

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042080.D
 Acq On : 03 Mar 2025 16:53
 Operator : SY/MD
 Sample : Q1430-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 00:19:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.787	49	163892	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	363295	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	301214	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	219869	9.488	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%
Target Compounds						
					Qvalue	
15) Acetone	1.839	43	7593	0.525	ppbv #	76
34) 2-Butanone	2.560	43	20729	0.732	ppbv	94
52) Tetrachloroethene	8.221	164	1567m	0.120	ppbv	

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

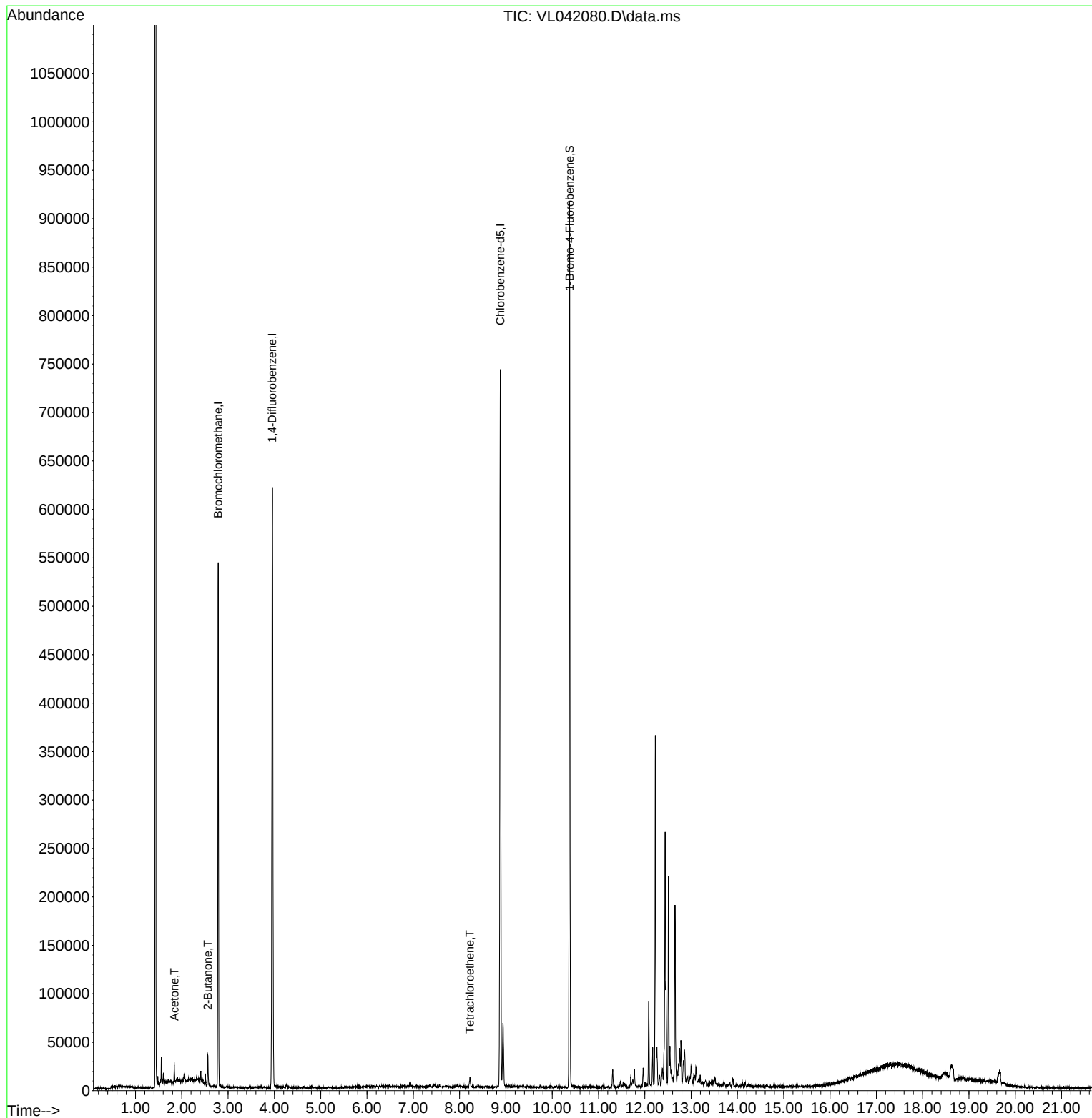
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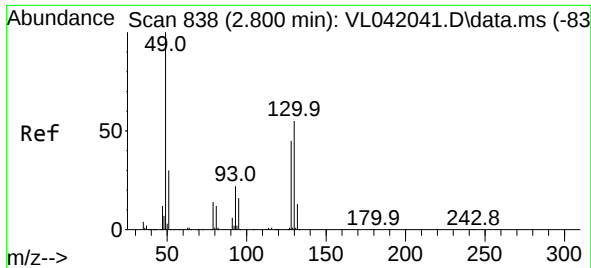
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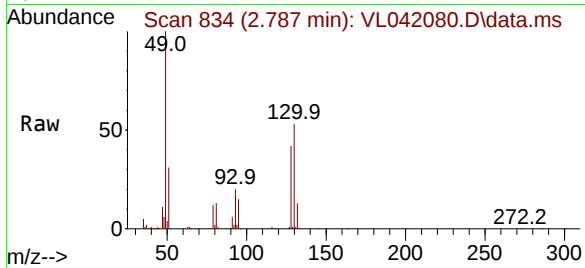
Quant Time: Mar 04 00:19:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042080.D
Acq: 03 Mar 2025 16:53

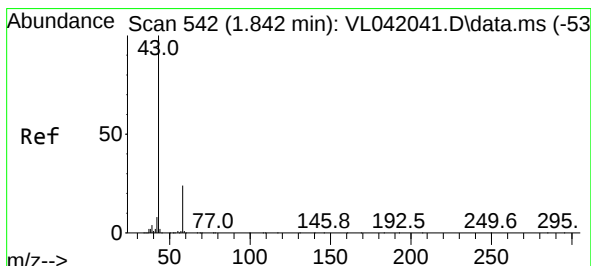
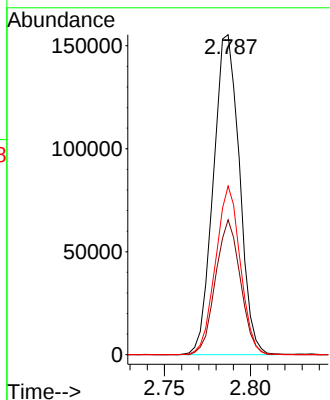
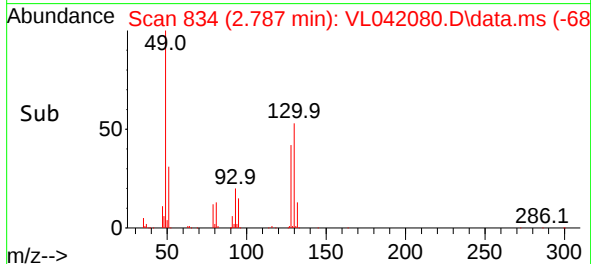
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



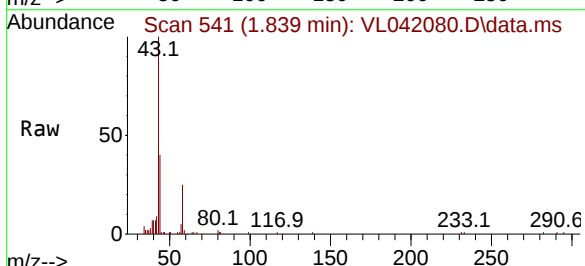
Tgt Ion: 49 Resp: 16389
Ion Ratio Lower Upper
49 100
128 40.3 21.6 64.8
130 49.9 27.8 83.4

Manual Integrations
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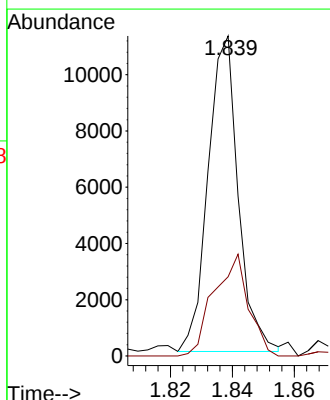
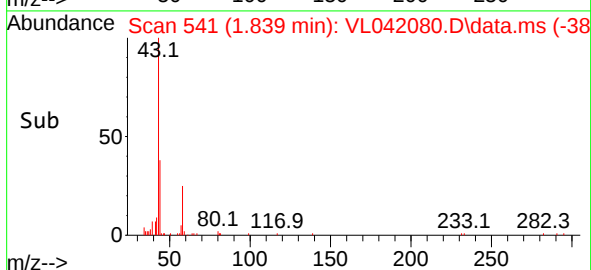
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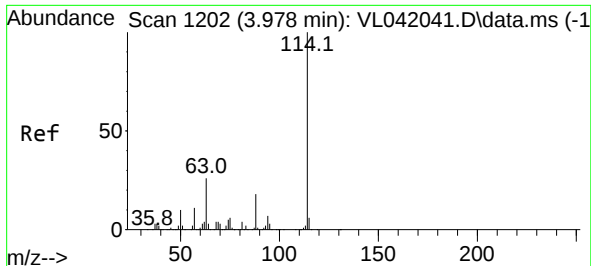


#15
Acetone
Concen: 0.525 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042080.D
Acq: 03 Mar 2025 16:53



Tgt Ion: 43 Resp: 7593
Ion Ratio Lower Upper
43 100
58 38.2 20.7 31.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.023 min

Lab File: VL042080.D

Acq: 03 Mar 2025 16:53

Instrument :

MSVOA_L

ClientSampleId :

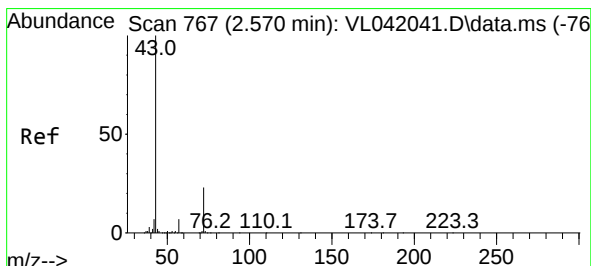
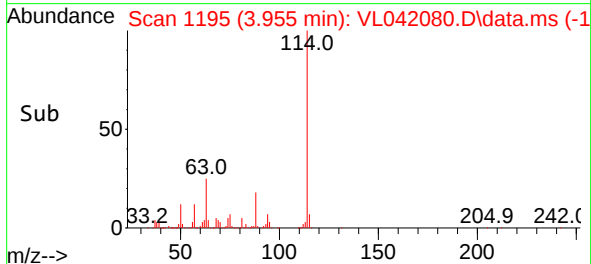
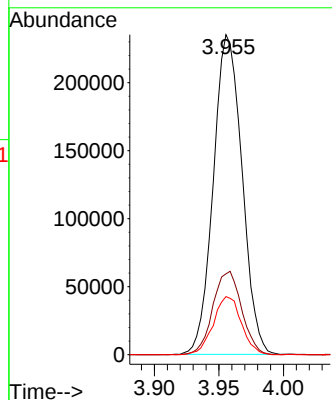
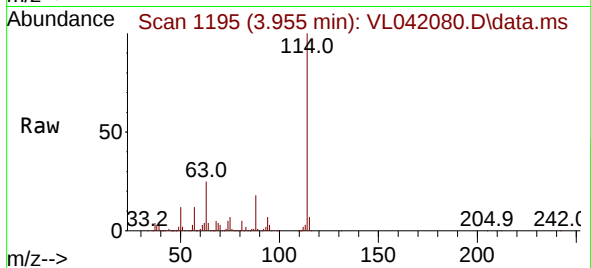
SV3DL

Tgt Ion:114 Resp: 36329
 Ion Ratio Lower Upper
 114 100
 63 26.3 20.1 30.1
 88 17.8 14.3 21.5

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#34

2-Butanone

Concen: 0.732 ppbv

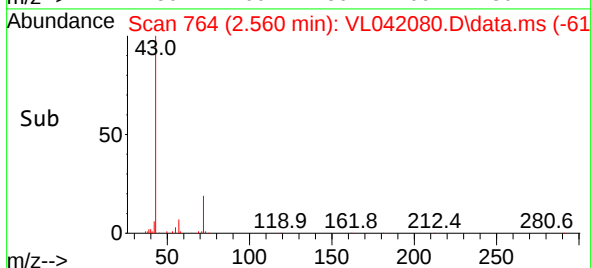
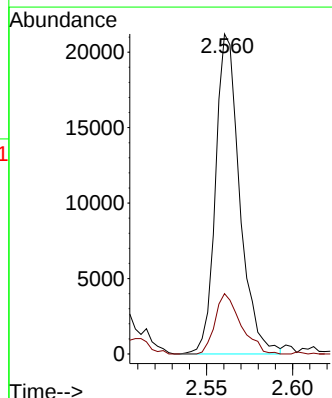
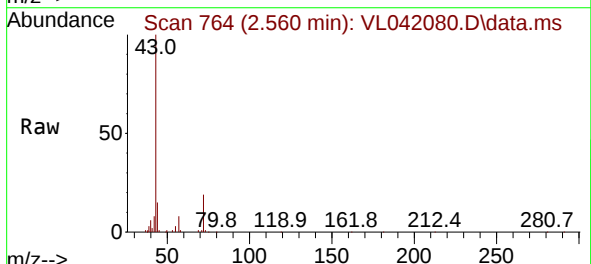
RT: 2.560 min Scan# 764

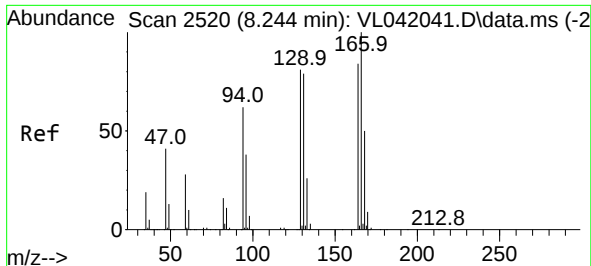
Delta R.T. -0.010 min

Lab File: VL042080.D

Acq: 03 Mar 2025 16:53

Tgt Ion: 43 Resp: 20729
 Ion Ratio Lower Upper
 43 100
 72 20.3 18.5 27.7





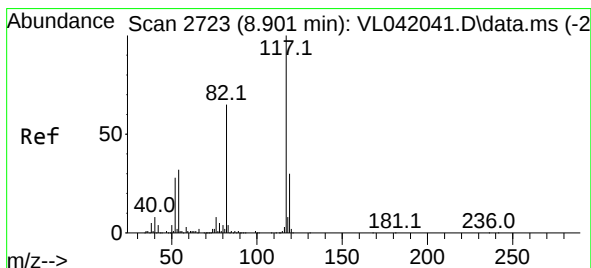
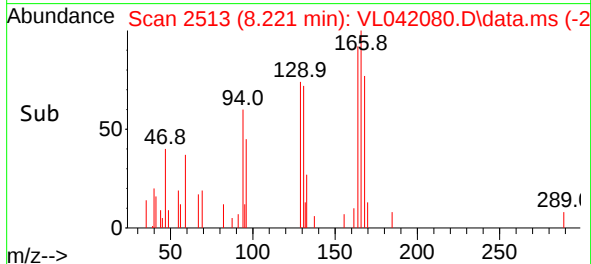
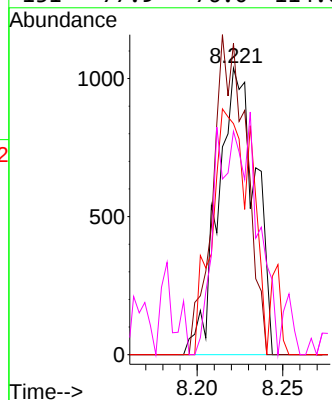
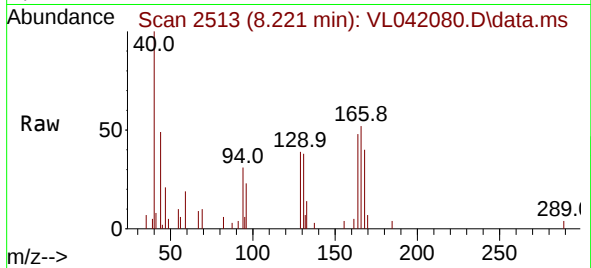
#52
Tetrachloroethene
Concen: 0.120 ppbv m
RT: 8.221 min Scan# 2156
Delta R.T. -0.023 min
Lab File: VL042080.D
Acq: 03 Mar 2025 16:53

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion:164 Resp: 156
Ion Ratio Lower Upper
164 100
166 108.6 95.7 143.5
129 80.6 77.1 115.7
131 77.9 76.0 114.0

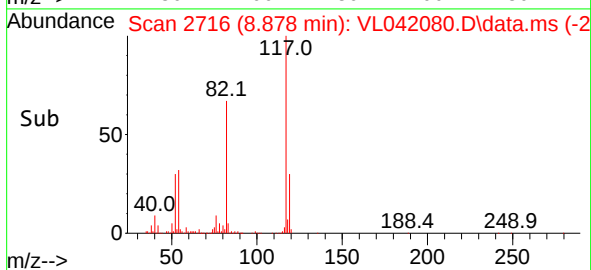
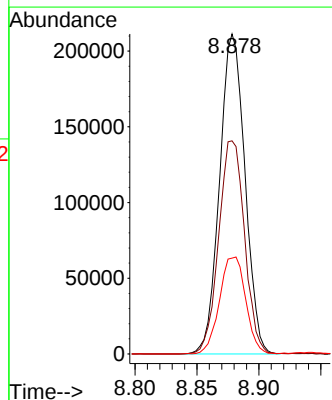
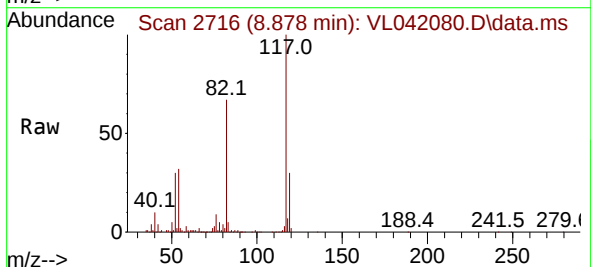
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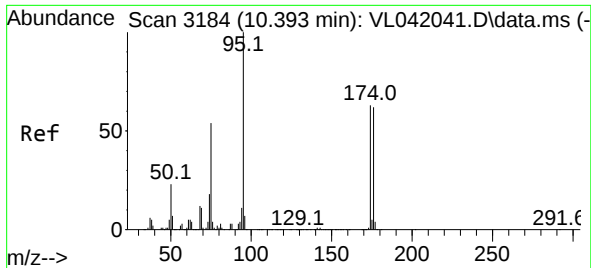
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Supervised By :Mahesh Dadoda 03/05/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.023 min
Lab File: VL042080.D
Acq: 03 Mar 2025 16:53

Tgt Ion:117 Resp: 301214
Ion Ratio Lower Upper
117 100
82 68.1 55.0 82.6
119 31.5 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.488 ppbv
 RT: 10.374 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: VL042080.D
 Acq: 03 Mar 2025 16:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Tgt Ion: 95 Resp: 219869
 Ion Ratio Lower Upper
 95 100
 174 63.1 51.8 77.6
 175 4.4 3.9 5.9

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