

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040260.D
 Acq On : 8 Mar 2023 18:49
 Operator : SY/MD
 Sample : 01836-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-SSDL

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 04:15:25 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023

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	867596	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2188581	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.455	117	1892748	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1513982	9.727	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.665	51	7343	0.071	ppbv	93
9) Propene	2.694	41	5008m	0.119	ppbv	
13) Ethanol	3.240	45	43923	11.293	ppbv	89
15) Acetone	3.465	43	149775	1.434	ppbv	96
20) Methylene Chloride	3.922	84	159500	2.933	ppbv	97
26) Hexane	5.202	57	81087	0.973	ppbv #	34
31) cis-1,2-Dichloroethene	5.067	61	18488	0.233	ppbv #	73
38) Trichloroethene	7.275	130	21634m	0.231	ppbv	
52) Tetrachloroethene	10.603	164	851698	16.014	ppbv	98
59) m/p-Xylene	12.333	91	42406m	0.208	ppbv	

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

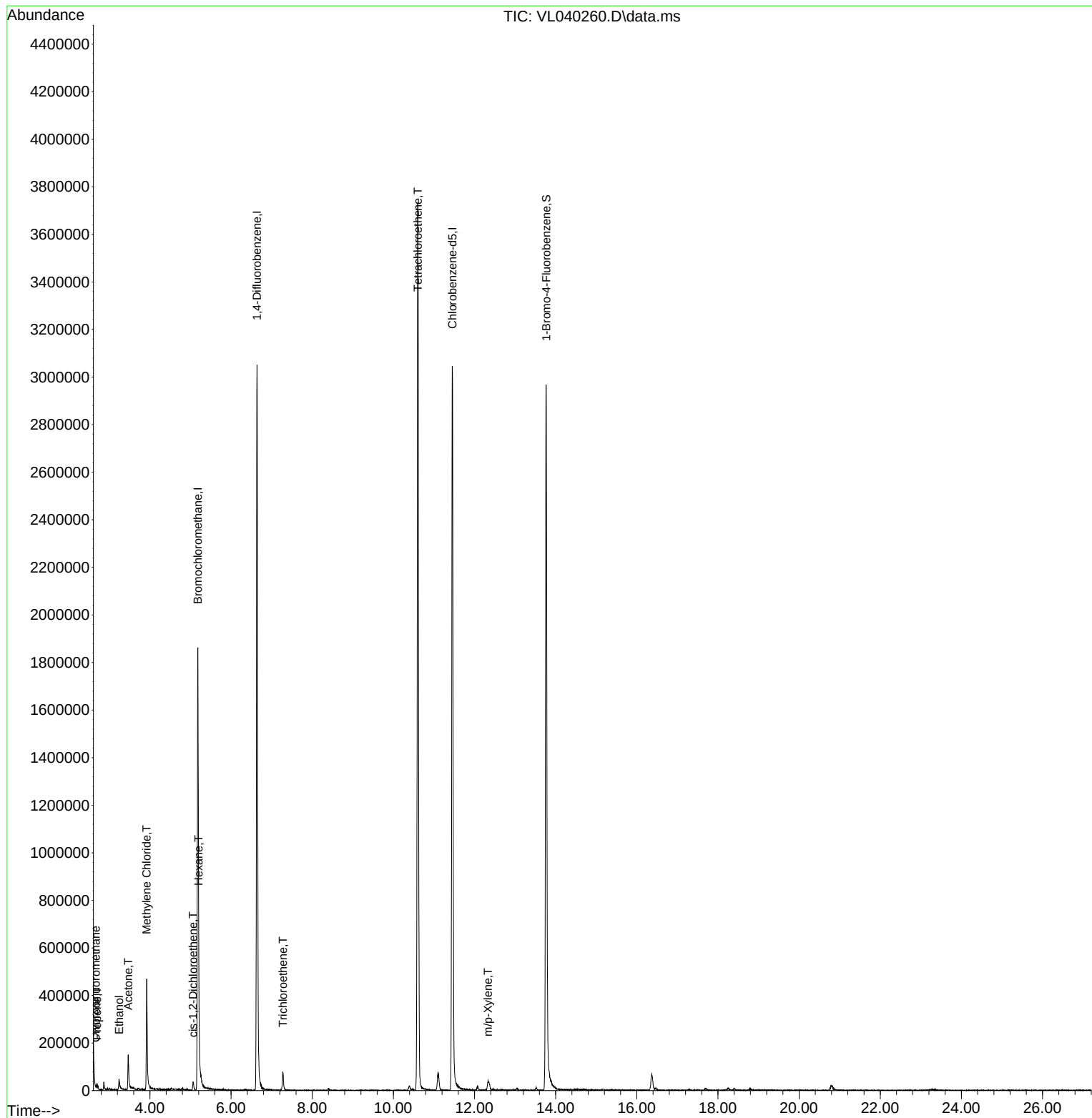
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040260.D
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Sample : 01836-04DL 10X
Misc : 400mL/MSVOA_L
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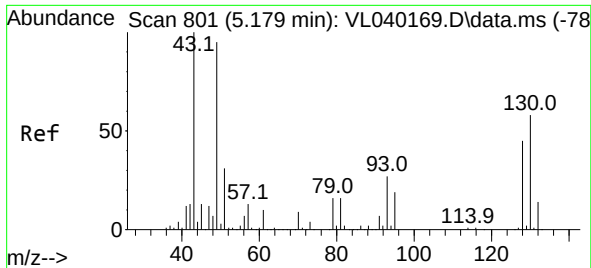
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

Quant Time: Mar 09 04:15:25 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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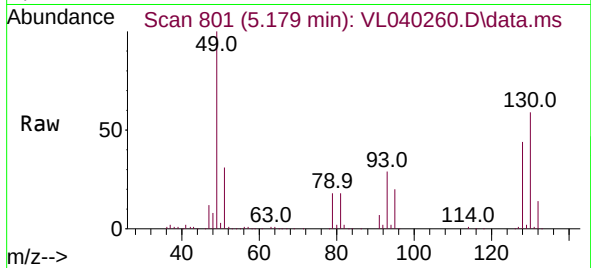
Reviewed By : Semsettin Yesilyurt 03/09/2023
Supervised By : Mahesh Dadoda 03/09/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

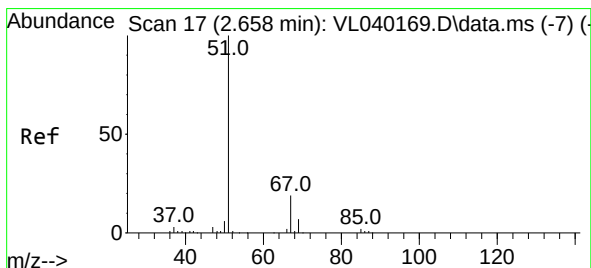
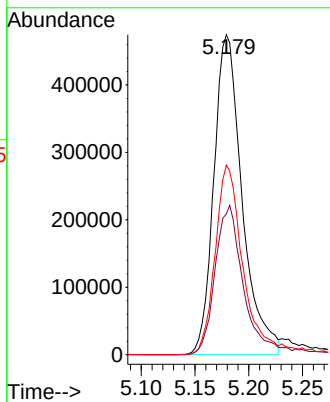
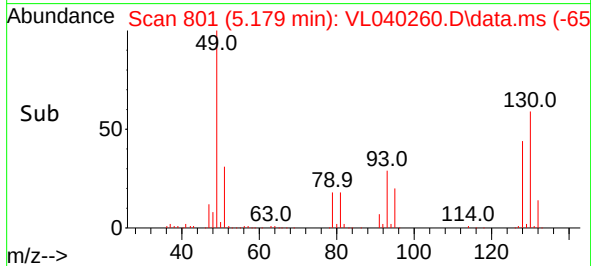
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL



Tgt Ion: 49 Resp: 867590
Ion Ratio Lower Upper
49 100
128 48.8 24.1 72.3
130 60.7 30.9 92.8

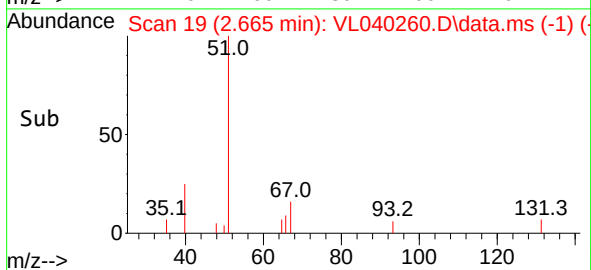
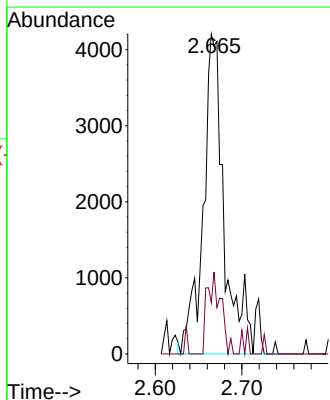
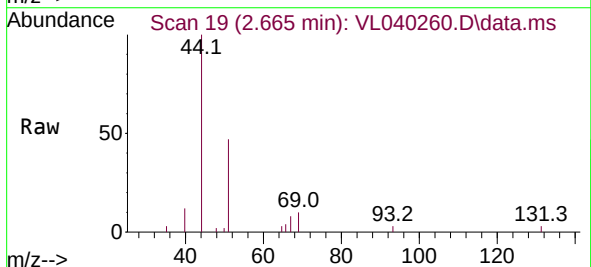
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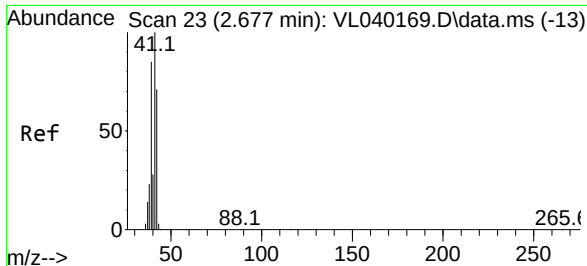
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#3
Chlorodifluoromethane
Concen: 0.071 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

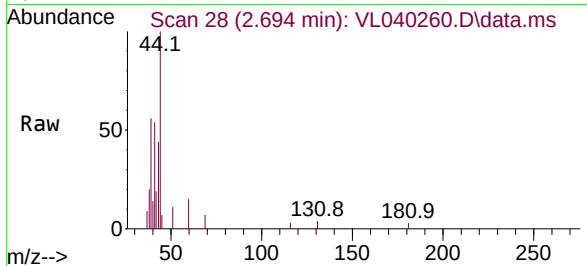
Tgt Ion: 51 Resp: 7343
Ion Ratio Lower Upper
51 100
67 16.0 15.4 23.2





#9
 Propene
 Concen: 0.119 ppbv m
 RT: 2.694 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040260.D
 Acq: 8 Mar 2023 18:49

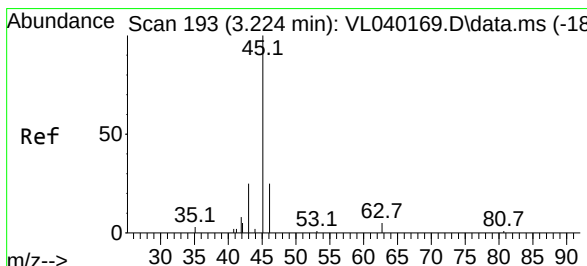
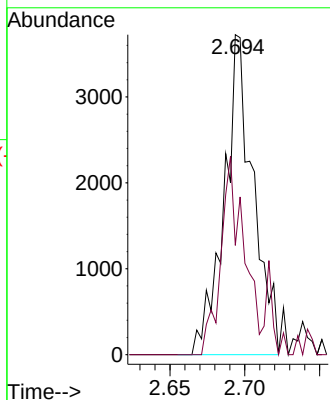
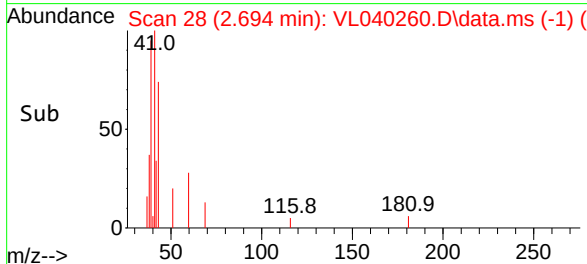
Instrument :
 MSVOA_L
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 LM-3723-SSDL



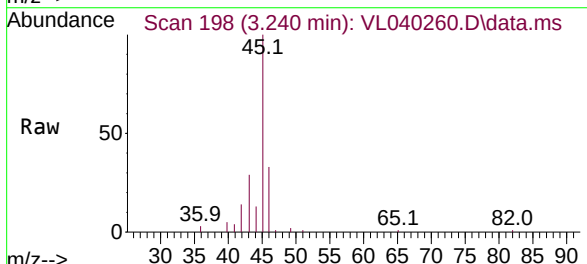
Tgt Ion: 41 Resp: 500
 Ion Ratio Lower Upper
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 42 56.8 56.9 85.3

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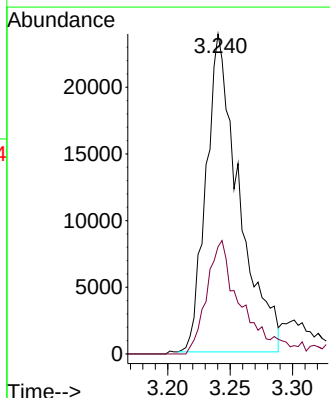
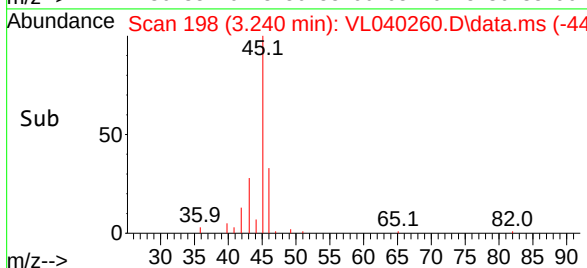
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

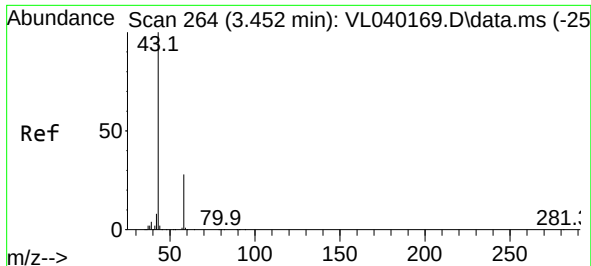


#13
 Ethanol
 Concen: 11.293 ppbv
 RT: 3.240 min Scan# 198
 Delta R.T. -0.006 min
 Lab File: VL040260.D
 Acq: 8 Mar 2023 18:49



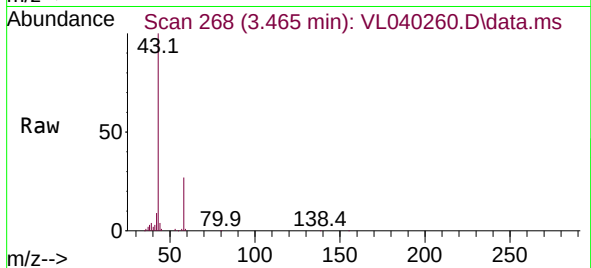
Tgt Ion: 45 Resp: 43923
 Ion Ratio Lower Upper
 45 100
 46 39.2 13.3 53.1





#15
Acetone
Concen: 1.434 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

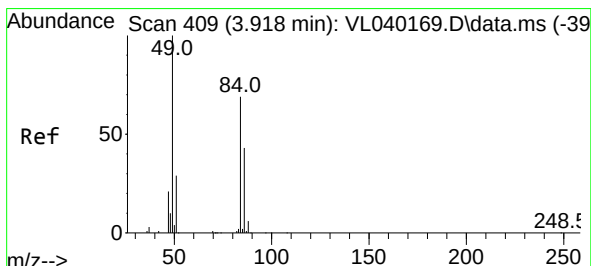
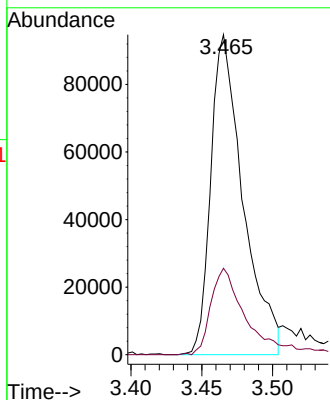
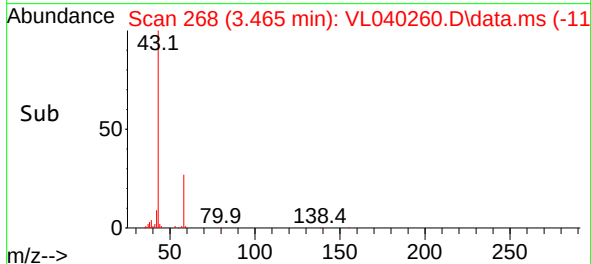
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL



Tgt Ion: 43 Resp: 149775
Ion Ratio Lower Upper
43 100
58 30.3 22.4 33.6

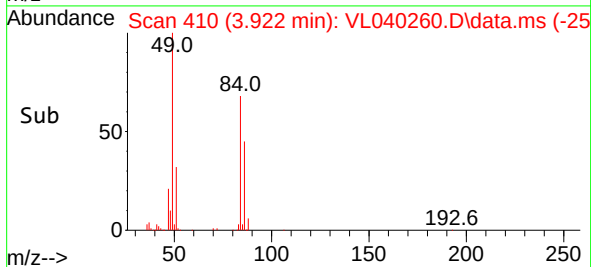
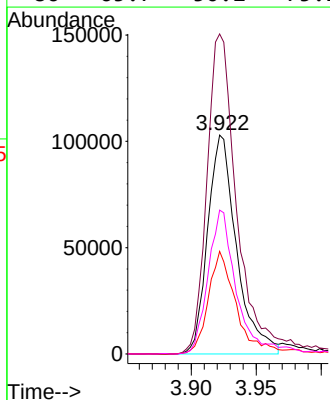
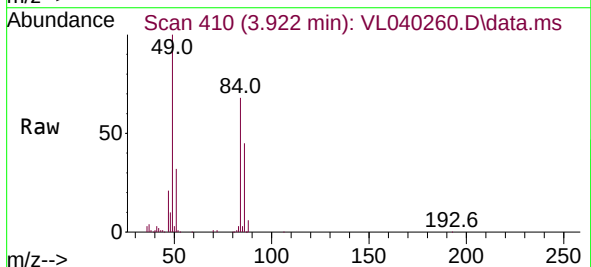
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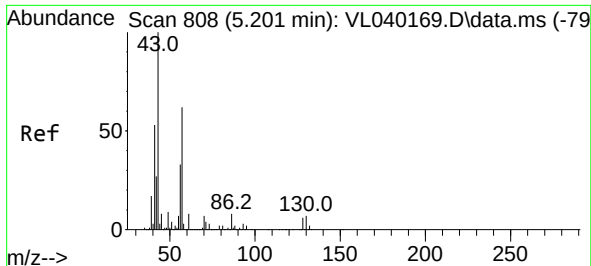
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 2.933 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

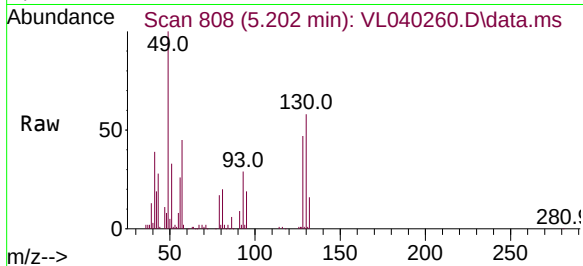
Tgt Ion: 84 Resp: 159500
Ion Ratio Lower Upper
84 100
49 146.0 115.5 173.3
51 46.7 33.1 49.7
86 65.7 50.2 75.2





#26
Hexane
Concen: 0.973 ppbv
RT: 5.202 min Scan# 808
Delta R.T. -0.022 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

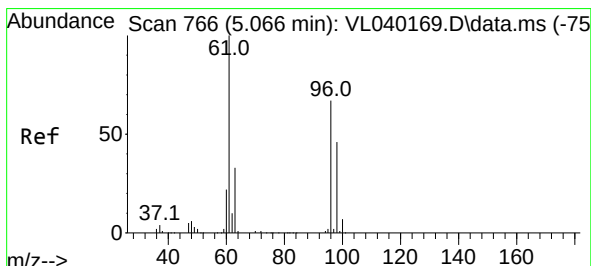
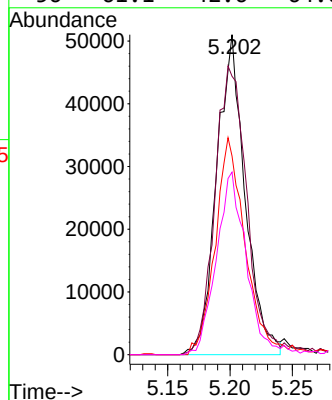
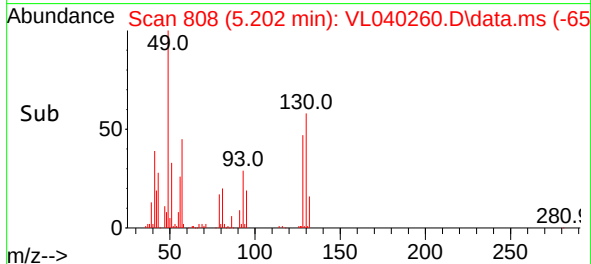
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL



Tgt Ion: 57 Resp: 8108
Ion Ratio Lower Upper
57 100
41 103.6 74.3 111.5
43 73.3 193.0 289.4
56 61.1 42.6 64.0

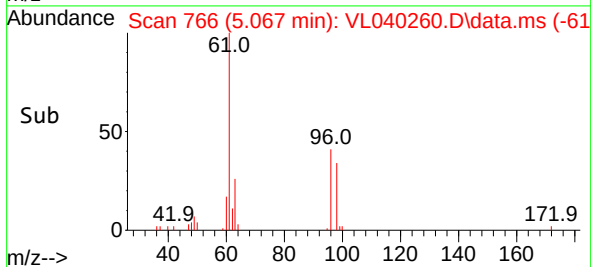
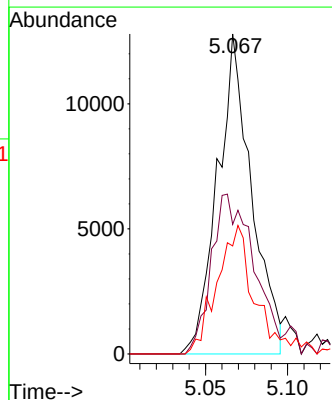
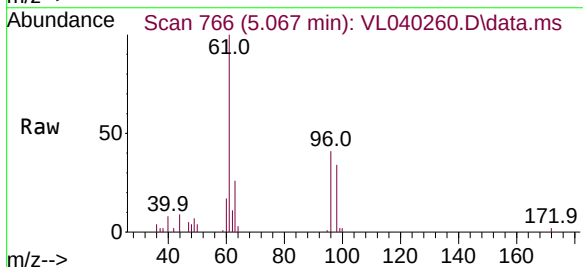
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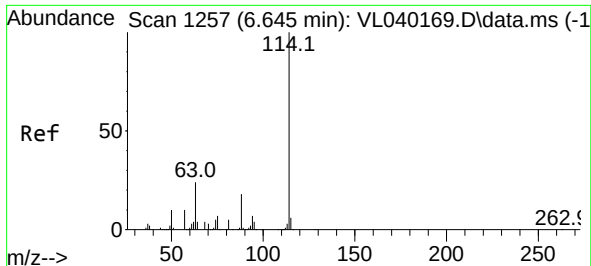
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#31
cis-1,2-Dichloroethene
Concen: 0.233 ppbv
RT: 5.067 min Scan# 766
Delta R.T. -0.019 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

Tgt Ion: 61 Resp: 18488
Ion Ratio Lower Upper
61 100
96 40.5 53.7 80.5#
98 33.8 36.4 54.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040260.D

Acq: 8 Mar 2023 18:49

Instrument :

MSVOA_L

ClientSampleId :

LM-3723-SSDL

Tgt Ion:114 Resp: 218858

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

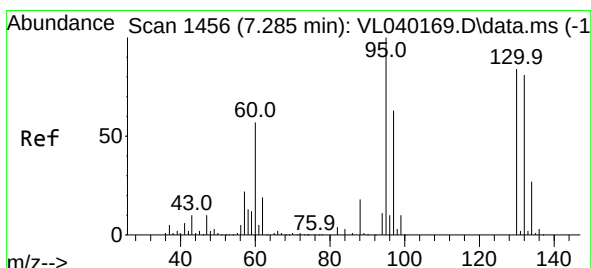
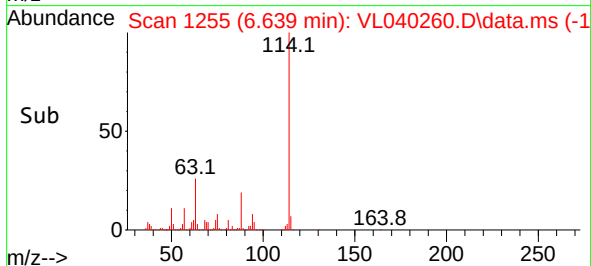
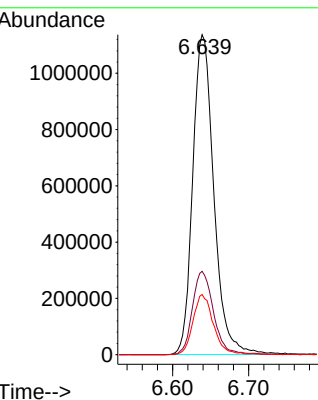
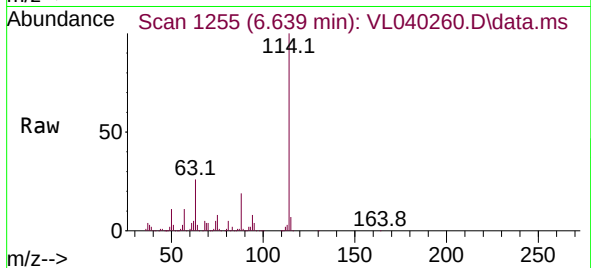
88 18.4 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#38

Trichloroethene

Concen: 0.231 ppbv m

RT: 7.275 min Scan# 1453

Delta R.T. -0.032 min

Lab File: VL040260.D

Acq: 8 Mar 2023 18:49

Tgt Ion:130 Resp: 21634

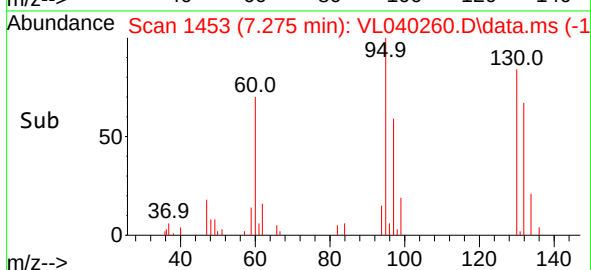
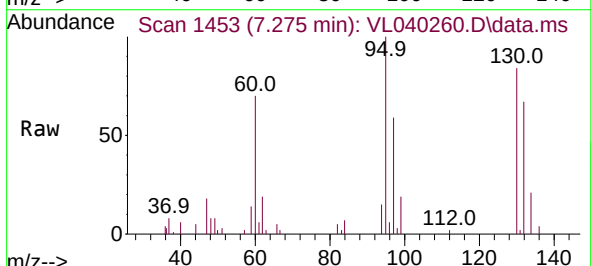
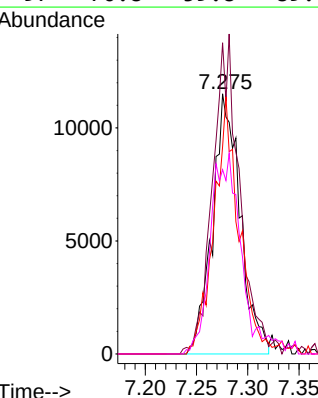
Ion Ratio Lower Upper

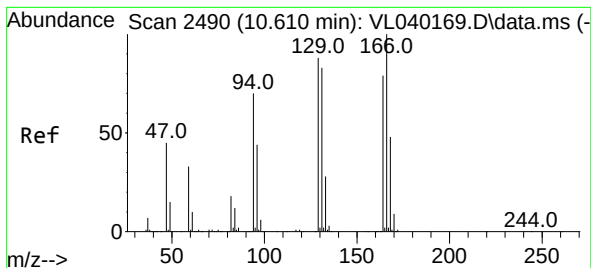
130 100

95 119.7 94.7 142.1

132 79.7 76.4 114.6

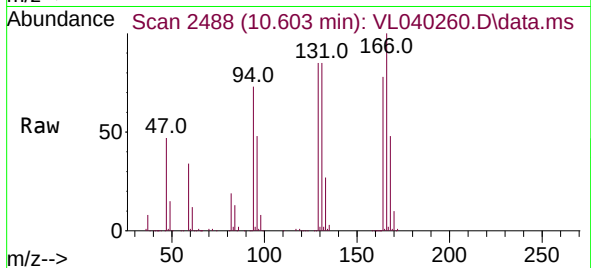
97 70.8 59.8 89.6





#52
Tetrachloroethene
Concen: 16.014 ppbv
RT: 10.603 min Scan# 2490
Delta R.T. -0.032 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

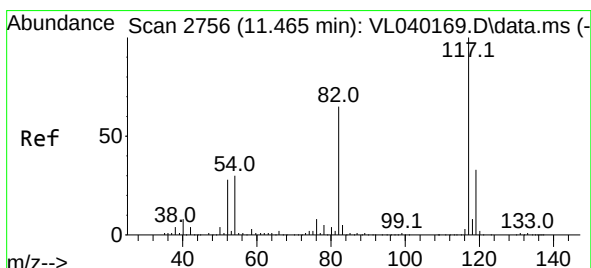
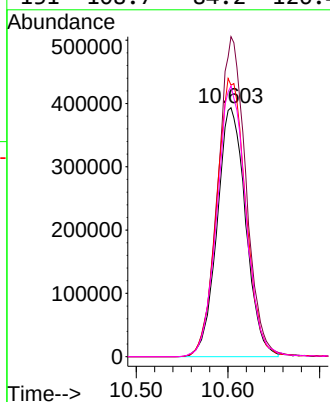
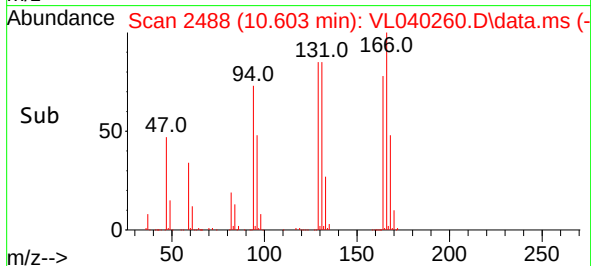
Instrument :
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LM-3723-SSDL



Tgt Ion:164 Resp: 851698
Ion Ratio Lower Upper
164 100
166 128.5 101.5 152.3
129 109.1 89.0 133.4
131 108.7 84.2 126.4

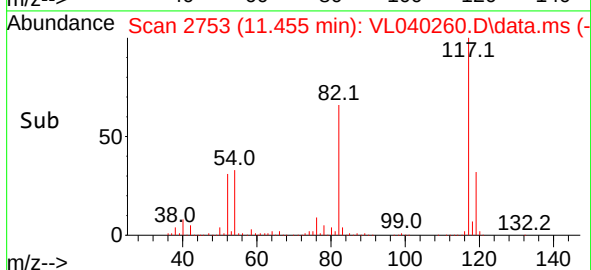
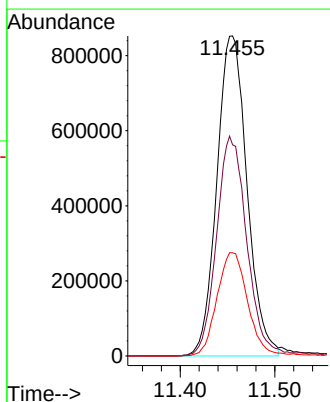
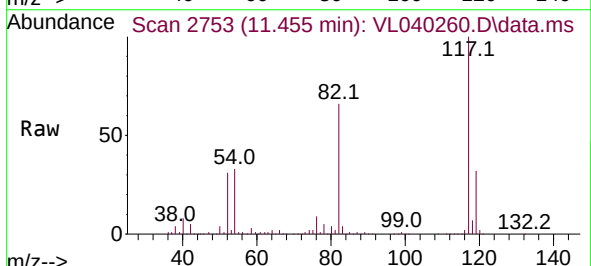
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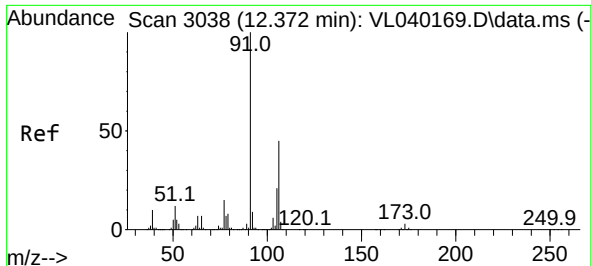
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. -0.032 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

Tgt Ion:117 Resp: 1892748
Ion Ratio Lower Upper
117 100
82 69.6 53.3 79.9
119 33.2 24.6 37.0





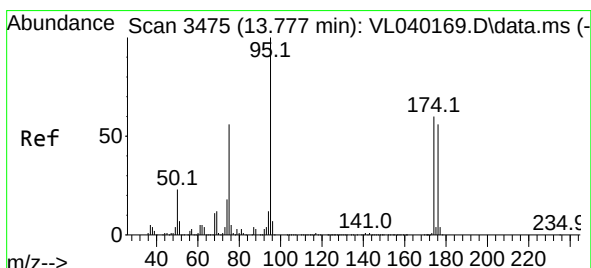
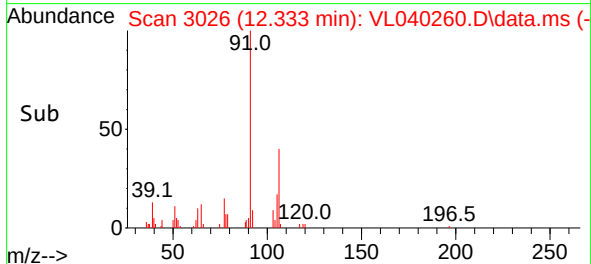
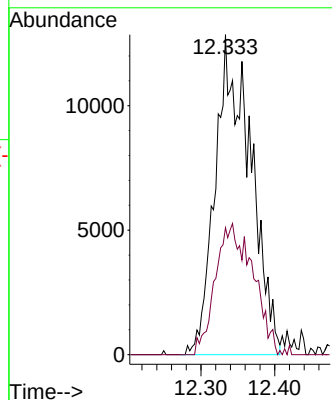
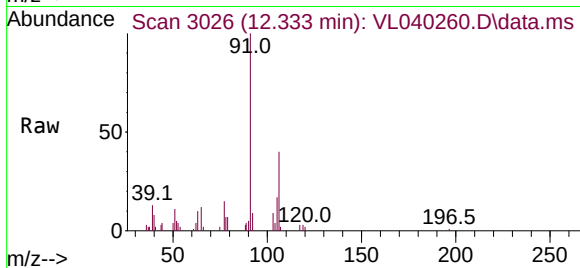
#59
m/p-Xylene
Concen: 0.208 ppbv m
RT: 12.333 min Scan# 3038
Delta R.T. -0.064 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

Tgt Ion: 91 Resp: 42400
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.727 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.029 min
Lab File: VL040260.D
Acq: 8 Mar 2023 18:49

Tgt Ion: 95 Resp: 1513982
Ion Ratio Lower Upper
95 100
174 59.7 48.2 72.2
175 4.3 3.4 5.2

