

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042153.D
 Acq On : 17 Mar 2025 12:20
 Operator : SY/MD
 Sample : CAN 10326
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10326

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:23:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	162983	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	383368	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	317445	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	242244	9.919	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
15) Acetone	1.845	43	7411	0.515	ppbv	91
20) Methylene Chloride	2.072	84	1132	0.208	ppbv #	72
52) Tetrachloroethene	8.254	164	1352m	0.098	ppbv	

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

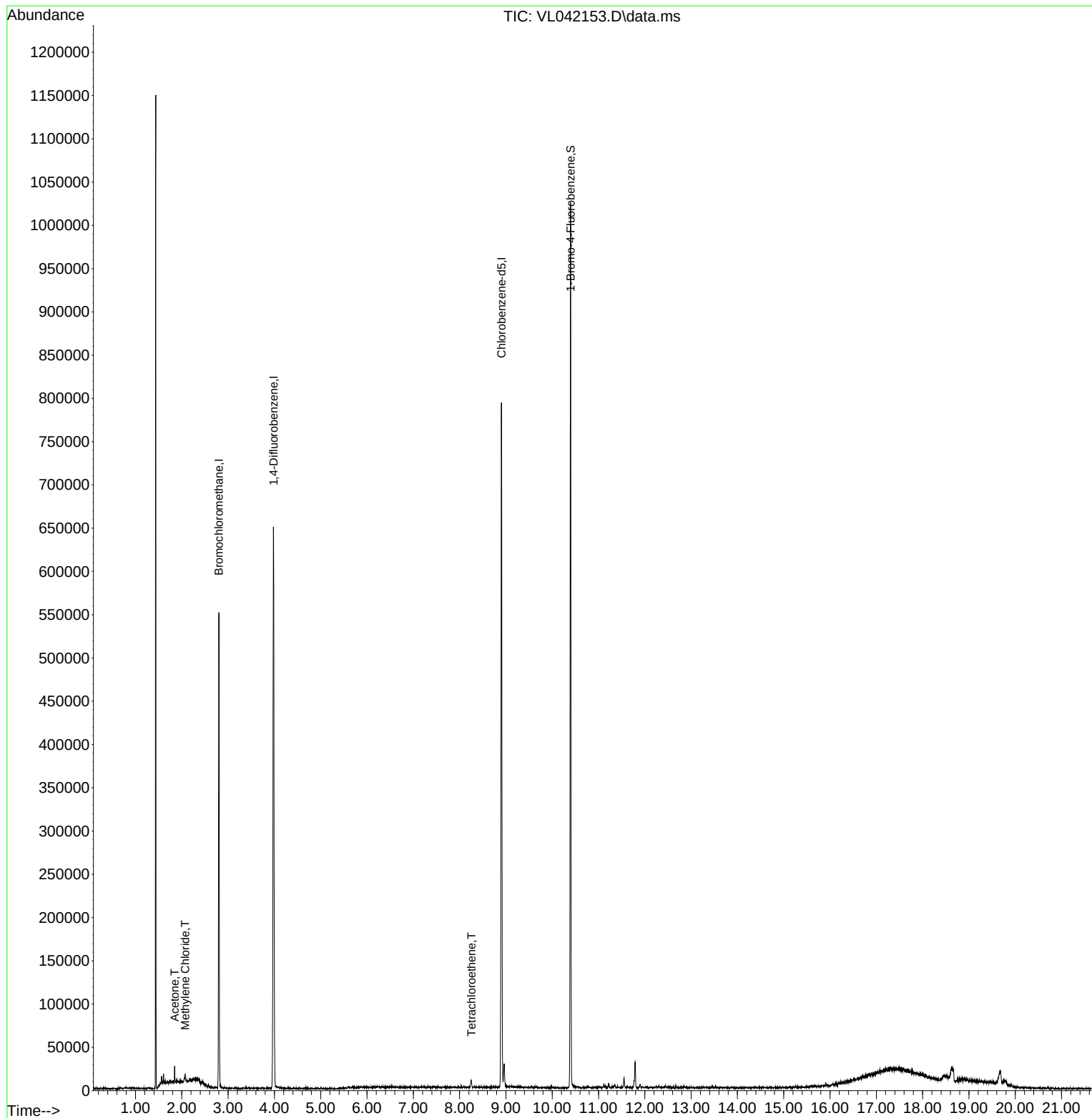
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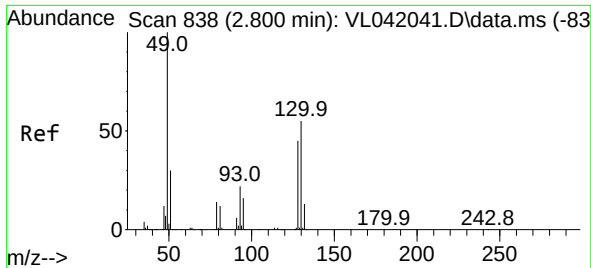
Instrument :
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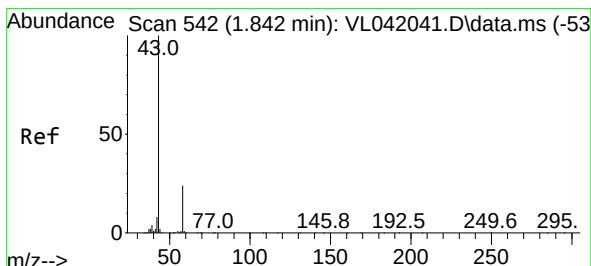
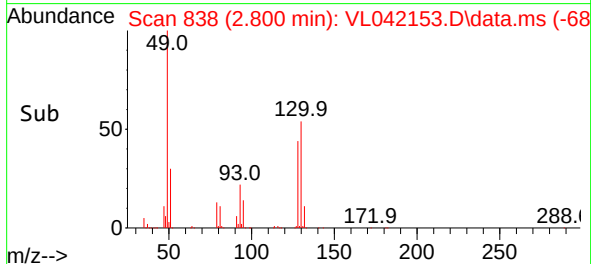
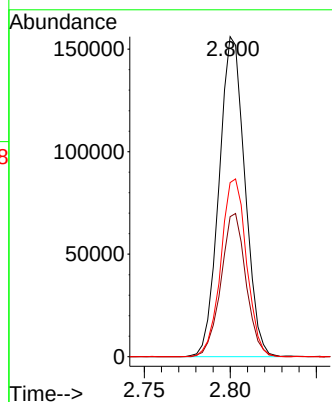
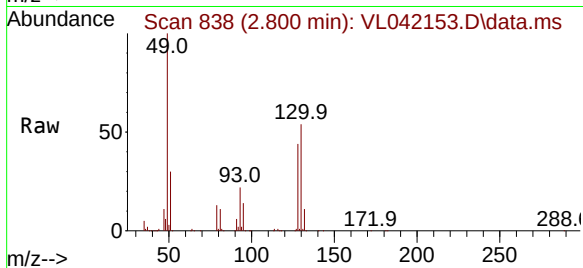
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 49 Resp: 16298
Ion Ratio Lower Upper
49 100
128 43.4 21.6 64.8
130 55.1 27.8 83.4

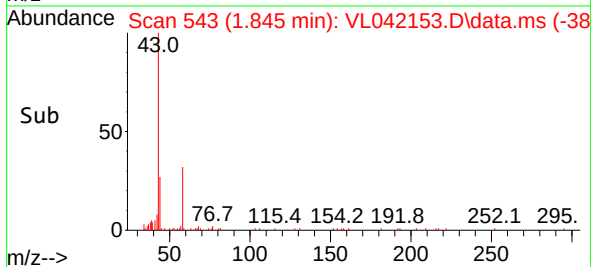
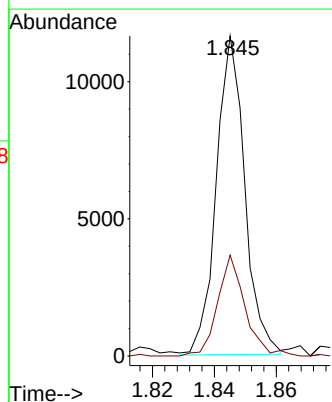
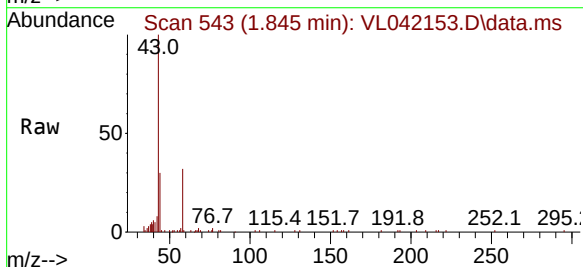
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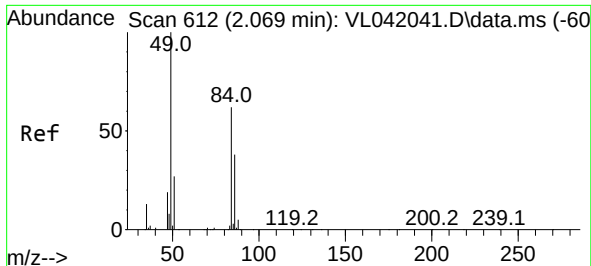
Reviewed By :Semsettin Yesilyurt 03/18/2025
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#15
Acetone
Concen: 0.515 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

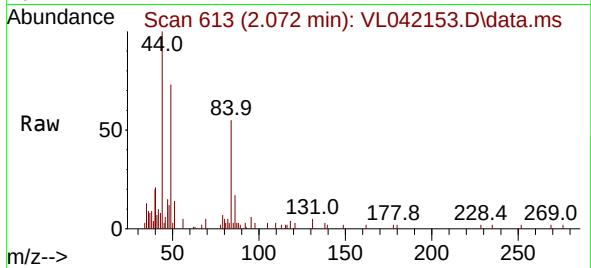
Tgt Ion: 43 Resp: 7411
Ion Ratio Lower Upper
43 100
58 30.5 20.7 31.1





#20
Methylene Chloride
Concen: 0.208 ppbv
RT: 2.072 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

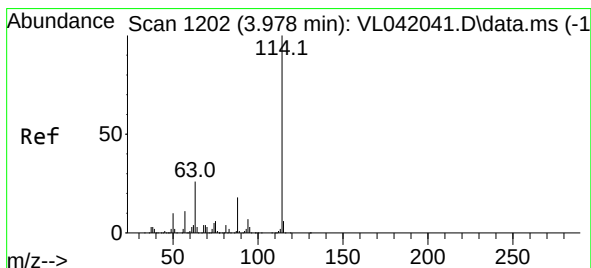
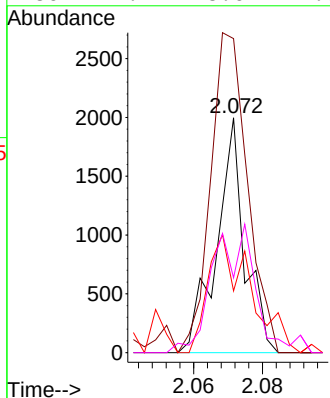
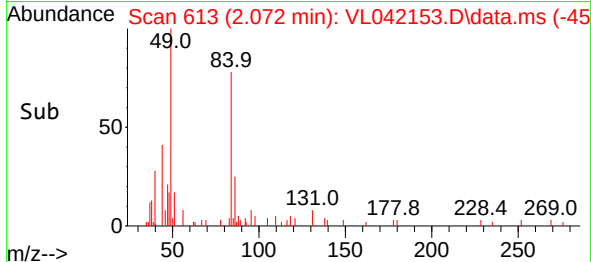
Instrument :
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ClientSampleId :
CAN 10326



Tgt Ion: 84 Resp: 1132
Ion Ratio Lower Upper
84 100
49 133.8 130.0 195.0
51 26.3 37.4 56.0
86 27.9 48.6 72.8#

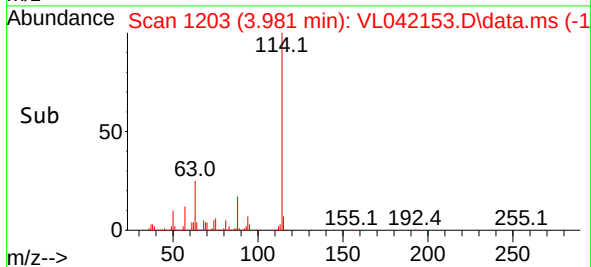
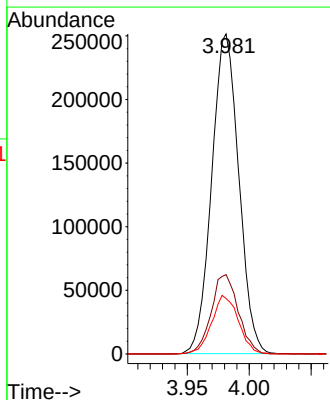
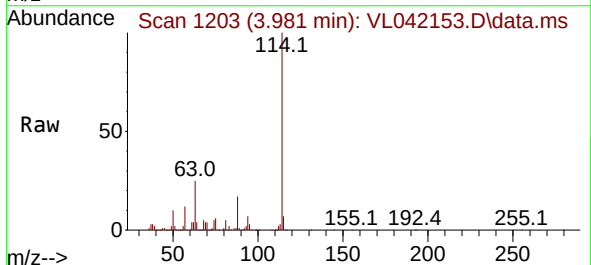
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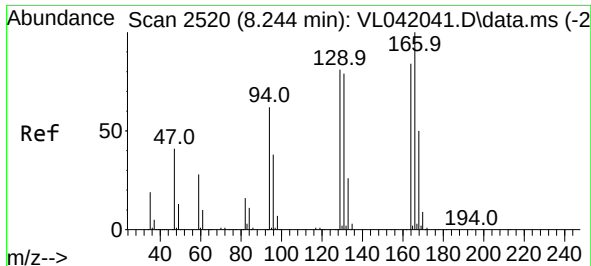
Reviewed By :Semsettin Yesilyurt 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1203
Delta R.T. 0.003 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

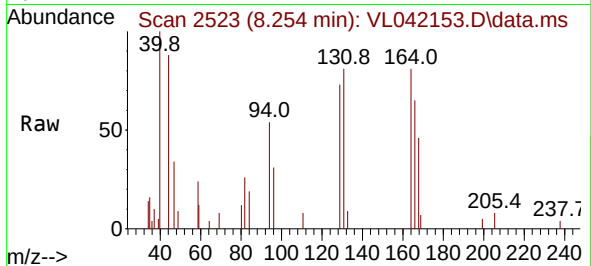
Tgt Ion:114 Resp: 383368
Ion Ratio Lower Upper
114 100
63 24.9 20.1 30.1
88 18.1 14.3 21.5





#52
Tetrachloroethene
Concen: 0.098 ppbv m
RT: 8.254 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

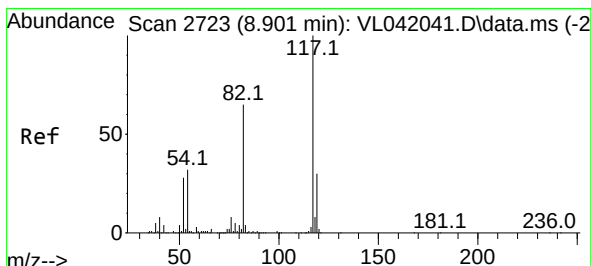
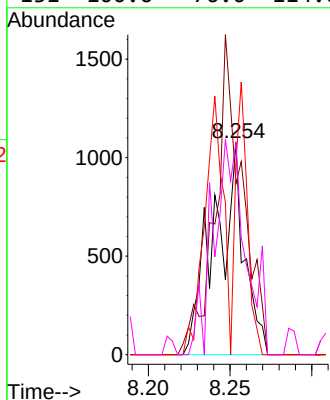
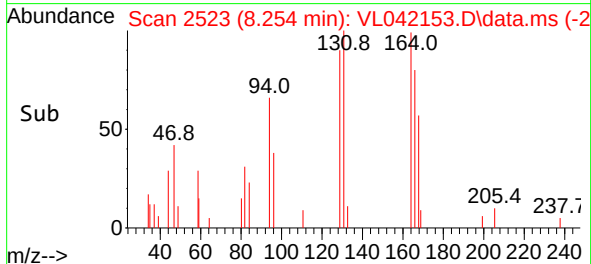
Instrument :
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Tgt Ion:164 Resp: 1352
Ion Ratio Lower Upper
164 100
166 80.7 95.7 143.5
129 90.7 77.1 115.7
131 100.6 76.0 114.0

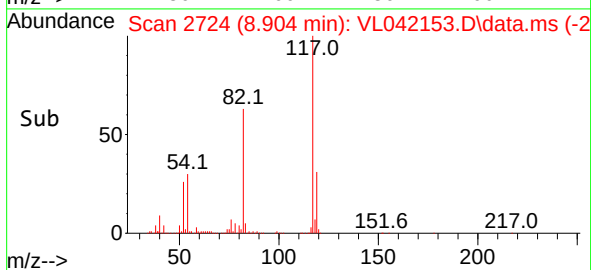
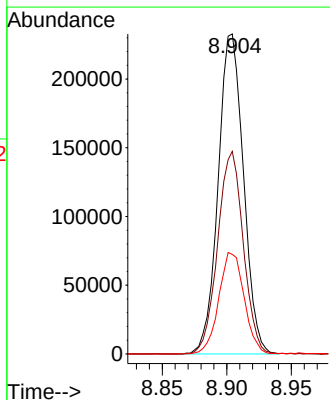
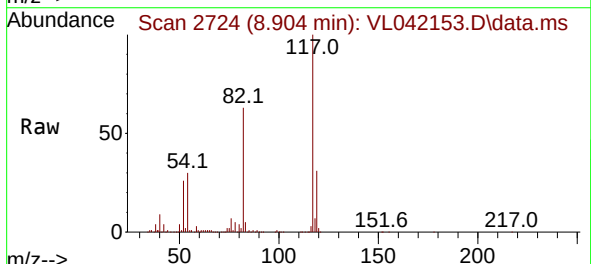
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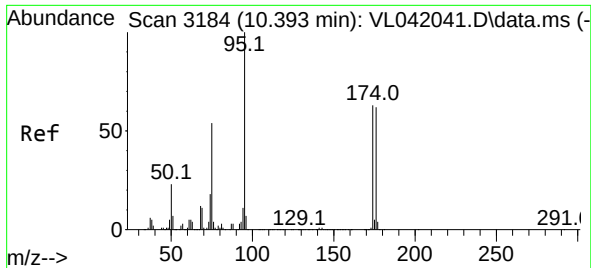
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Supervised By :Mahesh Dadoda 03/18/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VL042153.D
Acq: 17 Mar 2025 12:20

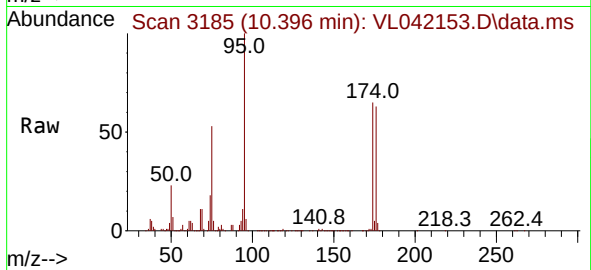
Tgt Ion:117 Resp: 317445
Ion Ratio Lower Upper
117 100
82 64.2 55.0 82.6
119 32.1 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.919 ppbv
 RT: 10.396 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL042153.D
 Acq: 17 Mar 2025 12:20

Instrument :
 MSVOA_L
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Tgt Ion: 95 Resp: 242244
 Ion Ratio Lower Upper
 95 100
 174 64.5 51.8 77.6
 175 4.5 3.9 5.9

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