

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039257.D
 Acq On : 03 Oct 2025 18:04
 Operator : SY/MD
 Sample : Q3201-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW14

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 01:15:12 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	381402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	742495	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	731184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	341647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	332978	60.322	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.640%#			
35) Dibromofluoromethane	4.500	113	316752	53.066	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 106.140%			
50) Toluene-d8	7.236	98	781078	44.554	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.100%			
62) 4-Bromofluorobenzene	10.001	95	308485	42.744	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 85.480%			
Target Compounds						
11) Tert butyl alcohol	2.564	59	6739313	5776.520	ug/l	99
17) Carbon Disulfide	2.262	76	15123	0.860	ug/l #	94
19) Methyl tert-butyl Ether	2.690	73	41998987m	2291.976	ug/l	
40) Benzene	5.011	78	934249	31.791	ug/l	98
73) Isopropylbenzene	9.860	105	14732	0.595	ug/l	99

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

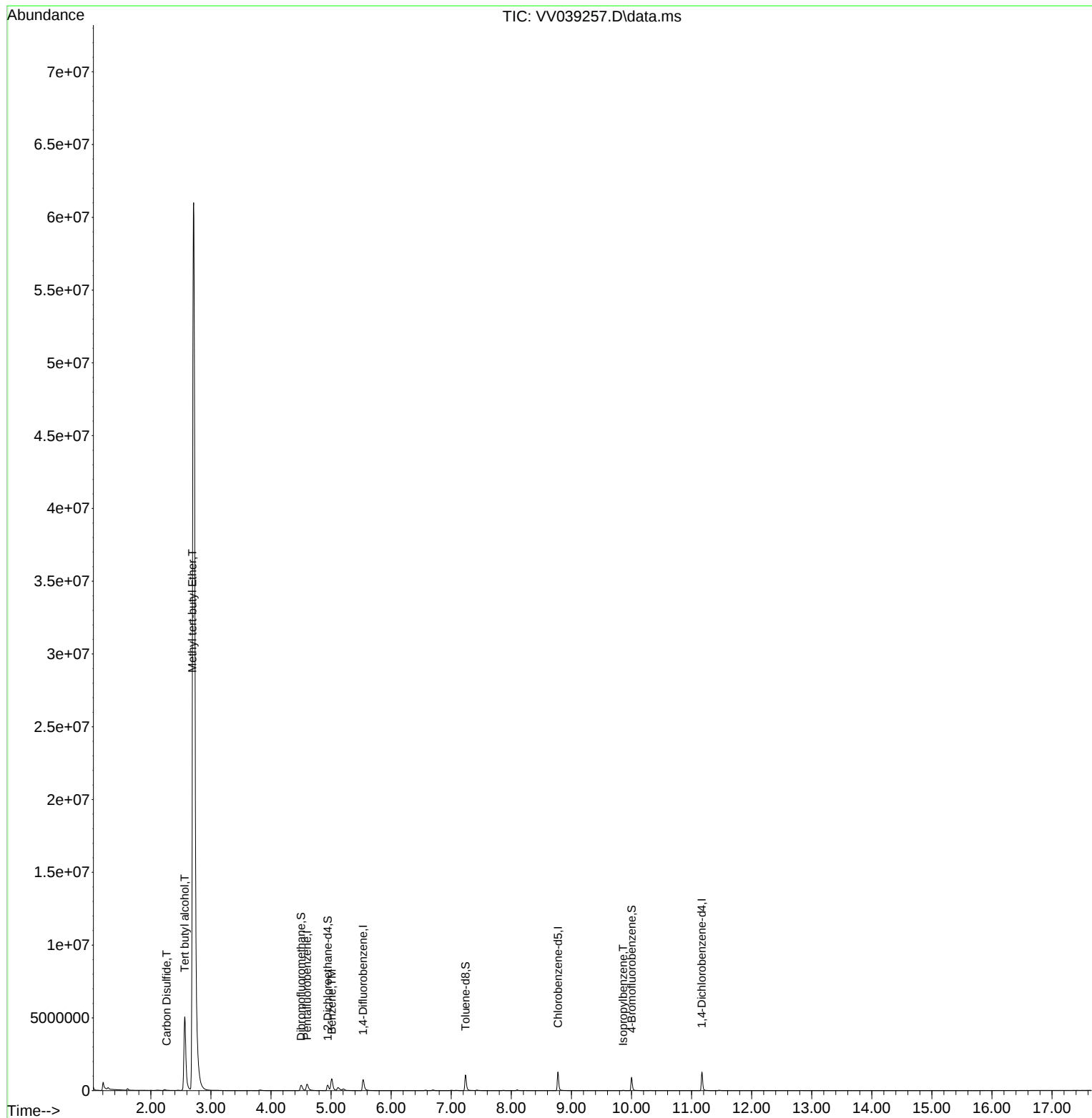
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
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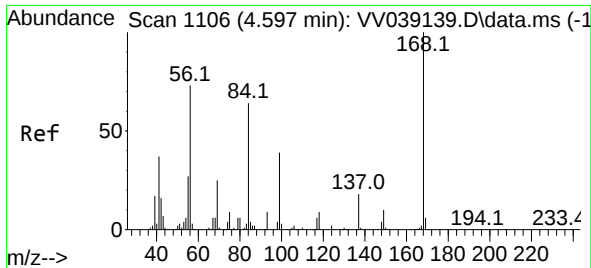
Instrument :
MSVOA_V
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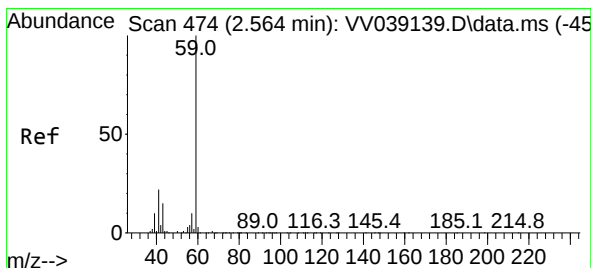
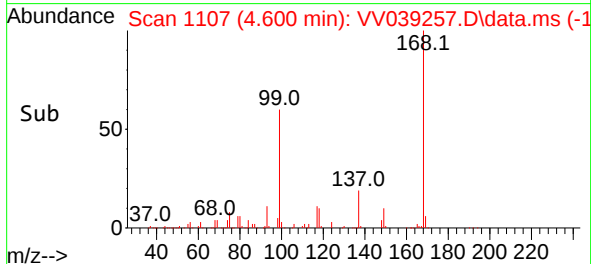
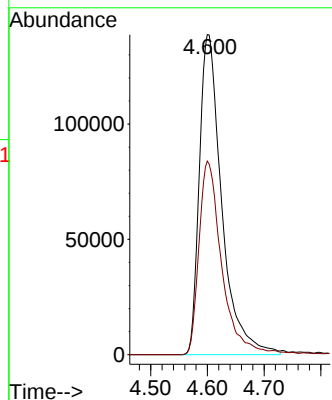
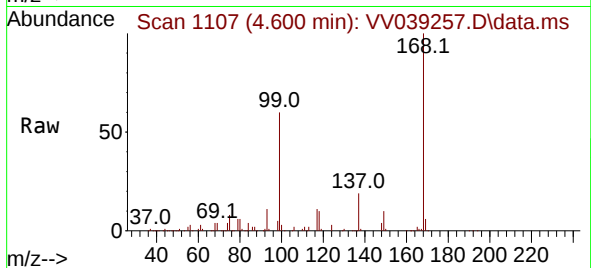
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Instrument :
MSVOA_V
ClientSampleId :
MW14

Tgt Ion:168 Resp: 38140
Ion Ratio Lower Upper
168 100
99 60.5 49.6 74.4

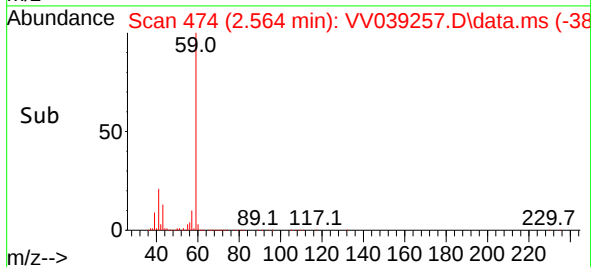
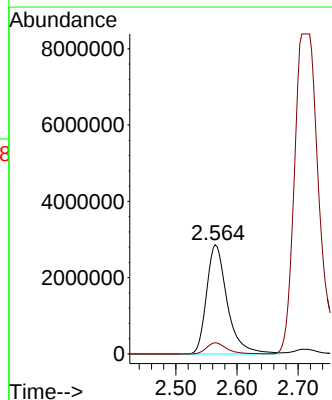
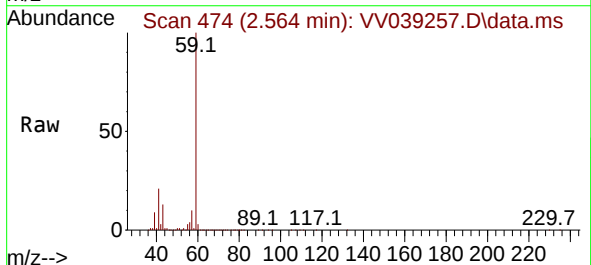
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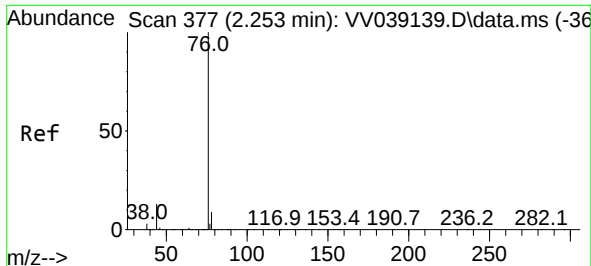
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#11
Tert butyl alcohol
Concen: 5776.520 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.000 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 59 Resp: 6739313
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8





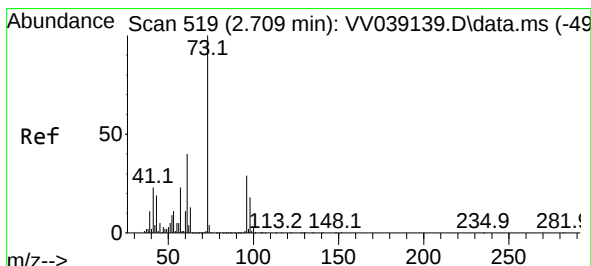
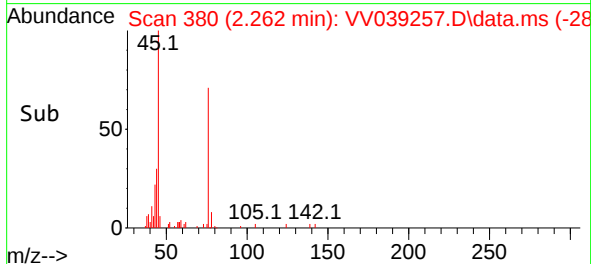
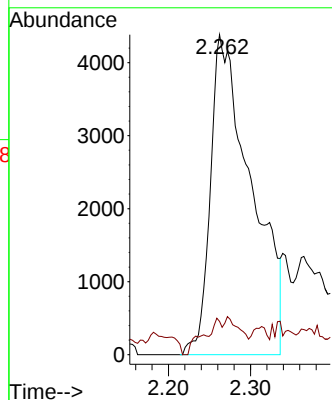
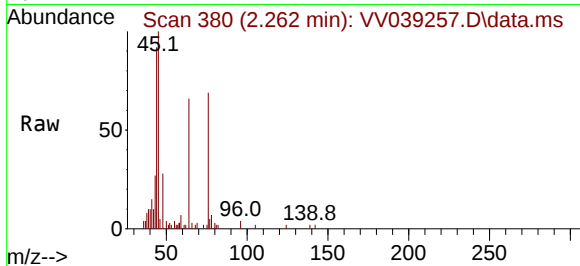
#17
Carbon Disulfide
Concen: 0.860 ug/l
RT: 2.262 min Scan# 377
Delta R.T. 0.010 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Instrument :
MSVOA_V
ClientSampleId :
MW14

Tgt Ion: 76 Resp: 1512
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.0

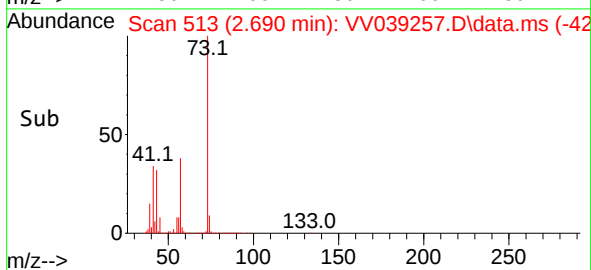
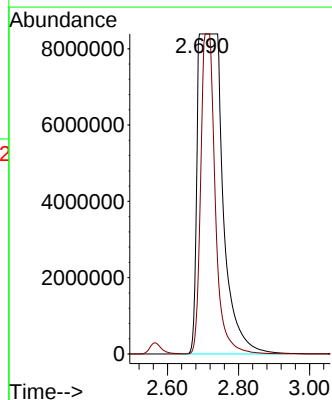
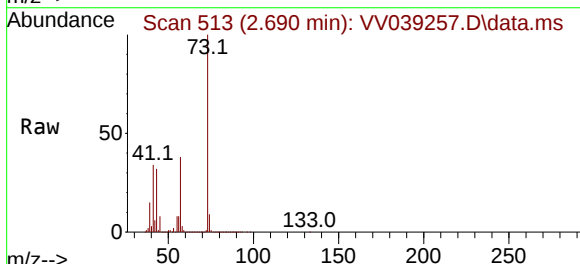
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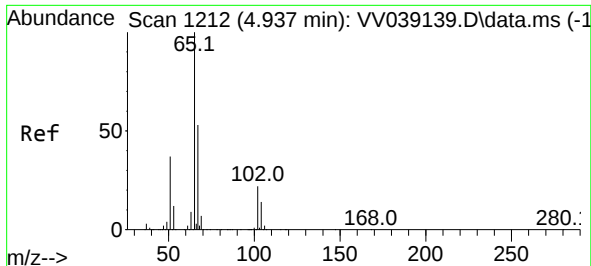
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#19
Methyl tert-butyl Ether
Concen: 2291.976 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

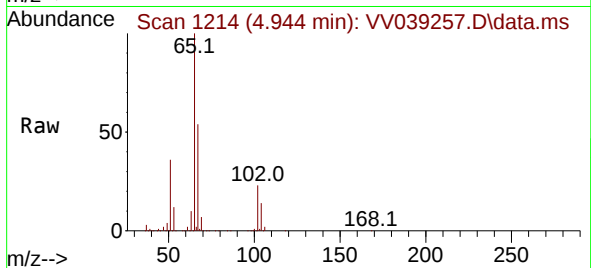
Tgt Ion: 73 Resp:41998987
Ion Ratio Lower Upper
73 100
57 37.6 18.2 27.4





#33
1,2-Dichloroethane-d4
Concen: 60.322 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

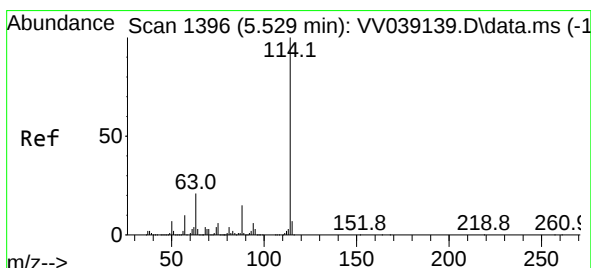
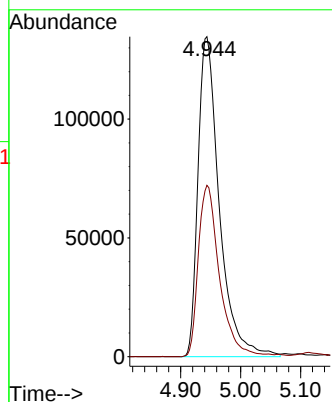
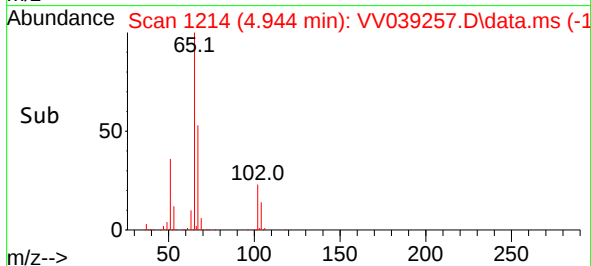
Instrument :
MSVOA_V
ClientSampleId :
MW14



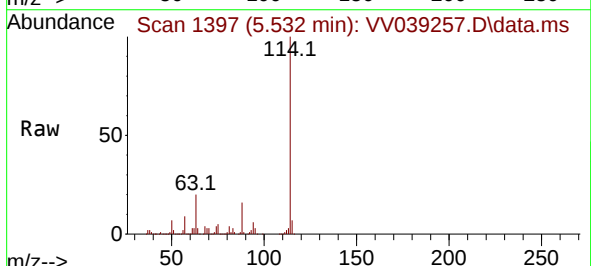
Tgt Ion: 65 Resp: 332978
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.0

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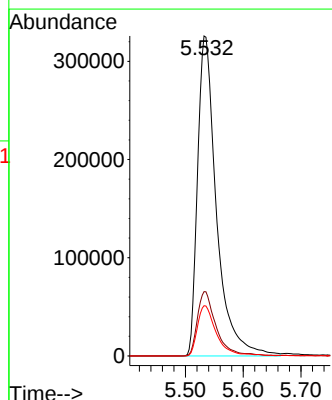
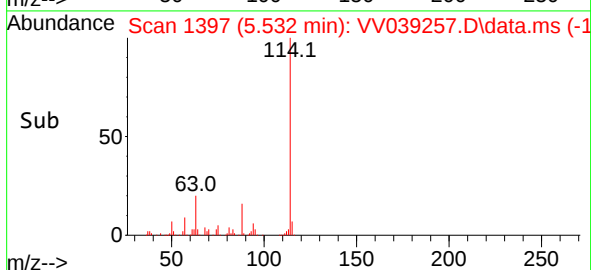
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025

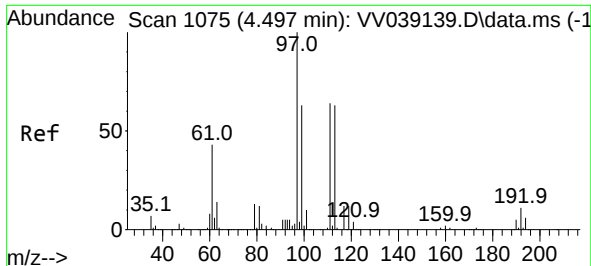


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04



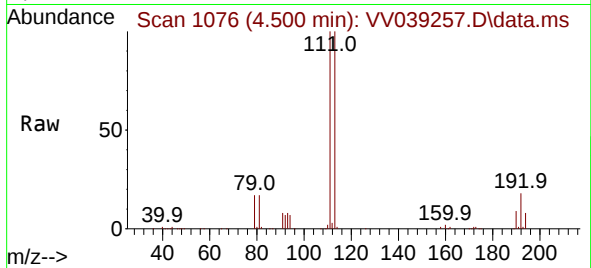
Tgt Ion:114 Resp: 742495
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.7 0.0 30.8





#35
Dibromofluoromethane
Concen: 53.066 ug/l
RT: 4.500 min Scan# 1075
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

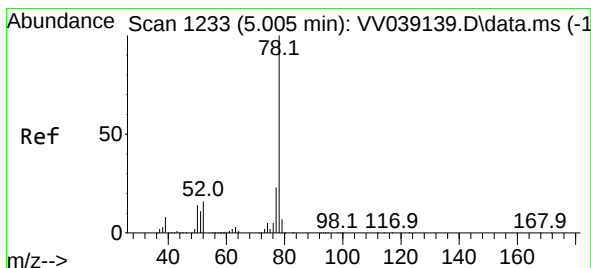
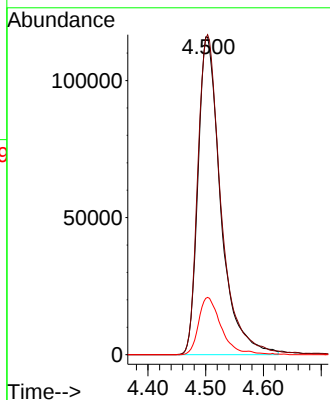
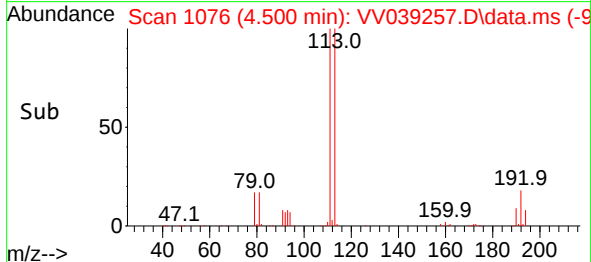
Instrument :
MSVOA_V
ClientSampleId :
MW14



Tgt Ion:113 Resp: 316752
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.4 13.8 20.8

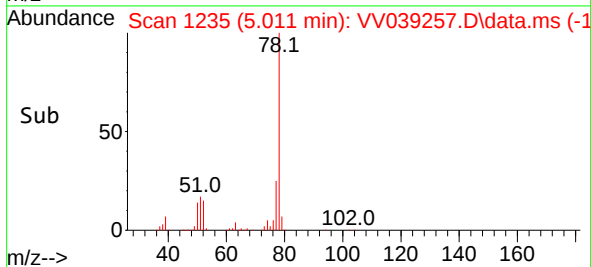
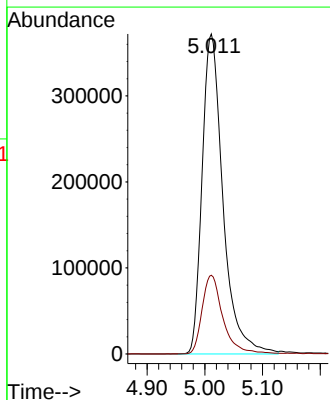
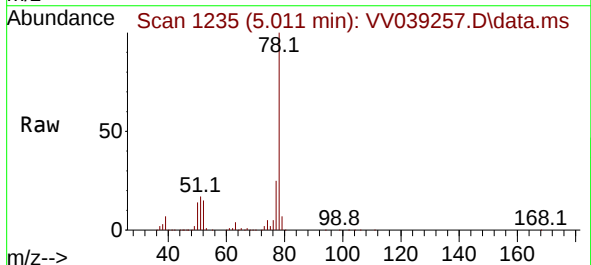
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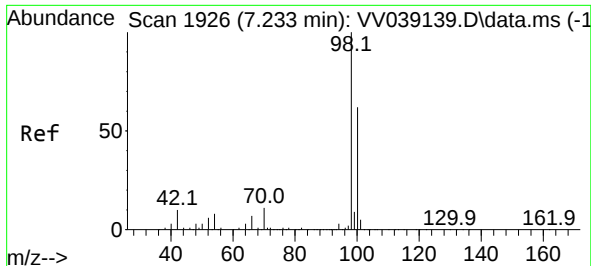
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#40
Benzene
Concen: 31.791 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 78 Resp: 934249
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1





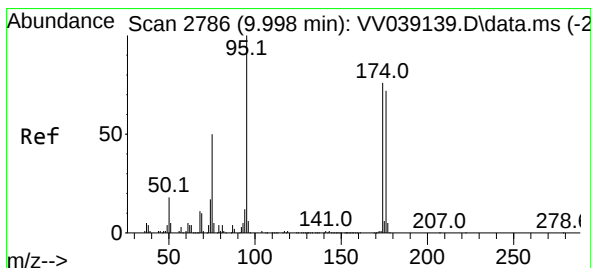
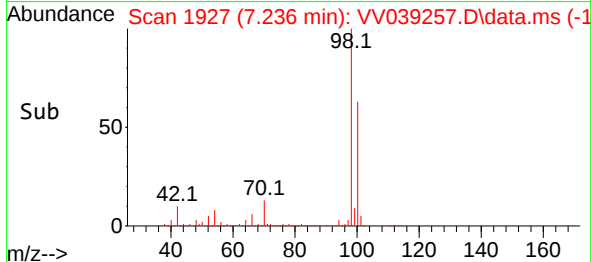
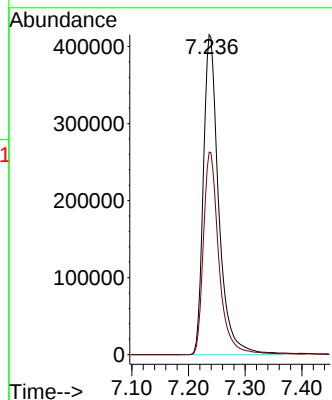
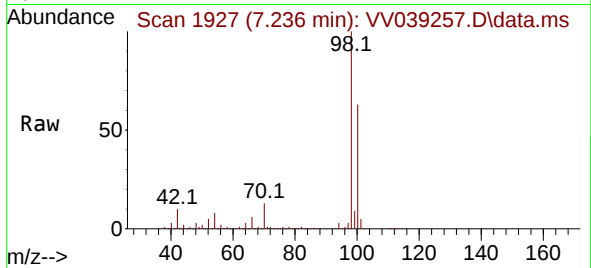
#50
Toluene-d8
Concen: 44.554 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Instrument :
MSVOA_V
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MW14

Tgt Ion: 98 Resp: 781078
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

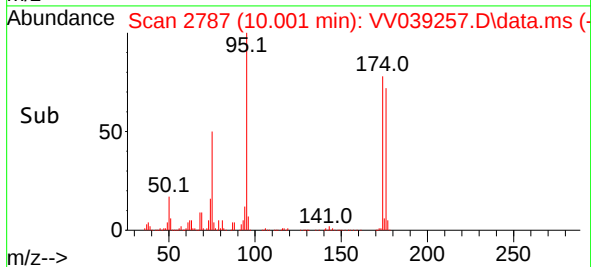
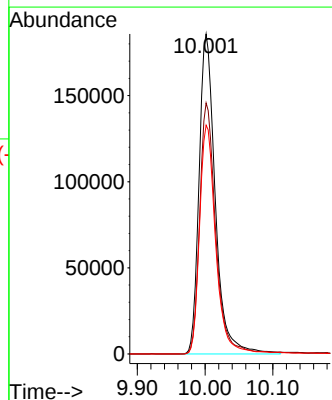
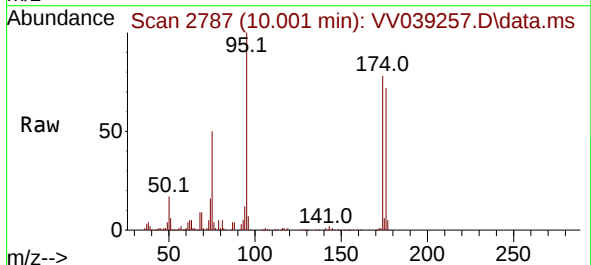
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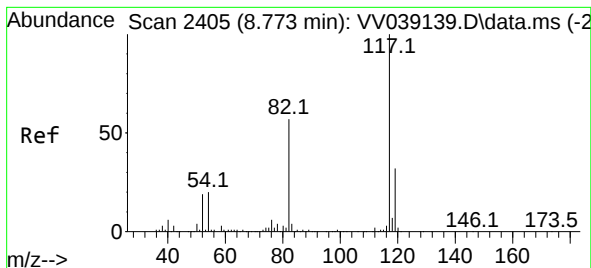
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#62
4-Bromofluorobenzene
Concen: 42.744 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Tgt Ion: 95 Resp: 308485
Ion Ratio Lower Upper
95 100
174 77.9 0.0 150.4
176 71.2 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039257.D

Acq: 03 Oct 2025 18:04

Instrument :

MSVOA_V

ClientSampleId :

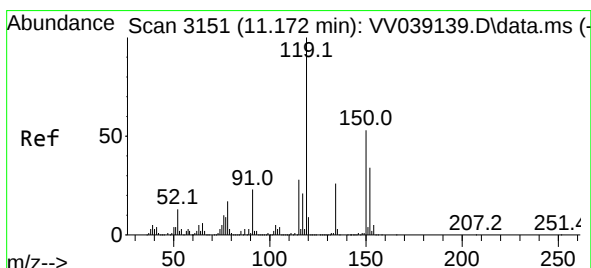
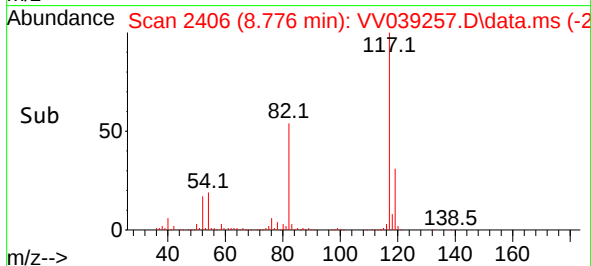
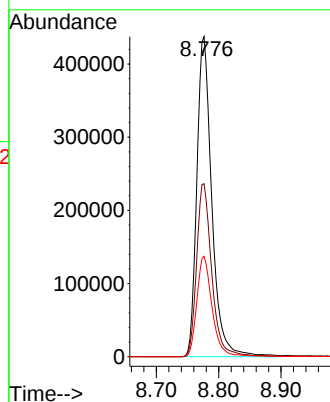
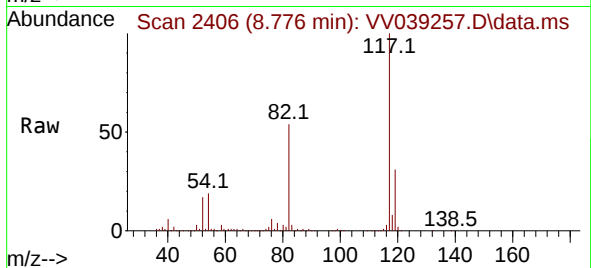
MW14

Tgt Ion:	117	Resp:	731184
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.4	68.2
119	31.4	25.6	38.4

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

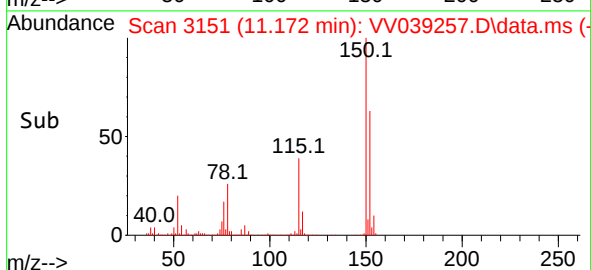
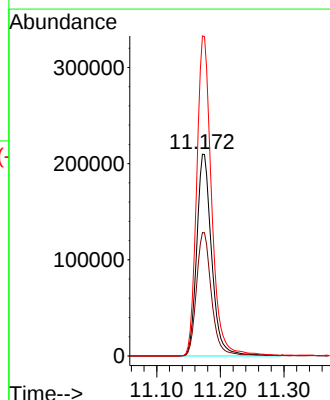
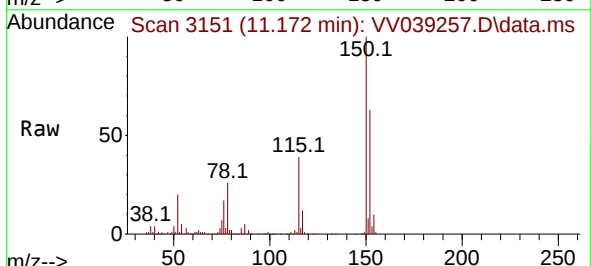
RT: 11.172 min Scan# 3151

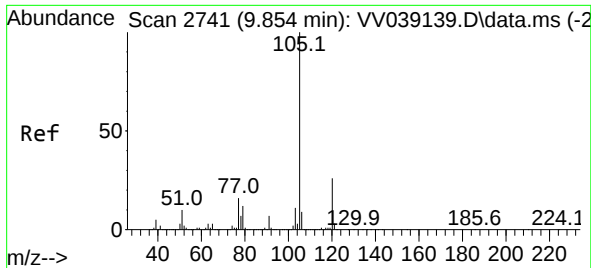
Delta R.T. -0.000 min

Lab File: VV039257.D

Acq: 03 Oct 2025 18:04

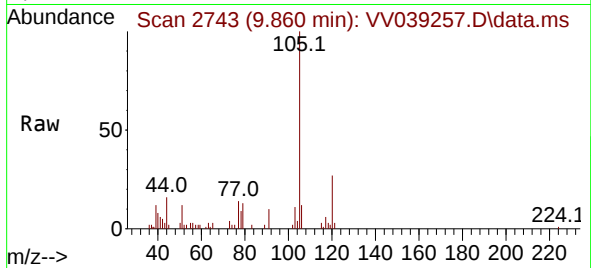
Tgt Ion:	152	Resp:	341647
Ion	Ratio	Lower	Upper
152	100		
115	61.1	44.8	134.4
150	158.6	0.0	353.8





#73
Isopropylbenzene
Concen: 0.595 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039257.D
Acq: 03 Oct 2025 18:04

Instrument :
MSVOA_V
ClientSampleId :
MW14



Tgt Ion:105 Resp: 1473
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

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