

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031802.D
 Acq On : 10 Jul 2025 14:52
 Operator : SY/MD
 Sample : Q2529-09
 Misc : 6.26g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-33

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 11 02:21:32 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	7.971	168	174896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	394315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	366550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142786	56.888	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 113.780%			
35) Dibromofluoromethane	7.904	113	115961	45.067	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 90.140%			
50) Toluene-d8	10.331	98	442456	46.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.617	95	173082	49.118	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.240%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	5182m	8.353	ug/l	
20) Methylene Chloride	4.954	84	21389	4.590	ug/l	95

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

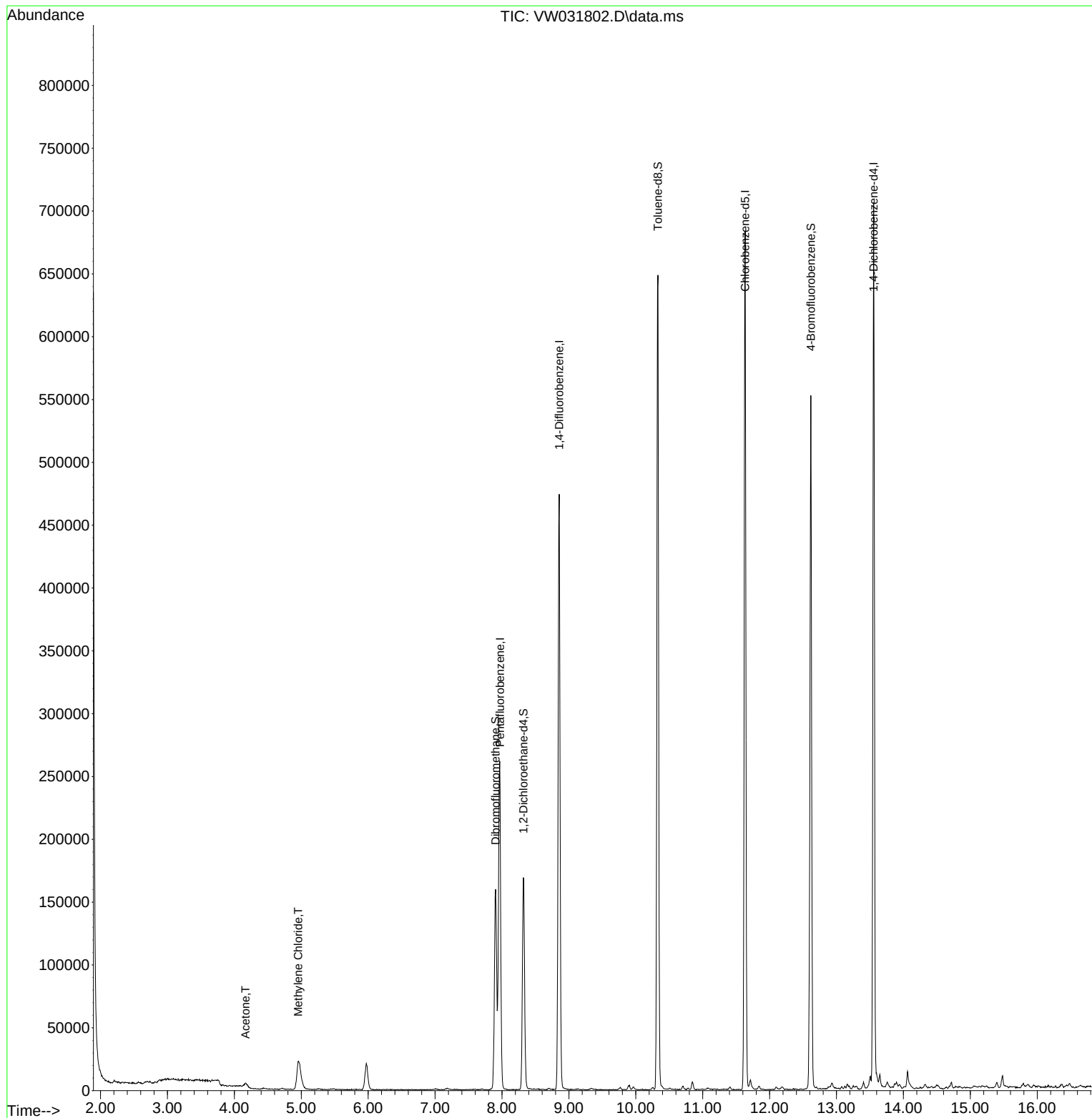
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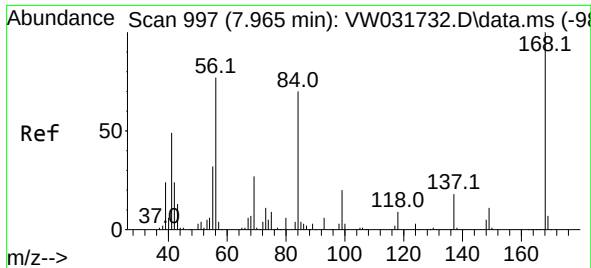
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TP-33

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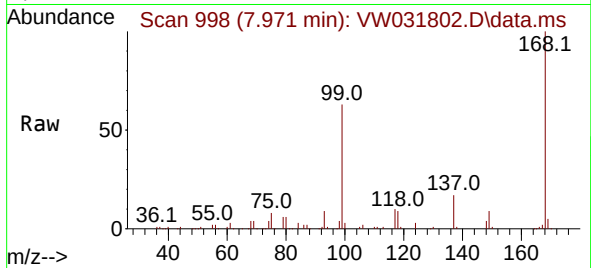
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

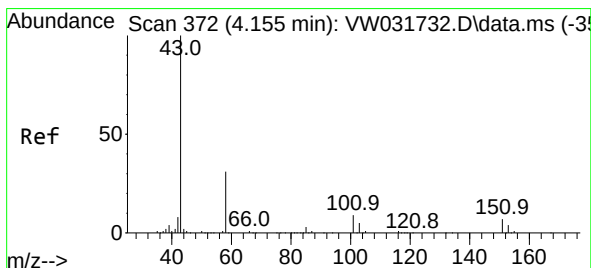
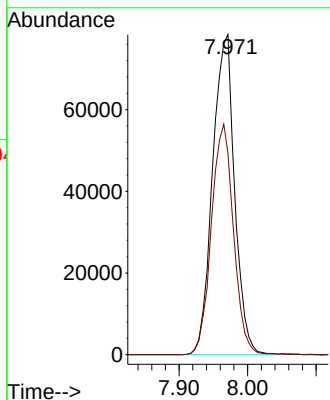
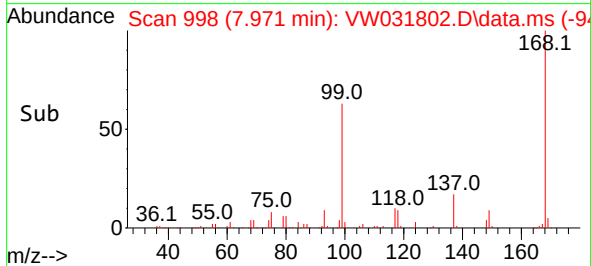
Instrument :
MSVOA_W
ClientSampleId :
TP-33



Tgt Ion:168 Resp: 174890
Ion Ratio Lower Upper
168 100
99 62.9 49.4 74.2

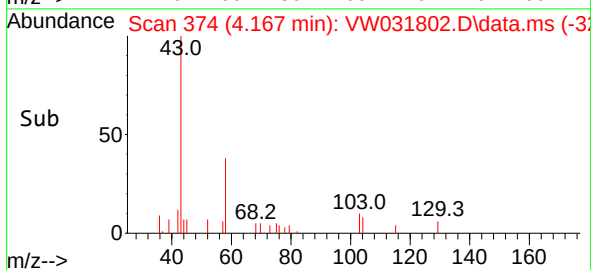
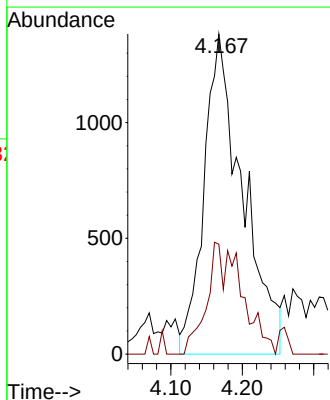
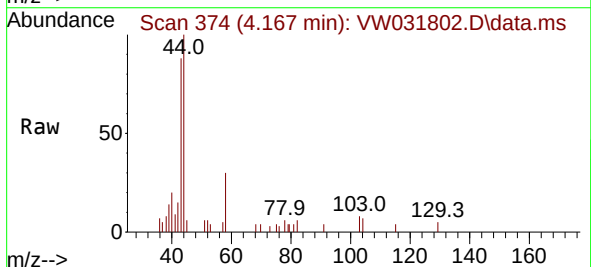
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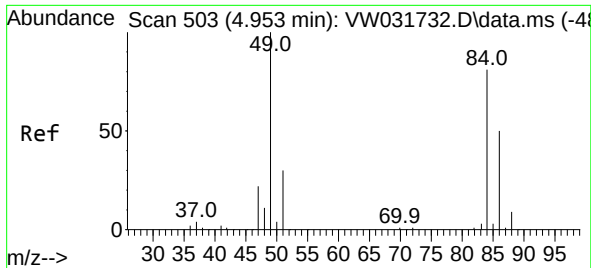
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#16
Acetone
Concen: 8.353 ug/l m
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

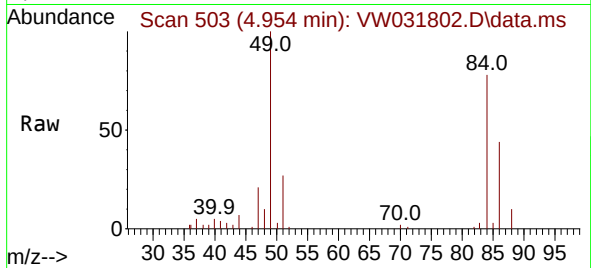
Tgt Ion: 43 Resp: 5182
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2





#20
Methylene Chloride
Concen: 4.590 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

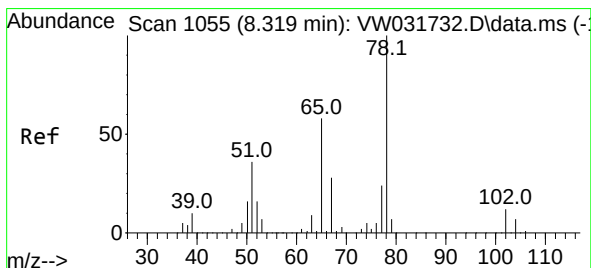
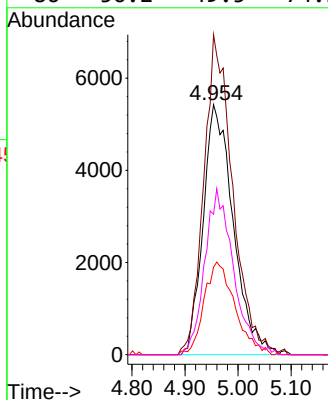
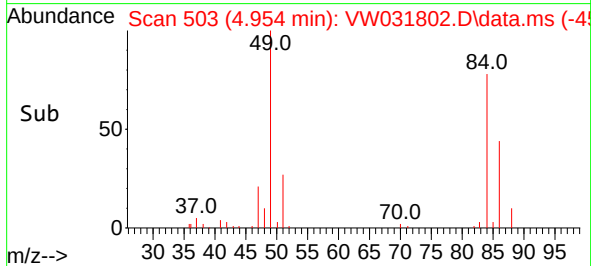
Instrument :
MSVOA_W
ClientSampleId :
TP-33



Tgt Ion: 84 Resp: 21389
Ion Ratio Lower Upper
84 100
49 128.0 98.2 147.4
51 35.0 29.8 44.8
86 56.2 49.5 74.3

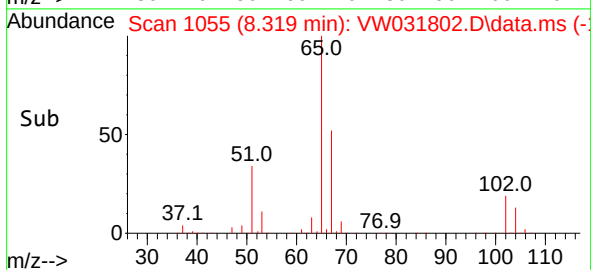
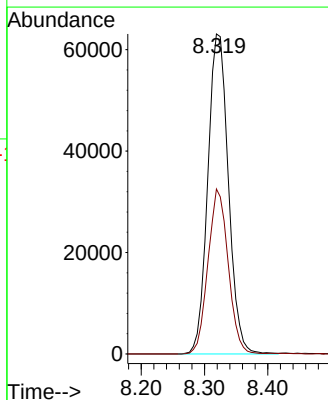
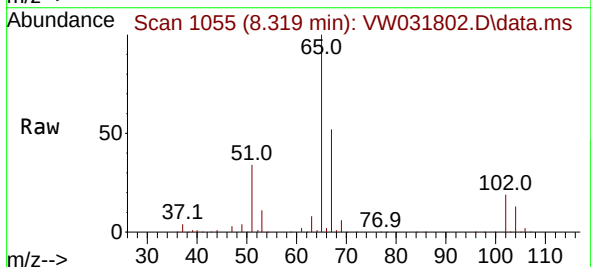
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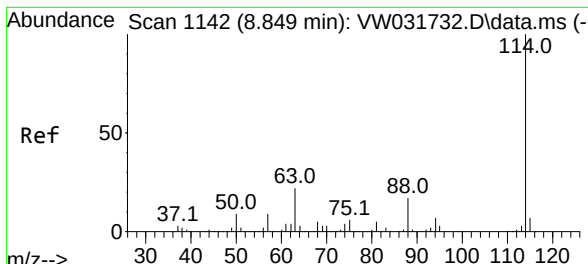
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 56.888 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

Tgt Ion: 65 Resp: 142786
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031802.D
 Acq: 10 Jul 2025 14:52

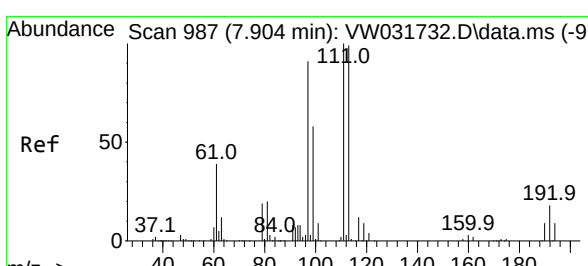
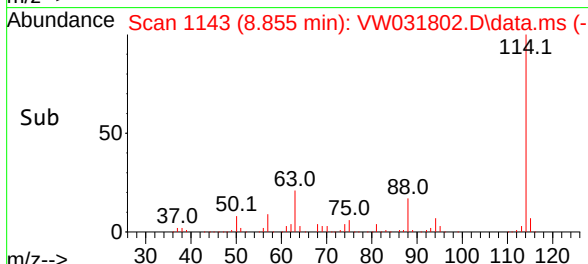
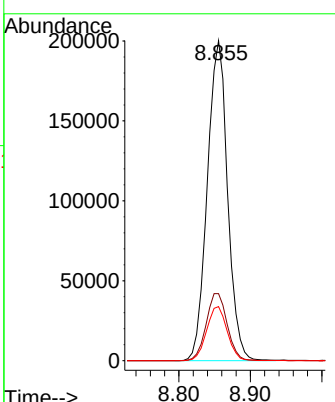
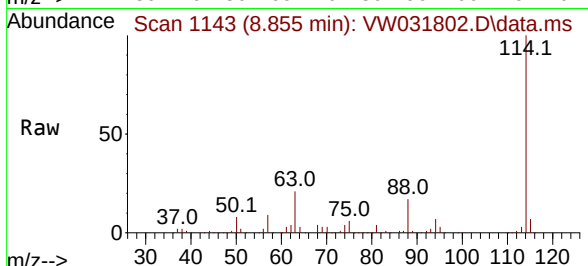
Instrument : MSVOA_W
 ClientSampleId : TP-33

Tgt Ion:114 Resp: 394315

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.6
88	16.9	0.0	34.2

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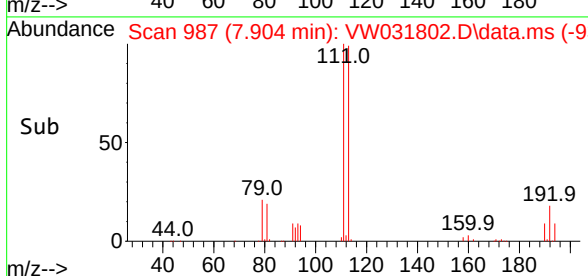
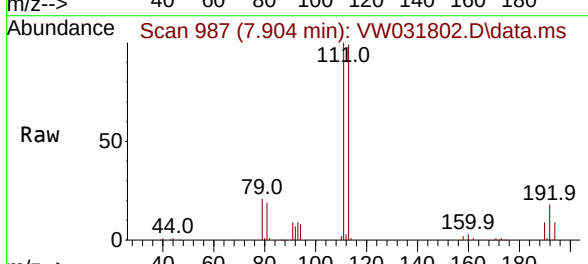
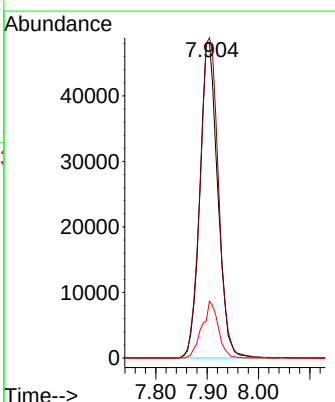
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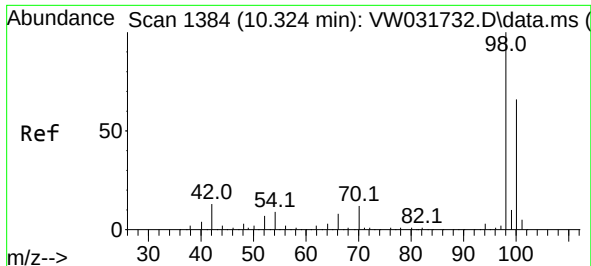


#35
 Dibromofluoromethane
 Concen: 45.067 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031802.D
 Acq: 10 Jul 2025 14:52

Tgt Ion:113 Resp: 115961

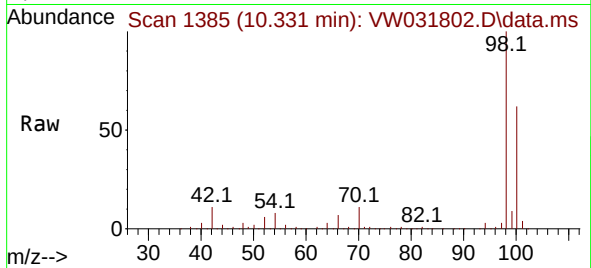
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.1	123.1
192	16.4	13.8	20.6





#50
Toluene-d8
Concen: 46.207 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

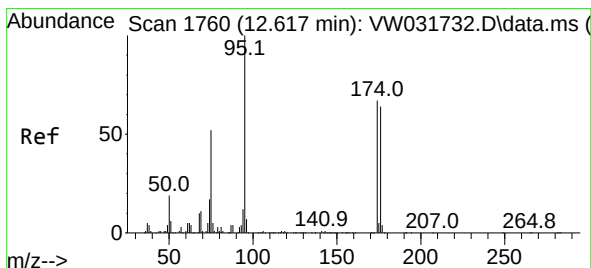
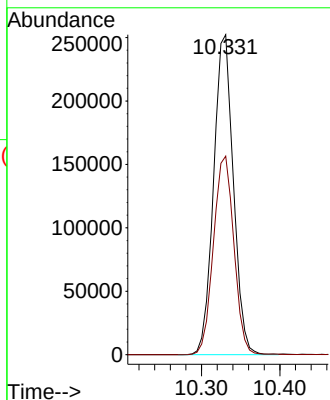
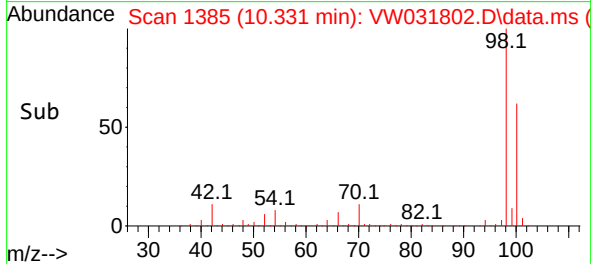
Instrument :
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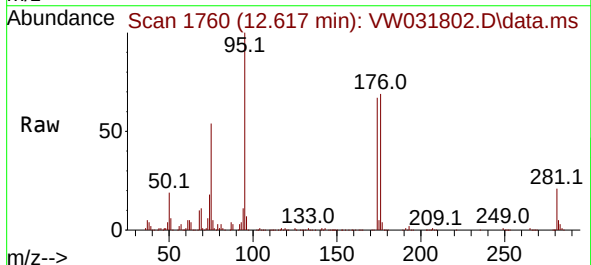
Tgt Ion: 98 Resp: 442450
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

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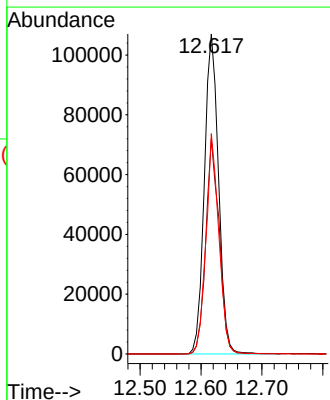
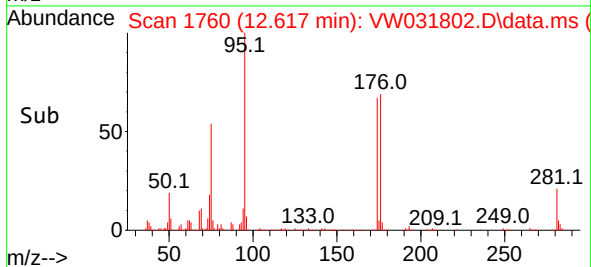
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

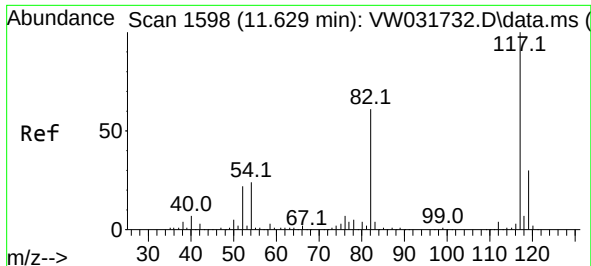


#62
4-Bromofluorobenzene
Concen: 49.118 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52



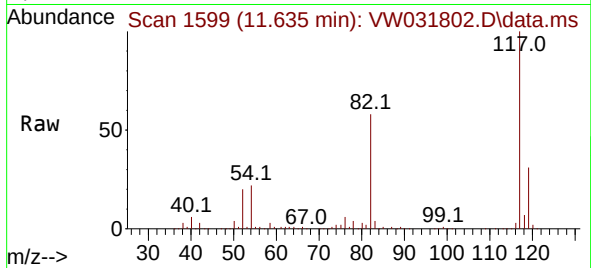
Tgt Ion: 95 Resp: 173082
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.8
176 62.8 0.0 126.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52

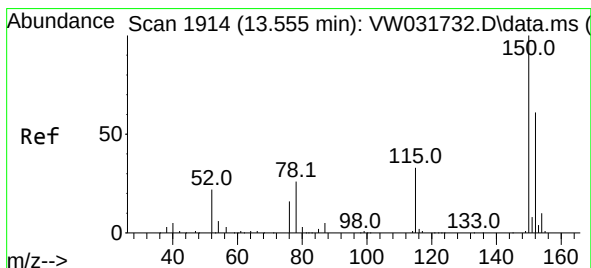
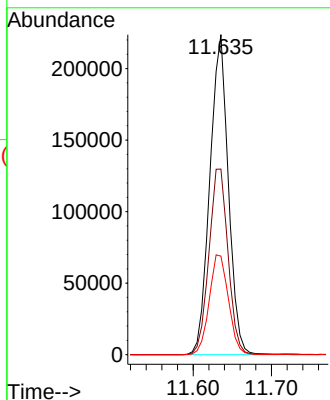
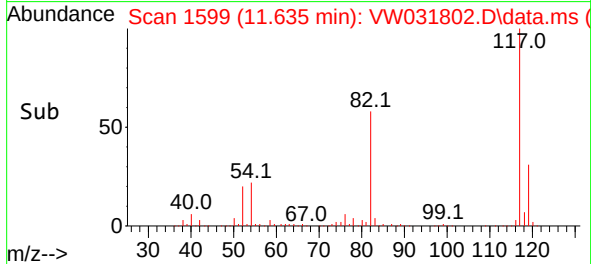
Instrument :
MSVOA_W
ClientSampleId :
TP-33



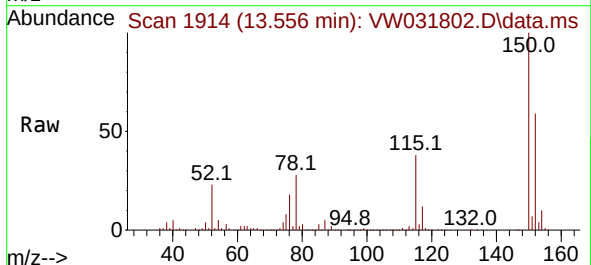
Tgt Ion:117 Resp: 366550
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 30.8 23.9 35.9

Manual Integrations
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Supervised By :Semsettin Yesilyurt 07/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031802.D
Acq: 10 Jul 2025 14:52



Tgt Ion:152 Resp: 166714
Ion Ratio Lower Upper
152 100
115 70.0 31.9 95.7
150 162.2 0.0 356.4

