

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037947.D
 Acq On : 1 Nov 2021 20:55
 Operator : SY/AP
 Sample : M4426-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 02 06:07:52 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 02 06:07:52 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1579006	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4396004	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3876217	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2722541 9.663 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.600%

Target Compounds

					Qvalue
9) Propene	3.025	41	82772m	0.785	ppbv
13) Ethanol	3.600	45	593363m	55.808	ppbv
15) Acetone	3.851	43	364094m	2.790	ppbv
19) Isopropyl Alcohol	3.967	45	155589m	1.865	ppbv
20) Methylene Chloride	4.340	84	36119m	0.504	ppbv
25) Ethyl Acetate	5.671	43	91972m	0.237	ppbv
34) 2-Butanone	5.253	43	21285m	0.131	ppbv
52) Tetrachloroethene	11.214	164	5324m	0.039	ppbv
53) Toluene	9.793	91	41279m	0.108	ppbv

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

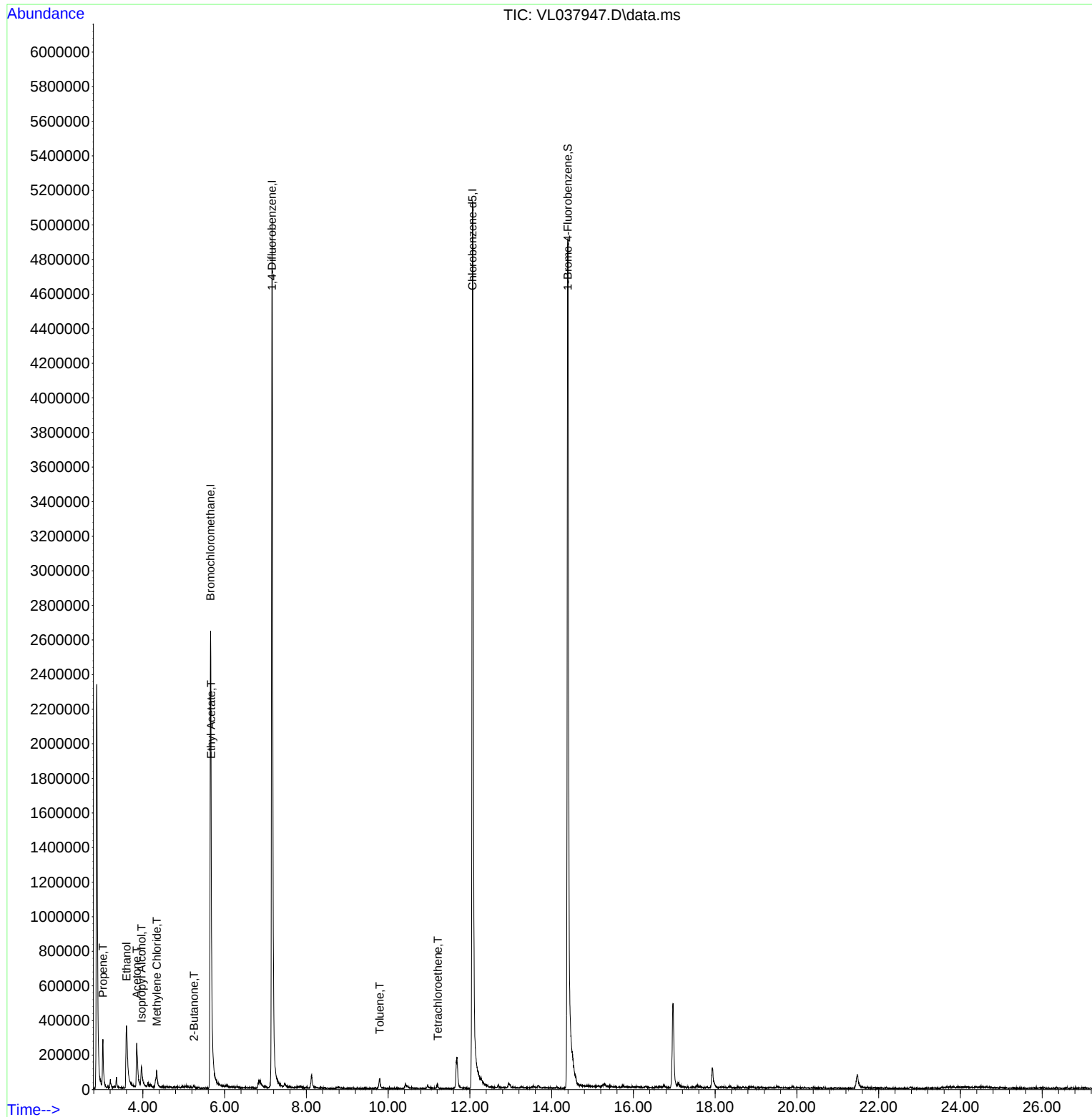
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
Data File : VL037947.D
Acq On : 1 Nov 2021 20:55
Operator : SY/AP
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

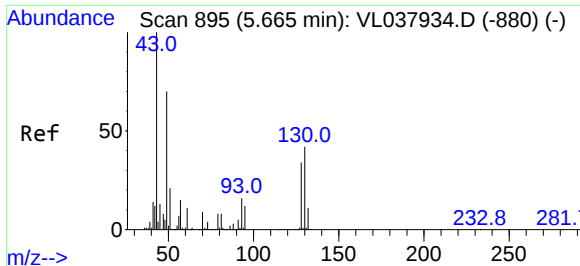
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Nov 02 06:07:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
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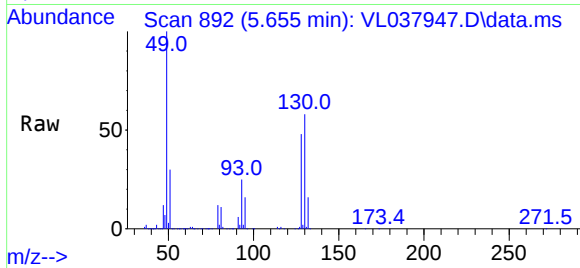
Reviewed By : Semsettin Yesilyurt 11/05/2021
Supervised By : Mahesh Dadoda 11/10/2021





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

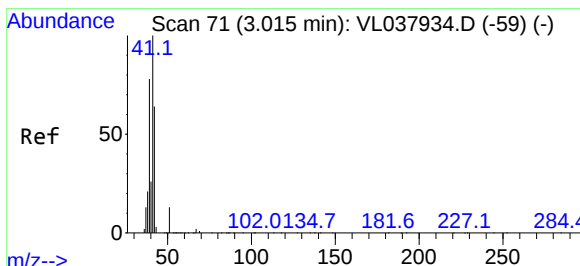
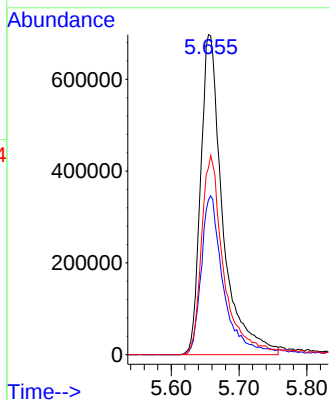
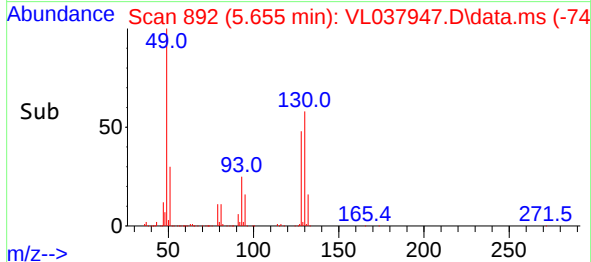
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 1579000
Ion Ratio Lower Upper
49 100
128 51.4 27.0 81.0
130 63.1 33.4 100.2

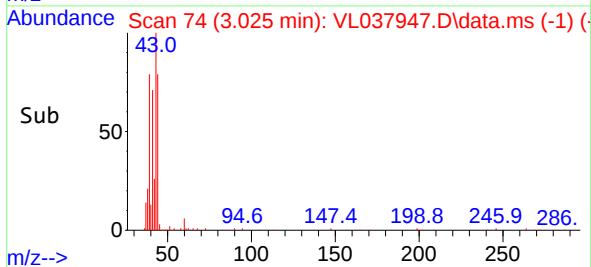
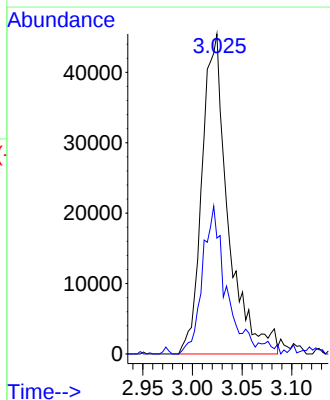
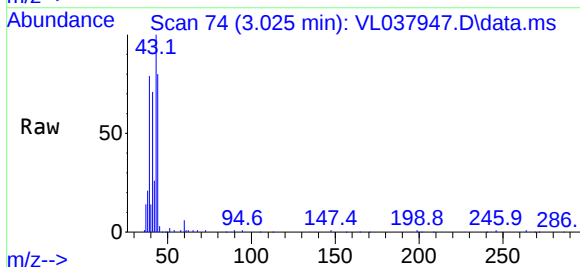
Manual Integrations
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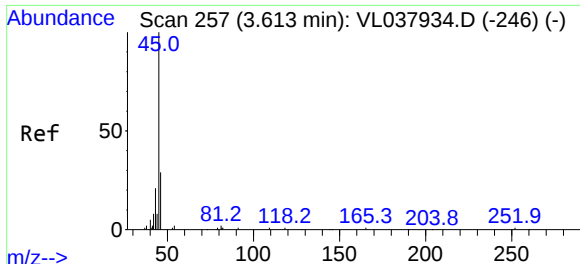
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#9
Propene
Concen: 0.785 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.009 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

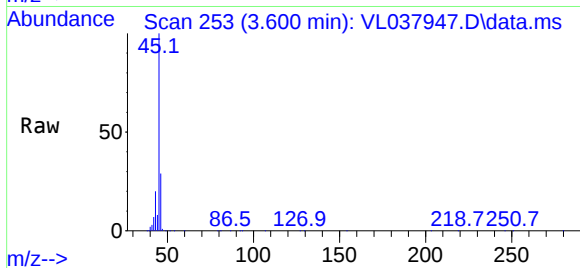
Tgt Ion: 41 Resp: 82772
Ion Ratio Lower Upper
41 100
42 10.5 57.6 86.4#





#13
Ethanol
Concen: 55.808 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

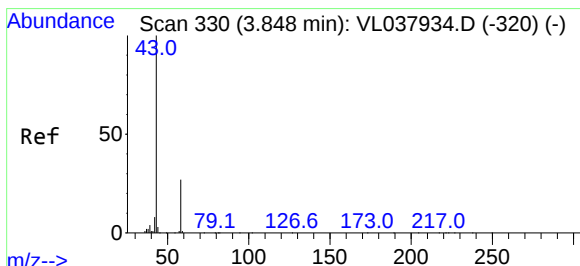
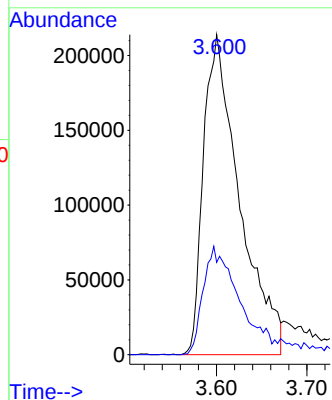
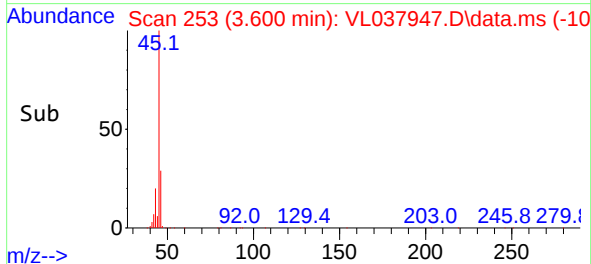
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



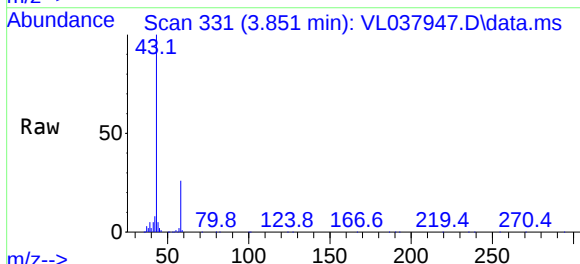
Tgt Ion: 45 Resp: 59336
Ion Ratio Lower Upper
45 100
46 39.1 17.4 69.8

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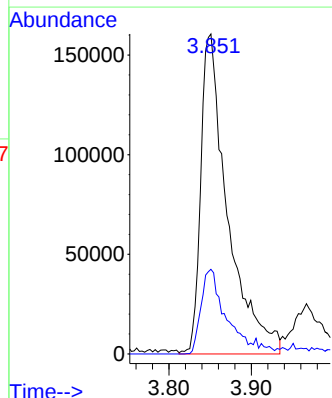
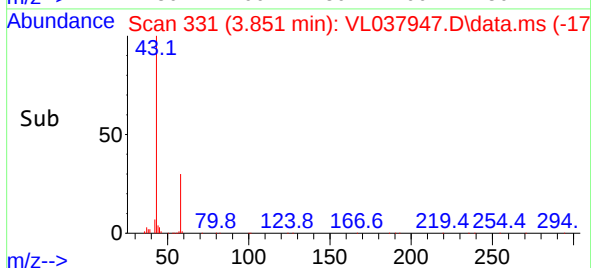
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Supervised By :Mahesh Dadoda 11/10/2021

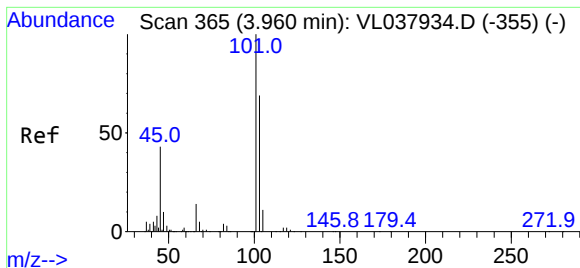


#15
Acetone
Concen: 2.790 ppbv m
RT: 3.851 min Scan# 331
Delta R.T. 0.003 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55



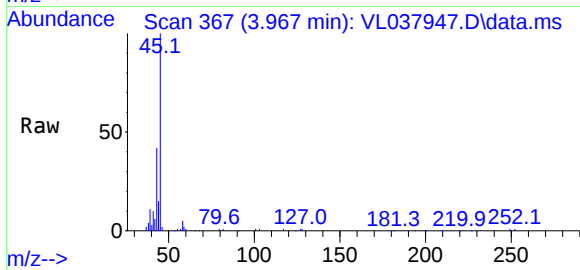
Tgt Ion: 43 Resp: 364094
Ion Ratio Lower Upper
43 100
58 26.2 23.3 34.9





#19
Isopropyl Alcohol
Concen: 1.865 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

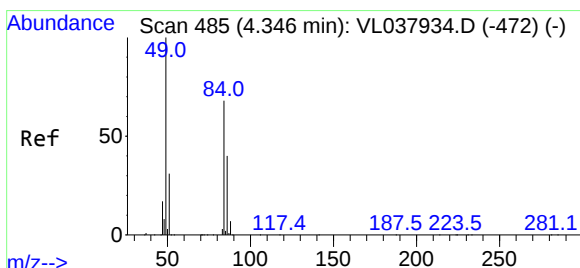
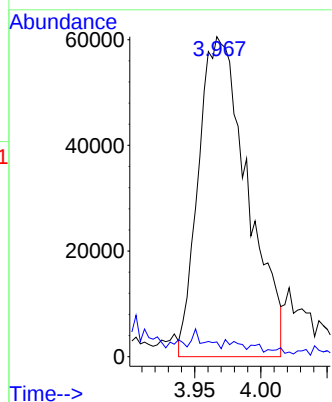
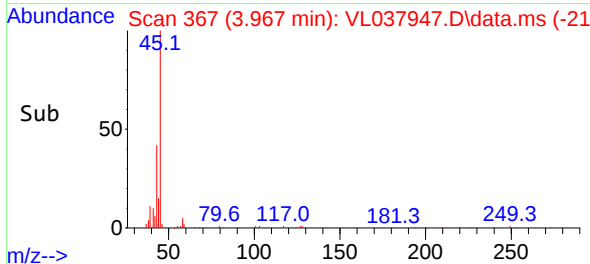
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



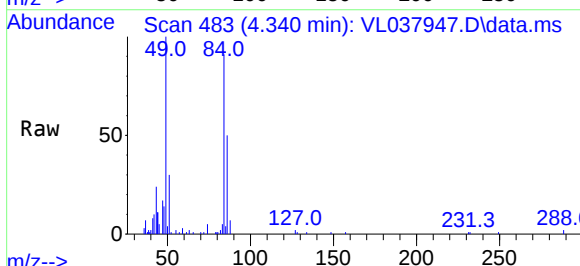
Tgt Ion: 45 Resp: 155589
Ion Ratio Lower Upper
45 100
58 6.6 4.0 6.0

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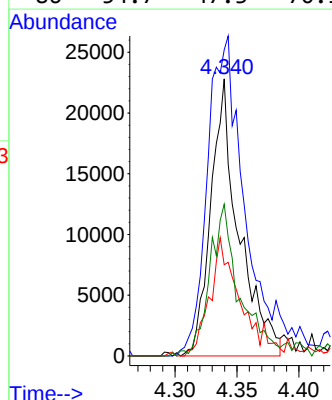
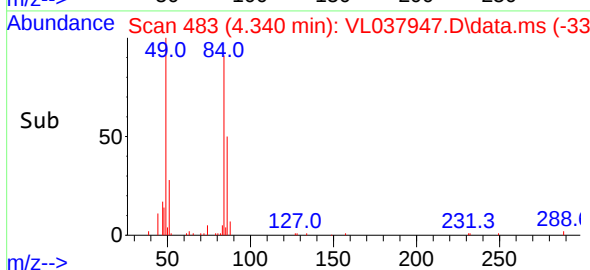
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

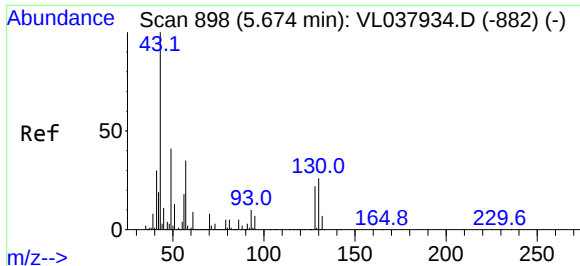


#20
Methylene Chloride
Concen: 0.504 ppbv m
RT: 4.340 min Scan# 483
Delta R.T. -0.007 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55



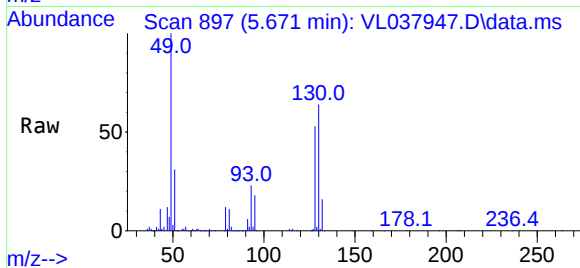
Tgt Ion: 84 Resp: 36119
Ion Ratio Lower Upper
84 100
49 110.4 117.5 176.3#
51 32.9 35.9 53.9#
86 54.7 47.3 70.9





#25
Ethyl Acetate
Concen: 0.237 ppbv m
RT: 5.671 min Scan# 898
Delta R.T. -0.003 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

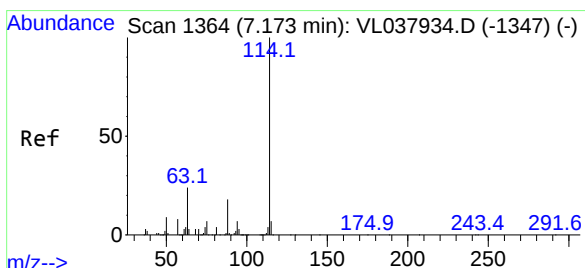
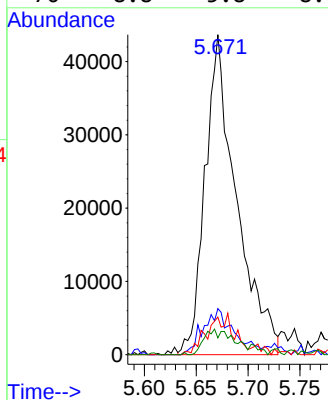
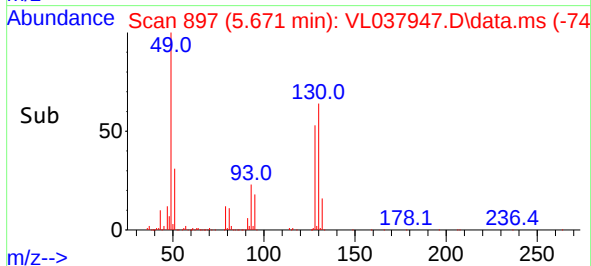
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43	Resp: 91972
Ion Ratio	Lower Upper
43 100	
45 16.2	8.1 12.1
61 12.6	8.1 12.1
70 8.8	5.8 8.6

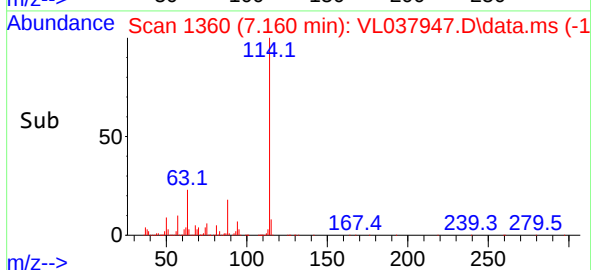
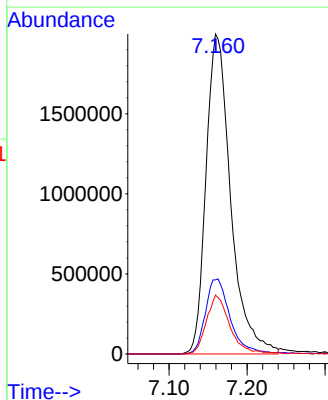
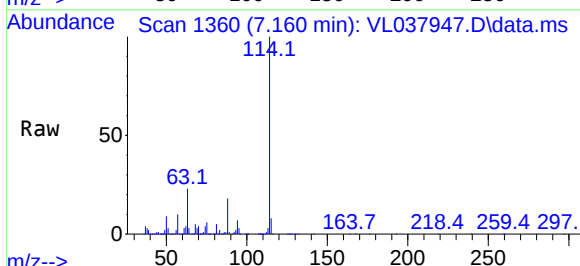
Manual Integrations
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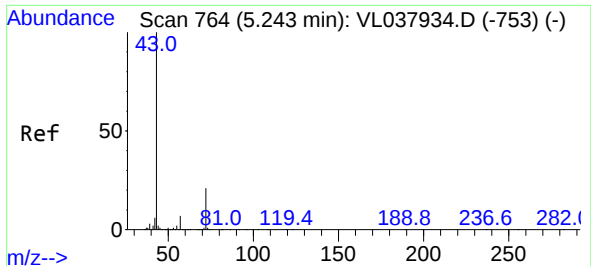
Reviewed By :Semsettin Yesilyurt 11/05/2021
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.013 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

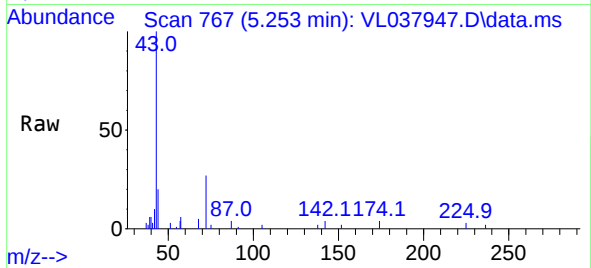
Tgt Ion:114	Resp: 4396004
Ion Ratio	Lower Upper
114 100	
63 23.9	19.4 29.0
88 17.7	14.2 21.4





#34
2-Butanone
Concen: 0.131 ppbv m
RT: 5.253 min Scan# 764
Delta R.T. 0.009 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

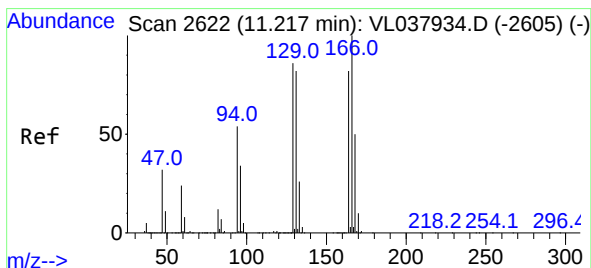
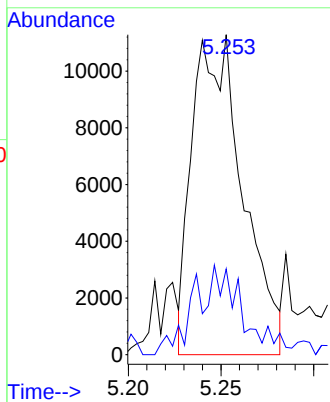
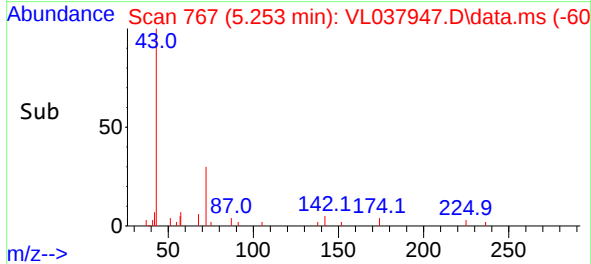
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 21285
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5

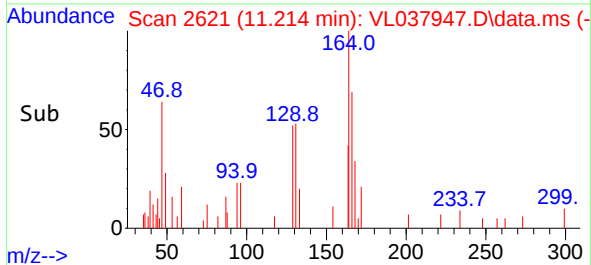
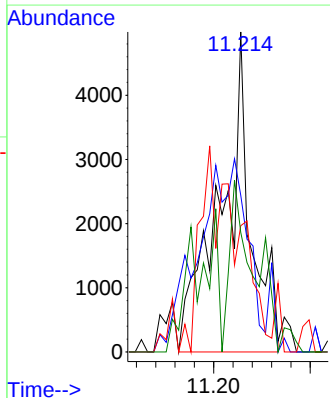
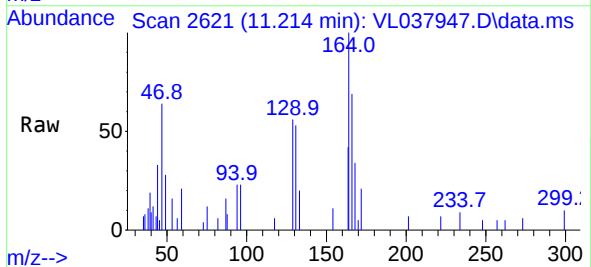
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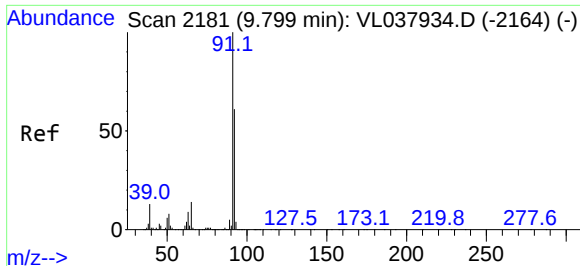
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Tetrachloroethene
Concen: 0.039 ppbv m
RT: 11.214 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

Tgt Ion:164 Resp: 5324
Ion Ratio Lower Upper
164 100
166 69.3 97.6 146.4#
129 55.9 84.2 126.2#
131 52.9 79.6 119.4#





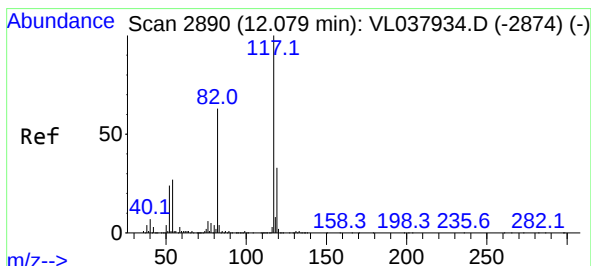
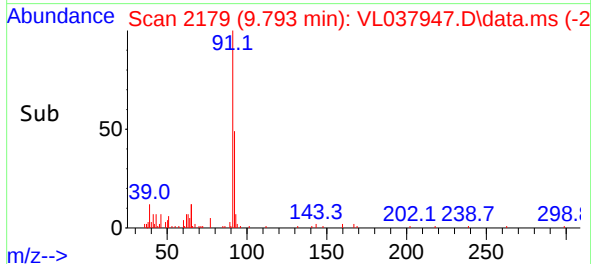
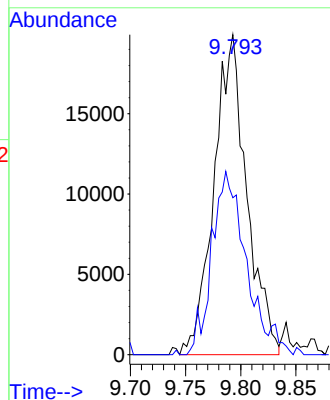
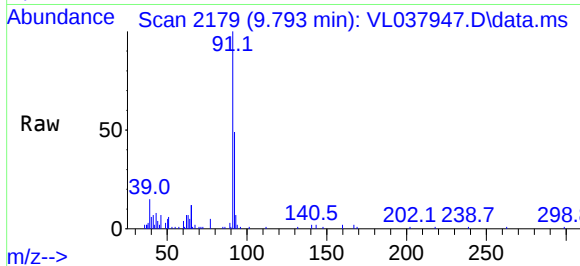
#53
Toluene
Concen: 0.108 ppbv m
RT: 9.793 min Scan# 2181
Delta R.T. -0.007 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 91 Resp: 41279
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4

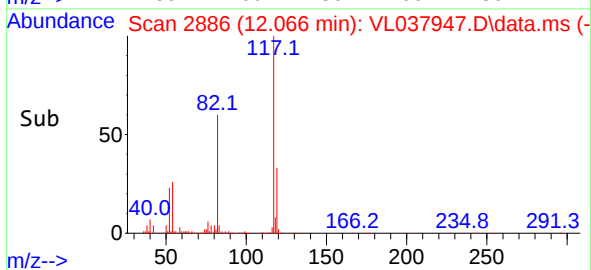
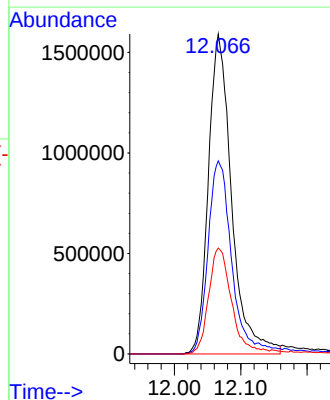
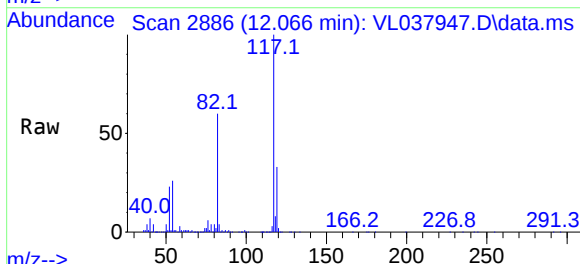
Manual Integrations
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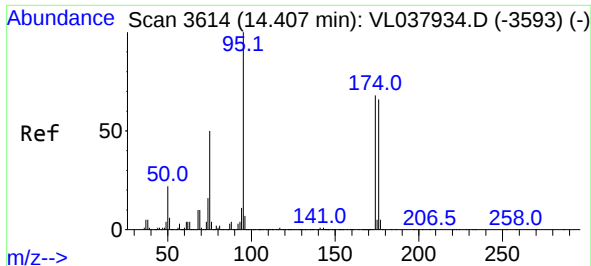
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037947.D
Acq: 1 Nov 2021 20:55

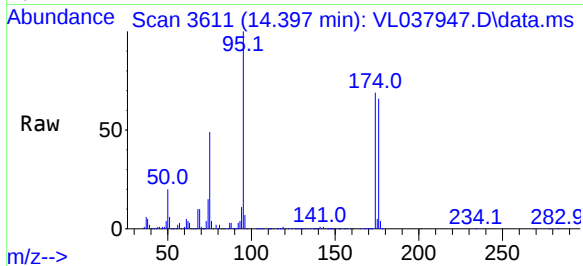
Tgt Ion:117 Resp: 3876217
Ion Ratio Lower Upper
117 100
82 64.0 51.0 76.6
119 34.2 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.663 ppbv
 RT: 14.397 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL037947.D
 Acq: 1 Nov 2021 20:55

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 272254

Ion	Ratio	Lower	Upper
95	100		
174	75.7	58.3	87.5
175	5.6	4.6	6.8

Manual Integrations
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