

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042392.D
 Acq On : 18 Apr 2025 15:16
 Operator : SY/MD
 Sample : Q1726-06DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-3-03312025DL2

Quant Time: Apr 18 23:00:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Apr 18 02:14:00 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

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

Internal Standards						
1) Bromochloromethane	2.791	49	121646	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.966	114	379829	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	325040	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.381	95	267080	9.999	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%
Target Compounds						
					Qvalue	
13) Ethanol	1.723	45	4246	2.866	ppbv #	24
15) Acetone	1.839	43	102862	5.165	ppbv	98
19) Isopropyl Alcohol	1.888	45	3881	0.351	ppbv #	1
53) Toluene	6.940	91	6938m	0.141	ppbv	

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

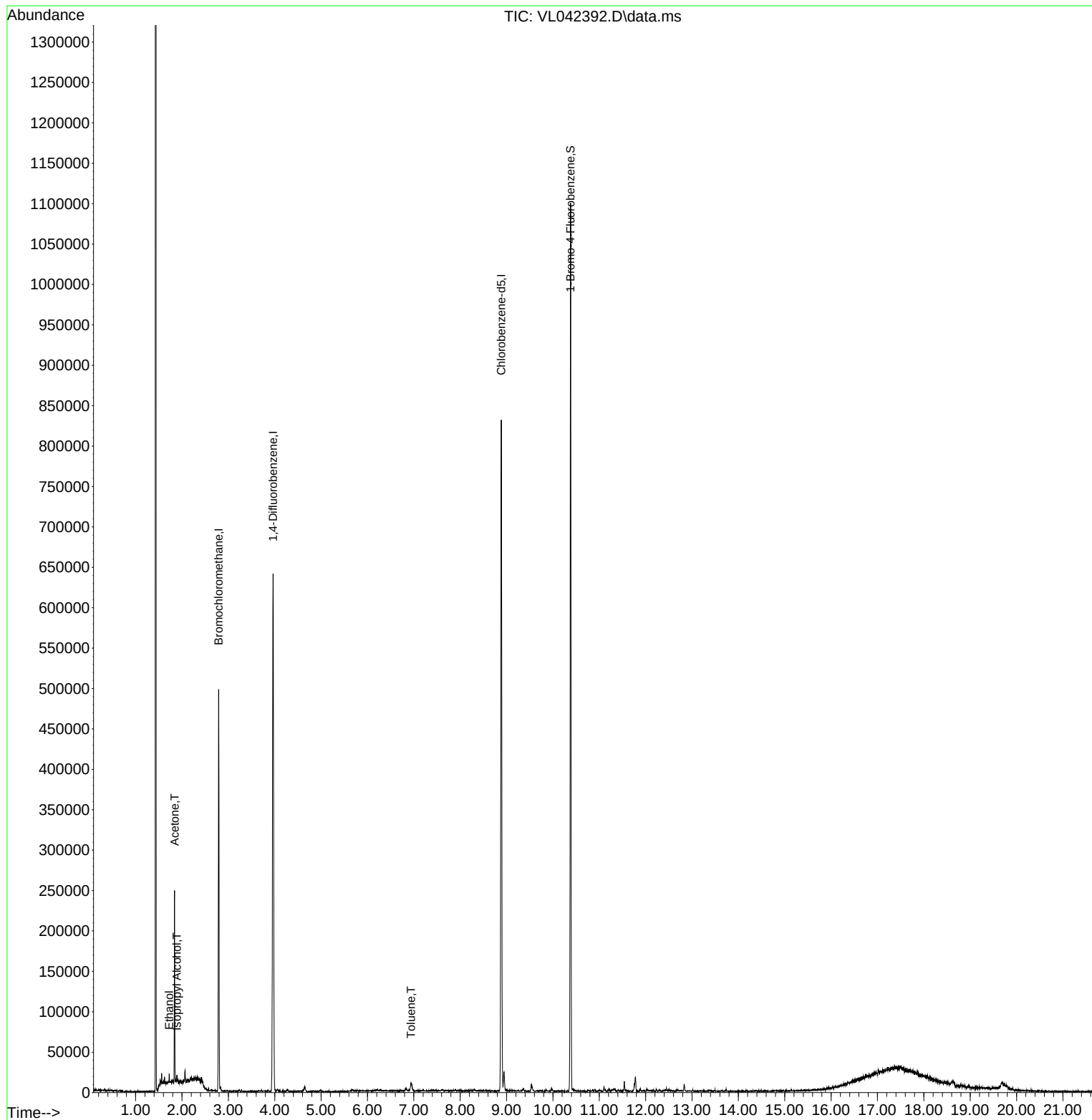
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
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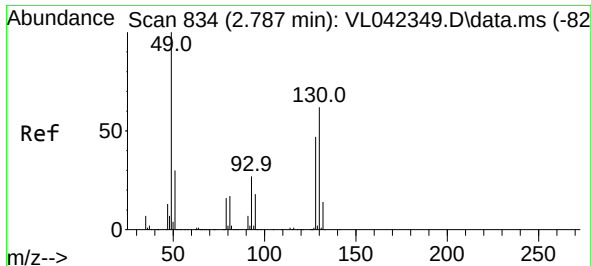
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2

Quant Time: Apr 18 23:00:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
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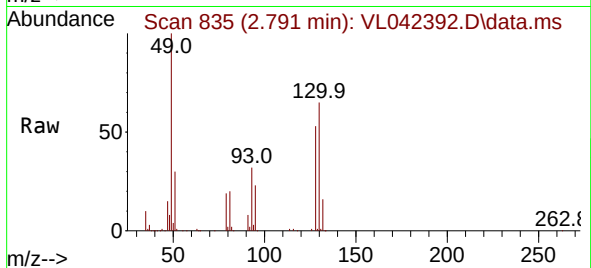
Reviewed By : Semsettin Yesilyurt 04/21/2025
Supervised By : Mahesh Dadoda 04/21/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16

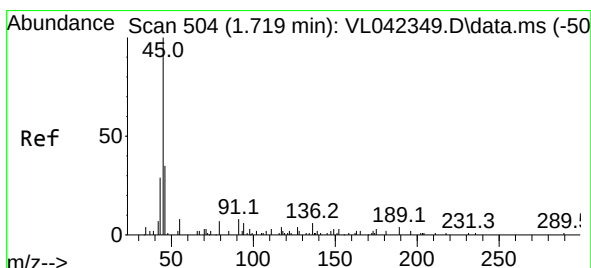
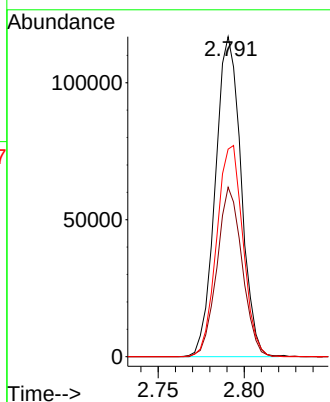
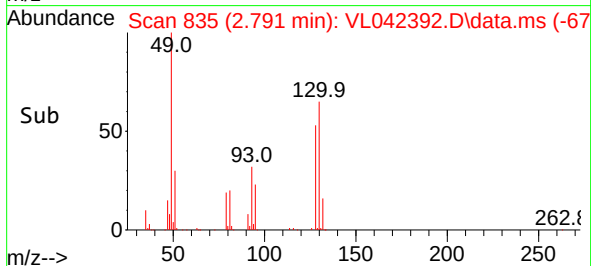
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2



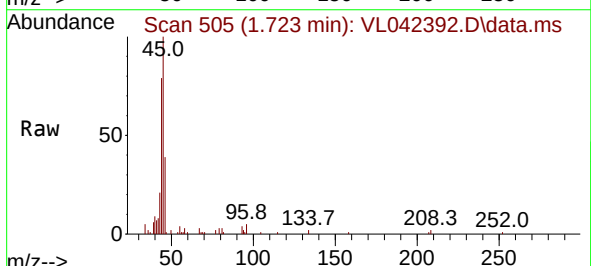
Tgt Ion: 49 Resp: 121640
Ion Ratio Lower Upper
49 100
128 51.9 22.8 68.4
130 67.3 29.3 88.0

Manual Integrations
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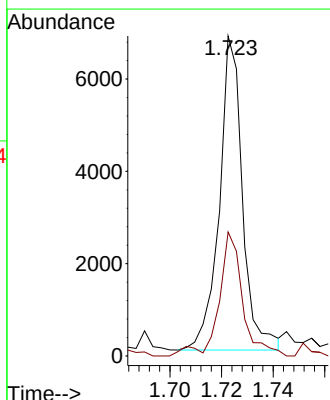
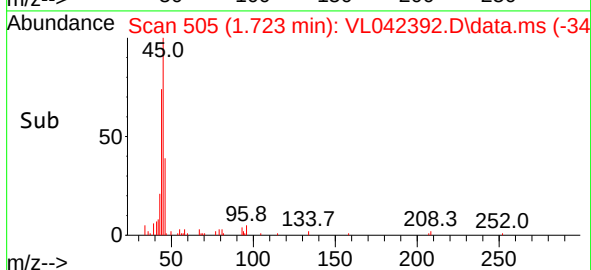
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

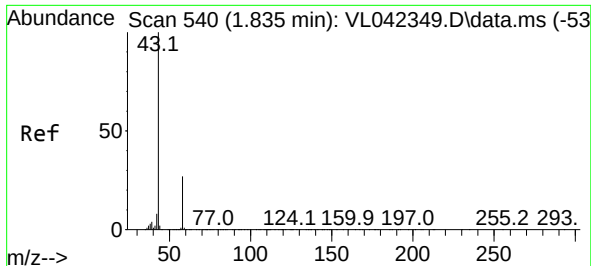


#13
Ethanol
Concen: 2.866 ppbv
RT: 1.723 min Scan# 505
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16



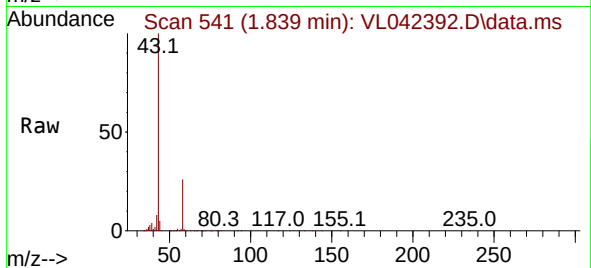
Tgt Ion: 45 Resp: 4246
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#





#15
Acetone
Concen: 5.165 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16

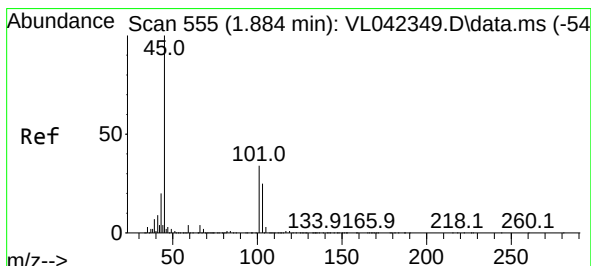
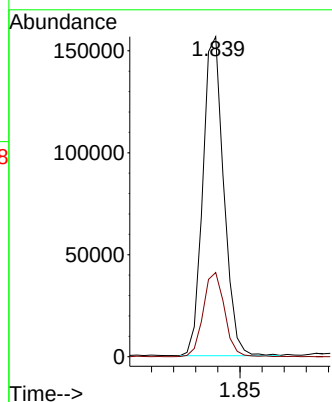
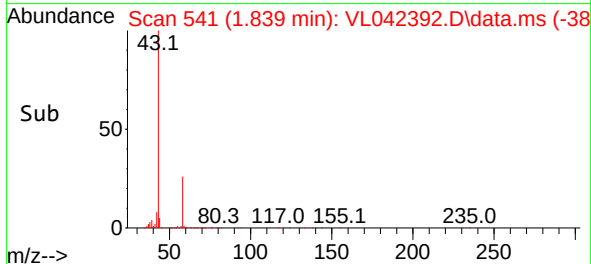
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2



Tgt Ion: 43 Resp: 102862
Ion Ratio Lower Upper
43 100
58 27.1 22.4 33.6

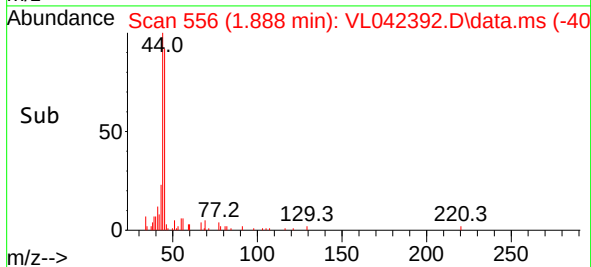
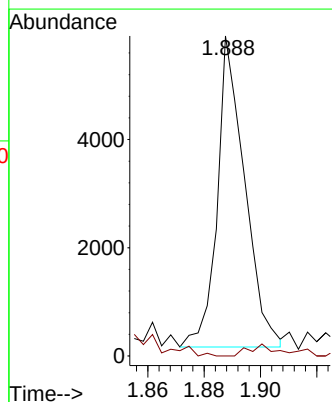
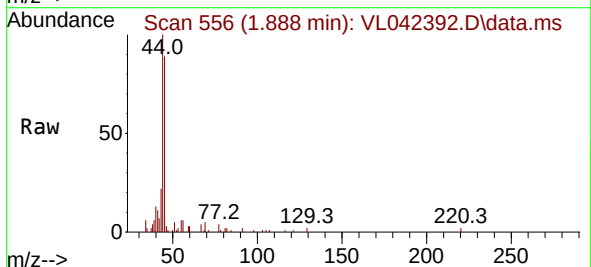
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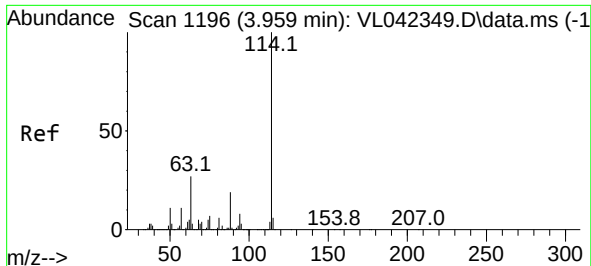
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#19
Isopropyl Alcohol
Concen: 0.351 ppbv
RT: 1.888 min Scan# 556
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16

Tgt Ion: 45 Resp: 3881
Ion Ratio Lower Upper
45 100
58 717.0 34.5 51.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.966 min Scan# 1198

Delta R.T. 0.007 min

Lab File: VL042392.D

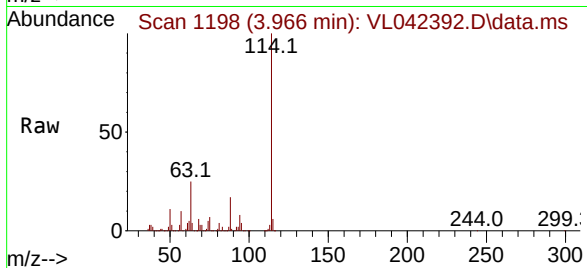
Acq: 18 Apr 2025 15:16

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-3-03312025DL2



Tgt Ion:114 Resp: 379829

Ion Ratio Lower Upper

114 100

63 25.5 21.8 32.6

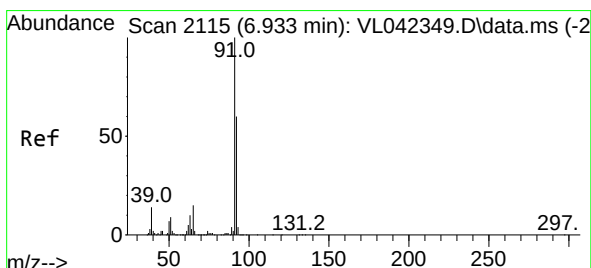
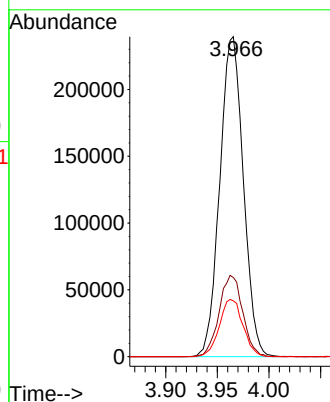
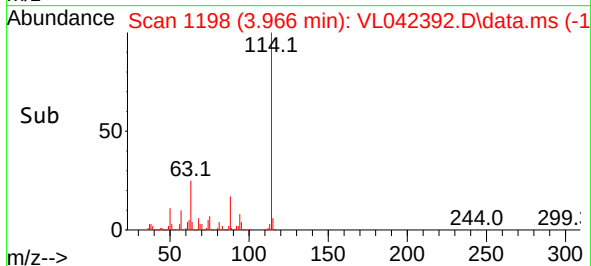
88 17.9 15.5 23.3

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Reviewed By :Semsettin Yesilyurt 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#53

Toluene

Concen: 0.141 ppbv m

RT: 6.940 min Scan# 2117

Delta R.T. 0.007 min

Lab File: VL042392.D

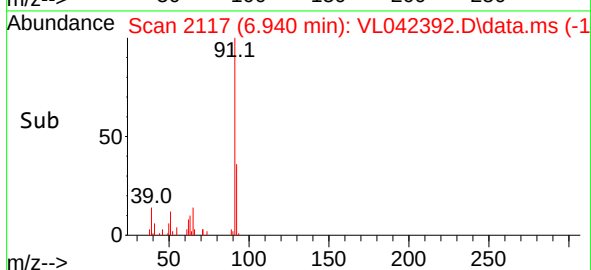
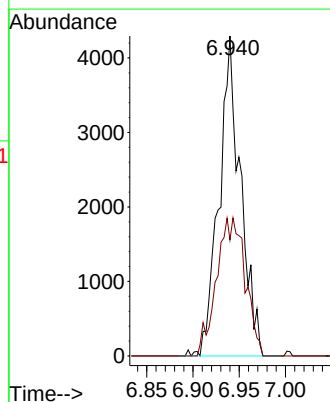
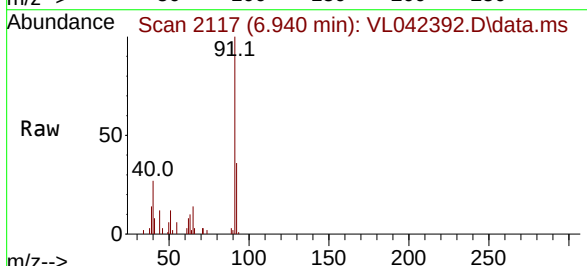
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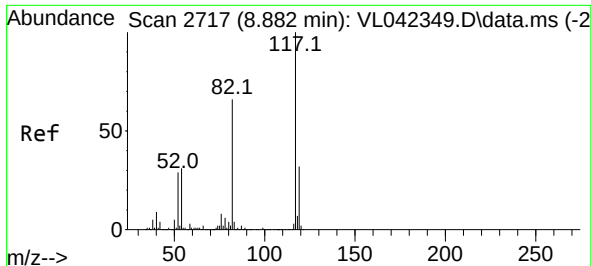
Tgt Ion: 91 Resp: 6938

Ion Ratio Lower Upper

91 100

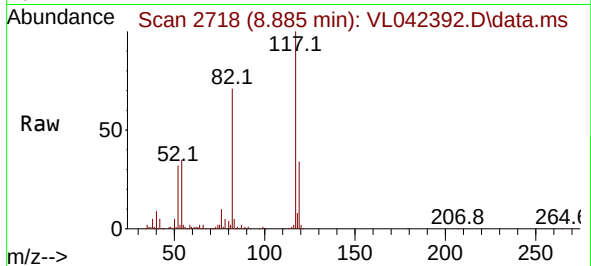
92 57.6 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16

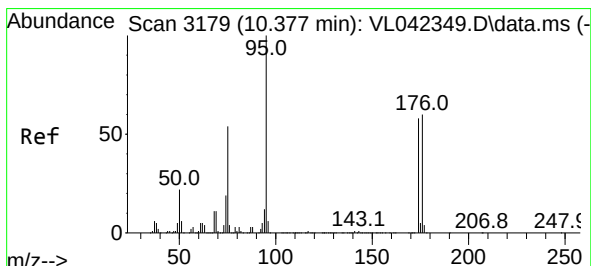
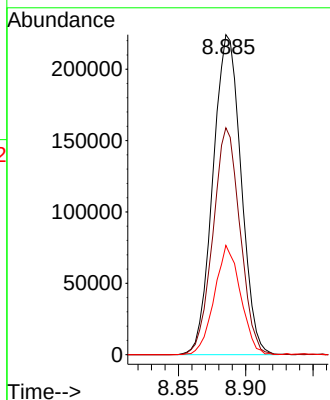
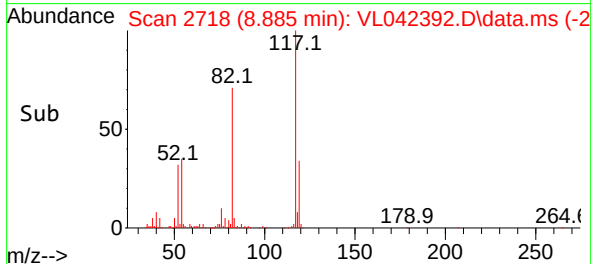
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025DL2



Tgt Ion: 117 Resp: 325040
Ion Ratio Lower Upper
117 100
82 68.5 57.8 86.6
119 32.0 25.2 37.8

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Supervised By :Mahesh Dadoda 04/21/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 10.381 min Scan# 3180
Delta R.T. 0.004 min
Lab File: VL042392.D
Acq: 18 Apr 2025 15:16

Tgt Ion: 95 Resp: 267080
Ion Ratio Lower Upper
95 100
174 61.9 48.5 72.7
175 4.6 3.7 5.5

