

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
 Data File : VL042390.D
 Acq On : 18 Apr 2025 14:14
 Operator : SY/MD
 Sample : Q1726-03DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-2-03312025DL2

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 22:59:21 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

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

Internal Standards						
1) Bromochloromethane	2.790	49	127324	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	395389	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	342875	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	281379	9.987	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
13) Ethanol	1.722	45	3867	2.494	ppbv #	24
15) Acetone	1.839	43	126935	6.090	ppbv	97
19) Isopropyl Alcohol	1.887	45	4184	0.361	ppbv #	1
53) Toluene	6.936	91	5816m	0.114	ppbv	

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

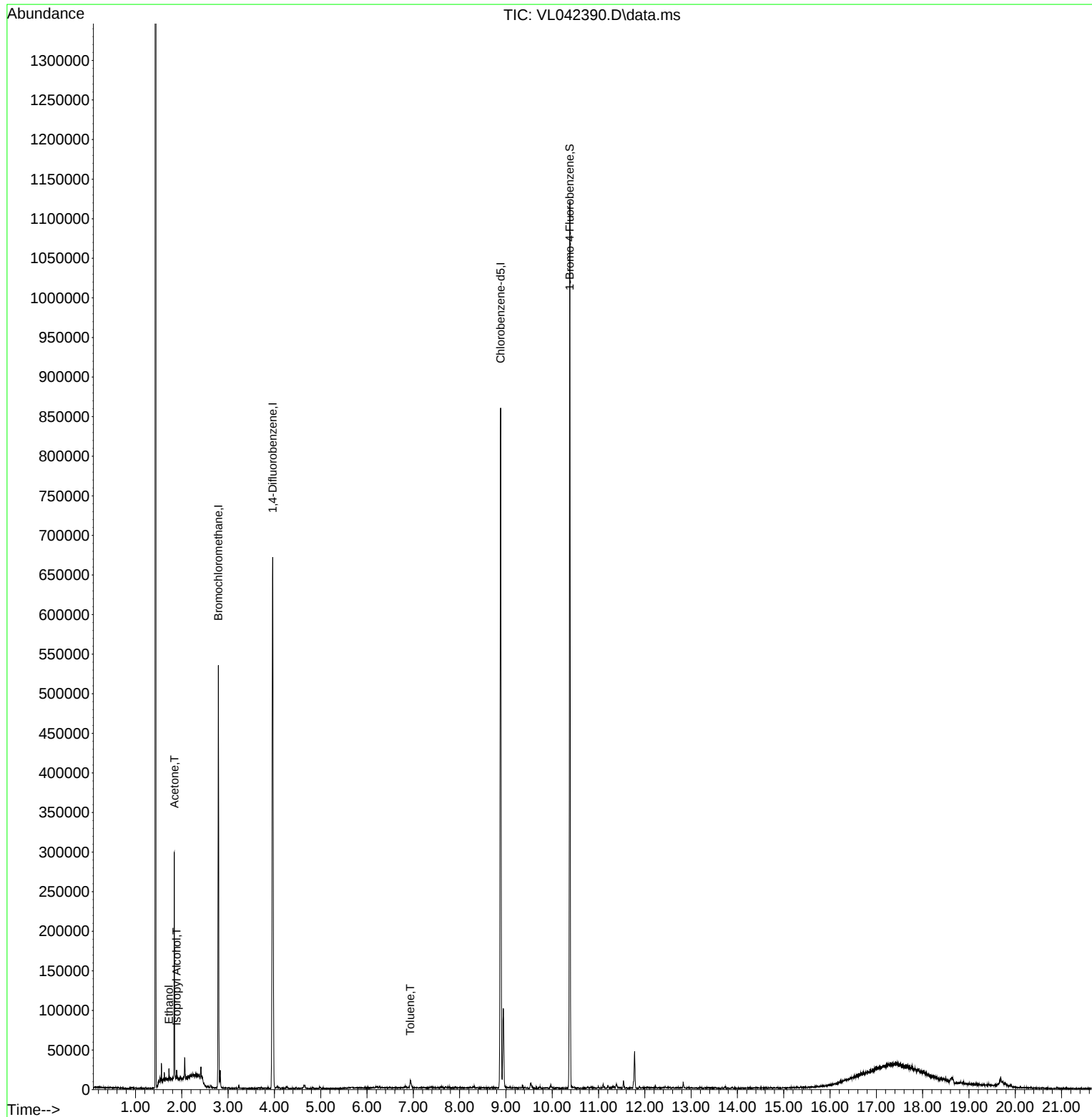
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041825\
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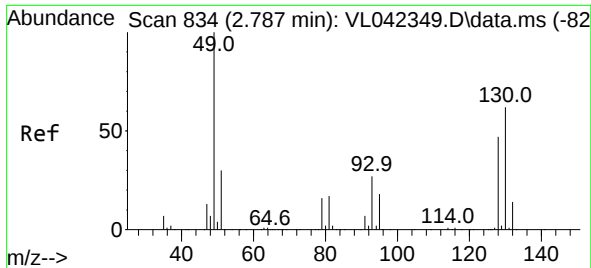
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025DL2

Quant Time: Apr 18 22:59:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
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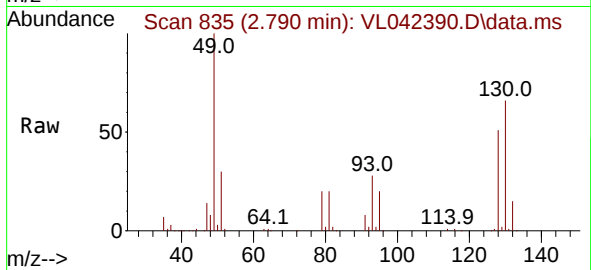
Reviewed By : Semsettin Yesilyurt 04/21/2025
Supervised By : Mahesh Dadoda 04/21/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14

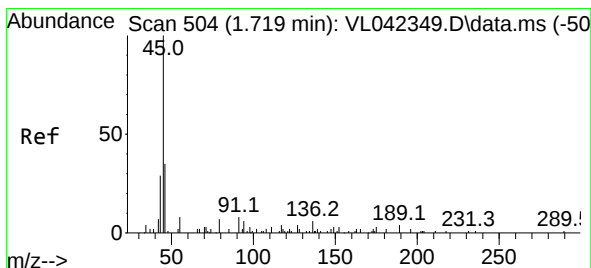
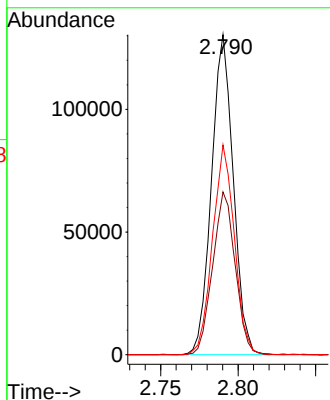
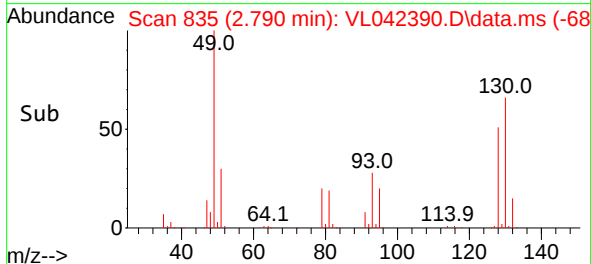
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025DL2



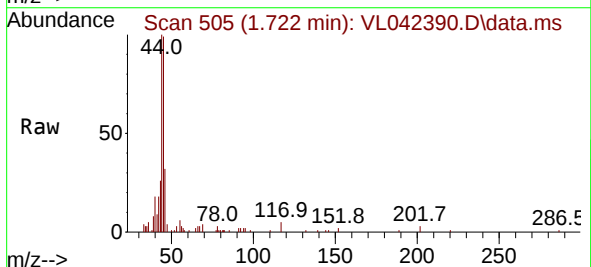
Tgt Ion: 49 Resp: 127324
Ion Ratio Lower Upper
49 100
128 52.6 22.8 68.4
130 65.9 29.3 88.0

Manual Integrations
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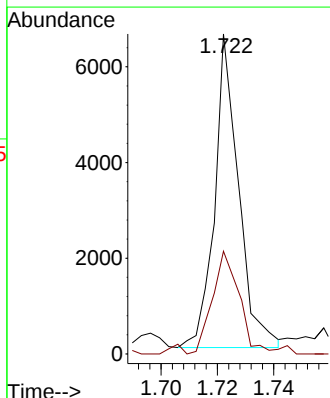
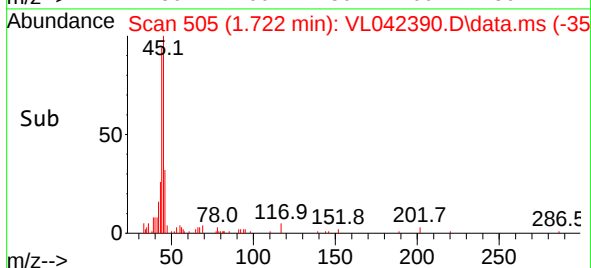
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Supervised By :Mahesh Dadoda 04/21/2025

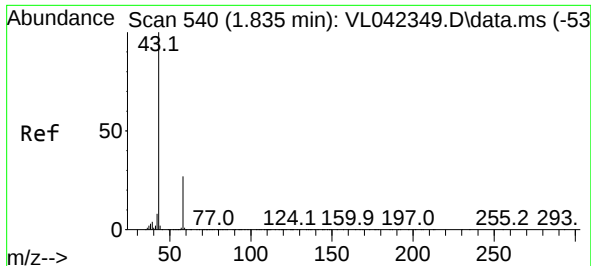


#13
Ethanol
Concen: 2.494 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14



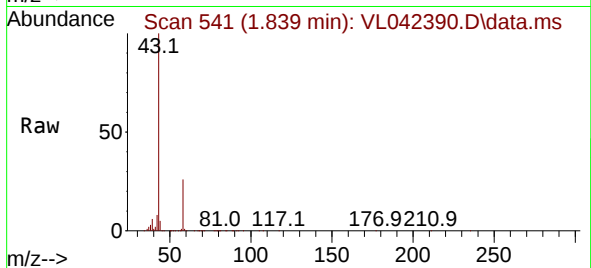
Tgt Ion: 45 Resp: 3867
Ion Ratio Lower Upper
45 100
46 0.0 21.9 87.7#





#15
Acetone
Concen: 6.090 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14

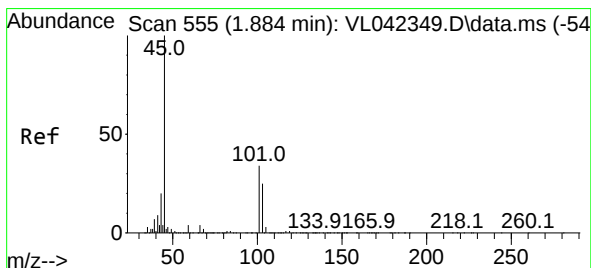
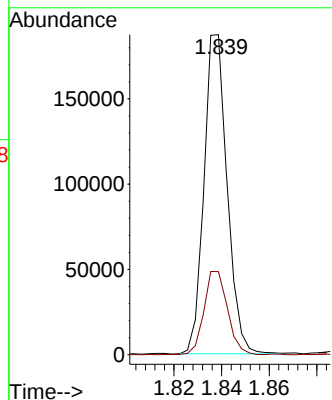
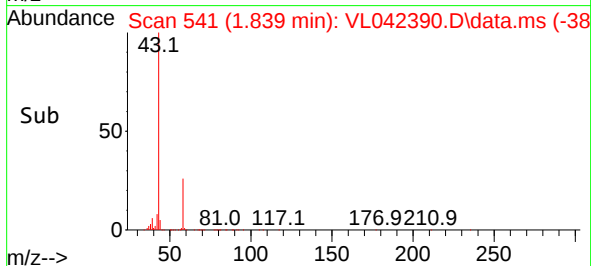
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025DL2



Tgt Ion: 43 Resp: 126938
Ion Ratio Lower Upper
43 100
58 26.7 22.4 33.6

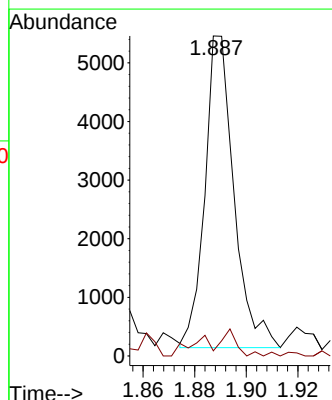
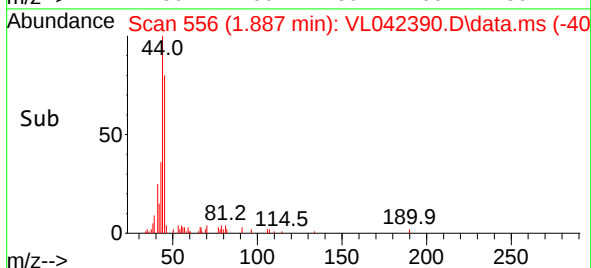
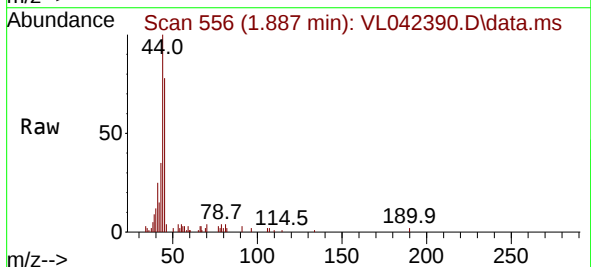
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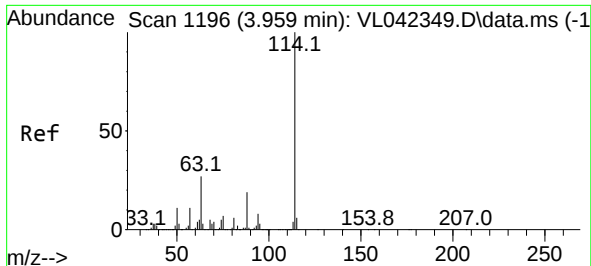
Reviewed By :Semsettin Yesilyurt 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#19
Isopropyl Alcohol
Concen: 0.361 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14

Tgt Ion: 45 Resp: 4184
Ion Ratio Lower Upper
45 100
58 808.7 34.5 51.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.003 min

Lab File: VL042390.D

Acq: 18 Apr 2025 14:14

Instrument :

MSVOA_L

ClientSampleId :

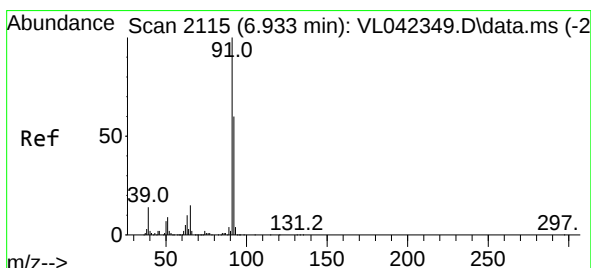
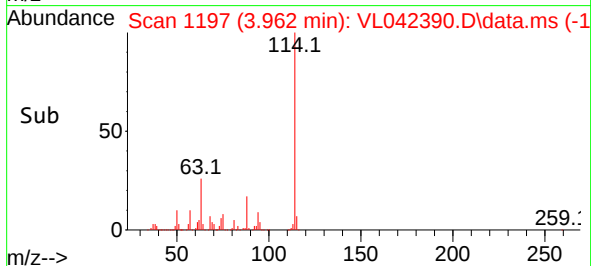
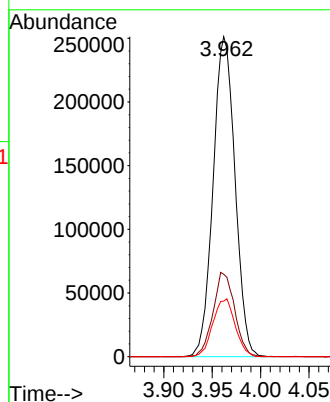
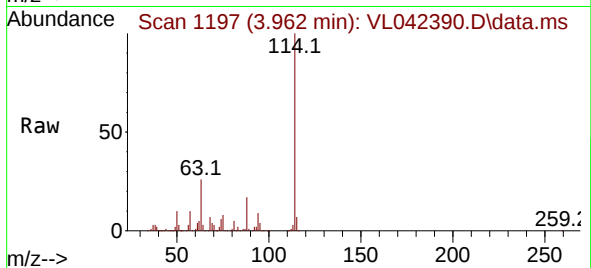
IA-B2-2-03312025DL2

Tgt Ion:	114	Resp:	395389
Ion Ratio	Lower	Upper	
114	100		
63	26.0	21.8	32.6
88	18.4	15.5	23.3

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#53

Toluene

Concen: 0.114 ppbv m

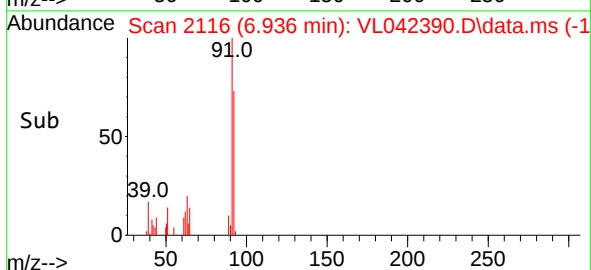
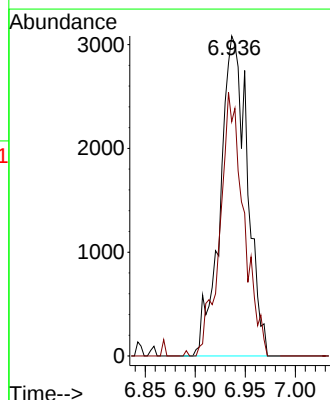
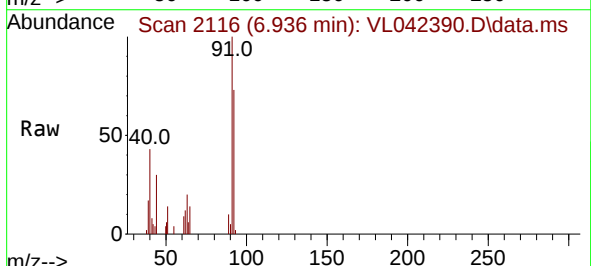
RT: 6.936 min Scan# 2116

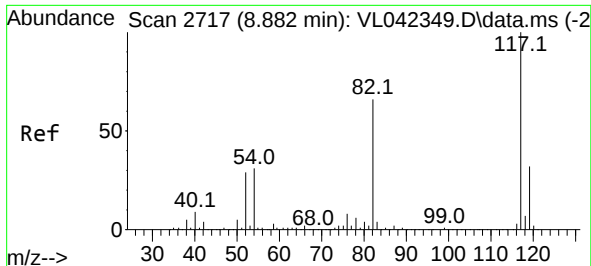
Delta R.T. 0.003 min

Lab File: VL042390.D

Acq: 18 Apr 2025 14:14

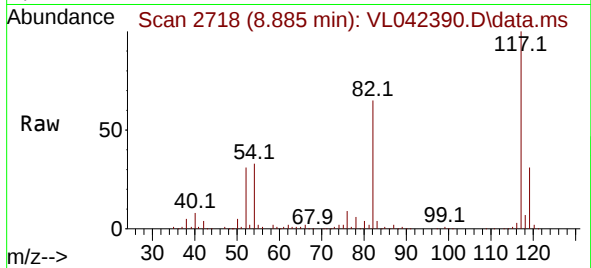
Tgt Ion:	91	Resp:	5816
Ion Ratio	Lower	Upper	
91	100		
92	72.8	48.2	72.4#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2717
Delta R.T. 0.003 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14

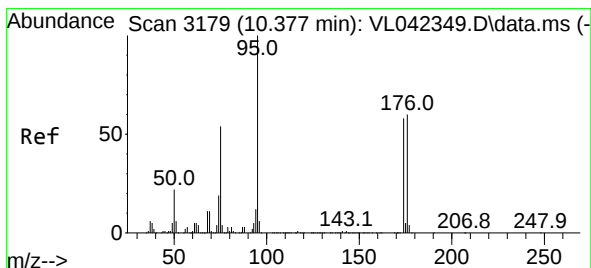
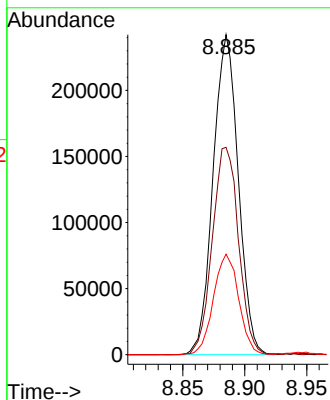
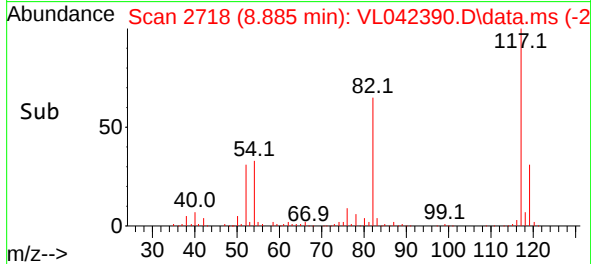
Instrument :
MSVOA_L
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IA-B2-2-03312025DL2



Tgt Ion: 117 Resp: 342879
Ion Ratio Lower Upper
117 100
82 67.7 57.8 86.6
119 31.6 25.2 37.8

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Supervised By :Mahesh Dadoda 04/21/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.987 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042390.D
Acq: 18 Apr 2025 14:14

Tgt Ion: 95 Resp: 281379
Ion Ratio Lower Upper
95 100
174 60.5 48.5 72.7
175 4.5 3.7 5.5

