

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032084.D
 Acq On : 14 Aug 2025 11:39
 Operator : SY/MD
 Sample : Q2820-01
 Misc : 6.98g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 82H-S

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 03:49:22 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	7.959	168	45251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	78268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	70501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	25417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	29806	45.543	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	91.080%		
35) Dibromofluoromethane	7.898	113	26022	51.463	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	102.920%		
50) Toluene-d8	10.325	98	77311	41.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	82.680%		
62) 4-Bromofluorobenzene	12.617	95	24185	35.091	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	70.180%		
Target Compounds						Qvalue
16) Acetone	4.149	43	5042m	33.275	ug/l	

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

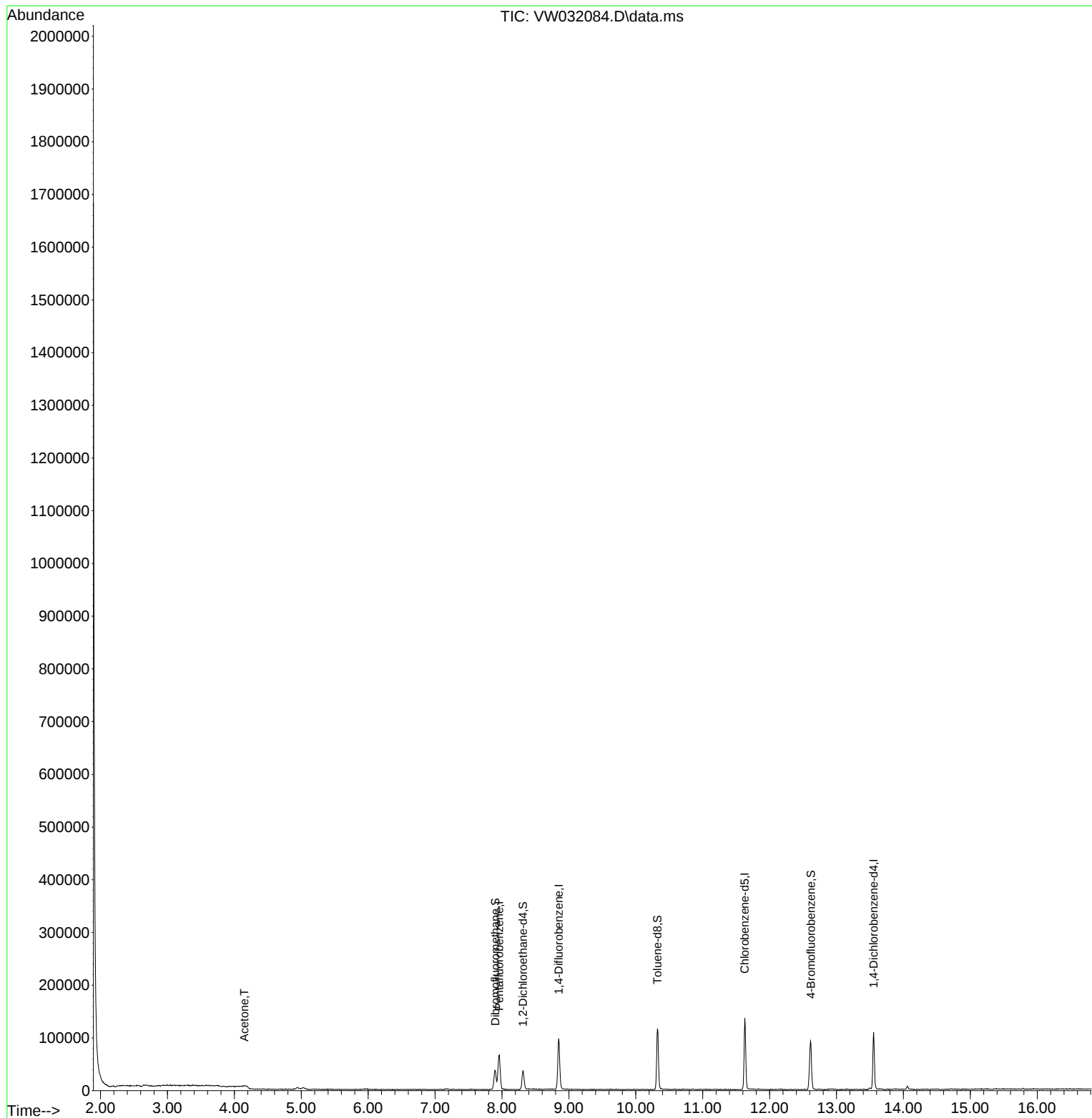
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032084.D
Acq On : 14 Aug 2025 11:39
Operator : SY/MD
Sample : Q2820-01
Misc : 6.98g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

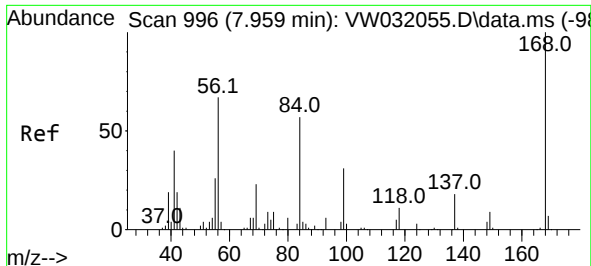
Instrument :
MSVOA_W
ClientSampleId :
82H-S

Manual Integrations
APPROVED

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

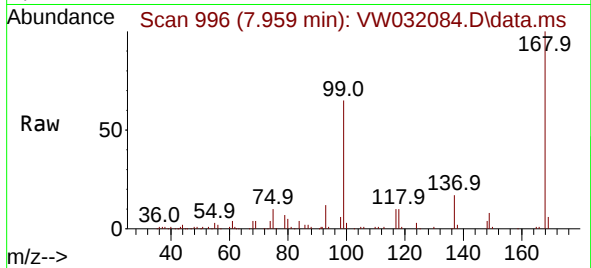
Quant Time: Aug 18 03:49:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

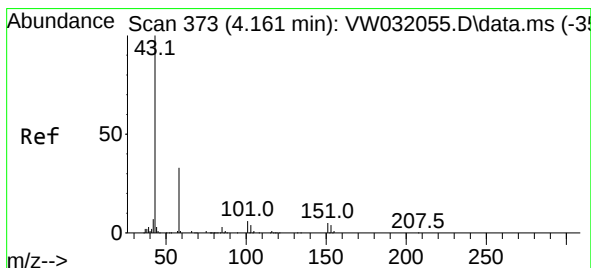
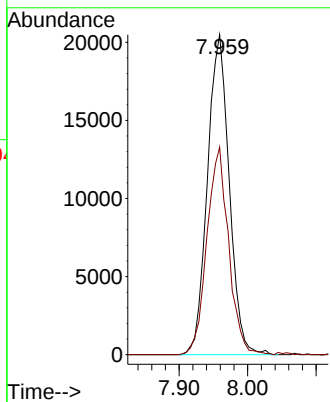
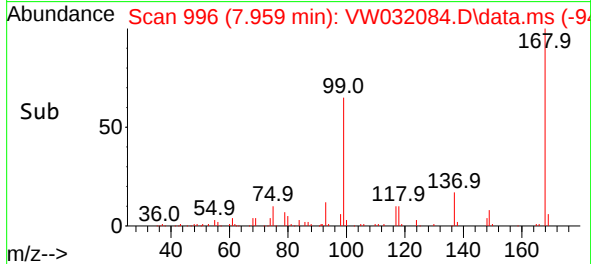
Instrument :
MSVOA_W
Client Sample Id :
82H-S



Tgt Ion: 168 Resp: 4525
Ion Ratio Lower Upper
168 100
99 64.6 56.0 84.0

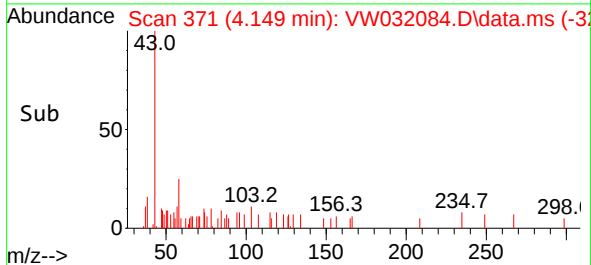
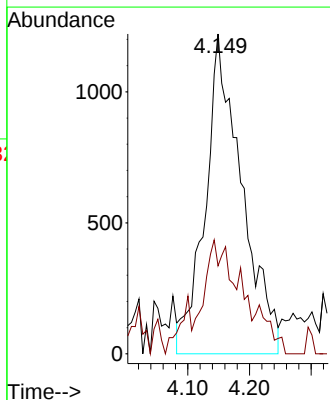
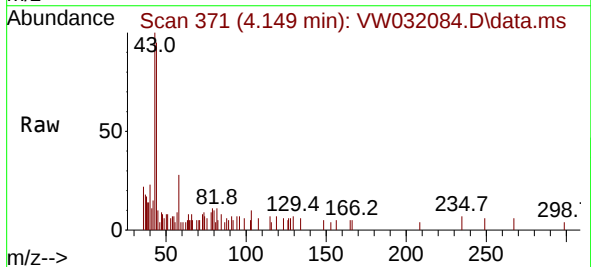
Manual Integrations
APPROVED

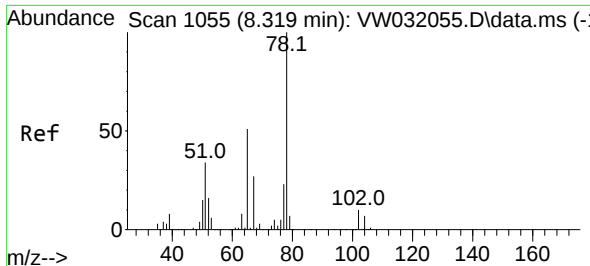
Reviewed By : Semsettin Yesilyurt 08/19/2025
Supervised By : Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 33.275 ug/l m
RT: 4.149 min Scan# 371
Delta R.T. -0.012 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

Tgt Ion: 43 Resp: 5042
Ion Ratio Lower Upper
43 100
58 27.5 26.6 39.8





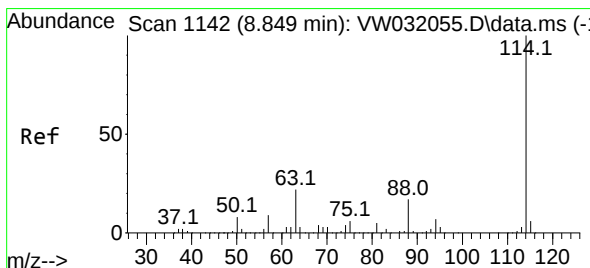
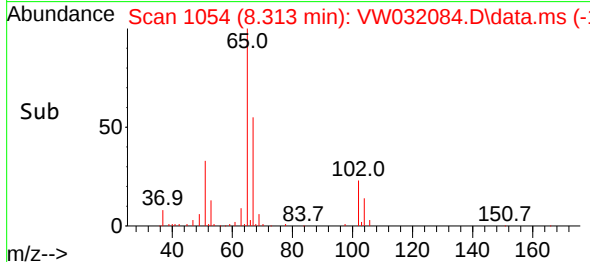
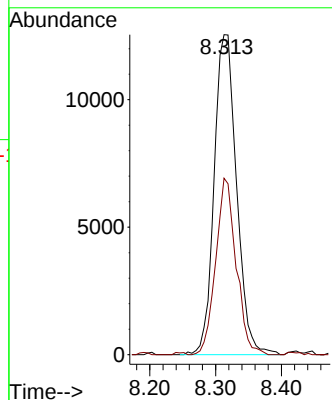
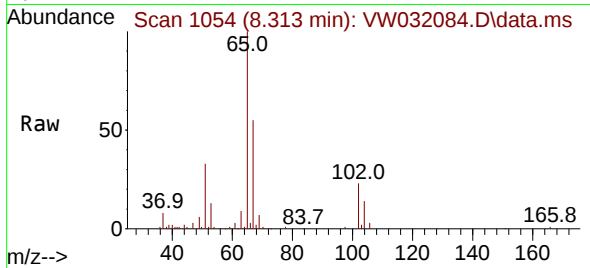
#33
 1,2-Dichloroethane-d4
 Concen: 45.543 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW032084.D
 Acq: 14 Aug 2025 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 82H-S

Tgt Ion: 65 Resp: 29800
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.4

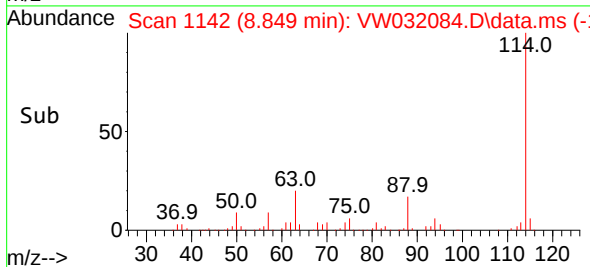
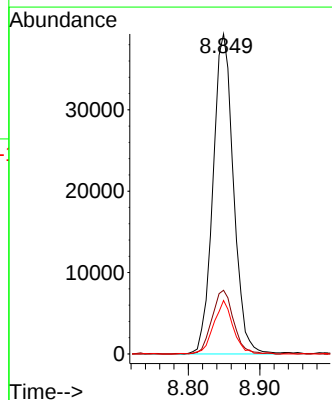
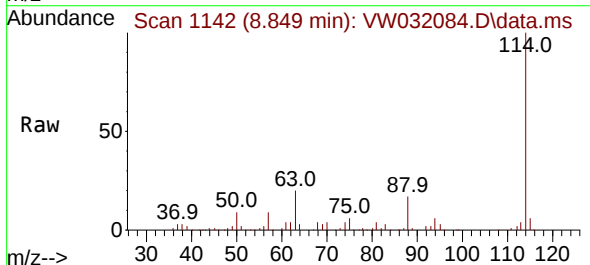
Manual Integrations
 APPROVED

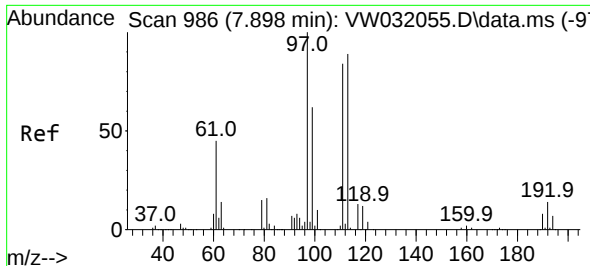
Reviewed By :Semsettin Yesilyurt 08/19/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032084.D
 Acq: 14 Aug 2025 11:39

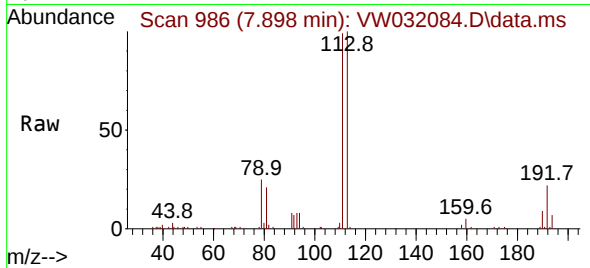
Tgt Ion:114 Resp: 78268
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.0
 88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.000 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

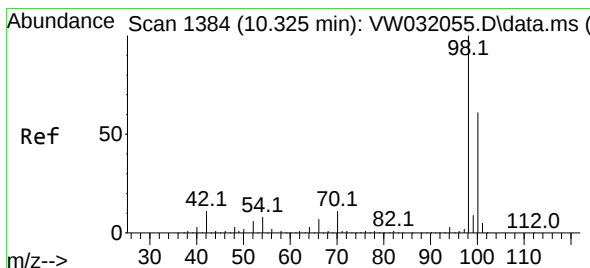
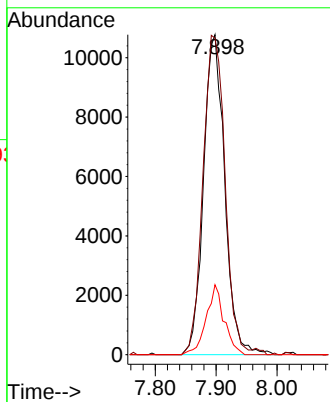
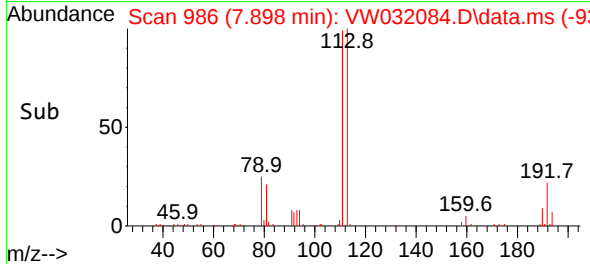
Instrument :
MSVOA_W
ClientSampleId :
82H-S



Tgt Ion:113 Resp: 2602
Ion Ratio Lower Upper
113 100
111 103.6 80.1 120.1
192 18.5 13.1 19.7

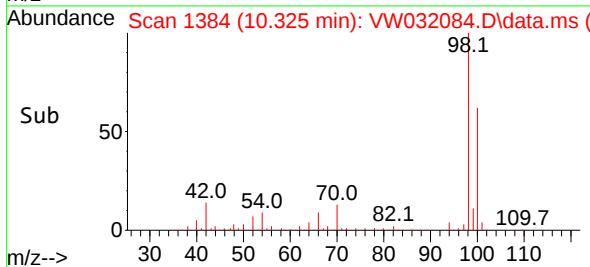
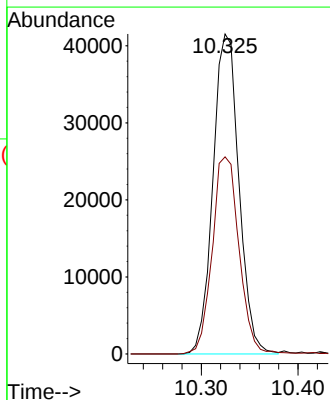
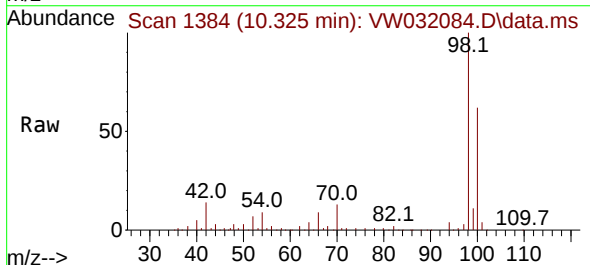
Manual Integrations
APPROVED

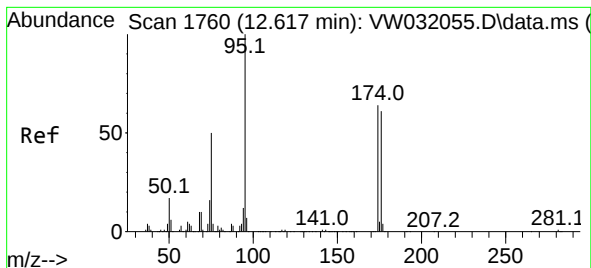
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 41.338 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

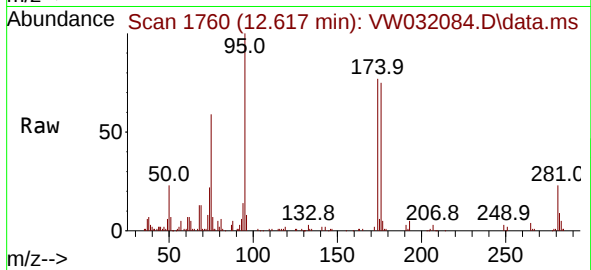
Tgt Ion: 98 Resp: 77311
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7





#62
4-Bromofluorobenzene
Concen: 35.091 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

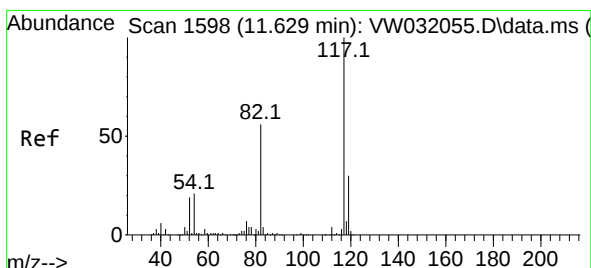
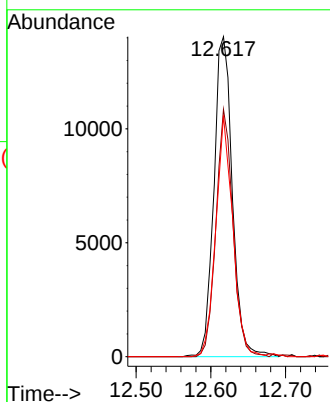
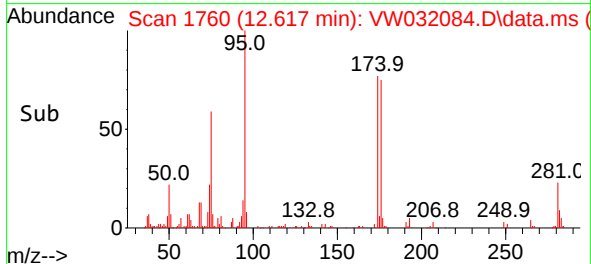
Instrument :
MSVOA_W
ClientSampleId :
82H-S



Tgt Ion: 95 Resp: 2418
Ion Ratio Lower Upper
95 100
174 71.2 0.0 129.0
176 69.6 0.0 124.6

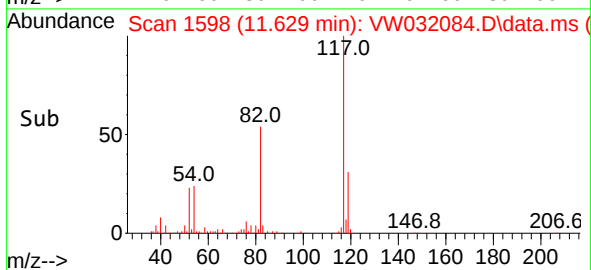
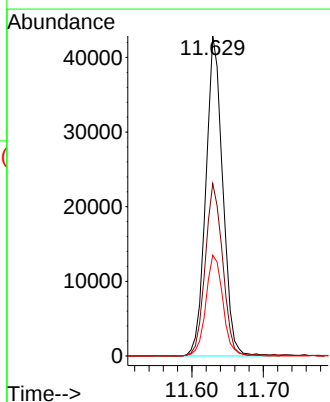
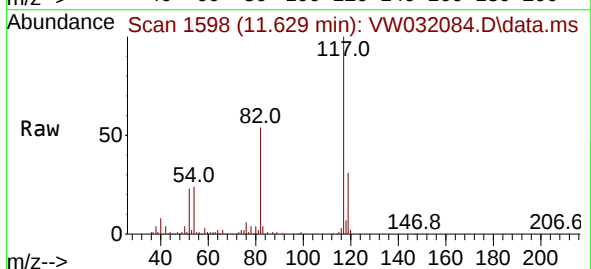
Manual Integrations
APPROVED

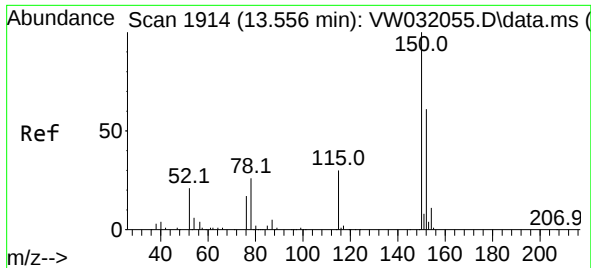
Reviewed By :Semsettin Yesilyurt 08/19/2025
Supervised By :Mahesh Dadoda 08/19/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032084.D
Acq: 14 Aug 2025 11:39

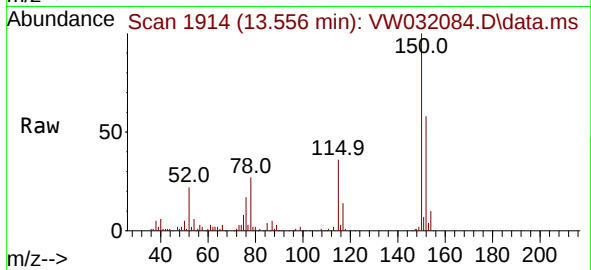
Tgt Ion:117 Resp: 70501
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 31.5 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032084.D
 Acq: 14 Aug 2025 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 82H-S



Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	32.6	97.8
150	162.5	0.0	359.4

Manual Integrations
 APPROVED

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

