

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040046.D
 Acq On : 20 Dec 2022 2:39
 Operator : SY/MD
 Sample : N6059-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:19:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1008888	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2883295	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2515956	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1900277	9.888	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
9) Propene	2.684	41	10229m	0.162	ppbv	Qvalue
13) Ethanol	3.234	45	15301m	2.574	ppbv	
15) Acetone	3.459	43	122077	0.782	ppbv #	86
19) Isopropyl Alcohol	3.574	45	39693	0.516	ppbv #	90
20) Methylene Chloride	3.912	84	58479m	0.882	ppbv	
23) Vinyl Acetate	4.606	43	46317m	0.936	ppbv	
26) Hexane	5.192	57	110290	0.971	ppbv #	35
29) Chloroform	5.246	83	23167m	0.134	ppbv	
34) 2-Butanone	4.787	43	21607	0.138	ppbv	99
52) Tetrachloroethene	10.597	164	14968m	0.171	ppbv	

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

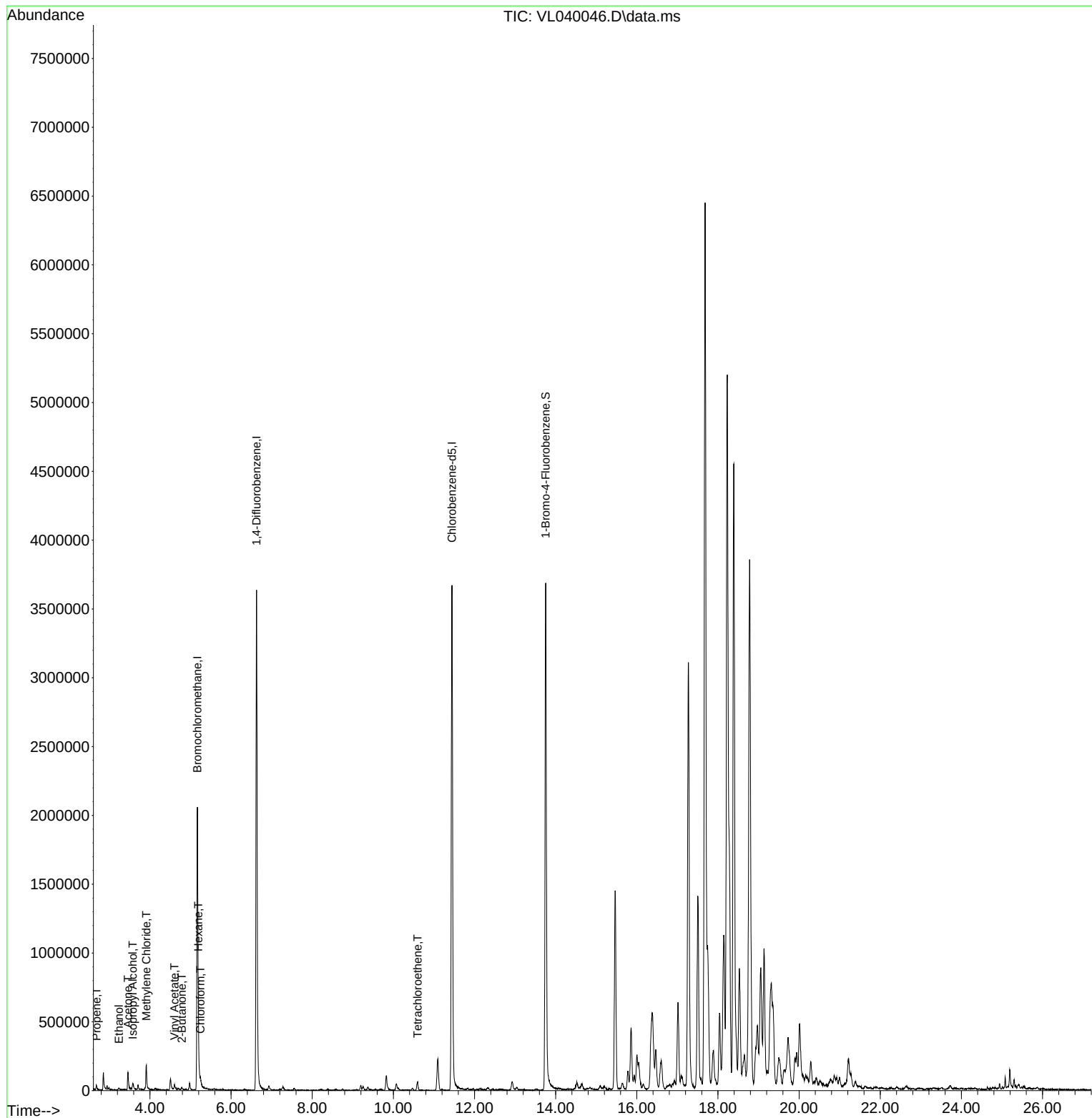
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040046.D
Acq On : 20 Dec 2022 2:39
Operator : SY/MD
Sample : N6059-01DL 20X
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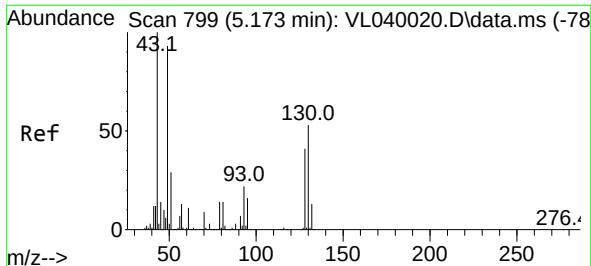
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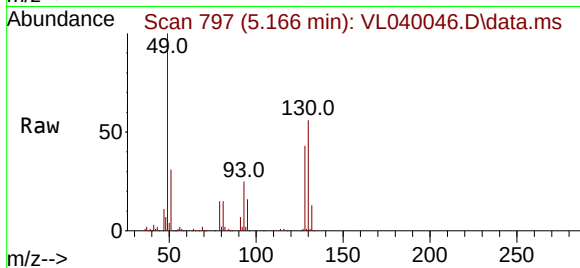
Quant Time: Dec 20 05:19:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.007 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

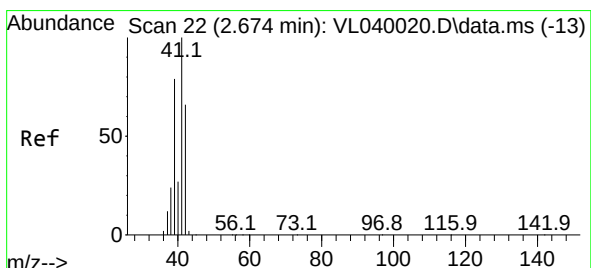
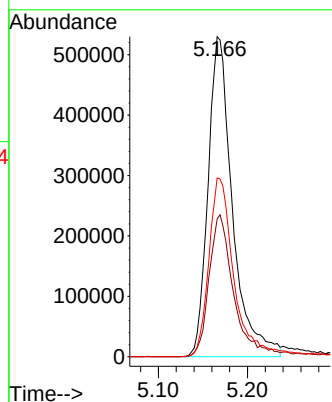
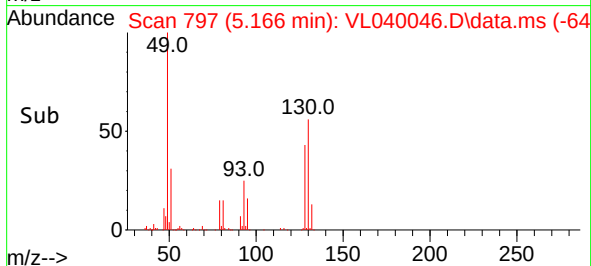
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 100888
Ion Ratio Lower Upper
49 100
128 46.5 22.4 67.3
130 59.6 28.9 86.8

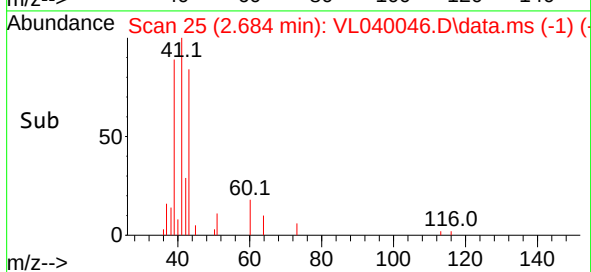
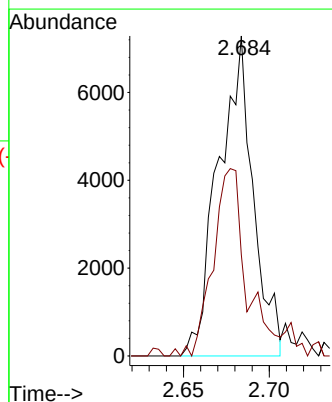
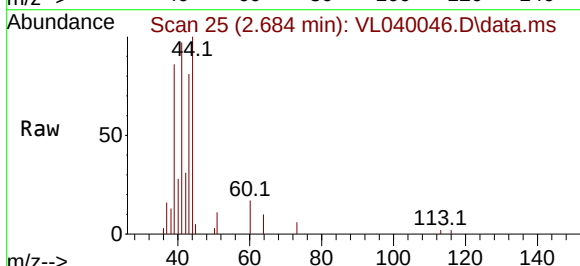
Manual Integrations
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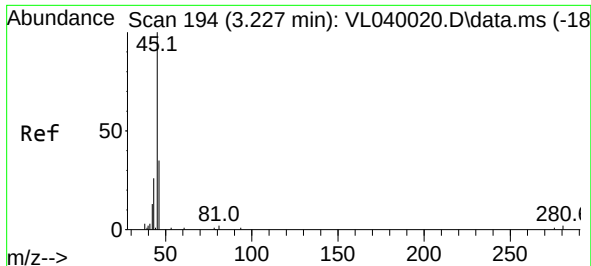
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#9
Propene
Concen: 0.162 ppbv m
RT: 2.684 min Scan# 25
Delta R.T. 0.009 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

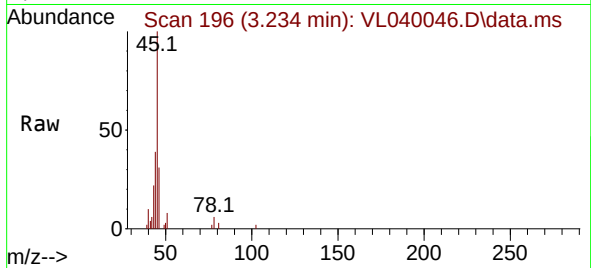
Tgt Ion: 41 Resp: 10229
Ion Ratio Lower Upper
41 100
42 0.0 54.8 82.2#





#13
Ethanol
Concen: 2.574 ppbv m
RT: 3.234 min Scan# 194
Delta R.T. 0.006 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

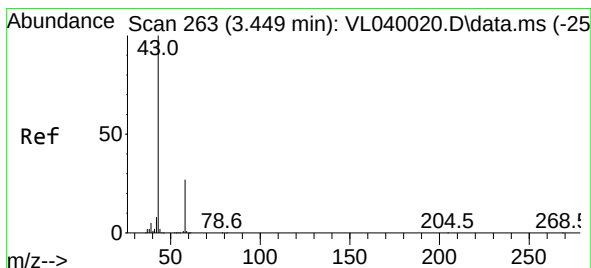
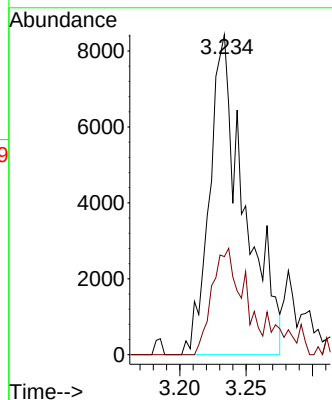
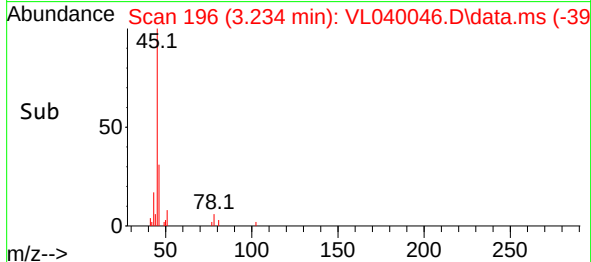
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



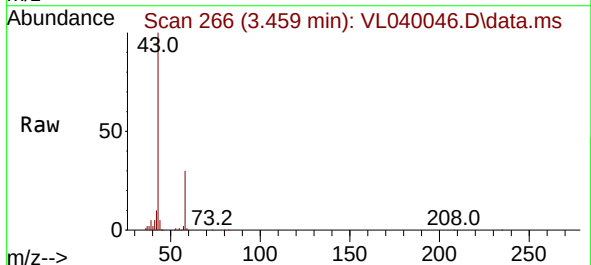
Tgt Ion: 45 Resp: 1530
Ion Ratio Lower Upper
45 100
46 30.4 13.7 54.7

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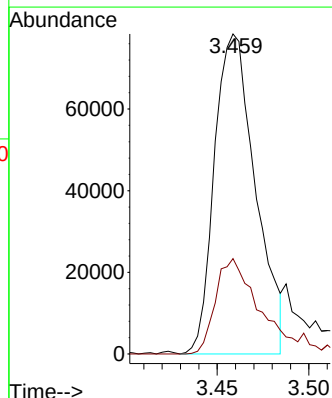
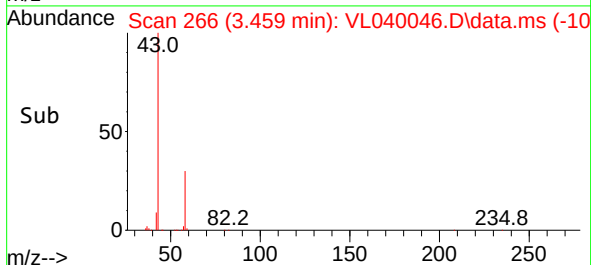
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

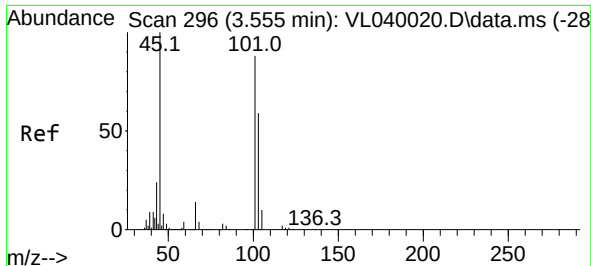


#15
Acetone
Concen: 0.782 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.009 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39



Tgt Ion: 43 Resp: 122077
Ion Ratio Lower Upper
43 100
58 34.6 21.8 32.8#





#19

Isopropyl Alcohol

Concen: 0.516 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.019 min

Lab File: VL040046.D

Acq: 20 Dec 2022 2:39

Instrument :

MSVOA_L

ClientSampleId :

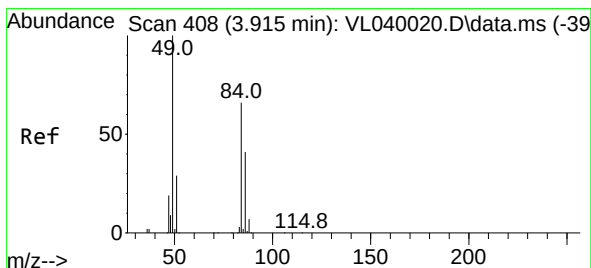
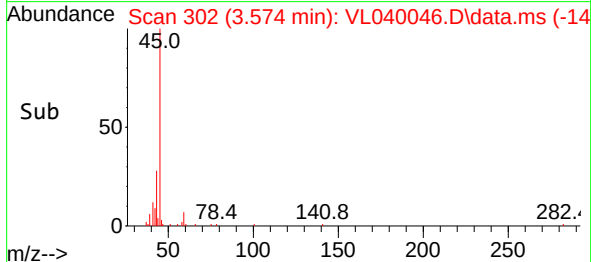
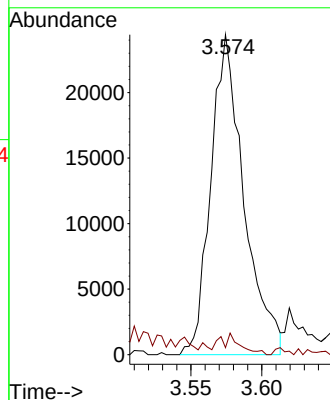
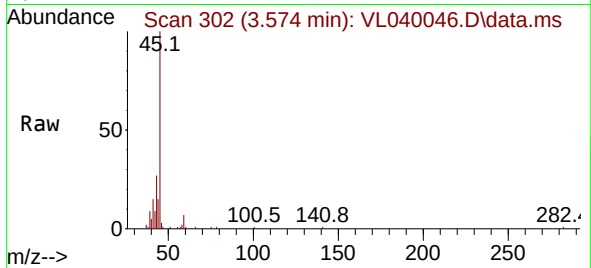
SV2DL

Tgt Ion: 45 Resp: 3969
 Ion Ratio Lower Upper
 45 100
 58 5.7 1.7 2.5

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 Supervised By :Mahesh Dadoda 12/20/2022



#20

Methylene Chloride

Concen: 0.882 ppbv m

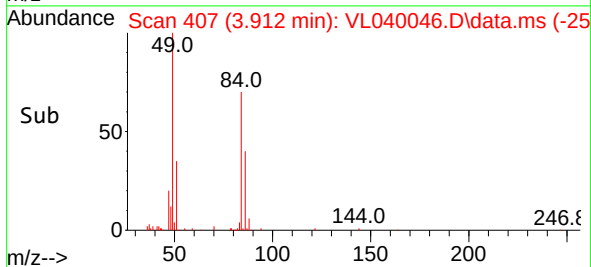
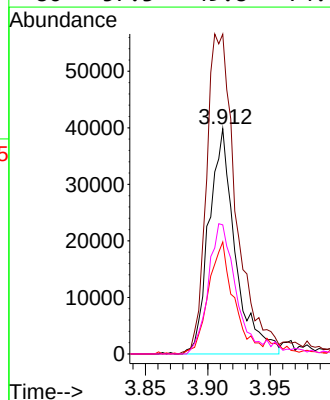
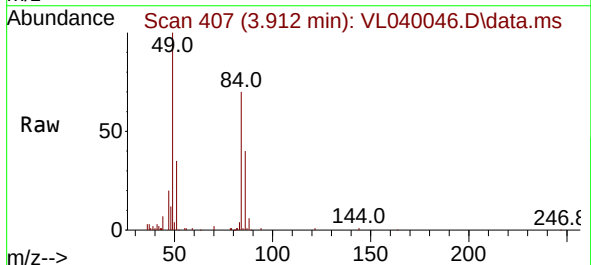
RT: 3.912 min Scan# 407

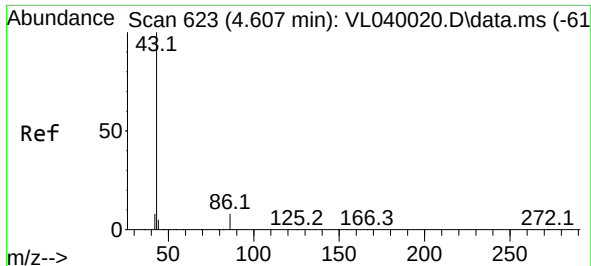
Delta R.T. -0.003 min

Lab File: VL040046.D

Acq: 20 Dec 2022 2:39

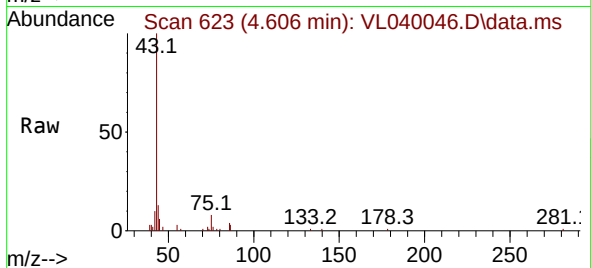
Tgt Ion: 84 Resp: 58479
 Ion Ratio Lower Upper
 84 100
 49 142.0 120.5 180.7
 51 49.7 35.2 52.8
 86 57.3 49.8 74.6





#23
 Vinyl Acetate
 Concen: 0.936 ppbv m
 RT: 4.606 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040046.D
 Acq: 20 Dec 2022 2:39

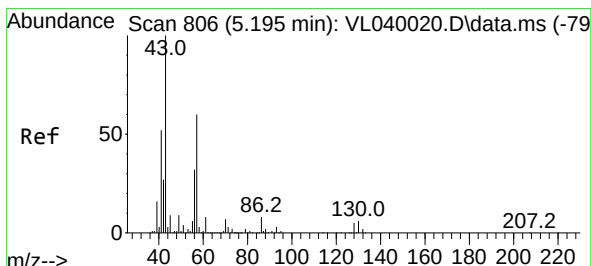
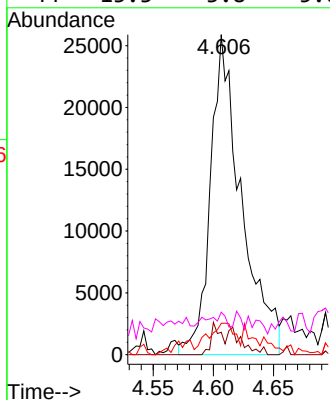
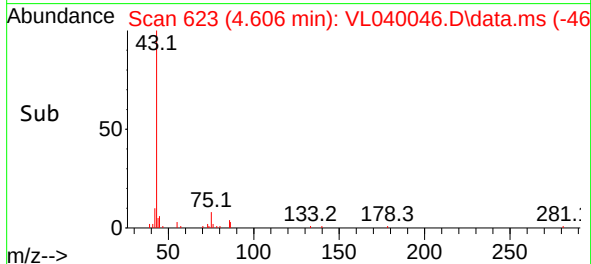
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL



Tgt Ion: 43 Resp: 4631
 Ion Ratio Lower Upper
 43 100
 86 3.6 5.3 7.9
 42 9.8 7.4 11.0
 44 13.3 3.8 5.6#

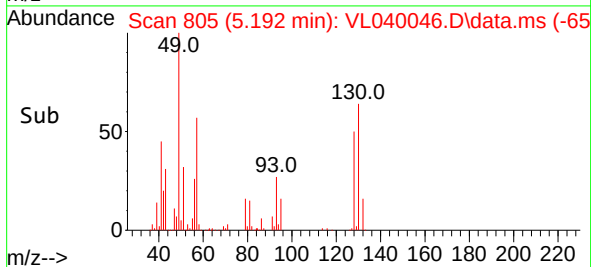
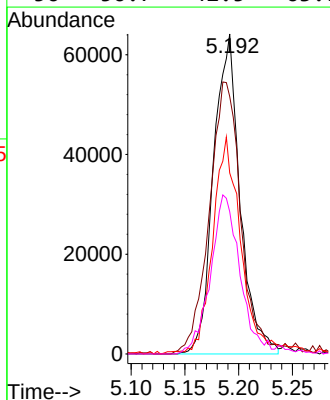
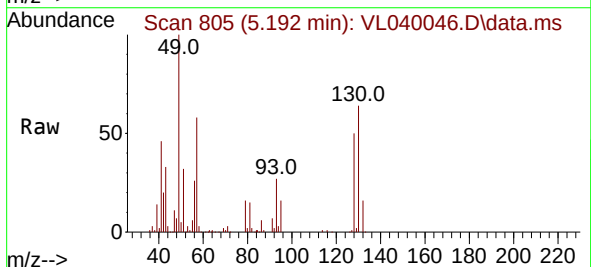
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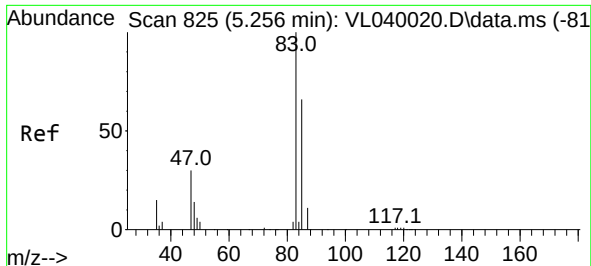
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#26
 Hexane
 Concen: 0.971 ppbv
 RT: 5.192 min Scan# 805
 Delta R.T. -0.003 min
 Lab File: VL040046.D
 Acq: 20 Dec 2022 2:39

Tgt Ion: 57 Resp: 110290
 Ion Ratio Lower Upper
 57 100
 41 102.1 72.1 108.1
 43 74.7 192.1 288.1#
 56 56.7 42.5 63.7





#29

Chloroform

Concen: 0.134 ppbv m

RT: 5.246 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040046.D

Acq: 20 Dec 2022 2:39

Instrument :

MSVOA_L

ClientSampleId :

SV2DL

Tgt Ion: 83 Resp: 2316

Ion Ratio Lower Upper

83 100

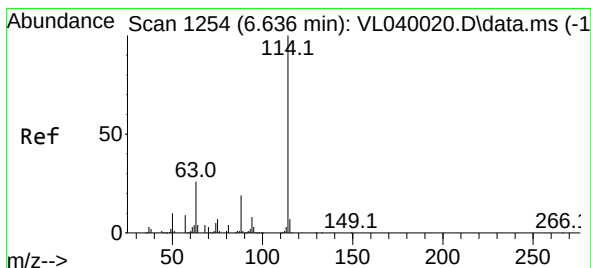
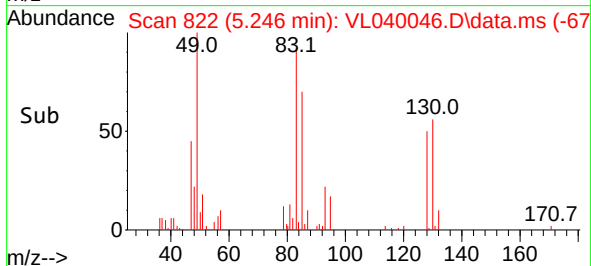
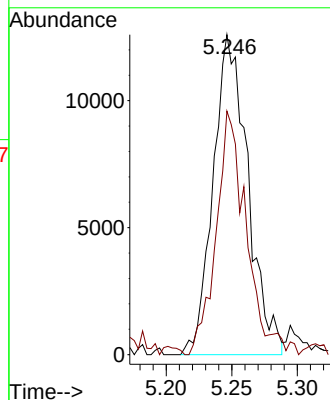
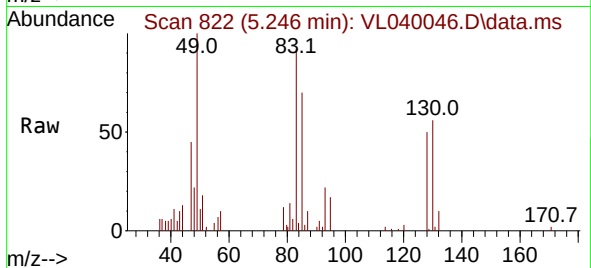
85 76.1 52.4 78.6

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Supervised By :Mahesh Dadoda 12/20/2022



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 1252

Delta R.T. -0.007 min

Lab File: VL040046.D

Acq: 20 Dec 2022 2:39

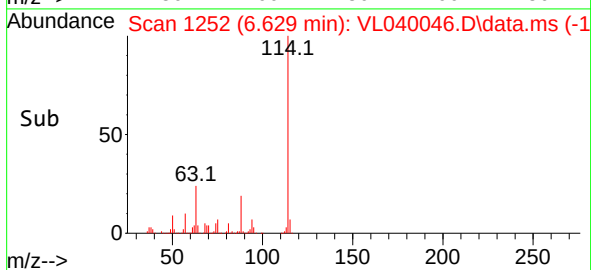
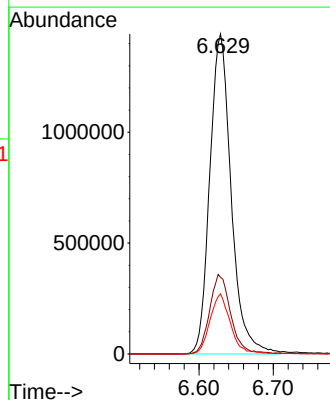
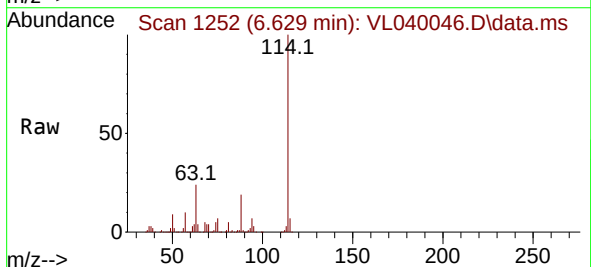
Tgt Ion:114 Resp: 2883295

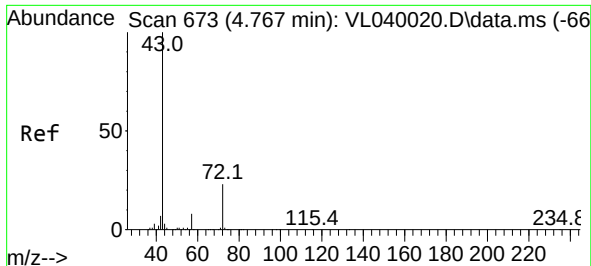
Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.2

88 18.1 14.6 21.8





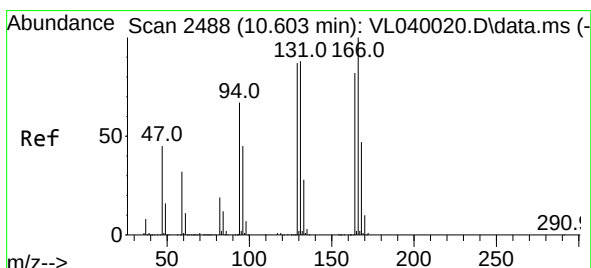
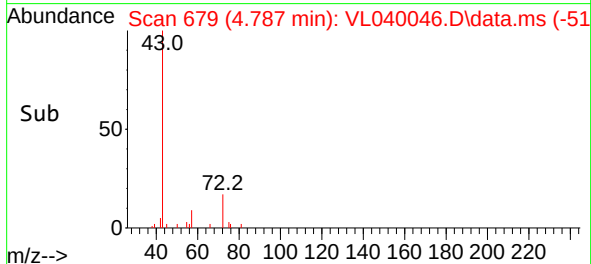
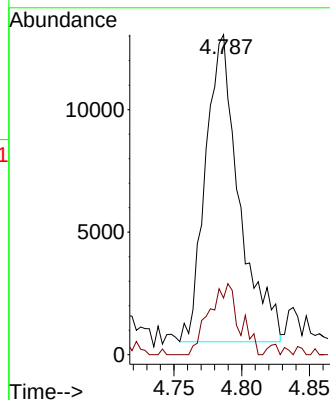
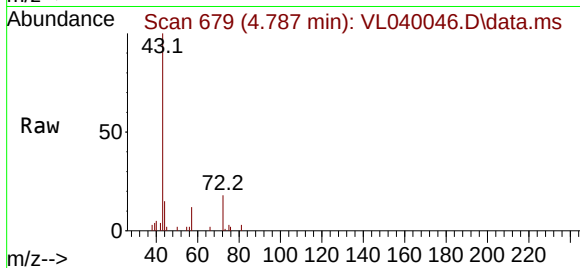
#34
2-Butanone
Concen: 0.138 ppbv
RT: 4.787 min Scan# 61
Delta R.T. 0.019 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
72 21.8 18.0 27.0

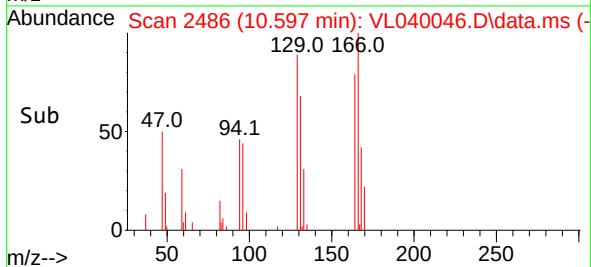
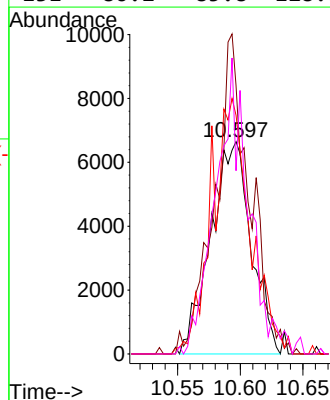
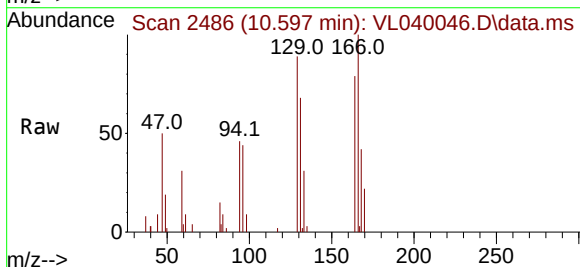
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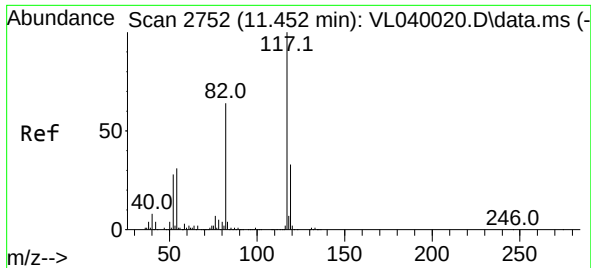
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Tetrachloroethene
Concen: 0.171 ppbv m
RT: 10.597 min Scan# 2486
Delta R.T. -0.007 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

Tgt Ion:164 Resp: 14968
Ion Ratio Lower Upper
164 100
166 126.4 97.4 146.0
129 112.4 84.3 126.5
131 86.2 85.8 128.8





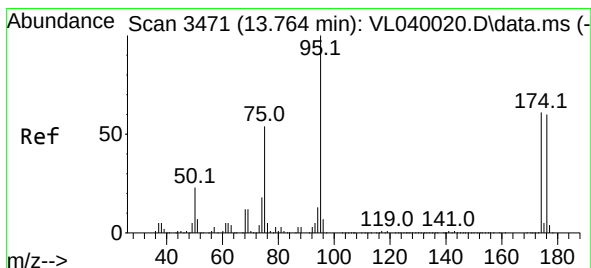
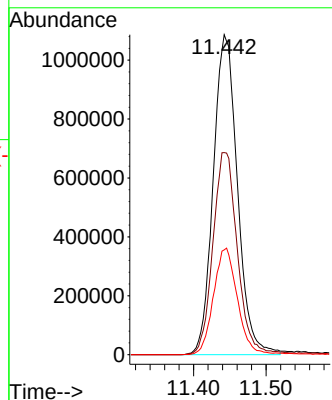
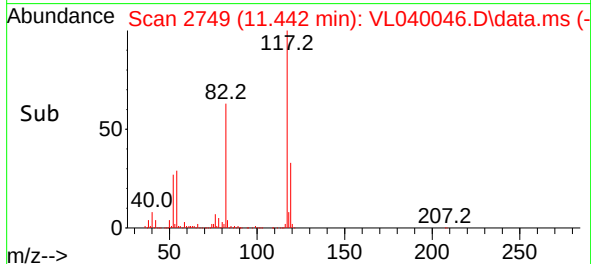
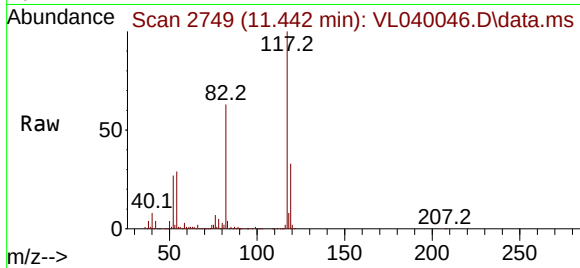
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 117 Resp: 251595
Ion Ratio Lower Upper
117 100
82 64.9 51.2 76.8
119 33.3 23.2 34.8

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.888 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.010 min
Lab File: VL040046.D
Acq: 20 Dec 2022 2:39

Tgt Ion: 95 Resp: 1900277
Ion Ratio Lower Upper
95 100
174 64.8 48.6 73.0
175 4.5 3.4 5.2

