

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039272.D
 Acq On : 06 Oct 2025 14:41
 Operator : SY/MD
 Sample : Q3201-02DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW14DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/07/2025
 Supervised By :Semsettin Yesilyurt 10/07/2025

Quant Time: Oct 07 03:35:06 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	4.603	168	444773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	756536	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	773912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	417747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	336432	52.264	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 104.520%			
35) Dibromofluoromethane	4.503	113	336925	55.398	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 110.800%			
50) Toluene-d8	7.239	98	758388	42.456	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 84.920%#			
62) 4-Bromofluorobenzene	10.001	95	353438	48.063	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.120%			
Target Compounds						
11) Tert butyl alcohol	2.571	59	77290	56.809	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1259798	58.954	ug/l	99
40) Benzene	5.030	78	8548m	0.285	ug/l	

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

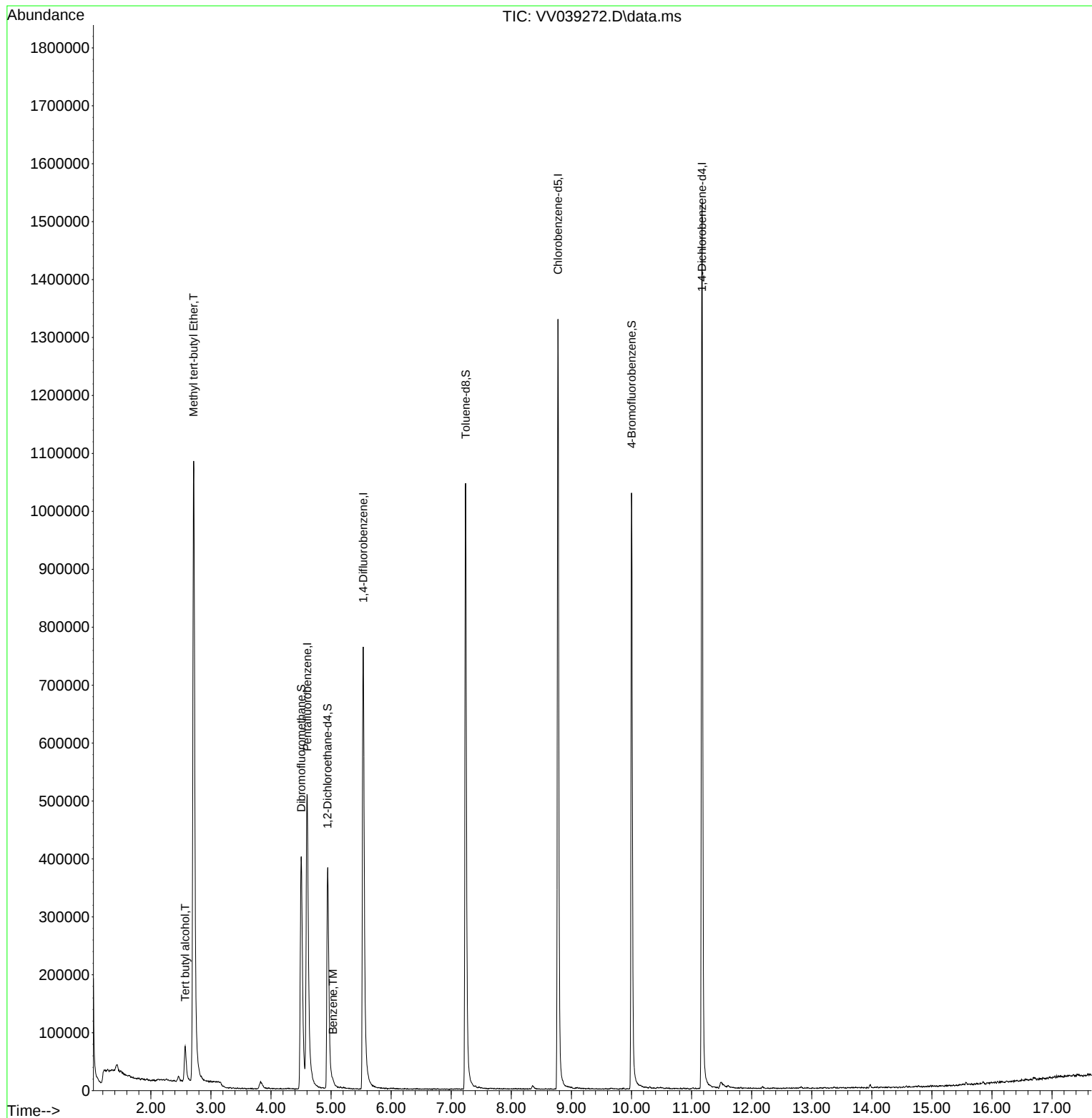
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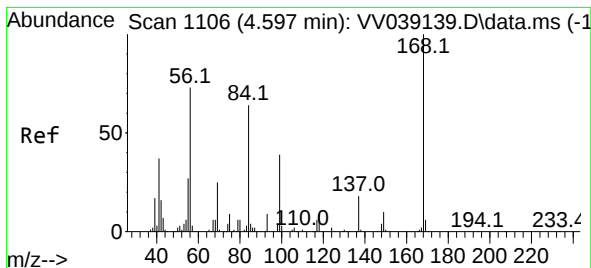
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MW14DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
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Response via : Initial Calibration

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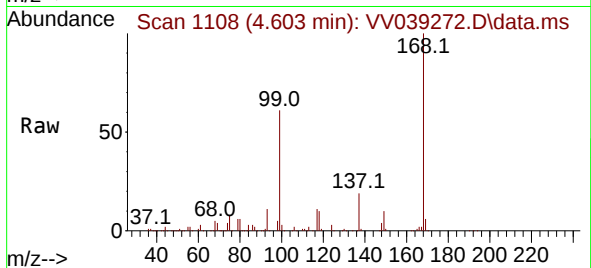
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

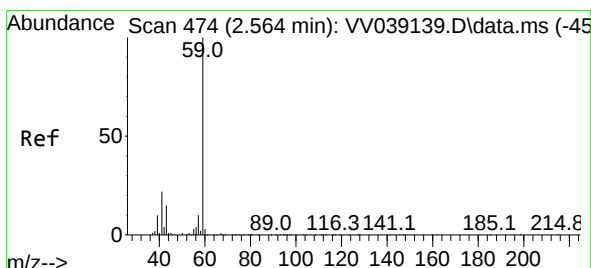
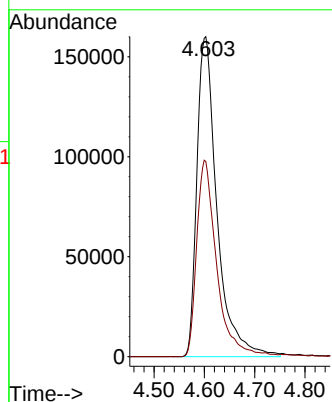
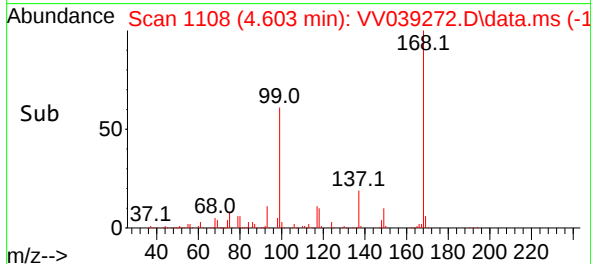
Instrument :
MSVOA_V
ClientSampleId :
MW14DL



Tgt Ion:168 Resp: 44477
Ion Ratio Lower Upper
168 100
99 61.0 49.6 74.4

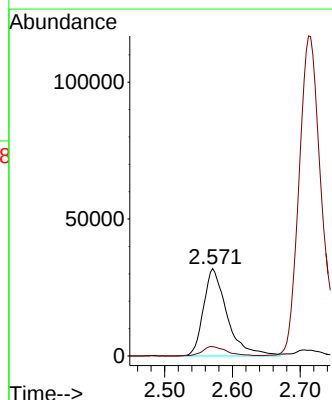
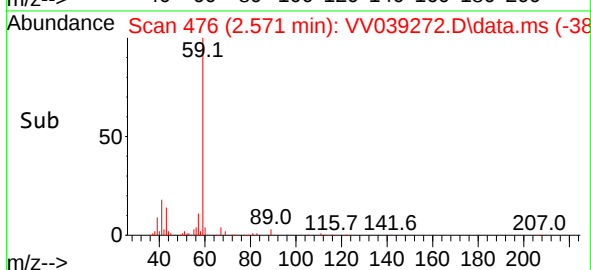
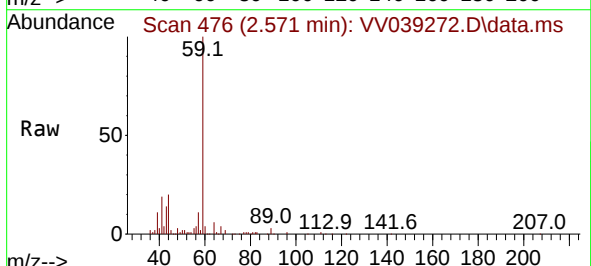
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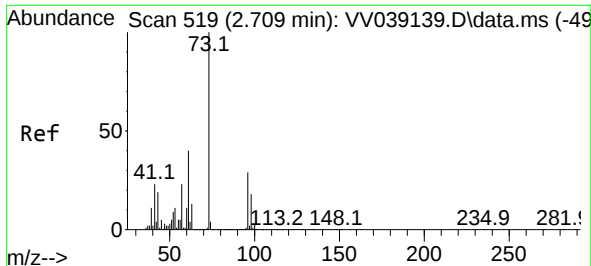
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#11
Tert butyl alcohol
Concen: 56.809 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

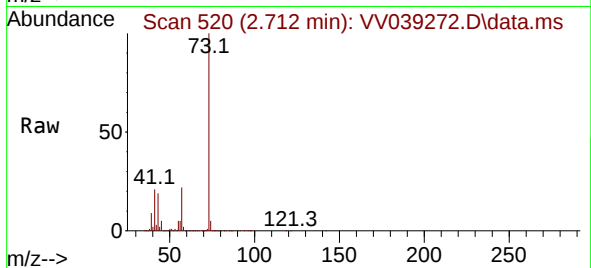
Tgt Ion: 59 Resp: 77290
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8





#19
Methyl tert-butyl Ether
Concen: 58.954 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

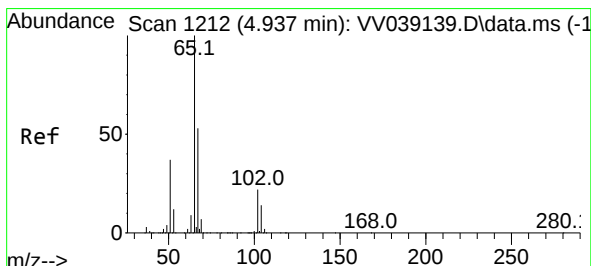
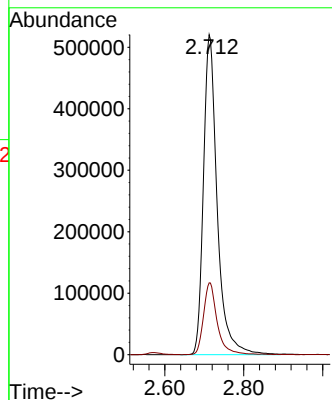
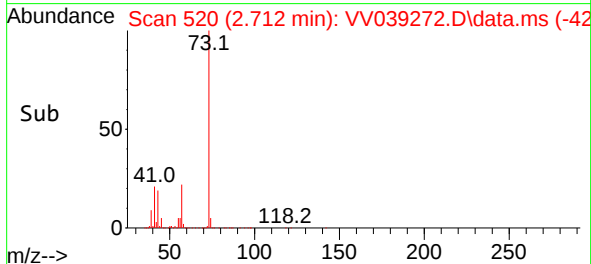
Instrument :
MSVOA_V
Client Sample Id :
MW14DL



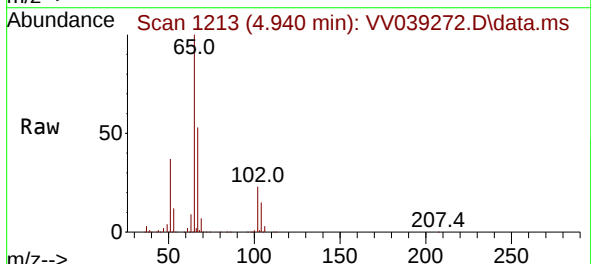
Tgt Ion: 73 Resp: 1259798
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

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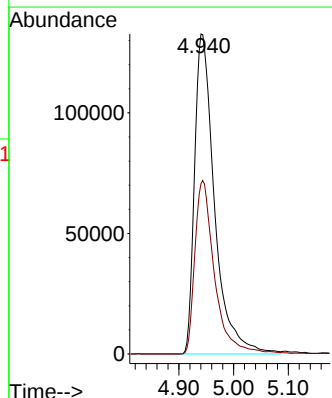
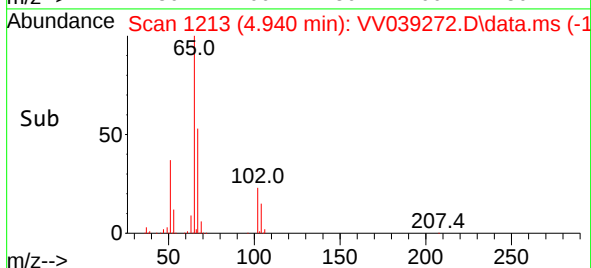
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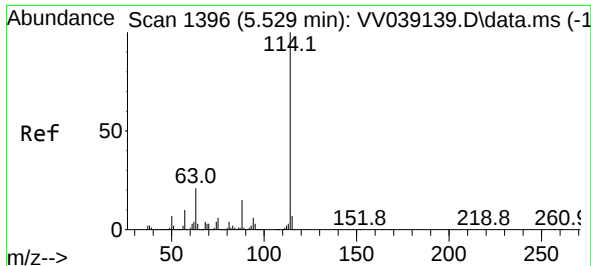


#33
1,2-Dichloroethane-d4
Concen: 52.264 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41



Tgt Ion: 65 Resp: 336432
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039272.D

Acq: 06 Oct 2025 14:41

Instrument :

MSVOA_V

ClientSampleId :

MW14DL

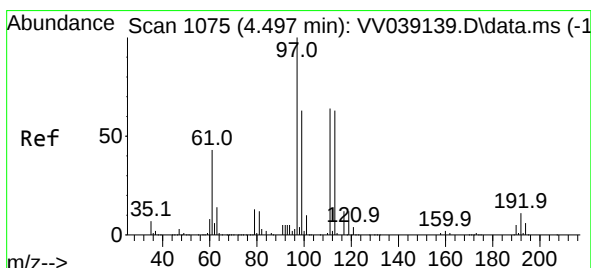
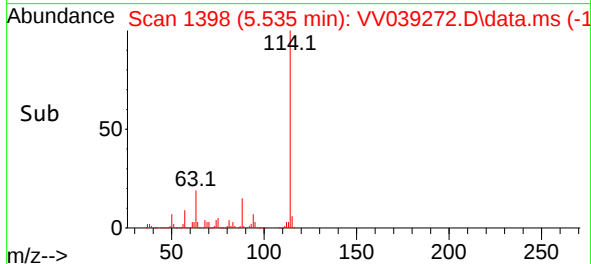
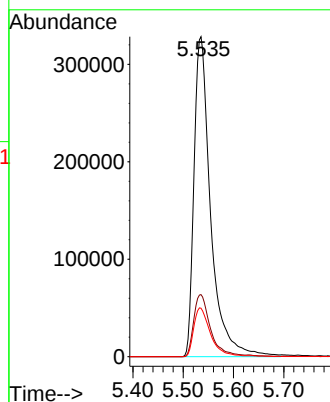
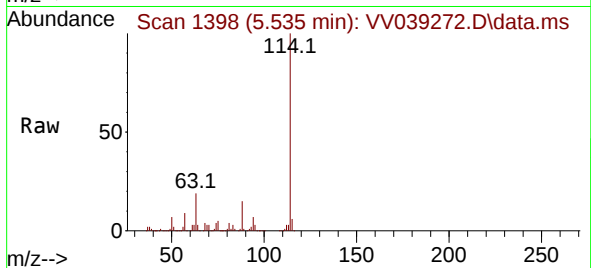
Tgt Ion:	114	Resp:	756530
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	42.6
88	15.2	0.0	30.8

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#35

Dibromofluoromethane

Concen: 55.398 ug/l

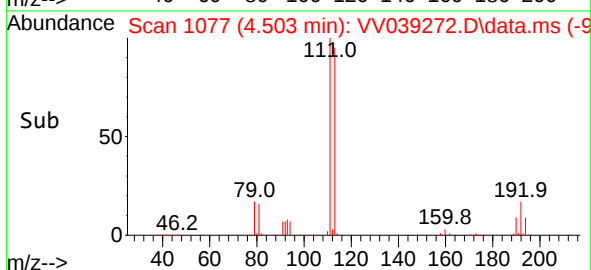
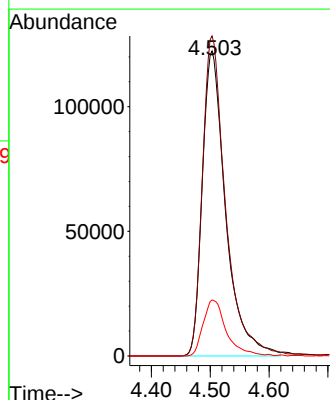
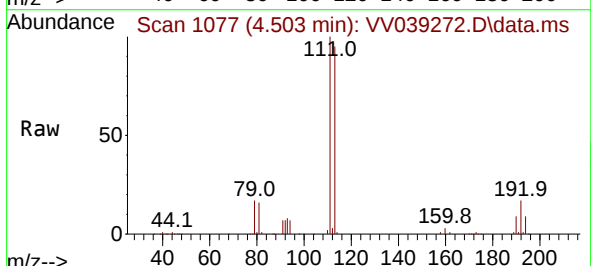
RT: 4.503 min Scan# 1077

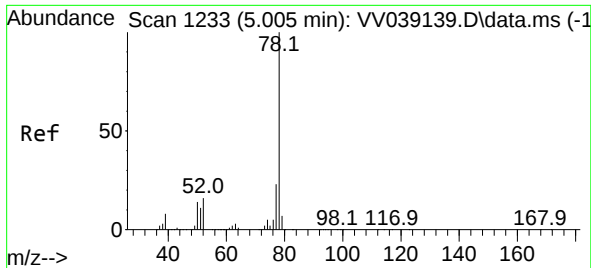
Delta R.T. 0.006 min

Lab File: VV039272.D

Acq: 06 Oct 2025 14:41

Tgt Ion:	113	Resp:	336925
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.4	123.6
192	18.1	13.8	20.8





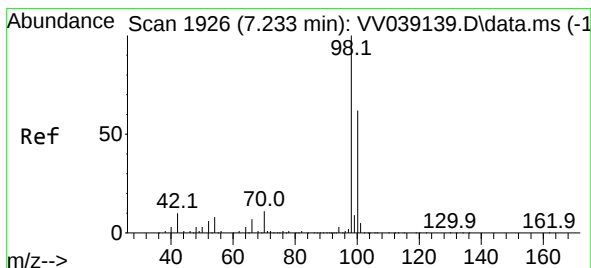
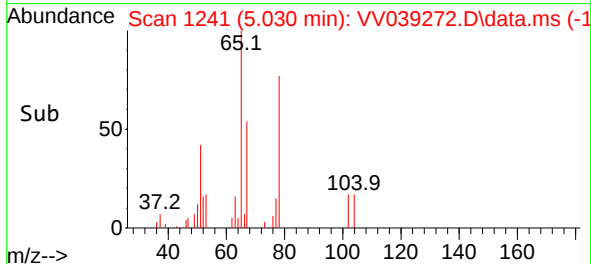
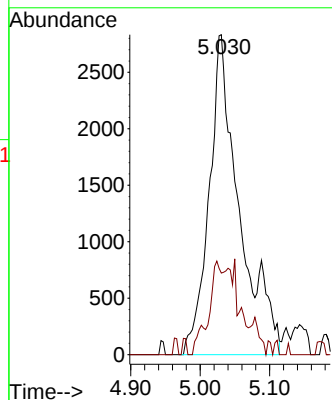
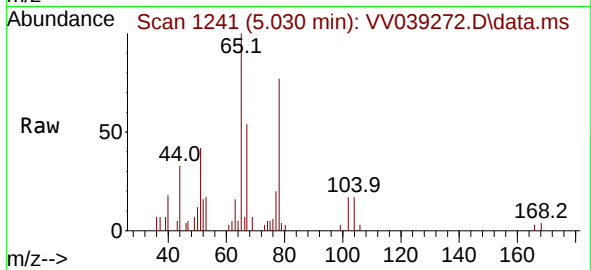
#40
Benzene
Concen: 0.285 ug/l m
RT: 5.030 min Scan# 11
Delta R.T. 0.025 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

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MSVOA_V
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Tgt Ion: 78 Resp: 8548
Ion Ratio Lower Upper
78 100
77 25.5 18.7 28.1

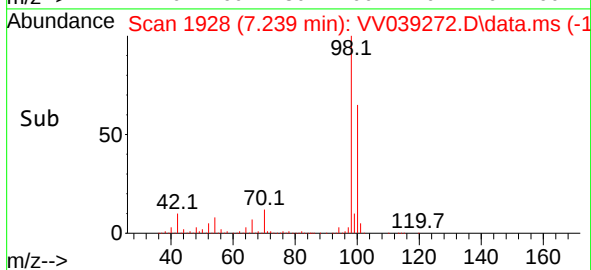
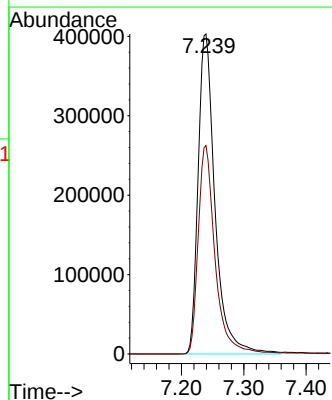
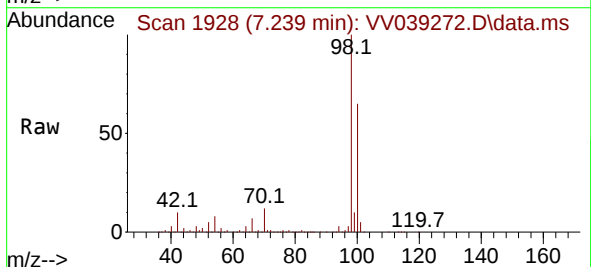
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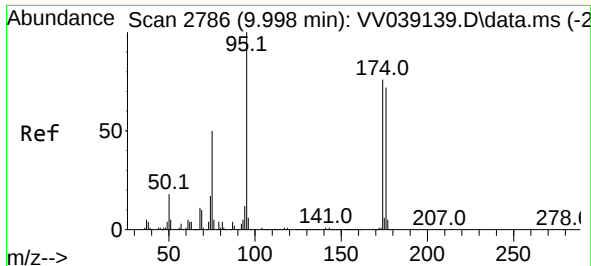
Reviewed By :Mahesh Dadoda 10/07/2025
Supervised By :Semsettin Yesilyurt 10/07/2025



#50
Toluene-d8
Concen: 42.456 ug/l
RT: 7.239 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

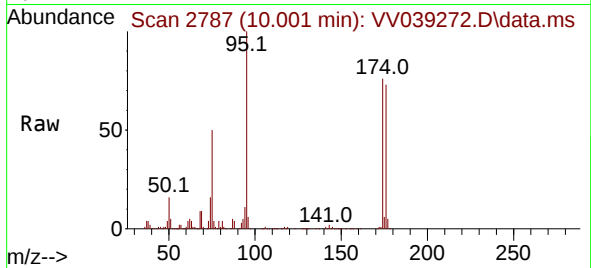
Tgt Ion: 98 Resp: 758388
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41

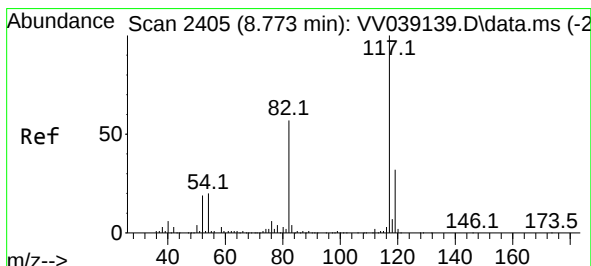
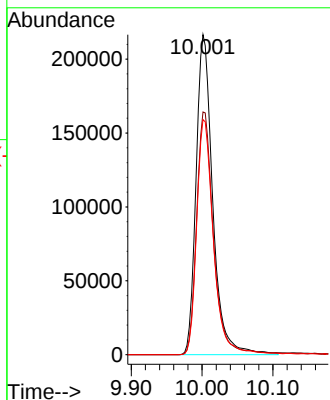
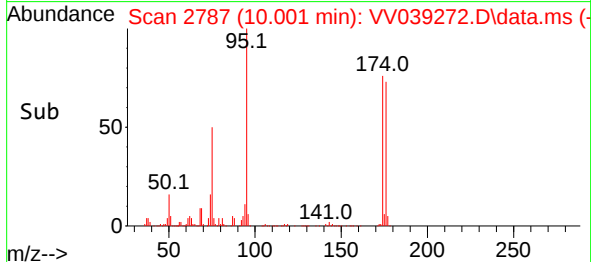
Instrument :
MSVOA_V
ClientSampleId :
MW14DL



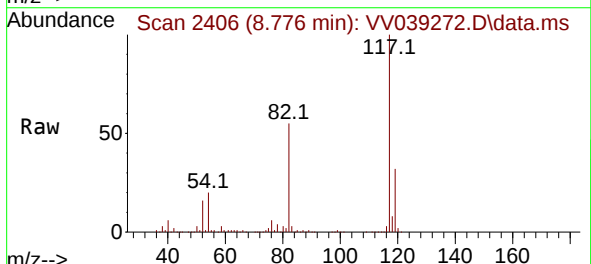
Tgt Ion: 95 Resp: 353438
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.4
176 74.3 0.0 144.2

Manual Integrations
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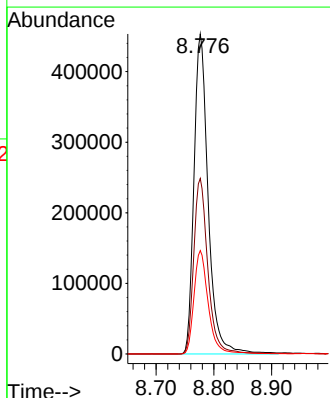
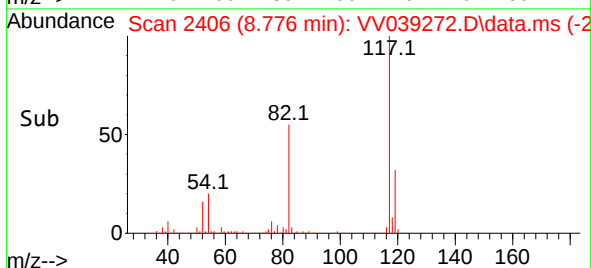
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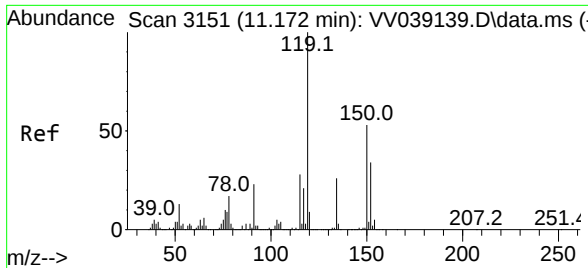


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039272.D
Acq: 06 Oct 2025 14:41



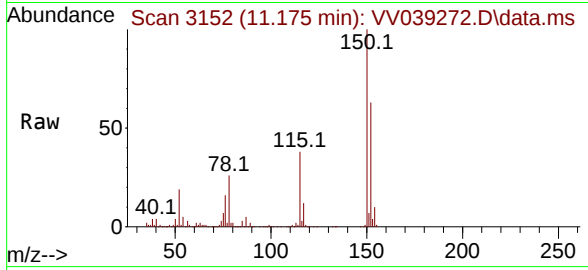
Tgt Ion:117 Resp: 773912
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.2
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039272.D
 Acq: 06 Oct 2025 14:41

Instrument :
 MSVOA_V
 ClientSampleId :
 MW14DL



Tgt Ion:152 Resp: 41774
 Ion Ratio Lower Upper
 152 100
 115 59.8 44.8 134.4
 150 154.1 0.0 353.8

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