

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032171.D
 Acq On : 15 Sep 2025 12:07
 Operator : SY/MD
 Sample : Q3091-08
 Misc : 4.53g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 12/9B-COMP

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 06:35:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	172443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	348029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	343645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	127894	51.860	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.720%			
35) Dibromofluoromethane	7.898	113	117412	48.085	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 96.180%			
50) Toluene-d8	10.331	98	390294	45.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 91.060%			
62) 4-Bromofluorobenzene	12.617	95	145113	45.782	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 91.560%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	8132m	15.226	ug/l	

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

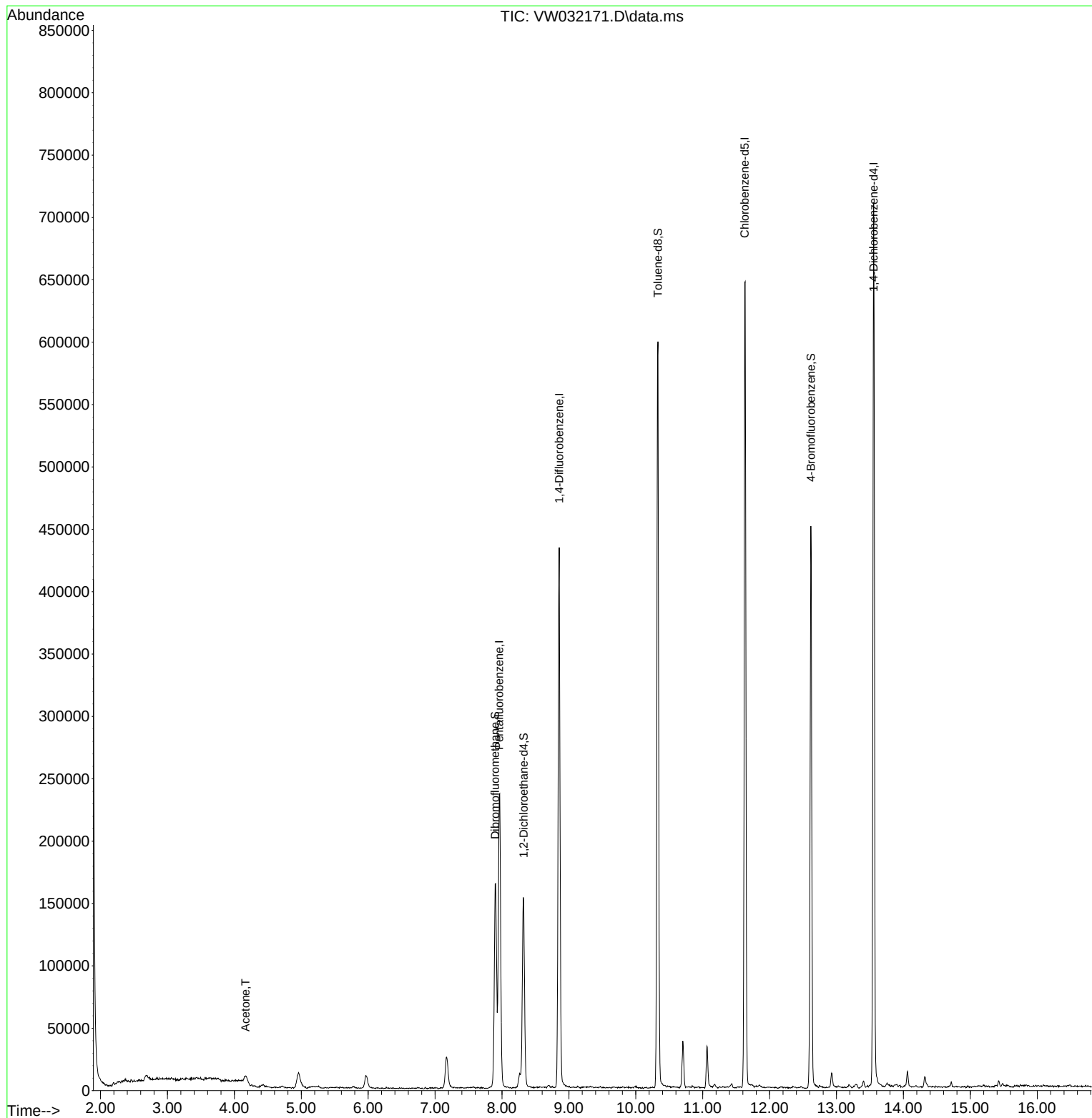
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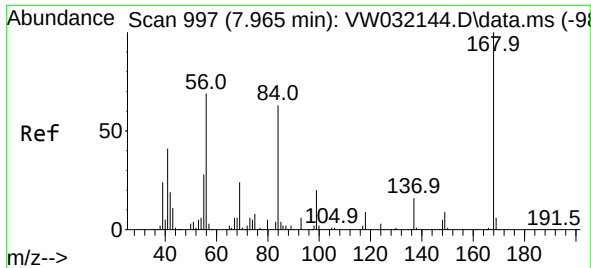
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12/9B-COMP

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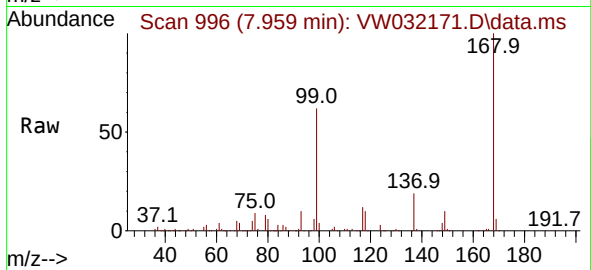
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

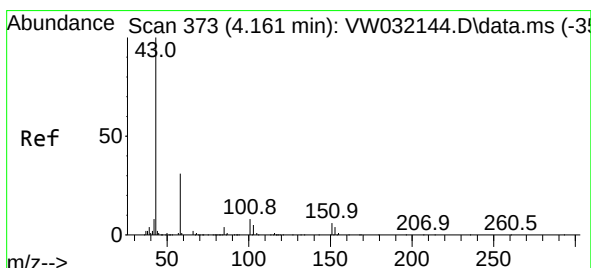
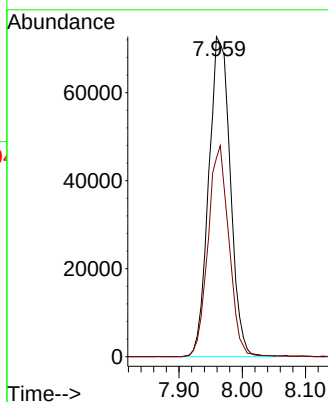
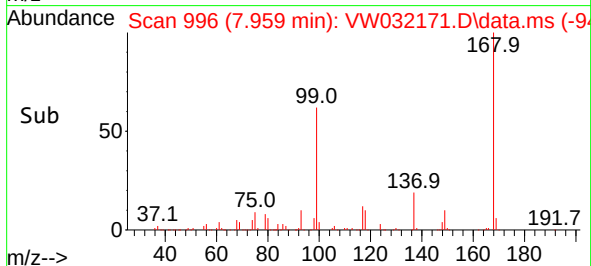
Instrument :
MSVOA_W
ClientSampleId :
12/9B-COMP



Tgt Ion:168 Resp: 17244
Ion Ratio Lower Upper
168 100
99 62.1 49.3 73.9

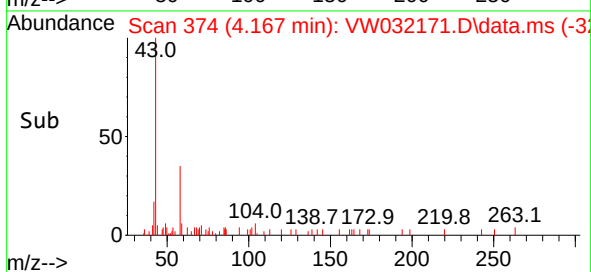
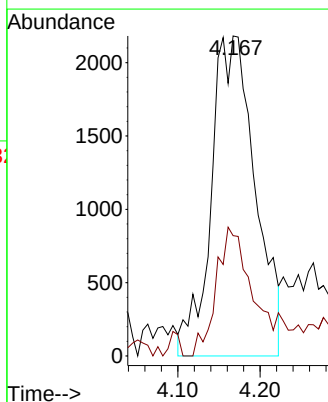
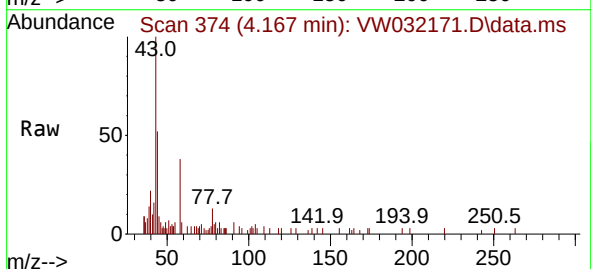
Manual Integrations
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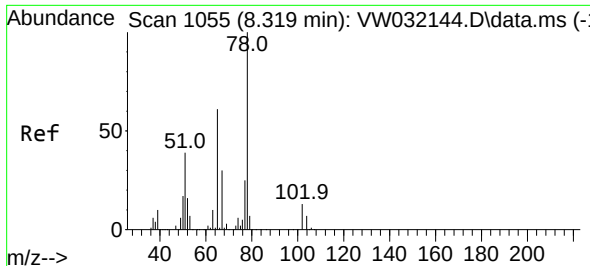
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
Acetone
Concen: 15.226 ug/l m
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

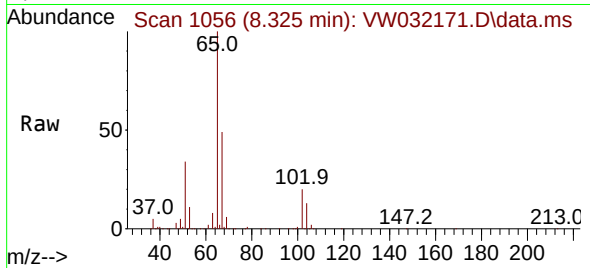
Tgt Ion: 43 Resp: 8132
Ion Ratio Lower Upper
43 100
58 37.6 25.3 37.9





#33
1,2-Dichloroethane-d4
Concen: 51.860 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

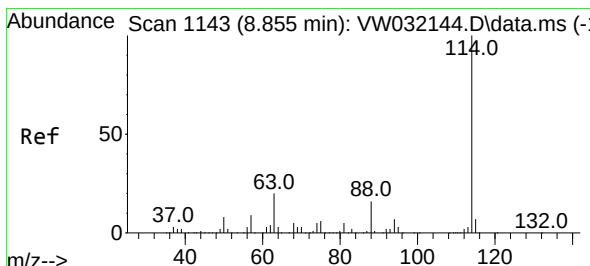
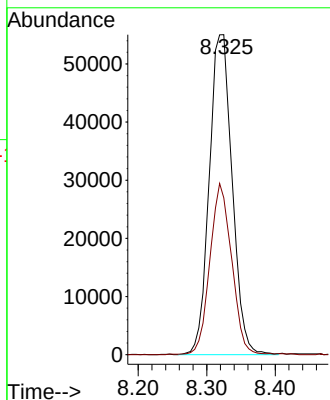
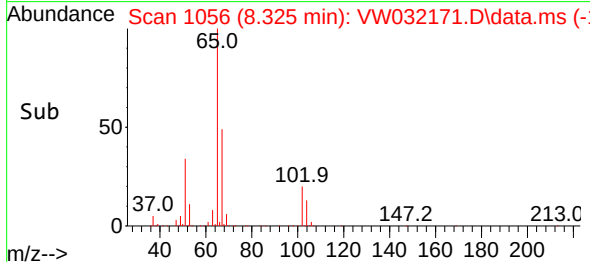
Instrument :
MSVOA_W
ClientSampleId :
12/9B-COMP



Tgt Ion: 65 Resp: 127894
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.6

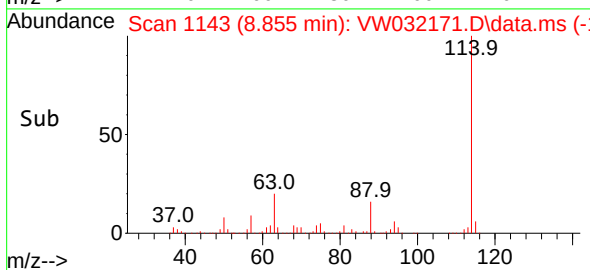
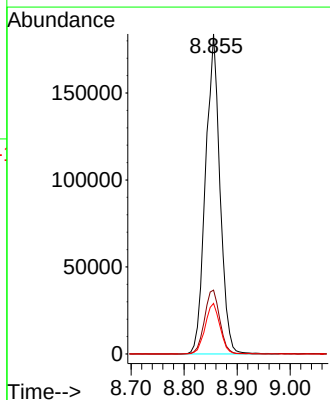
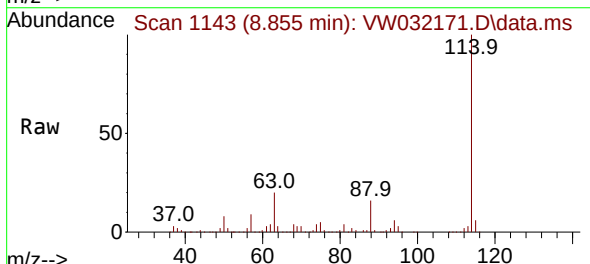
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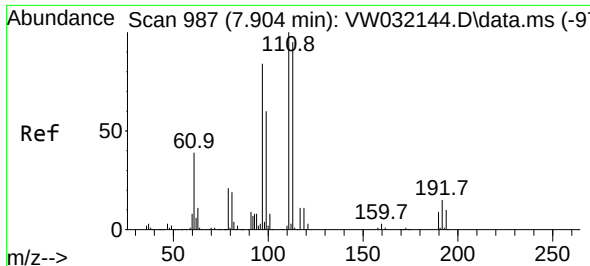
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

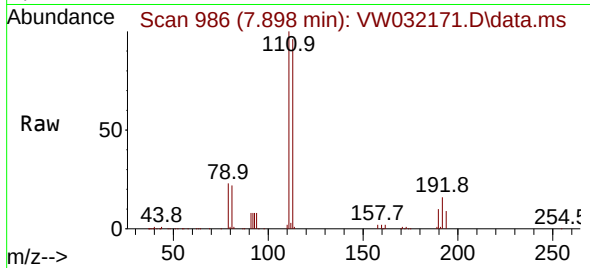
Tgt Ion:114 Resp: 348029
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.4
88 15.8 0.0 32.0





#35
Dibromofluoromethane
Concen: 48.085 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

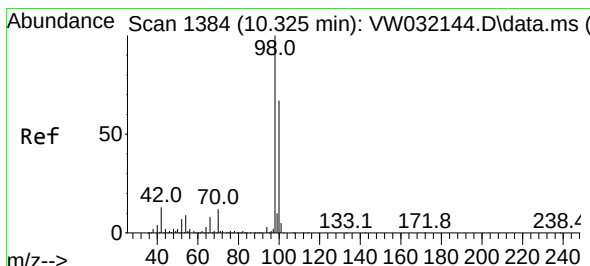
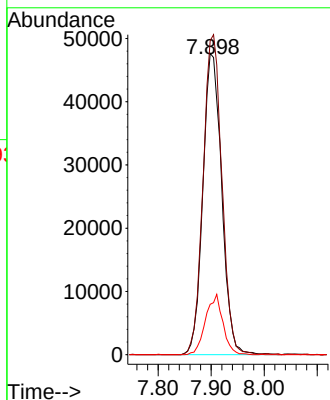
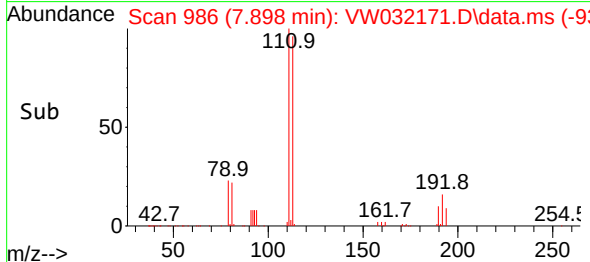
Instrument :
MSVOA_W
ClientSampleId :
12/9B-COMP



Tgt Ion:113 Resp: 117412
Ion Ratio Lower Upper
113 100
111 105.9 83.9 125.9
192 18.4 14.6 21.8

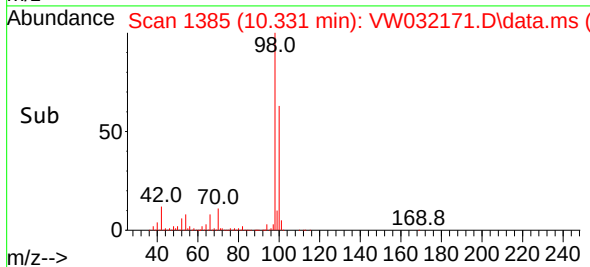
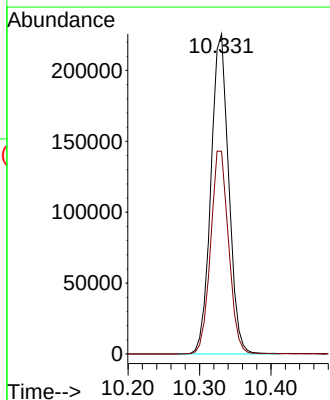
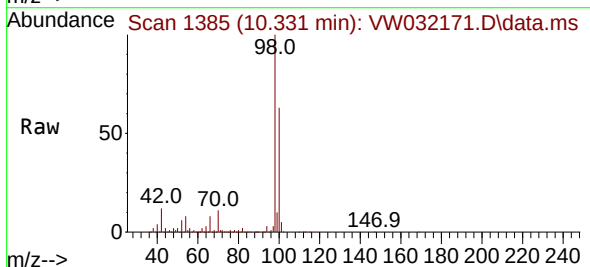
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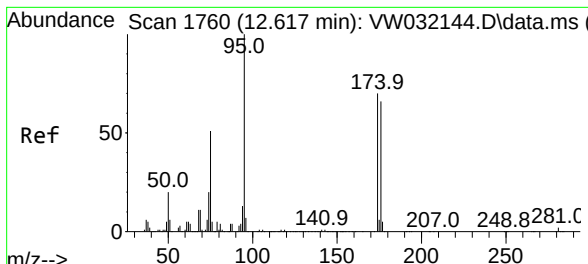
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#50
Toluene-d8
Concen: 45.533 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 98 Resp: 390294
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2





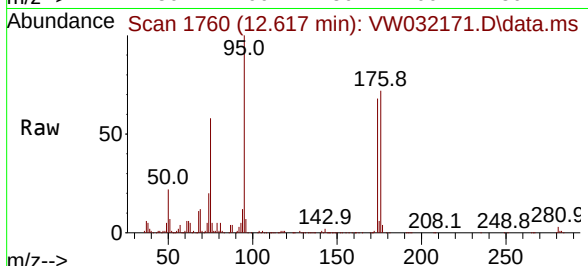
#62
4-Bromofluorobenzene
Concen: 45.782 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_W

ClientSampleId :

12/9B-COMP

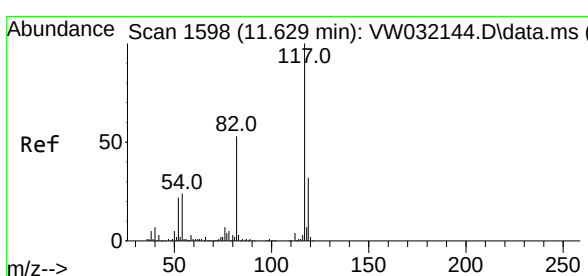
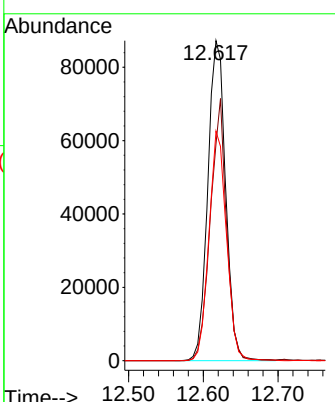
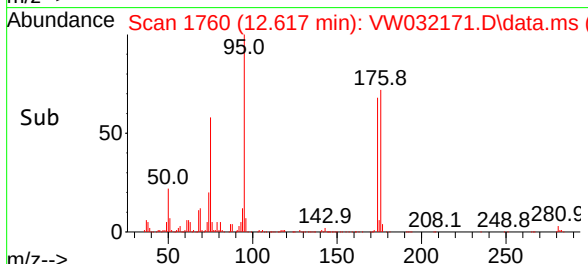


Tgt Ion:	95	Resp:	14511
Ion Ratio	Lower	Upper	
95	100		
174	74.2	0.0	145.6
176	70.7	0.0	140.8

Manual Integrations

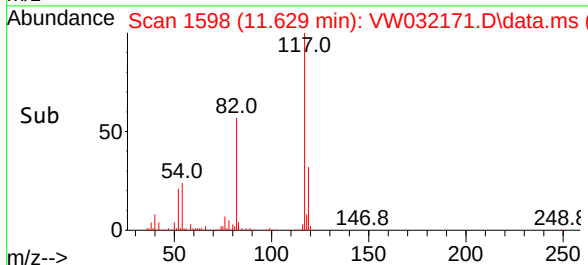
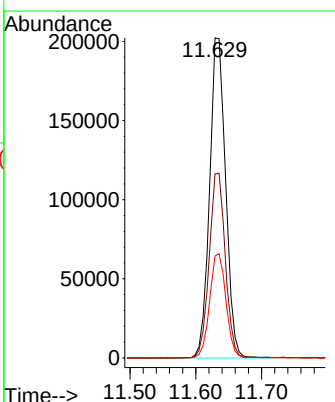
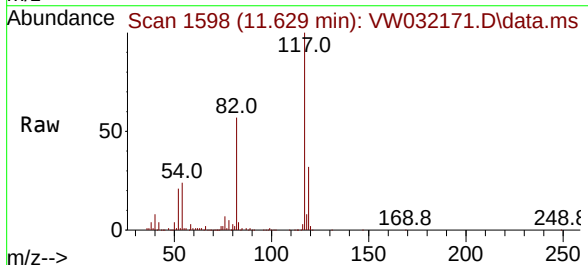
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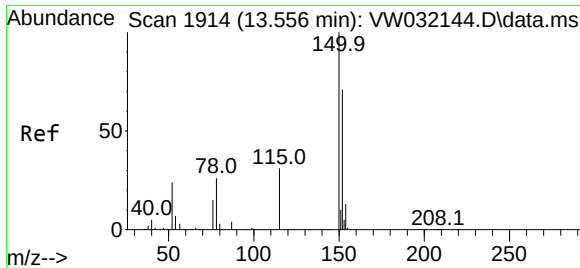
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032171.D
Acq: 15 Sep 2025 12:07

Tgt Ion:	117	Resp:	343645
Ion Ratio	Lower	Upper	
117	100		
82	57.5	42.7	64.1
119	31.7	25.2	37.8





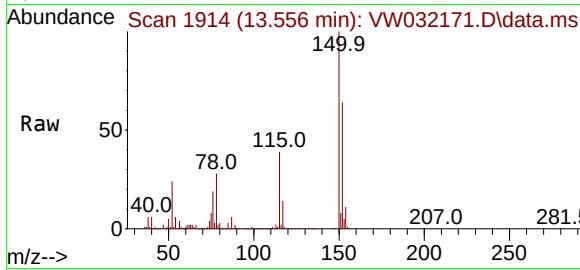
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032171.D
 Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_W

ClientSampleId :

12/9B-COMP



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.8	95.4
150	157.4	0.0	343.0

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