

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039227.D
 Acq On : 29 Sep 2025 13:31
 Operator : SY/MD
 Sample : Q3195-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-32S-091725

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Sep 30 01:25:06 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	4.600	168	474559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	811077	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	824686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	412882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	370844	53.994	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 107.980%			
35) Dibromofluoromethane	4.503	113	356197	54.628	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 109.260%			
50) Toluene-d8	7.239	98	875398	45.711	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.420%			
62) 4-Bromofluorobenzene	10.001	95	361112	45.805	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.600%			
Target Compounds						
44) Trichloroethene	5.860	130	3859m	0.521	ug/l	
64) Tetrachloroethene	7.905	164	5510	0.798	ug/l #	86

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

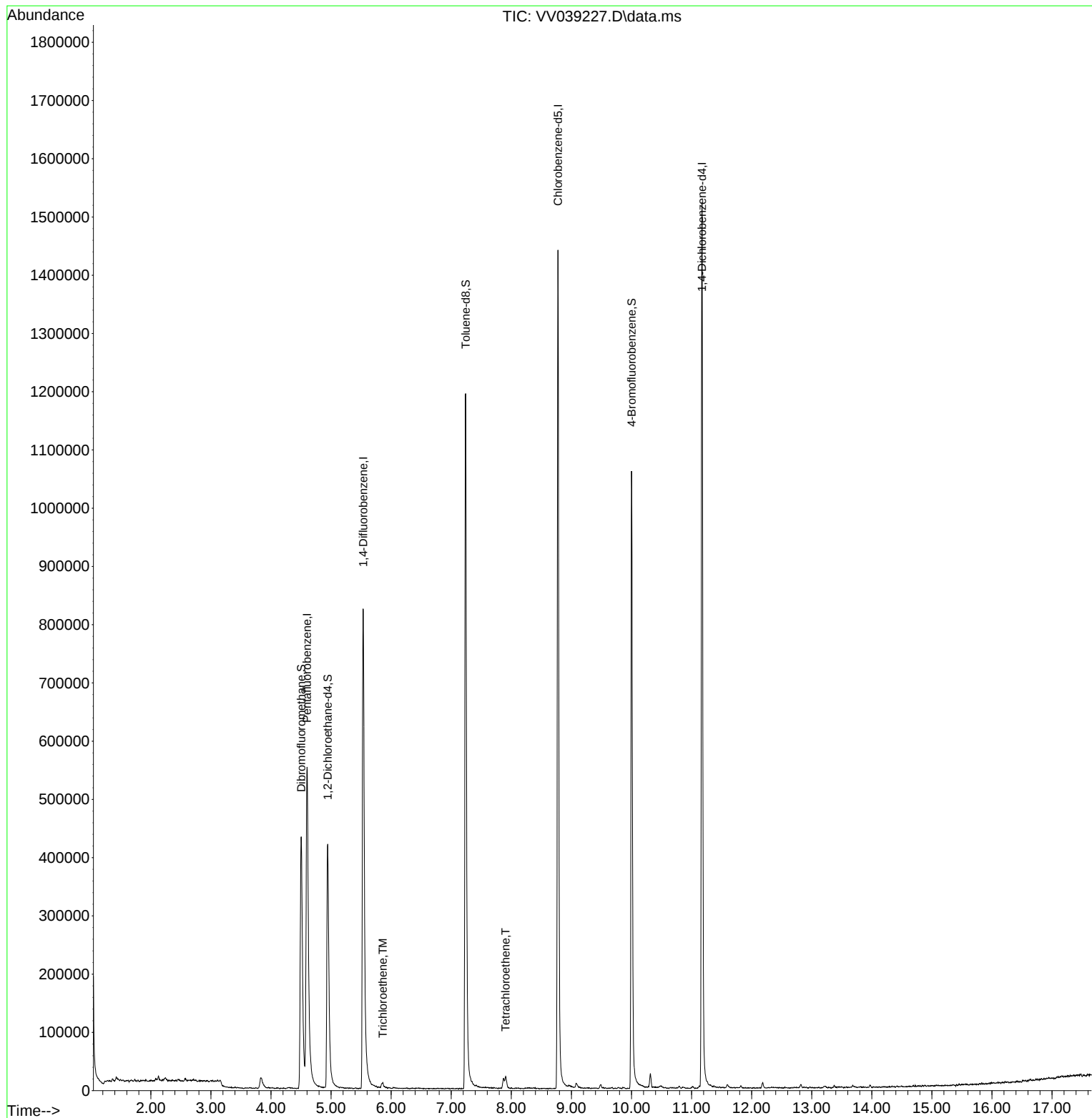
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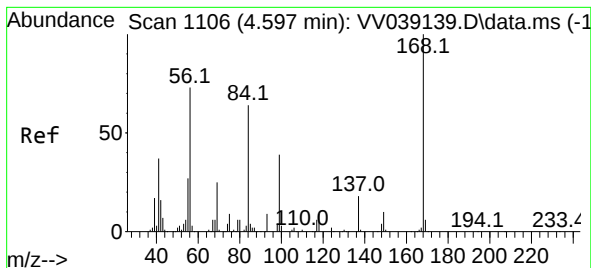
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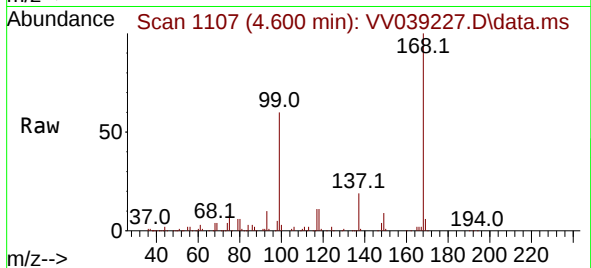
Quant Time: Sep 30 01:25:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

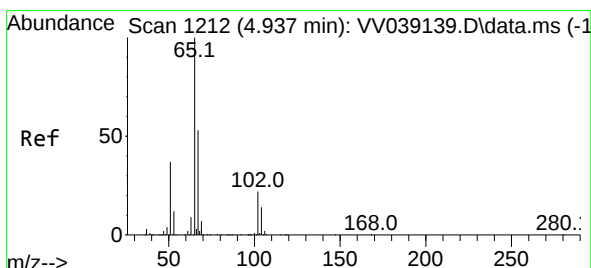
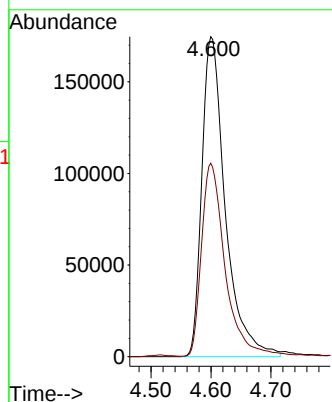
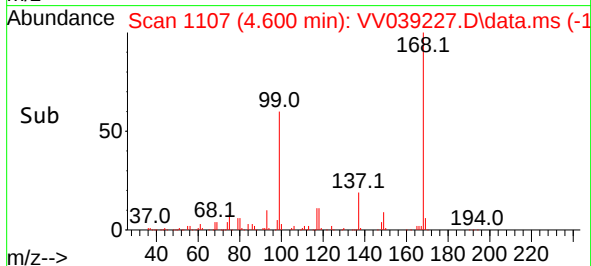
Instrument :
MSVOA_V
ClientSampleId :
MW-32S-091725



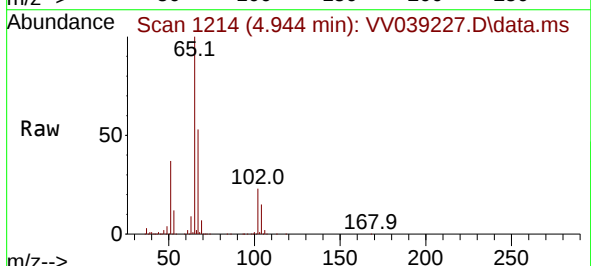
Tgt Ion:168 Resp: 47455
Ion Ratio Lower Upper
168 100
99 60.3 49.6 74.4

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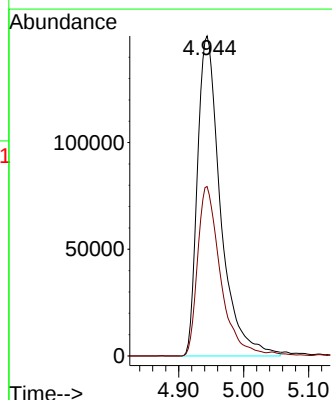
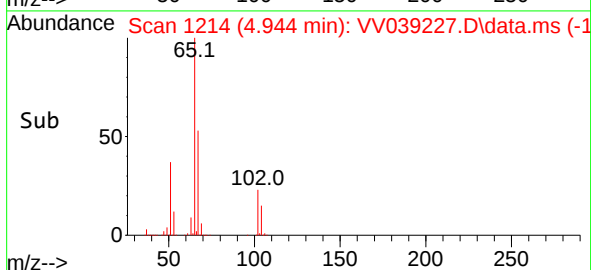
Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025

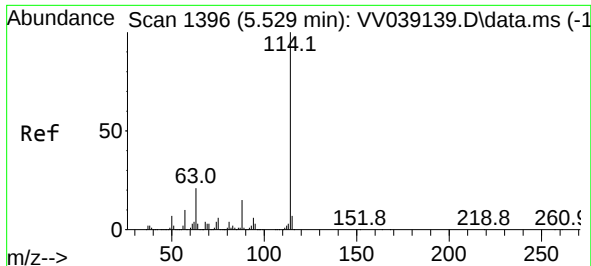


#33
1,2-Dichloroethane-d4
Concen: 53.994 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31



Tgt Ion: 65 Resp: 370844
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV039227.D

Acq: 29 Sep 2025 13:31

Instrument :

MSVOA_V

ClientSampleId :

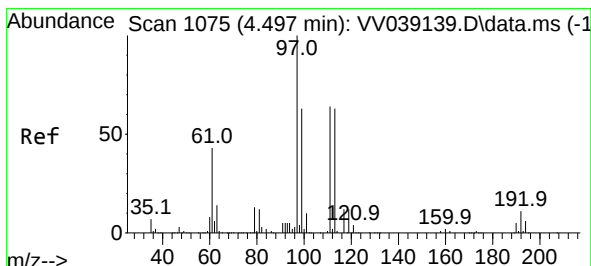
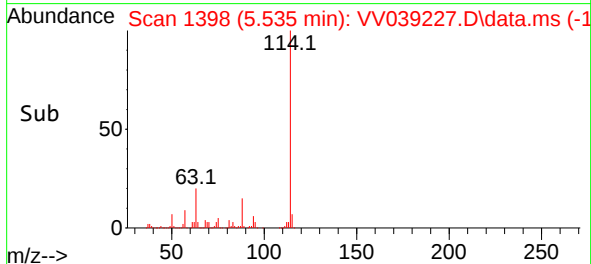
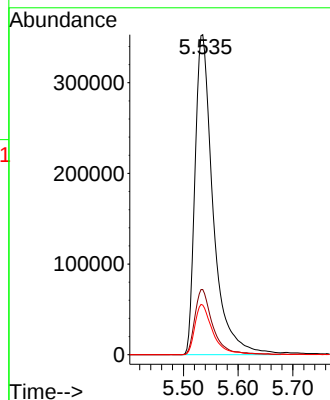
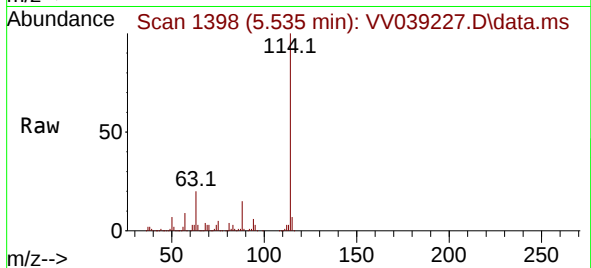
MW-32S-091725

Tgt Ion:	114	Resp:	81107
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	42.6
88	15.5	0.0	30.8

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#35

Dibromofluoromethane

Concen: 54.628 ug/l

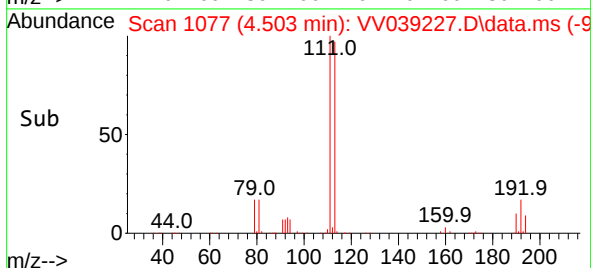
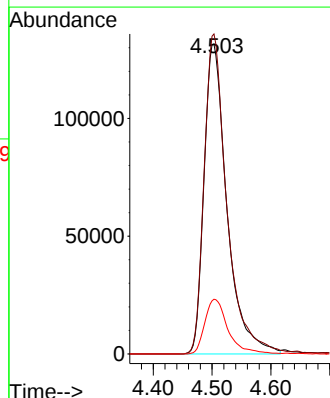
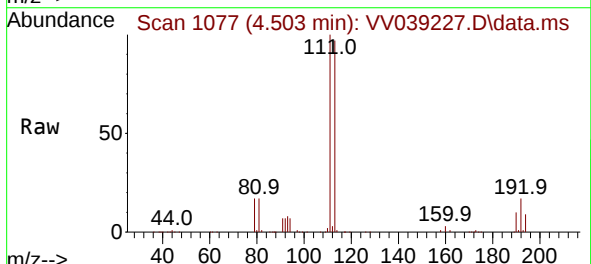
RT: 4.503 min Scan# 1077

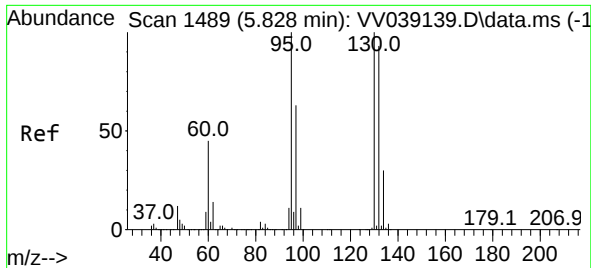
Delta R.T. 0.006 min

Lab File: VV039227.D

Acq: 29 Sep 2025 13:31

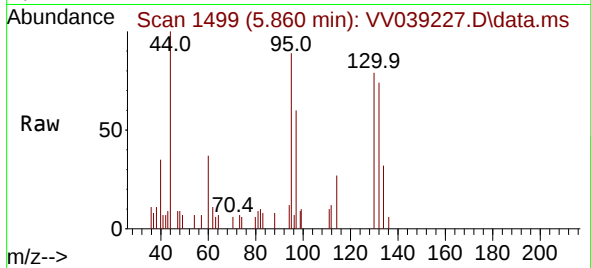
Tgt Ion:	113	Resp:	356197
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	17.8	13.8	20.8





#44
Trichloroethene
Concen: 0.521 ug/l m
RT: 5.860 min Scan# 1489
Delta R.T. 0.032 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

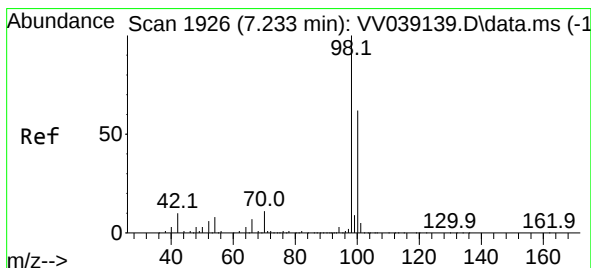
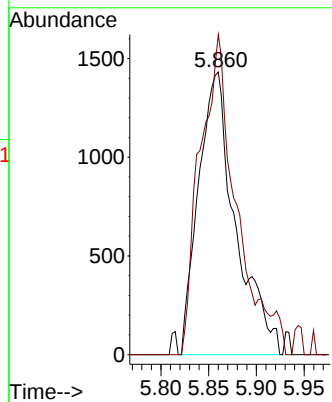
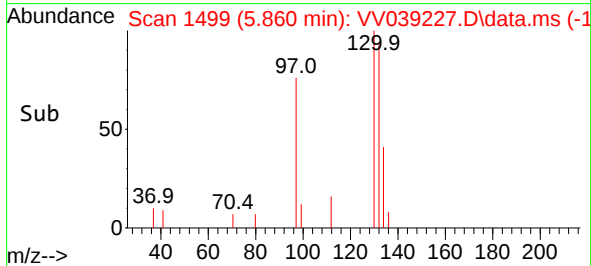
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:130 Resp: 385
Ion Ratio Lower Upper
130 100
95 113.2 0.0 199.2

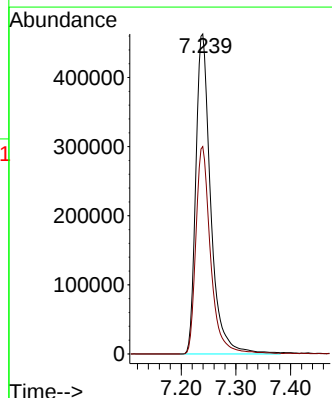
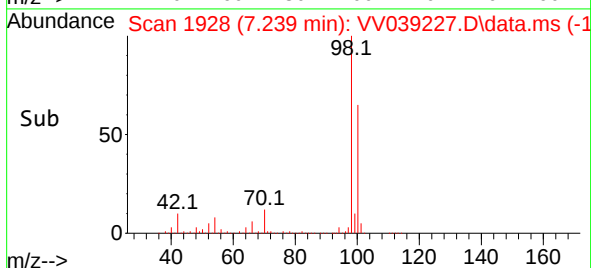
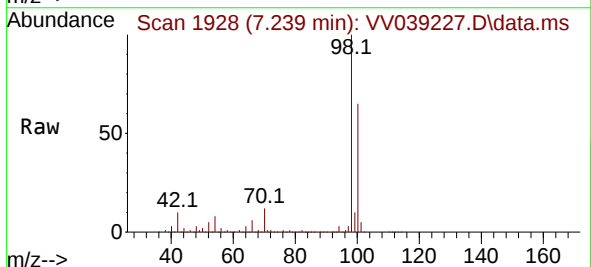
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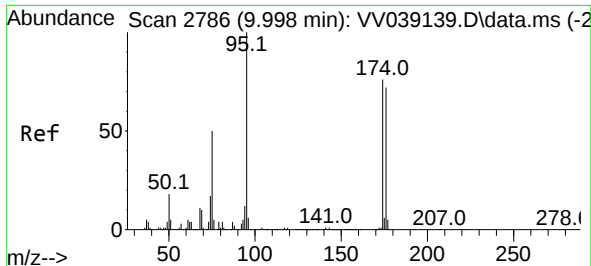
Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



#50
Toluene-d8
Concen: 45.711 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

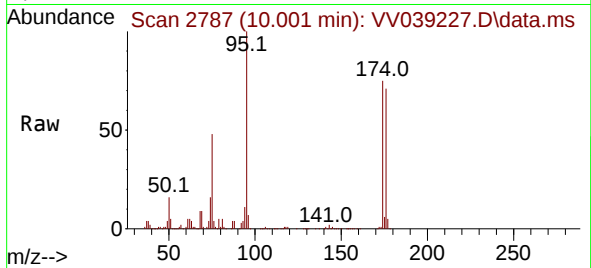
Tgt Ion: 98 Resp: 875398
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#62
4-Bromofluorobenzene
Concen: 45.805 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

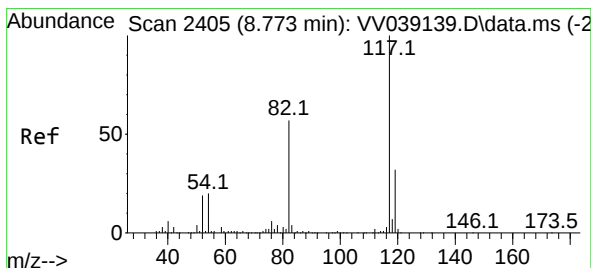
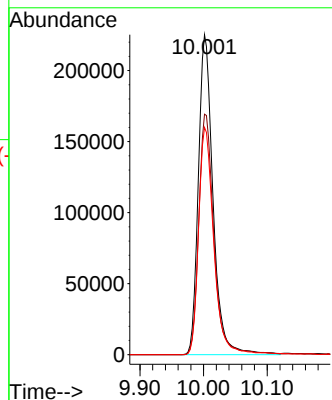
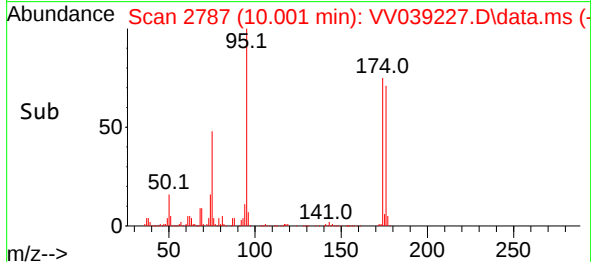
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Tgt Ion: 95 Resp: 361112
Ion Ratio Lower Upper
95 100
174 78.0 0.0 150.4
176 72.9 0.0 144.2

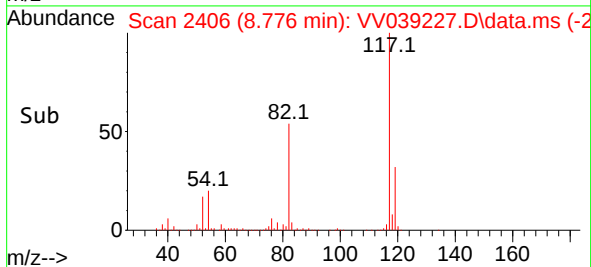
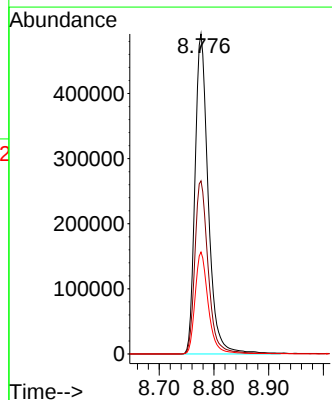
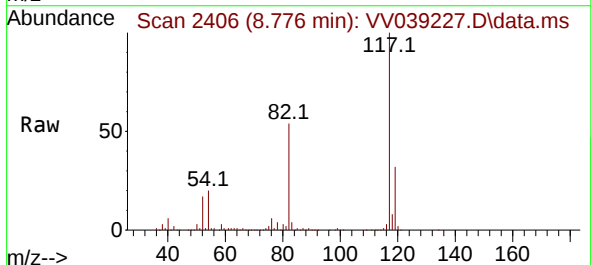
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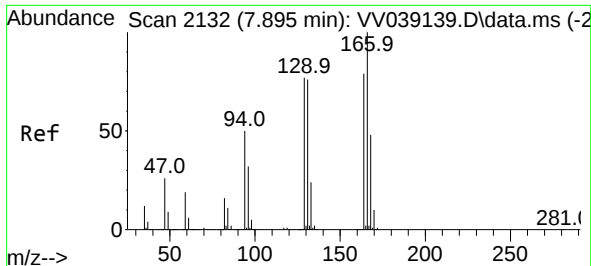
Reviewed By :Mahesh Dadoda 10/03/2025
Supervised By :Semsettin Yesilyurt 10/03/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

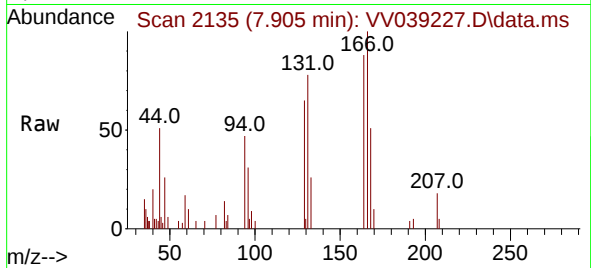
Tgt Ion:117 Resp: 824686
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.2
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 0.798 ug/l
RT: 7.905 min Scan# 2132
Delta R.T. 0.010 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31

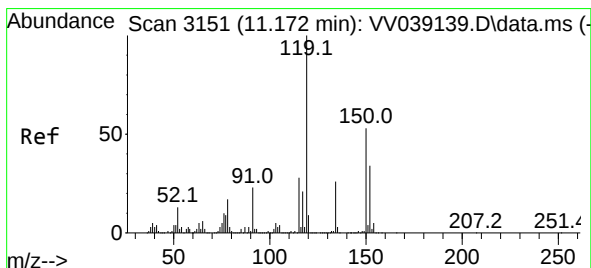
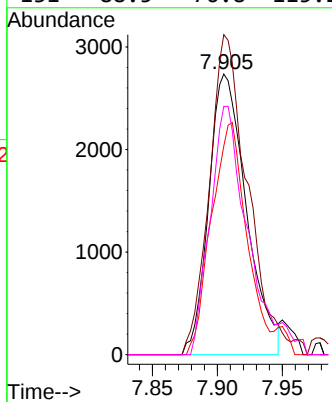
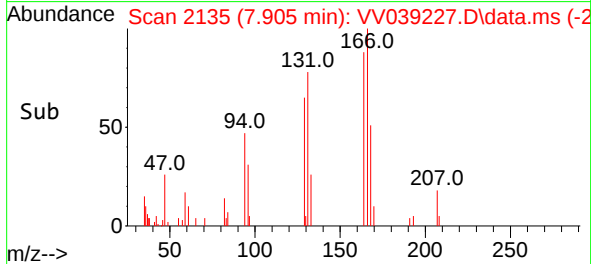
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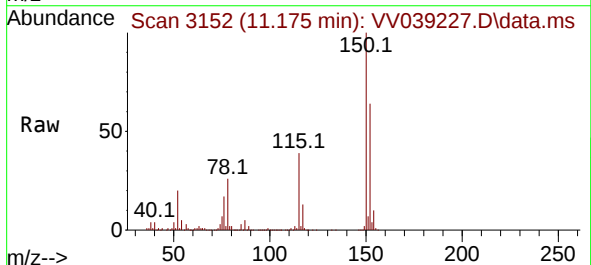
Tgt Ion:164 Resp: 5510
Ion Ratio Lower Upper
164 100
166 114.0 101.6 152.4
129 74.3 78.5 117.7
131 88.5 76.8 115.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039227.D
Acq: 29 Sep 2025 13:31



Tgt Ion:152 Resp: 412882
Ion Ratio Lower Upper
152 100
115 60.6 44.8 134.4
150 156.5 0.0 353.8

