

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032098.D
 Acq On : 14 Aug 2025 16:55
 Operator : SY/MD
 Sample : Q2820-15
 Misc : 7.12g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 10P-S

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 03:55:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	68904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	131758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	126210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	77275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	50697	50.873	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 101.740%			
35) Dibromofluoromethane	7.898	113	46810	54.992	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.980%			
50) Toluene-d8	10.324	98	146293	46.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 92.940%			
62) 4-Bromofluorobenzene	12.617	95	64939	55.971	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 111.940%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	3499m	15.165	ug/l	
20) Methylene Chloride	4.947	84	6349	5.952	ug/l #	88

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

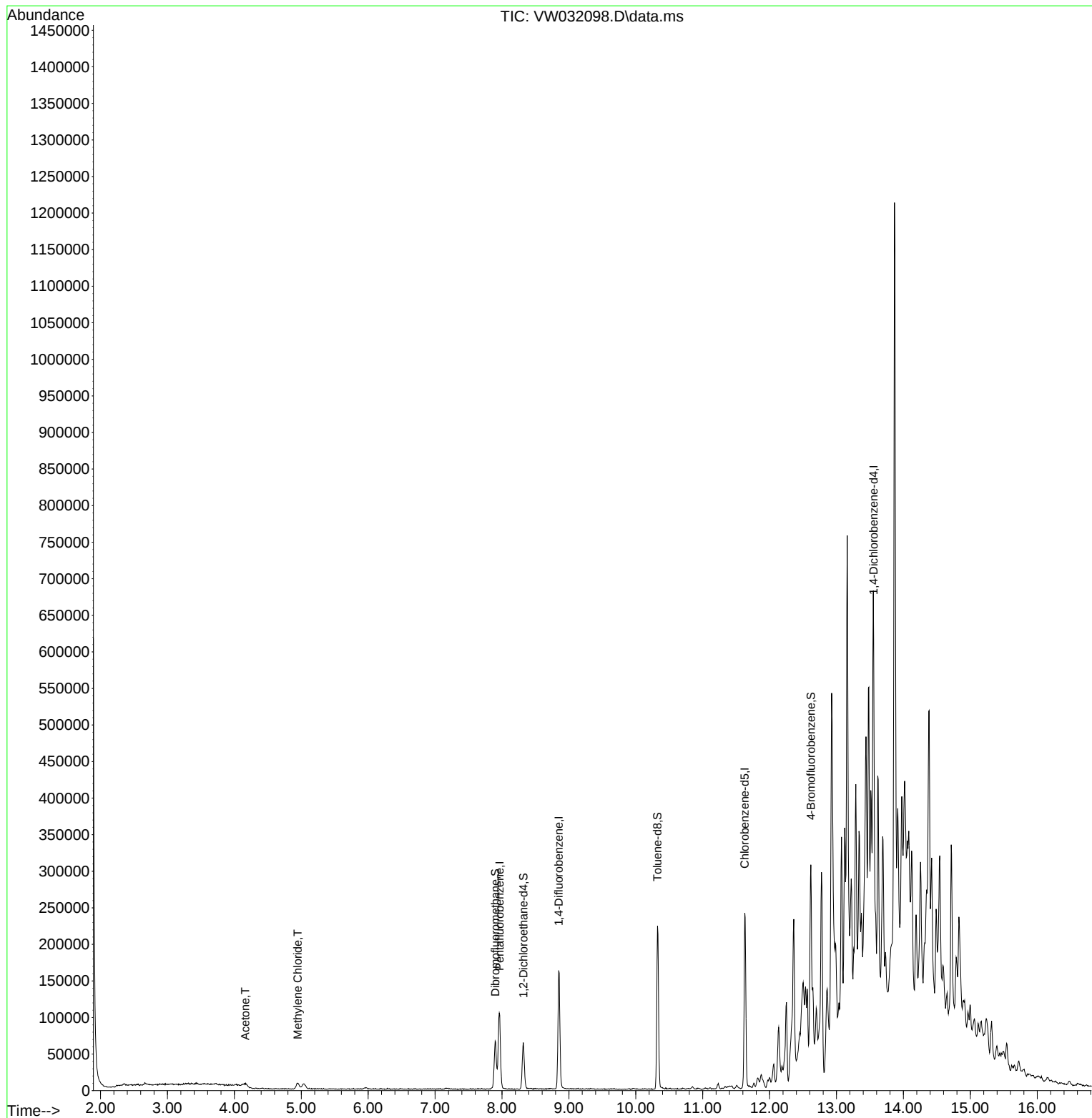
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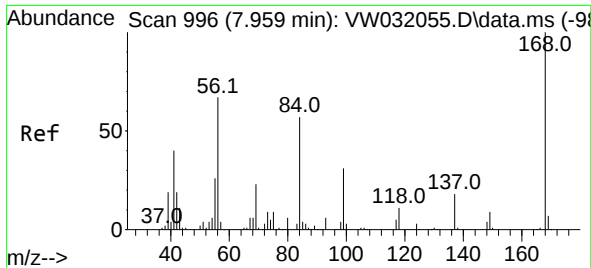
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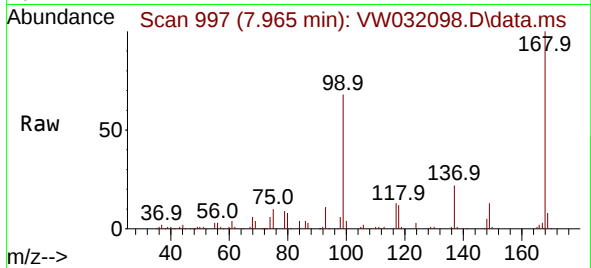
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

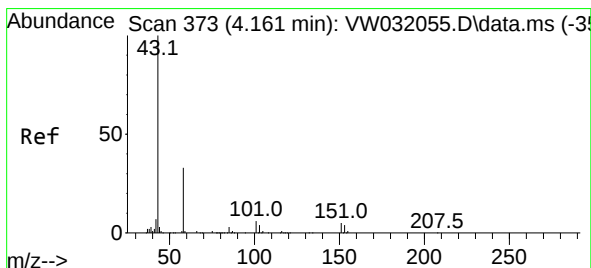
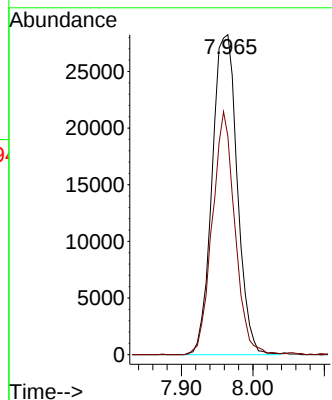
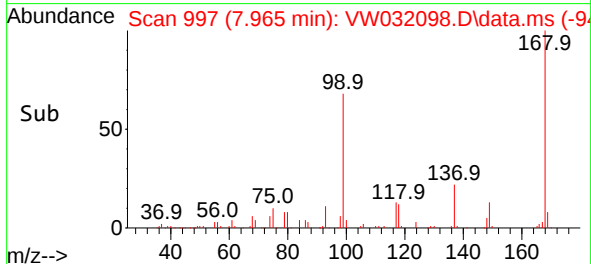
Instrument :
MSVOA_W
Client Sample Id :
10P-S



Tgt Ion:168 Resp: 68904
Ion Ratio Lower Upper
168 100
99 68.2 56.0 84.0

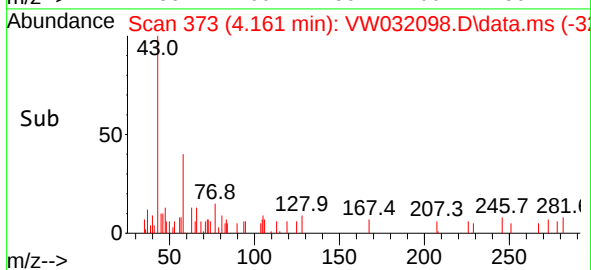
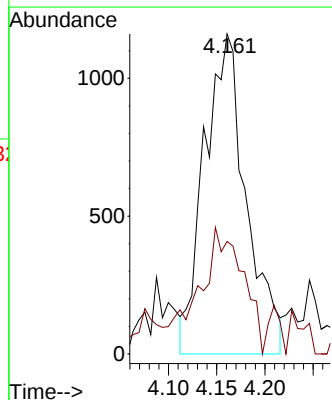
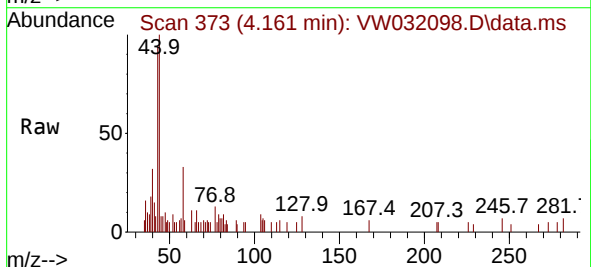
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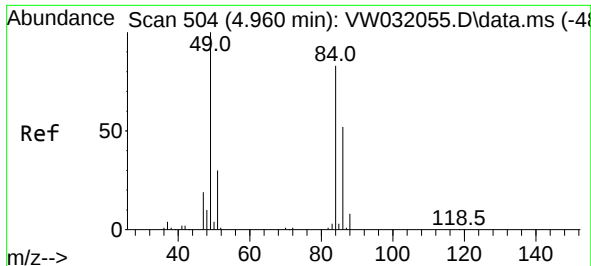
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 15.165 ug/l m
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

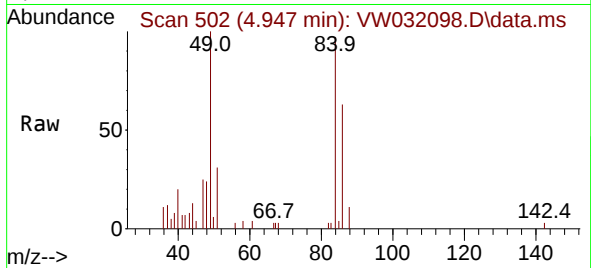
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 35.1 26.6 39.8





#20
Methylene Chloride
Concen: 5.952 ug/l
RT: 4.947 min Scan# 504
Delta R.T. -0.013 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

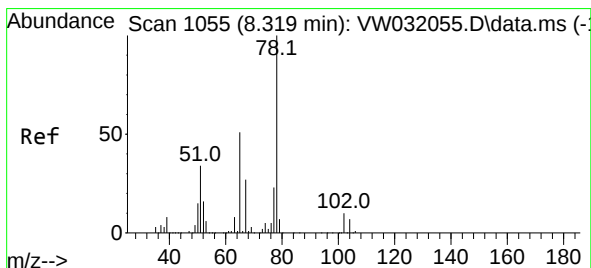
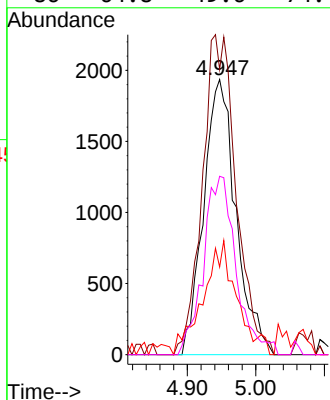
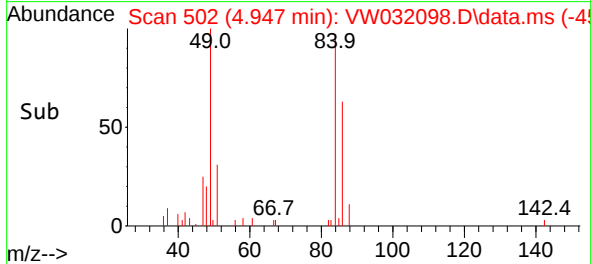
Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 6349
Ion Ratio Lower Upper
84 100
49 103.6 95.9 143.9
51 24.3 28.6 43.0
86 64.8 49.6 74.4

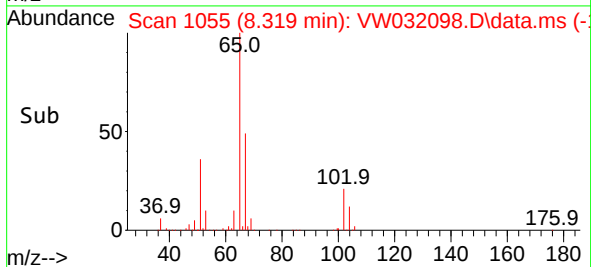
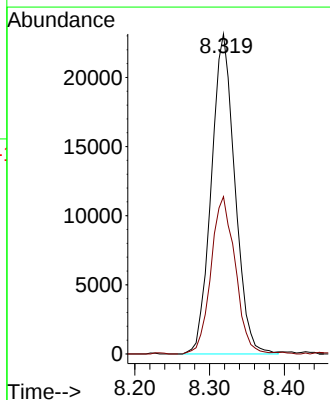
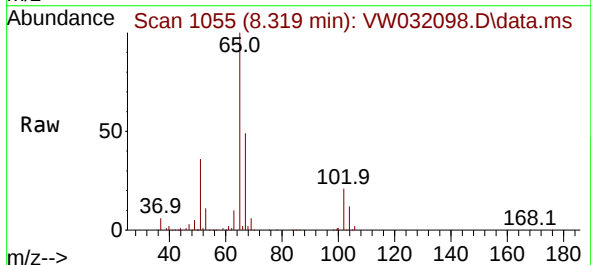
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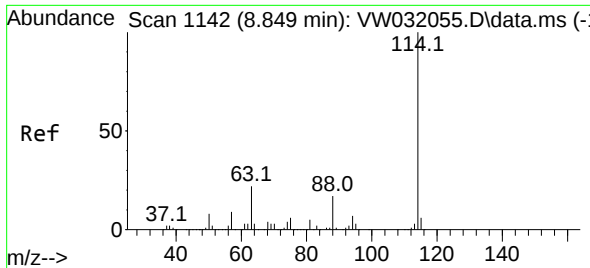
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#33
1,2-Dichloroethane-d4
Concen: 50.873 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

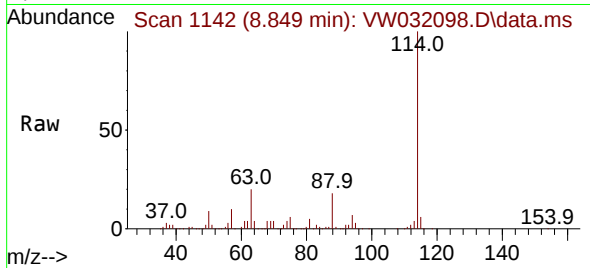
Tgt Ion: 65 Resp: 50697
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

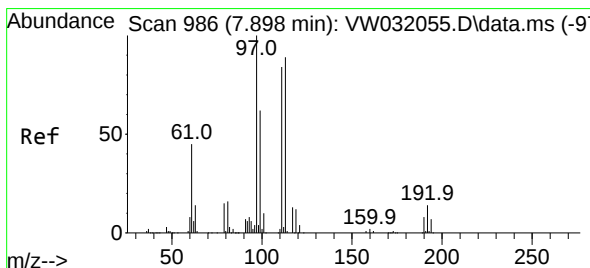
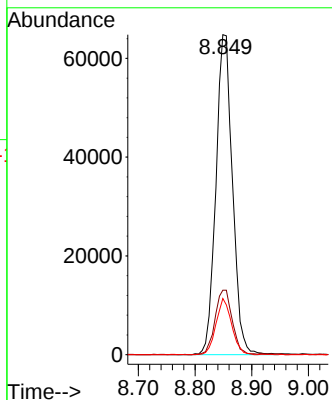
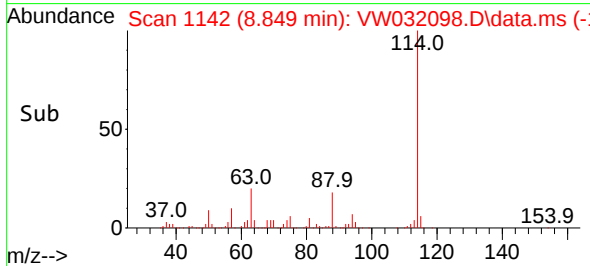
Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:114 Resp: 131758
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.0
88 17.5 0.0 33.8

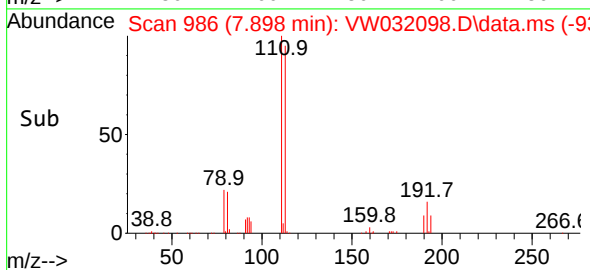
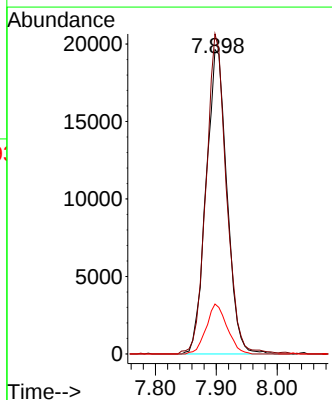
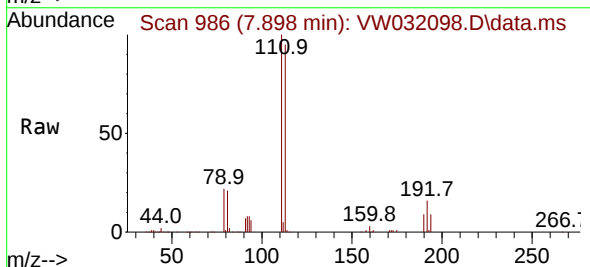
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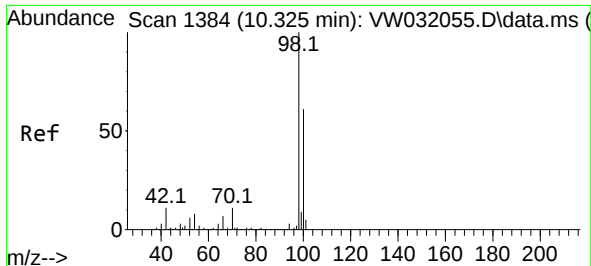
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#35
Dibromofluoromethane
Concen: 54.992 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

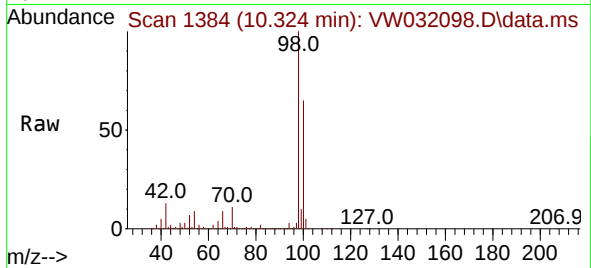
Tgt Ion:113 Resp: 46810
Ion Ratio Lower Upper
113 100
111 102.3 80.1 120.1
192 16.3 13.1 19.7





#50
Toluene-d8
Concen: 46.466 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

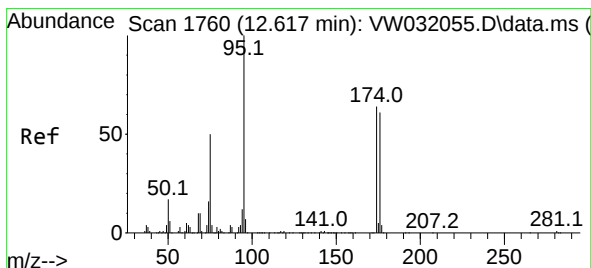
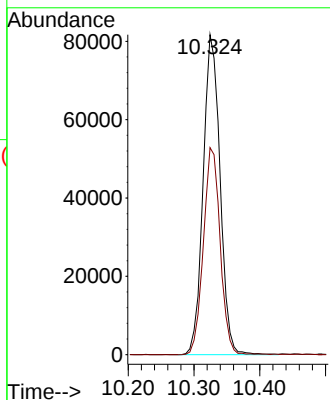
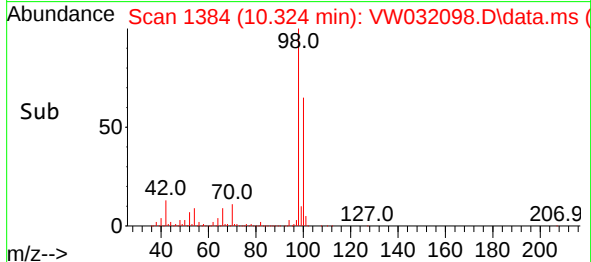
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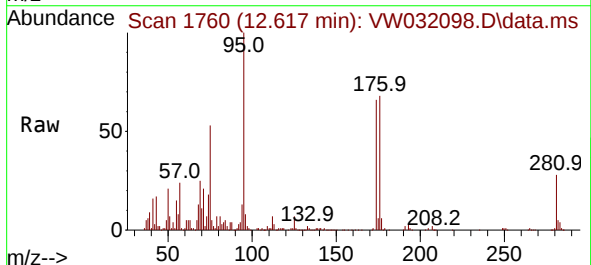
Tgt Ion: 98 Resp: 146293
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

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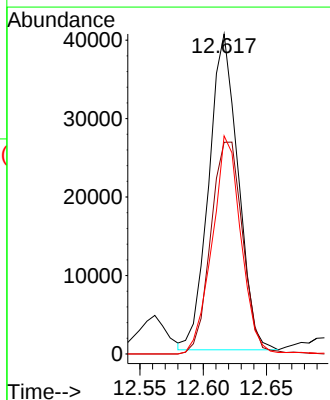
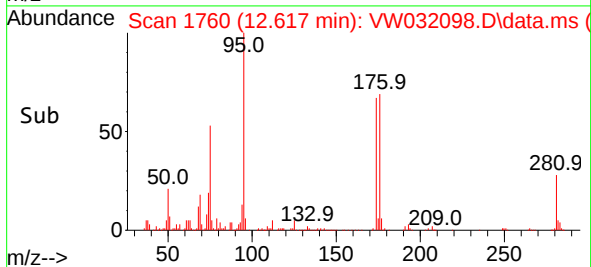
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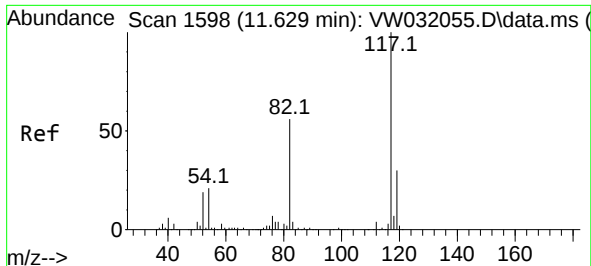


#62
4-Bromofluorobenzene
Concen: 55.971 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55



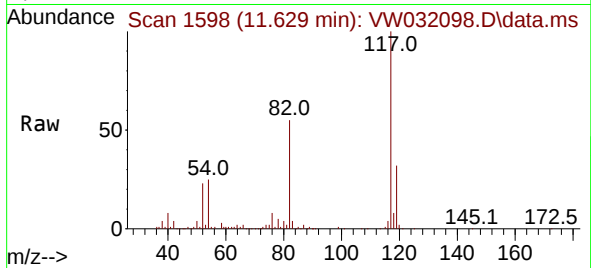
Tgt Ion: 95 Resp: 64939
Ion Ratio Lower Upper
95 100
174 73.2 0.0 129.0
176 68.0 0.0 124.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55

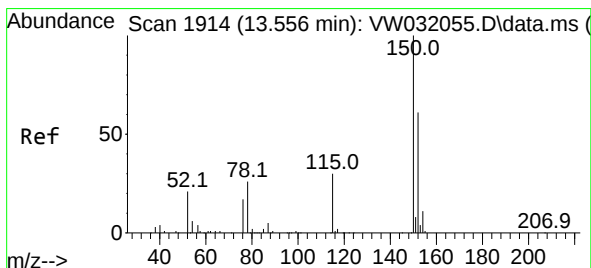
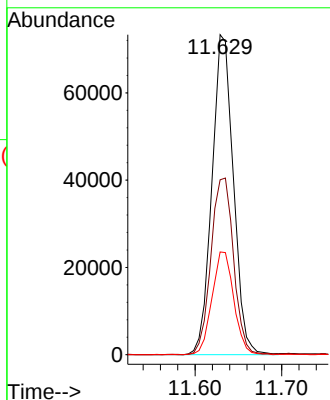
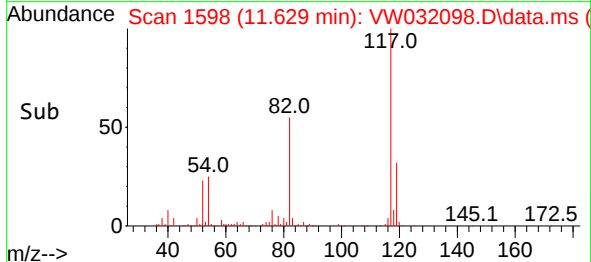
Instrument :
MSVOA_W
ClientSampleId :
10P-S



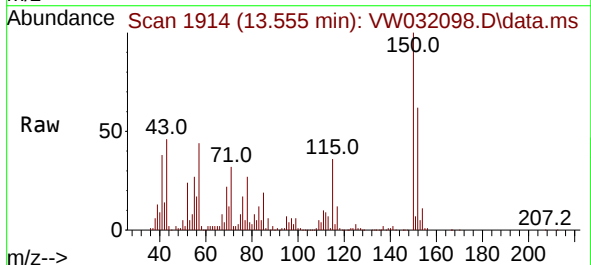
Tgt Ion:117 Resp: 126210
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.1 24.2 36.4

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032098.D
Acq: 14 Aug 2025 16:55



Tgt Ion:152 Resp: 77275
Ion Ratio Lower Upper
152 100
115 59.3 32.6 97.8
150 151.9 0.0 359.4

