

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039163.D
 Acq On : 3 Jun 2022 21:52
 Operator : SY/AP
 Sample : N3106-07DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:19:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 04 00:19:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1058055	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2617073	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	2224114	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.420	95	1843480	10.026	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Chloromethane	3.153	50	10570m	0.153	ppbv	
9) Propene	3.031	41	198319m	3.378	ppbv	
13) Ethanol	3.607	45	492598	153.873	ppbv #	100
15) Acetone	3.857	43	550855	4.998	ppbv	98
19) Isopropyl Alcohol	3.967	45	1333412	25.794	ppbv	99
20) Methylene Chloride	4.356	84	117386	2.527	ppbv	95
26) Hexane	5.700	57	109823m	1.006	ppbv	
34) 2-Butanone	5.253	43	37108m	0.261	ppbv	
41) Tetrahydrofuran	6.073	42	10409m	0.122	ppbv	
53) Toluene	9.812	91	30911m	0.126	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	133747m	0.792	ppbv	

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

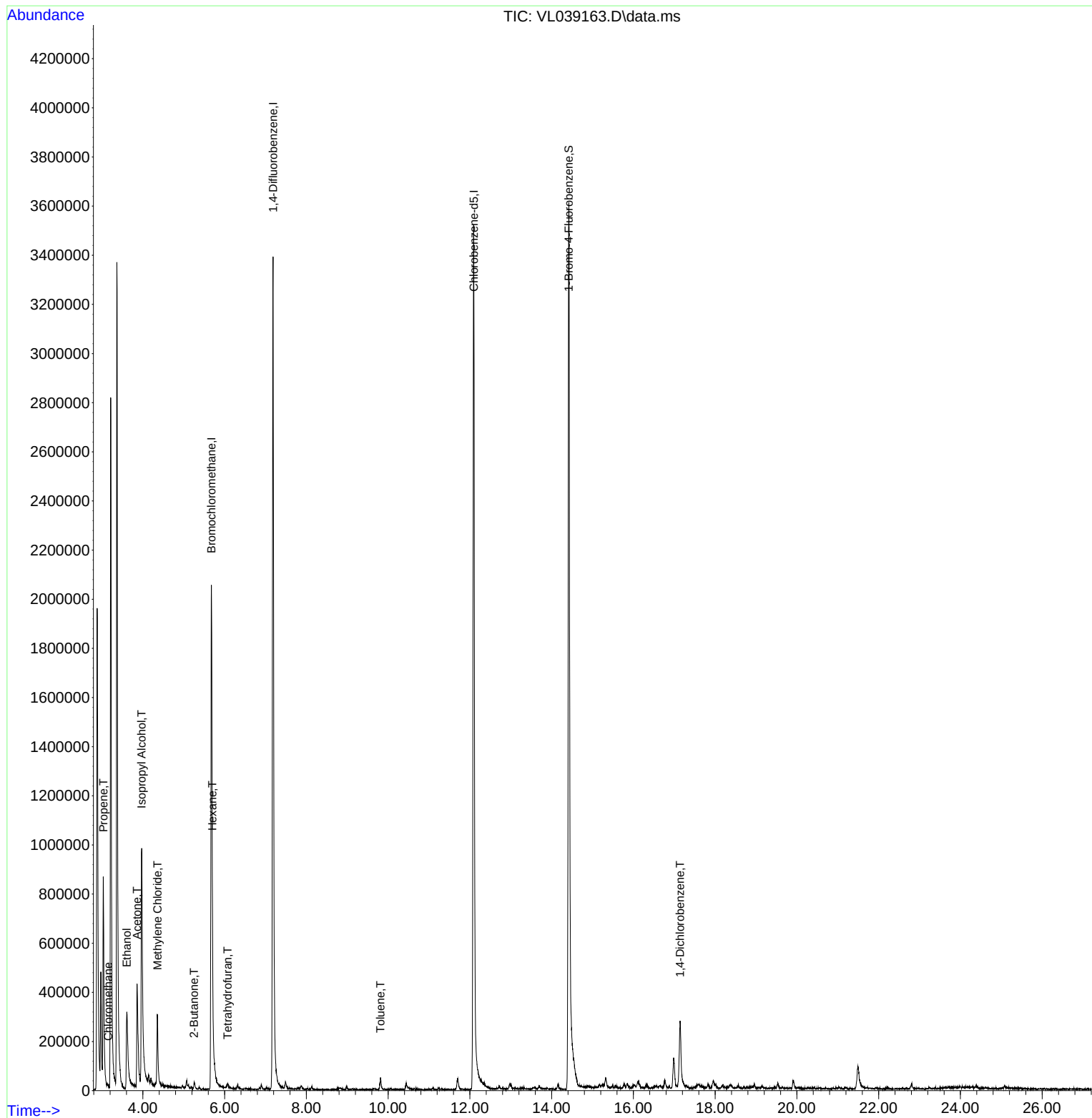
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
Data File : VL039163.D
Acq On : 3 Jun 2022 21:52
Operator : SY/AP
Sample : N3106-07DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

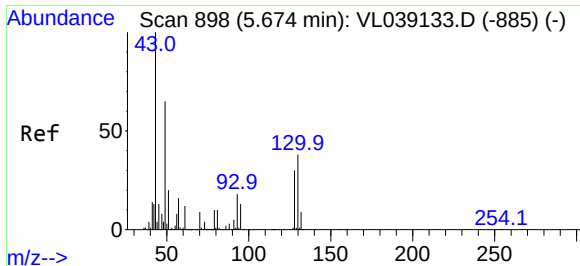
Instrument :
MSVOA_L
ClientSampleId :
IA3DL

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Supervised By : Mahesh Dadoda 06/06/2022

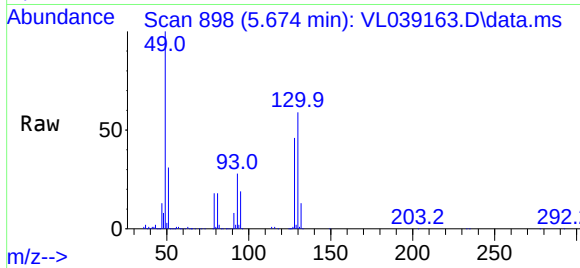
Quant Time: Jun 04 00:19:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

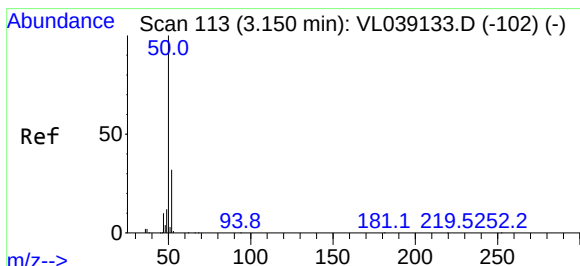
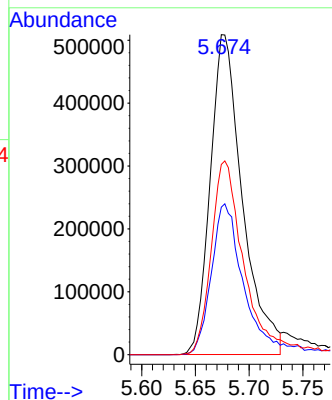
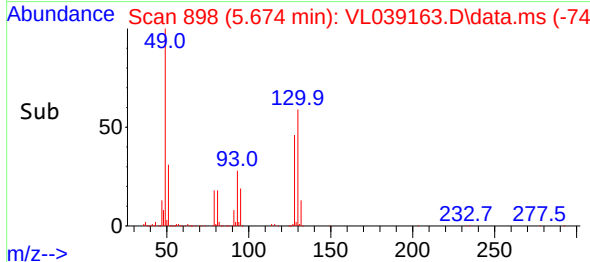
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion: 49 Resp: 105805
Ion Ratio Lower Upper
49 100
128 50.9 24.7 74.1
130 64.6 31.4 94.0

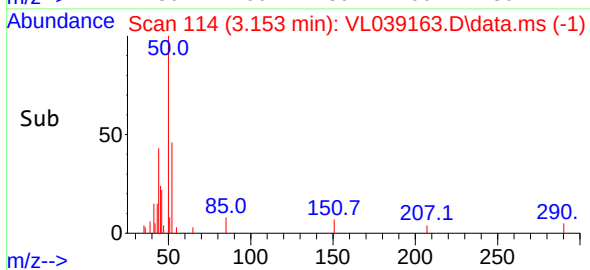
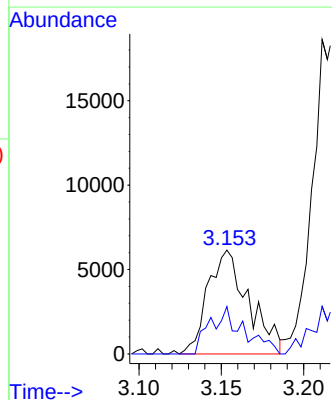
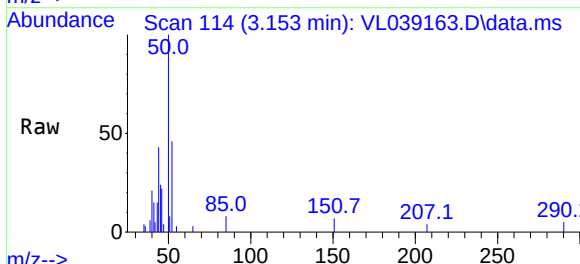
Manual Integrations
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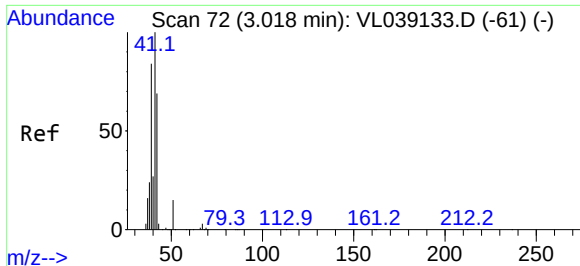
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#4
Chloromethane
Concen: 0.153 ppbv m
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

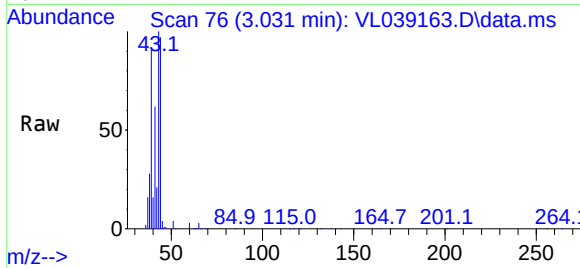
Tgt Ion: 50 Resp: 10570
Ion Ratio Lower Upper
50 100
52 45.7 25.9 38.9





#9
Propene
Concen: 3.378 ppbv m
RT: 3.031 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

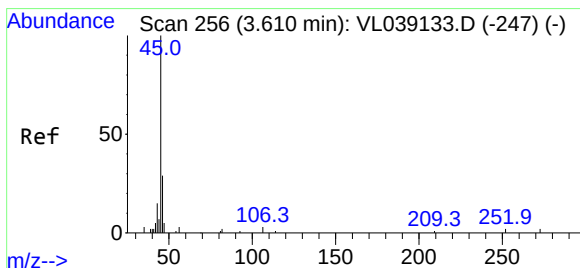
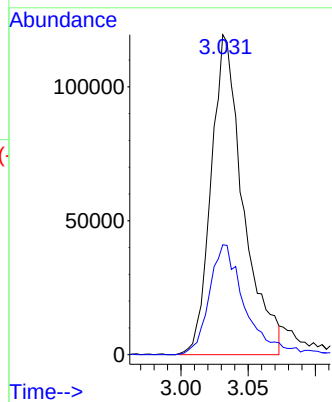
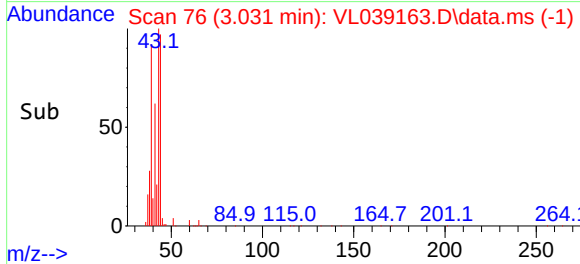
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



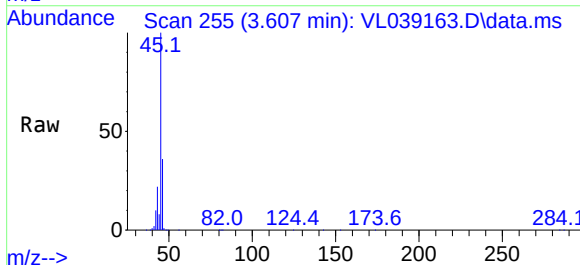
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Ion Ratio Lower Upper
41 100
42 342.5 55.4 83.2

Manual Integrations
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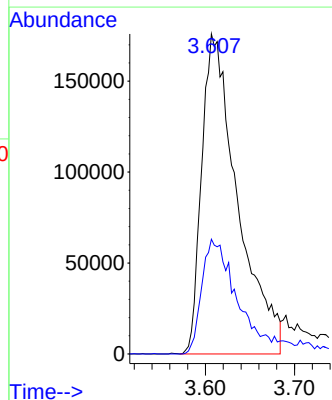
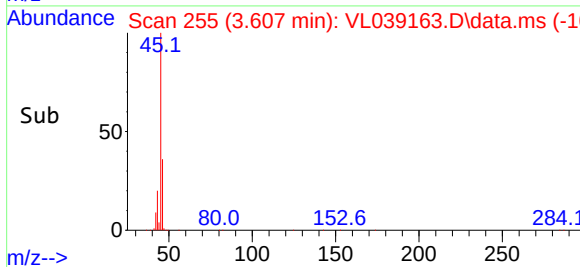
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

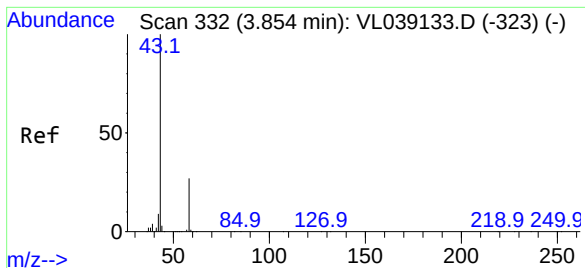


#13
Ethanol
Concen: 153.873 ppbv
RT: 3.607 min Scan# 255
Delta R.T. -0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52



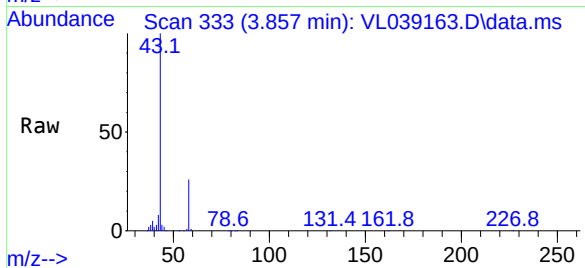
Tgt Ion: 45 Resp: 492598
Ion Ratio Lower Upper
45 100
46 39.8 0.0 0.0





#15
Acetone
Concen: 4.998 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

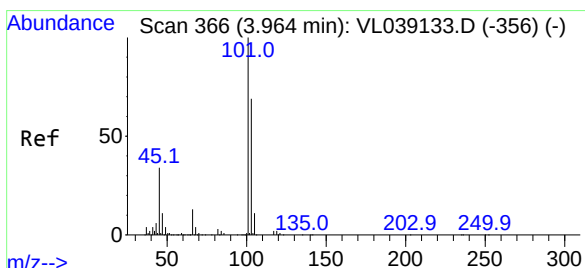
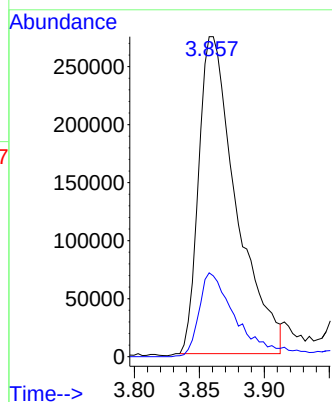
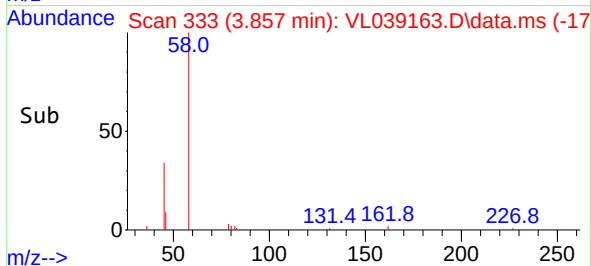
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



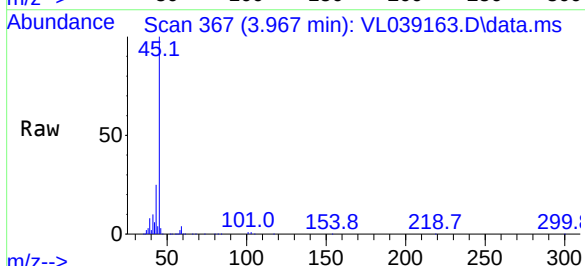
Tgt Ion: 43 Resp: 55085
Ion Ratio Lower Upper
43 100
58 26.9 22.5 33.7

Manual Integrations
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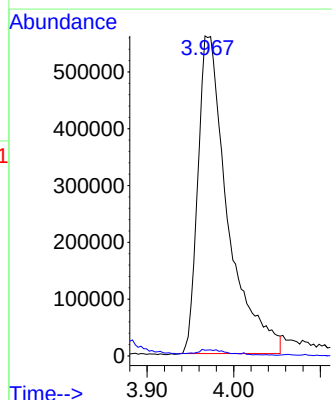
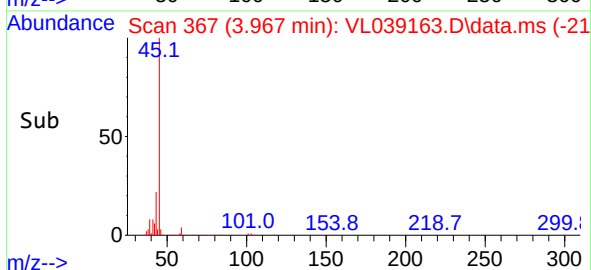
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

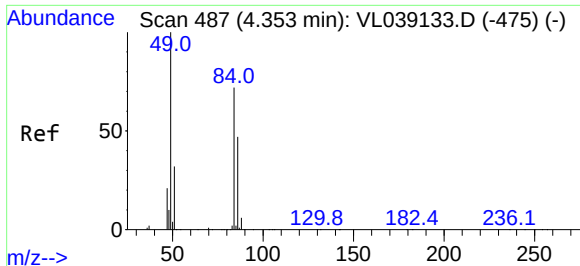


#19
Isopropyl Alcohol
Concen: 25.794 ppbv
RT: 3.967 min Scan# 367
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52



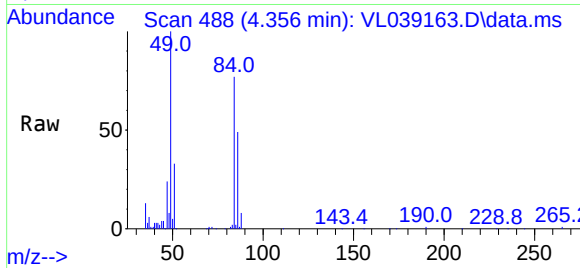
Tgt Ion: 45 Resp: 1333412
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8





#20
Methylene Chloride
Concen: 2.527 ppbv
RT: 4.356 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

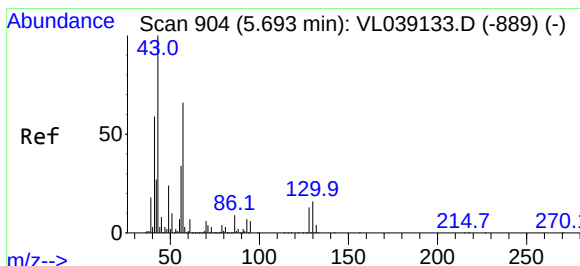
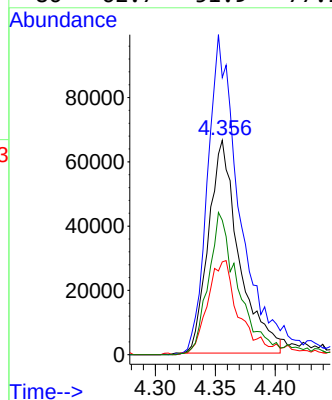
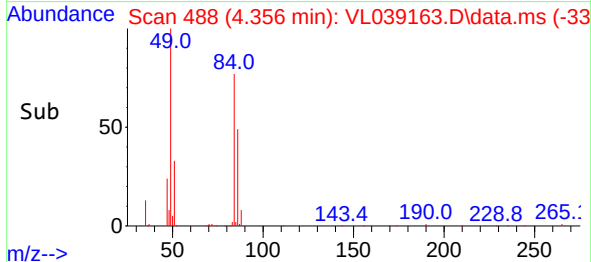
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



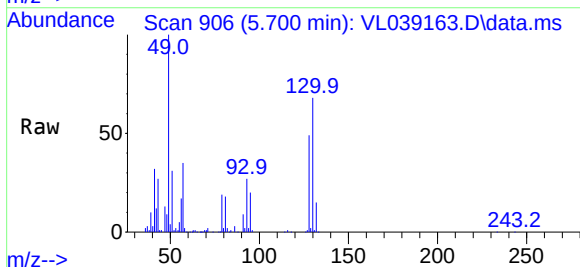
Tgt Ion: 84 Resp: 117380
Ion Ratio Lower Upper
84 100
49 130.0 111.1 166.7
51 43.3 35.3 52.9
86 62.7 51.9 77.9

Manual Integrations
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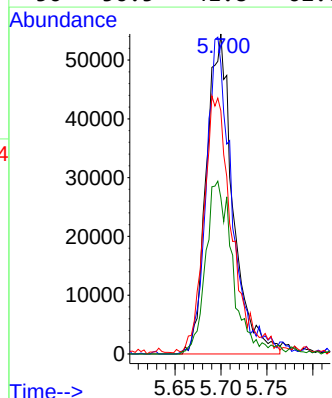
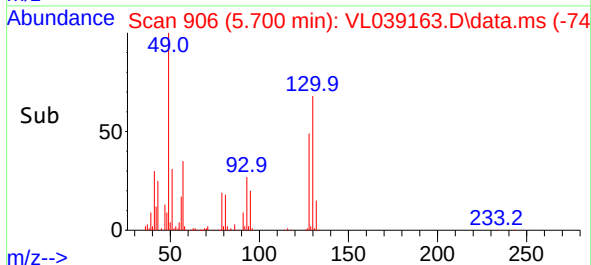
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

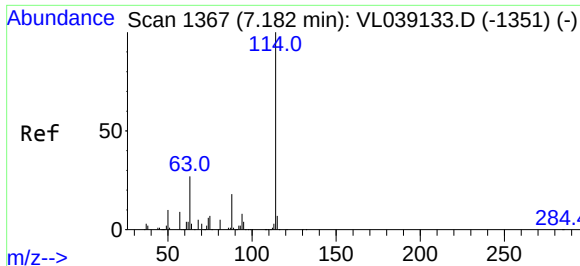


#26
Hexane
Concen: 1.006 ppbv m
RT: 5.700 min Scan# 906
Delta R.T. 0.006 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52



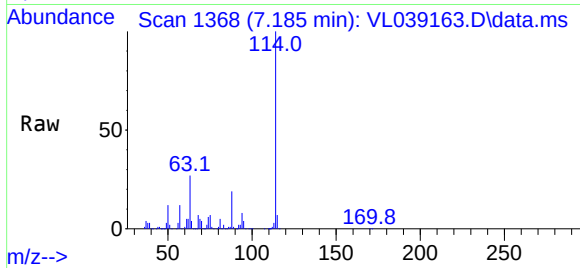
Tgt Ion: 57 Resp: 109823
Ion Ratio Lower Upper
57 100
41 96.7 72.4 108.6
43 88.2 187.0 280.6#
56 56.5 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

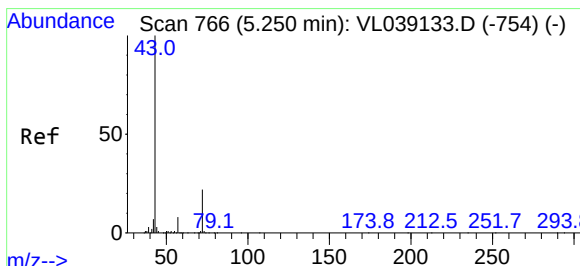
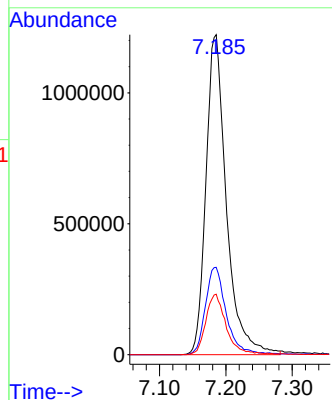
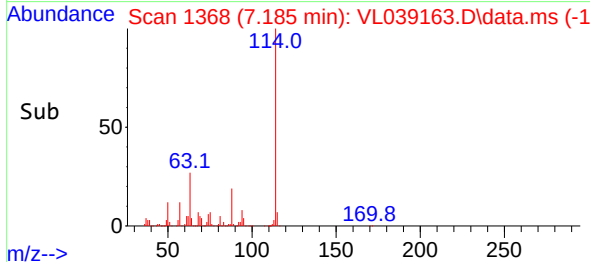
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



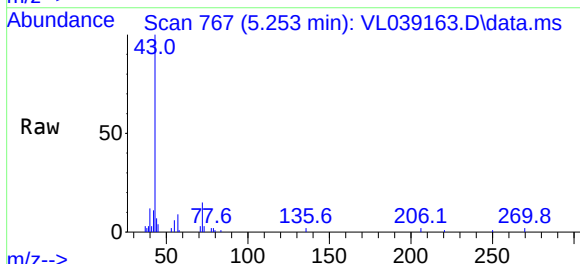
Tgt Ion:114 Resp: 261707
Ion Ratio Lower Upper
114 100
63 28.3 21.7 32.5
88 19.2 14.8 22.2

Manual Integrations
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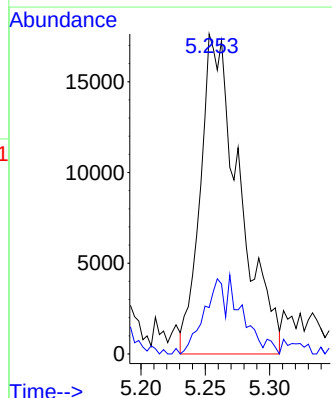
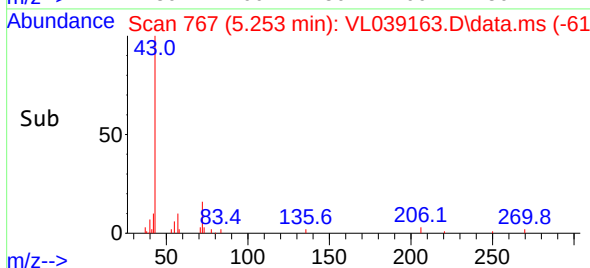
Reviewed By :Semsettin Yesilyurt 06/05/2022
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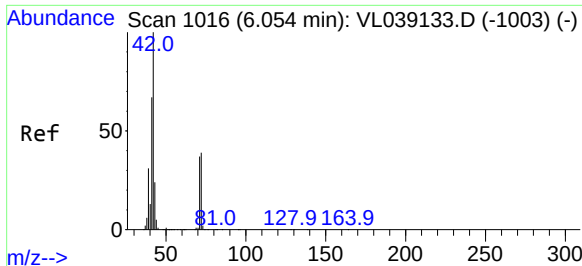


#34
2-Butanone
Concen: 0.261 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52



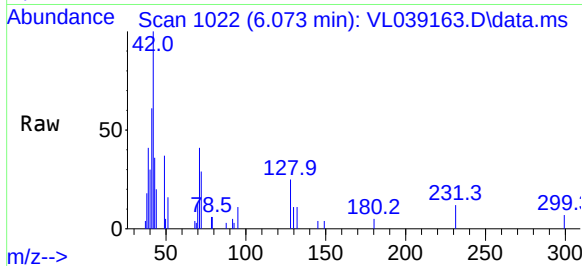
Tgt Ion: 43 Resp: 37108
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#41
Tetrahydrofuran
Concen: 0.122 ppbv m
RT: 6.073 min Scan# 1016
Delta R.T. 0.019 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

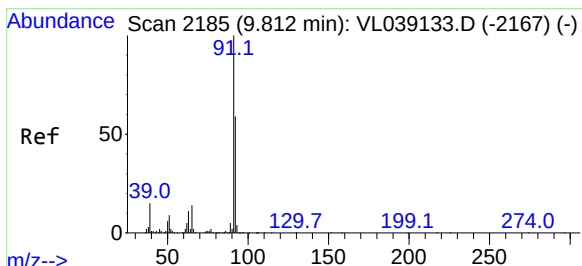
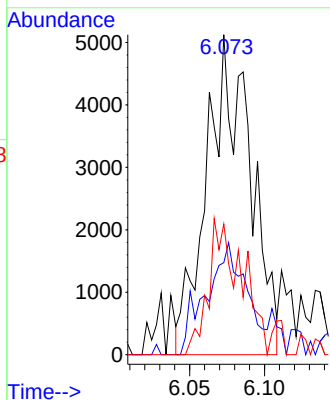
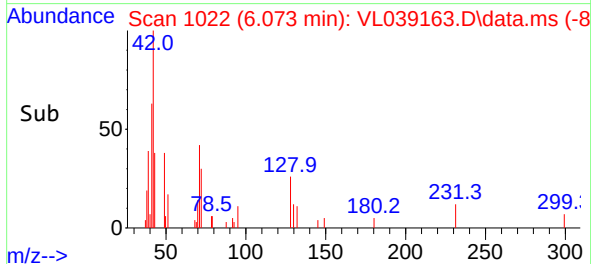
Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion: 42 Resp: 10409
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 34.8 31.1 46.7

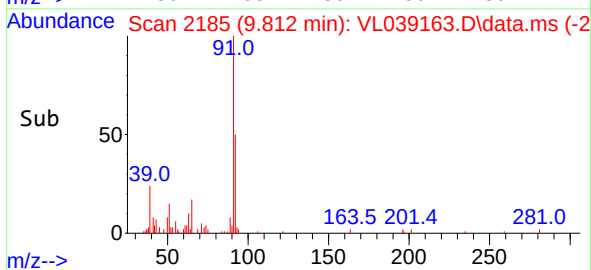
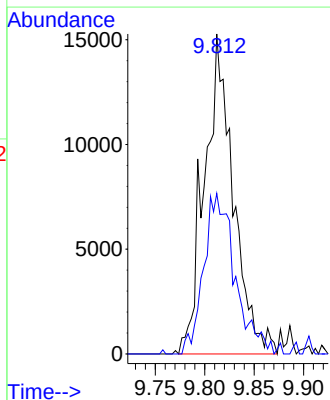
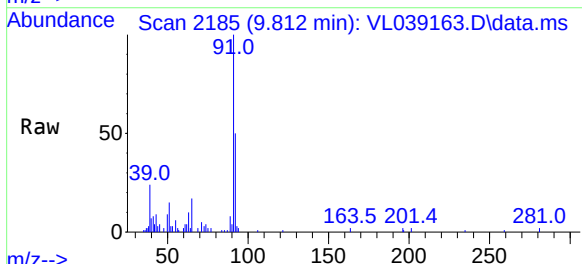
Manual Integrations
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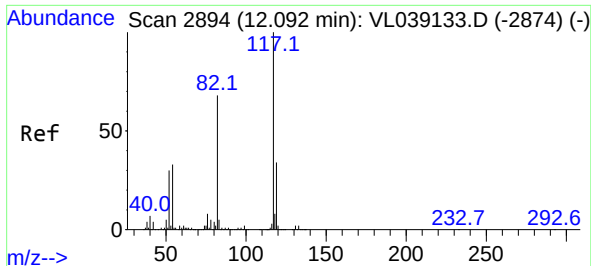
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#53
Toluene
Concen: 0.126 ppbv m
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

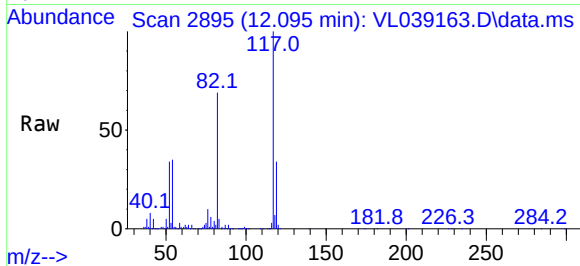
Tgt Ion: 91 Resp: 30911
Ion Ratio Lower Upper
91 100
92 54.9 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

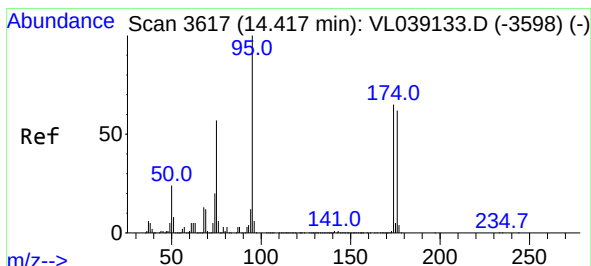
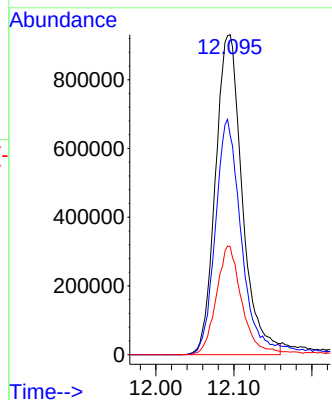
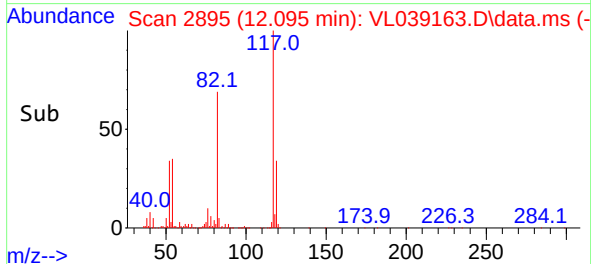
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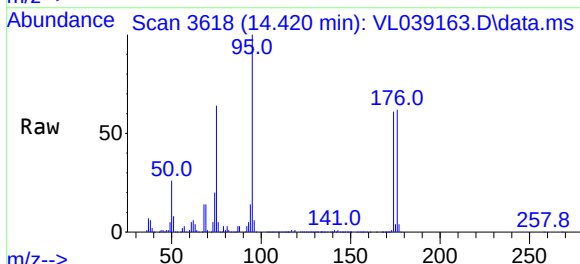
Tgt Ion: 117 Resp: 2224114
Ion Ratio Lower Upper
117 100
82 74.0 55.1 82.7
119 33.7 24.7 37.1

Manual Integrations
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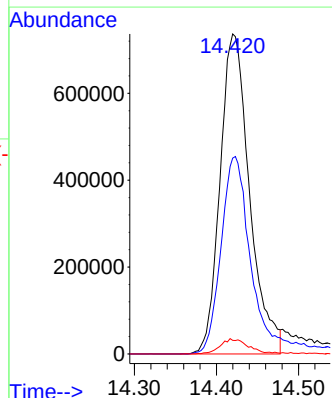
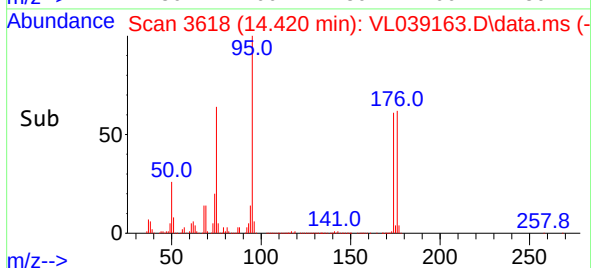
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Supervised By :Mahesh Dadoda 06/06/2022

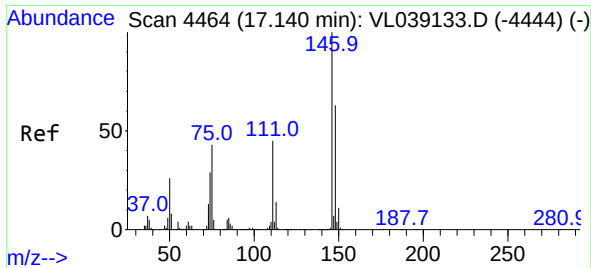


#68
1-Bromo-4-Fluorobenzene
Concen: 10.026 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52



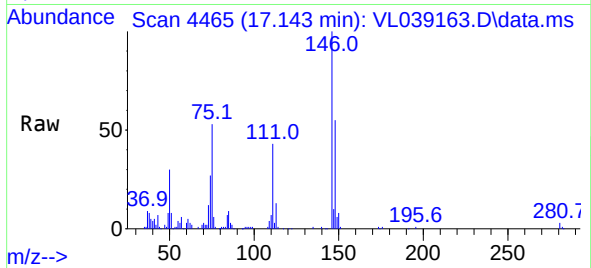
Tgt Ion: 95 Resp: 1843480
Ion Ratio Lower Upper
95 100
174 67.3 53.8 80.8
175 4.7 4.1 6.1





#76
1,4-Dichlorobenzene
Concen: 0.792 ppbv m
RT: 17.143 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL039163.D
Acq: 3 Jun 2022 21:52

Instrument :
MSVOA_L
ClientSampleId :
IA3DL



Tgt Ion:146 Resp: 13374
Ion Ratio Lower Upper
146 100
111 53.4 23.6 71.0
148 70.3 33.7 101.0

Manual Integrations
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Supervised By :Mahesh Dadoda 06/06/2022

