

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040883.D
 Acq On : 16 Nov 2023 00:37
 Operator : SY/MD
 Sample : 05277-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-8DL

Quant Time: Nov 16 06:36:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/20/2023
 Supervised By : Mahesh Dadoda 11/21/2023

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

Internal Standards						
1) Bromochloromethane	5.201	49	966510	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.651	114	2294757	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2023898	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1621230	10.231	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
					Qvalue	
15) Acetone	3.500	43	260607	2.532	ppbv	97
20) Methylene Chloride	3.957	84	272334	6.411	ppbv	96
26) Hexane	5.224	57	242995	2.576	ppbv #	39
53) Toluene	9.211	91	13859m	0.068	ppbv	

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

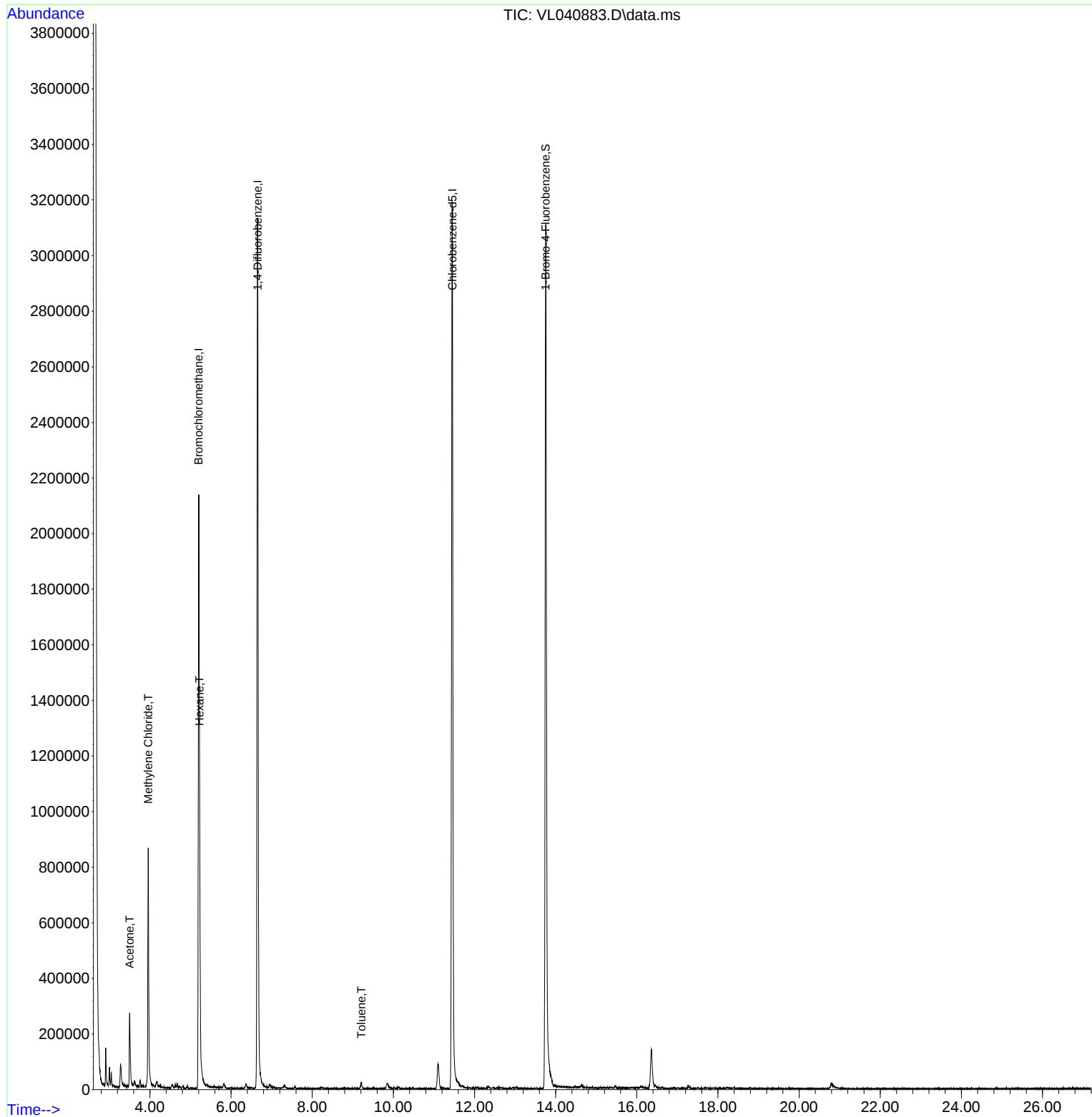
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
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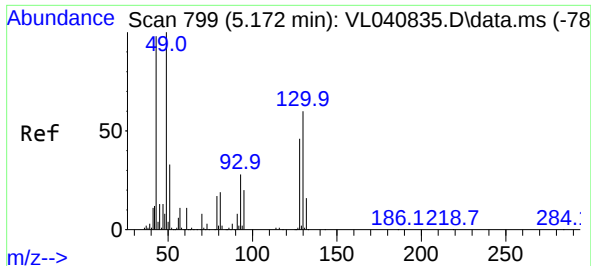
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8DL

Quant Time: Nov 16 06:36:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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Response via : Initial Calibration

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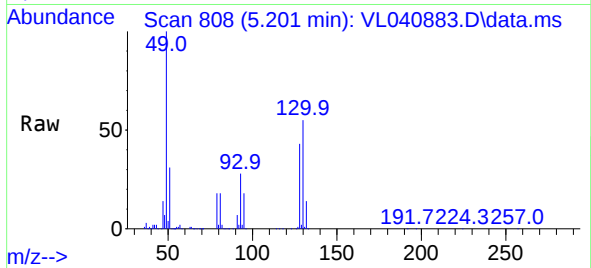
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37

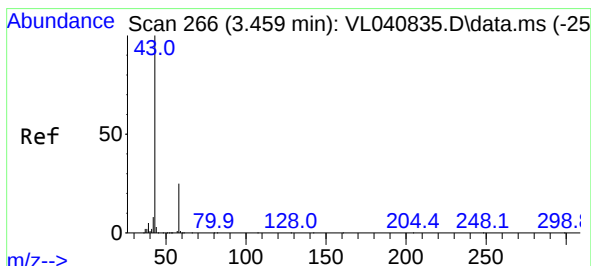
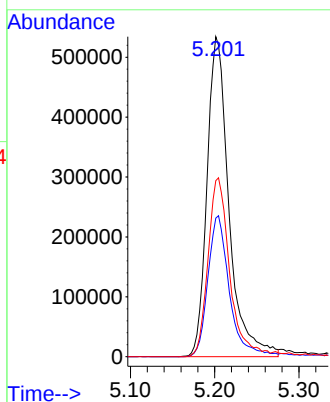
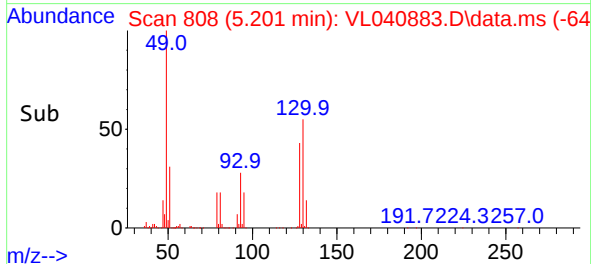
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8DL



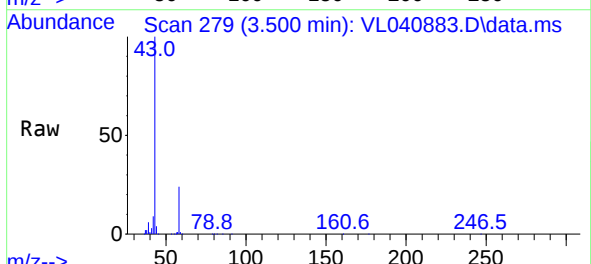
Tgt Ion: 49 Resp: 966510
Ion Ratio Lower Upper
49 100
128 44.8 23.8 71.2
130 57.6 30.9 92.8

Manual Integrations
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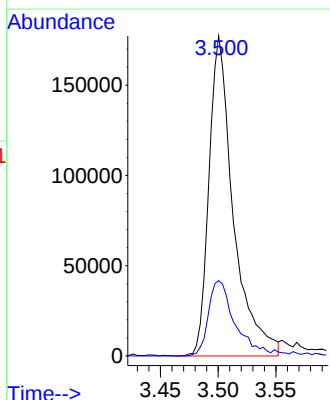
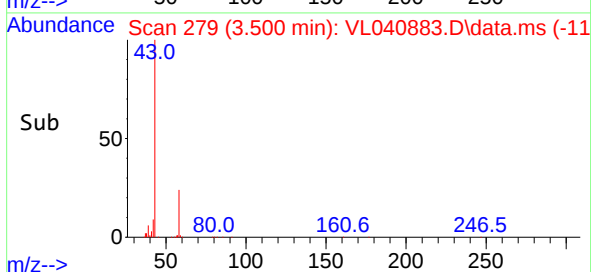
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Supervised By :Mahesh Dadoda 11/21/2023

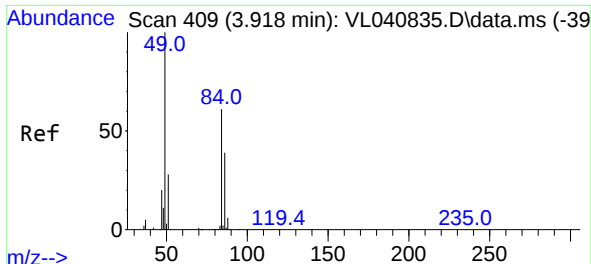


#15
Acetone
Concen: 2.532 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.042 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37



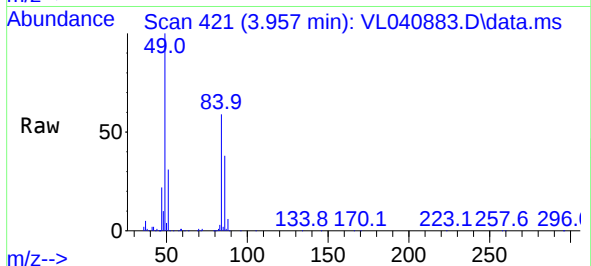
Tgt Ion: 43 Resp: 260607
Ion Ratio Lower Upper
43 100
58 27.4 20.9 31.3





#20
Methylene Chloride
Concen: 6.411 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.039 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37

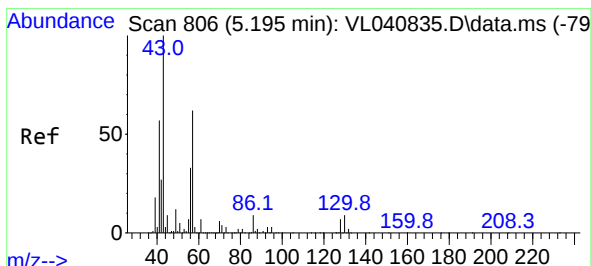
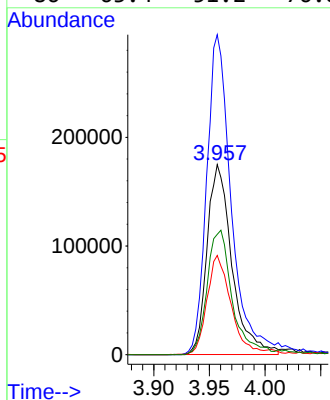
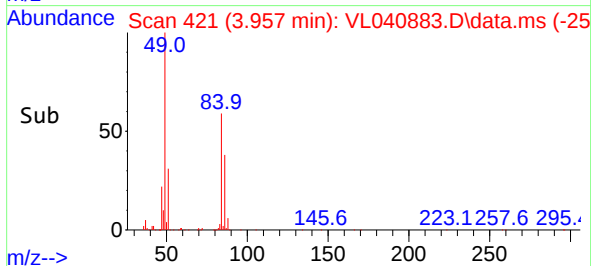
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8DL



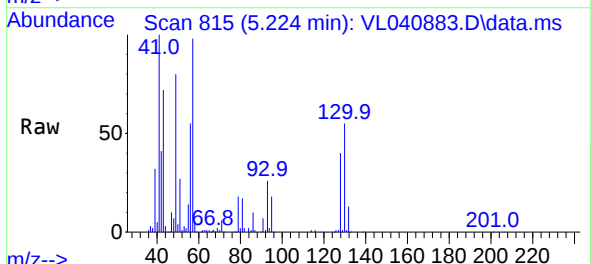
Tgt Ion: 84 Resp: 272334
Ion Ratio Lower Upper
84 100
49 168.6 131.0 196.4
51 52.1 36.9 55.3
86 63.4 51.2 76.8

Manual Integrations
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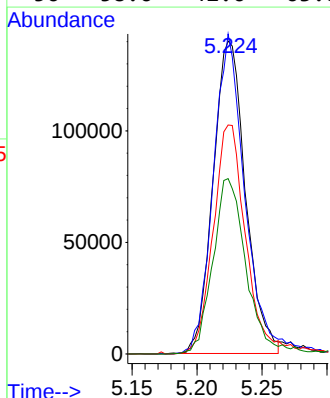
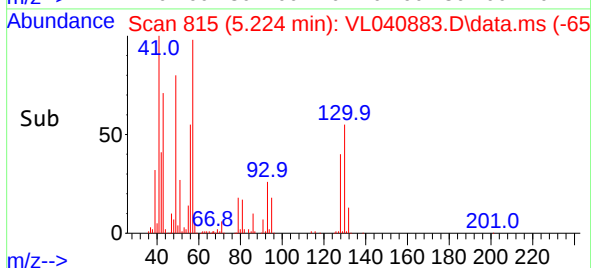
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

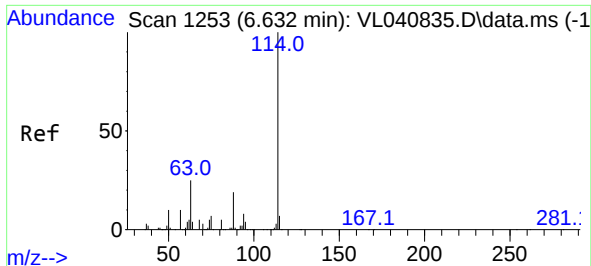


#26
Hexane
Concen: 2.576 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.029 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37



Tgt Ion: 57 Resp: 242995
Ion Ratio Lower Upper
57 100
41 102.1 75.4 113.0
43 75.3 185.9 278.9#
56 58.6 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.019 min

Lab File: VL040883.D

Acq: 16 Nov 2023 00:37

Instrument :

MSVOA_L

ClientSampleId :

NT-SS-8DL

Tgt Ion:114 Resp: 229475

Ion Ratio Lower Upper

114 100

63 26.4 20.9 31.3

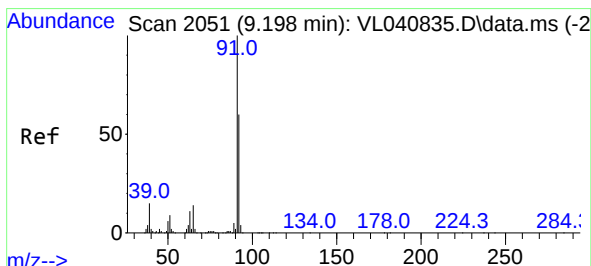
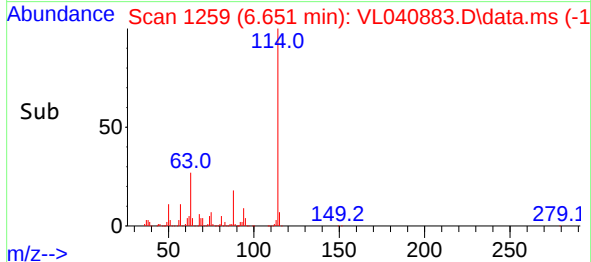
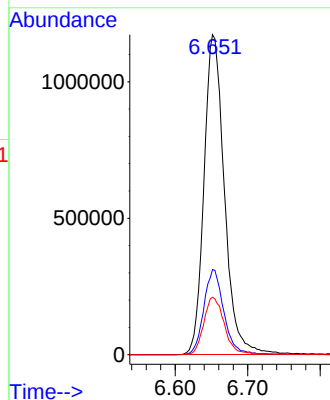
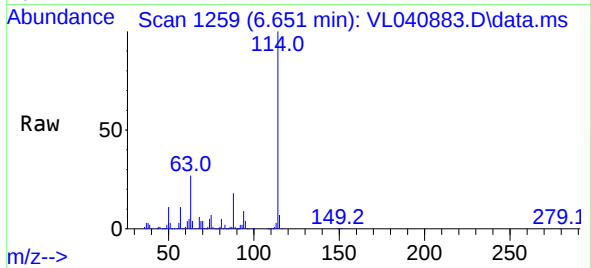
88 18.3 14.3 21.5

Manual Integrations

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Supervised By :Mahesh Dadoda 11/21/2023



#53

Toluene

Concen: 0.068 ppbv m

RT: 9.211 min Scan# 2055

Delta R.T. 0.013 min

Lab File: VL040883.D

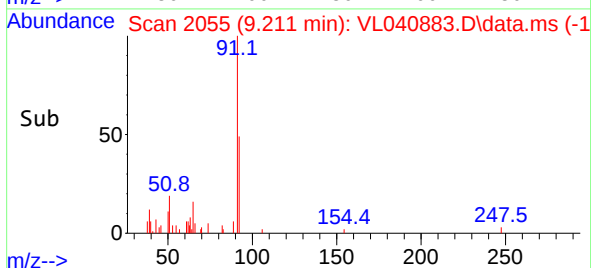
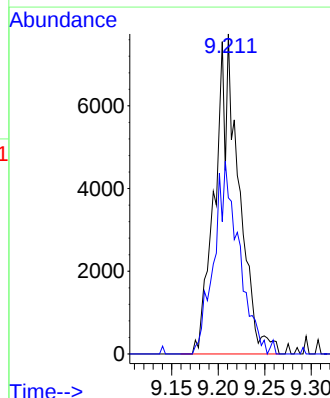
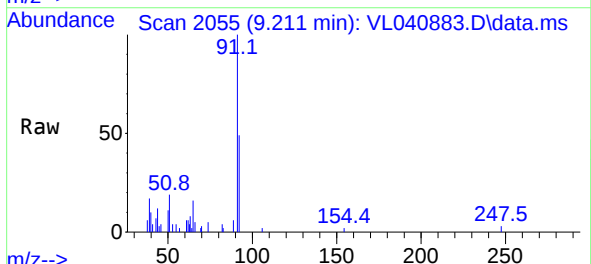
Acq: 16 Nov 2023 00:37

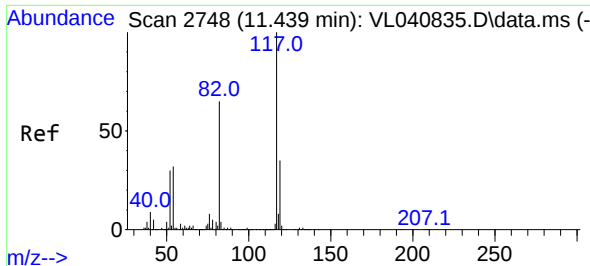
Tgt Ion: 91 Resp: 13859

Ion Ratio Lower Upper

91 100

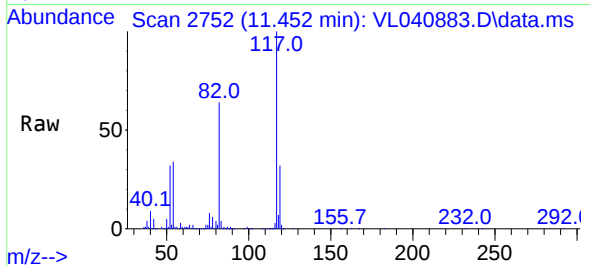
92 63.3 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37

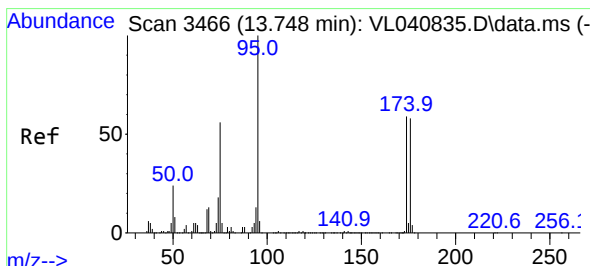
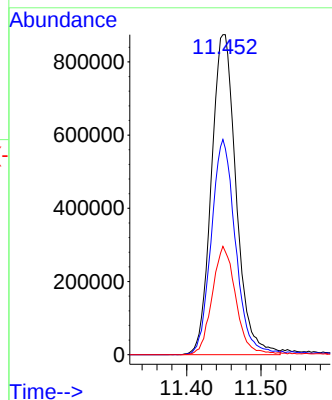
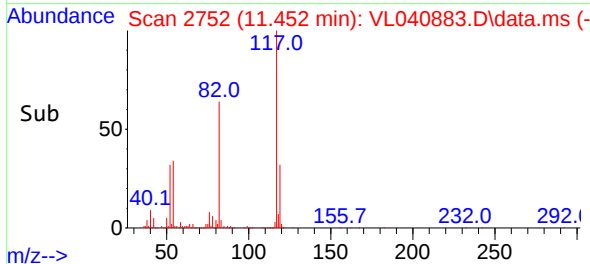
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NT-SS-8DL



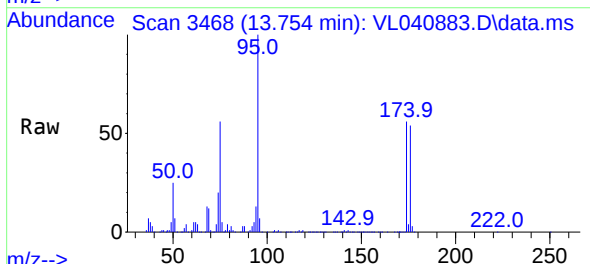
Tgt Ion:117 Resp: 202389
Ion Ratio Lower Upper
117 100
82 67.6 50.6 75.8
119 33.2 23.3 34.9

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Supervised By :Mahesh Dadoda 11/21/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.231 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. 0.006 min
Lab File: VL040883.D
Acq: 16 Nov 2023 00:37



Tgt Ion: 95 Resp: 1621230
Ion Ratio Lower Upper
95 100
174 57.3 47.5 71.3
175 4.4 3.6 5.4

