

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040254.D
 Acq On : 8 Mar 2023 14:57
 Operator : SY/MD
 Sample : 01836-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-IADL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:13:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	892936	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2211851	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	1934516	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1521616	9.565	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
3) Chlorodifluoromethane	2.665	51	15240	0.143	ppbv	96
9) Propene	2.690	41	7716m	0.177	ppbv	
13) Ethanol	3.240	45	19360m	4.837	ppbv	
15) Acetone	3.456	43	822584	7.652	ppbv	99
20) Methylene Chloride	3.922	84	181445	3.242	ppbv	98
26) Hexane	5.198	57	112383	1.310	ppbv #	36
52) Tetrachloroethene	10.603	164	4906m	0.091	ppbv	

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

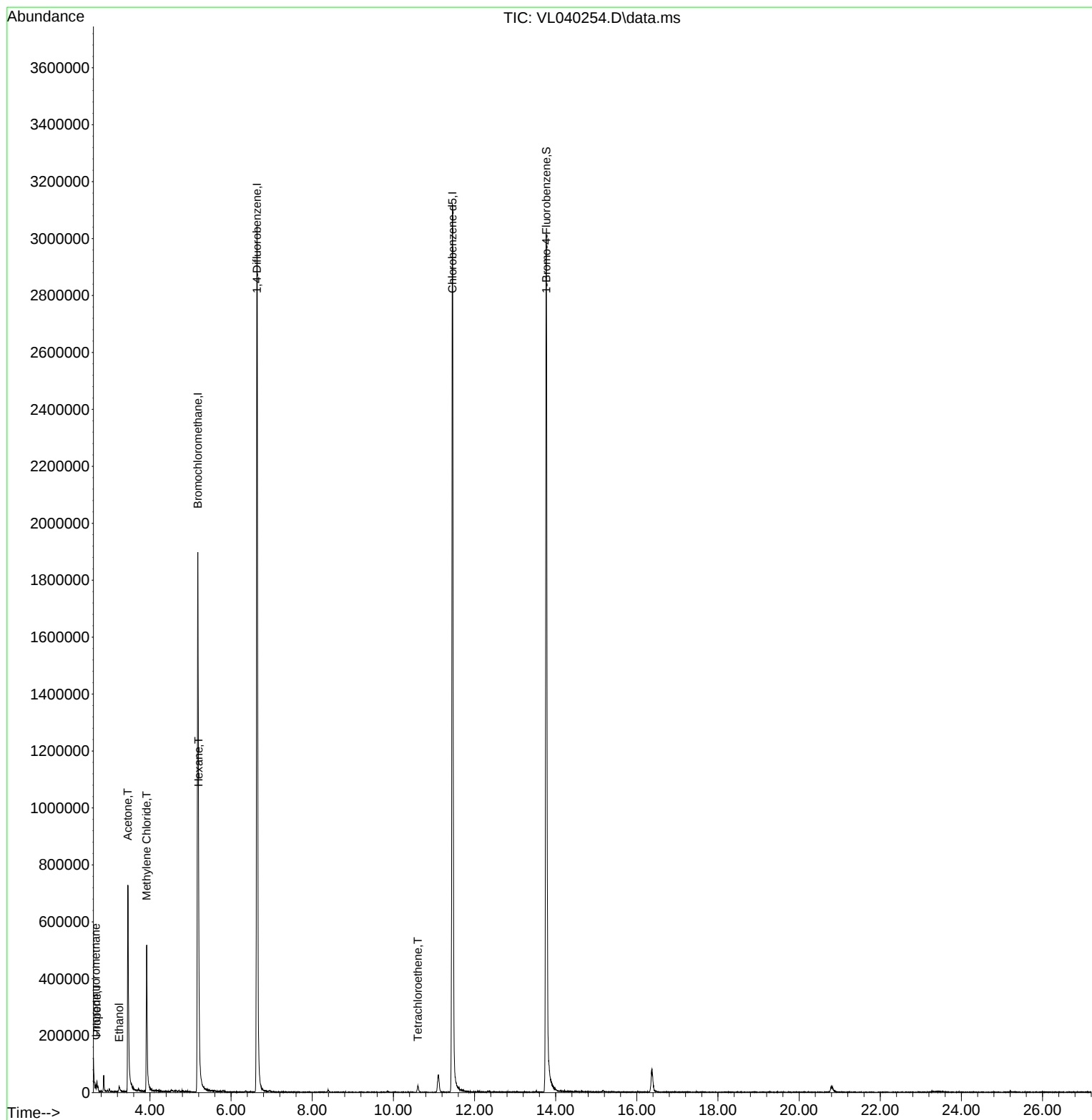
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040254.D
Acq On : 8 Mar 2023 14:57
Operator : SY/MD
Sample : 01836-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

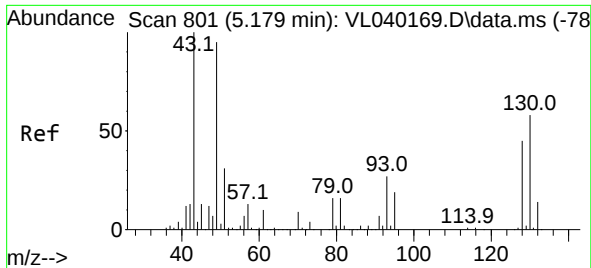
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL

Quant Time: Mar 09 04:13:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

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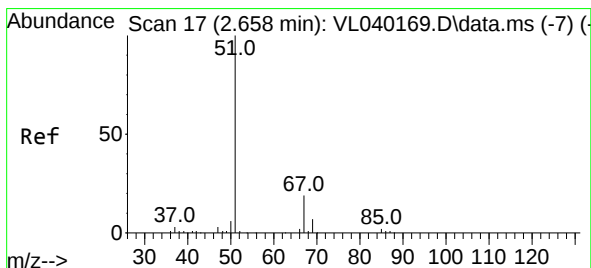
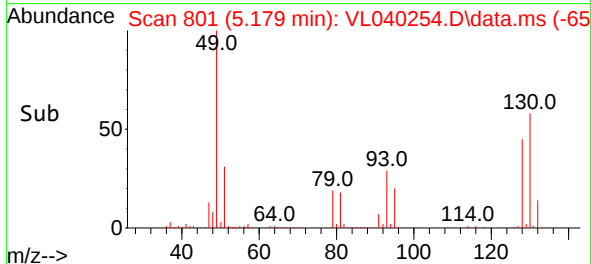
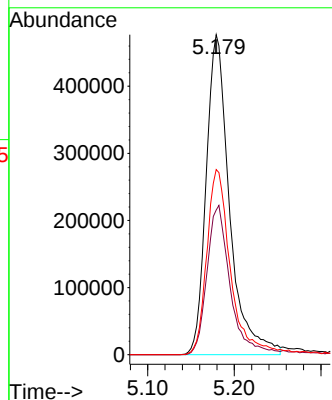
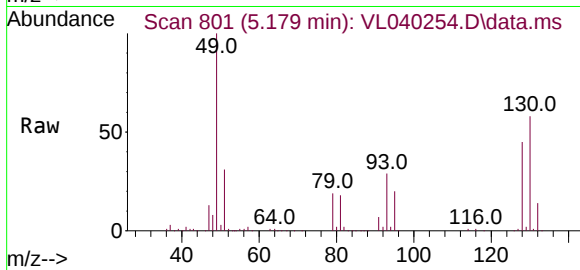
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL

Tgt Ion: 49 Resp: 892930
Ion Ratio Lower Upper
49 100
128 48.3 24.1 72.3
130 60.1 30.9 92.8

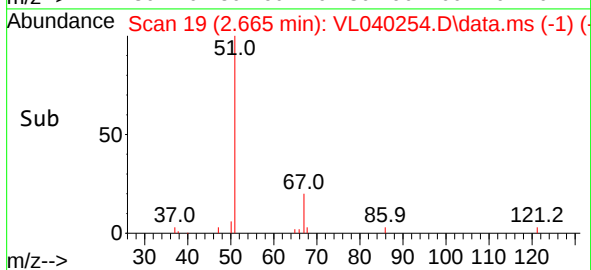
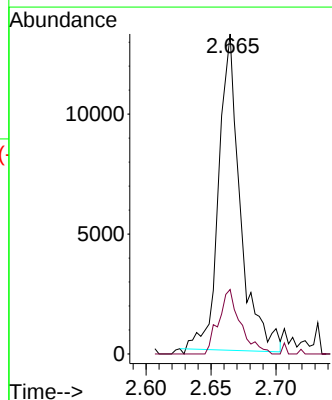
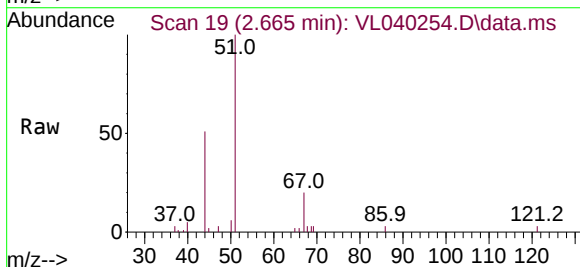
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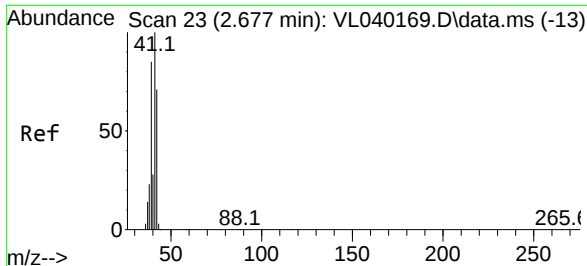
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#3
Chlorodifluoromethane
Concen: 0.143 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

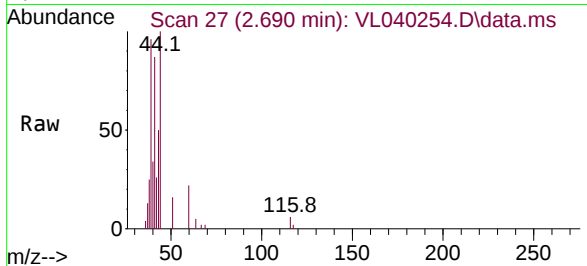
Tgt Ion: 51 Resp: 15240
Ion Ratio Lower Upper
51 100
67 21.1 15.4 23.2





#9
Propene
Concen: 0.177 ppbv m
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

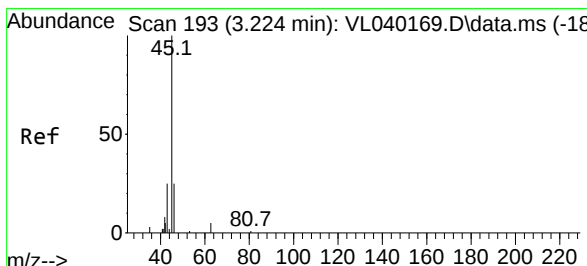
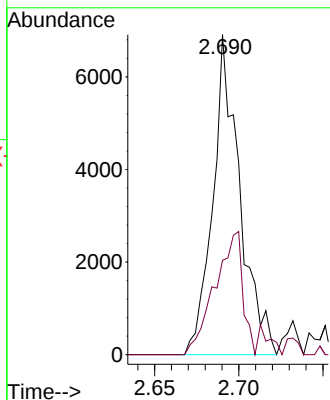
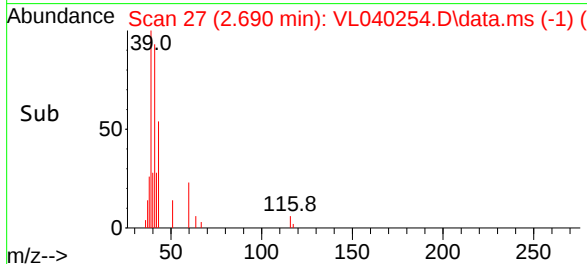
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL



Tgt Ion: 41 Resp: 7710
Ion Ratio Lower Upper
41 100
42 134.6 56.9 85.3

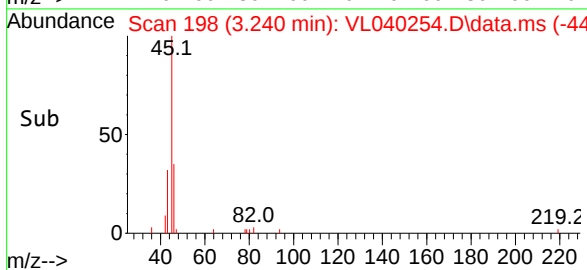
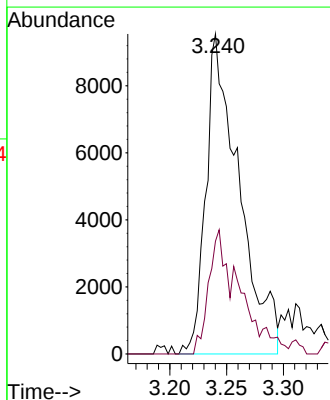
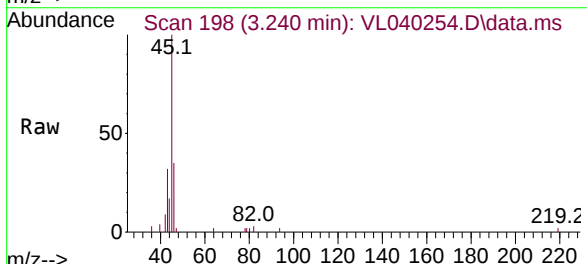
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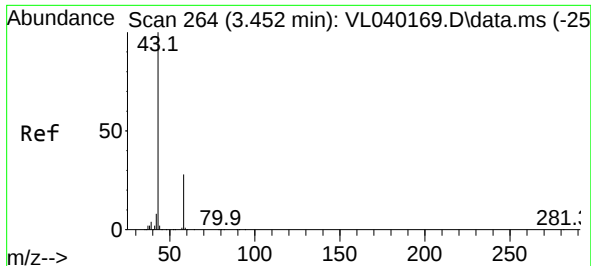
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#13
Ethanol
Concen: 4.837 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. -0.006 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

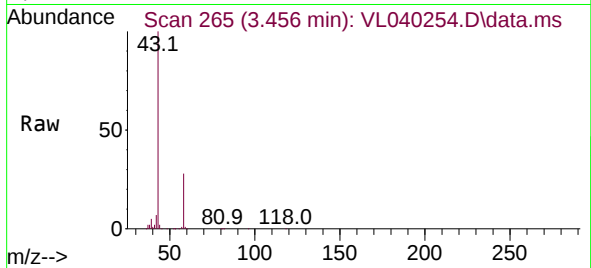
Tgt Ion: 45 Resp: 19360
Ion Ratio Lower Upper
45 100
46 37.9 13.3 53.1





#15
Acetone
Concen: 7.652 ppbv
RT: 3.456 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

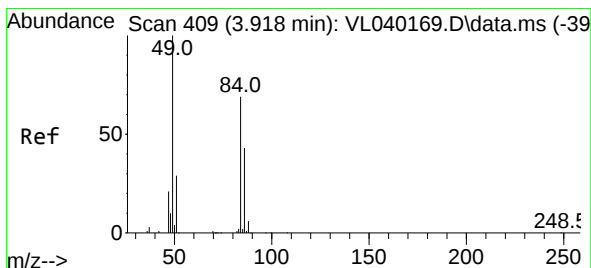
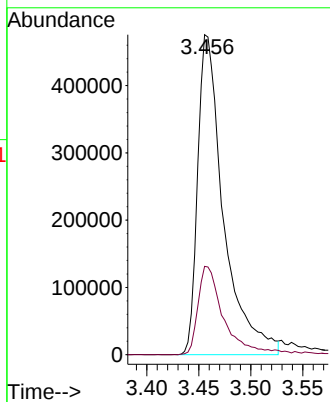
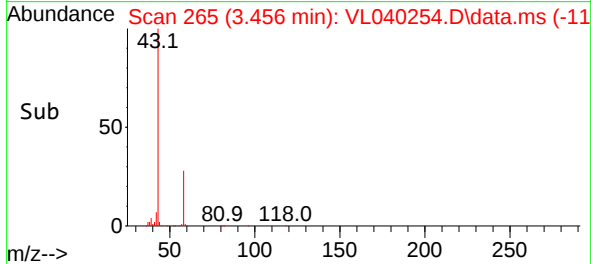
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL



Tgt Ion: 43 Resp: 822584
Ion Ratio Lower Upper
43 100
58 28.7 22.4 33.6

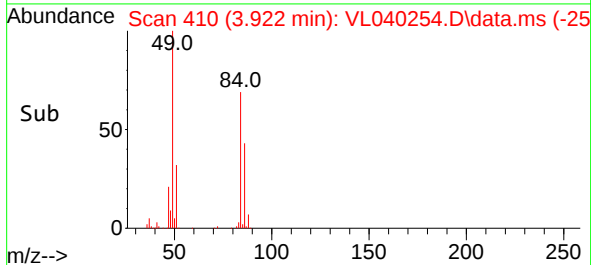
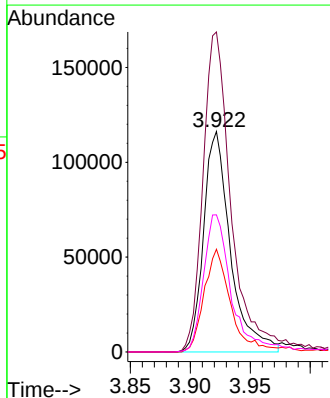
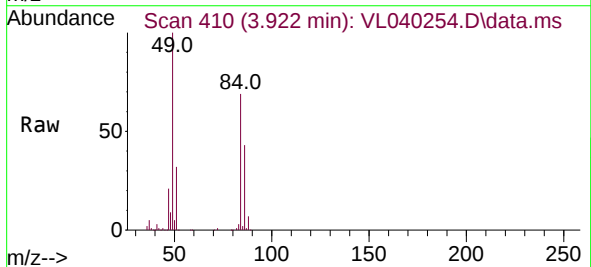
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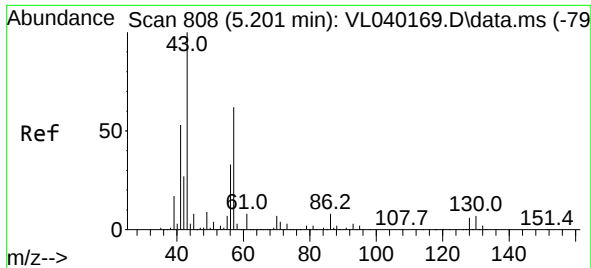
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 3.242 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

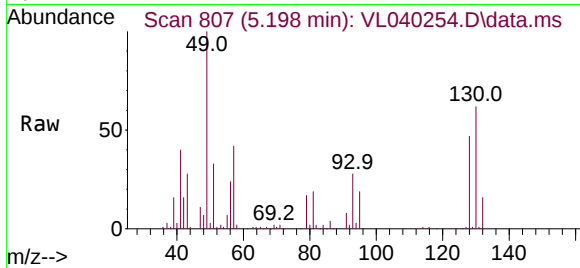
Tgt Ion: 84 Resp: 181445
Ion Ratio Lower Upper
84 100
49 144.9 115.5 173.3
51 46.6 33.1 49.7
86 62.0 50.2 75.2





#26
Hexane
Concen: 1.310 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.026 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57

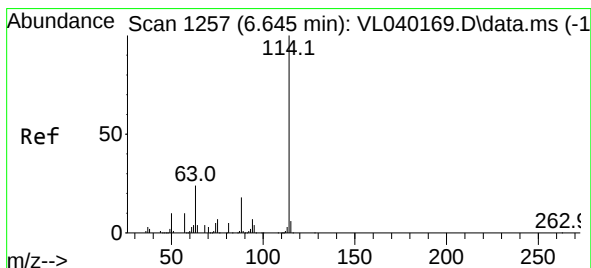
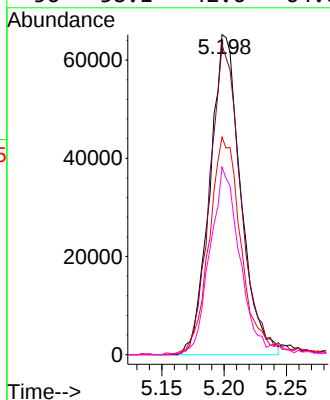
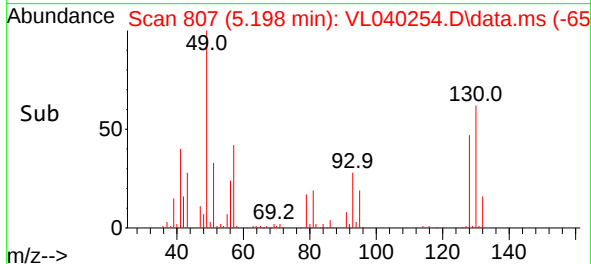
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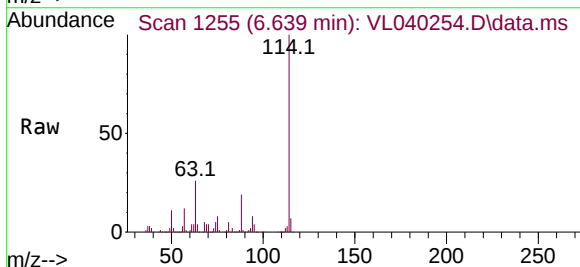
Tgt Ion: 57 Resp: 11238
Ion Ratio Lower Upper
57 100
41 99.3 74.3 111.5
43 72.1 193.0 289.4
56 58.1 42.6 64.0

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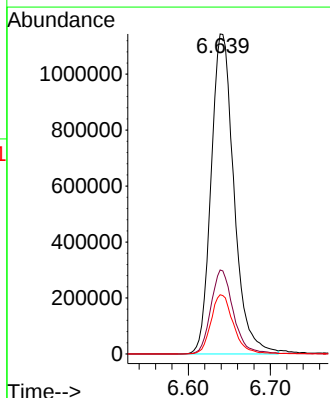
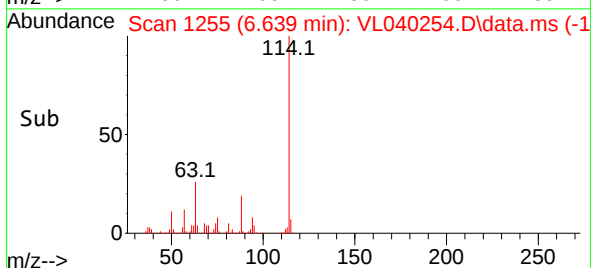
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

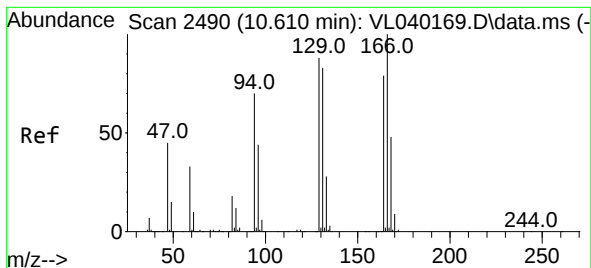


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040254.D
Acq: 8 Mar 2023 14:57



Tgt Ion:114 Resp: 2211851
Ion Ratio Lower Upper
114 100
63 25.9 20.4 30.6
88 18.3 14.3 21.5





#52

Tetrachloroethene

Concen: 0.091 ppbv m

RT: 10.603 min Scan# 2490

Delta R.T. -0.032 min

Lab File: VL040254.D

Acq: 8 Mar 2023 14:57

Instrument :

MSVOA_L

ClientSampleId :

LM-3723-IADL

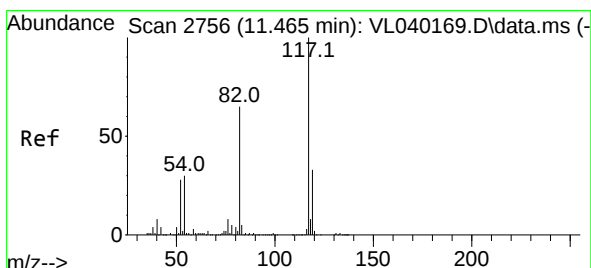
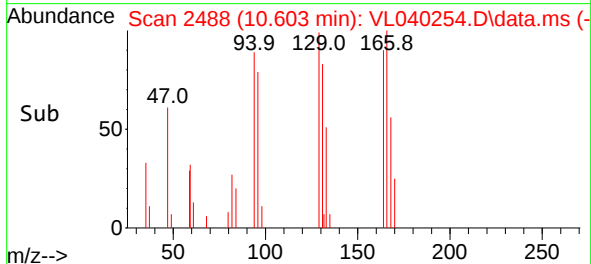
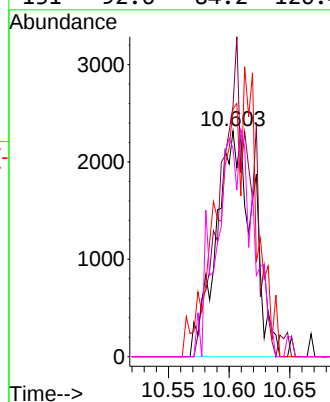
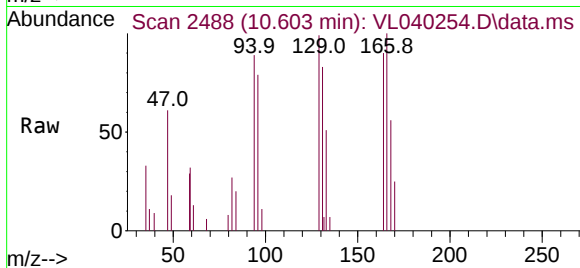
Tgt Ion:164 Resp: 4900

Ion	Ratio	Lower	Upper
164	100		
166	110.9	101.5	152.3
129	109.9	89.0	133.4
131	92.6	84.2	126.4

Manual Integrations

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Supervised By :Mahesh Dadoda 03/09/2023



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

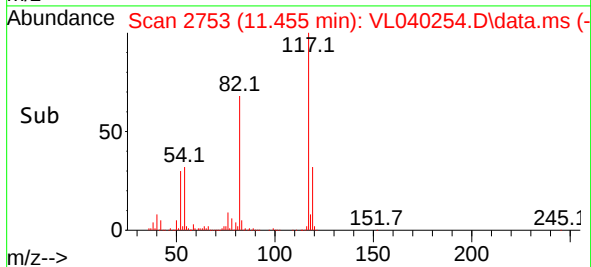
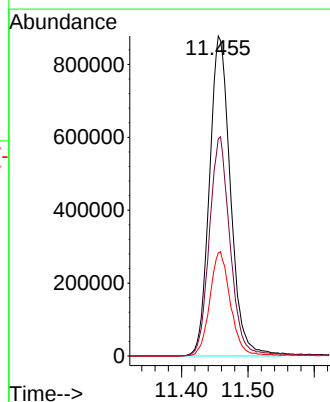
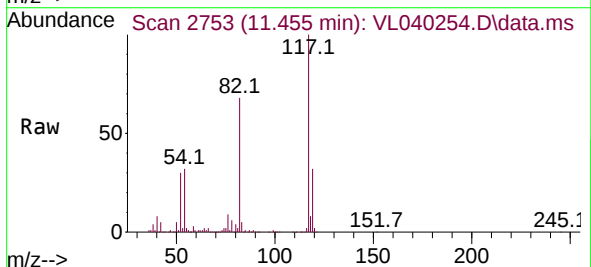
Delta R.T. -0.032 min

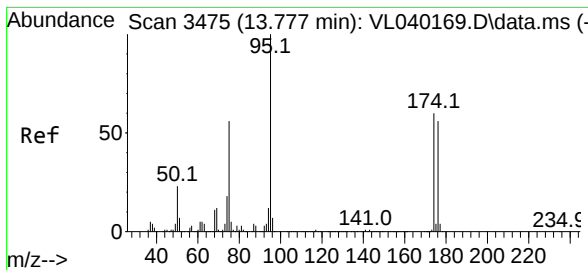
Lab File: VL040254.D

Acq: 8 Mar 2023 14:57

Tgt Ion:117 Resp: 1934516

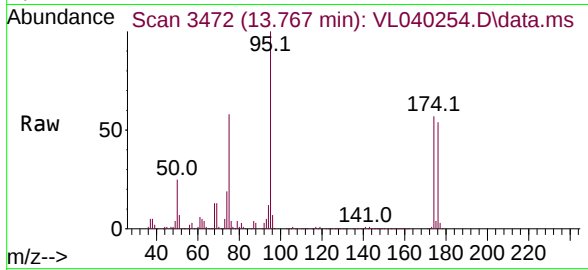
Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.3	79.9
119	32.4	24.6	37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.565 ppbv
 RT: 13.767 min Scan# 3475
 Delta R.T. -0.029 min
 Lab File: VL040254.D
 Acq: 8 Mar 2023 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-IADL



Tgt Ion: 95 Resp: 1521610
 Ion Ratio Lower Upper
 95 100
 174 59.5 48.2 72.2
 175 4.3 3.4 5.2

Manual Integrations
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 Supervised By :Mahesh Dadoda 03/09/2023

