

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032360.D
 Acq On : 06 Oct 2025 15:32
 Operator : SY/MD
 Sample : Q3289-03
 Misc : 4.68g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-261

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 03:47:36 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	7.965	168	178194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	392275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	404257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	213244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	170519	65.608	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 131.220%			
35) Dibromofluoromethane	7.904	113	143535	56.501	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 113.000%			
50) Toluene-d8	10.331	98	505222	53.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.617	95	184257	51.993	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.980%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	10612	14.746	ug/l	97
18) Methyl Acetate	4.722	43	4542m	2.203	ug/l	

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

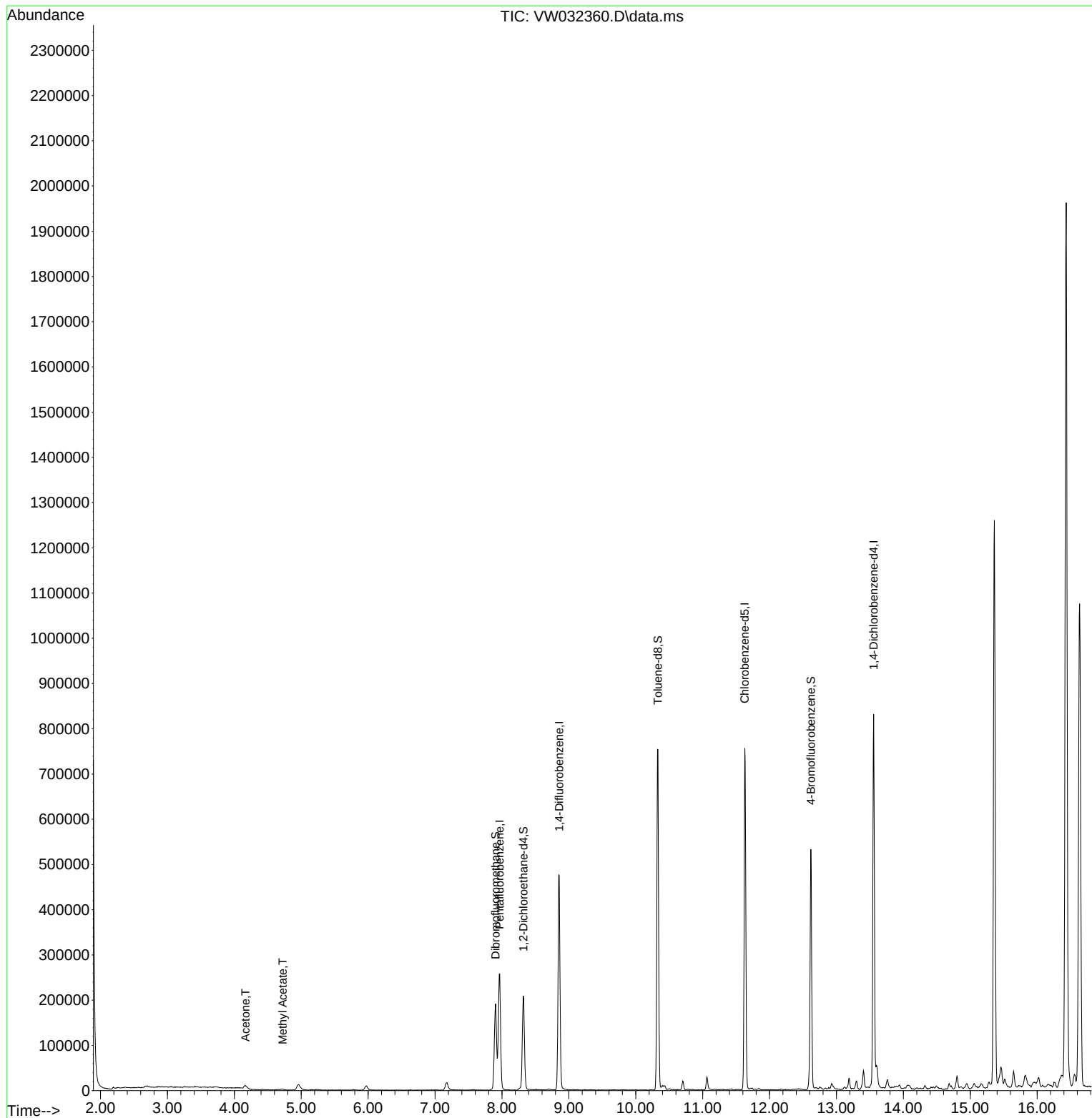
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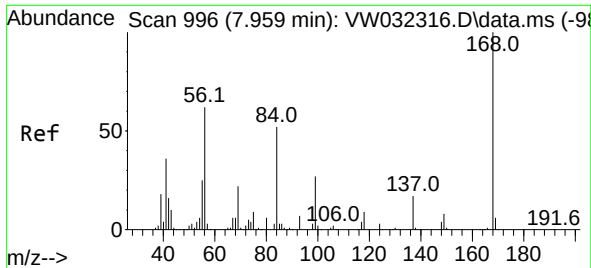
Instrument :
MSVOA_W
ClientSampleId :
VNJ-261

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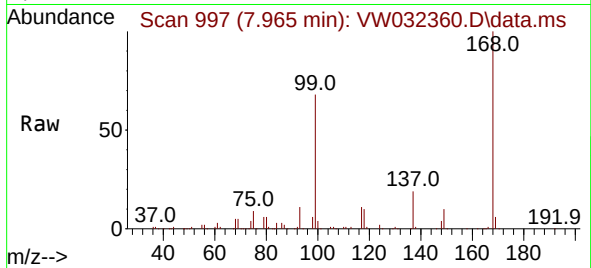
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32

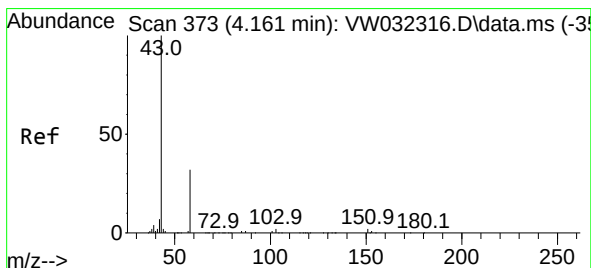
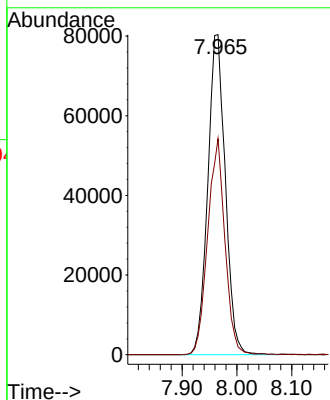
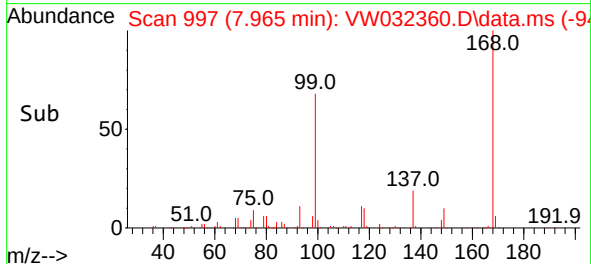
Instrument :
MSVOA_W
ClientSampleId :
VNJ-261



Tgt Ion:168 Resp: 178194
Ion Ratio Lower Upper
168 100
99 67.5 49.3 73.9

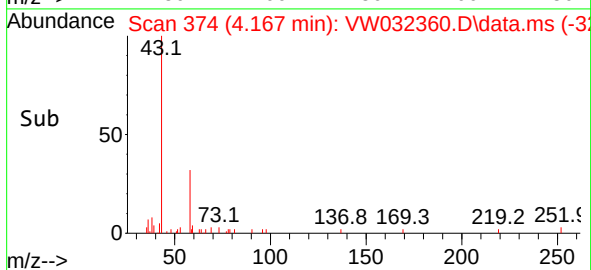
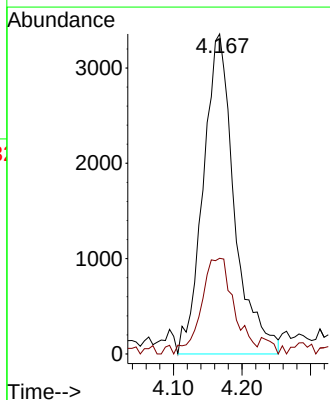
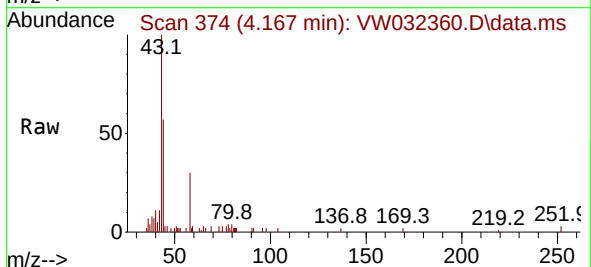
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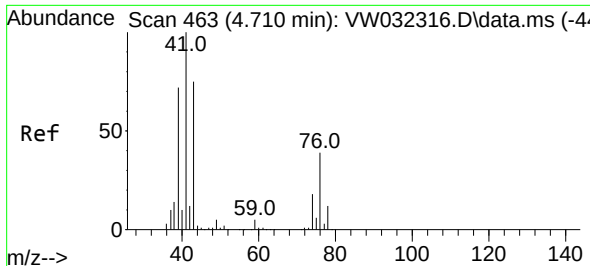
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#16
Acetone
Concen: 14.746 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32

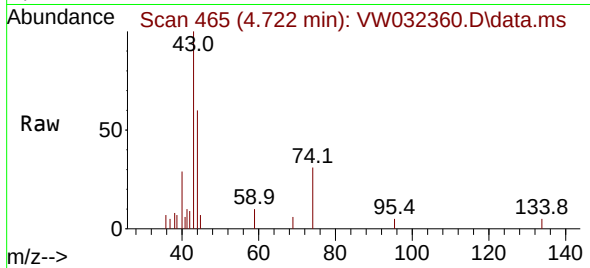
Tgt Ion: 43 Resp: 10612
Ion Ratio Lower Upper
43 100
58 29.9 25.3 37.9





#18
Methyl Acetate
Concen: 2.203 ug/l m
RT: 4.722 min Scan# 4
Delta R.T. 0.012 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32

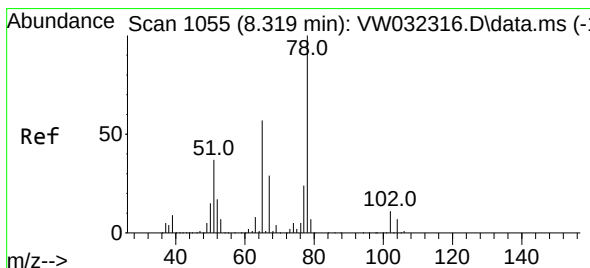
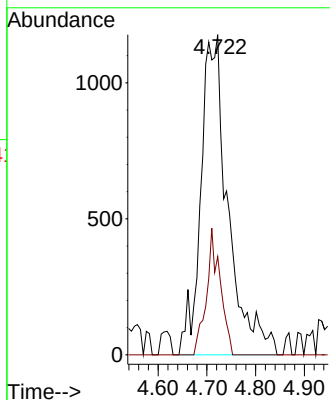
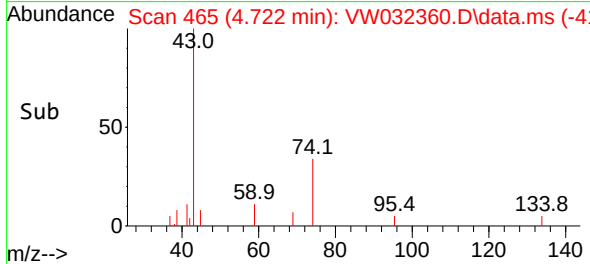
Instrument :
MSVOA_W
ClientSampleId :
VNJ-261



Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
74 20.2 20.2 30.4

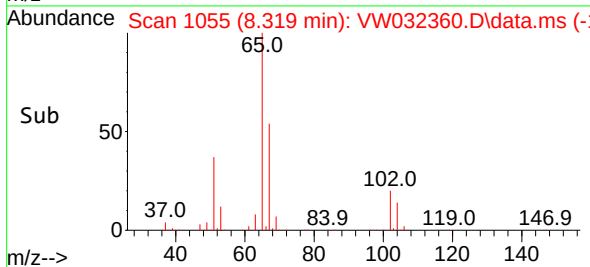
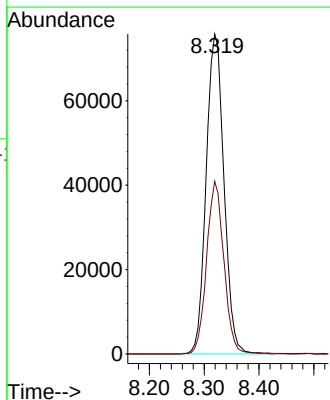
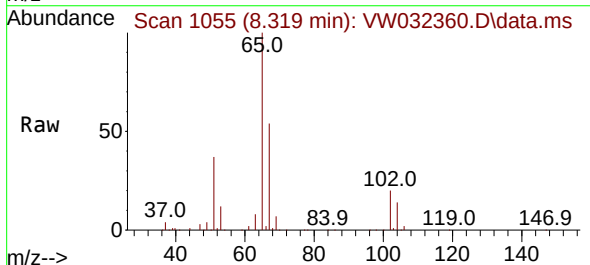
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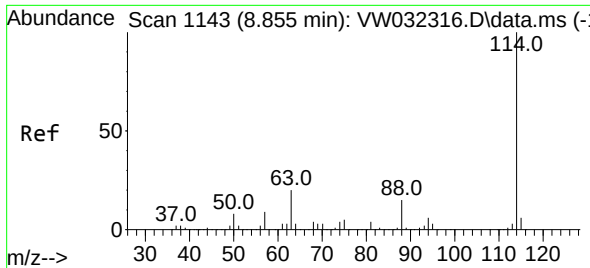
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#33
1,2-Dichloroethane-d4
Concen: 65.608 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32

Tgt Ion: 65 Resp: 170519
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032360.D

Acq: 06 Oct 2025 15:32

Instrument :

MSVOA_W

ClientSampleId :

VNJ-261

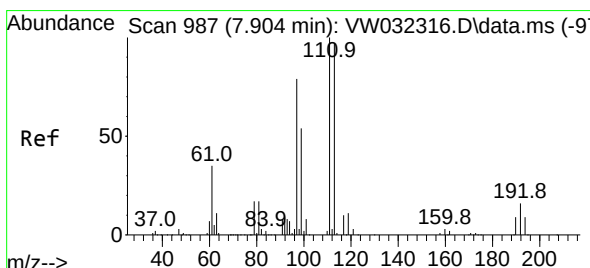
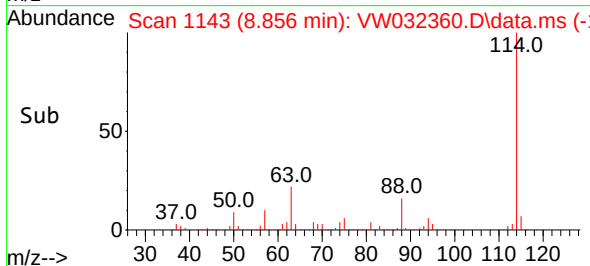
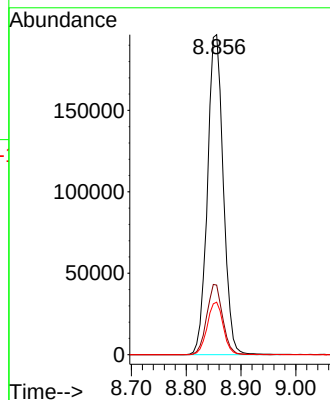
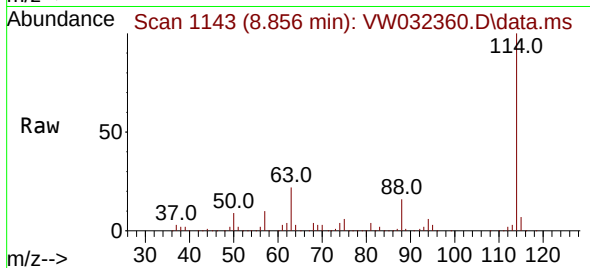
Tgt Ion:114 Resp: 392275

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.4
88	16.4	0.0	32.0

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#35

Dibromofluoromethane

Concen: 56.501 ug/l

RT: 7.904 min Scan# 987

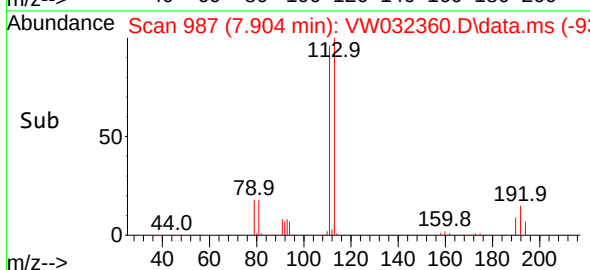
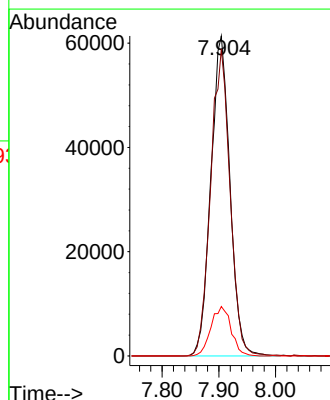
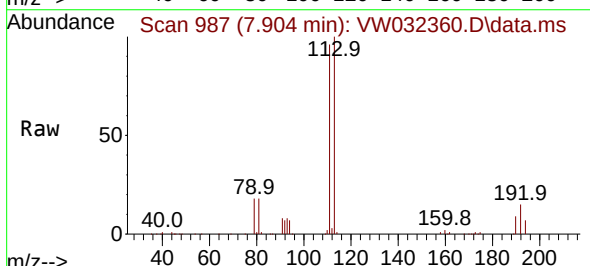
Delta R.T. 0.000 min

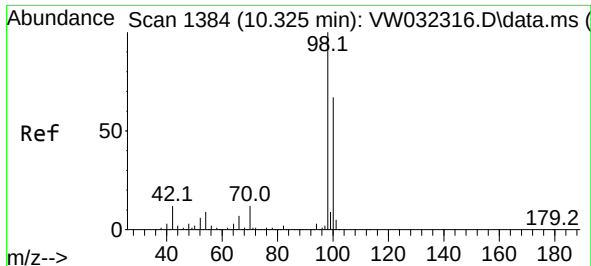
Lab File: VW032360.D

Acq: 06 Oct 2025 15:32

Tgt Ion:113 Resp: 143535

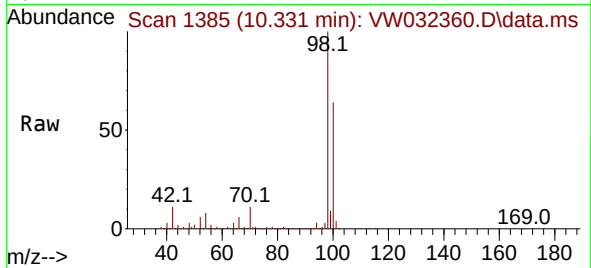
Ion	Ratio	Lower	Upper
113	100		
111	97.6	83.9	125.9
192	16.4	14.6	21.8





#50
Toluene-d8
Concen: 53.884 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32

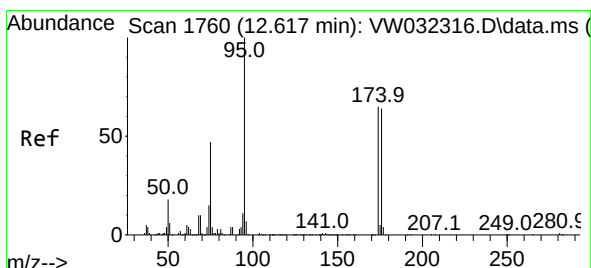
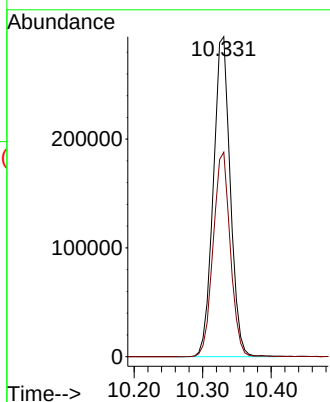
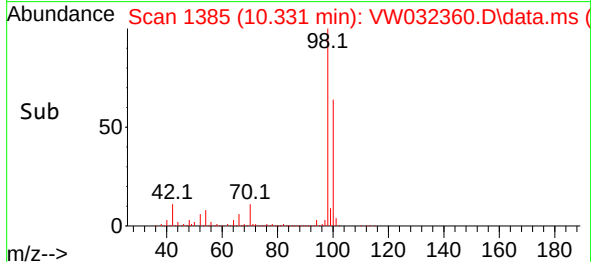
Instrument :
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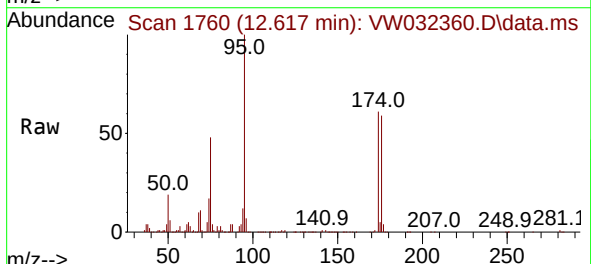
Tgt Ion: 98 Resp: 50522
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

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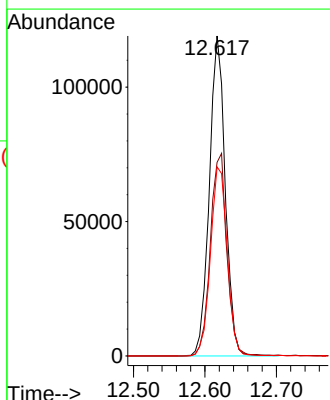
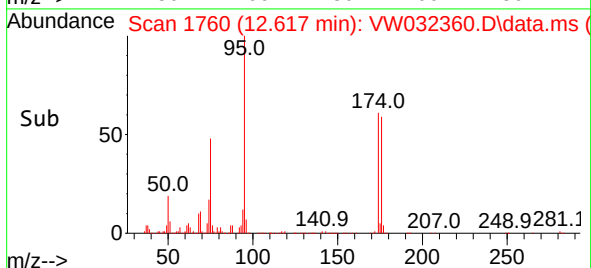
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025

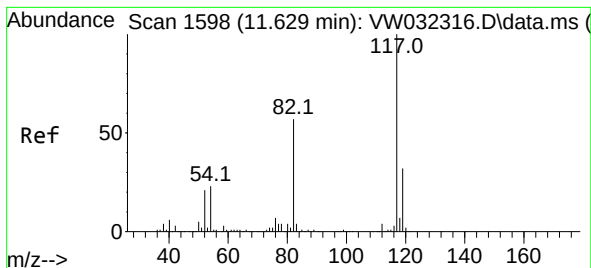


#62
4-Bromofluorobenzene
Concen: 51.993 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032360.D
Acq: 06 Oct 2025 15:32



Tgt Ion: 95 Resp: 184257
Ion Ratio Lower Upper
95 100
174 65.4 0.0 145.6
176 62.5 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032360.D

Acq: 06 Oct 2025 15:32

Instrument :

MSVOA_W

ClientSampleId :

VNJ-261

Tgt Ion:117 Resp: 40425

Ion Ratio Lower Upper

117 100

82 61.5 42.7 64.1

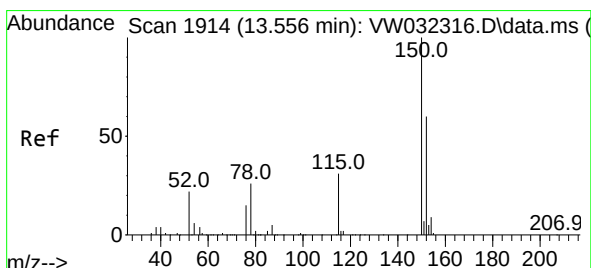
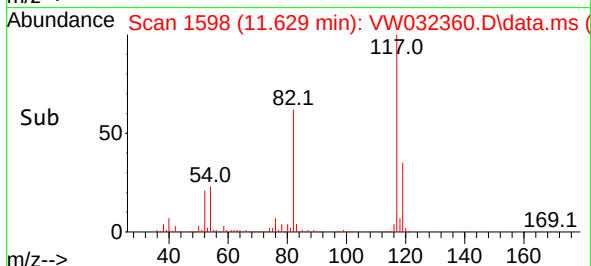
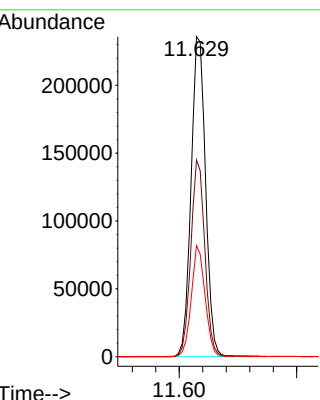
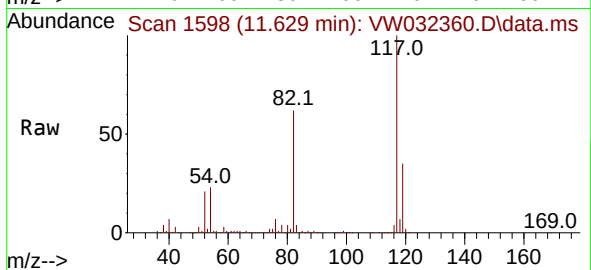
119 34.6 25.2 37.8

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032360.D

Acq: 06 Oct 2025 15:32

Tgt Ion:152 Resp: 213244

Ion Ratio Lower Upper

152 100

115 61.8 31.8 95.4

150 149.6 0.0 343.0

