

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042262.D
 Acq On : 08 Apr 2025 14:22
 Operator : SY/MD
 Sample : Q1728-07 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-1-04012025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 01:55:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.804	49	169273	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.982	114	465061	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.901	117	397048	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	305487	9.369	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.700%
Target Compounds						
						Qvalue
15) Acetone	1.845	43	9971	0.421	ppbv	98
53) Toluene	6.959	91	18494	0.338	ppbv	96
59) m/p-Xylene	9.545	91	7450m	0.132	ppbv	

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

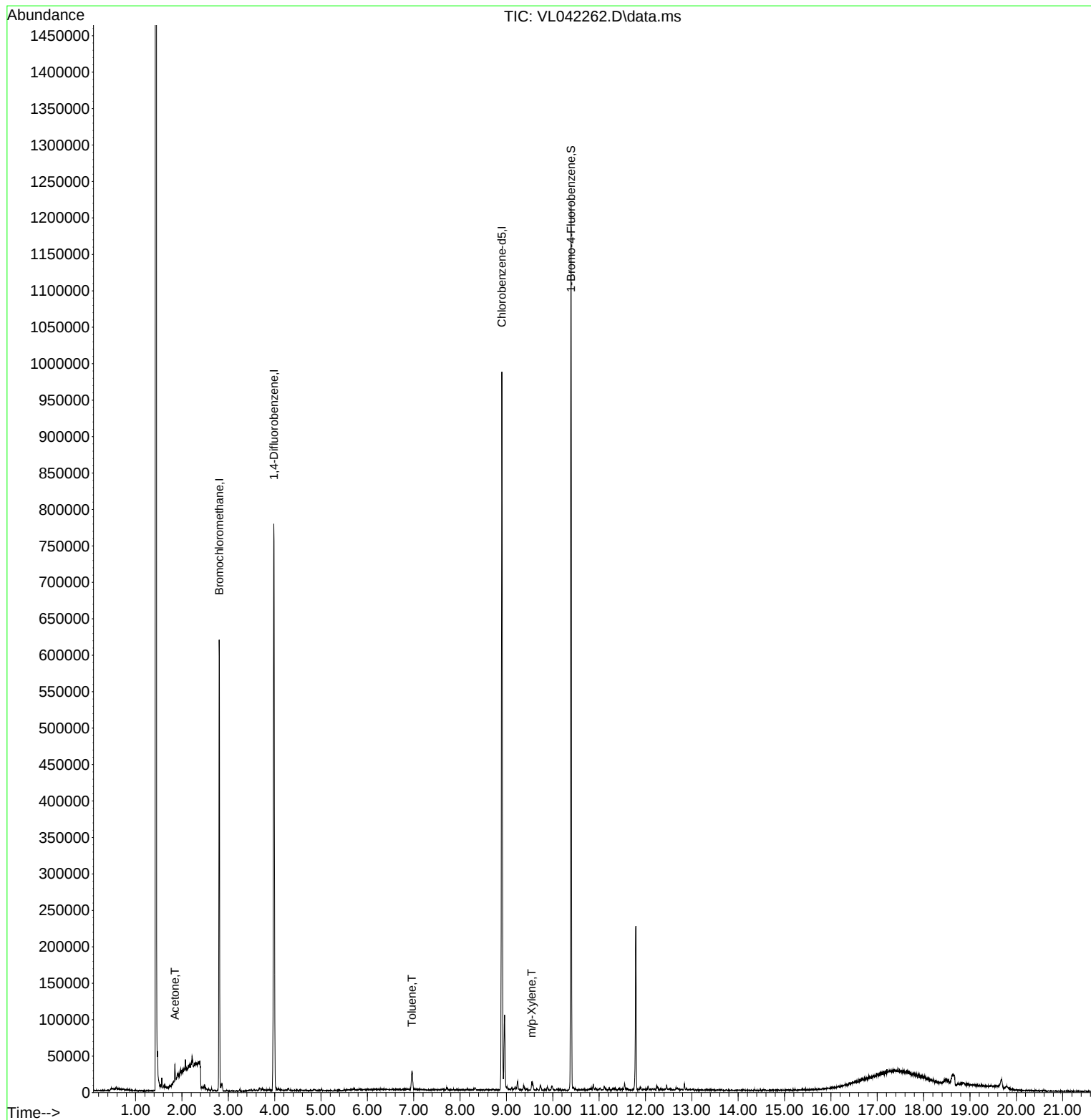
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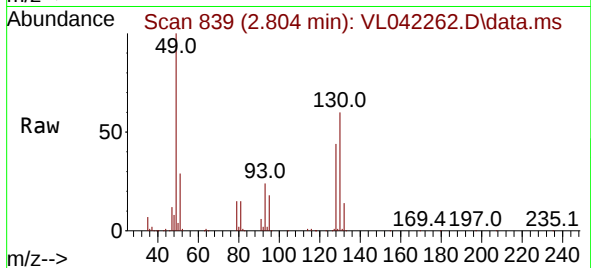
Reviewed By :Mahesh Dadoda 04/09/2025
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.804 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL042262.D
Acq: 08 Apr 2025 14:22

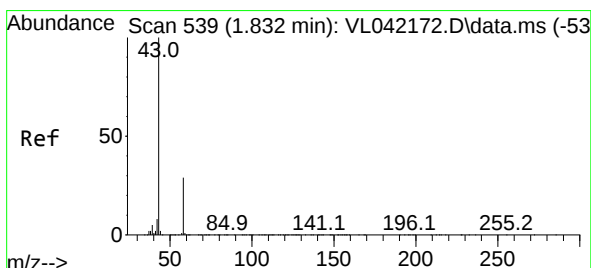
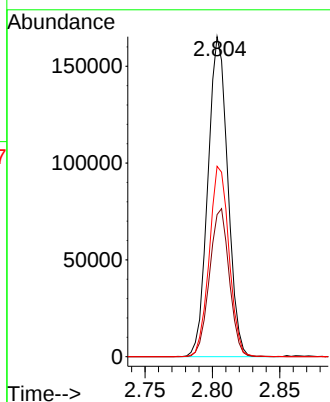
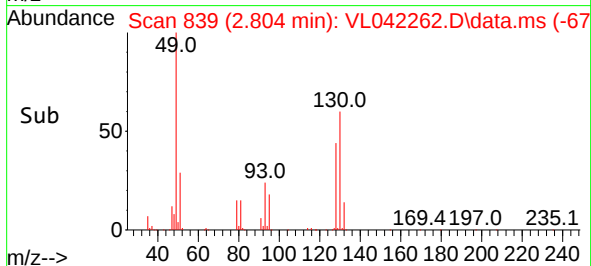
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-1-04012025



Tgt Ion: 49 Resp: 16927
Ion Ratio Lower Upper
49 100
128 45.9 22.9 68.5
130 59.3 28.8 86.4

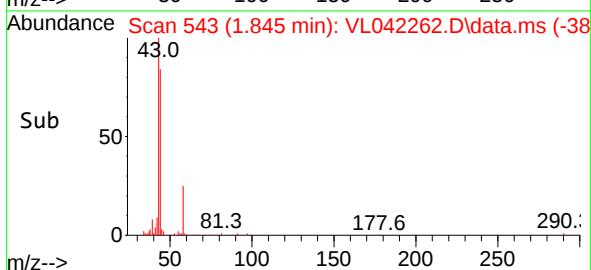
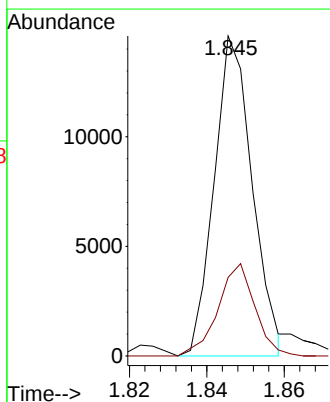
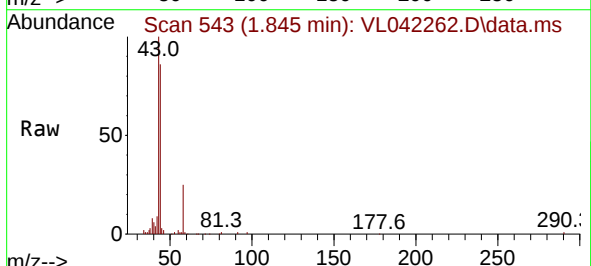
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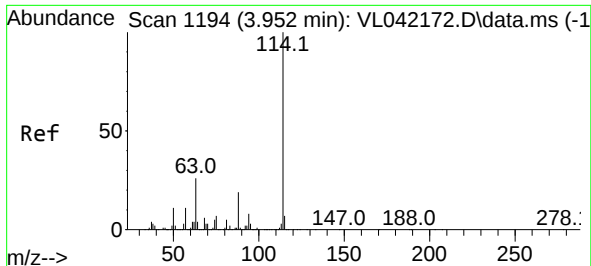
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#15
Acetone
Concen: 0.421 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.013 min
Lab File: VL042262.D
Acq: 08 Apr 2025 14:22

Tgt Ion: 43 Resp: 9971
Ion Ratio Lower Upper
43 100
58 28.0 23.2 34.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.982 min Scan# 1194

Delta R.T. 0.029 min

Lab File: VL042262.D

Acq: 08 Apr 2025 14:22

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B1-1-04012025

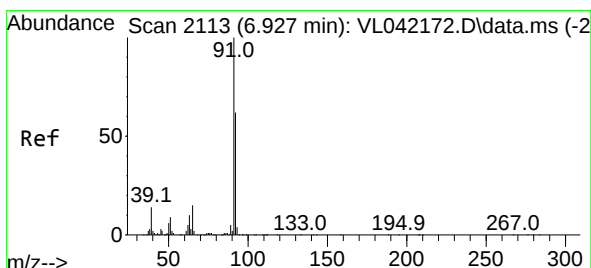
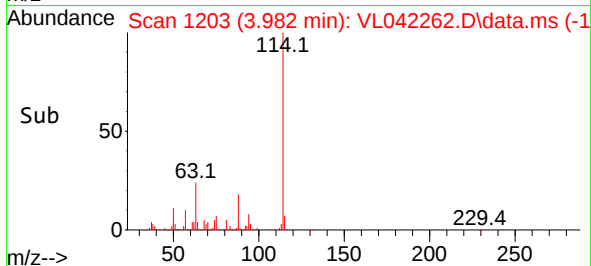
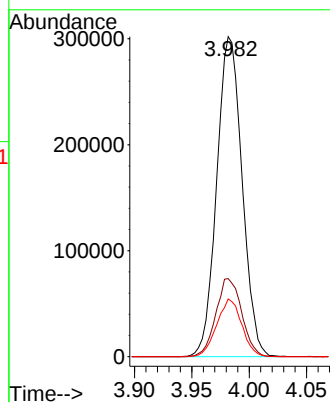
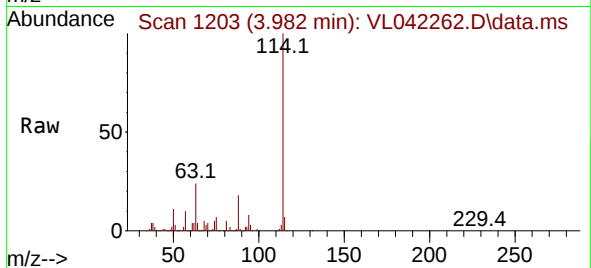
Tgt Ion: 114 Resp: 46506

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.7	31.1
88	17.7	15.0	22.4

Manual Integrations

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#53

Toluene

Concen: 0.338 ppbv

RT: 6.959 min Scan# 2123

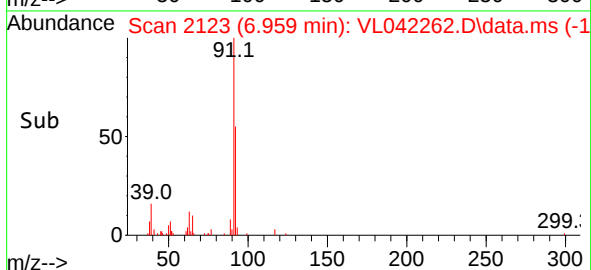
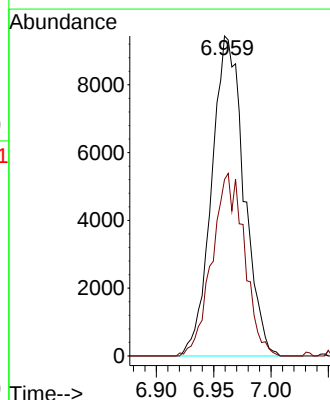
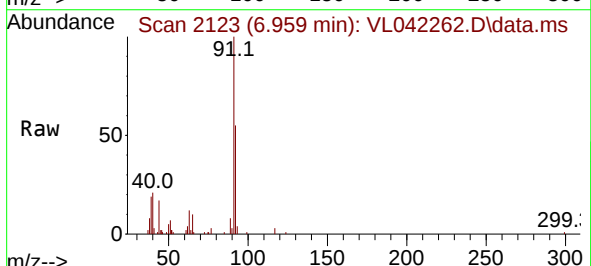
Delta R.T. 0.033 min

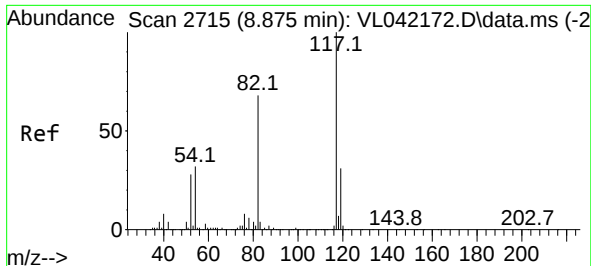
Lab File: VL042262.D

Acq: 08 Apr 2025 14:22

Tgt Ion: 91 Resp: 18494

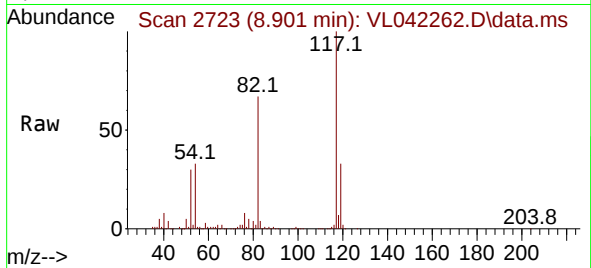
Ion	Ratio	Lower	Upper
91	100		
92	57.3	48.4	72.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL042262.D
Acq: 08 Apr 2025 14:22

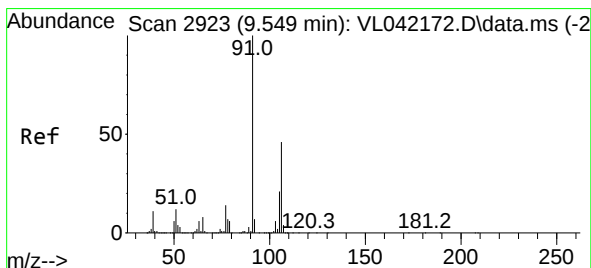
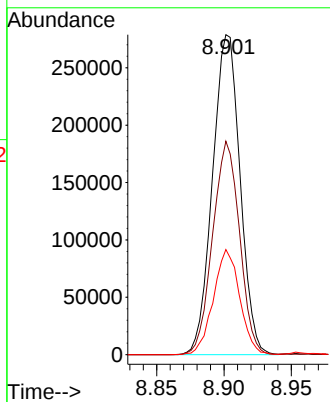
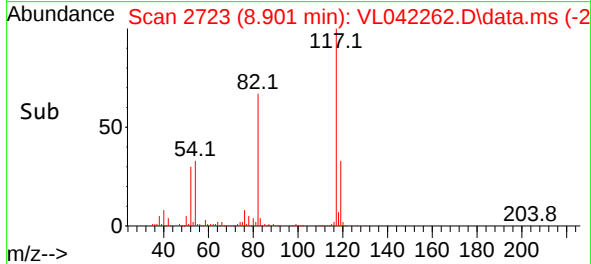
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-1-04012025



Tgt Ion: 117 Resp: 397048
Ion Ratio Lower Upper
117 100
82 65.4 55.8 83.6
119 31.5 25.5 38.3

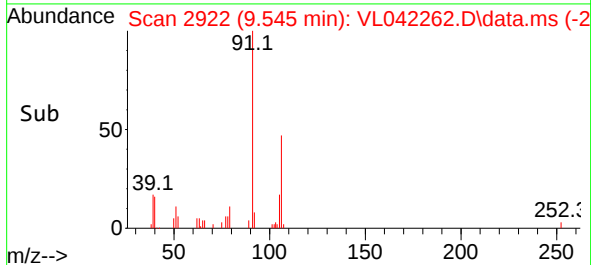
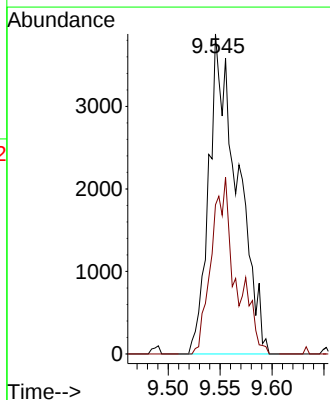
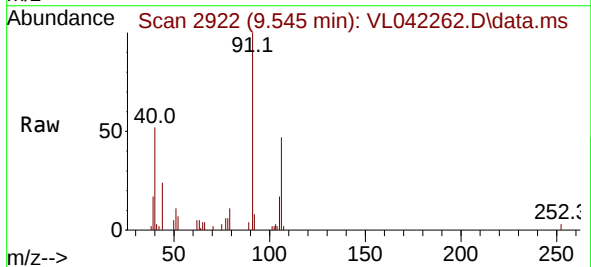
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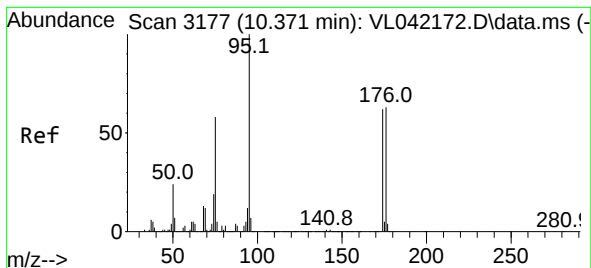
Reviewed By :Mahesh Dadoda 04/09/2025
Supervised By :Semsettin Yesilyurt 04/10/2025



#59
m/p-Xylene
Concen: 0.132 ppbv m
RT: 9.545 min Scan# 2922
Delta R.T. -0.003 min
Lab File: VL042262.D
Acq: 08 Apr 2025 14:22

Tgt Ion: 91 Resp: 7450
Ion Ratio Lower Upper
91 100
106 0.0 36.4 54.6#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.369 ppbv

RT: 10.393 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL042262.D

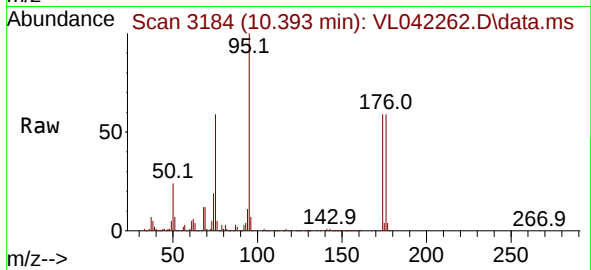
Acq: 08 Apr 2025 14:22

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B1-1-04012025



Tgt Ion: 95 Resp: 30548

Ion Ratio Lower Upper

95 100

174 60.2 50.6 76.0

175 4.6 3.8 5.6

Manual Integrations

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