

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039164.D
 Acq On : 24 Sep 2025 19:37
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

Quant Time: Sep 25 08:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.667	168	1746m	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	5.593	114	706	50.000	ug/l	0.06
63) Chlorobenzene-d5	8.802	117	2800	50.000	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	11.201	152	3124	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.973	65	2104m	83.261	ug/l	0.04
Spiked Amount 50.000	Range 81 - 118		Recovery = 166.520%#			
35) Dibromofluoromethane	4.532	113	339	59.729	ug/l	0.04
Spiked Amount 50.000	Range 80 - 119		Recovery = 119.460%#			
50) Toluene-d8	7.288	98	1870m	112.181	ug/l	0.05
Spiked Amount 50.000	Range 89 - 112		Recovery = 224.360%#			
62) 4-Bromofluorobenzene	10.111	95	313	45.611	ug/l	0.11
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.220%			
Target Compounds						Qvalue
65) Chlorobenzene	8.825	112	20261	259.783	ug/l	98

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

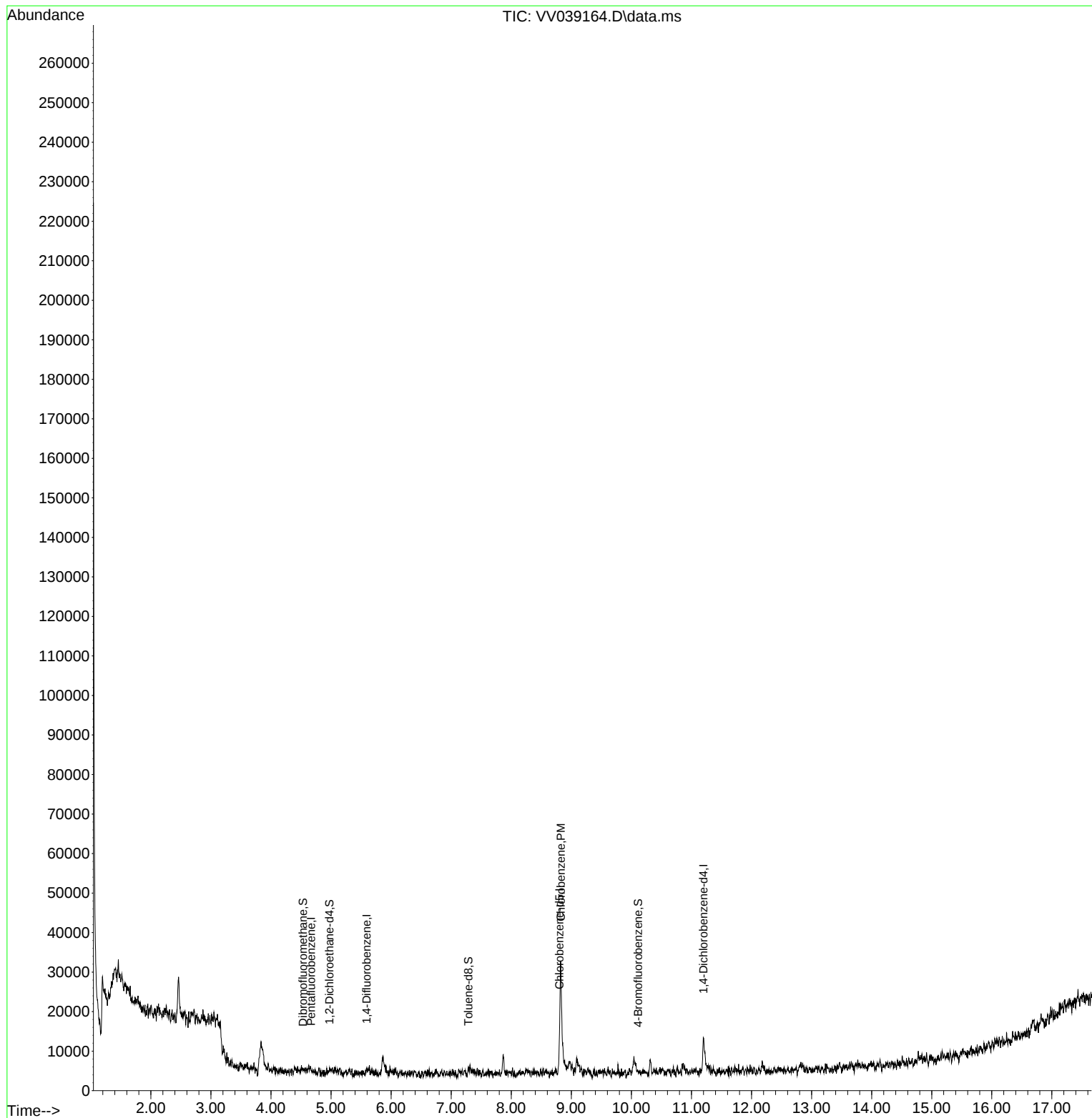
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039164.D
Acq On : 24 Sep 2025 19:37
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

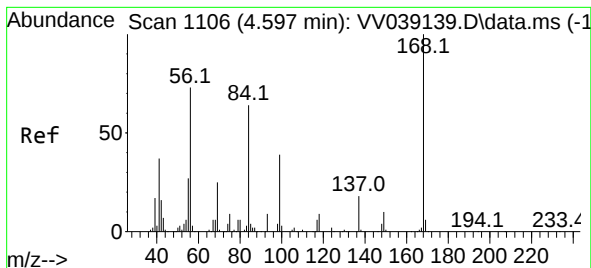
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

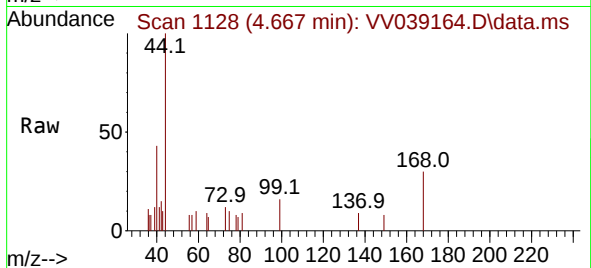
Quant Time: Sep 25 08:23:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 4.667 min Scan# 1106
Delta R.T. 0.070 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

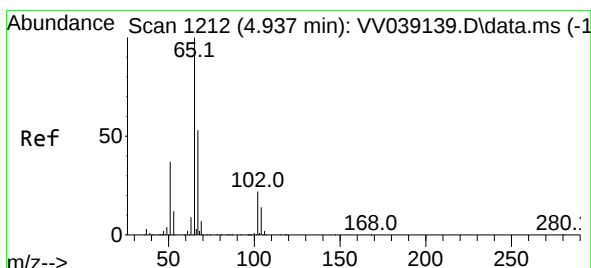
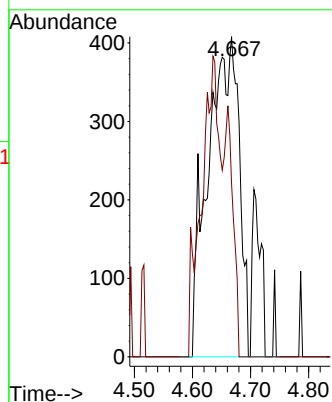
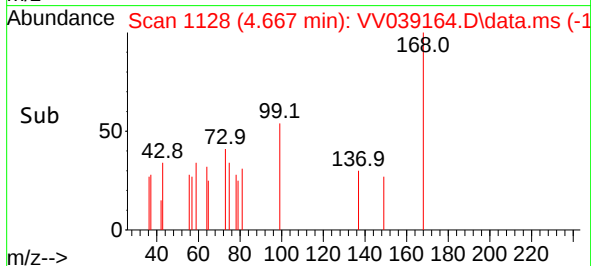
Instrument :
MSVOA_V
ClientSampleId :
VIBLK



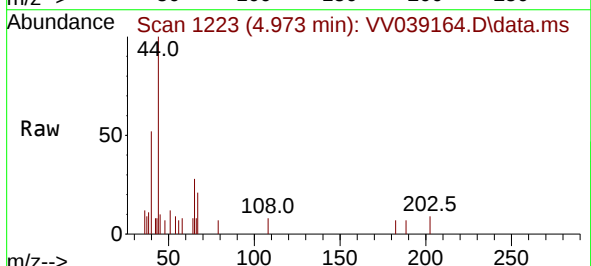
Tgt Ion: 168 Resp: 174
Ion Ratio Lower Upper
168 100
99 54.2 49.6 74.4

Manual Integrations
APPROVED

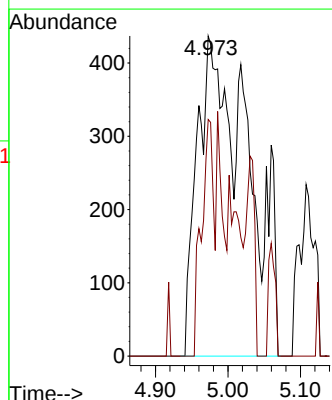
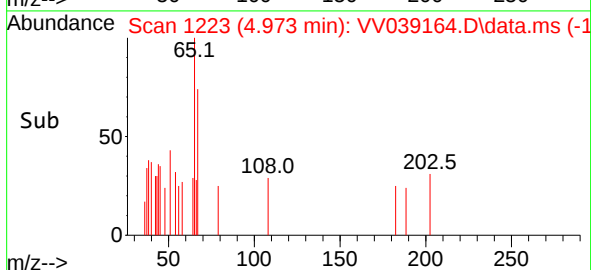
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

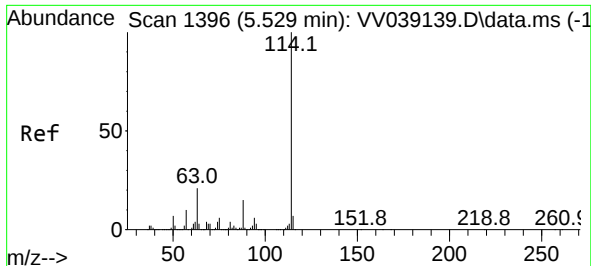


#33
1,2-Dichloroethane-d4
Concen: 83.261 ug/l m
RT: 4.973 min Scan# 1223
Delta R.T. 0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37



Tgt Ion: 65 Resp: 2104
Ion Ratio Lower Upper
65 100
67 10.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.593 min Scan# 1416

Delta R.T. 0.064 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

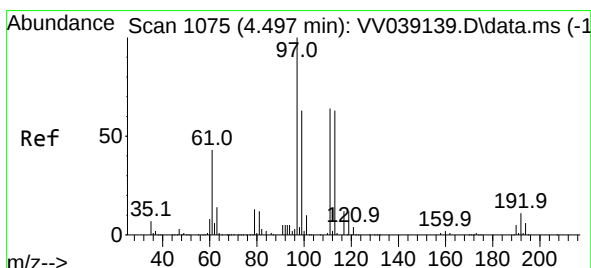
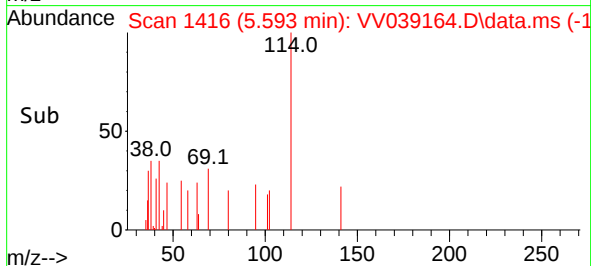
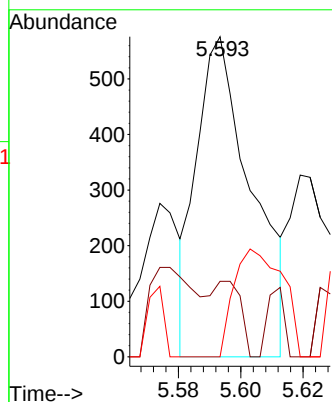
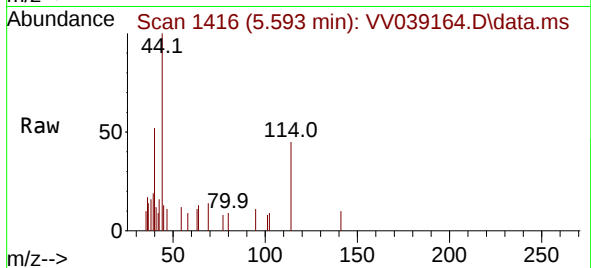
Tgt Ion:	114	Resp:	700
Ion Ratio	Lower	Upper	
114	100		
63	3.0	0.0	42.6
88	0.0	0.0	30.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025

Supervised By :Semsettin Yesilyurt 09/26/2025



#35

Dibromofluoromethane

Concen: 59.729 ug/l

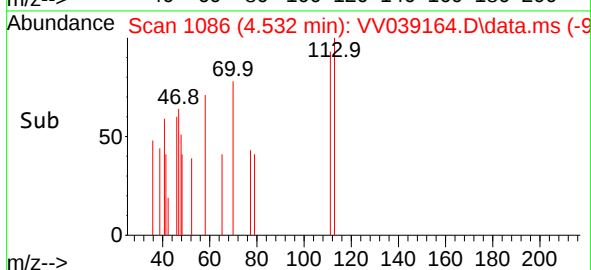
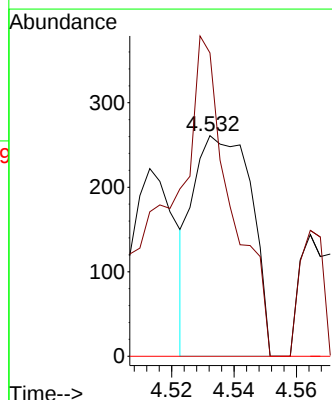
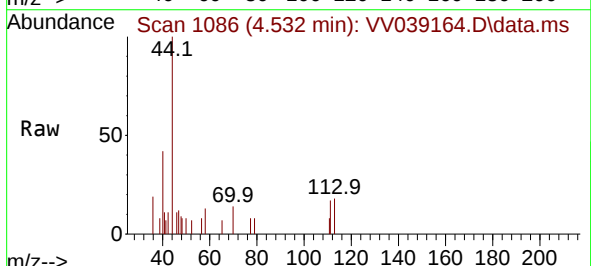
RT: 4.532 min Scan# 1086

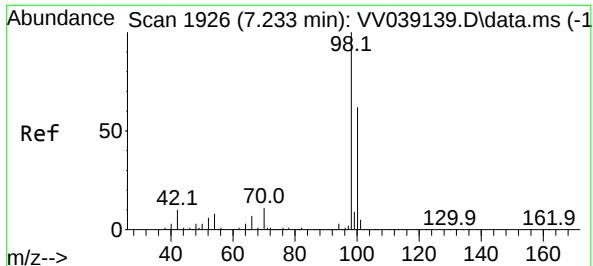
Delta R.T. 0.035 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Tgt Ion:	113	Resp:	339
Ion Ratio	Lower	Upper	
113	100		
111	167.6	82.4	123.6#
192	0.0	13.8	20.8#





#50

Toluene-d8

Concen: 112.181 ug/l m

RT: 7.288 min Scan# 1926

Delta R.T. 0.055 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

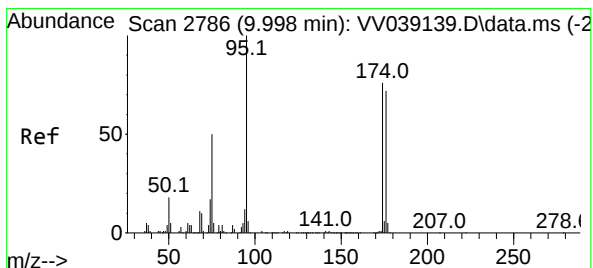
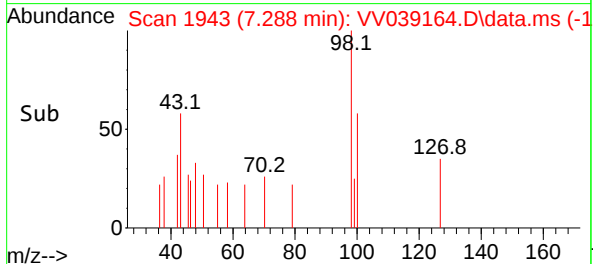
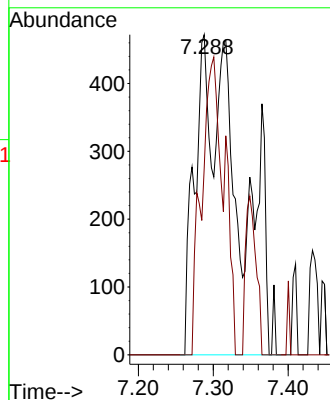
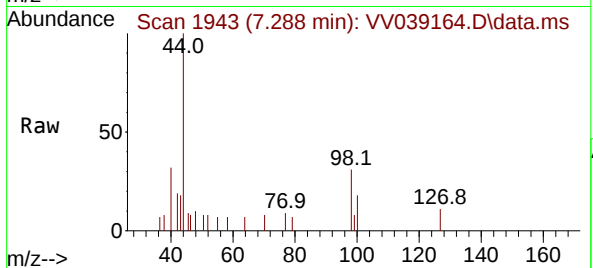
VIBLK

Tgt Ion: 98 Resp: 1870
 Ion Ratio Lower Upper
 98 100
 100 0.0 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025



#62

4-Bromofluorobenzene

Concen: 45.611 ug/l

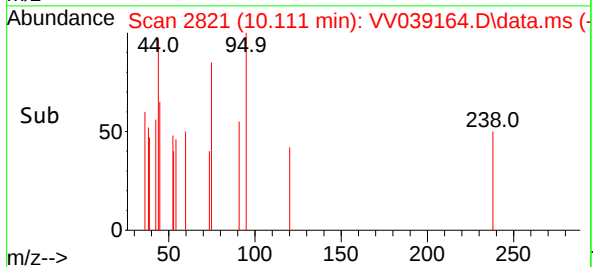
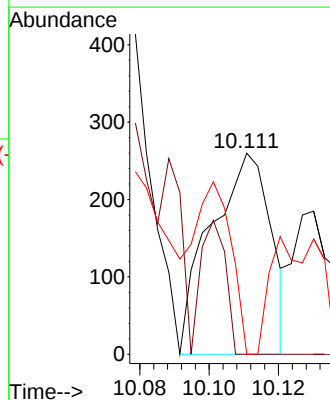
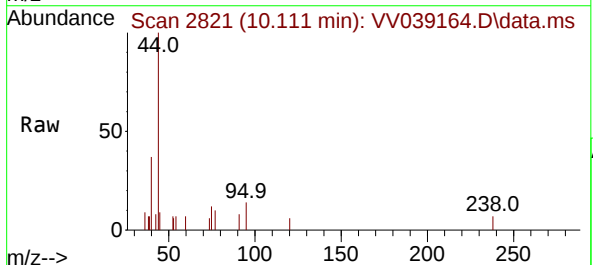
RT: 10.111 min Scan# 2821

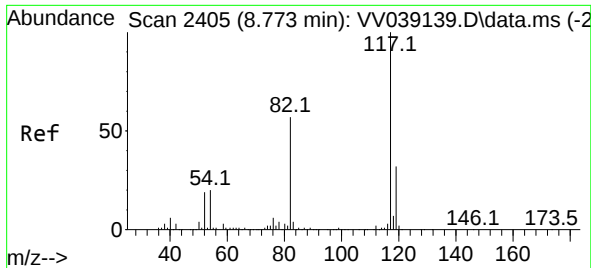
Delta R.T. 0.113 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Tgt Ion: 95 Resp: 313
 Ion Ratio Lower Upper
 95 100
 174 27.5 0.0 150.4
 176 53.4 0.0 144.2





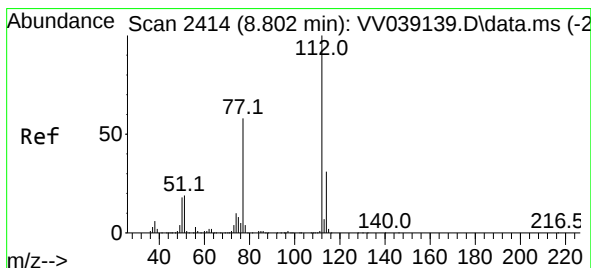
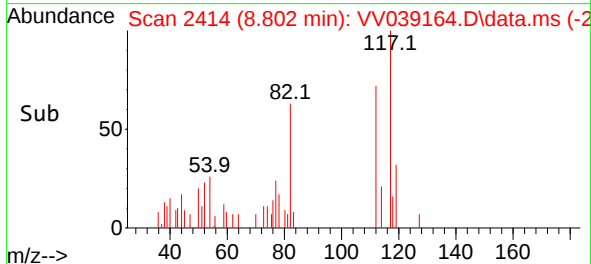
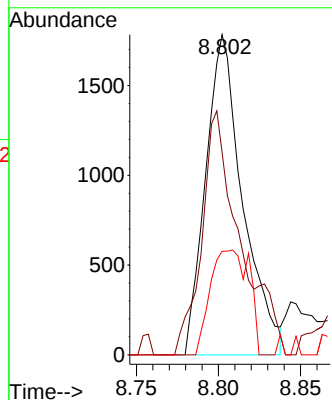
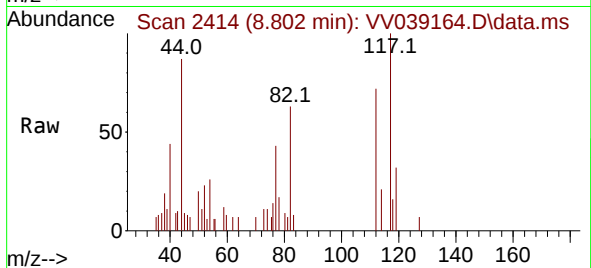
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.029 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2800
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.3 25.6 38.4

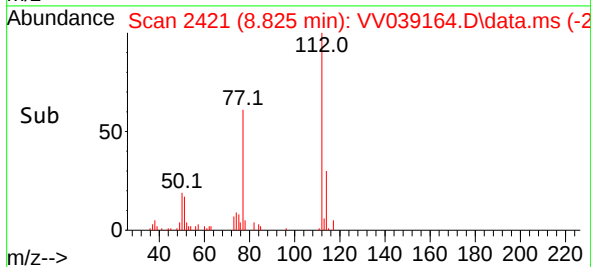
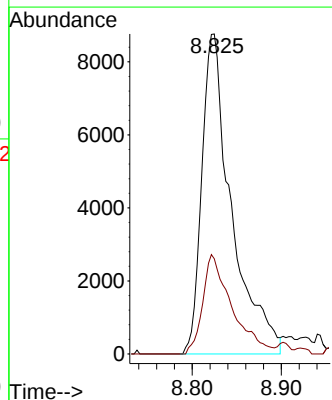
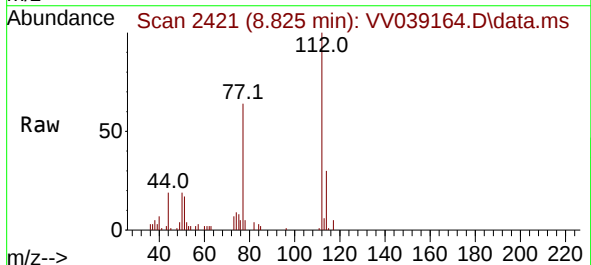
Manual Integrations
APPROVED

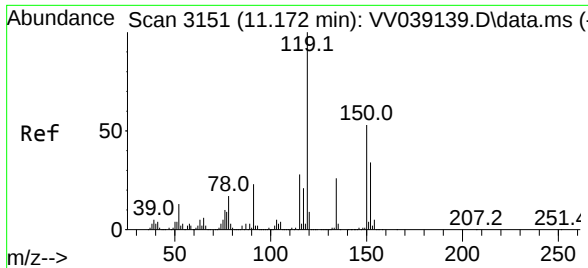
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#65
Chlorobenzene
Concen: 259.783 ug/l
RT: 8.825 min Scan# 2421
Delta R.T. 0.023 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

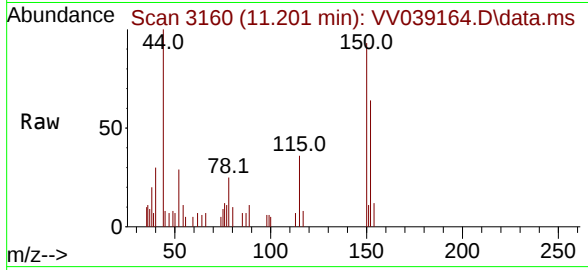
Tgt Ion:112 Resp: 20261
Ion Ratio Lower Upper
112 100
114 29.8 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.029 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Instrument : MSVOA_V
 ClientSampleId : VIBLK



Tgt Ion:	152	Resp:	3124
Ion Ratio	Lower	Upper	
152	100		
115	55.3	44.8	134.4
150	162.1	0.0	353.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
 Supervised By :Semsettin Yesilyurt 09/26/2025

