

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031884.D
 Acq On : 17 Jul 2025 12:57
 Operator : SY/MD
 Sample : Q2621-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-07162025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/18/2025

Quant Time: Jul 18 02:51:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	18767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	33065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	27057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	10967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	12635	46.913	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	93.820%		
35) Dibromofluoromethane	7.898	113	10757	49.856	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.720%		
50) Toluene-d8	10.331	98	33456	41.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	83.340%		
62) 4-Bromofluorobenzene	12.617	95	12686	42.933	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	85.860%		
Target Compounds					Qvalue	
16) Acetone	4.173	43	1484m	22.292	ug/l	

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

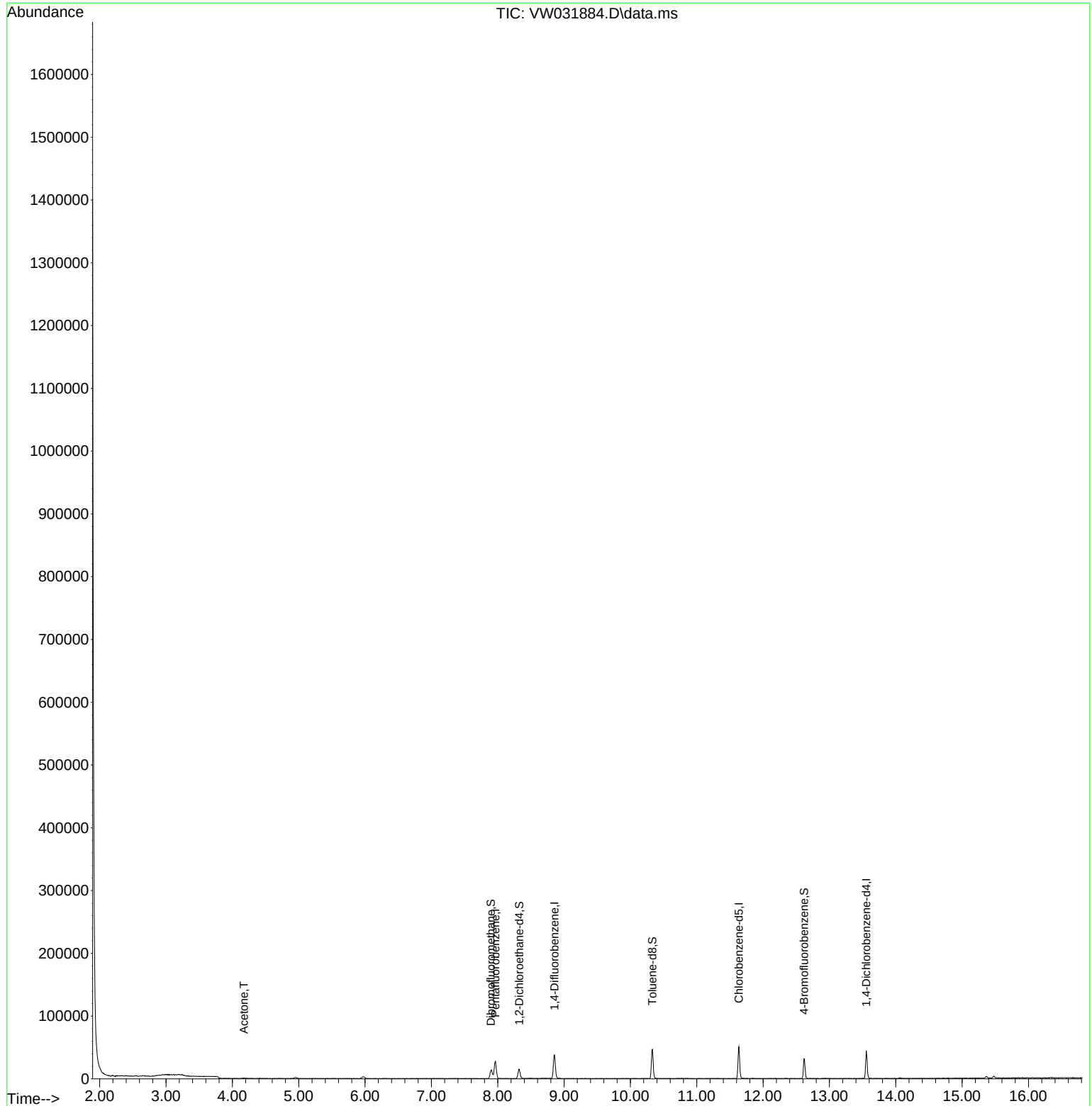
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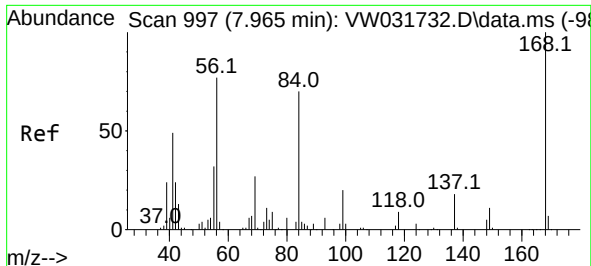
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Quant Time: Jul 18 02:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
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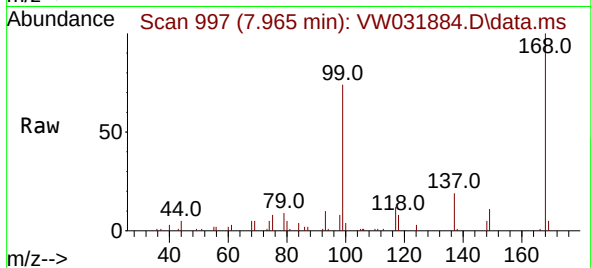
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

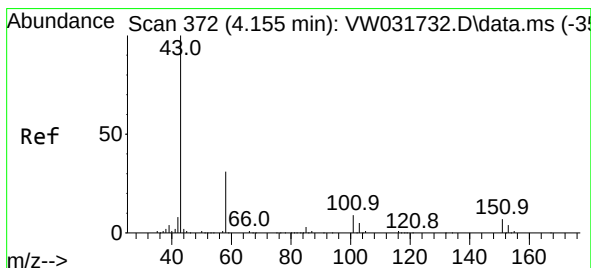
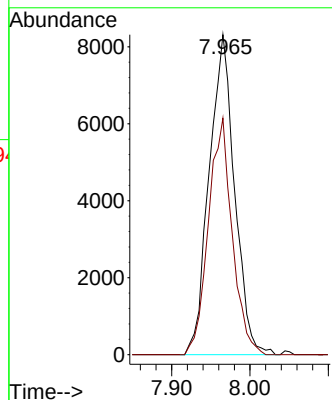
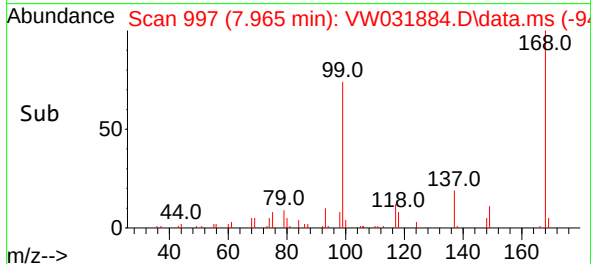
Instrument :
MSVOA_W
ClientSampleId :
TR-05-07162025



Tgt Ion:168 Resp: 1876
Ion Ratio Lower Upper
168 100
99 73.9 49.4 74.2

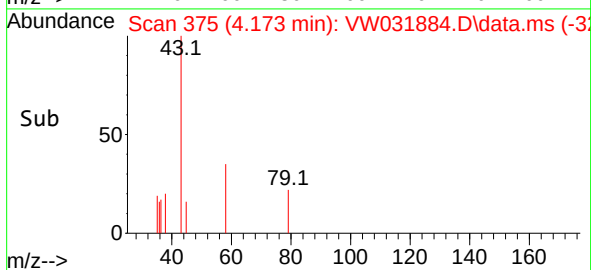
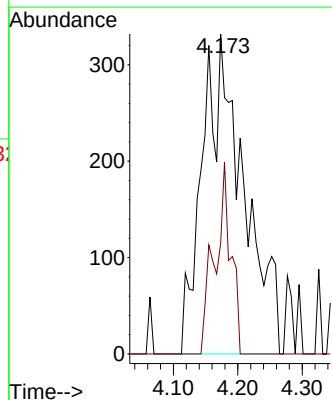
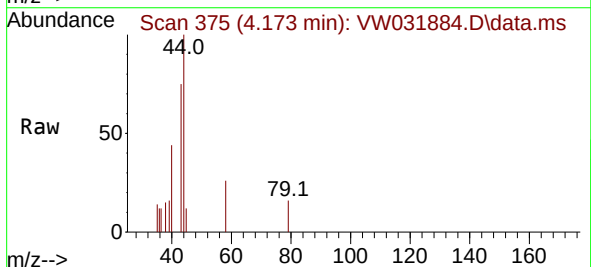
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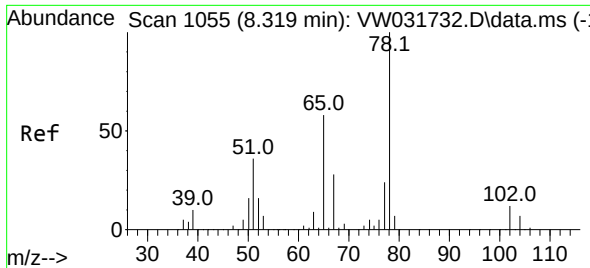
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025



#16
Acetone
Concen: 22.292 ug/l m
RT: 4.173 min Scan# 375
Delta R.T. 0.019 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 34.6 24.8 37.2





#33
 1,2-Dichloroethane-d4
 Concen: 46.913 ug/l
 RT: 8.325 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VW031884.D
 Acq: 17 Jul 2025 12:57

Instrument :

MSVOA_W

ClientSampleId :

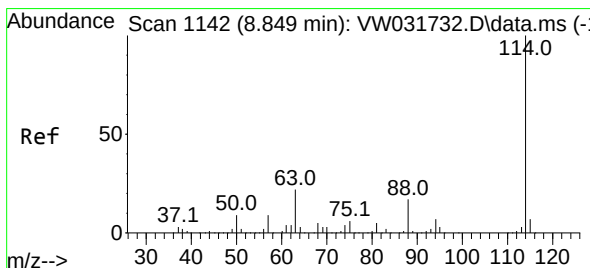
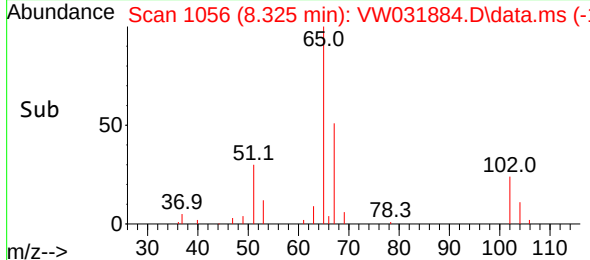
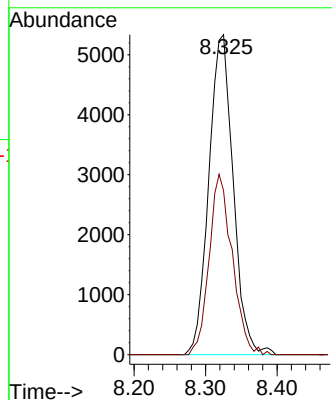
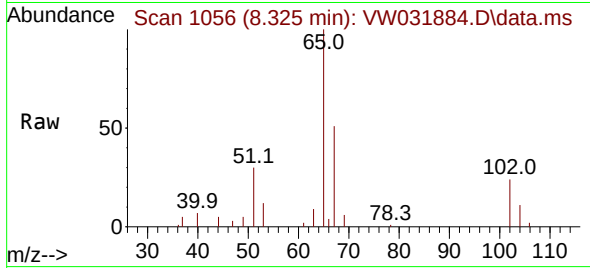
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Tgt Ion: 65 Resp: 1263
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 99.4

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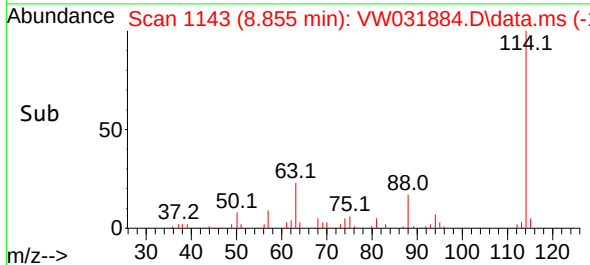
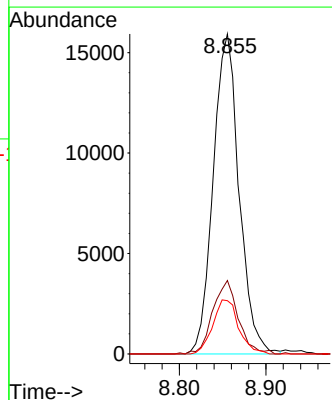
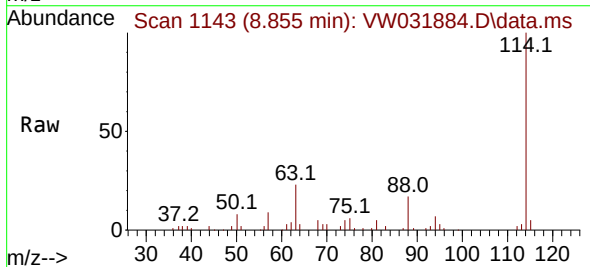
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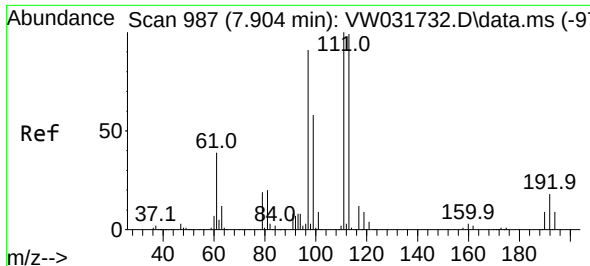
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 Supervised By :Semsettin Yesilyurt 07/18/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031884.D
 Acq: 17 Jul 2025 12:57

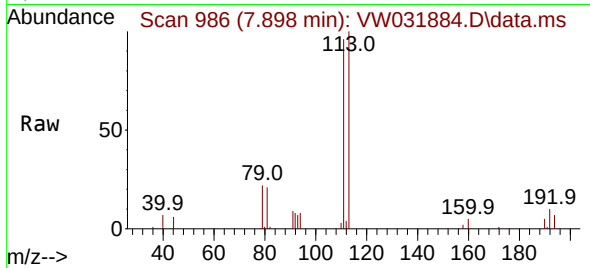
Tgt Ion:114 Resp: 33065
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.6
 88 16.7 0.0 34.2





#35
Dibromofluoromethane
Concen: 49.856 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

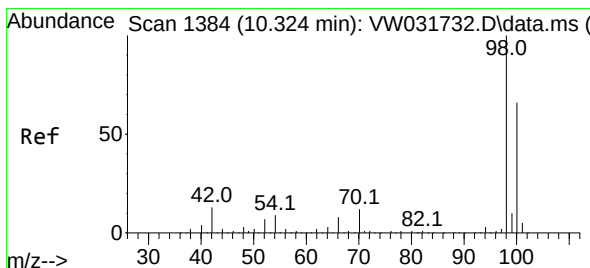
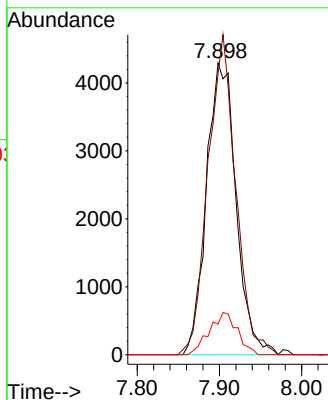
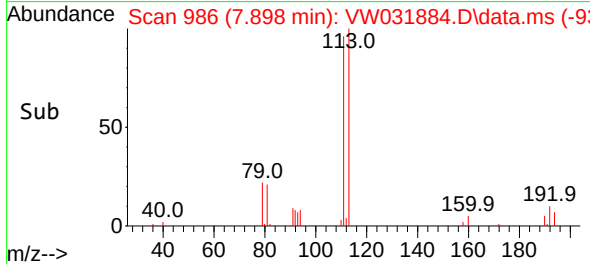
Instrument :
MSVOA_W
ClientSampleId :
TR-05-07162025



Tgt Ion:113 Resp: 1075
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 13.6 13.8 20.6

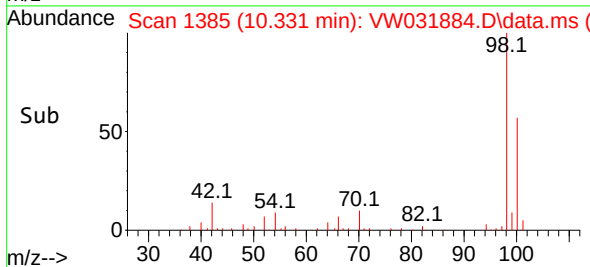
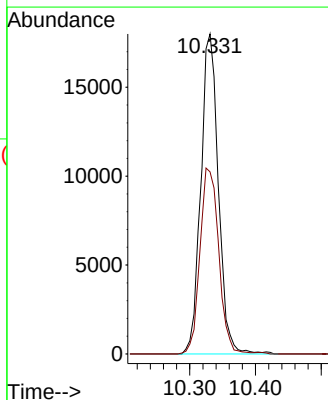
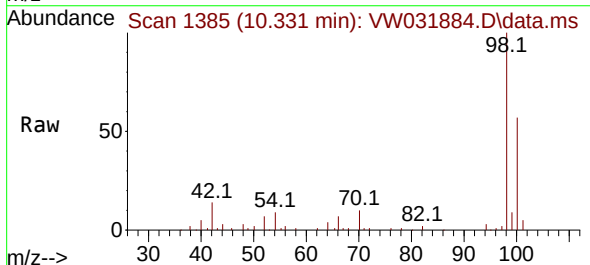
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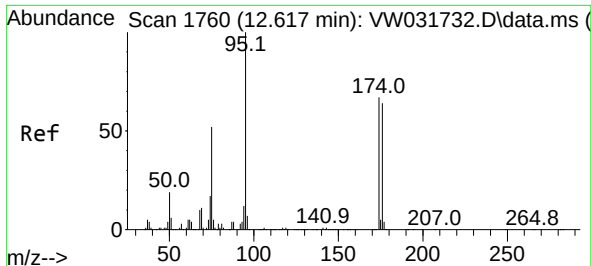
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Supervised By :Semsettin Yesilyurt 07/18/2025



#50
Toluene-d8
Concen: 41.667 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

Tgt Ion: 98 Resp: 33456
Ion Ratio Lower Upper
98 100
100 62.1 53.0 79.4





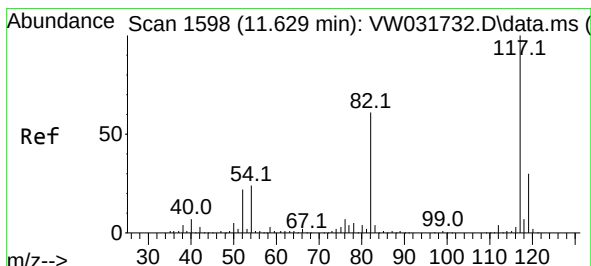
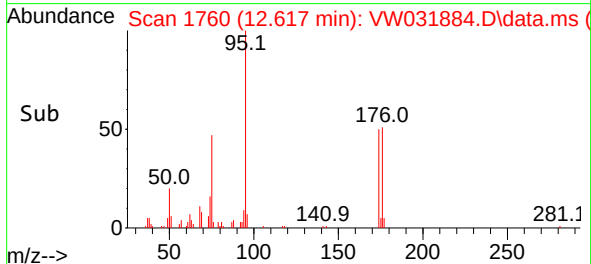
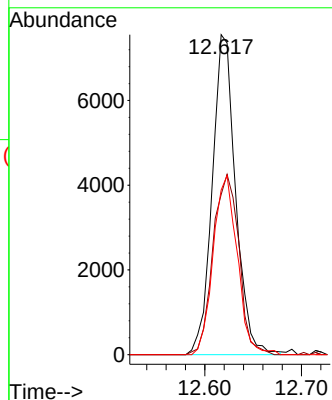
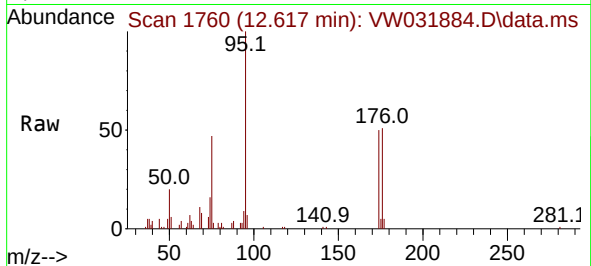
#62
4-Bromofluorobenzene
Concen: 42.933 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

Instrument :
MSVOA_W
ClientSampleId :
TR-05-07162025

Tgt Ion: 95 Resp: 12680
Ion Ratio Lower Upper
95 100
174 62.4 0.0 133.8
176 57.9 0.0 126.0

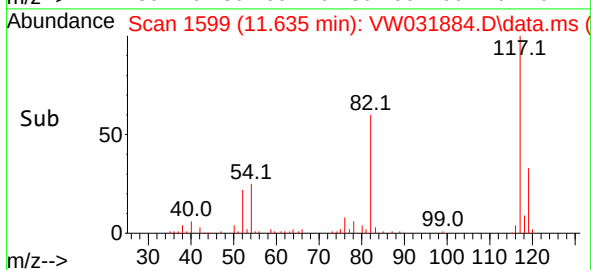
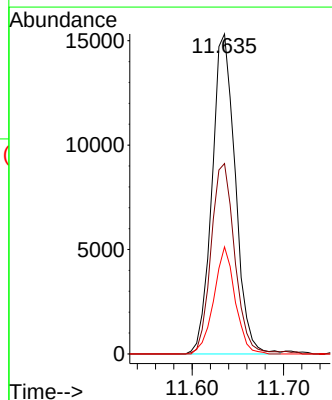
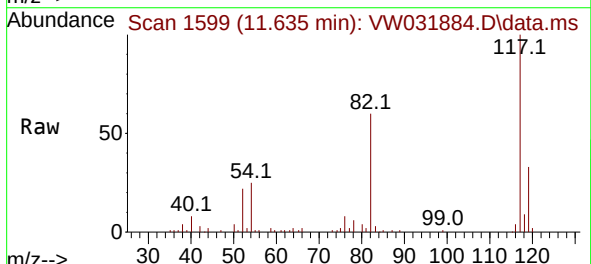
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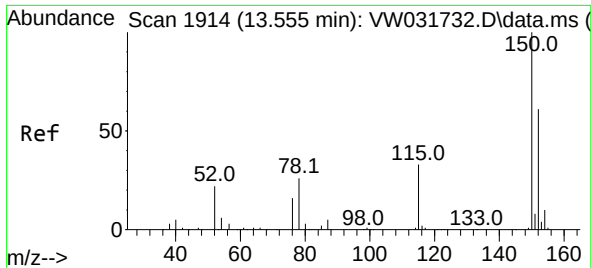
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/18/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

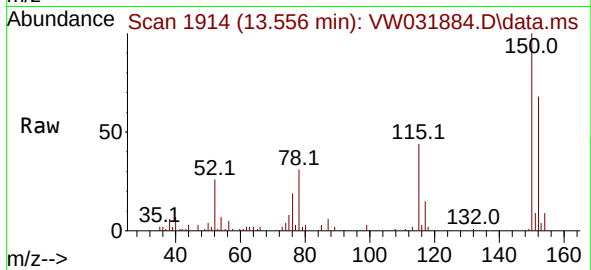
Tgt Ion:117 Resp: 27057
Ion Ratio Lower Upper
117 100
82 59.5 48.6 72.8
119 33.5 23.9 35.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031884.D
Acq: 17 Jul 2025 12:57

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	31.9	95.7
150	149.2	0.0	356.4

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