

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039256.D
 Acq On : 03 Oct 2025 17:41
 Operator : SY/MD
 Sample : Q3201-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW6

Quant Time: Oct 04 01:14:44 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	338723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	596501	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	602719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	285289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	295630	60.304	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 120.600%#			
35) Dibromofluoromethane	4.503	113	276319	57.622	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 115.240%			
50) Toluene-d8	7.240	98	631507	44.838	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 89.680%			
62) 4-Bromofluorobenzene	10.002	95	253846	43.781	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 87.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.564	59	7717590	7448.531	ug/l	99
16) Acetone	2.124	43	24177	3.247	ug/l	99
19) Methyl tert-butyl Ether	2.690	73	39182020m	2407.667	ug/l	

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

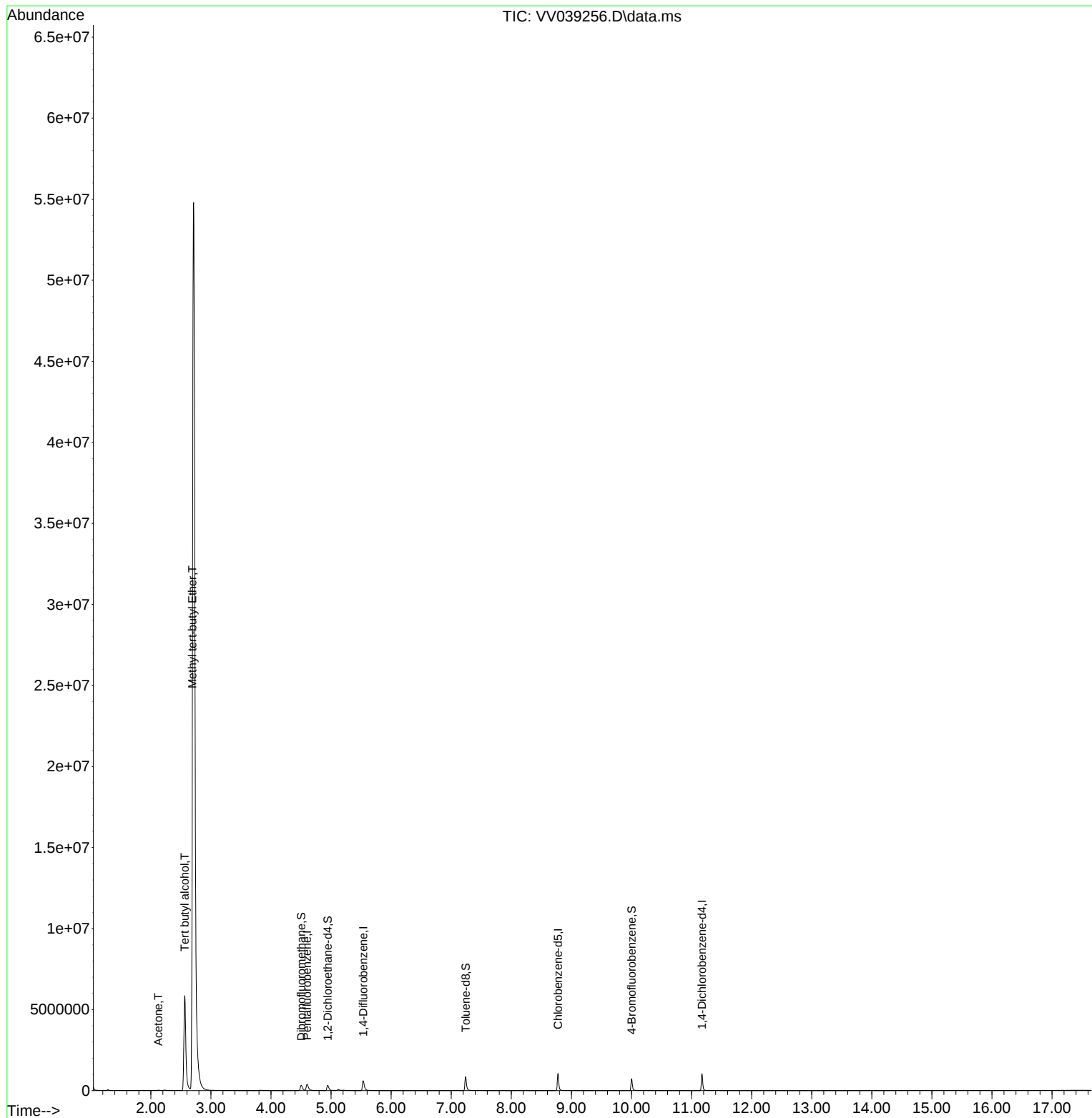
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
Data File : VV039256.D
Acq On : 03 Oct 2025 17:41
Operator : SY/MD
Sample : Q3201-01
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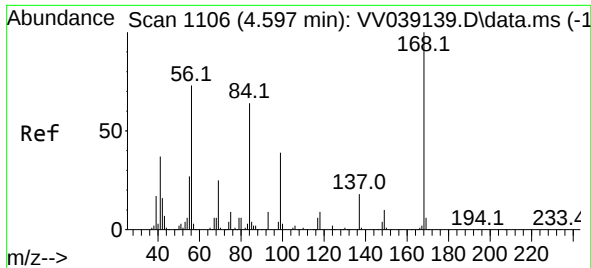
Instrument :
MSVOA_V
ClientSampleId :
MW6

Quant Time: Oct 04 01:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
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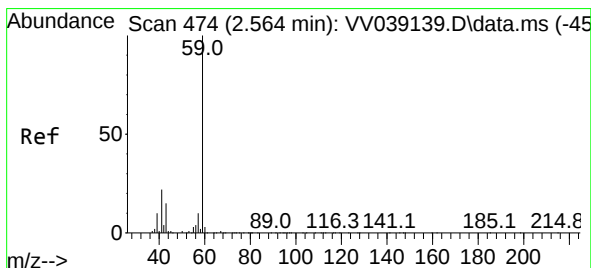
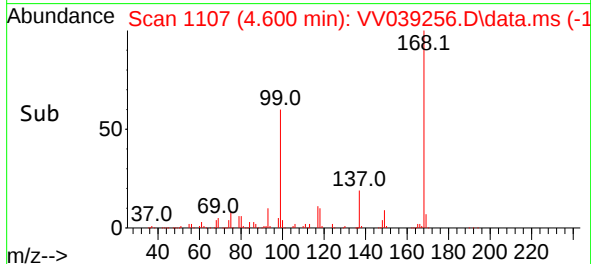
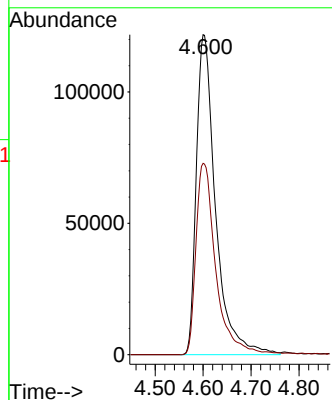
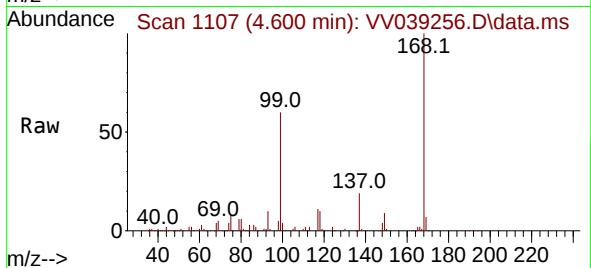
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

Instrument :
MSVOA_V
ClientSampleId :
MW6

Tgt Ion:168 Resp: 33872
Ion Ratio Lower Upper
168 100
99 59.8 49.6 74.4

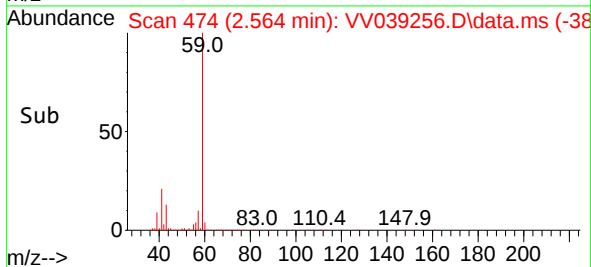
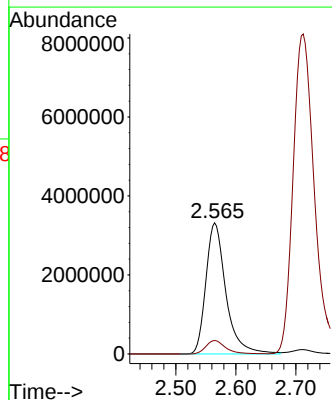
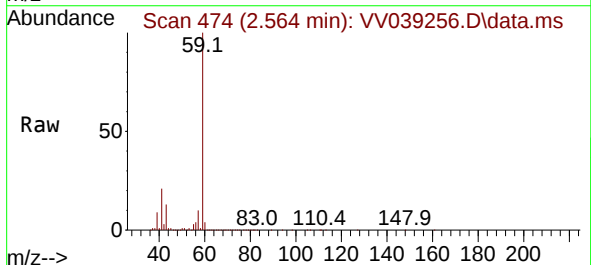
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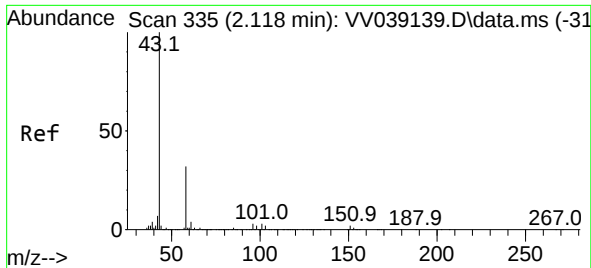
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#11
Tert butyl alcohol
Concen: 7448.531 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.000 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

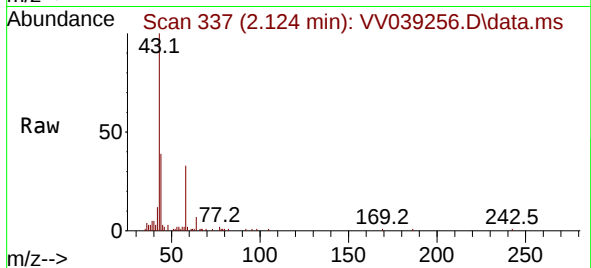
Tgt Ion: 59 Resp: 7717590
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8





#16
Acetone
Concen: 3.247 ug/l
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

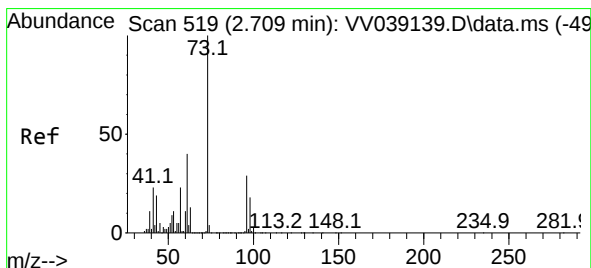
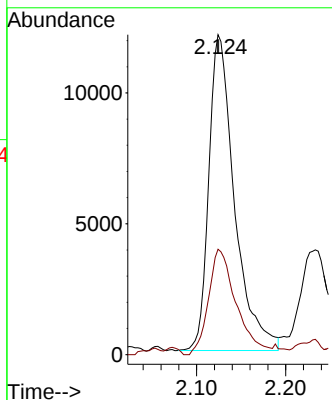
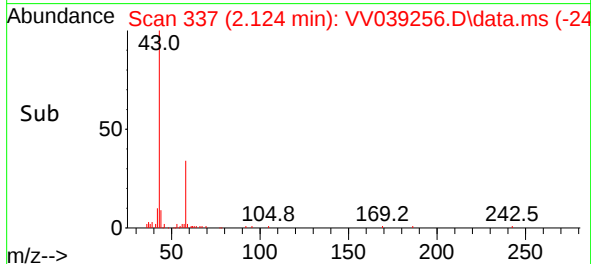
Instrument :
MSVOA_V
ClientSampleId :
MW6



Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.6

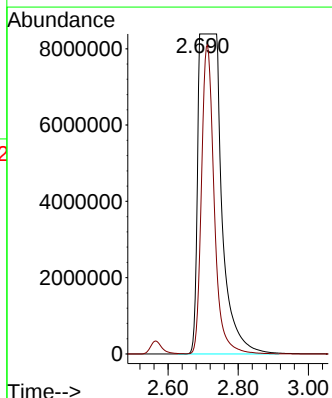
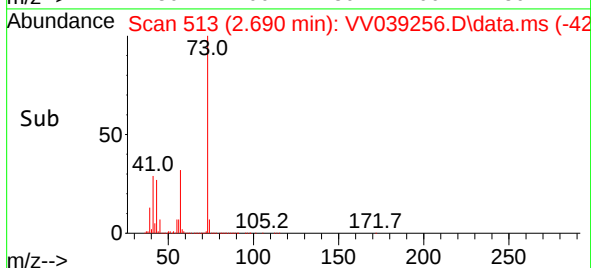
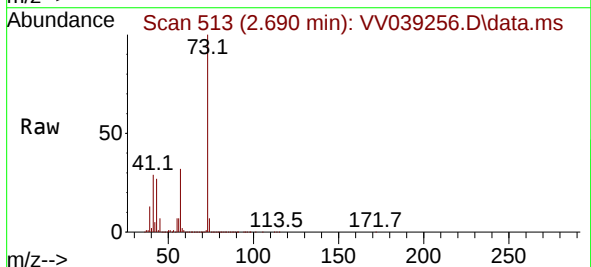
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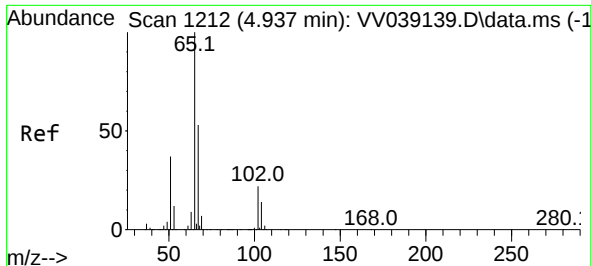
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#19
Methyl tert-butyl Ether
Concen: 2407.667 ug/l m
RT: 2.690 min Scan# 513
Delta R.T. -0.019 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

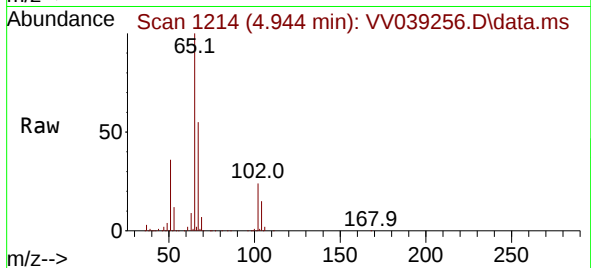
Tgt Ion: 73 Resp:39182020
Ion Ratio Lower Upper
73 100
57 31.6 18.2 27.4#





#33
1,2-Dichloroethane-d4
Concen: 60.304 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

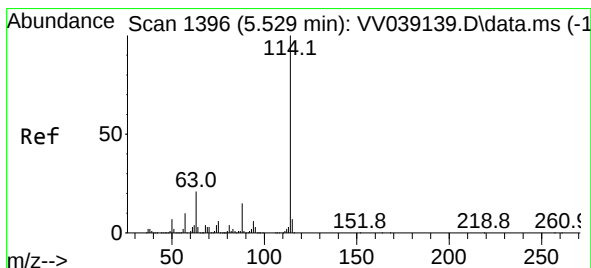
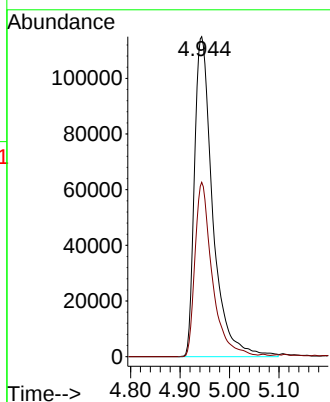
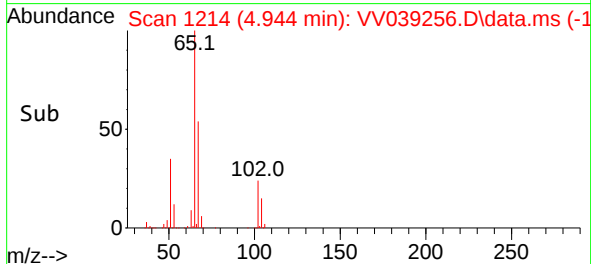
Instrument :
MSVOA_V
ClientSampleId :
MW6



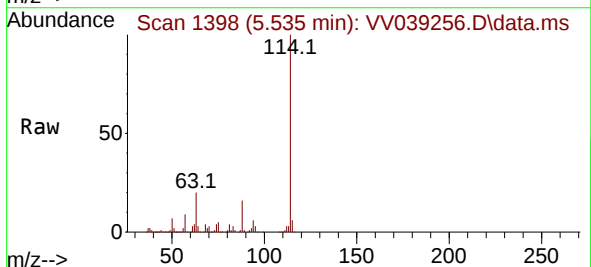
Tgt Ion: 65 Resp: 295630
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.0

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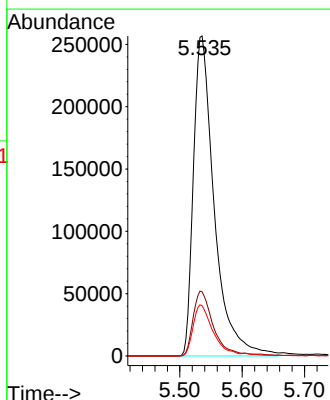
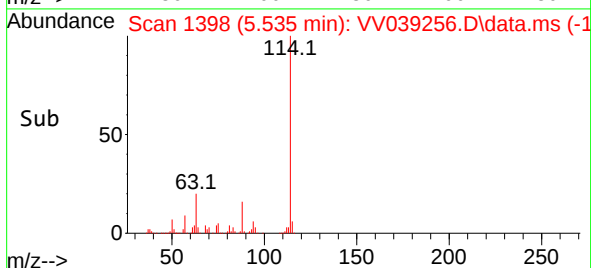
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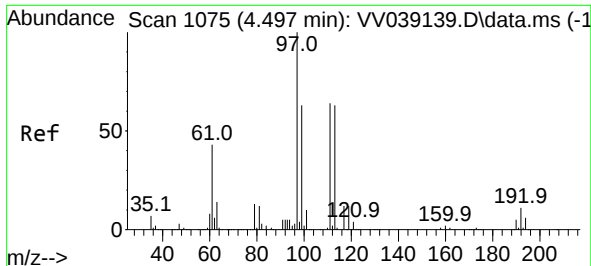


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41



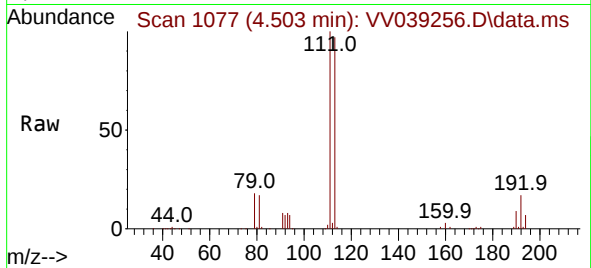
Tgt Ion:114 Resp: 596501
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.6
88 15.7 0.0 30.8





#35
Dibromofluoromethane
Concen: 57.622 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

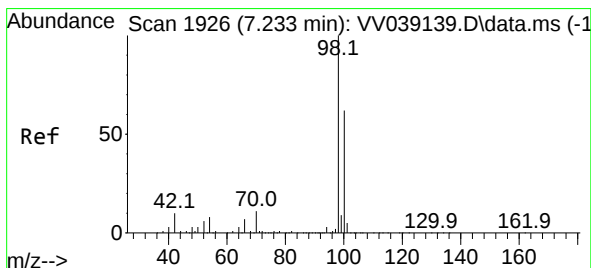
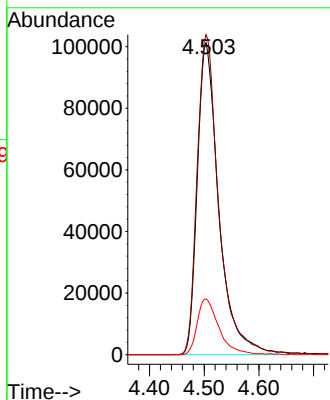
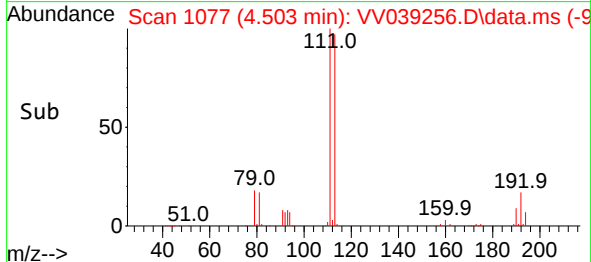
Instrument :
MSVOA_V
ClientSampleId :
MW6



Tgt Ion: 113 Resp: 276319
Ion Ratio Lower Upper
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111 103.7 82.4 123.6
192 18.1 13.8 20.8

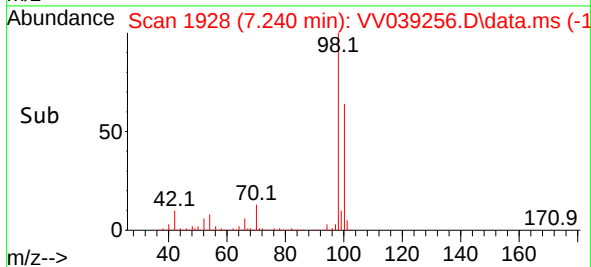
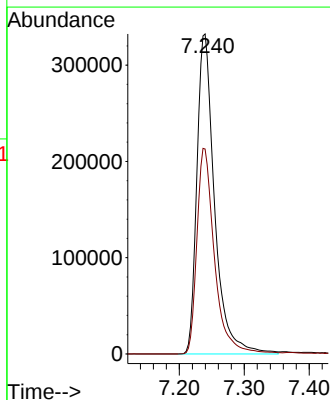
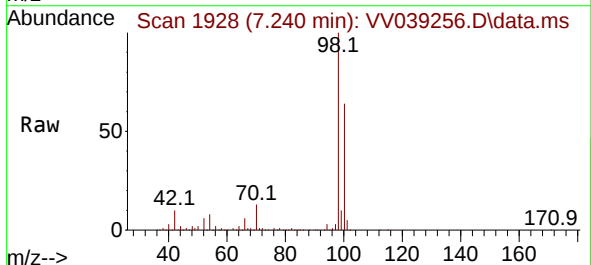
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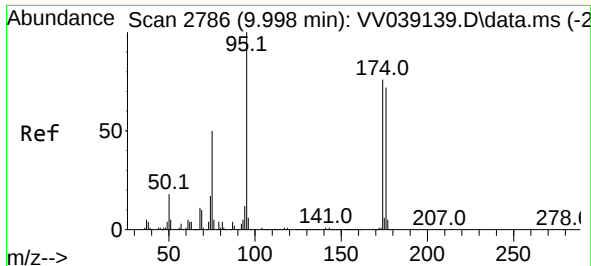
Reviewed By :Mahesh Dadoda 10/06/2025
Supervised By :Semsettin Yesilyurt 10/06/2025



#50
Toluene-d8
Concen: 44.838 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

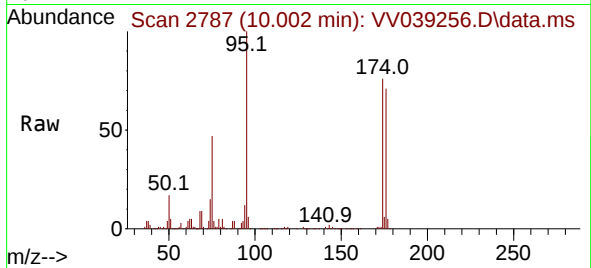
Tgt Ion: 98 Resp: 631507
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2





#62
4-Bromofluorobenzene
Concen: 43.781 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41

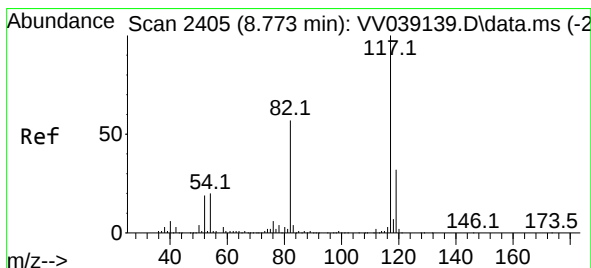
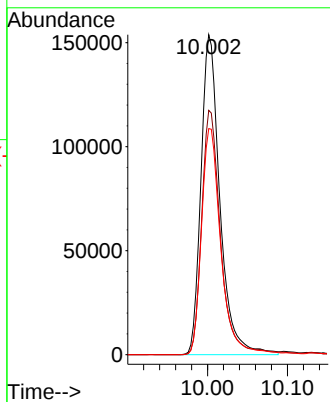
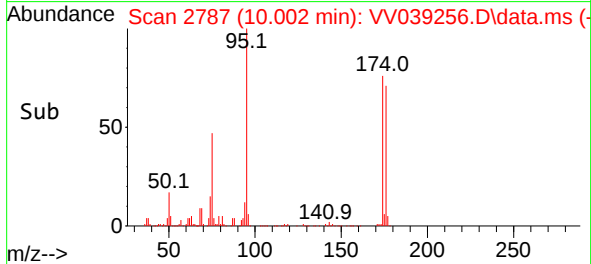
Instrument :
MSVOA_V
ClientSampleId :
MW6



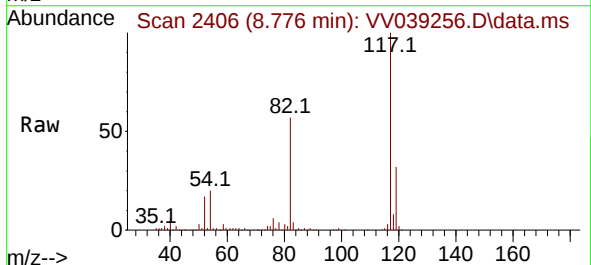
Tgt Ion: 95 Resp: 253840
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.4
176 72.3 0.0 144.2

Manual Integrations
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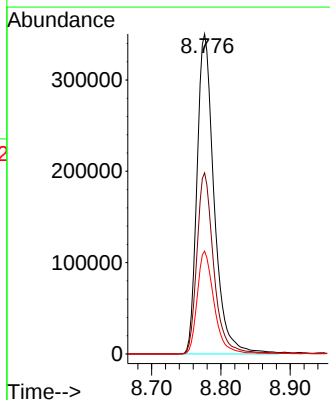
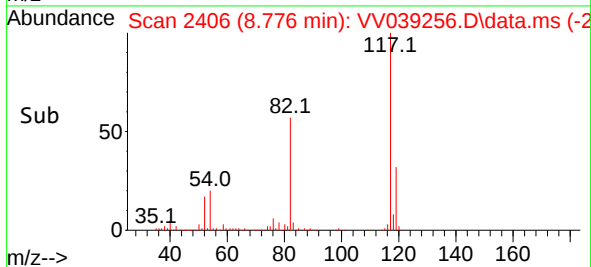
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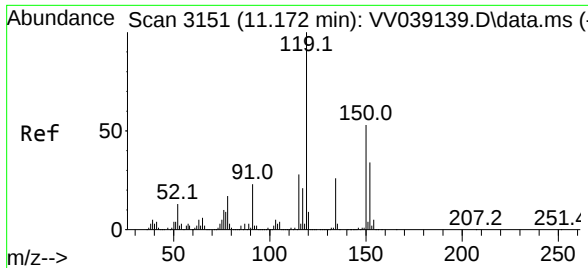


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039256.D
Acq: 03 Oct 2025 17:41



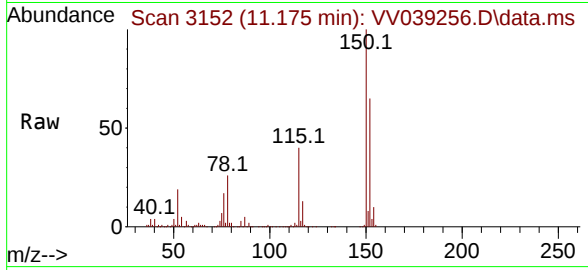
Tgt Ion:117 Resp: 602719
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039256.D
 Acq: 03 Oct 2025 17:41

Instrument :
 MSVOA_V
 ClientSampleId :
 MW6



Tgt Ion:152 Resp: 285289
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.8 134.4
 150 156.1 0.0 353.8

Manual Integrations
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