

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039217.D
 Acq On : 26 Sep 2025 16:50
 Operator : SY/MD
 Sample : Q3195-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-32S-091725

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/28/2025
 Supervised By :mohammad ahmed 10/28/2025

Quant Time: Sep 29 07:53:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	339546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	617241	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	641272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	293243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	306687	62.408	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 124.820%#			
35) Dibromofluoromethane	4.503	113	290412	58.526	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 117.060%			
50) Toluene-d8	7.240	98	683404	46.893	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.780%			
62) 4-Bromofluorobenzene	10.002	95	255689	42.617	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 85.240%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.085	101	33493	6.294	ug/l	99
27) cis-1,2-Dichloroethene	3.831	96	8375m	1.393	ug/l	
44) Trichloroethene	5.854	130	9552	1.694	ug/l	88
64) Tetrachloroethene	7.905	164	6243	1.162	ug/l	89

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

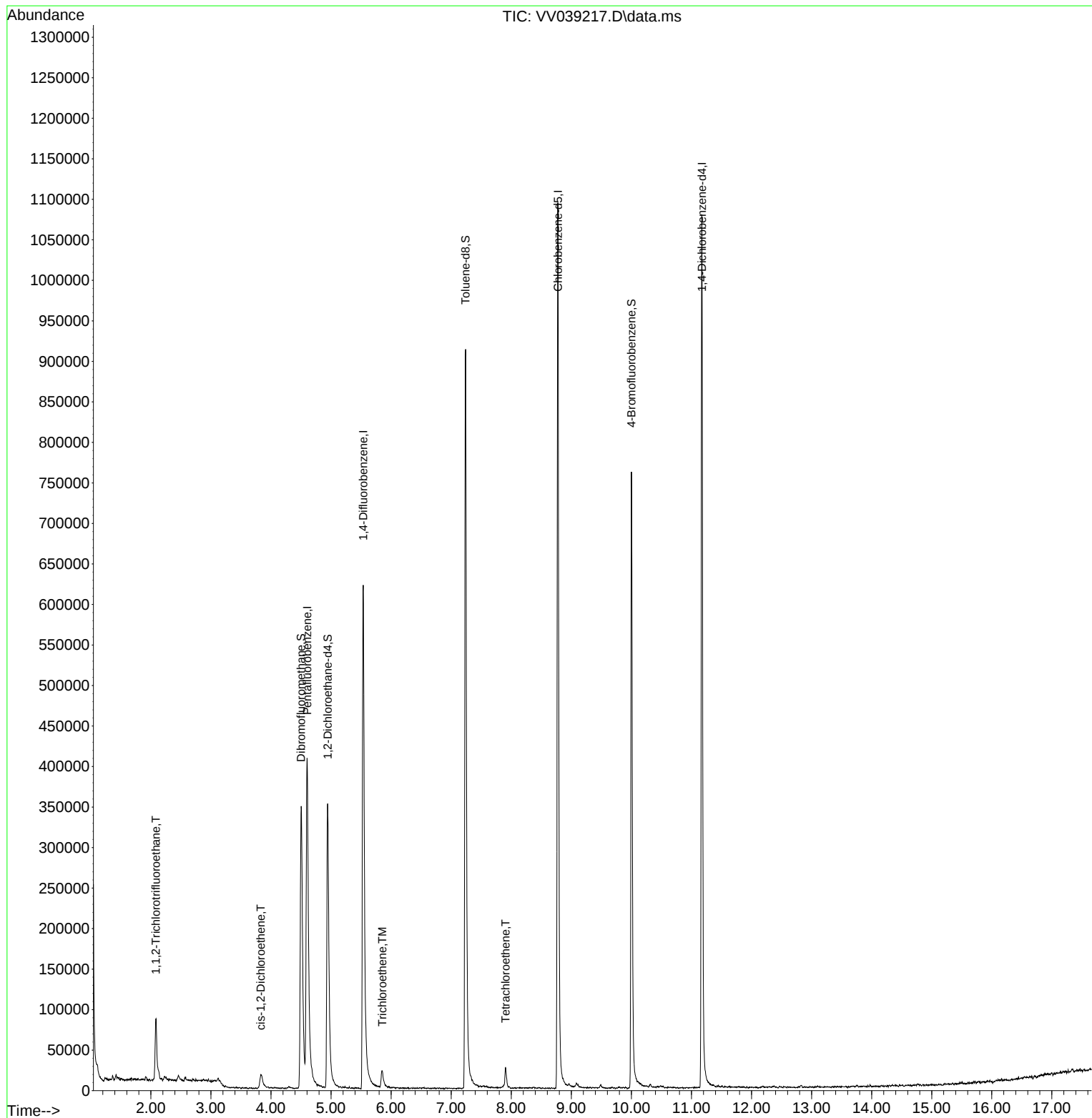
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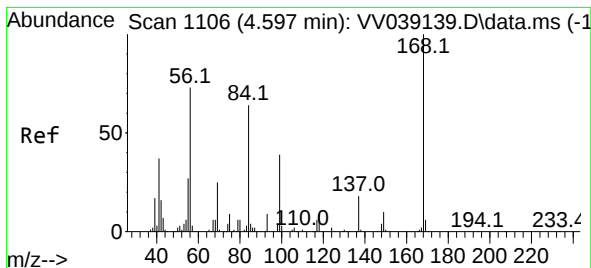
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Quant Time: Sep 29 07:53:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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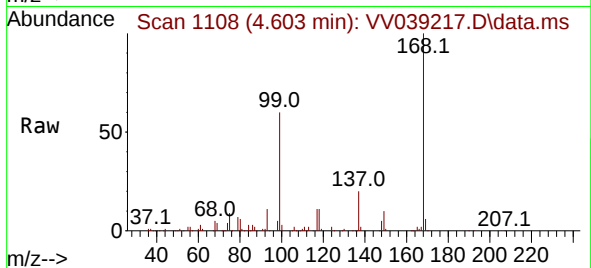
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Supervised By :mohammad ahmed 10/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50

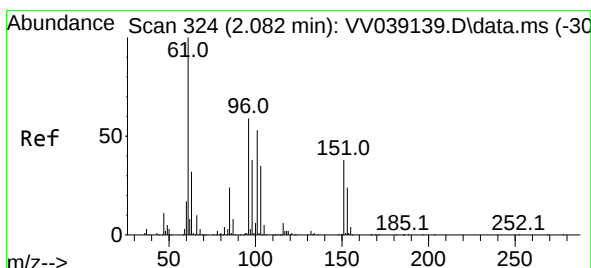
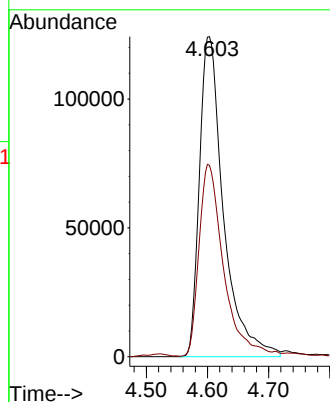
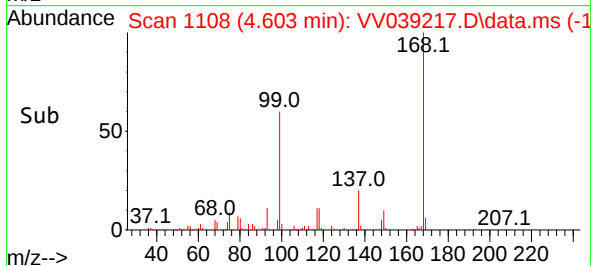
Instrument :
MSVOA_V
ClientSampleId :
MW-32S-091725



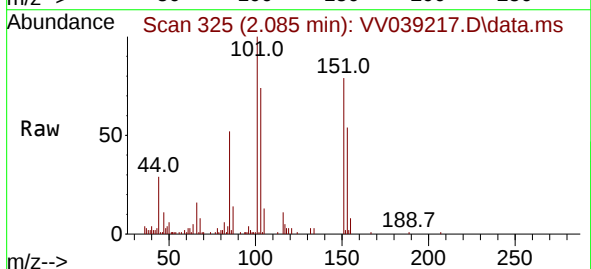
Tgt Ion:168 Resp: 339540
Ion Ratio Lower Upper
168 100
99 59.6 49.6 74.4

Manual Integrations
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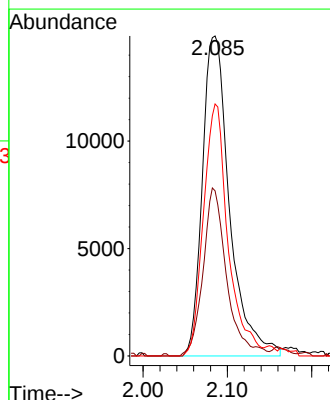
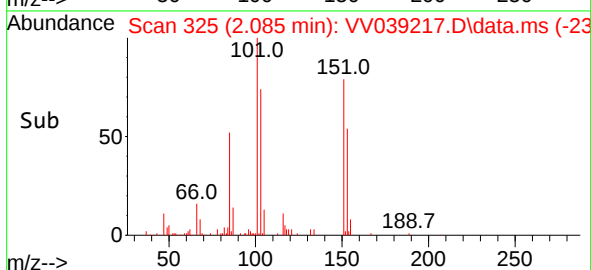
Reviewed By :Mahesh Dadoda 10/28/2025
Supervised By :mohammad ahmed 10/28/2025

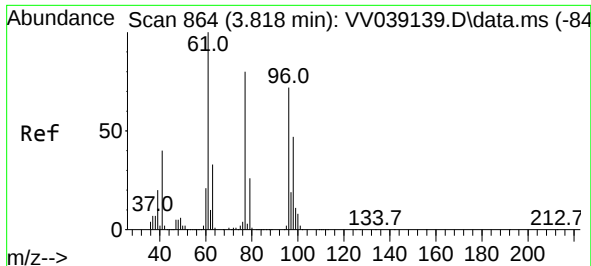


#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.294 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50



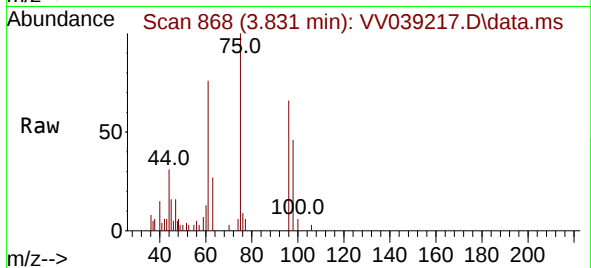
Tgt Ion:101 Resp: 33493
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.2
151 71.1 56.3 84.5





#27
 cis-1,2-Dichloroethene
 Concen: 1.393 ug/l m
 RT: 3.831 min Scan# 864
 Delta R.T. 0.013 min
 Lab File: VV039217.D
 Acq: 26 Sep 2025 16:50

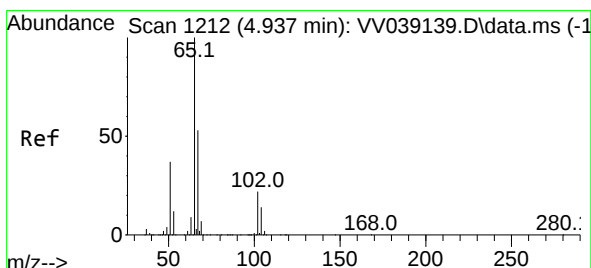
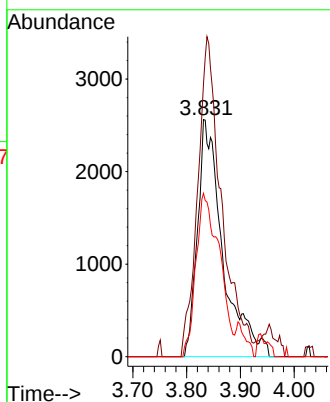
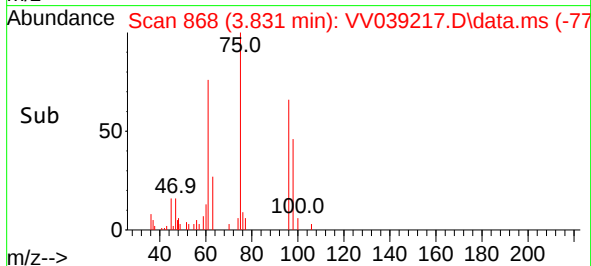
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-32S-091725



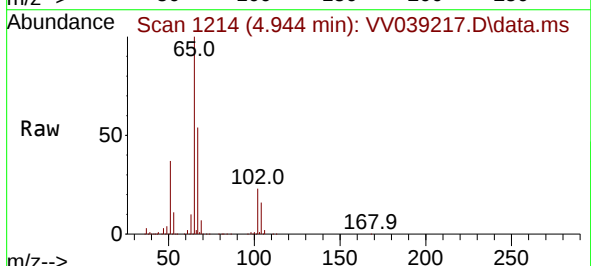
Tgt Ion: 96 Resp: 837
 Ion Ratio Lower Upper
 96 100
 61 127.3 0.0 286.4
 98 64.4 0.0 126.6

Manual Integrations
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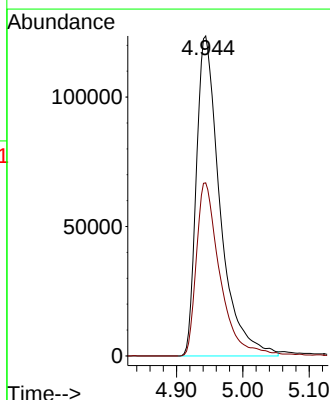
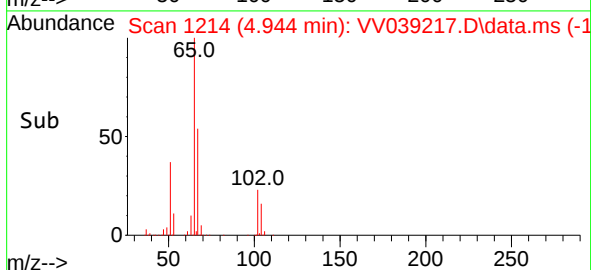
Reviewed By :Mahesh Dadoda 10/28/2025
 Supervised By :mohammad ahmed 10/28/2025

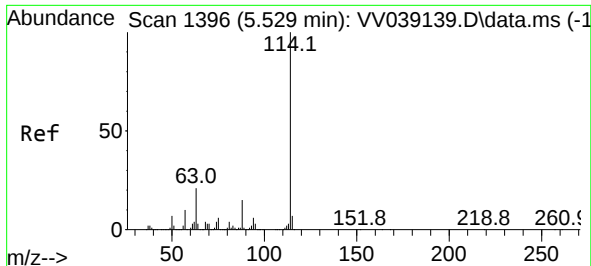


#33
 1,2-Dichloroethane-d4
 Concen: 62.408 ug/l
 RT: 4.944 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VV039217.D
 Acq: 26 Sep 2025 16:50



Tgt Ion: 65 Resp: 306687
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039217.D

Acq: 26 Sep 2025 16:50

Instrument :

MSVOA_V

ClientSampleId :

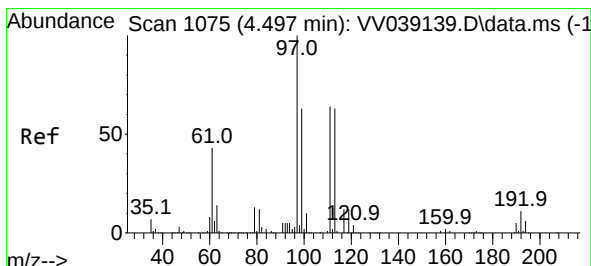
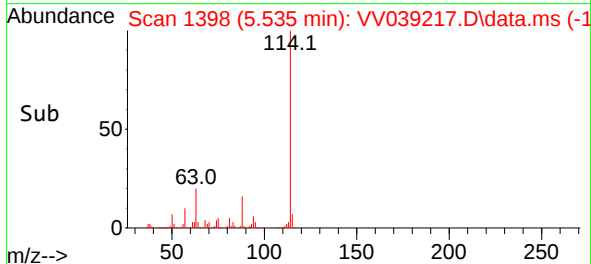
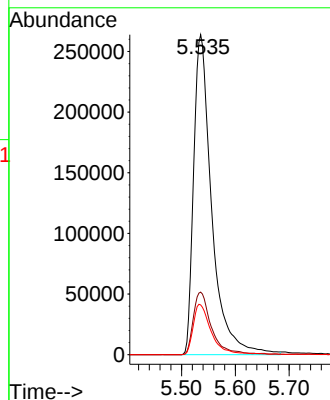
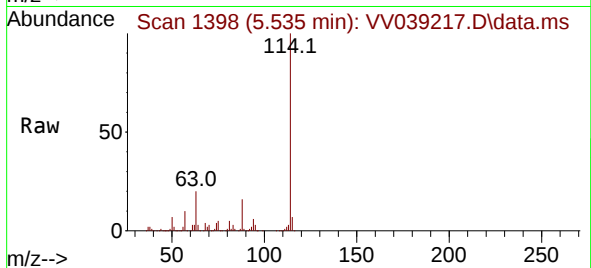
MW-32S-091725

Tgt Ion:	114	Resp:	61724
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	42.6
88	15.6	0.0	30.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 58.526 ug/l

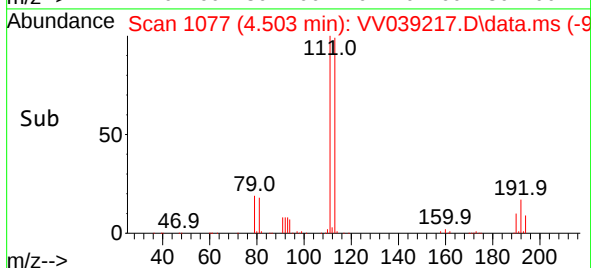
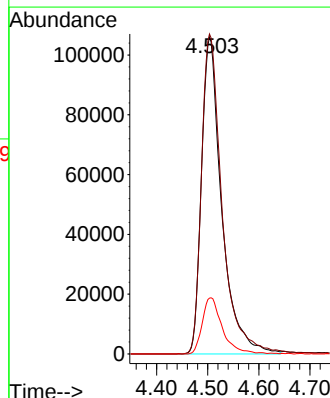
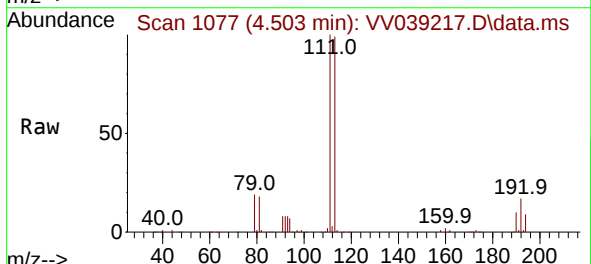
RT: 4.503 min Scan# 1077

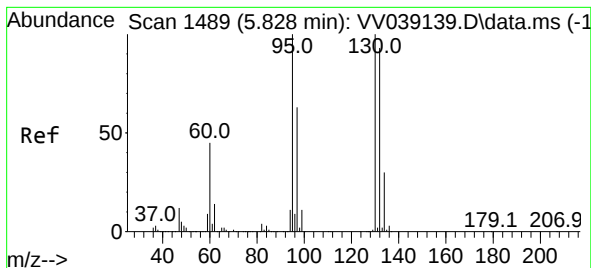
Delta R.T. 0.006 min

Lab File: VV039217.D

Acq: 26 Sep 2025 16:50

Tgt Ion:	113	Resp:	290412
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.4	123.6
192	17.5	13.8	20.8





#44

Trichloroethene

Concen: 1.694 ug/l

RT: 5.854 min Scan# 1489

Delta R.T. 0.026 min

Lab File: VV039217.D

Acq: 26 Sep 2025 16:50

Instrument :

MSVOA_V

ClientSampleId :

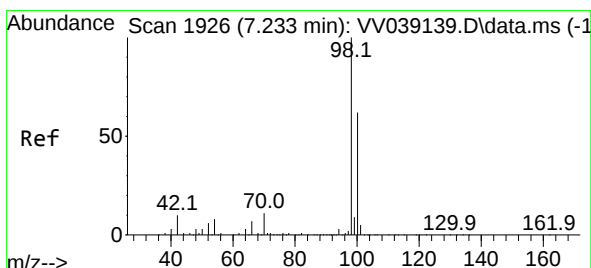
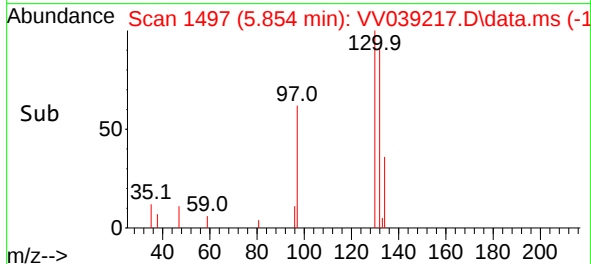
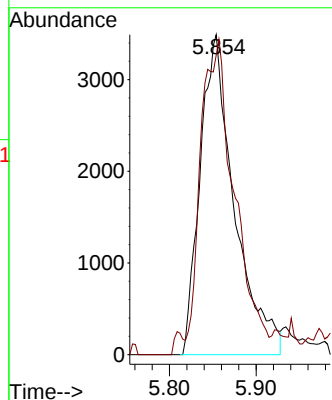
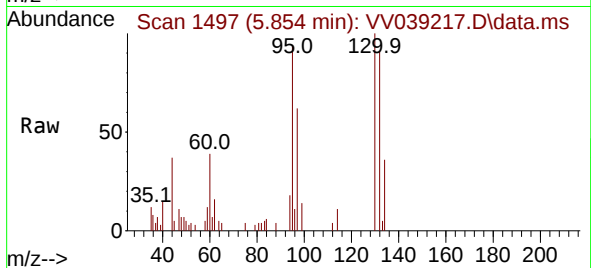
MW-32S-091725

Tgt Ion:130 Resp: 955
 Ion Ratio Lower Upper
 130 100
 95 87.5 0.0 199.2

Manual Integrations

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 Supervised By :mohammad ahmed 10/28/2025



#50

Toluene-d8

Concen: 46.893 ug/l

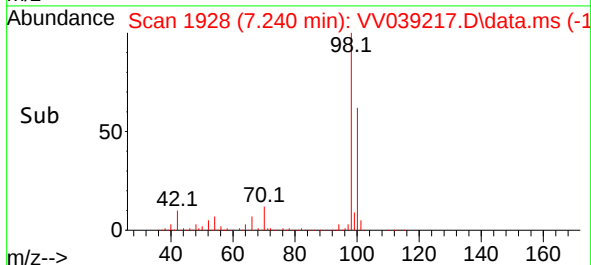
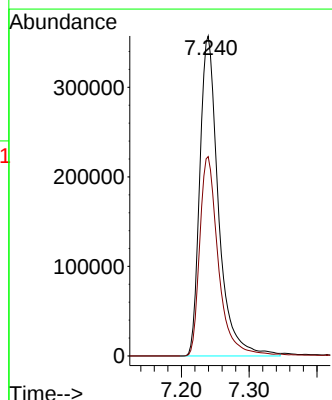
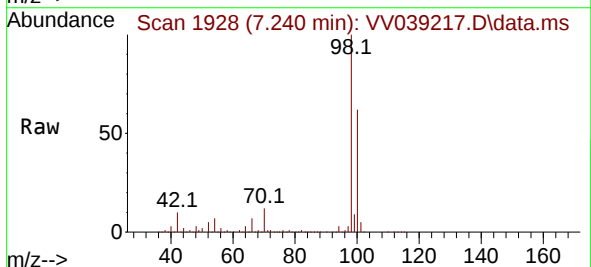
RT: 7.240 min Scan# 1928

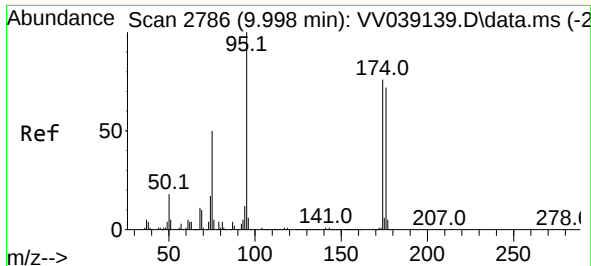
Delta R.T. 0.007 min

Lab File: VV039217.D

Acq: 26 Sep 2025 16:50

Tgt Ion: 98 Resp: 683404
 Ion Ratio Lower Upper
 98 100
 100 62.2 52.2 78.2





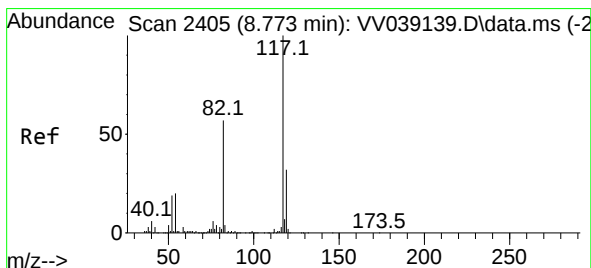
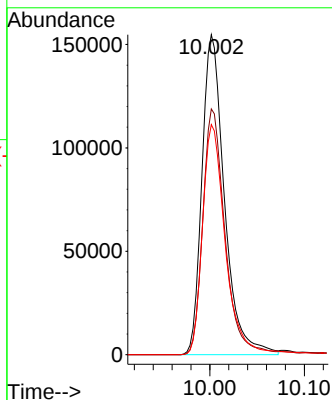
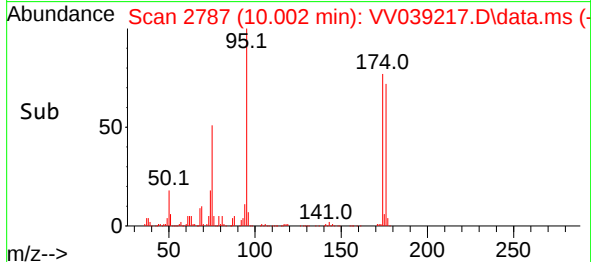
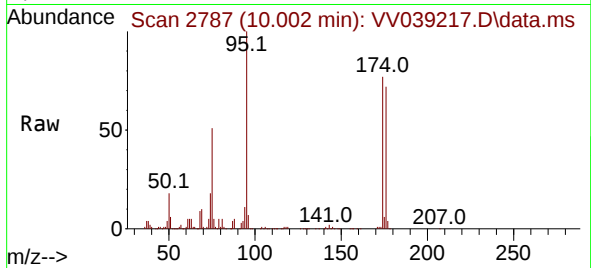
#62
4-Bromofluorobenzene
Concen: 42.617 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50

Instrument :
MSVOA_V
ClientSampleId :
MW-32S-091725

Tgt Ion: 95 Resp: 255689
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.3 0.0 144.2

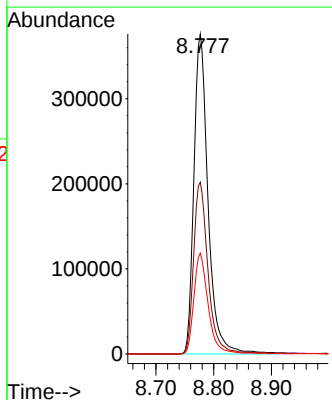
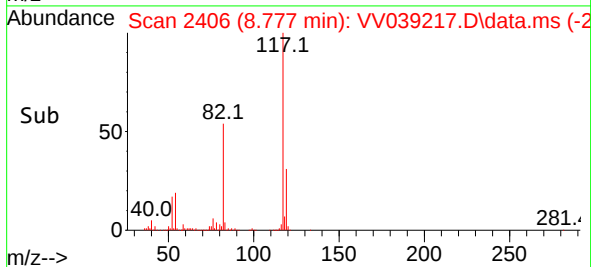
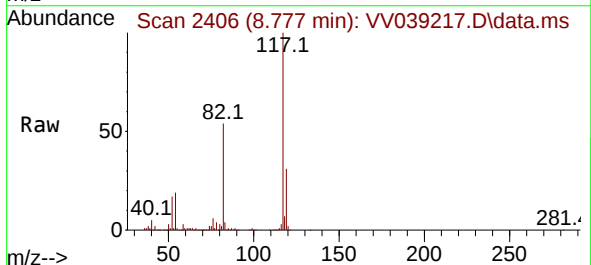
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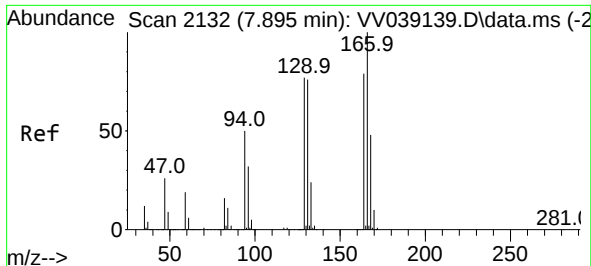
Reviewed By :Mahesh Dadoda 10/28/2025
Supervised By :mohammad ahmed 10/28/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 2406
Delta R.T. 0.004 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50

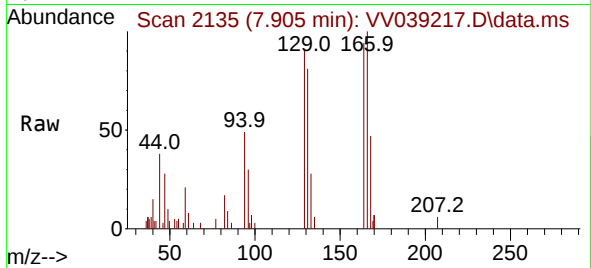
Tgt Ion:117 Resp: 641272
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.2
119 31.5 25.6 38.4





#64
Tetrachloroethene
Concen: 1.162 ug/l
RT: 7.905 min Scan# 2132
Delta R.T. 0.010 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50

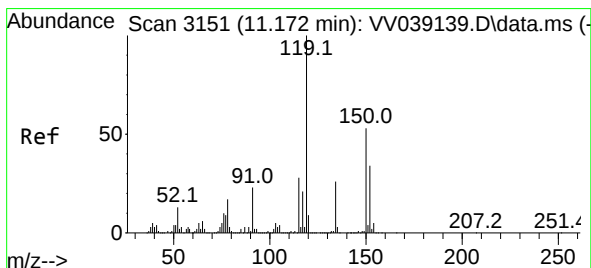
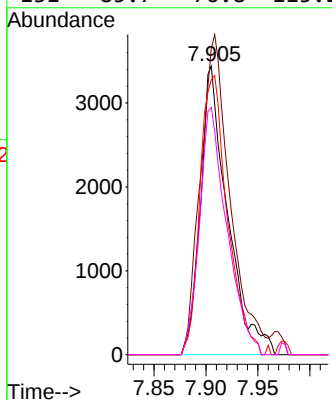
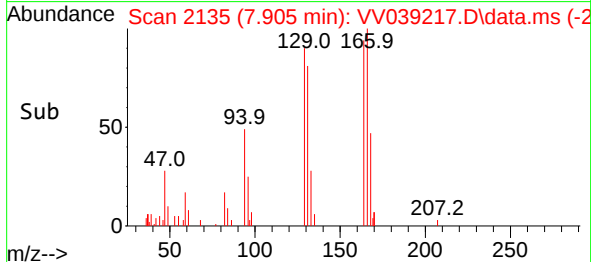
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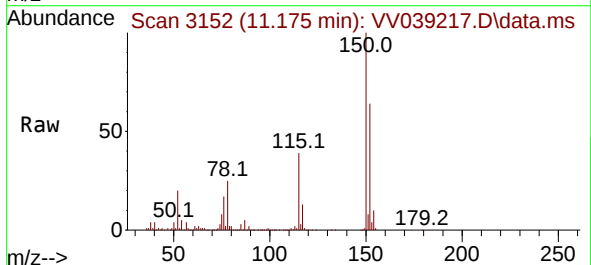
Tgt Ion:164 Resp: 624.0
Ion Ratio Lower Upper
164 100
166 106.1 101.6 152.4
129 95.3 78.5 117.7
131 85.7 76.8 115.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039217.D
Acq: 26 Sep 2025 16:50



Tgt Ion:152 Resp: 293243
Ion Ratio Lower Upper
152 100
115 60.7 44.8 134.4
150 155.6 0.0 353.8

