

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
 Data File : VL042243.D
 Acq On : 07 Apr 2025 21:38
 Operator : SY/MD
 Sample : Q1725-02DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B10-4-04012025DL2

Quant Time: Apr 08 01:36:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2025
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/08/2025
 Supervised By : Mahesh Dadoda 04/09/2025

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

Internal Standards						
1) Bromochloromethane	2.810	49	196689	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	3.988	114	503068	10.000	ppbv	0.04
55) Chlorobenzene-d5	8.911	117	430861	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.399	95	329790	9.321	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%
Target Compounds						
					Qvalue	
13) Ethanol	1.735	45	5256m	4.089	ppbv	
15) Acetone	1.848	43	29249	1.063	ppbv	95
19) Isopropyl Alcohol	1.900	45	12074	0.778	ppbv #	35
29) Chloroform	2.871	83	482007	11.943	ppbv	99

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

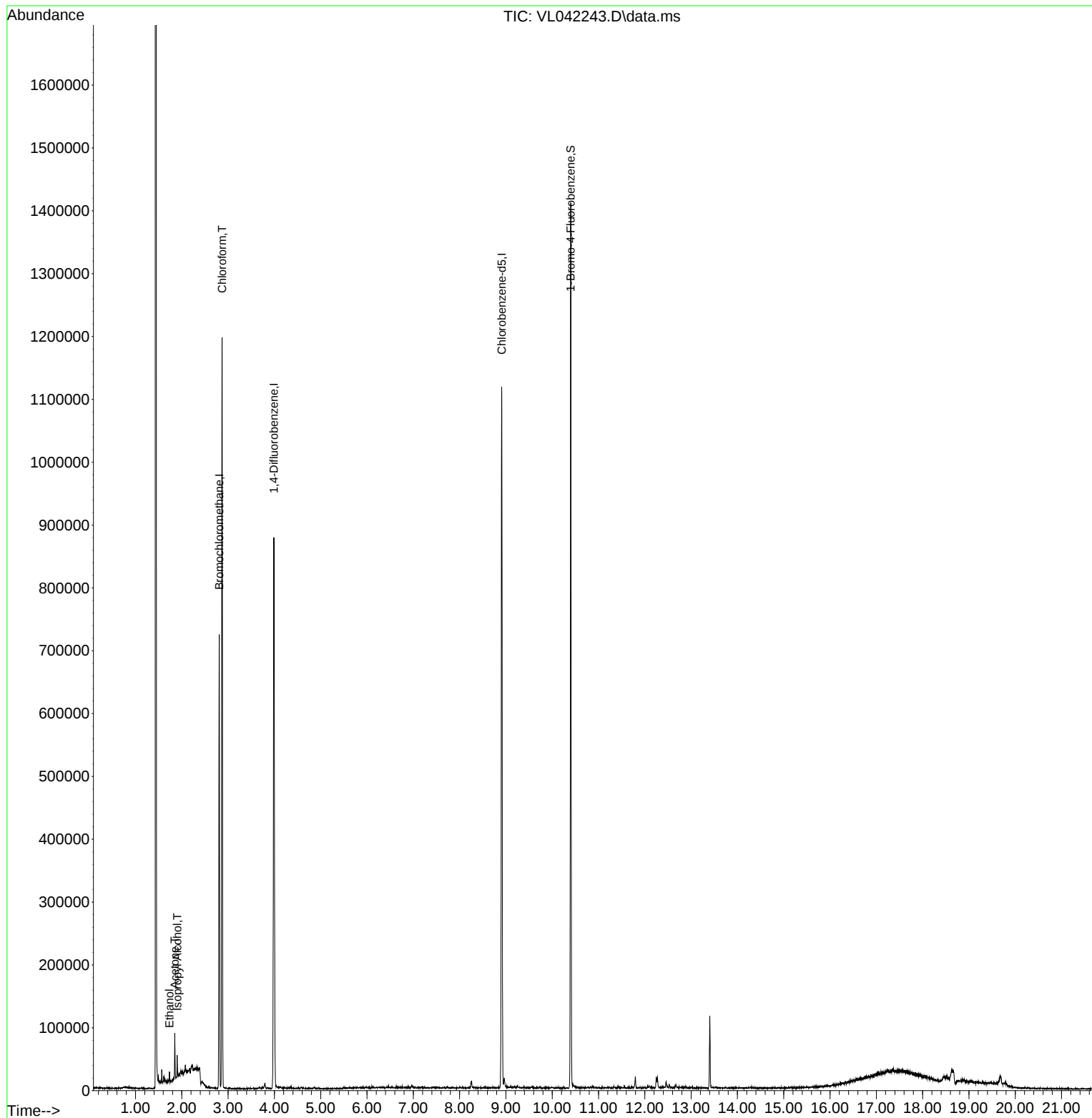
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040725\
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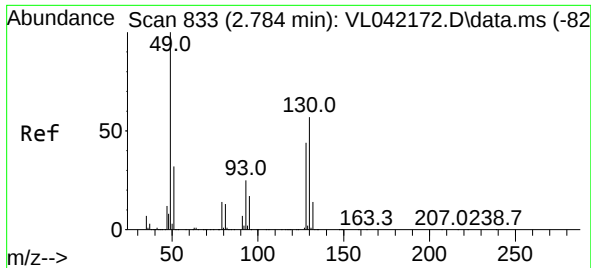
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2

Quant Time: Apr 08 01:36:39 2025
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.810 min Scan# 841

Delta R.T. 0.026 min

Lab File: VL042243.D

Acq: 07 Apr 2025 21:38

Instrument :

MSVOA_L

ClientSampleId :

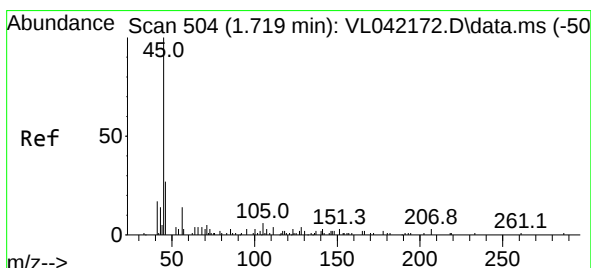
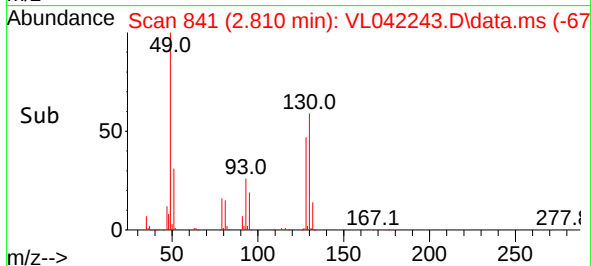
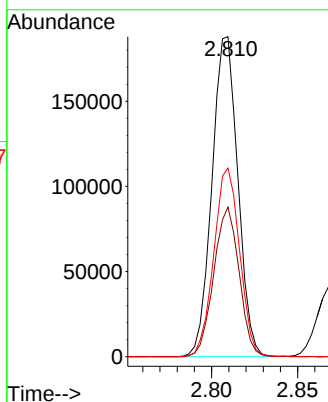
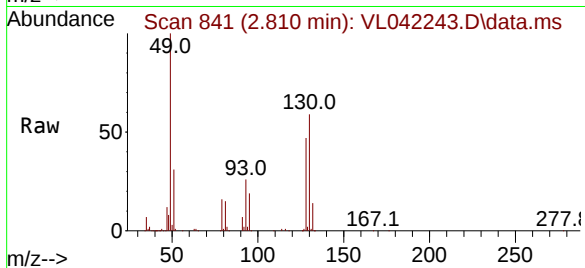
SSSG-B10-4-04012025DL2

Tgt Ion: 49 Resp: 196689
 Ion Ratio Lower Upper
 49 100
 128 45.7 22.9 68.5
 130 58.7 28.8 86.4

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#13

Ethanol

Concen: 4.089 ppbv m

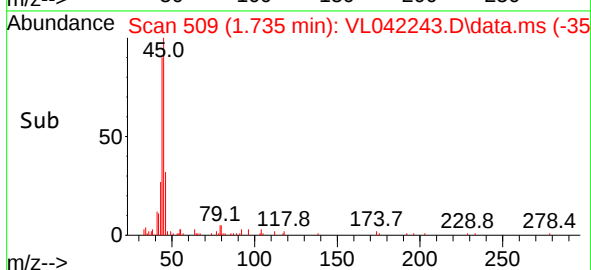
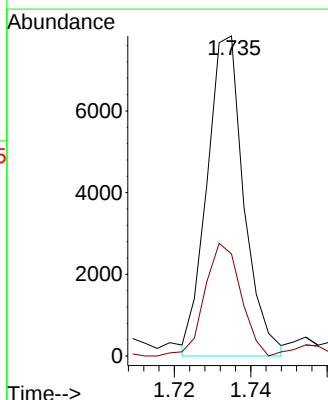
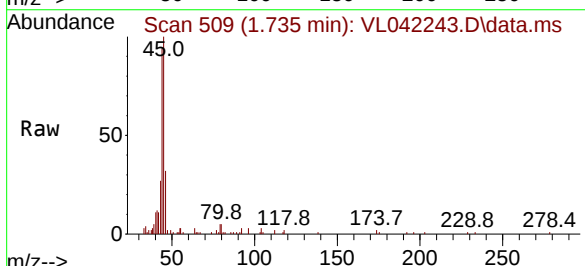
RT: 1.735 min Scan# 509

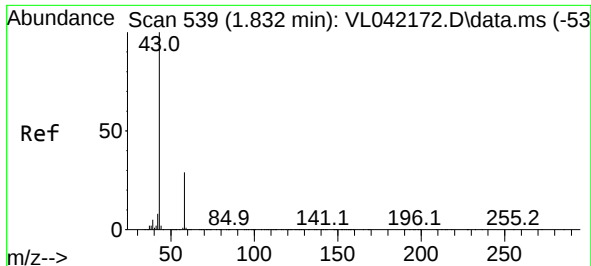
Delta R.T. 0.016 min

Lab File: VL042243.D

Acq: 07 Apr 2025 21:38

Tgt Ion: 45 Resp: 5256
 Ion Ratio Lower Upper
 45 100
 46 0.0 20.2 80.8#





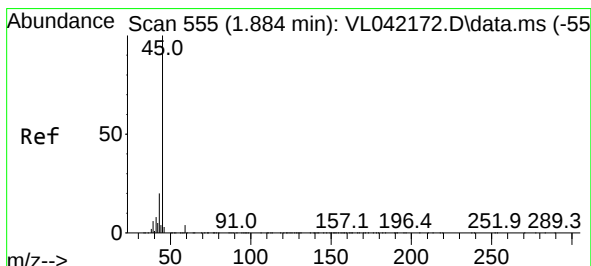
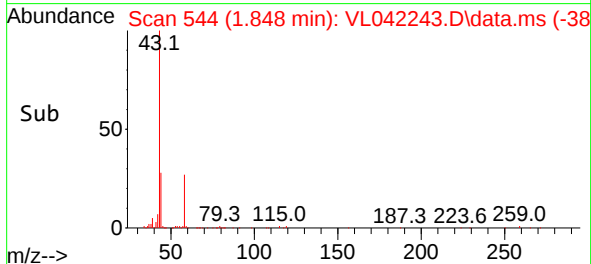
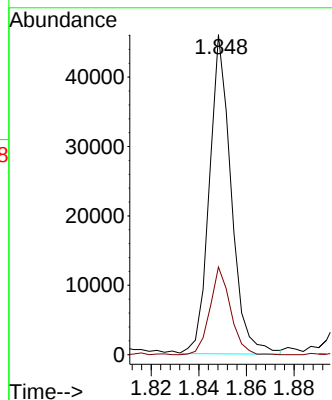
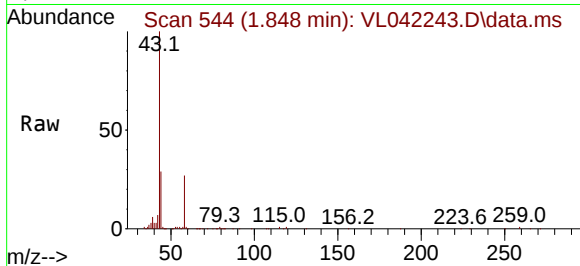
#15
Acetone
Concen: 1.063 ppbv
RT: 1.848 min Scan# 54
Delta R.T. 0.016 min
Lab File: VL042243.D
Acq: 07 Apr 2025 21:38

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2

Tgt Ion: 43 Resp: 29249
Ion Ratio Lower Upper
43 100
58 26.1 23.2 34.8

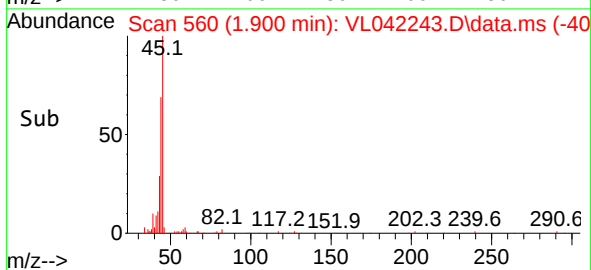
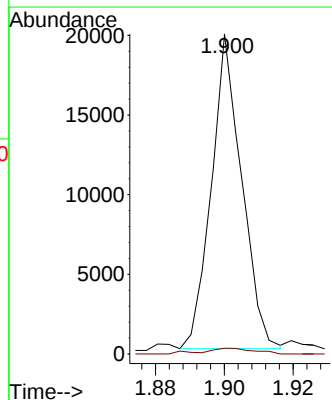
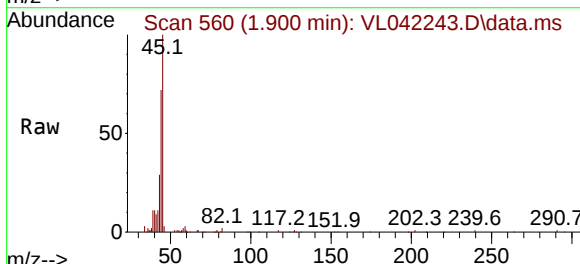
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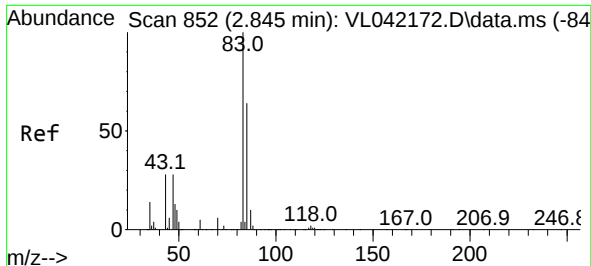
Reviewed By :Semsettin Yesilyurt 04/08/2025
Supervised By :Mahesh Dadoda 04/09/2025



#19
Isopropyl Alcohol
Concen: 0.778 ppbv
RT: 1.900 min Scan# 560
Delta R.T. 0.016 min
Lab File: VL042243.D
Acq: 07 Apr 2025 21:38

Tgt Ion: 45 Resp: 12074
Ion Ratio Lower Upper
45 100
58 3.0 36.9 55.3#





#29

Chloroform

Concen: 11.943 ppbv

RT: 2.871 min Scan# 80

Delta R.T. 0.026 min

Lab File: VL042243.D

Acq: 07 Apr 2025 21:38

Instrument :

MSVOA_L

ClientSampleId :

SSSG-B10-4-04012025DL2

Tgt Ion: 83 Resp: 48200

Ion Ratio Lower Upper

83 100

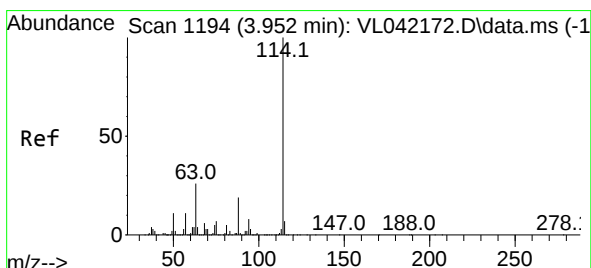
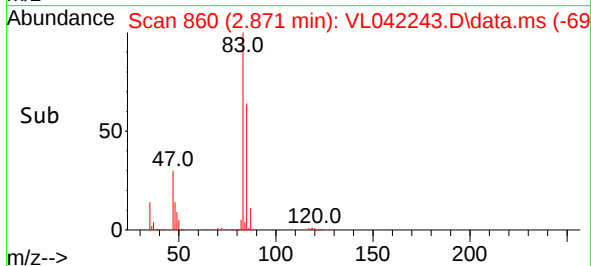
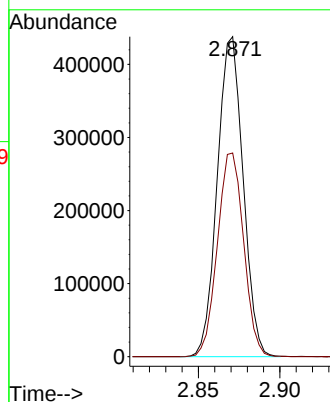
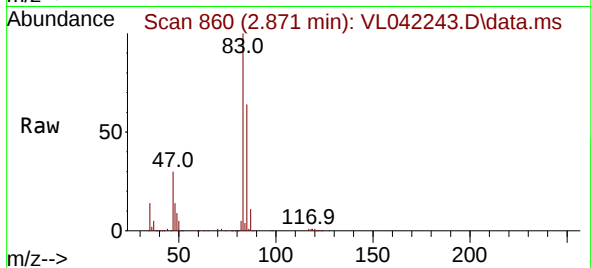
85 63.7 51.4 77.2

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.988 min Scan# 1205

Delta R.T. 0.035 min

Lab File: VL042243.D

Acq: 07 Apr 2025 21:38

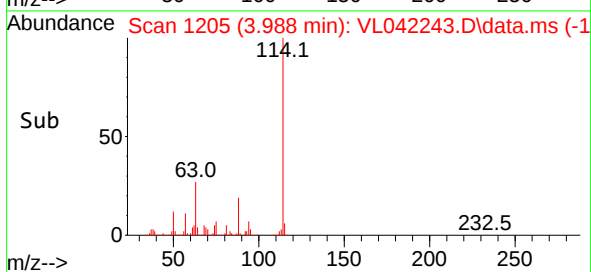
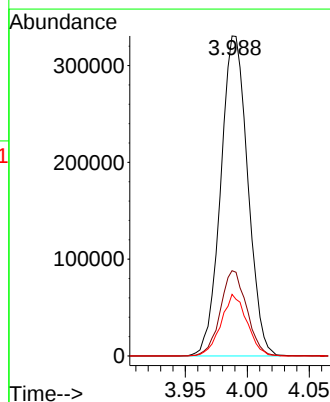
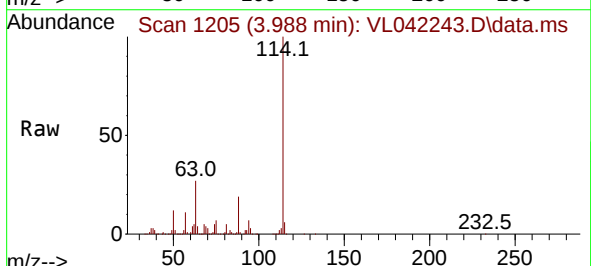
Tgt Ion:114 Resp: 503068

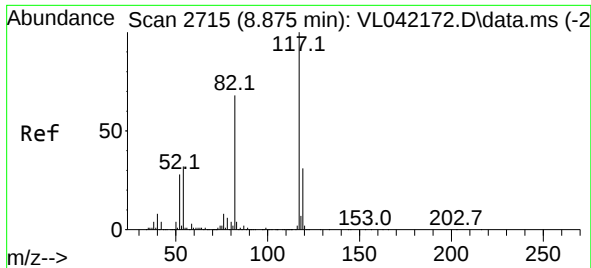
Ion Ratio Lower Upper

114 100

63 26.0 20.7 31.1

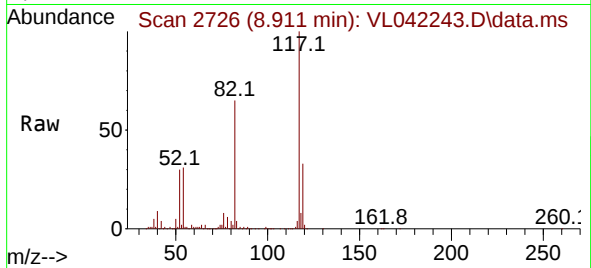
88 18.5 15.0 22.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.911 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL042243.D
Acq: 07 Apr 2025 21:38

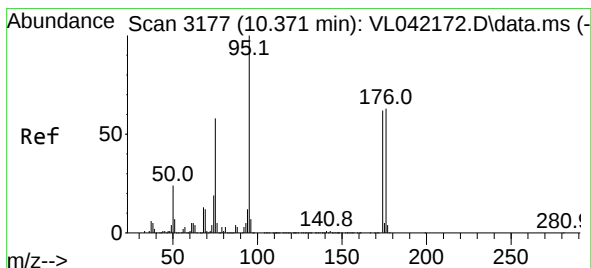
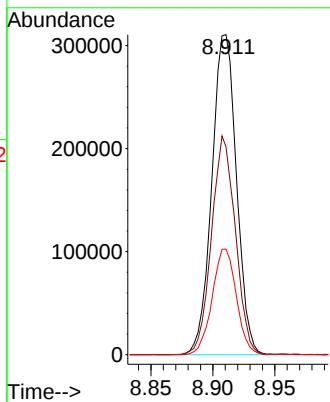
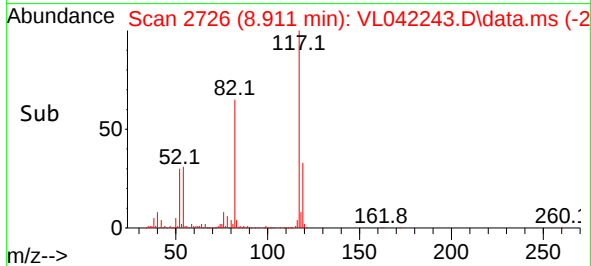
Instrument :
MSVOA_L
ClientSampleId :
SSSG-B10-4-04012025DL2



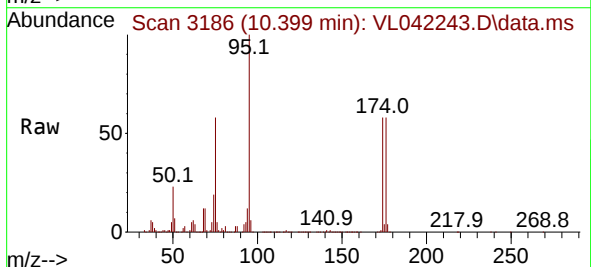
Tgt Ion: 117 Resp: 43086
Ion Ratio Lower Upper
117 100
82 66.3 55.8 83.6
119 32.6 25.5 38.3

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Supervised By :Mahesh Dadoda 04/09/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.321 ppbv
RT: 10.399 min Scan# 3186
Delta R.T. 0.029 min
Lab File: VL042243.D
Acq: 07 Apr 2025 21:38



Tgt Ion: 95 Resp: 329790
Ion Ratio Lower Upper
95 100
174 61.3 50.6 76.0
175 4.5 3.8 5.6

