

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039320.D
 Acq On : 04 Nov 2025 17:24
 Operator : SY/MD
 Sample : Q3534-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-EB-3

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025

Quant Time: Nov 05 00:40:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	890347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1641332	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1514755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	687973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	687885	54.372	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 108.740%			
35) Dibromofluoromethane	4.500	113	619545	47.906	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 95.820%			
50) Toluene-d8	7.236	98	2004989	45.572	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 91.140%			
62) 4-Bromofluorobenzene	9.998	95	679654	43.377	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 86.760%			
Target Compounds						
						Qvalue
8) Diethyl Ether	1.921	74	7972	1.080	ug/l	90
29) Tetrahydrofuran	4.272	42	9654m	1.952	ug/l	
65) Chlorobenzene	8.805	112	209972	5.855	ug/l	97
88) 1,4-Dichlorobenzene	11.194	146	26527	1.035	ug/l #	66

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

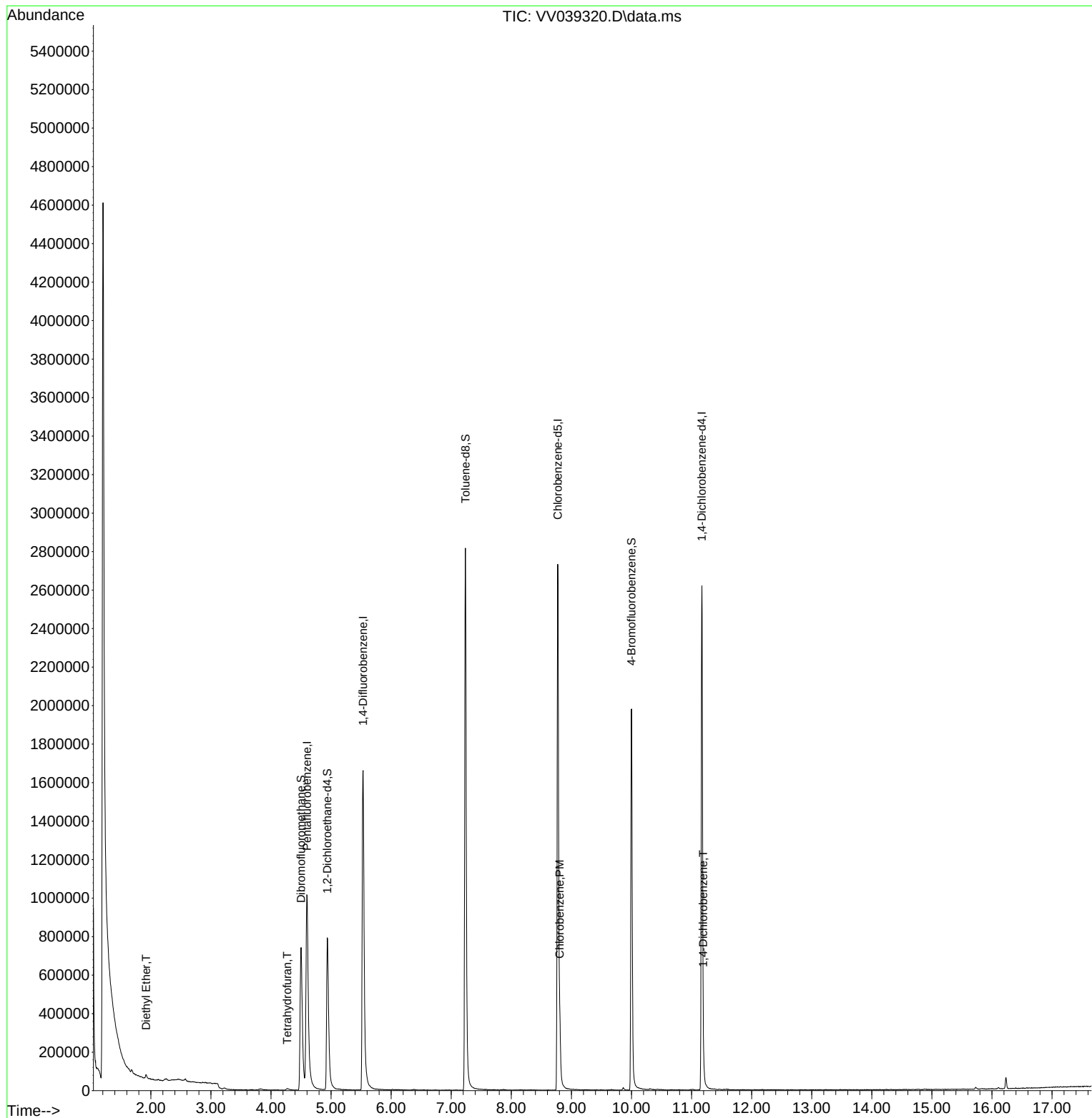
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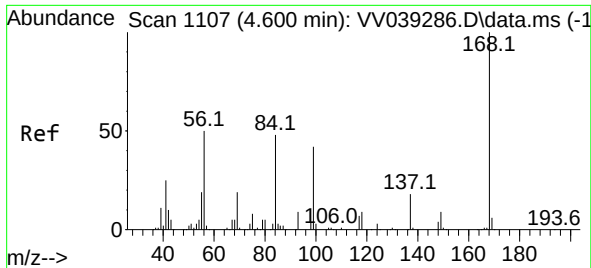
Instrument :
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ClientSampleId :
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Quant Time: Nov 05 00:40:06 2025
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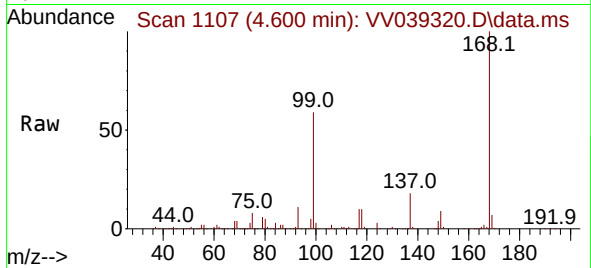
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

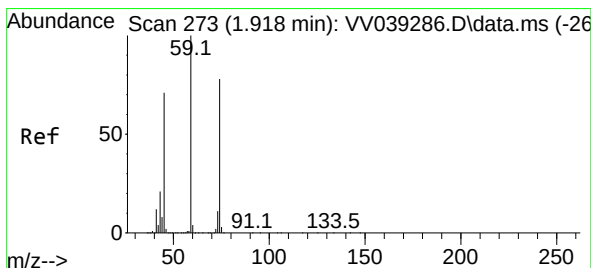
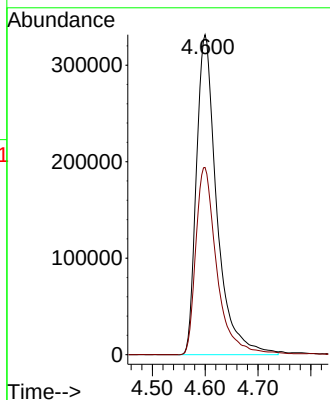
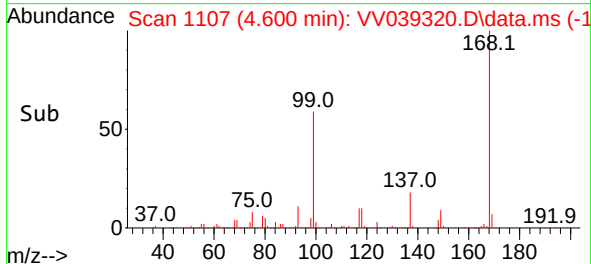
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3



Tgt Ion:168 Resp: 89034
Ion Ratio Lower Upper
168 100
99 58.5 46.6 70.0

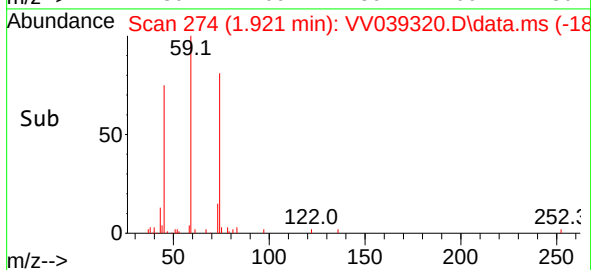
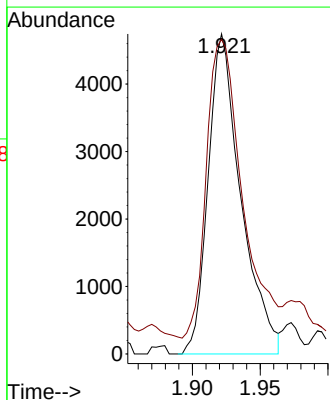
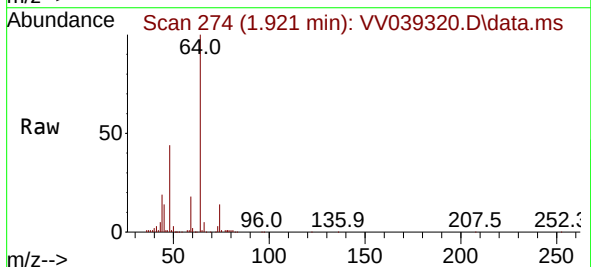
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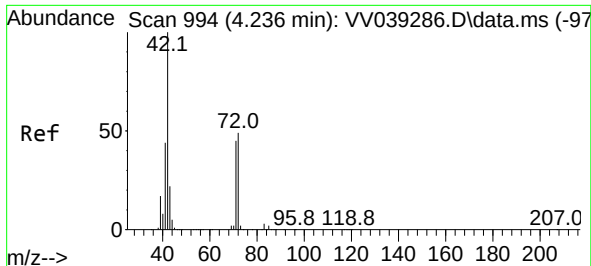
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#8
Diethyl Ether
Concen: 1.080 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

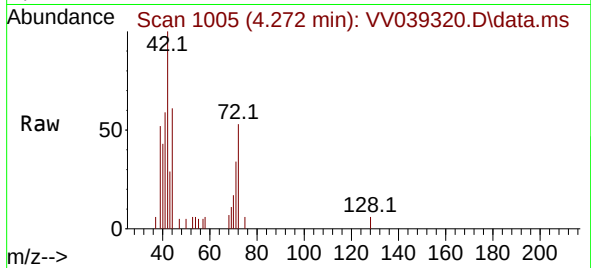
Tgt Ion: 74 Resp: 7972
Ion Ratio Lower Upper
74 100
45 101.8 45.9 137.7





#29
Tetrahydrofuran
Concen: 1.952 ug/l m
RT: 4.272 min Scan# 1005
Delta R.T. 0.036 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

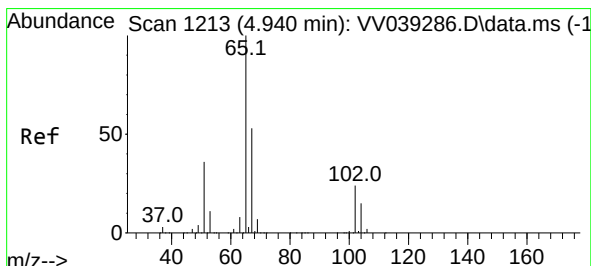
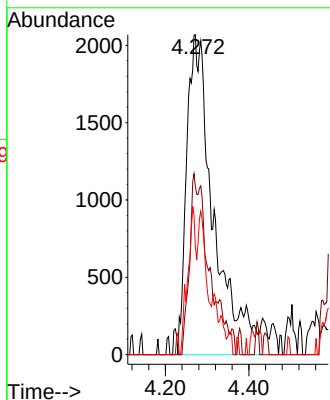
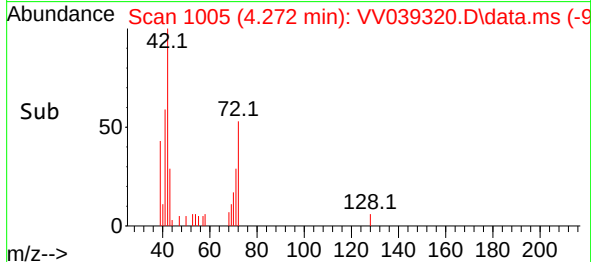
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3



Tgt Ion: 42 Resp: 9654
Ion Ratio Lower Upper
42 100
72 17.0 39.8 59.8
71 13.6 36.5 54.7

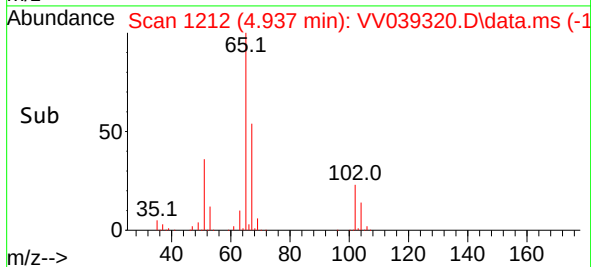
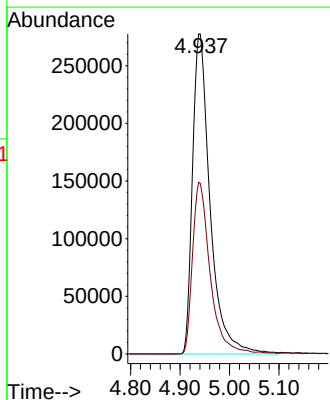
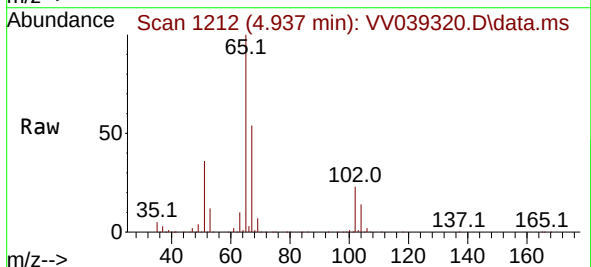
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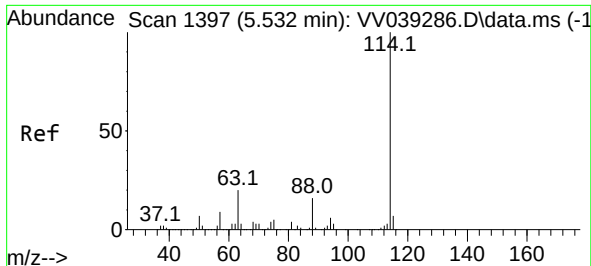
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#33
1,2-Dichloroethane-d4
Concen: 54.372 ug/l
RT: 4.937 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 65 Resp: 687885
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.4





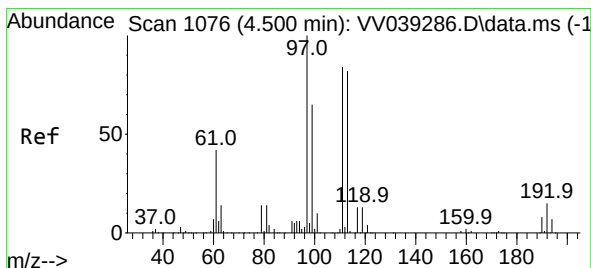
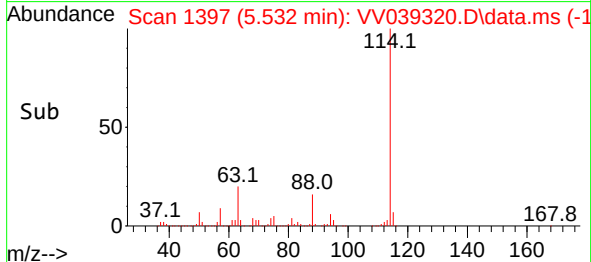
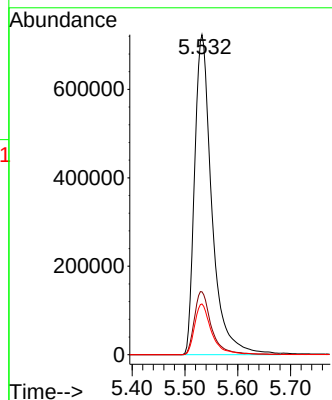
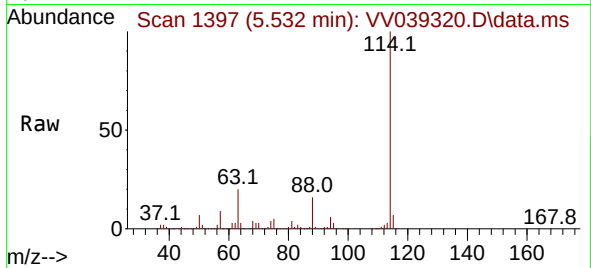
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Tgt Ion:114 Resp: 164133
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.9 0.0 31.6

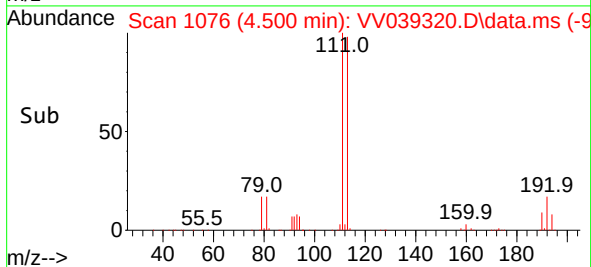
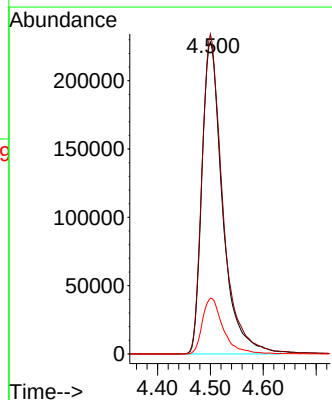
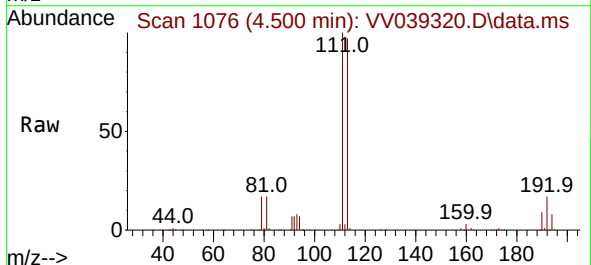
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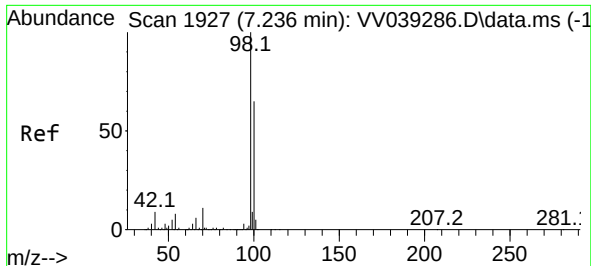
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#35
Dibromofluoromethane
Concen: 47.906 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

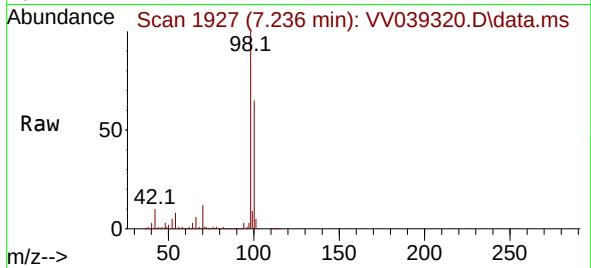
Tgt Ion:113 Resp: 619545
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 17.9 14.3 21.5





#50
Toluene-d8
Concen: 45.572 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

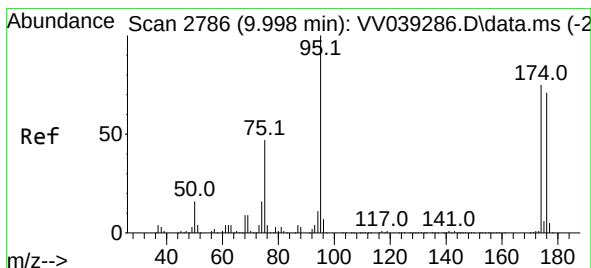
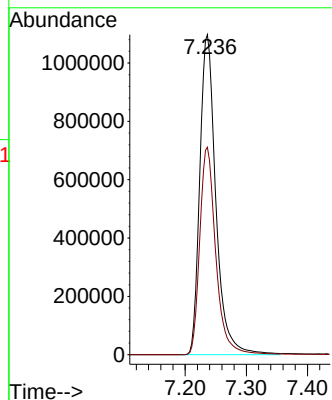
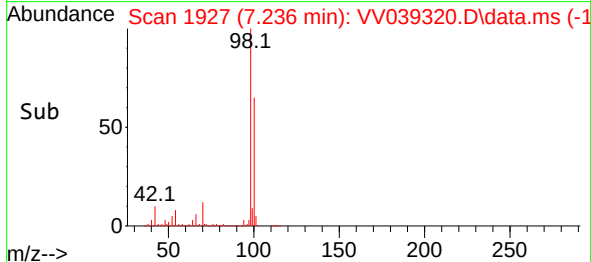
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3



Tgt Ion: 98 Resp: 2004989
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

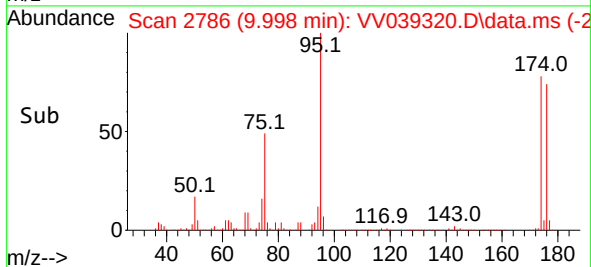
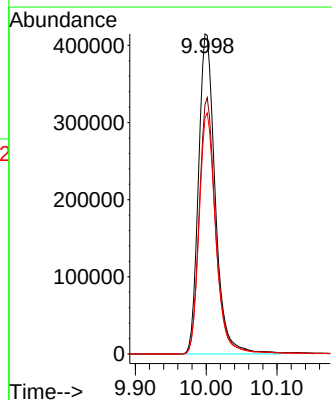
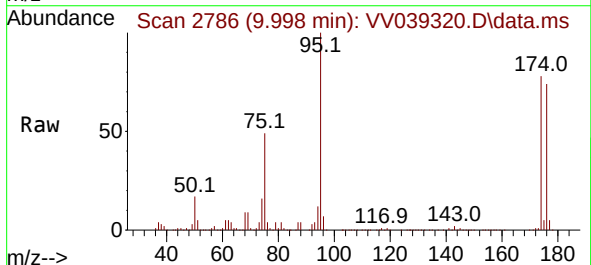
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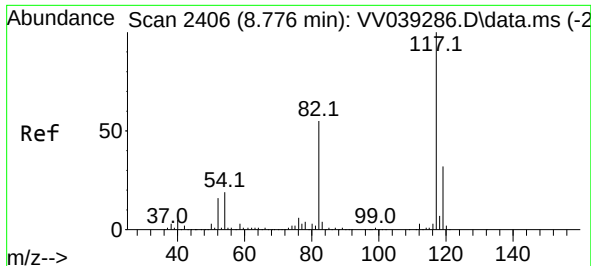
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#62
4-Bromofluorobenzene
Concen: 43.377 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion: 95 Resp: 679654
Ion Ratio Lower Upper
95 100
174 78.6 0.0 153.6
176 75.0 0.0 146.0





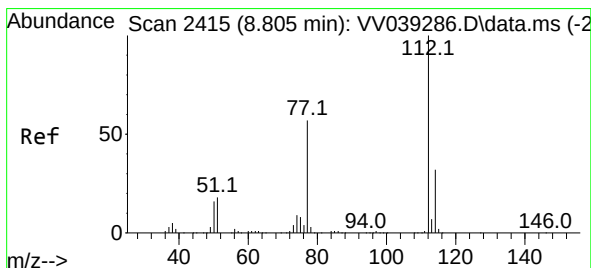
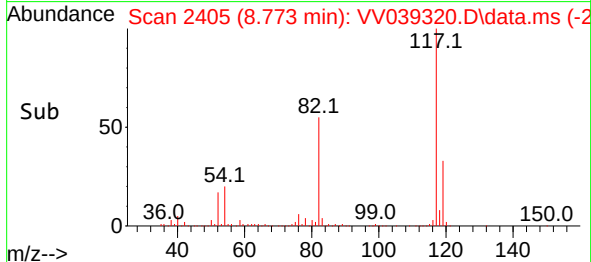
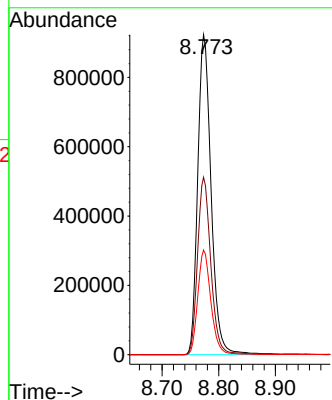
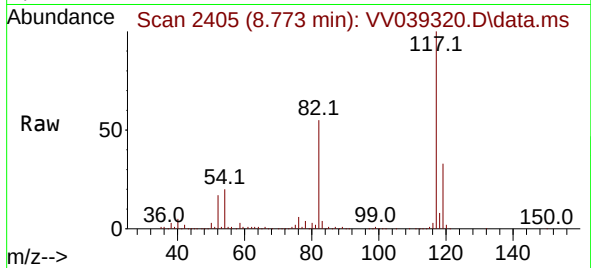
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Tgt Ion:117 Resp: 151475
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.7 25.8 38.6

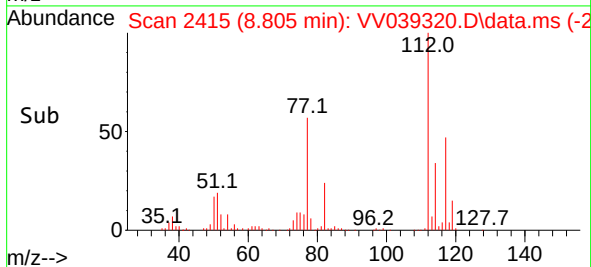
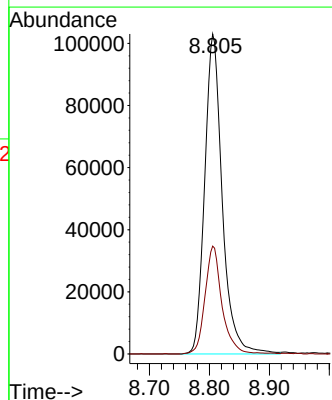
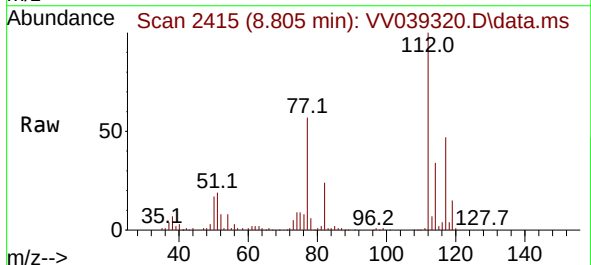
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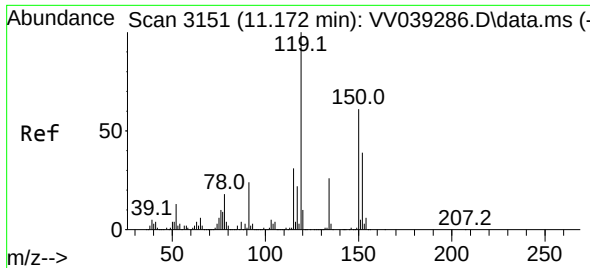
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#65
Chlorobenzene
Concen: 5.855 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:112 Resp: 209972
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5





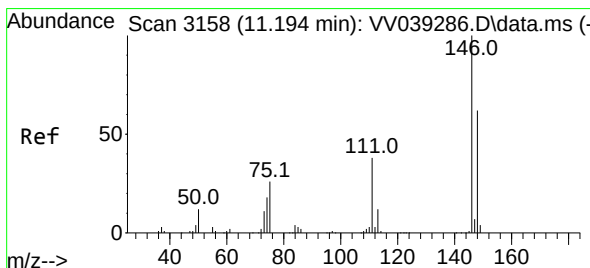
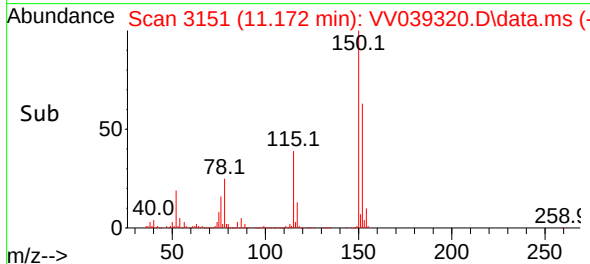
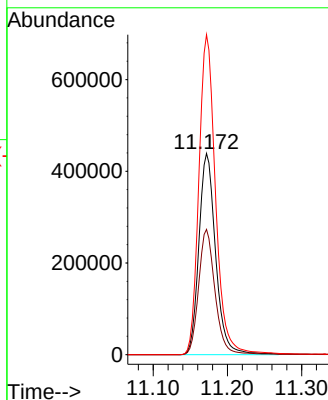
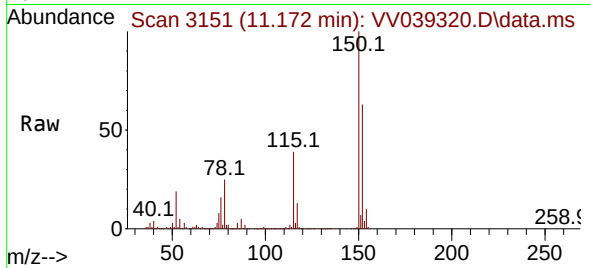
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-3

Tgt Ion:152 Resp: 68797
Ion Ratio Lower Upper
152 100
115 61.2 42.3 126.8
150 159.2 0.0 348.0

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#88
1,4-Dichlorobenzene
Concen: 1.035 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039320.D
Acq: 04 Nov 2025 17:24

Tgt Ion:146 Resp: 26527
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 74.3 31.5 94.5

