

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042258.D
 Acq On : 08 Apr 2025 12:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/10/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 01:54:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.803	49	172280	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.981	114	500228	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	445783	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.396	95	335287	9.159	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.600%
Target Compounds						
					Qvalue	
15) Acetone	1.845	43	4361	0.181	ppbv #	88
59) m/p-Xylene	9.551	91	7021m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	11.555	105	12171	0.153	ppbv #	60

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

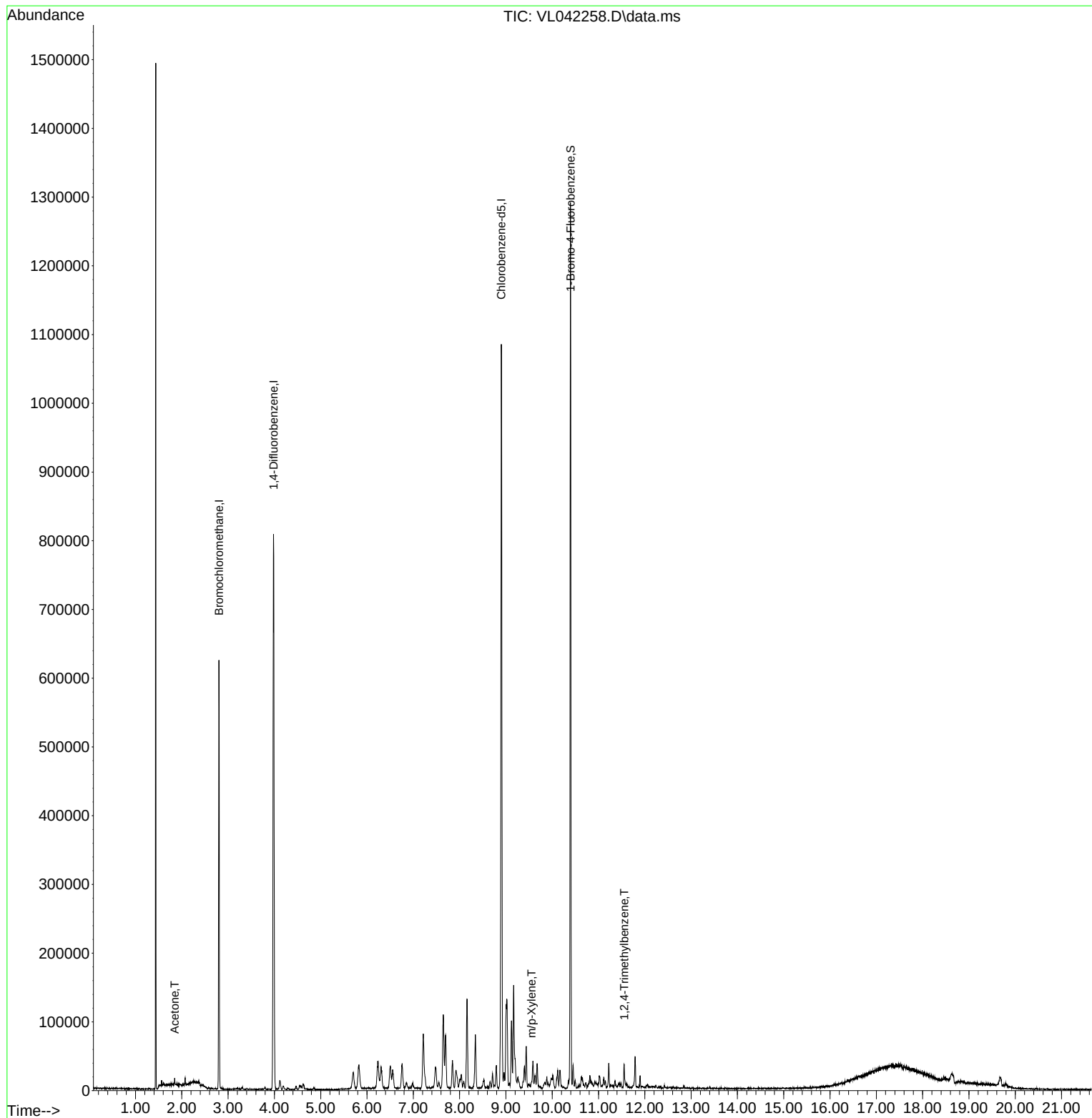
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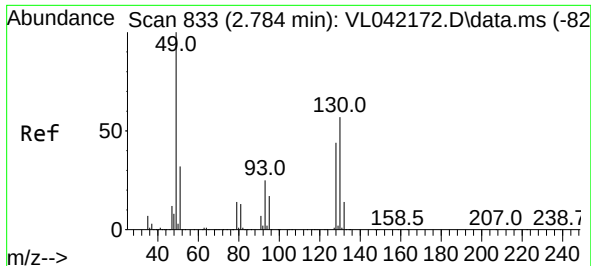
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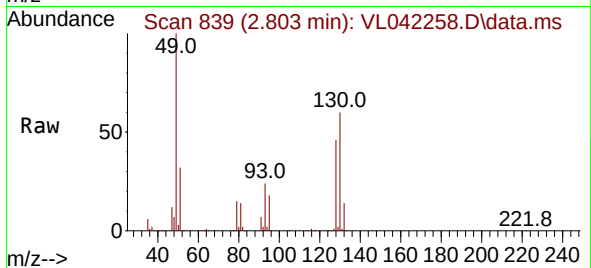
Quant Time: Apr 09 01:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL042258.D
Acq: 08 Apr 2025 12:05

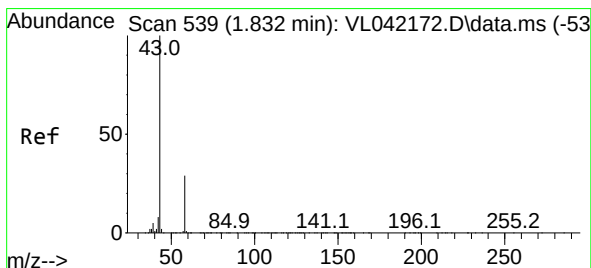
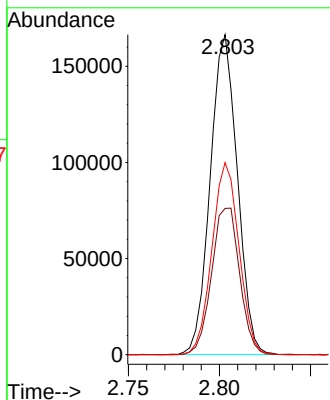
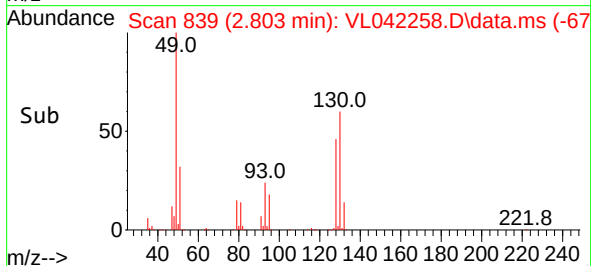
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 172280
Ion Ratio Lower Upper
49 100
128 47.6 22.9 68.5
130 59.9 28.8 86.4

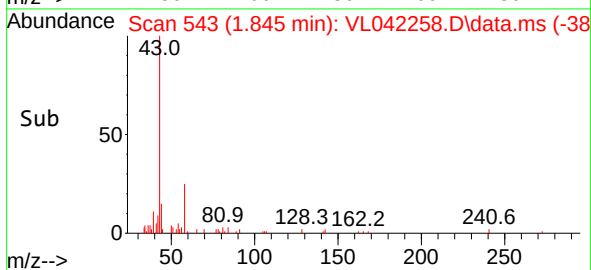
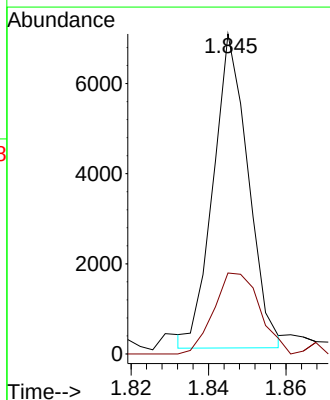
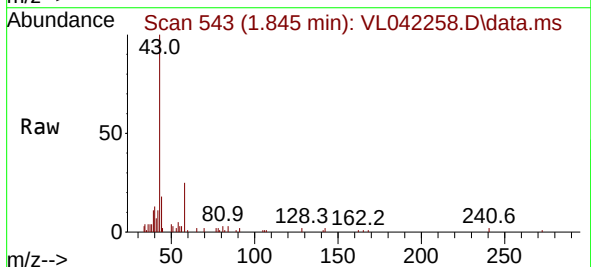
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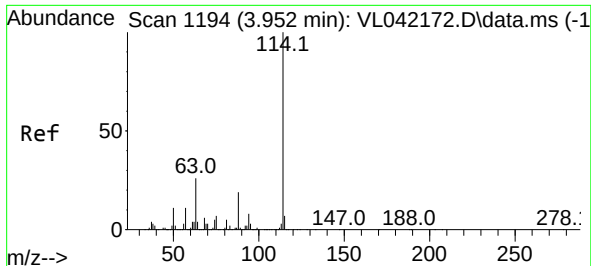
Reviewed By :Mahesh Dadoda 04/10/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#15
Acetone
Concen: 0.181 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042258.D
Acq: 08 Apr 2025 12:05

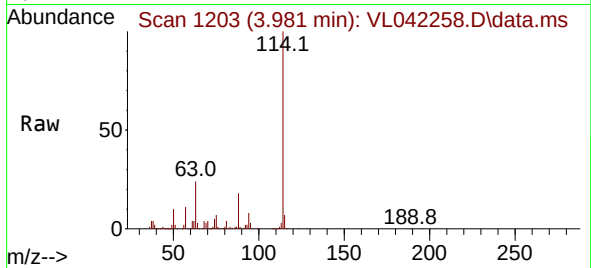
Tgt Ion: 43 Resp: 4361
Ion Ratio Lower Upper
43 100
58 35.3 23.2 34.8#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1194
Delta R.T. 0.029 min
Lab File: VL042258.D
Acq: 08 Apr 2025 12:05

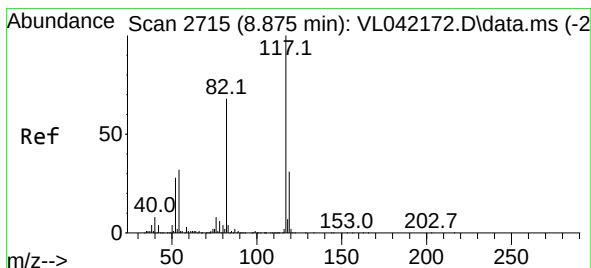
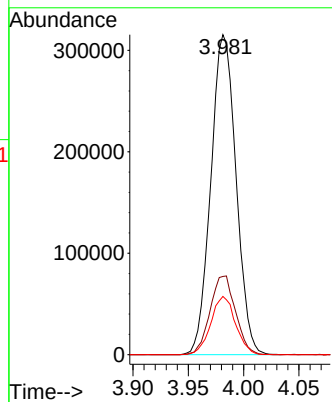
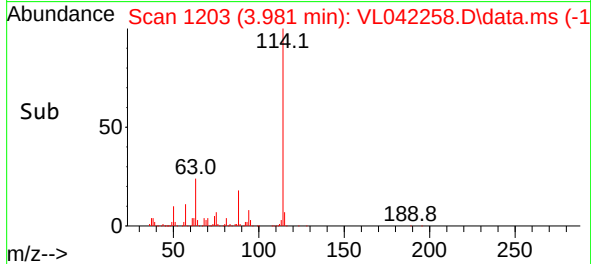
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion:114 Resp: 500228
Ion Ratio Lower Upper
114 100
63 24.8 20.7 31.1
88 17.8 15.0 22.4

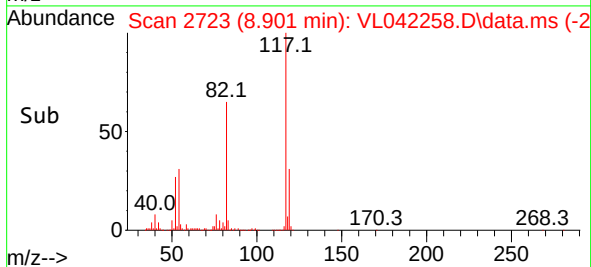
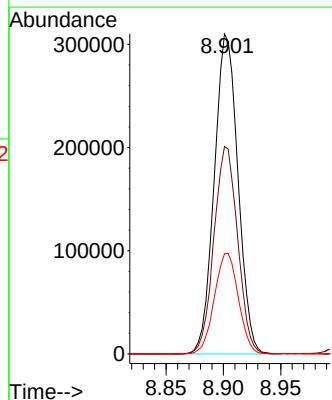
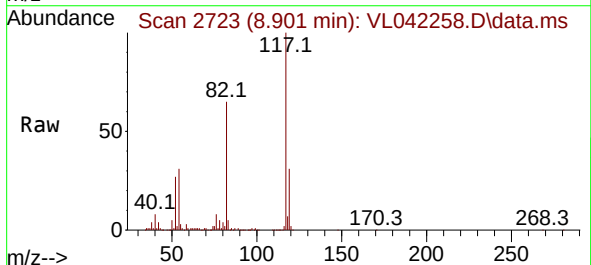
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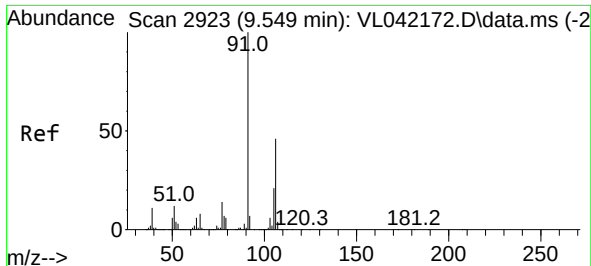
Reviewed By :Mahesh Dadoda 04/10/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2723
Delta R.T. 0.026 min
Lab File: VL042258.D
Acq: 08 Apr 2025 12:05

Tgt Ion:117 Resp: 445783
Ion Ratio Lower Upper
117 100
82 64.9 55.8 83.6
119 31.9 25.5 38.3





#59

m/p-Xylene

Concen: 0.111 ppbv m

RT: 9.551 min Scan# 2923

Delta R.T. 0.003 min

Lab File: VL042258.D

Acq: 08 Apr 2025 12:05

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion: 91 Resp: 702

Ion Ratio Lower Upper

91 100

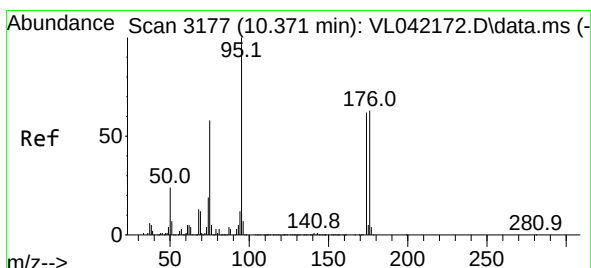
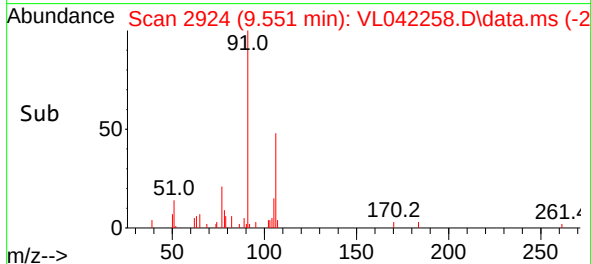
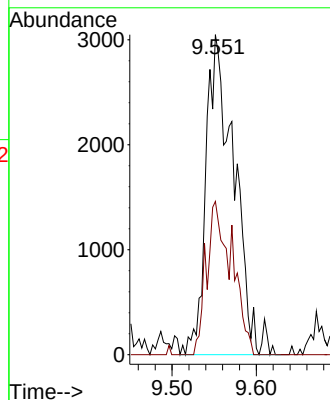
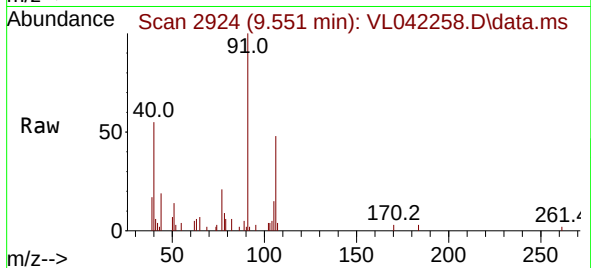
106 0.0 36.4 54.6

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.159 ppbv

RT: 10.396 min Scan# 3185

Delta R.T. 0.026 min

Lab File: VL042258.D

Acq: 08 Apr 2025 12:05

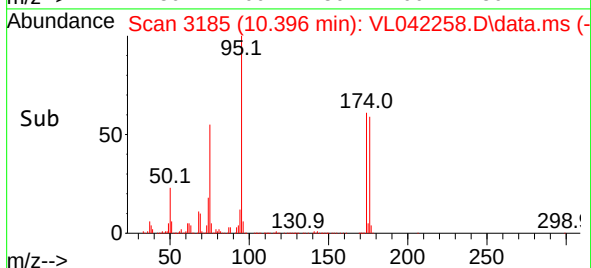
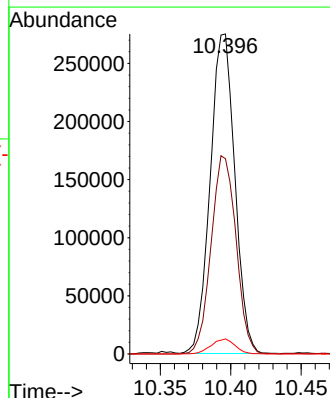
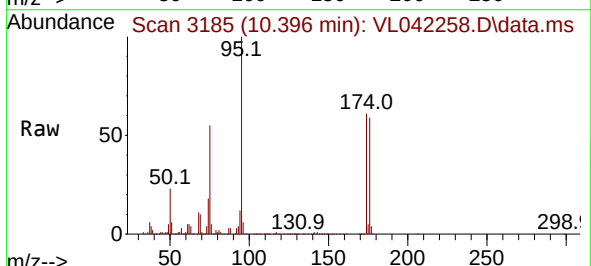
Tgt Ion: 95 Resp: 335287

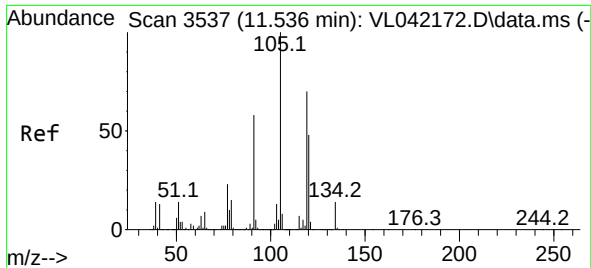
Ion Ratio Lower Upper

95 100

174 63.1 50.6 76.0

175 4.6 3.8 5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.153 ppbv
RT: 11.555 min Scan# 3543
Delta R.T. 0.019 min
Lab File: VL042258.D
Acq: 08 Apr 2025 12:05

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:	105	Resp:	1217
Ion Ratio	Lower	Upper	
105	100		
120	33.7	38.6	58.0
91	12.9	46.2	69.2
77	10.5	18.6	27.8

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