

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040261.D
 Acq On : 8 Mar 2023 19:27
 Operator : SY/MD
 Sample : 01836-04DL 20X
 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 04:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.176	49	841651	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2123703	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.452	117	1865725	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1472517	9.598	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.250	45	18354m	4.865	ppbv	
15) Acetone	3.468	43	72730	0.718	ppbv	94
20) Methylene Chloride	3.922	84	83392	1.581	ppbv	93
26) Hexane	5.198	57	41299	0.511	ppbv #	35
31) cis-1,2-Dichloroethene	5.066	61	7437m	0.097	ppbv	
38) Trichloroethene	7.282	130	7931m	0.087	ppbv	
52) Tetrachloroethene	10.603	164	317696m	6.156	ppbv	

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

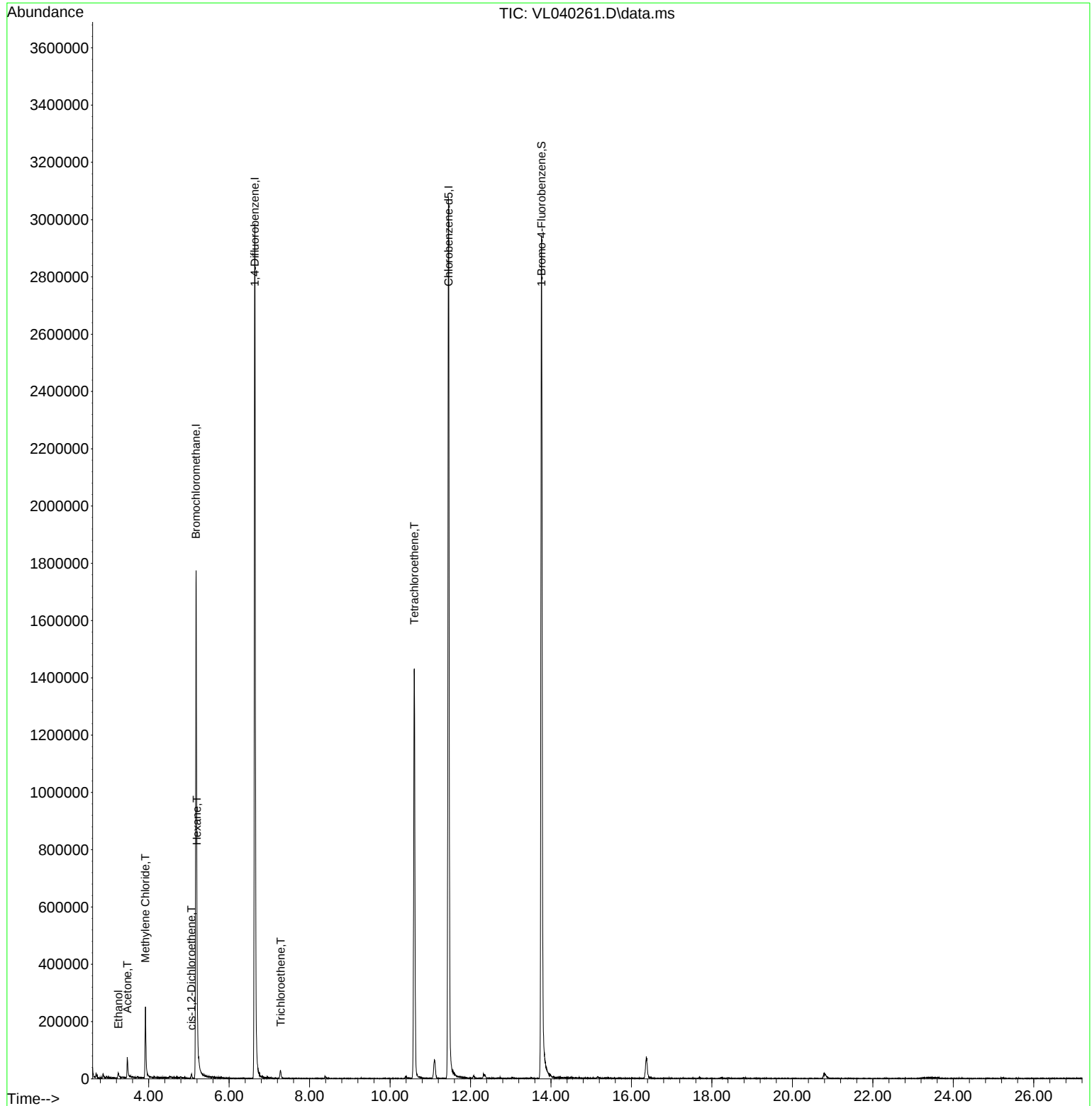
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
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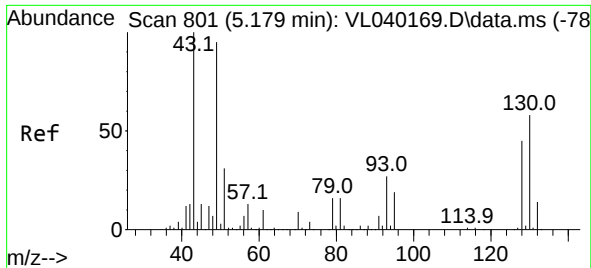
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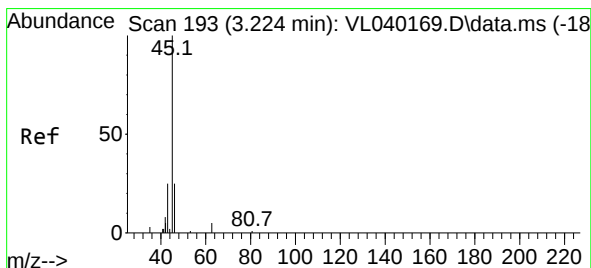
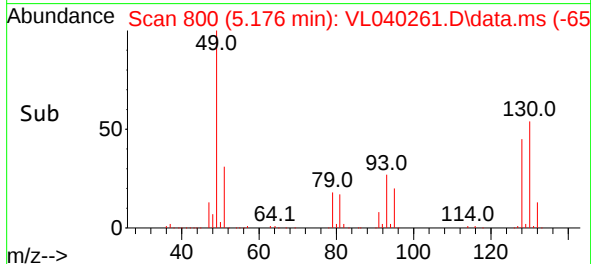
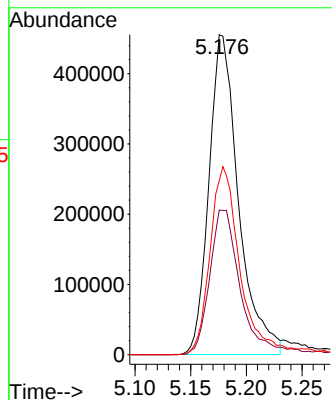
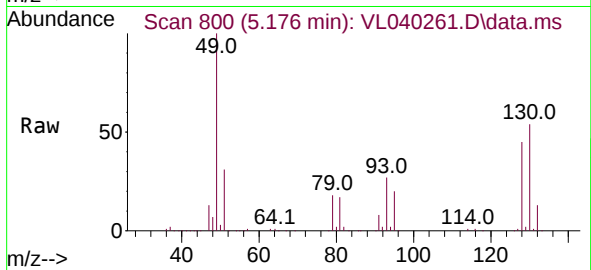
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 801
Delta R.T. -0.025 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL

Tgt Ion: 49 Resp: 84165
Ion Ratio Lower Upper
49 100
128 49.3 24.1 72.3
130 61.9 30.9 92.8

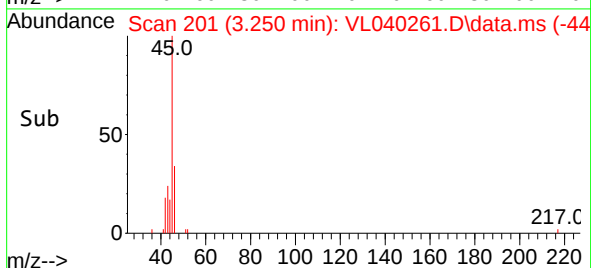
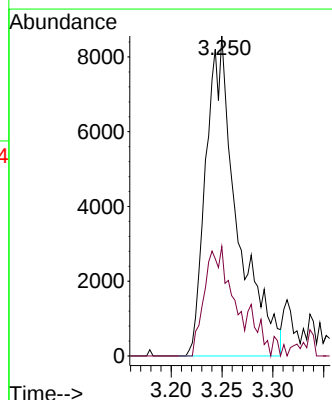
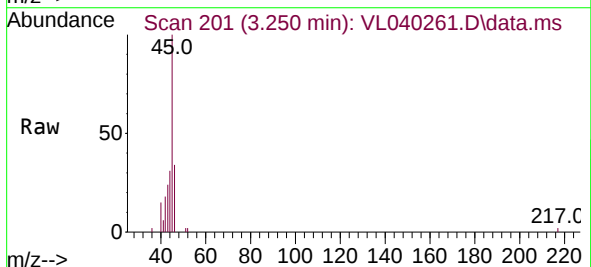
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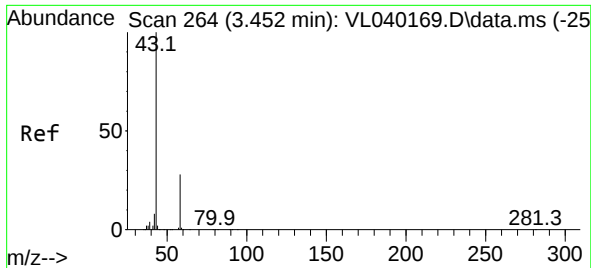
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#13
Ethanol
Concen: 4.865 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

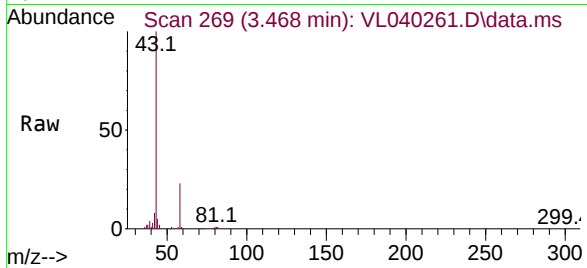
Tgt Ion: 45 Resp: 18354
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1#





#15
Acetone
Concen: 0.718 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

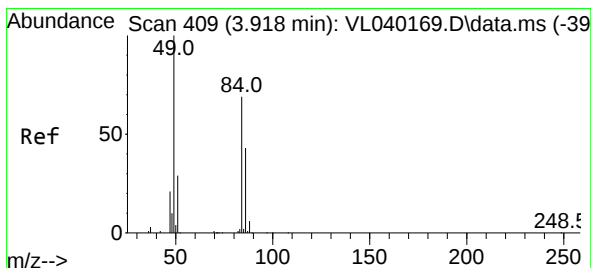
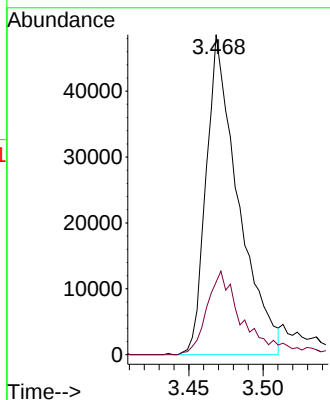
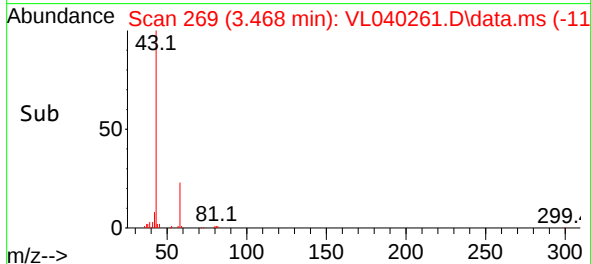
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL



Tgt Ion: 43 Resp: 72730
Ion Ratio Lower Upper
43 100
58 31.0 22.4 33.6

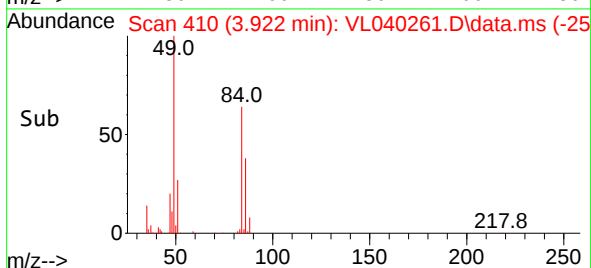
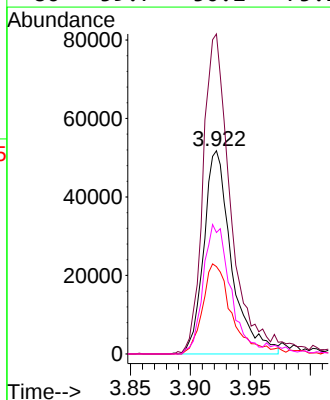
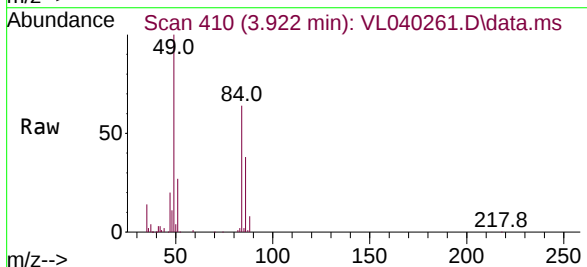
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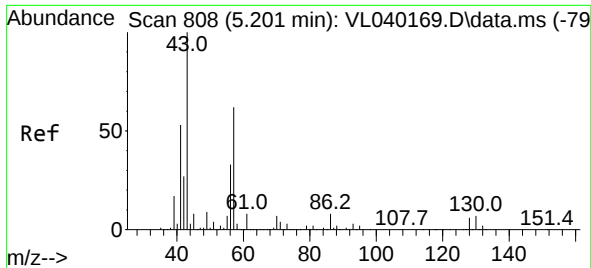
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 1.581 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

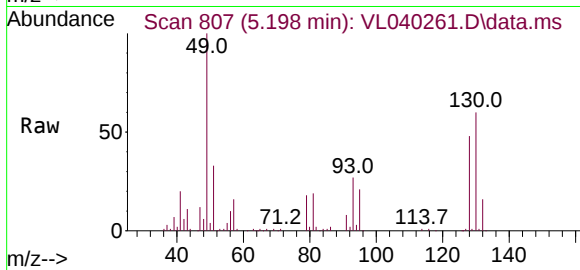
Tgt Ion: 84 Resp: 83392
Ion Ratio Lower Upper
84 100
49 156.2 115.5 173.3
51 43.0 33.1 49.7
86 59.7 50.2 75.2





#26
Hexane
Concen: 0.511 ppbv
RT: 5.198 min Scan# 808
Delta R.T. -0.026 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

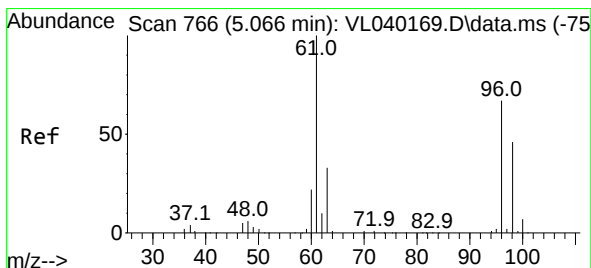
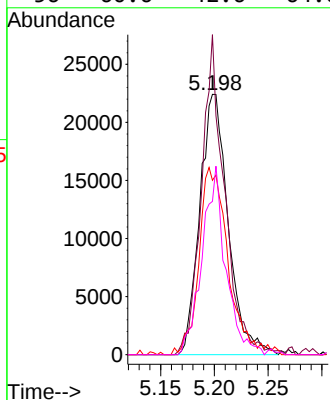
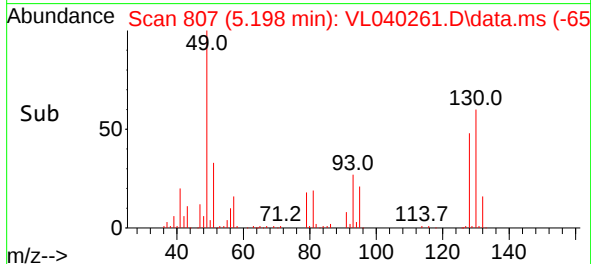
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-SSDL



Tgt Ion: 57 Resp: 41299
Ion Ratio Lower Upper
57 100
41 101.5 74.3 111.5
43 74.0 193.0 289.4
56 60.6 42.6 64.0

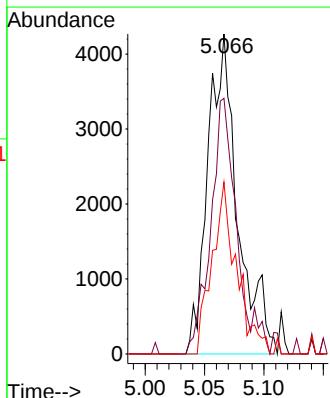
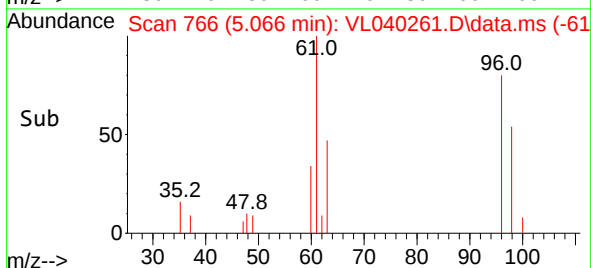
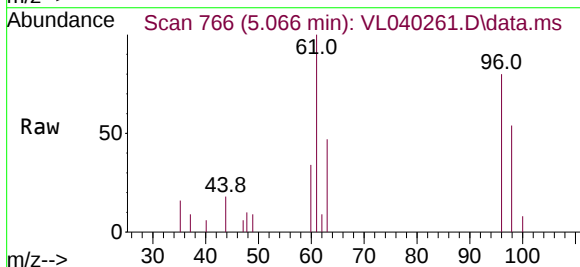
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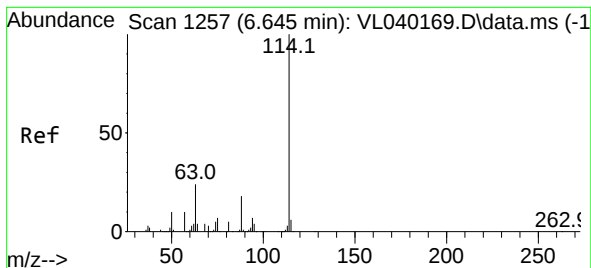
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#31
cis-1,2-Dichloroethene
Concen: 0.097 ppbv m
RT: 5.066 min Scan# 766
Delta R.T. -0.019 min
Lab File: VL040261.D
Acq: 8 Mar 2023 19:27

Tgt Ion: 61 Resp: 7437
Ion Ratio Lower Upper
61 100
96 79.9 53.7 80.5
98 53.7 36.4 54.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1257

Delta R.T. -0.026 min

Lab File: VL040261.D

Acq: 8 Mar 2023 19:27

Instrument :

MSVOA_L

ClientSampleId :

LM-3723-SSDL

Tgt Ion:114 Resp: 212370

Ion Ratio Lower Upper

114 100

63 26.8 20.4 30.6

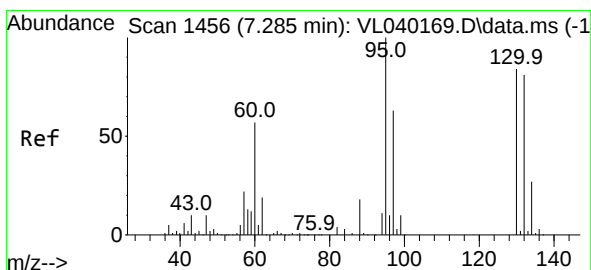
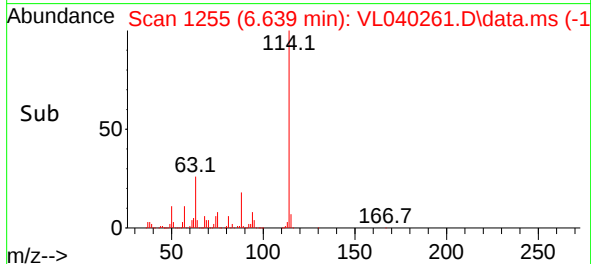
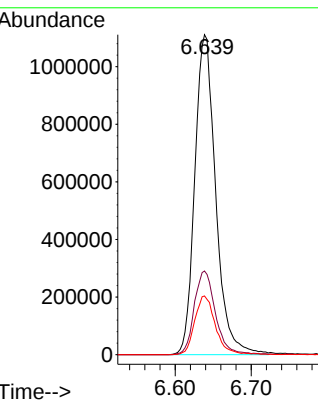
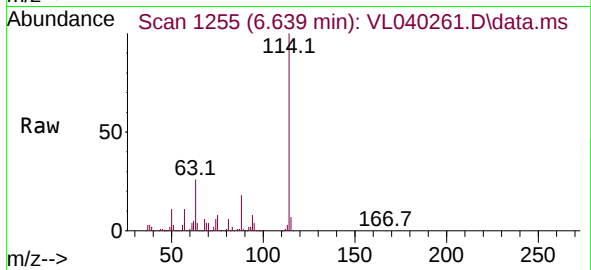
88 18.4 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#38

Trichloroethene

Concen: 0.087 ppbv m

RT: 7.282 min Scan# 1455

Delta R.T. -0.026 min

Lab File: VL040261.D

Acq: 8 Mar 2023 19:27

Tgt Ion:130 Resp: 7931

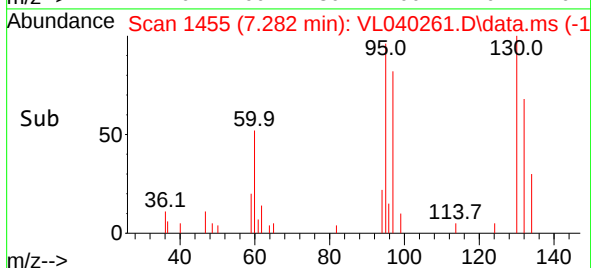
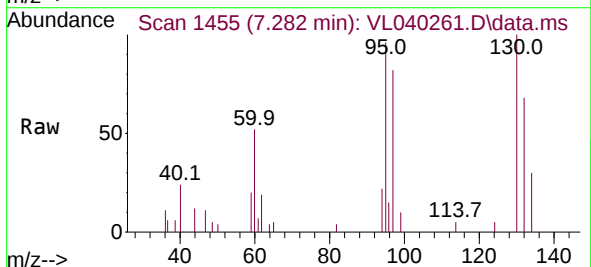
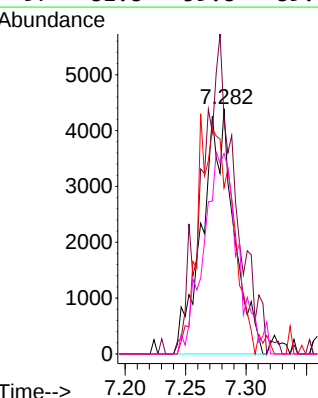
Ion Ratio Lower Upper

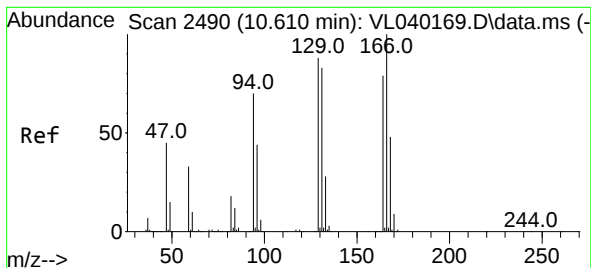
130 100

95 95.8 94.7 142.1

132 67.8 76.4 114.6#

97 81.8 59.8 89.6





#52

Tetrachloroethene

Concen: 6.156 ppbv m

RT: 10.603 min Scan# 2490

Delta R.T. -0.032 min

Lab File: VL040261.D

Acq: 8 Mar 2023 19:27

Instrument :

MSVOA_L

ClientSampleId :

LM-3723-SSDL

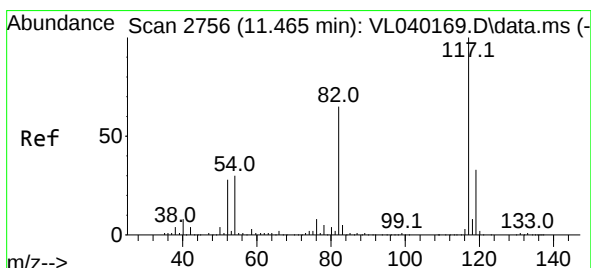
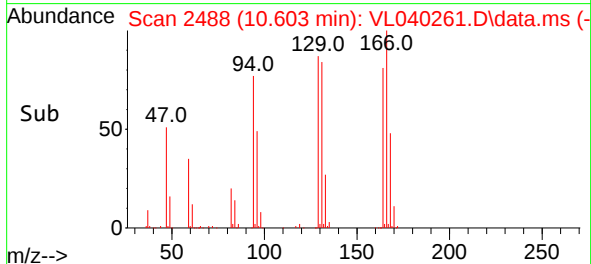
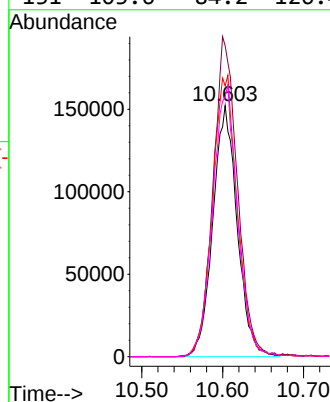
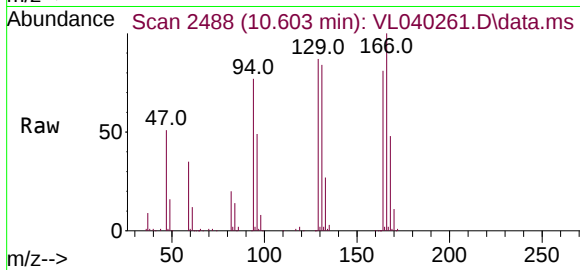
Tgt Ion:164 Resp: 317690

Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.5	152.3
129	107.9	89.0	133.4
131	103.6	84.2	126.4

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Supervised By :Mahesh Dadoda 03/09/2023



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

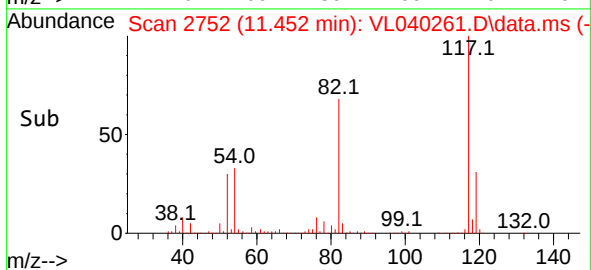
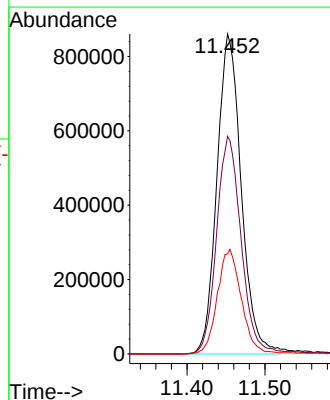
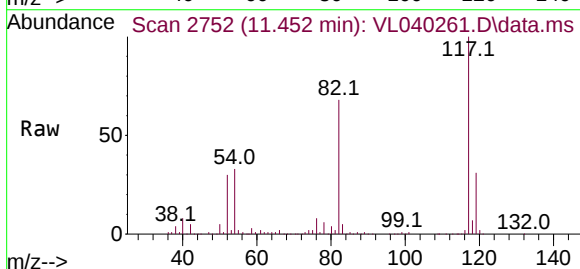
Delta R.T. -0.035 min

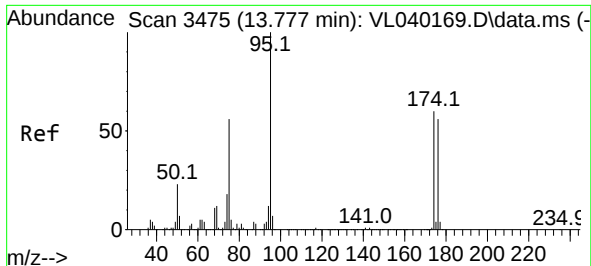
Lab File: VL040261.D

Acq: 8 Mar 2023 19:27

Tgt Ion:117 Resp: 1865725

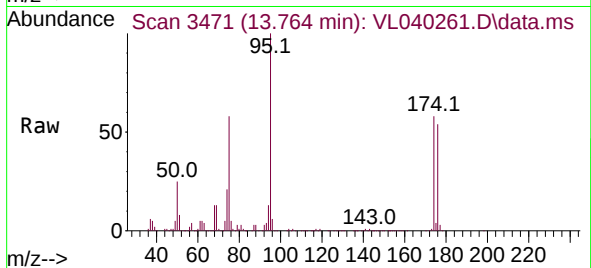
Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.3	79.9
119	32.8	24.6	37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.598 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. -0.032 min
 Lab File: VL040261.D
 Acq: 8 Mar 2023 19:27

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-SSDL



Tgt Ion: 95 Resp: 147251
 Ion Ratio Lower Upper
 95 100
 174 59.4 48.2 72.2
 175 4.1 3.4 5.2

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

