D

Acq: 07 Jun 2025 07:44

Instrument :

MSVOA_X

ClientSampleId :

TP06-MHI-WC

Tgt Ion: 43 Resp: 771

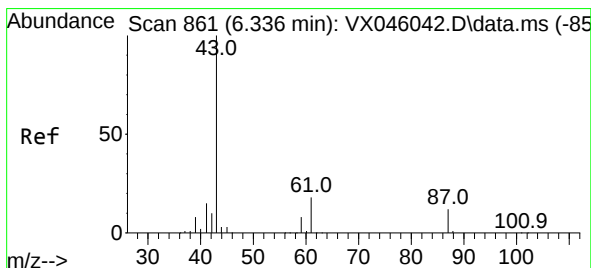
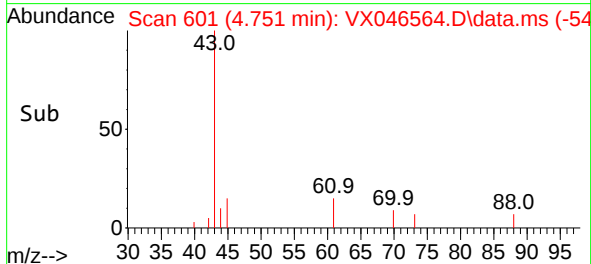
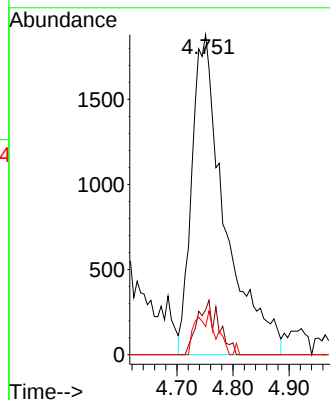
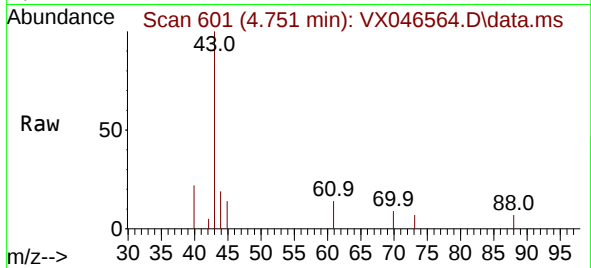
Ion	Ratio	Lower	Upper
43	100		
61	10.9	10.3	15.5
70	8.2	7.9	11.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/09/2025



#43

Isopropyl Acetate

Concen: 1.010 ug/l

RT: 6.361 min Scan# 865

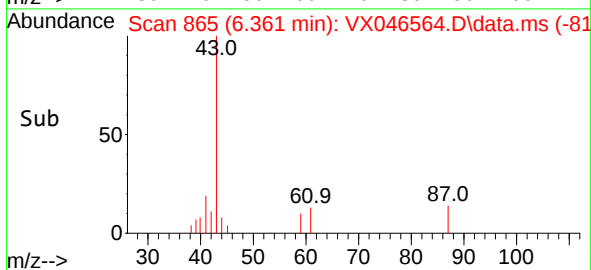
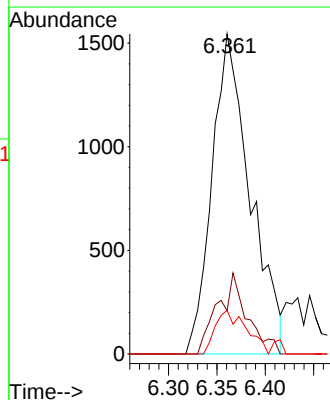
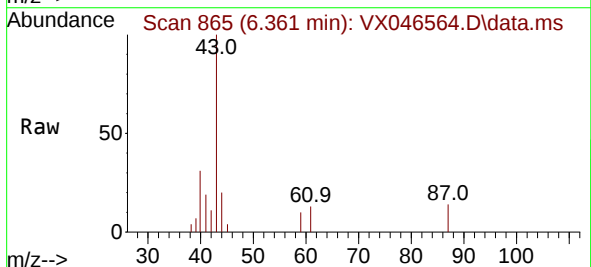
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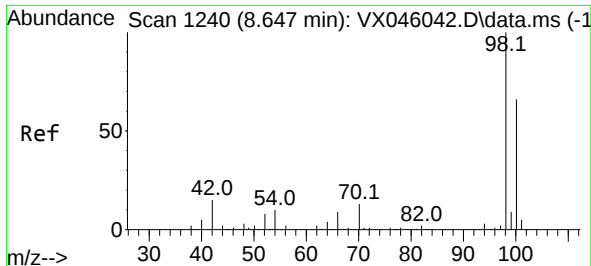
Lab File: VX046564.D

Acq: 07 Jun 2025 07:44

Tgt Ion: 43 Resp: 4241

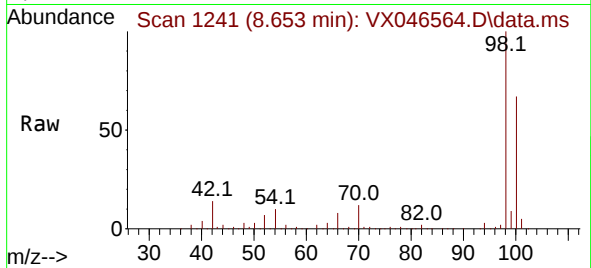
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.3	21.5
87	11.1	9.5	14.3





#50
Toluene-d8
Concen: 52.195 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

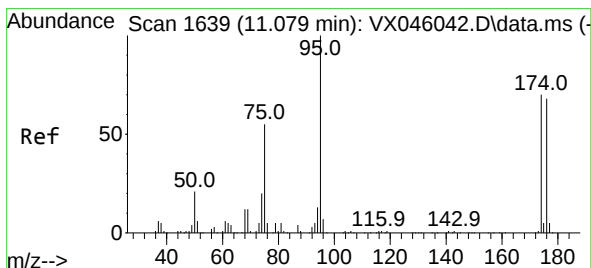
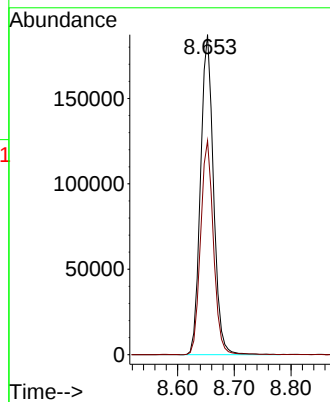
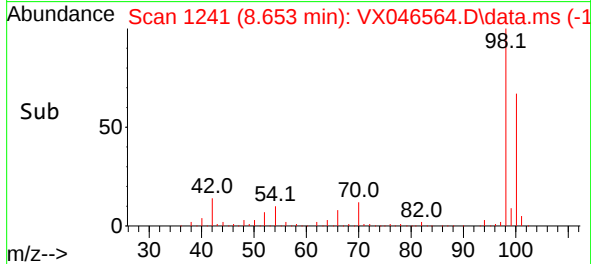
Instrument :
MSVOA_X
ClientSampleId :
TP06-MHI-WC



Tgt Ion: 98 Resp: 297158
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3

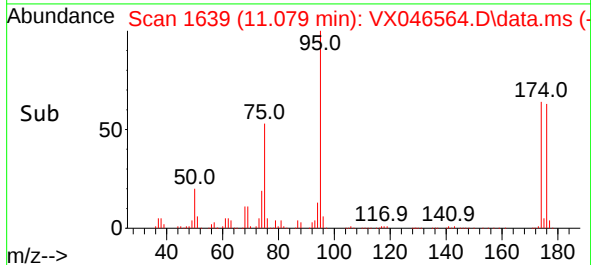
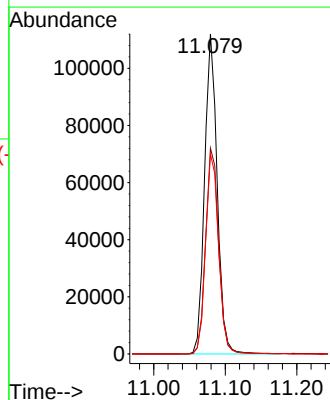
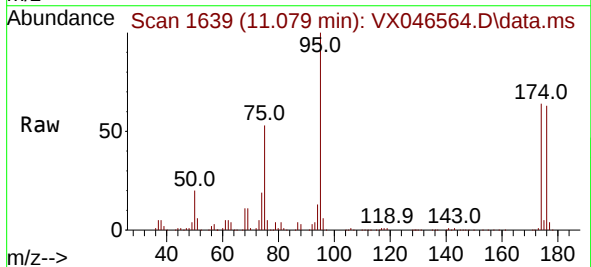
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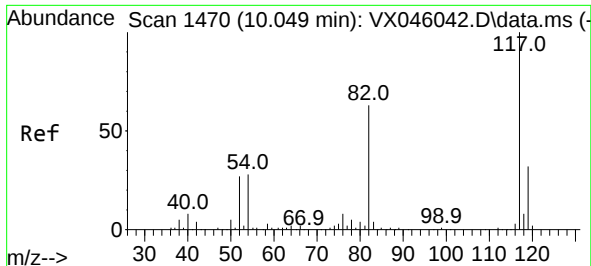
Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 58.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

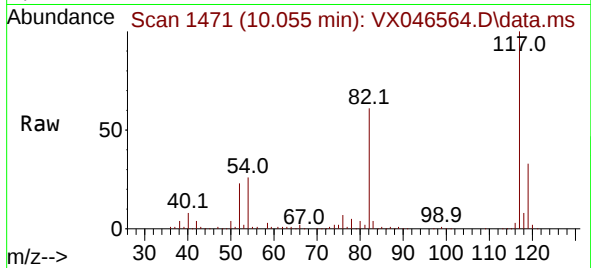
Tgt Ion: 95 Resp: 137428
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44

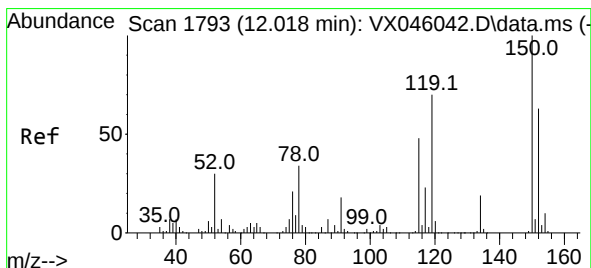
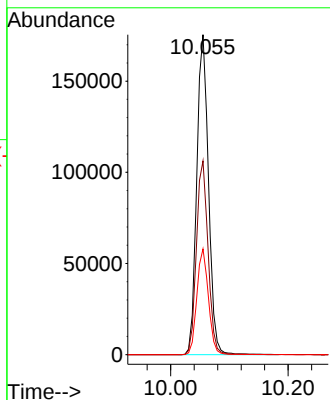
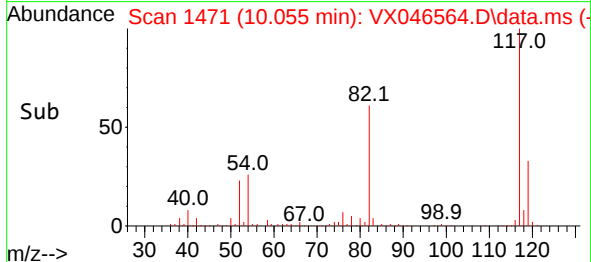
Instrument :
MSVOA_X
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TP06-MHI-WC



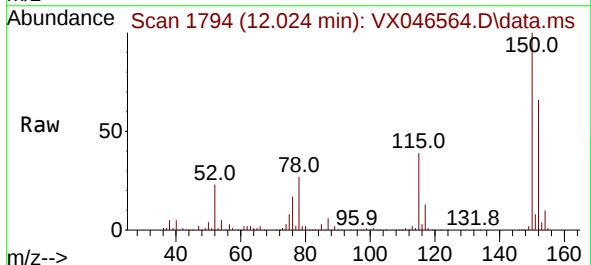
Tgt Ion:117 Resp: 243630
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 33.1 25.8 38.6

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046564.D
Acq: 07 Jun 2025 07:44



Tgt Ion:152 Resp: 124538
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 157.6 0.0 351.0

