

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039319.D
 Acq On : 04 Nov 2025 17:02
 Operator : SY/MD
 Sample : Q3534-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-EB-2

Quant Time: Nov 05 00:39:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	616619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1121740	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1092486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	497981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	524263	59.835	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 119.660%#			
35) Dibromofluoromethane	4.500	113	453587	51.319	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 102.640%			
50) Toluene-d8	7.236	98	1410464	46.909	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	10.001	95	488084	45.579	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 91.160%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	1.921	74	26811	5.246	ug/l	99
22) Diisopropyl ether	3.217	45	65193	2.755	ug/l #	36
29) Tetrahydrofuran	4.256	42	15411m	4.498	ug/l	
65) Chlorobenzene	8.809	112	63971	2.473	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	30118	1.623	ug/l #	77

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

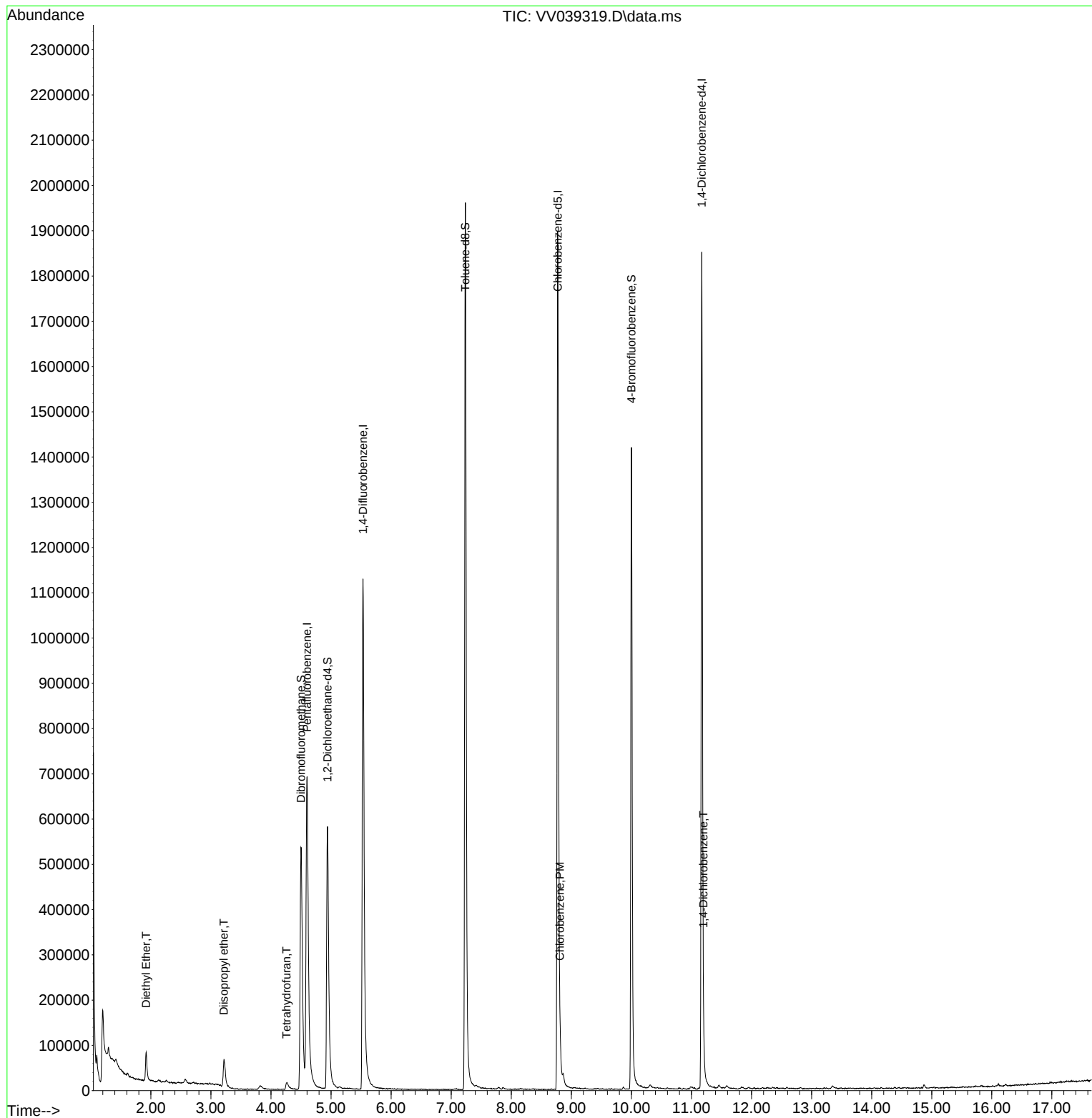
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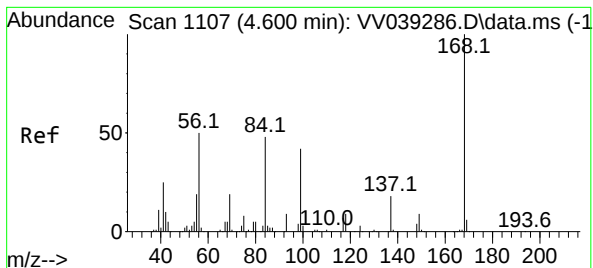
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

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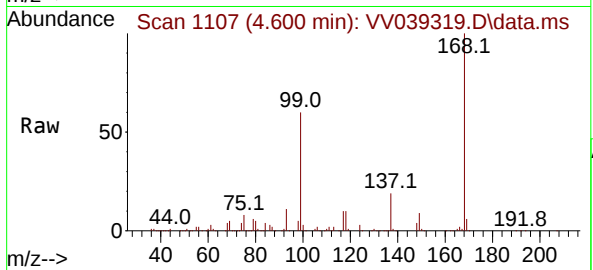
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

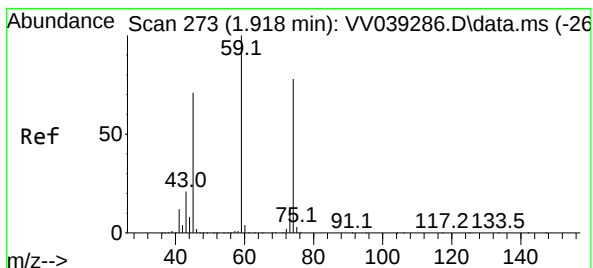
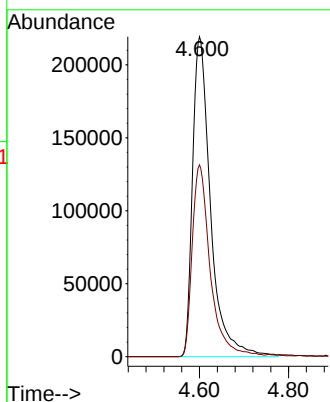
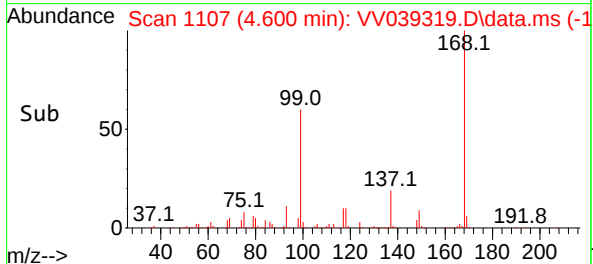
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2



Tgt Ion:168 Resp: 616619
Ion Ratio Lower Upper
168 100
99 59.9 46.6 70.0

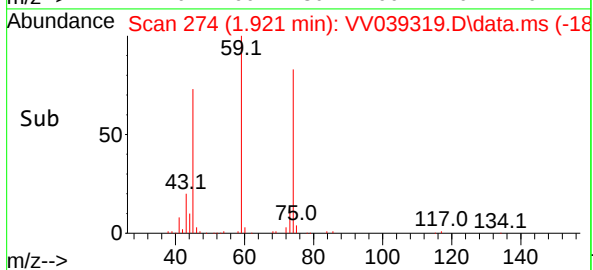
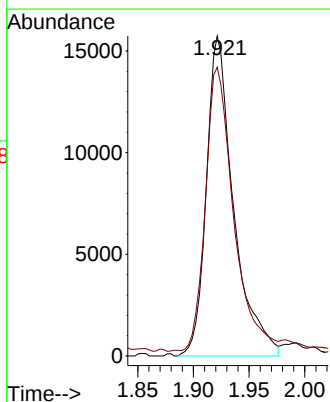
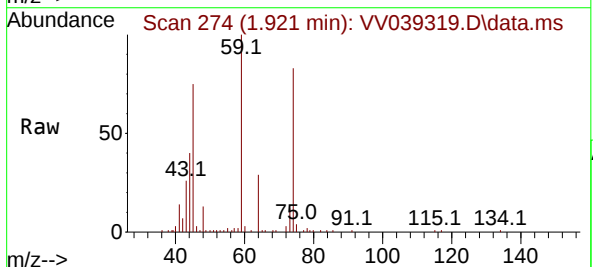
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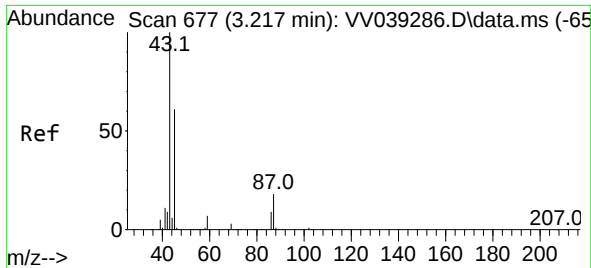
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#8
Diethyl Ether
Concen: 5.246 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

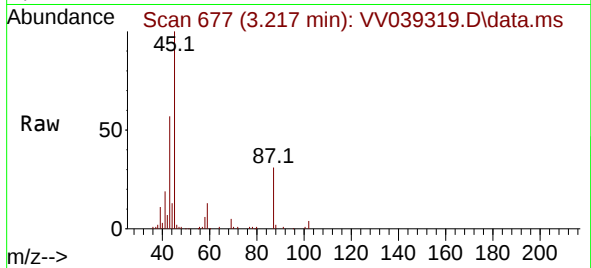
Tgt Ion: 74 Resp: 26811
Ion Ratio Lower Upper
74 100
45 91.2 45.9 137.7





#22
Diisopropyl ether
Concen: 2.755 ug/l
RT: 3.217 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

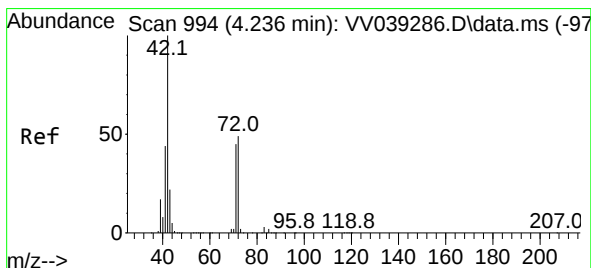
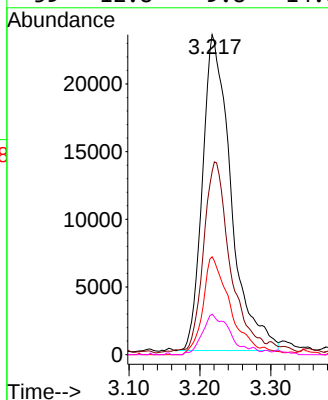
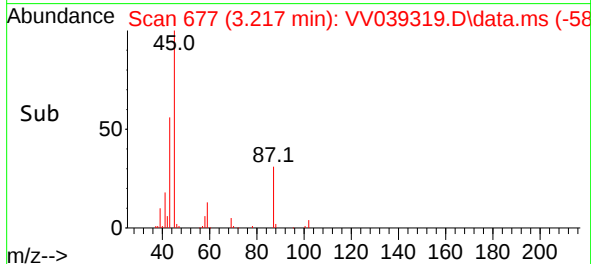
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2



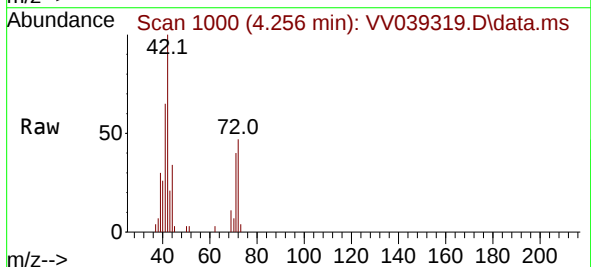
Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	130.8	196.2
87	31.0	23.8	35.8
59	12.8	9.8	14.8

Manual Integrations
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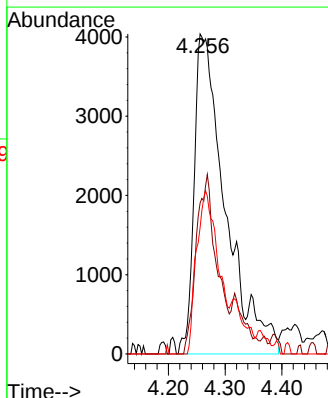
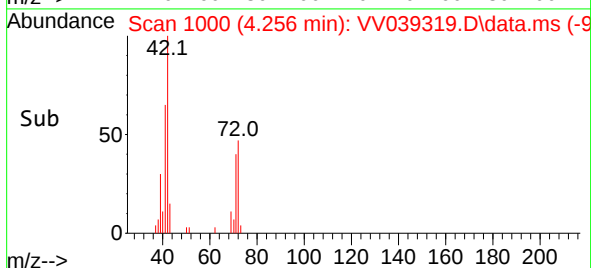
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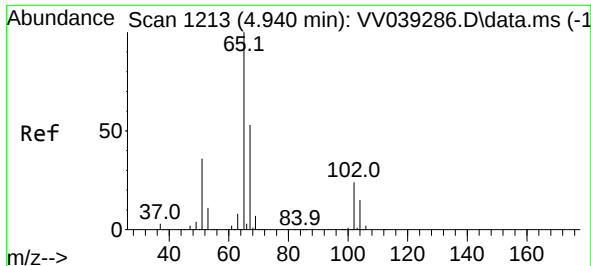


#29
Tetrahydrofuran
Concen: 4.498 ug/l m
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02



Tgt Ion	Ratio	Lower	Upper
42	100		
72	36.8	39.8	59.8#
71	35.6	36.5	54.7#





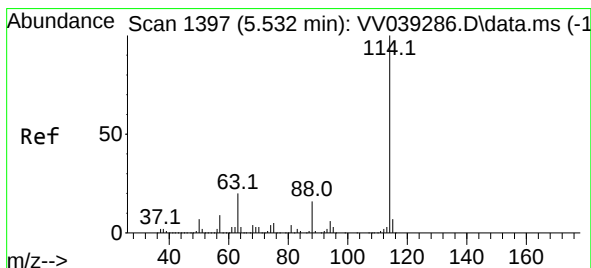
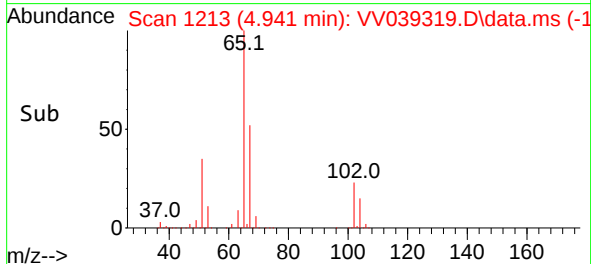
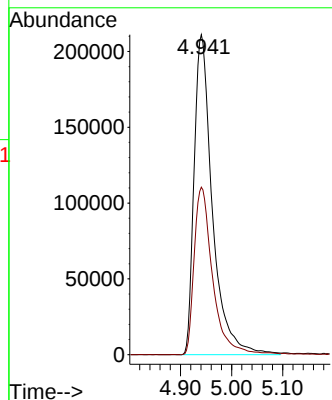
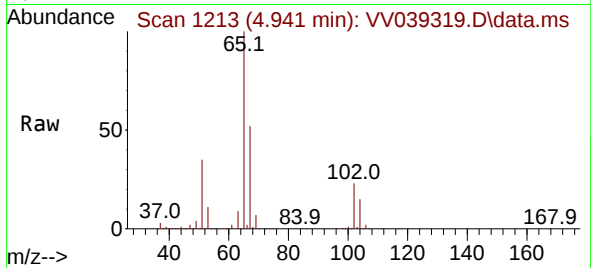
#33
1,2-Dichloroethane-d4
Concen: 59.835 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Tgt Ion: 65 Resp: 52426
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.4

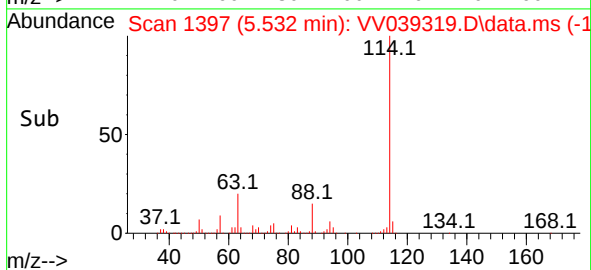
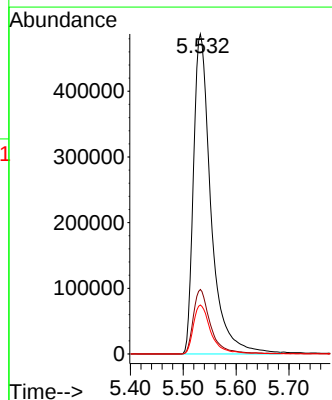
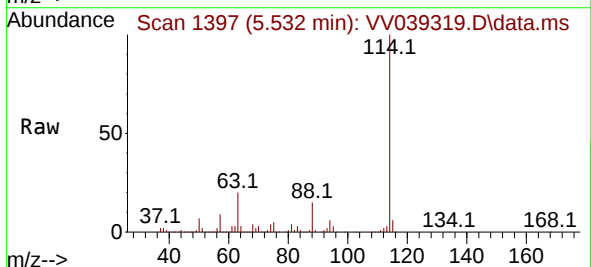
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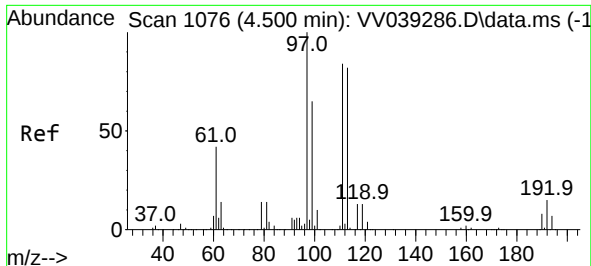
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

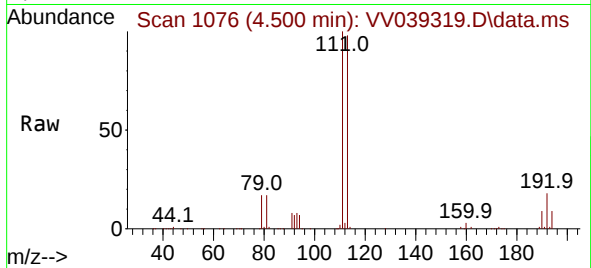
Tgt Ion:114 Resp: 1121740
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 15.3 0.0 31.6





#35
Dibromofluoromethane
Concen: 51.319 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

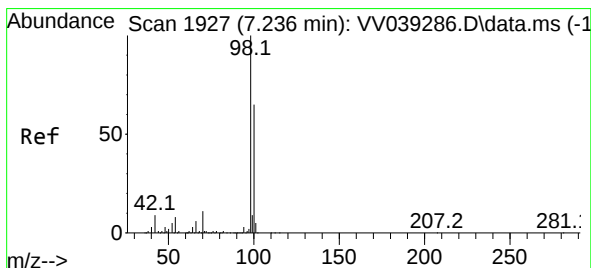
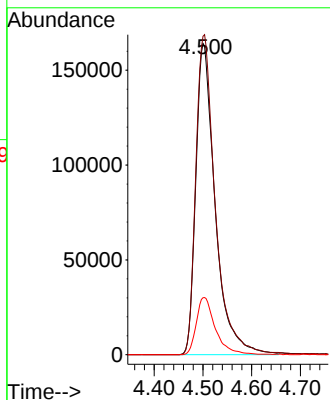
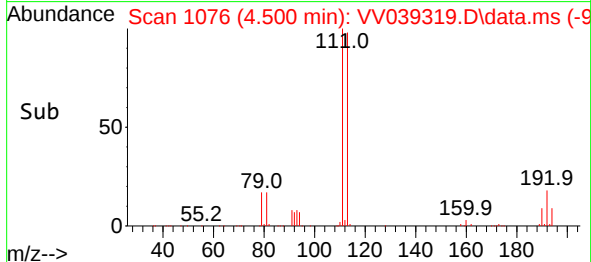
Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2



Tgt Ion:113 Resp: 45358
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.1 14.3 21.5

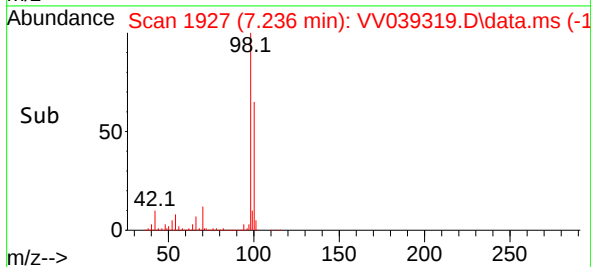
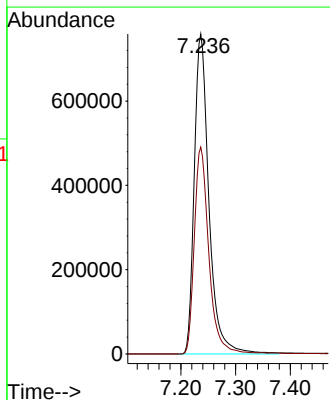
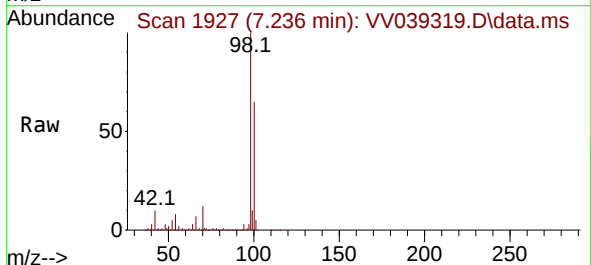
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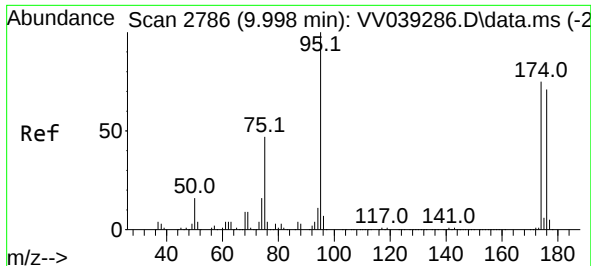
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#50
Toluene-d8
Concen: 46.909 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

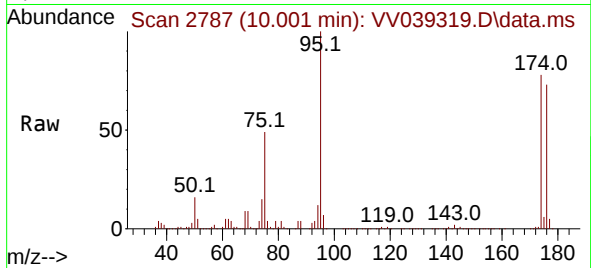
Tgt Ion: 98 Resp: 1410464
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2





#62
 4-Bromofluorobenzene
 Concen: 45.579 ug/l
 RT: 10.001 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039319.D
 Acq: 04 Nov 2025 17:02

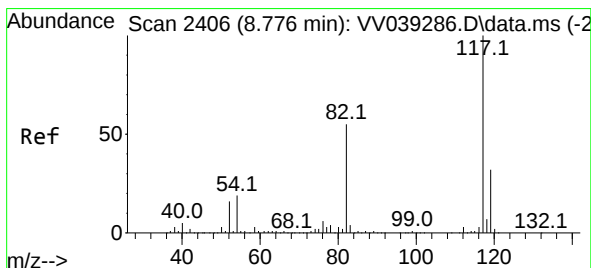
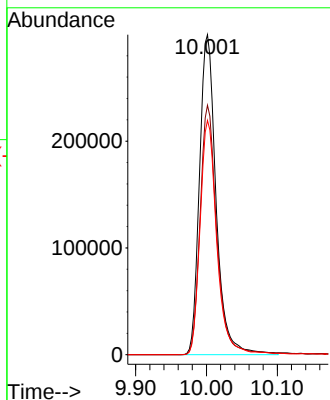
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-EB-2



Tgt Ion: 95 Resp: 488084
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 153.6
 176 73.7 0.0 146.0

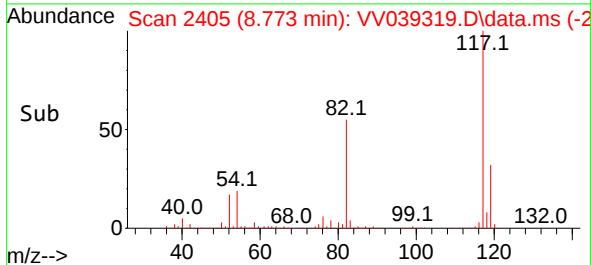
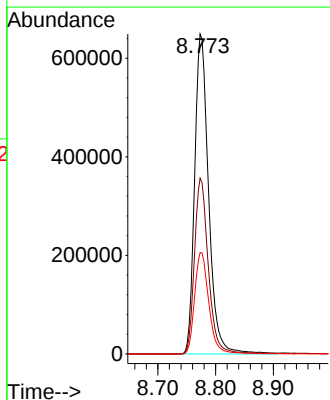
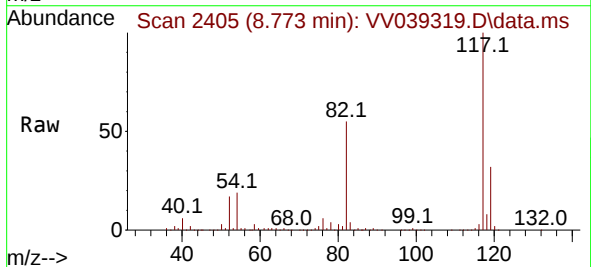
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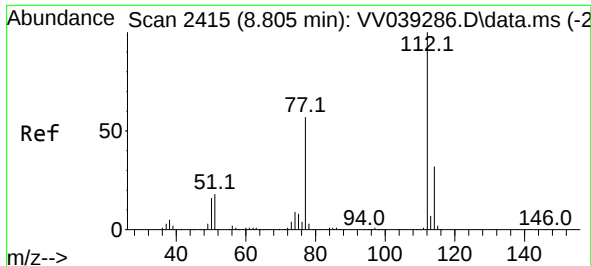
Reviewed By :Amit Patel 11/05/2025
 Supervised By :Mahesh Dadoda 11/05/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 8.773 min Scan# 2405
 Delta R.T. -0.003 min
 Lab File: VV039319.D
 Acq: 04 Nov 2025 17:02

Tgt Ion:117 Resp: 1092486
 Ion Ratio Lower Upper
 117 100
 82 55.0 43.8 65.8
 119 31.7 25.8 38.6





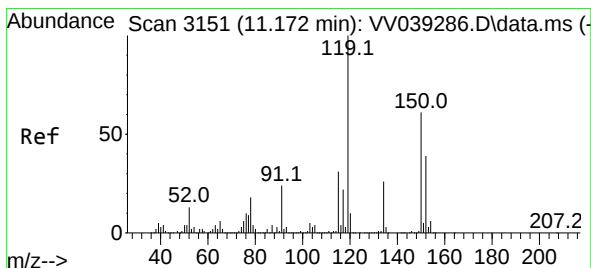
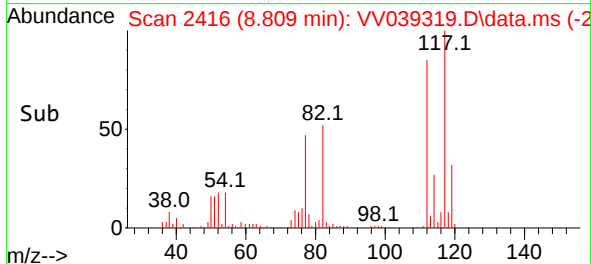
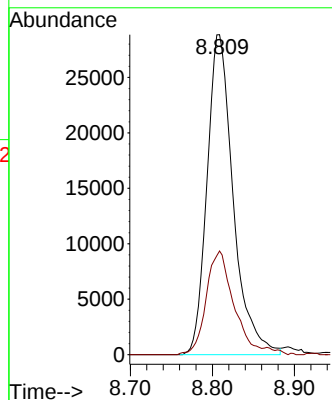
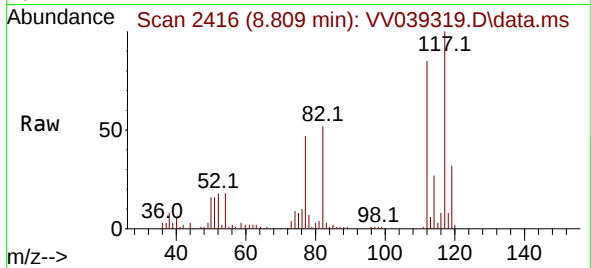
#65
Chlorobenzene
Concen: 2.473 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

Instrument :
MSVOA_V
ClientSampleId :
MW-EB-2

Tgt Ion:112 Resp: 6397
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

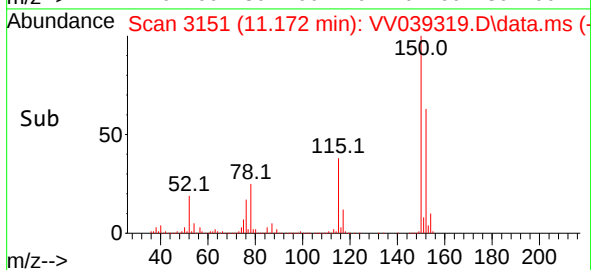
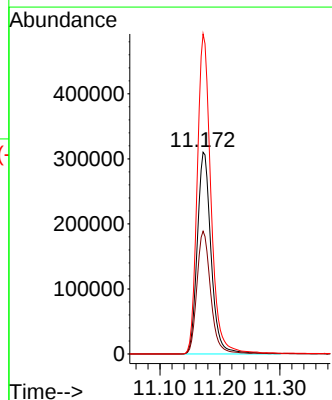
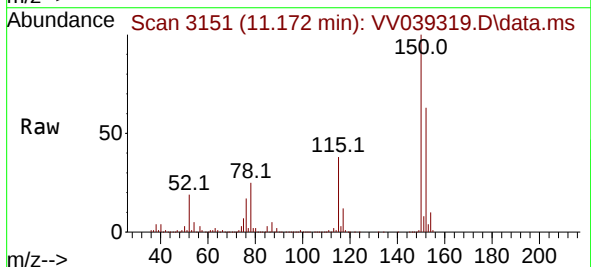
Manual Integrations
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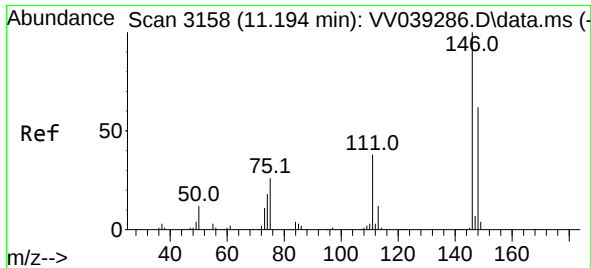
Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039319.D
Acq: 04 Nov 2025 17:02

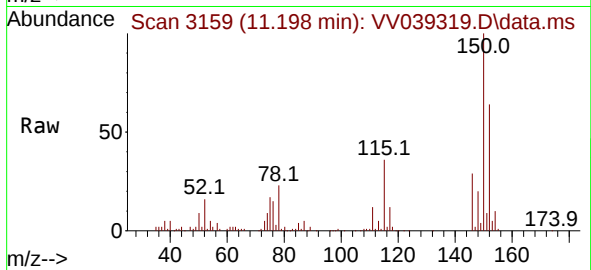
Tgt Ion:152 Resp: 497981
Ion Ratio Lower Upper
152 100
115 60.9 42.3 126.8
150 157.1 0.0 348.0





#88
 1,4-Dichlorobenzene
 Concen: 1.623 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.003 min
 Lab File: VV039319.D
 Acq: 04 Nov 2025 17:02

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-EB-2



Tgt Ion:146 Resp: 30118
 Ion Ratio Lower Upper
 146 100
 111 61.7 19.7 59.0
 148 73.9 31.5 94.5

Manual Integrations
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