

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032358.D
 Acq On : 06 Oct 2025 14:49
 Operator : SY/MD
 Sample : Q3290-01
 Misc : 5.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-100325

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
 Supervised By :Semsettin Yesilyurt 10/07/2025

Quant Time: Oct 07 03:46:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	173010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	384943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	428070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	204214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	169596	67.208	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 134.420%			
35) Dibromofluoromethane	7.904	113	148008	59.371	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 118.740%			
50) Toluene-d8	10.331	98	518548	56.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 112.720%			
62) 4-Bromofluorobenzene	12.617	95	201874	58.049	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 116.100%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	2843	4.069	ug/l #	68
18) Methyl Acetate	4.710	43	4063m	2.030	ug/l	

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

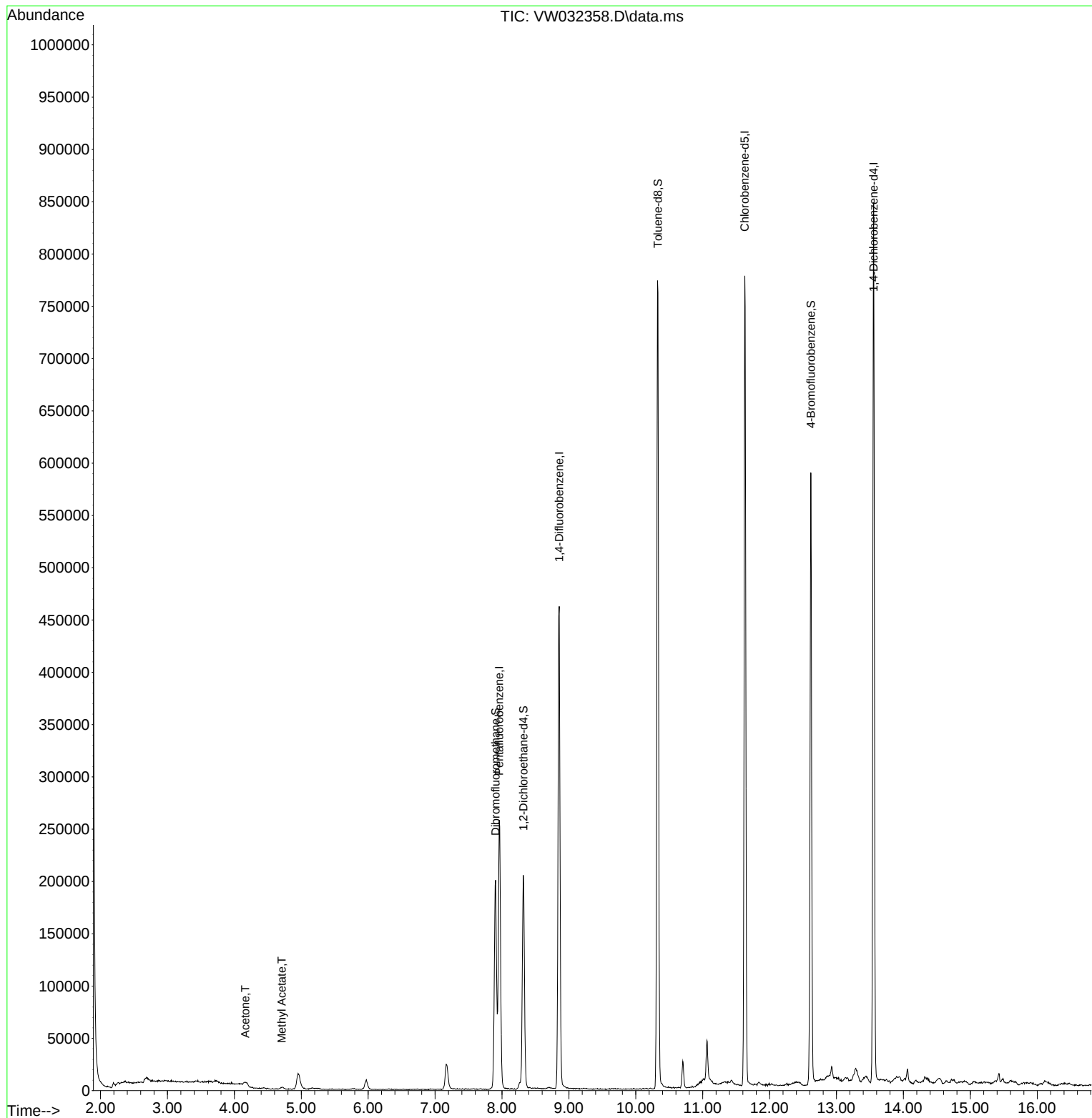
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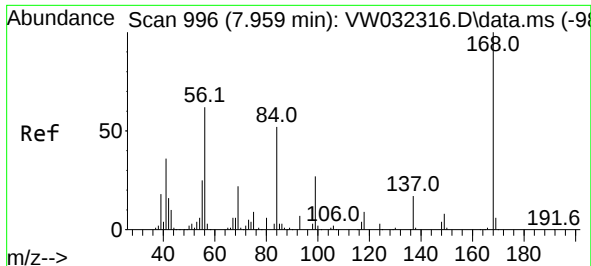
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ClientSampleId :
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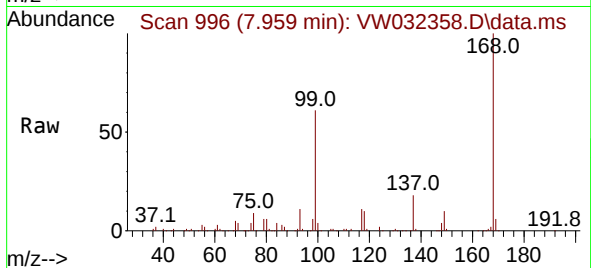
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

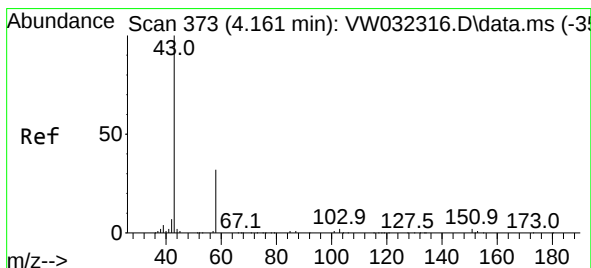
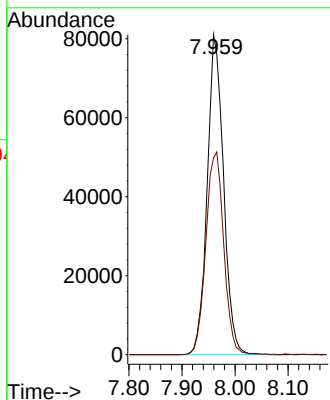
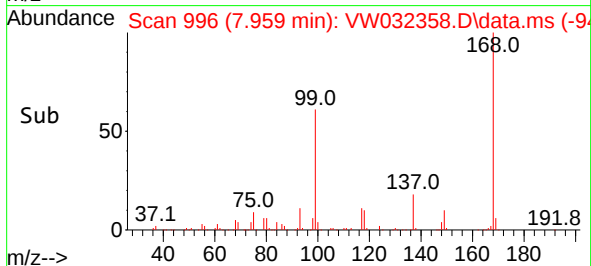
Instrument :
MSVOA_W
ClientSampleId :
CL-02-100325



Tgt Ion:168 Resp: 173010
Ion Ratio Lower Upper
168 100
99 61.5 49.3 73.9

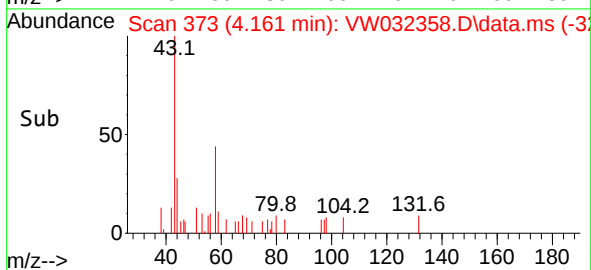
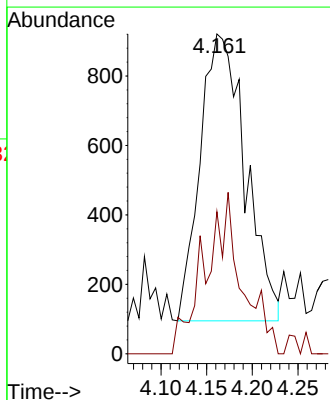
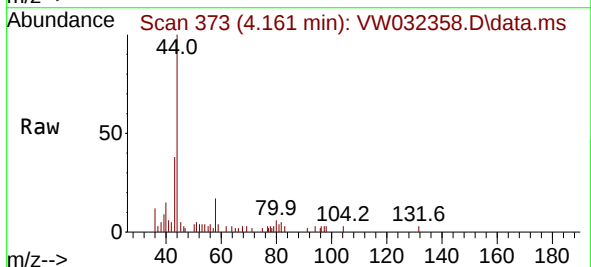
Manual Integrations
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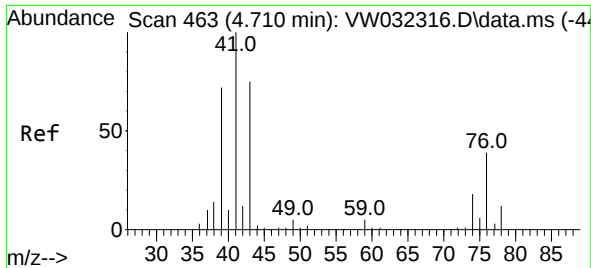
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#16
Acetone
Concen: 4.069 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

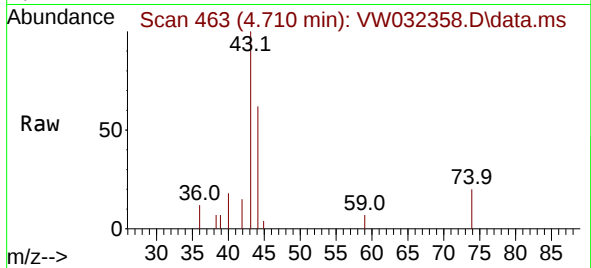
Tgt Ion: 43 Resp: 2843
Ion Ratio Lower Upper
43 100
58 49.5 25.3 37.9#





#18
Methyl Acetate
Concen: 2.030 ug/l m
RT: 4.710 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

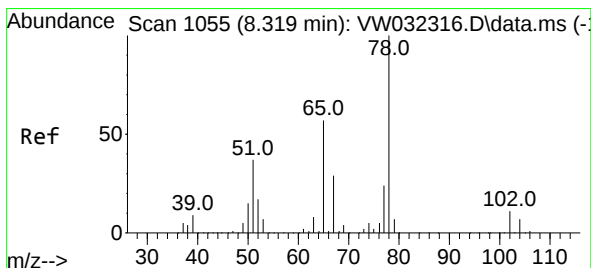
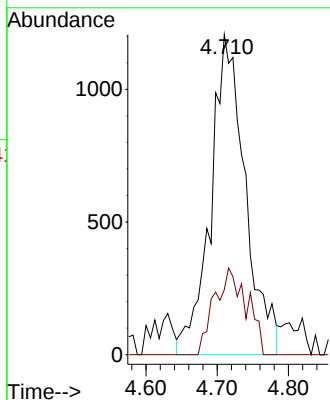
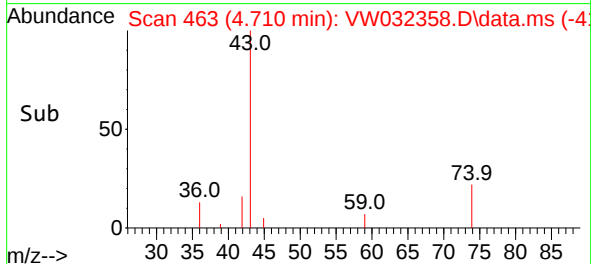
Instrument :
MSVOA_W
ClientSampleId :
CL-02-100325



Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.4

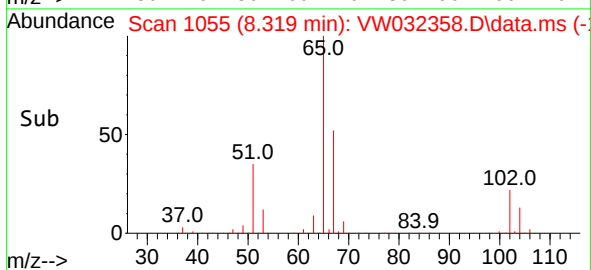
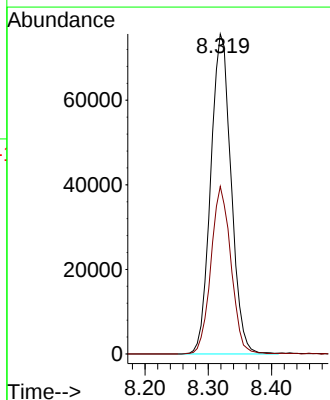
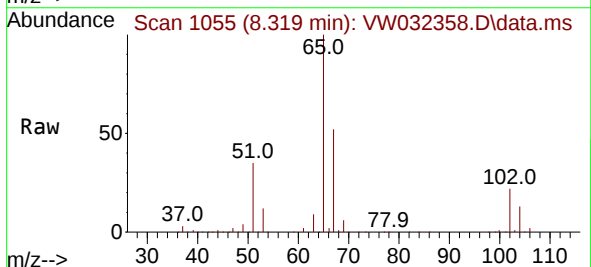
Manual Integrations
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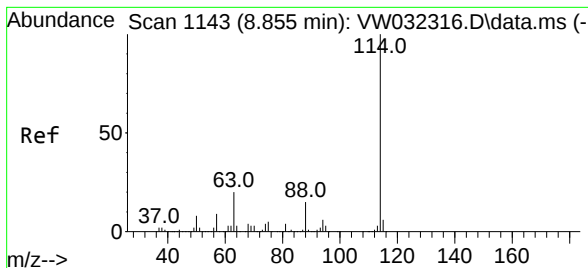
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#33
1,2-Dichloroethane-d4
Concen: 67.208 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

Tgt Ion: 65 Resp: 169596
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032358.D

Acq: 06 Oct 2025 14:49

Instrument :

MSVOA_W

ClientSampleId :

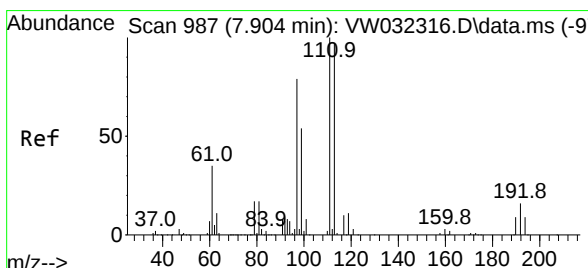
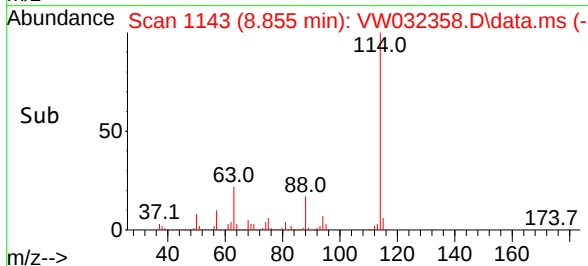
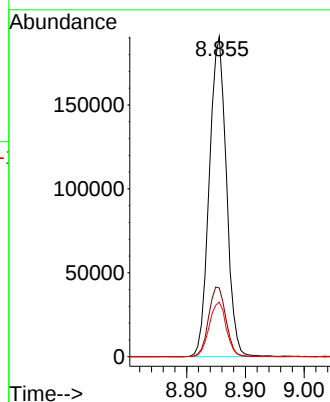
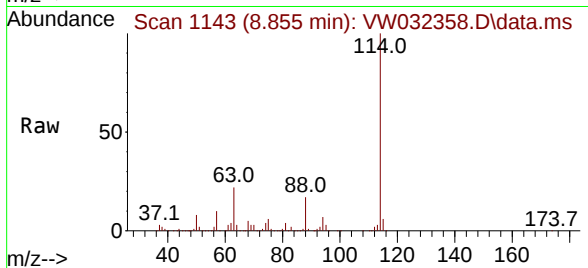
CL-02-100325

Tgt Ion:114	Resp: 38494
Ion Ratio	Lower Upper
114 100	
63 21.5	0.0 40.4
88 17.1	0.0 32.0

Manual Integrations

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#35

Dibromofluoromethane

Concen: 59.371 ug/l

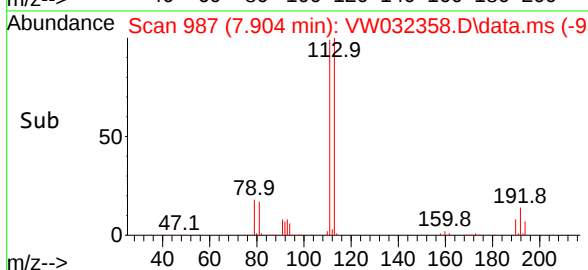
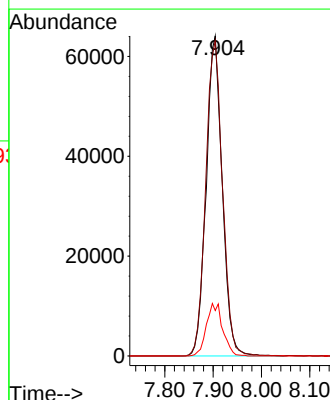
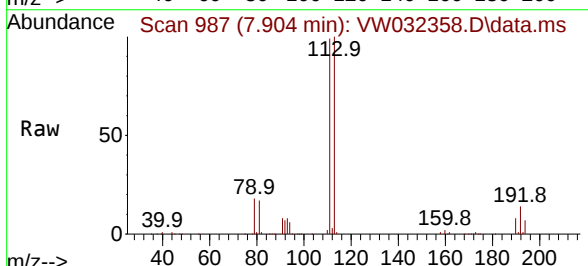
RT: 7.904 min Scan# 987

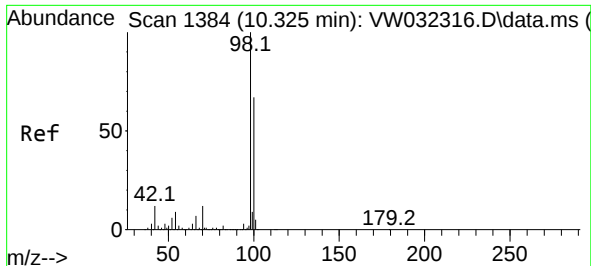
Delta R.T. -0.000 min

Lab File: VW032358.D

Acq: 06 Oct 2025 14:49

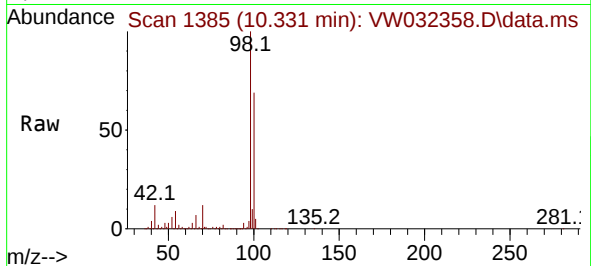
Tgt Ion:113	Resp: 148008
Ion Ratio	Lower Upper
113 100	
111 102.8	83.9 125.9
192 16.7	14.6 21.8





#50
Toluene-d8
Concen: 56.359 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

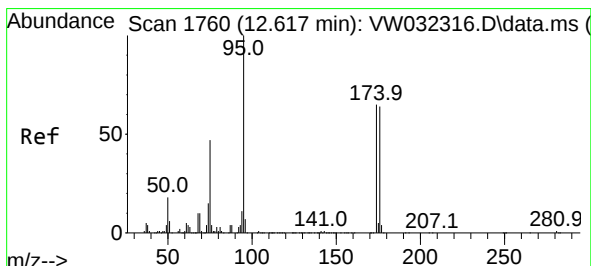
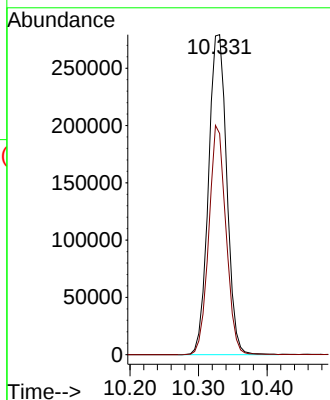
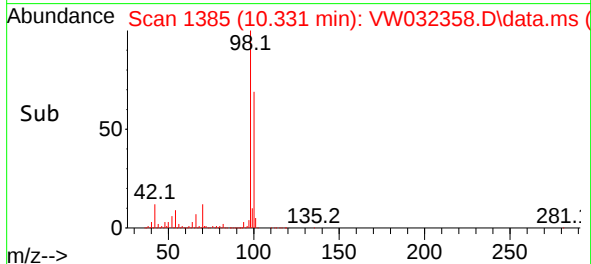
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Tgt Ion: 98 Resp: 51854
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.2

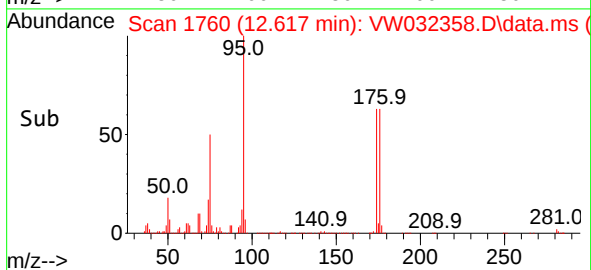
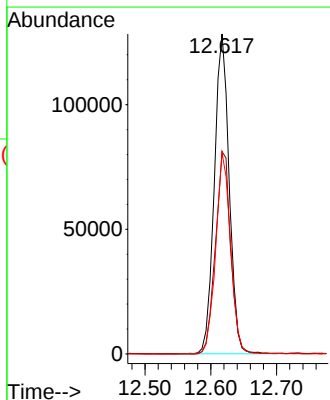
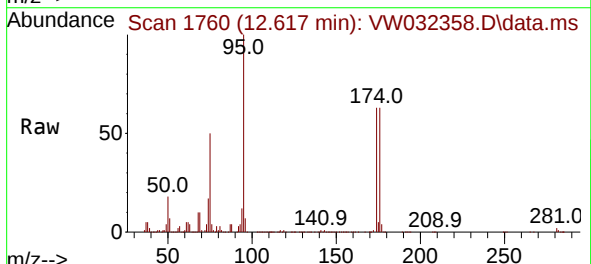
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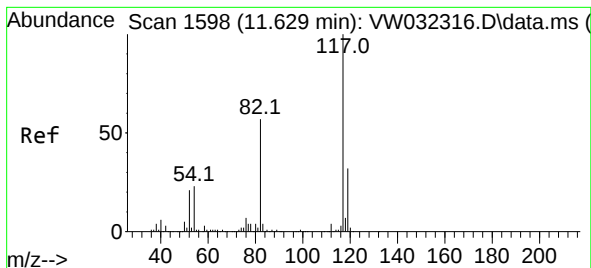
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#62
4-Bromofluorobenzene
Concen: 58.049 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

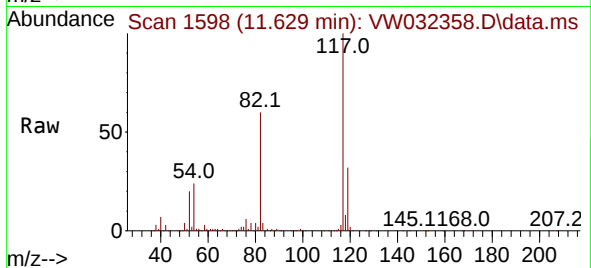
Tgt Ion: 95 Resp: 201874
Ion Ratio Lower Upper
95 100
174 65.1 0.0 145.6
176 63.0 0.0 140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49

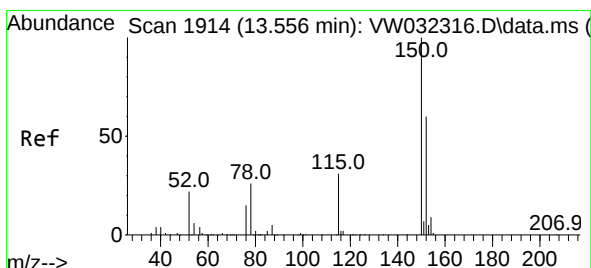
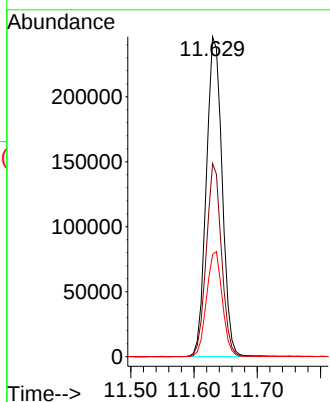
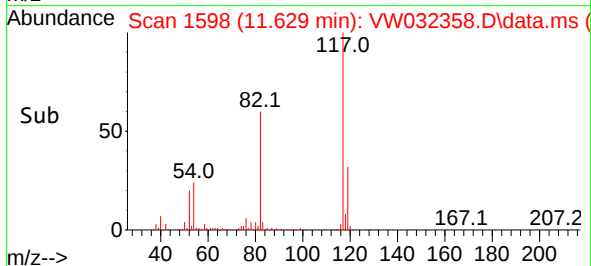
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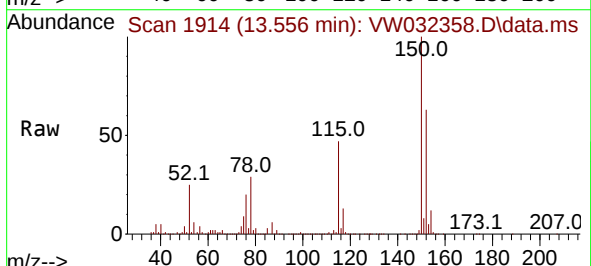
Tgt Ion:117 Resp: 428070
Ion Ratio Lower Upper
117 100
82 60.4 42.7 64.1
119 32.0 25.2 37.8

Manual Integrations
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Supervised By :Semsettin Yesilyurt 10/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032358.D
Acq: 06 Oct 2025 14:49



Tgt Ion:152 Resp: 204214
Ion Ratio Lower Upper
152 100
115 67.1 31.8 95.4
150 164.0 0.0 343.0

