

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039462.D
 Acq On : 13 Jul 2022 00:33
 Operator : SY/AP
 Sample : N3660-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 01:42:44 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 13 11:33:21 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1389324	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	3734656	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.102	117	3362757	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2538030	10.174	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						Qvalue
9) Propene	3.028	41	10133	0.127	ppbv	97
13) Ethanol	3.616	45	166650m	36.085	ppbv	
15) Acetone	3.870	43	106727	0.649	ppbv #	89
19) Isopropyl Alcohol	3.976	45	473848	5.405	ppbv #	96
20) Methylene Chloride	4.359	84	84064	1.283	ppbv	97
25) Ethyl Acetate	5.687	43	1408936	4.180	ppbv #	91
52) Tetrachloroethene	11.237	164	10925m	0.094	ppbv	
53) Toluene	9.819	91	51748m	0.155	ppbv	
59) m/p-Xylene	12.986	91	137408m	0.359	ppbv	
60) o-Xylene	13.706	91	62607	0.173	ppbv	100

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

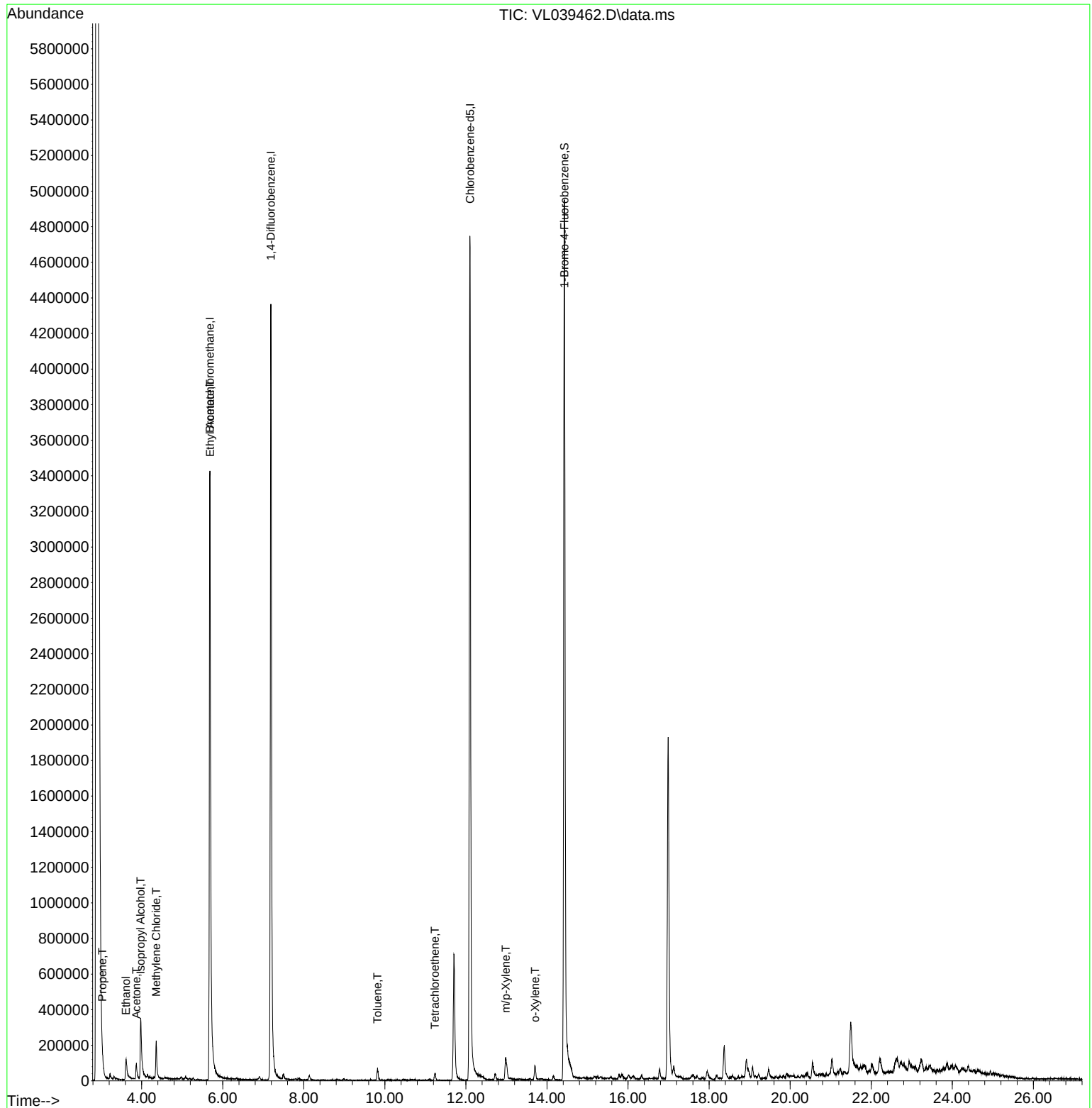
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
Data File : VL039462.D
Acq On : 13 Jul 2022 00:33
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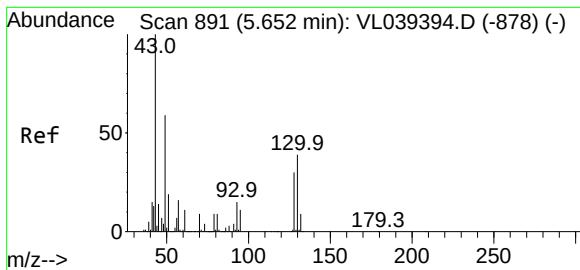
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Quant Time: Jul 13 01:42:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
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Response via : Initial Calibration

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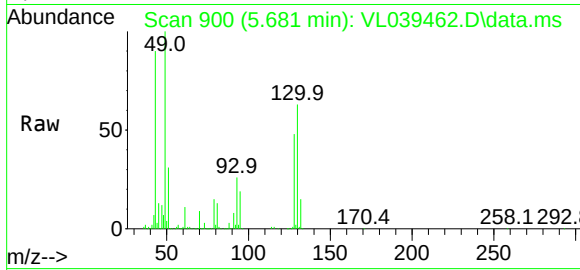
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

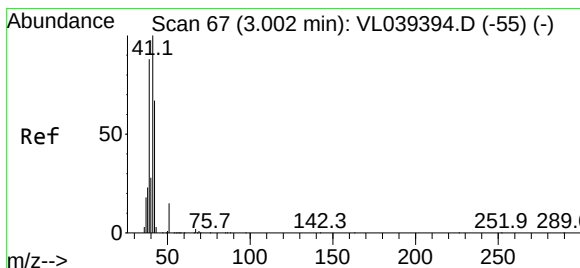
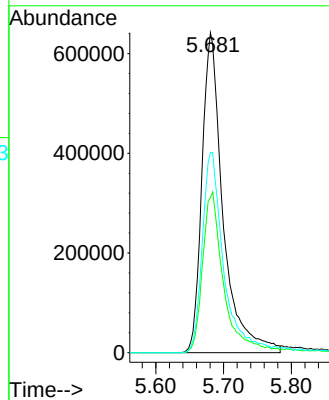
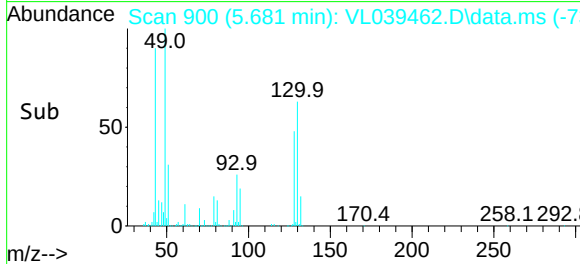
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL



Tgt Ion: 49 Resp: 1389324
Ion Ratio Lower Upper
49 100
128 50.9 26.7 80.0
130 65.1 34.3 102.8

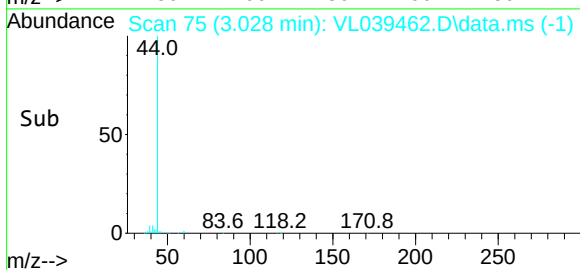
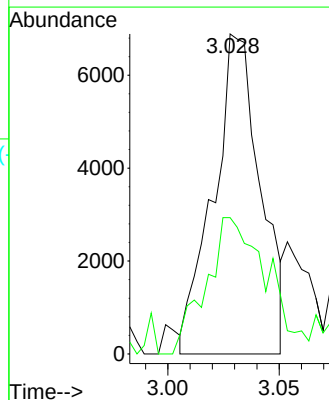
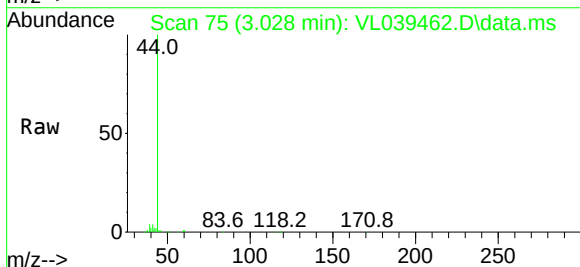
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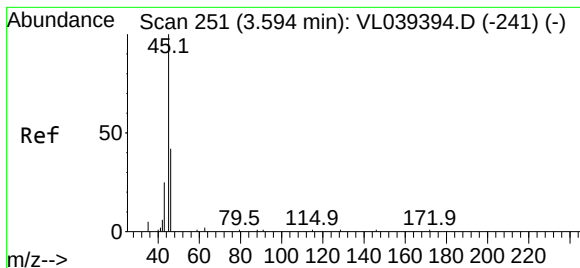
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#9
Propene
Concen: 0.127 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.026 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

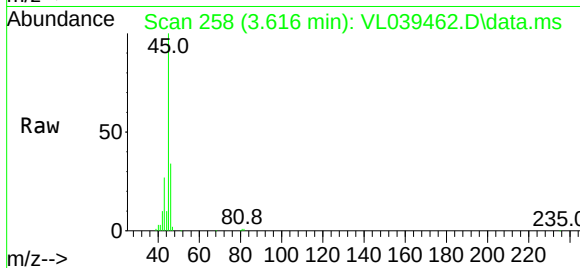
Tgt Ion: 41 Resp: 10133
Ion Ratio Lower Upper
41 100
42 66.6 55.2 82.8





#13
Ethanol
Concen: 36.085 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

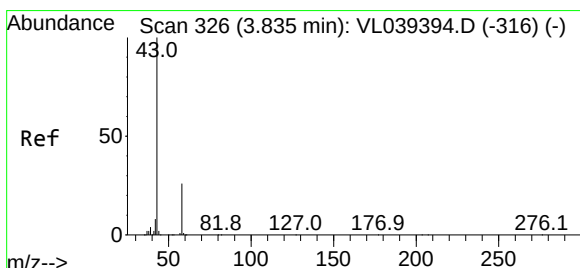
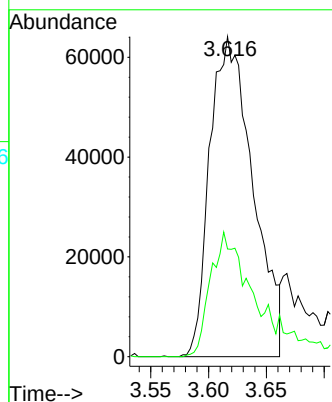
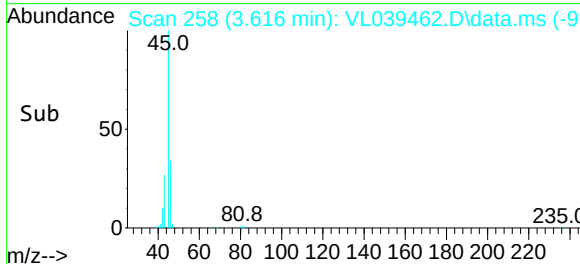
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL



Tgt Ion: 45 Resp: 166650
Ion Ratio Lower Upper
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46 43.7 22.8 91.2

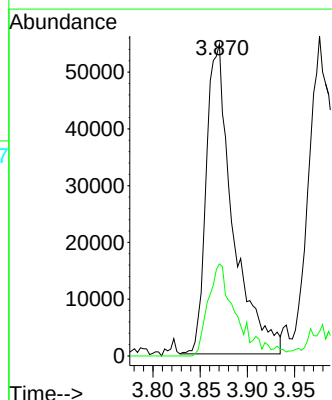
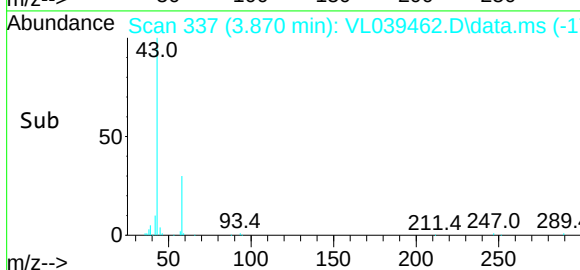
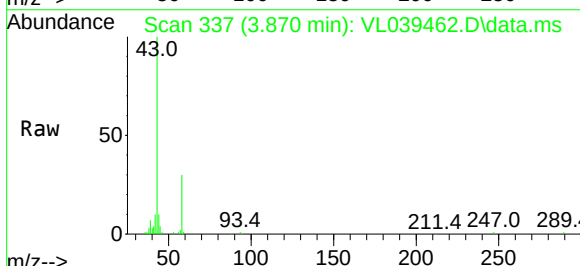
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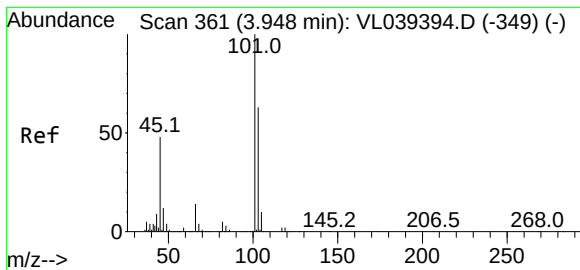
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#15
Acetone
Concen: 0.649 ppbv
RT: 3.870 min Scan# 337
Delta R.T. 0.035 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

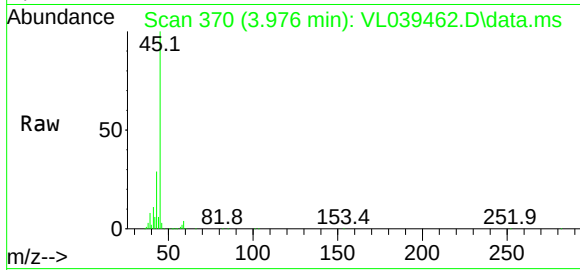
Tgt Ion: 43 Resp: 106727
Ion Ratio Lower Upper
43 100
58 31.7 21.0 31.6#





#19
Isopropyl Alcohol
Concen: 5.405 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

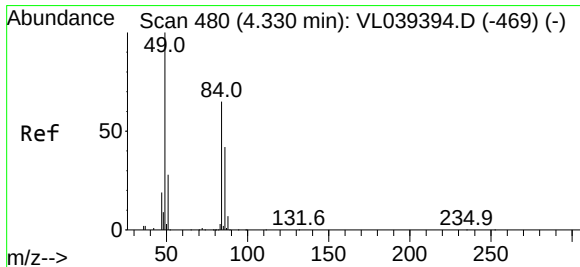
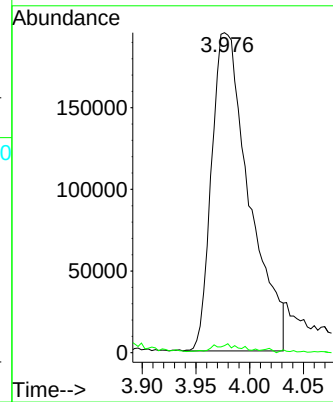
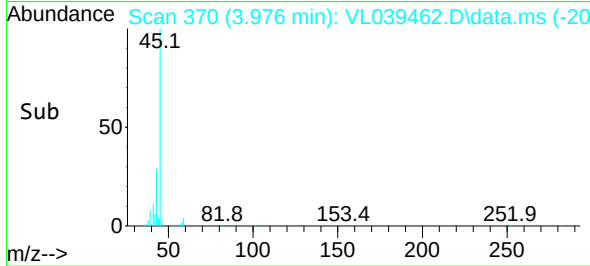
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL



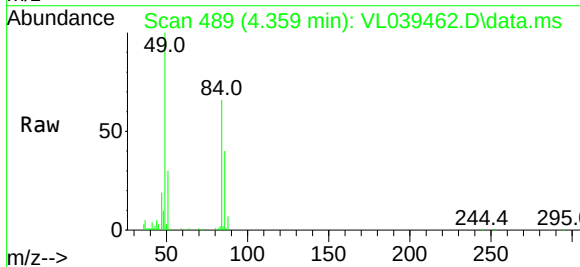
Tgt Ion: 45 Resp: 47384
Ion Ratio Lower Upper
45 100
58 2.8 3.2 4.8

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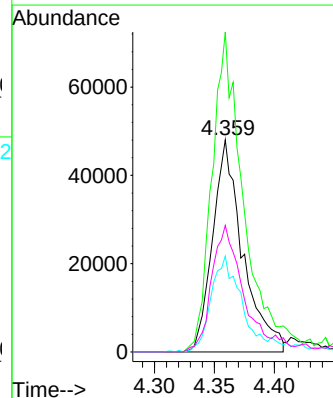
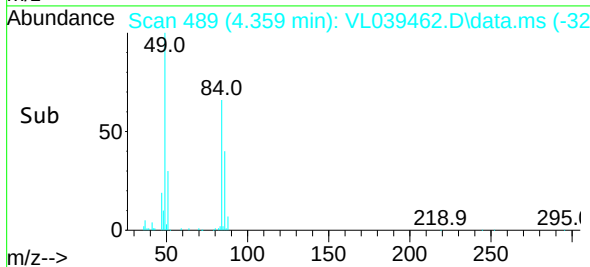
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

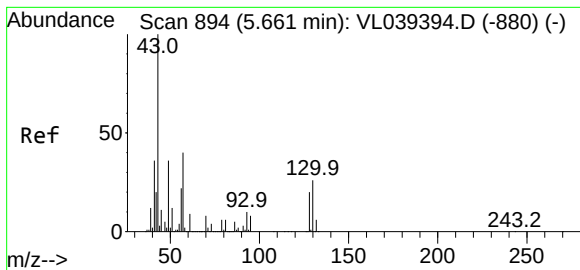


#20
Methylene Chloride
Concen: 1.283 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.029 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33



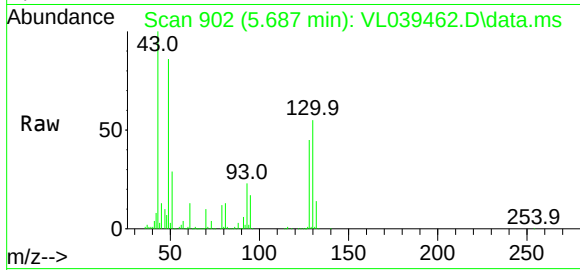
Tgt Ion: 84 Resp: 84064
Ion Ratio Lower Upper
84 100
49 150.8 123.1 184.7
51 45.2 34.4 51.6
86 59.6 51.1 76.7





#25
Ethyl Acetate
Concen: 4.180 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.026 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

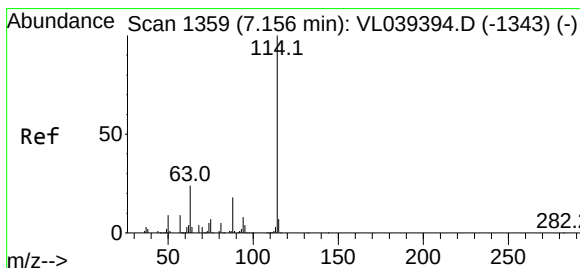
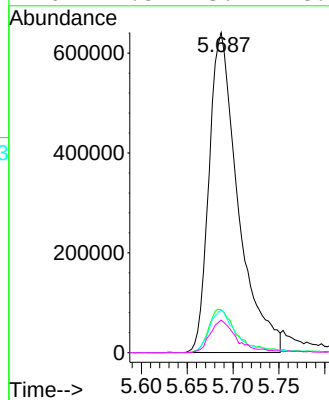
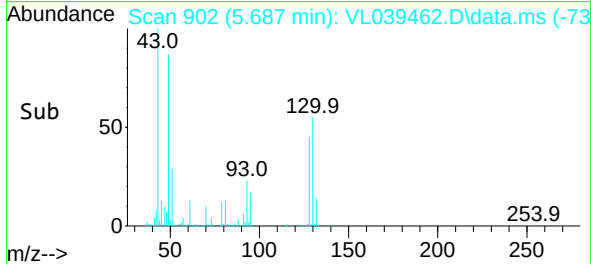
Instrument :
MSVOA_L
ClientSampleId :
SG-5DL



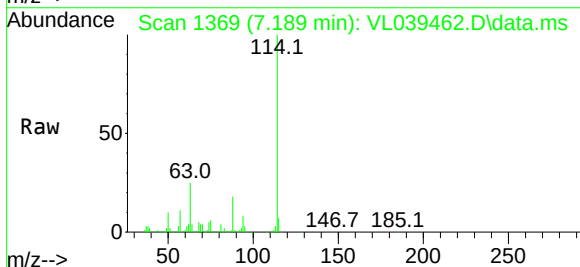
Tgt Ion: 43 Resp: 1408930
Ion Ratio Lower Upper
43 100
45 14.4 8.2 12.4
61 13.3 8.3 12.5
70 9.8 5.9 8.9

Manual Integrations
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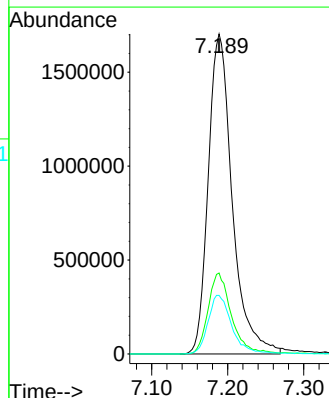
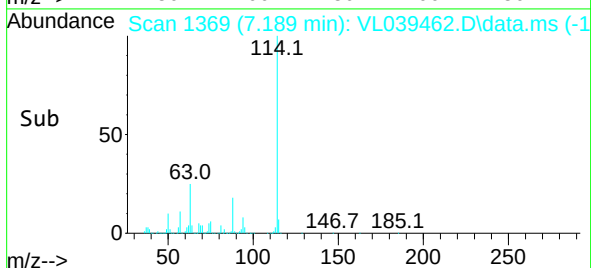
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

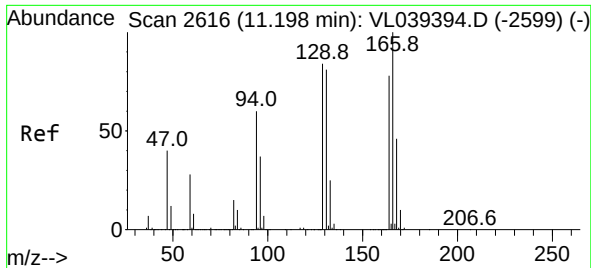


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33



Tgt Ion:114 Resp: 3734656
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.4 14.5 21.7





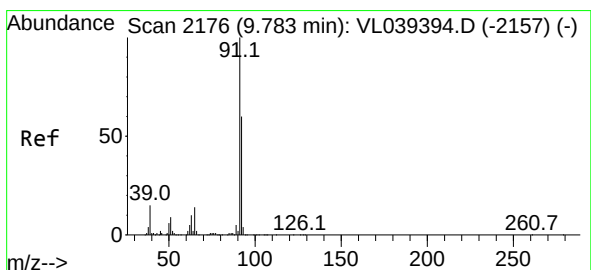
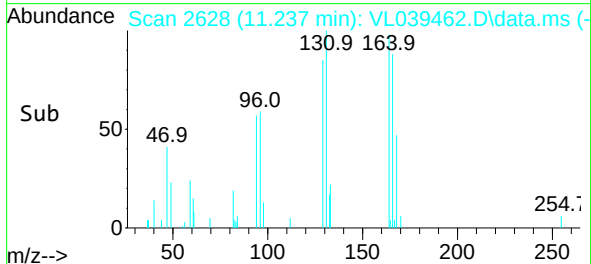
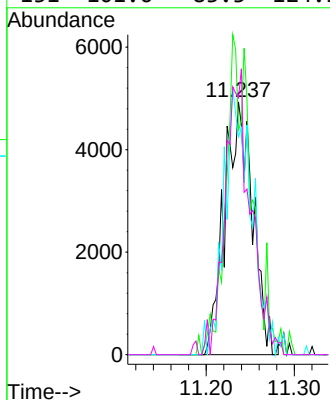
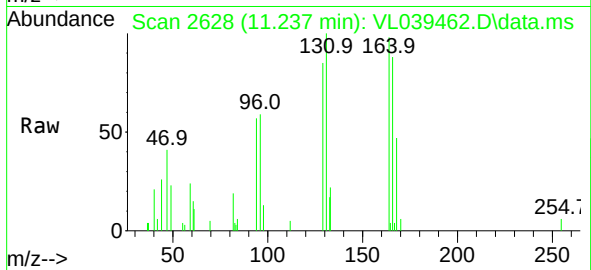
#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 11.237 min Scan# 2167
Delta R.T. 0.038 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Instrument :
MSVOA_L
ClientSampleId :
SG-5DL

Tgt Ion:164 Resp: 10925
Ion Ratio Lower Upper
164 100
166 88.9 102.2 153.2
129 86.2 85.8 128.8
131 101.6 83.3 124.9

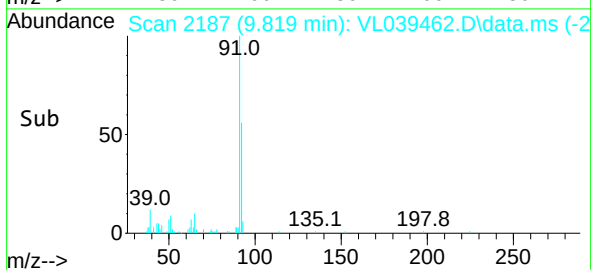
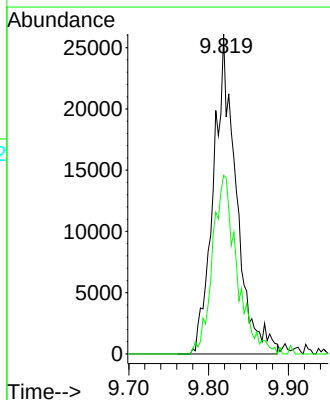
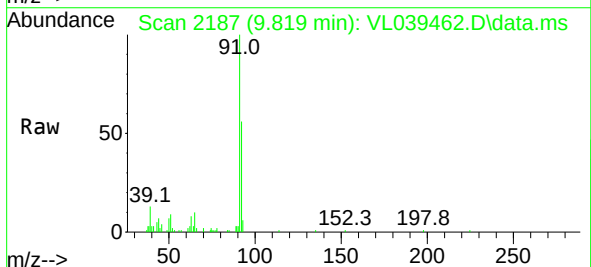
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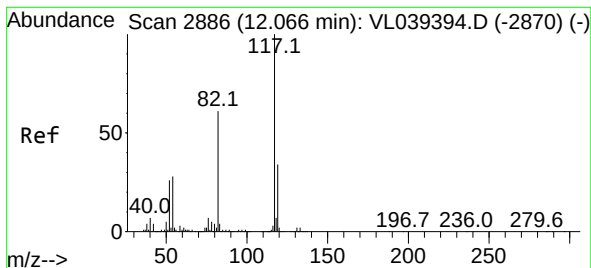
Reviewed By :Semsettin Yesilyurt 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#53
Toluene
Concen: 0.155 ppbv m
RT: 9.819 min Scan# 2187
Delta R.T. 0.035 min
Lab File: VL039462.D
Acq: 13 Jul 2022 00:33

Tgt Ion: 91 Resp: 51748
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.102 min Scan# 21

Delta R.T. 0.035 min

Lab File: VL039462.D

Acq: 13 Jul 2022 00:33

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL

Tgt Ion:117 Resp: 336275

Ion Ratio Lower Upper

117 100

82 64.8 50.8 76.2

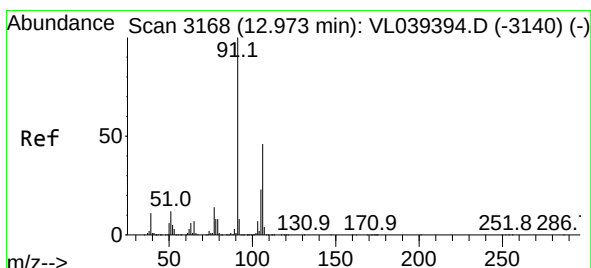
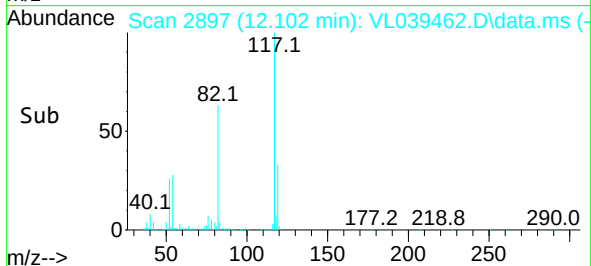
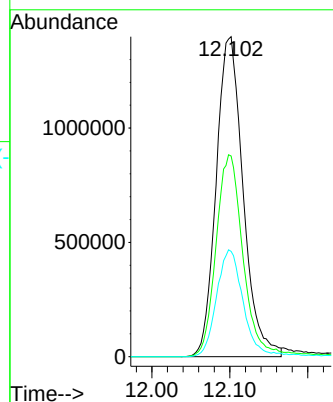
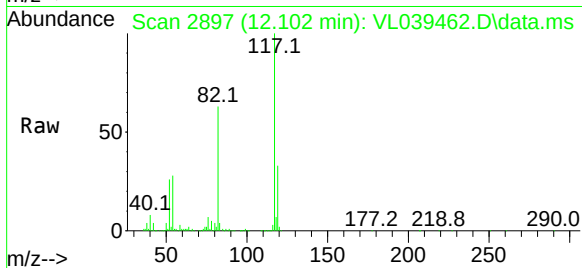
119 33.7 24.1 36.1

Manual Integrations

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Supervised By :Mahesh Dadoda 07/13/2022



#59

m/p-Xylene

Concen: 0.359 ppbv m

RT: 12.986 min Scan# 3172

Delta R.T. 0.013 min

Lab File: VL039462.D

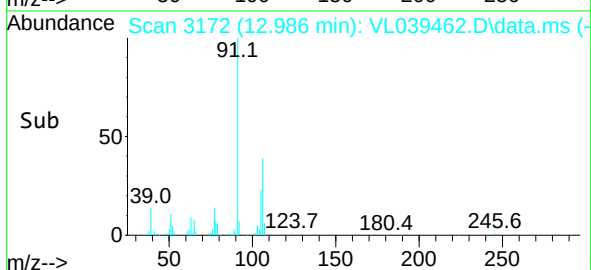
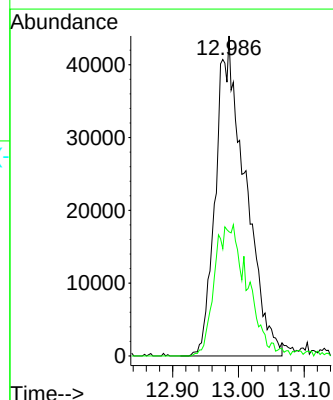
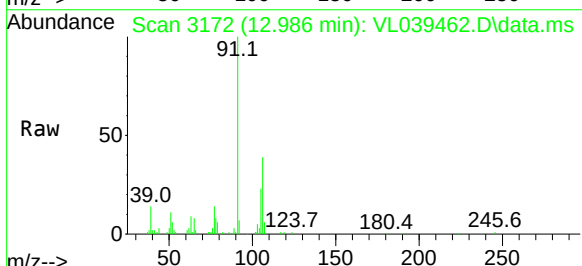
Acq: 13 Jul 2022 00:33

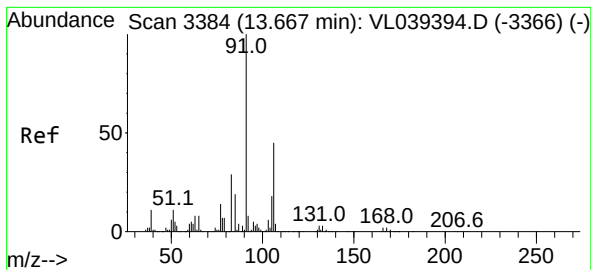
Tgt Ion: 91 Resp: 137408

Ion Ratio Lower Upper

91 100

106 0.0 35.4 53.2#





#60

o-Xylene

Concen: 0.173 ppbv

RT: 13.706 min Scan# 31

Delta R.T. 0.038 min

Lab File: VL039462.D

Acq: 13 Jul 2022 00:33

Instrument :

MSVOA_L

ClientSampleId :

SG-5DL

Tgt Ion: 91 Resp: 6260

Ion Ratio Lower Upper

91 100

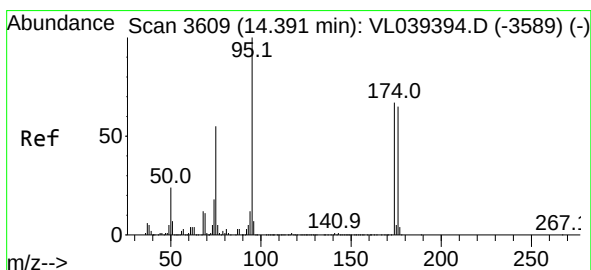
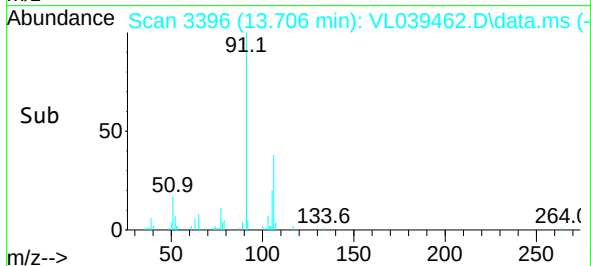
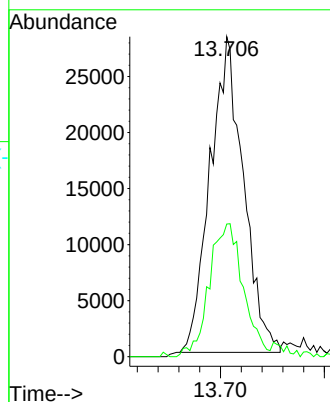
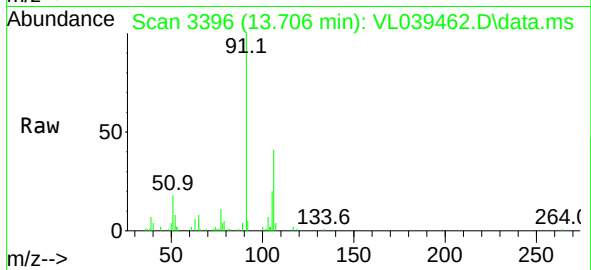
106 44.9 22.4 67.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.174 ppbv

RT: 14.429 min Scan# 3621

Delta R.T. 0.039 min

Lab File: VL039462.D

Acq: 13 Jul 2022 00:33

Tgt Ion: 95 Resp: 2538030

Ion Ratio Lower Upper

95 100

174 72.9 55.9 83.9

175 5.4 4.2 6.4

