

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032008.D
 Acq On : 05 Aug 2025 12:13
 Operator : SY/MD
 Sample : Q2760-01RE
 Misc : 5.23g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-08042025RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 03:53:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	55750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	100720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	86486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	34475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	33929	40.231	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	80.460%		
35) Dibromofluoromethane	7.898	113	31258	45.672	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	91.340%		
50) Toluene-d8	10.325	98	102205	39.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	78.920%		
62) 4-Bromofluorobenzene	12.617	95	34332	34.518	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	69.040%		
Target Compounds					Qvalue	
16) Acetone	4.155	43	3836m	19.168	ug/l	

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

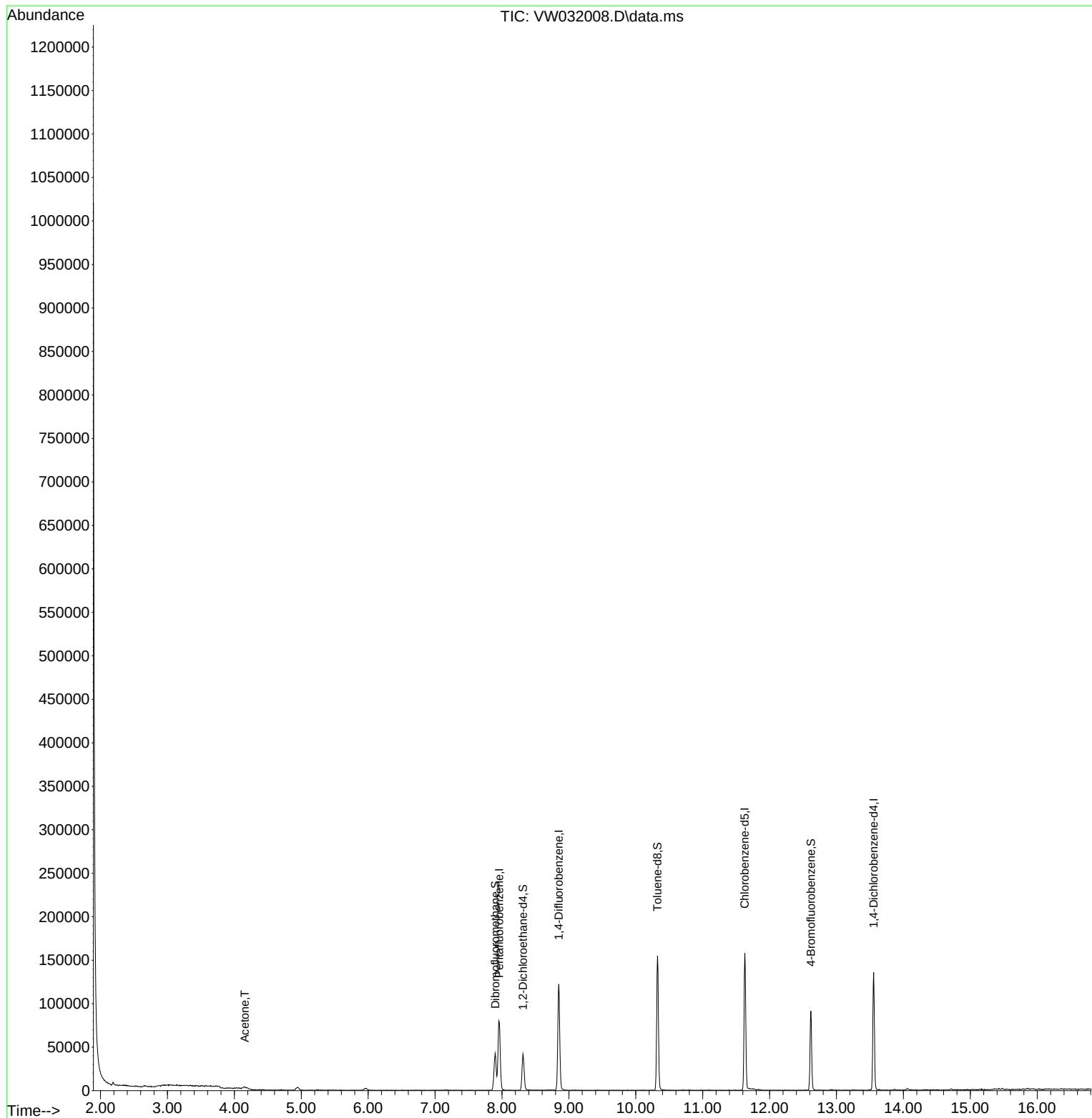
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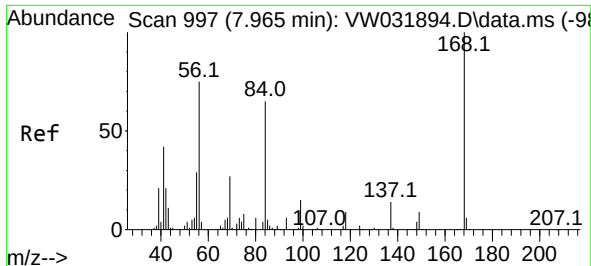
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
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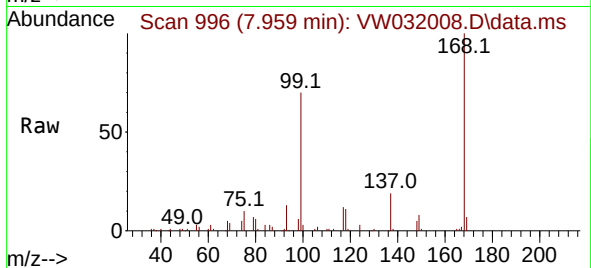
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

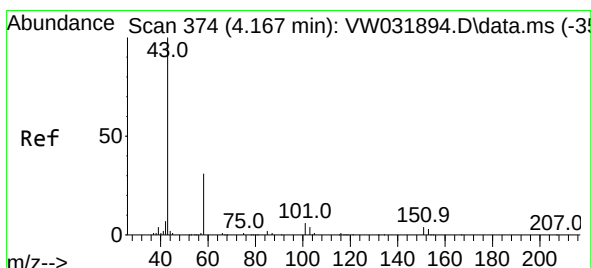
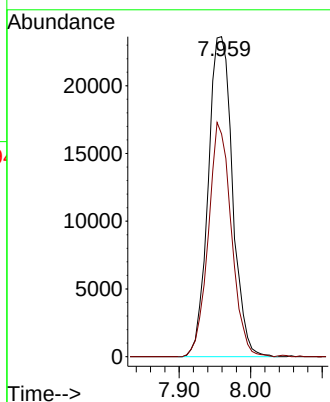
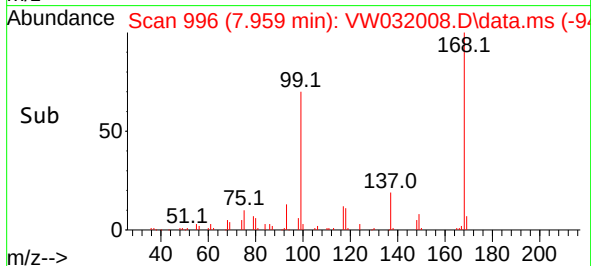
Instrument :
MSVOA_W
ClientSampleId :
NB-07-08042025RE



Tgt Ion:168 Resp: 55750
Ion Ratio Lower Upper
168 100
99 69.6 48.2 72.2

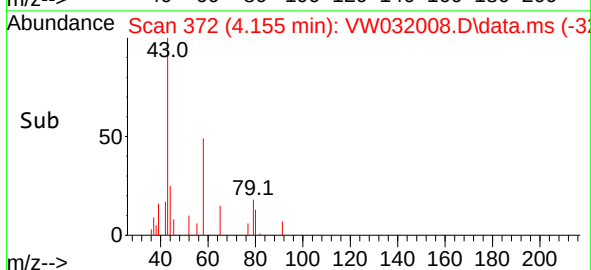
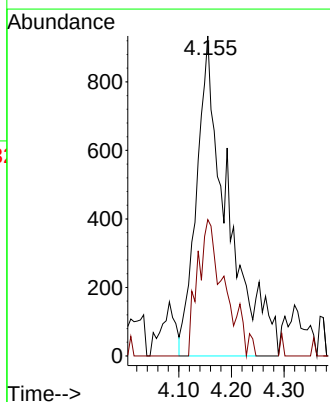
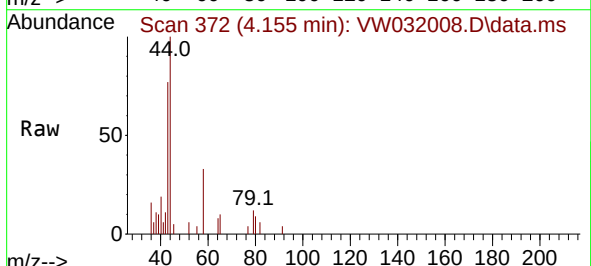
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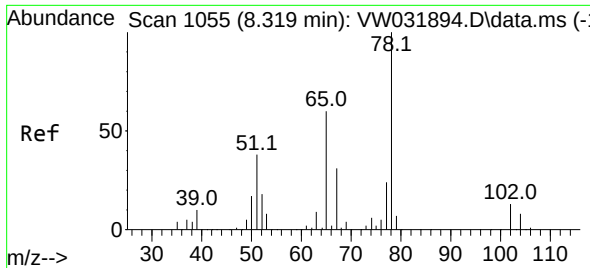
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#16
Acetone
Concen: 19.168 ug/l m
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

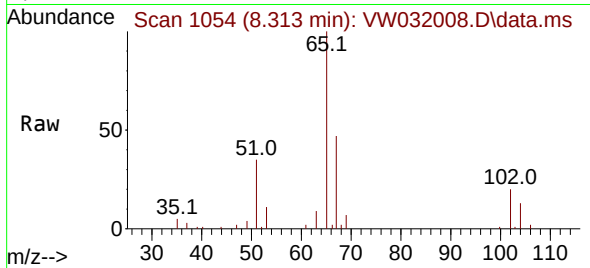
Tgt Ion: 43 Resp: 3836
Ion Ratio Lower Upper
43 100
58 42.6 25.5 38.3#





#33
 1,2-Dichloroethane-d4
 Concen: 40.231 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032008.D
 Acq: 05 Aug 2025 12:13

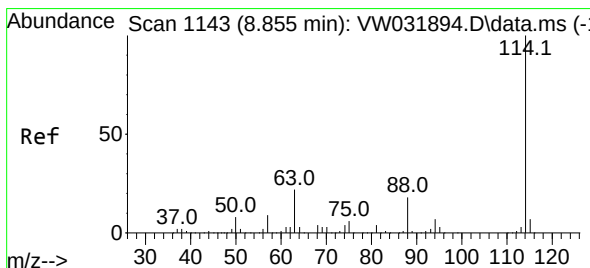
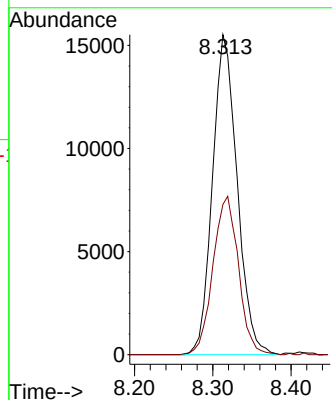
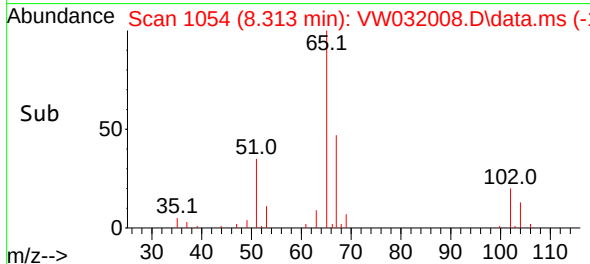
Instrument :
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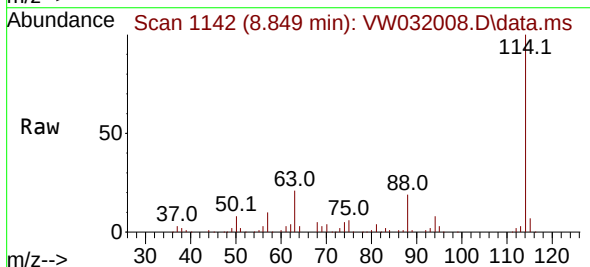
Tgt Ion: 65 Resp: 33929
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.4

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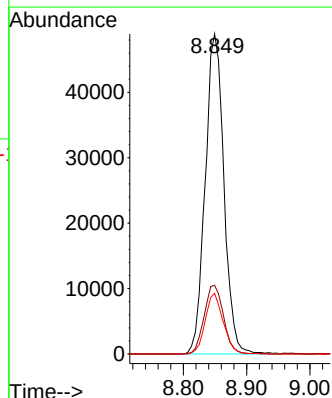
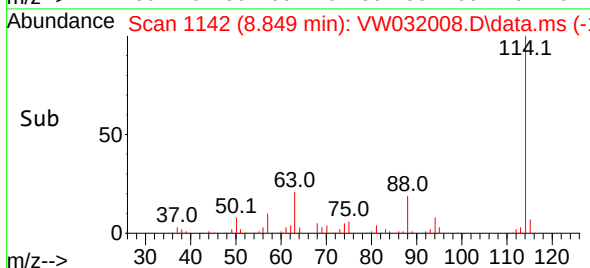
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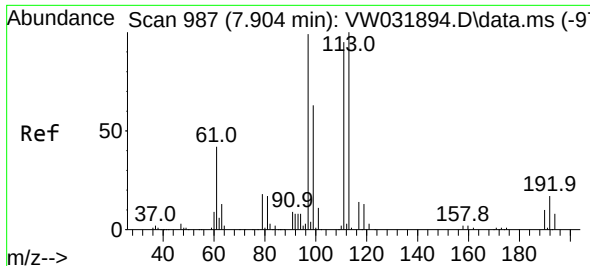


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032008.D
 Acq: 05 Aug 2025 12:13



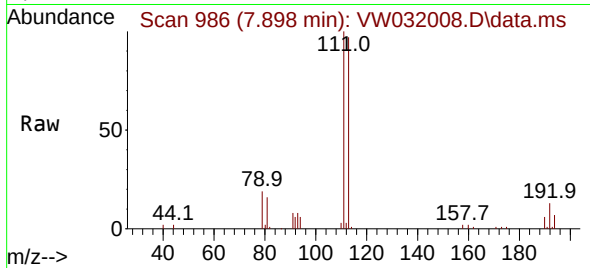
Tgt Ion:114 Resp: 100720
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.2
 88 19.0 0.0 35.6





#35
Dibromofluoromethane
Concen: 45.672 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

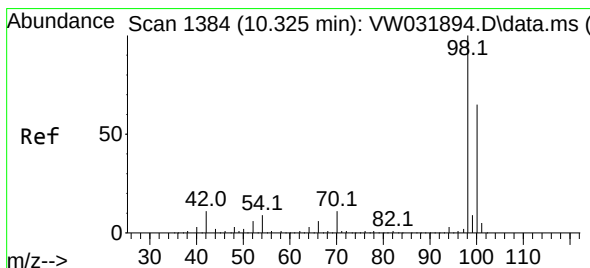
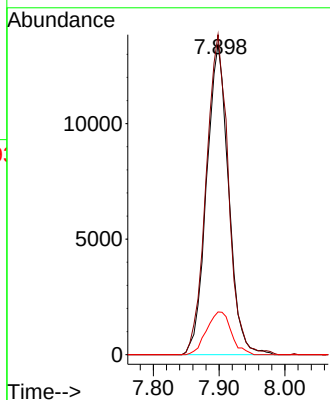
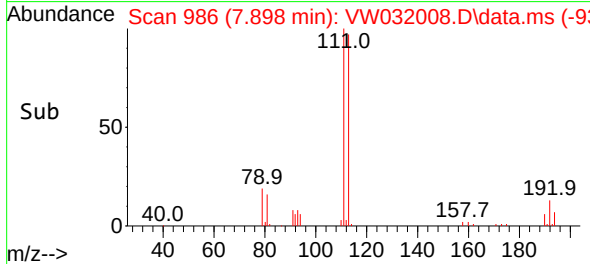
Instrument :
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ClientSampleId :
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Tgt Ion: 113 Resp: 31258
Ion Ratio Lower Upper
113 100
111 104.4 79.9 119.9
192 15.5 12.6 19.0

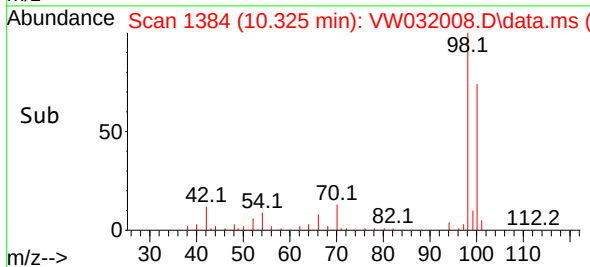
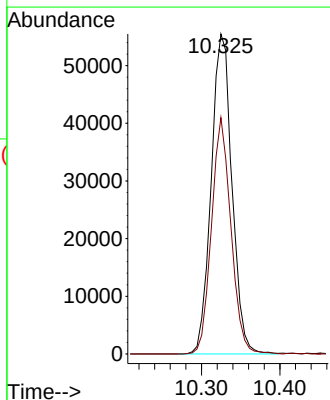
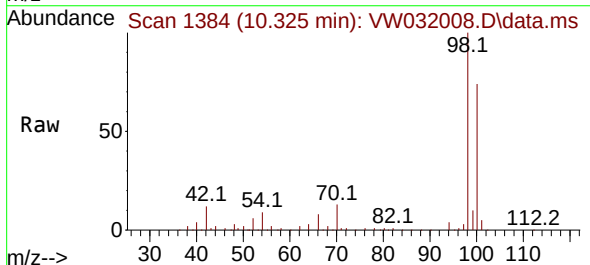
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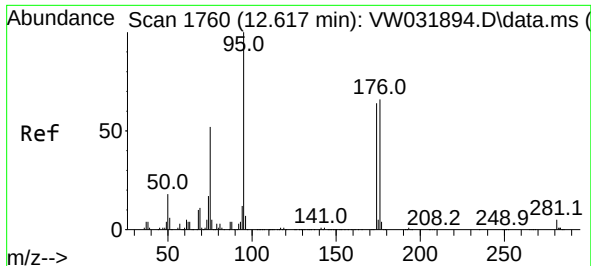
Reviewed By :Mahesh Dadoda 08/06/2025
Supervised By :Semsettin Yesilyurt 08/06/2025



#50
Toluene-d8
Concen: 39.457 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

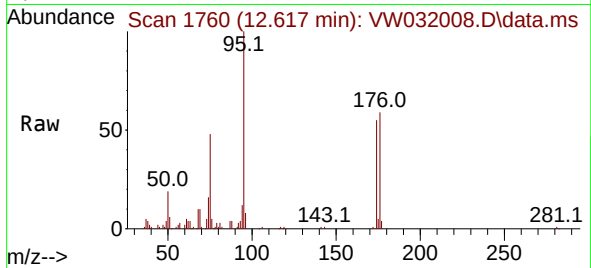
Tgt Ion: 98 Resp: 102205
Ion Ratio Lower Upper
98 100
100 69.1 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 34.518 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13

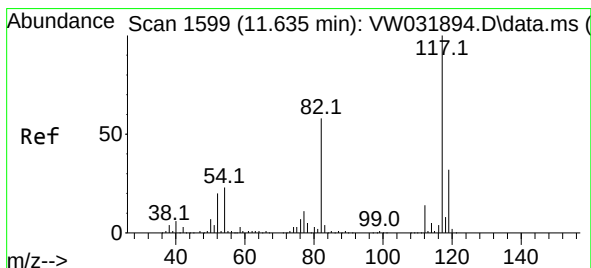
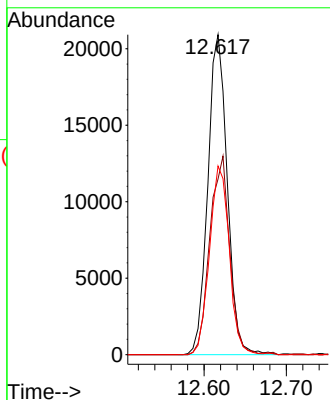
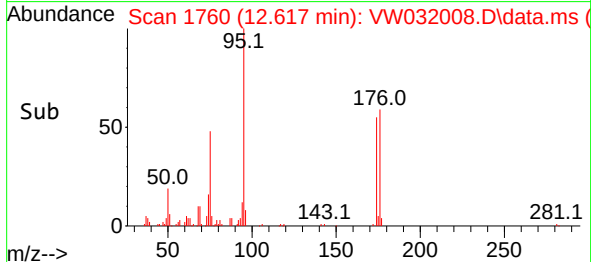
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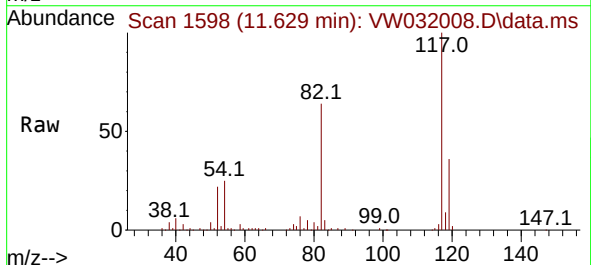
Tgt Ion: 95 Resp: 3433
Ion Ratio Lower Upper
95 100
174 63.9 0.0 129.8
176 60.2 0.0 130.4

Manual Integrations
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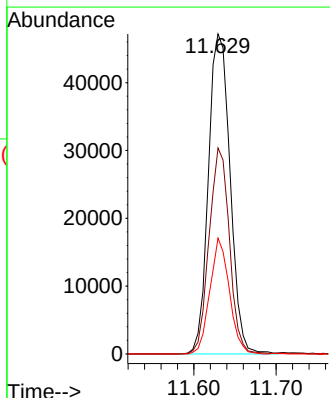
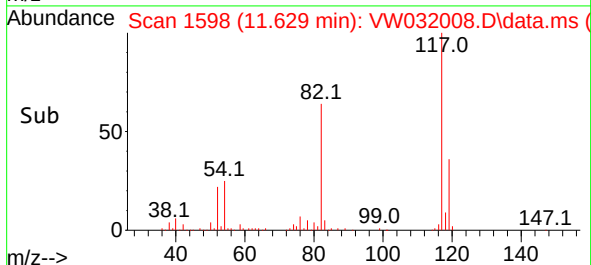
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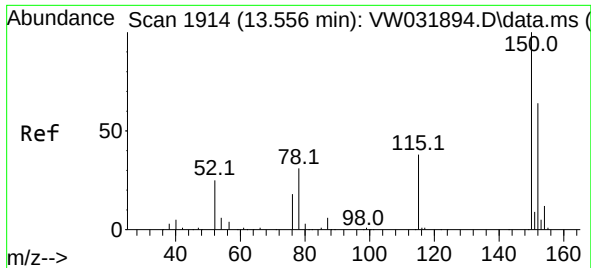


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032008.D
Acq: 05 Aug 2025 12:13



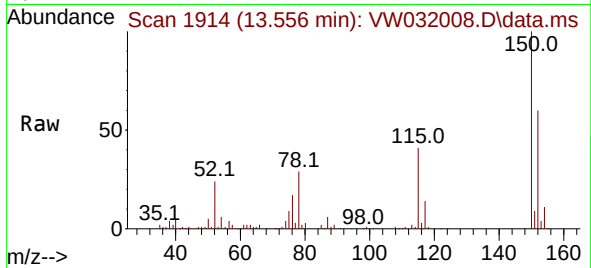
Tgt Ion:117 Resp: 86486
Ion Ratio Lower Upper
117 100
82 64.4 46.5 69.7
119 36.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032008.D
 Acq: 05 Aug 2025 12:13

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:152 Resp: 34479
 Ion Ratio Lower Upper
 152 100
 115 65.7 33.4 100.1
 150 153.9 0.0 352.2

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