

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040257.D
 Acq On : 8 Mar 2023 16:53
 Operator : SY/MD
 Sample : 01836-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DC-3723-SSDL

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 04:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	875149	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2176564	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	1904325	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1511500	9.652	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
13) Ethanol	3.253	45	6894m	1.757	ppbv	
15) Acetone	3.475	43	46893	0.445	ppbv	95
20) Methylene Chloride	3.925	84	44505	0.811	ppbv	91
26) Hexane	5.198	57	18156	0.216	ppbv #	32
52) Tetrachloroethene	10.606	164	168861	3.193	ppbv	97

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

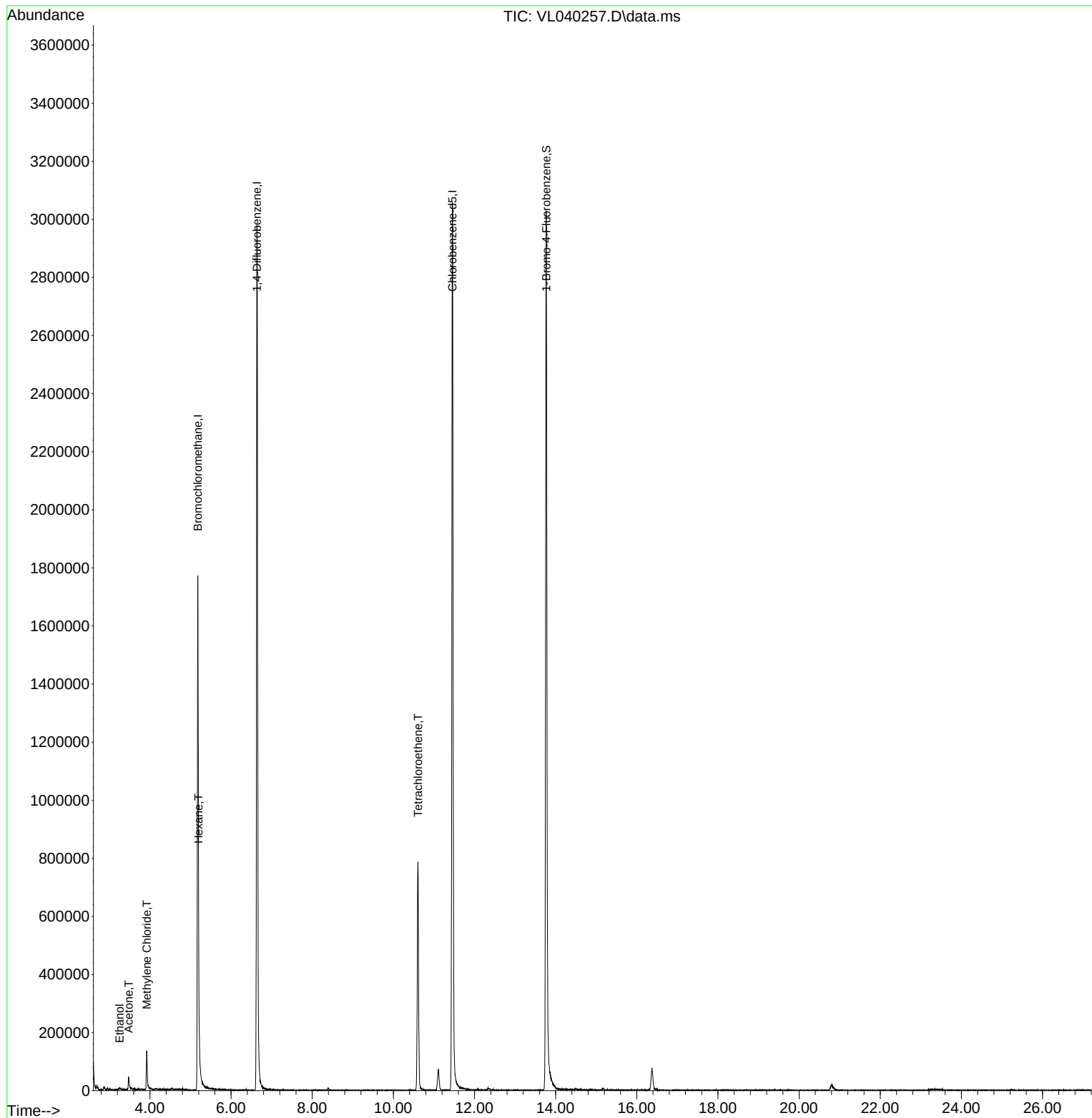
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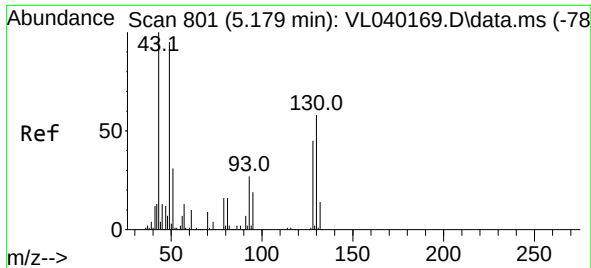
Instrument :
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ClientSampleId :
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Quant Time: Mar 09 04:14:21 2023
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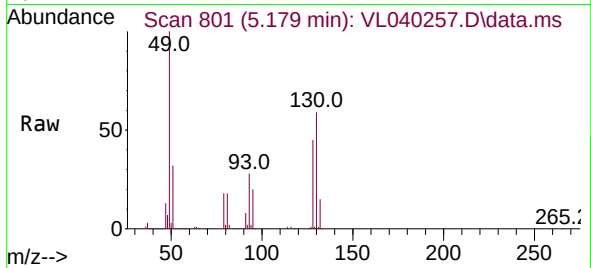
Reviewed By : Semsettin Yesilyurt 03/09/2023
Supervised By : Mahesh Dadoda 03/09/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

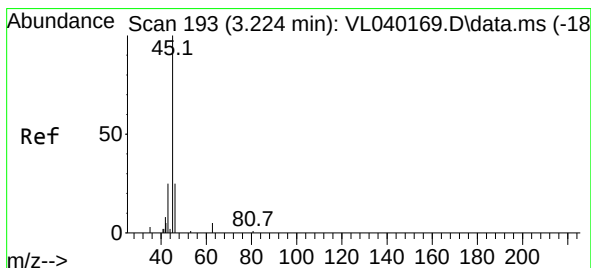
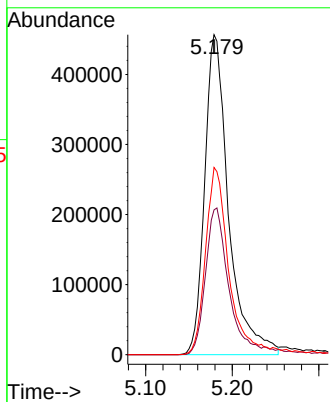
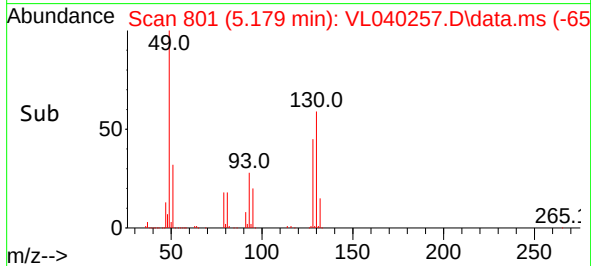
Instrument :
MSVOA_L
ClientSampleId :
DC-3723-SSDL



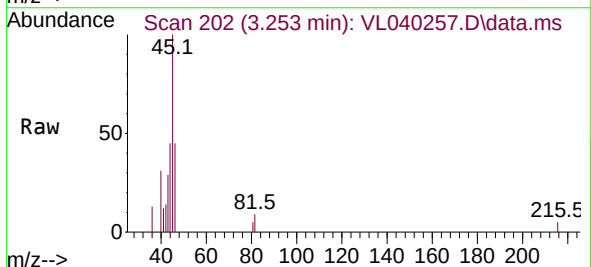
Tgt Ion: 49 Resp: 875149
Ion Ratio Lower Upper
49 100
128 47.5 24.1 72.3
130 59.0 30.9 92.8

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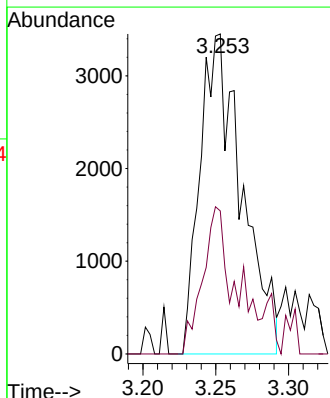
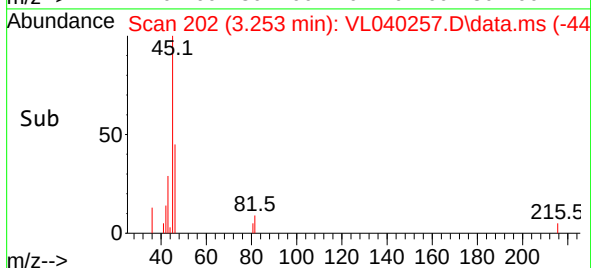
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Supervised By :Mahesh Dadoda 03/09/2023

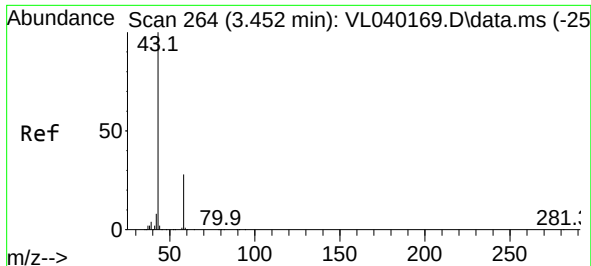


#13
Ethanol
Concen: 1.757 ppbv m
RT: 3.253 min Scan# 202
Delta R.T. 0.007 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53



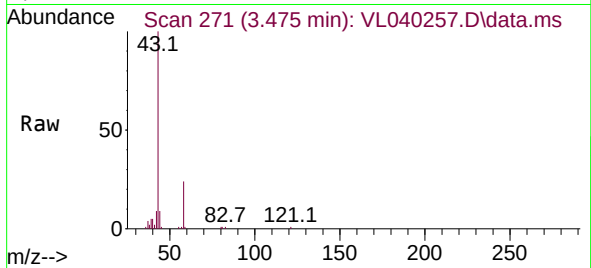
Tgt Ion: 45 Resp: 6894
Ion Ratio Lower Upper
45 100
46 43.1 13.3 53.1





#15
Acetone
Concen: 0.445 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

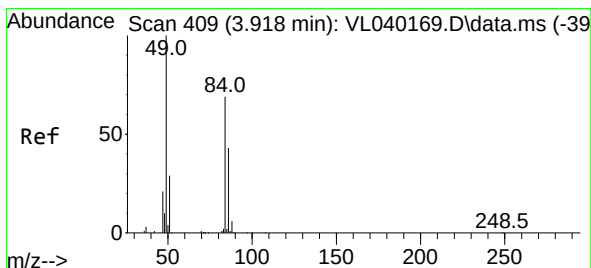
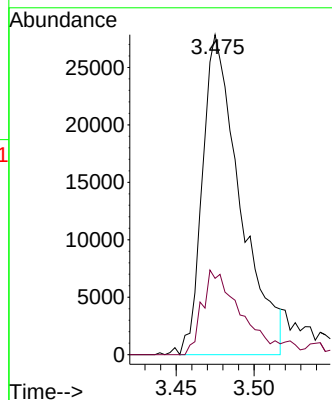
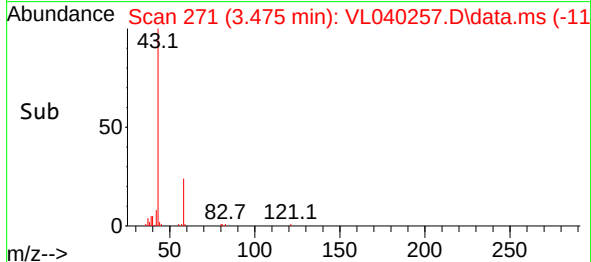
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ClientSampleId :
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Tgt Ion: 43 Resp: 4689
Ion Ratio Lower Upper
43 100
58 30.9 22.4 33.6

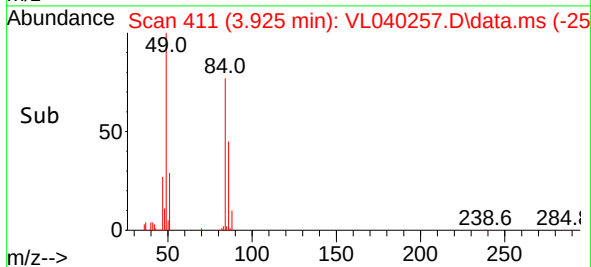
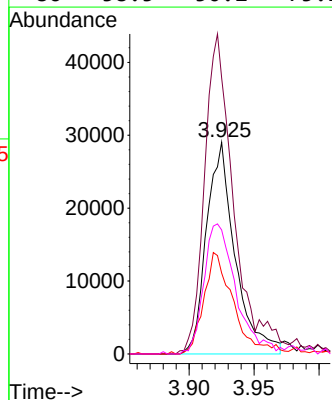
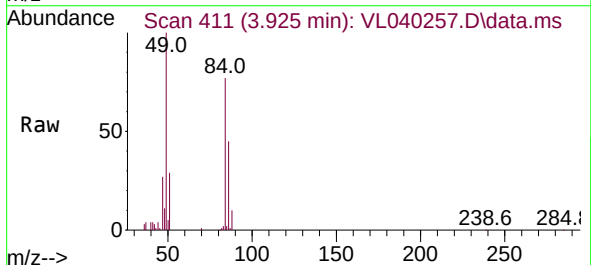
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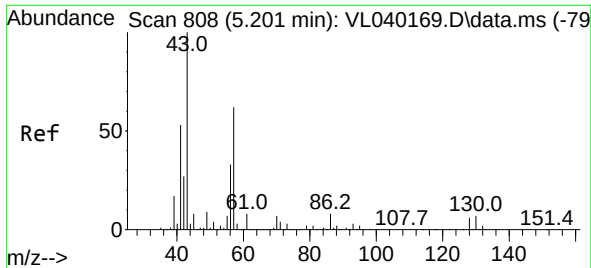
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 0.811 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

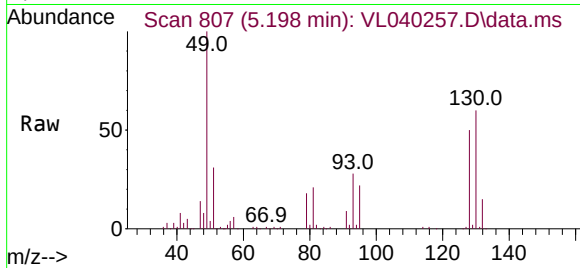
Tgt Ion: 84 Resp: 44505
Ion Ratio Lower Upper
84 100
49 128.9 115.5 173.3
51 38.2 33.1 49.7
86 58.5 50.2 75.2





#26
Hexane
Concen: 0.216 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.026 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

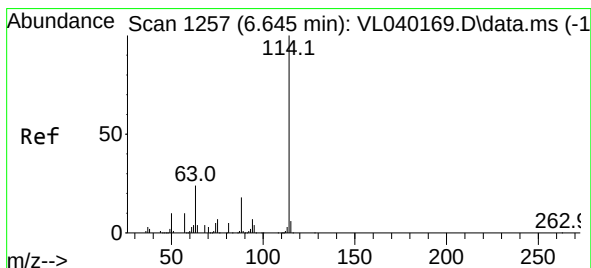
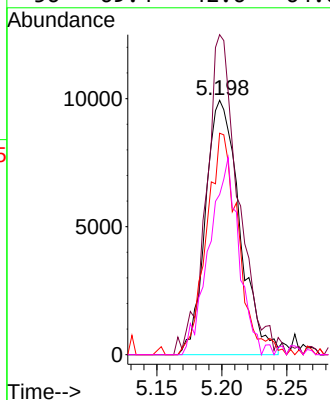
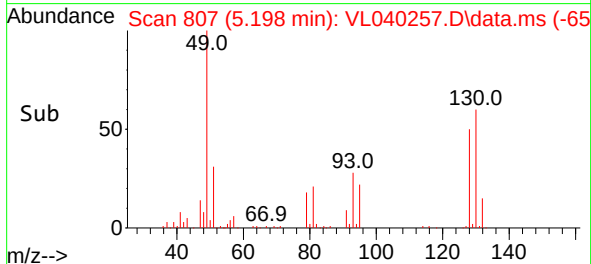
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ClientSampleId :
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Tgt Ion: 57 Resp: 18150
Ion Ratio Lower Upper
57 100
41 119.1 74.3 111.5
43 81.9 193.0 289.4
56 69.4 42.6 64.0

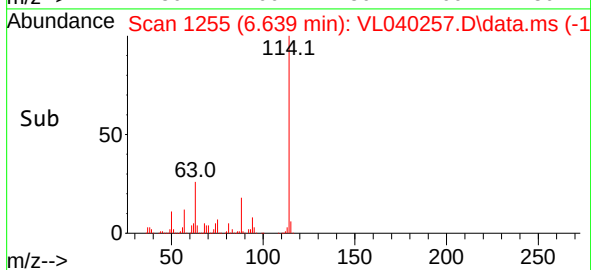
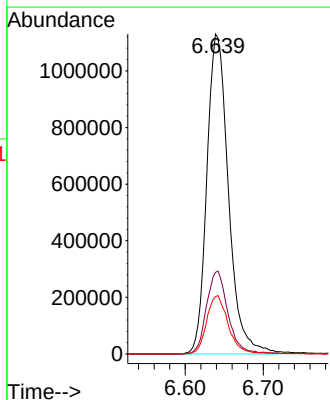
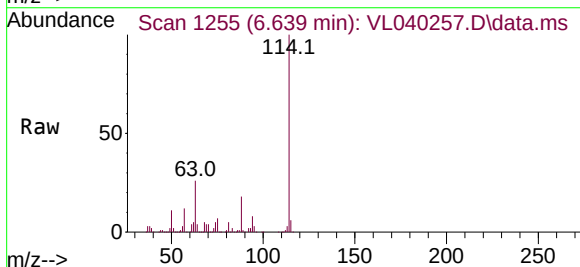
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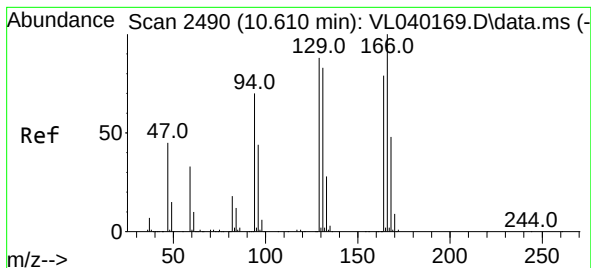
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

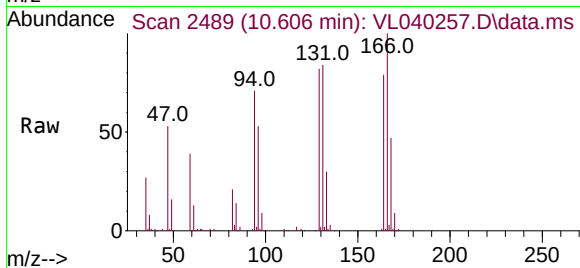
Tgt Ion:114 Resp: 2176564
Ion Ratio Lower Upper
114 100
63 26.1 20.4 30.6
88 18.3 14.3 21.5





#52
Tetrachloroethene
Concen: 3.193 ppbv
RT: 10.606 min Scan# 2490
Delta R.T. -0.029 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

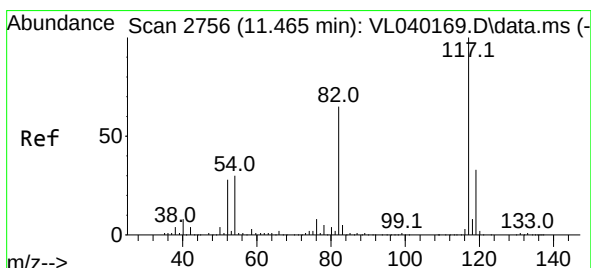
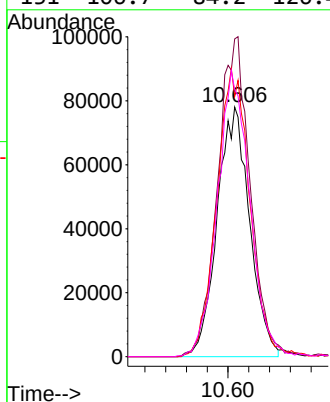
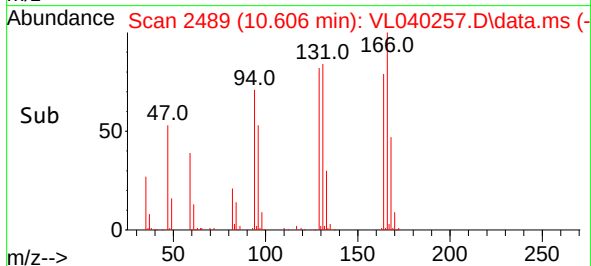
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Tgt Ion:164 Resp: 16886
Ion Ratio Lower Upper
164 100
166 127.3 101.5 152.3
129 104.3 89.0 133.4
131 106.7 84.2 126.4

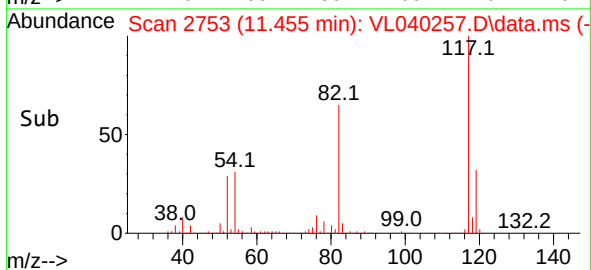
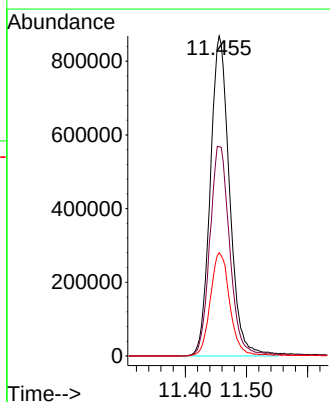
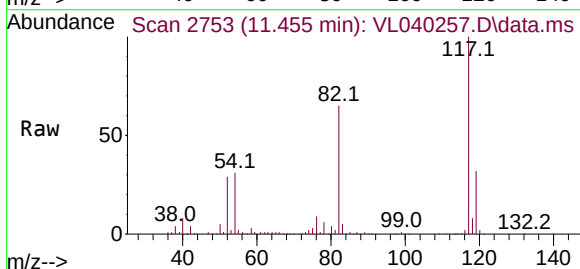
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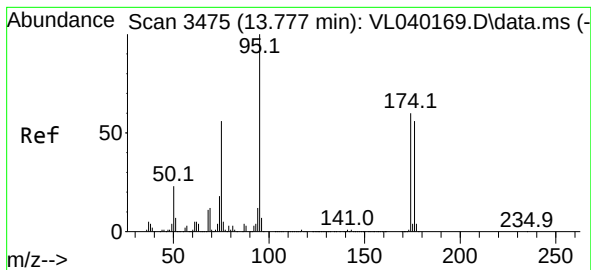
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.032 min
Lab File: VL040257.D
Acq: 8 Mar 2023 16:53

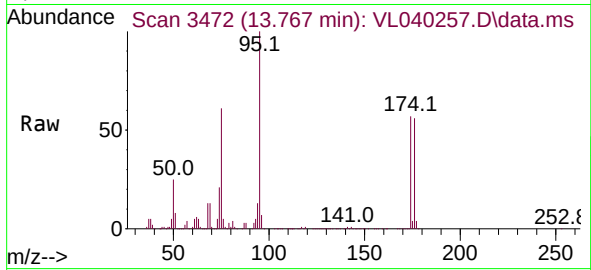
Tgt Ion:117 Resp: 1904325
Ion Ratio Lower Upper
117 100
82 68.1 53.3 79.9
119 32.9 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.652 ppbv
 RT: 13.767 min Scan# 3475
 Delta R.T. -0.029 min
 Lab File: VL040257.D
 Acq: 8 Mar 2023 16:53

Instrument :
 MSVOA_L
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 DC-3723-SSDL



Tgt Ion: 95 Resp: 1511500
 Ion Ratio Lower Upper
 95 100
 174 58.1 48.2 72.2
 175 4.2 3.4 5.2

Manual Integrations
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