

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039267.D
 Acq On : 14 Jun 2022 1:20
 Operator : SY/AP
 Sample : N3306-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 02:55:18 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0

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	5.668	49	1208003	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2733133	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2285847	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1932508	10.226	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	20334m	0.096	ppbv	
3) Chlorodifluoromethane	2.996	51	17568m	0.114	ppbv	
4) Chloromethane	3.147	50	11559m	0.146	ppbv	
9) Propene	3.031	41	66831	0.997	ppbv #	74
13) Ethanol	3.603	45	130245m	35.635	ppbv	
15) Acetone	3.854	43	563619	4.479	ppbv	90
19) Isopropyl Alcohol	3.973	45	428970	7.268	ppbv #	92
20) Methylene Chloride	4.346	84	82960m	1.564	ppbv	
26) Hexane	5.693	57	53826	0.432	ppbv #	61
34) 2-Butanone	5.253	43	23050m	0.155	ppbv	
52) Tetrachloroethene	11.217	164	17159m	0.198	ppbv	
53) Toluene	9.803	91	40259m	0.158	ppbv	

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

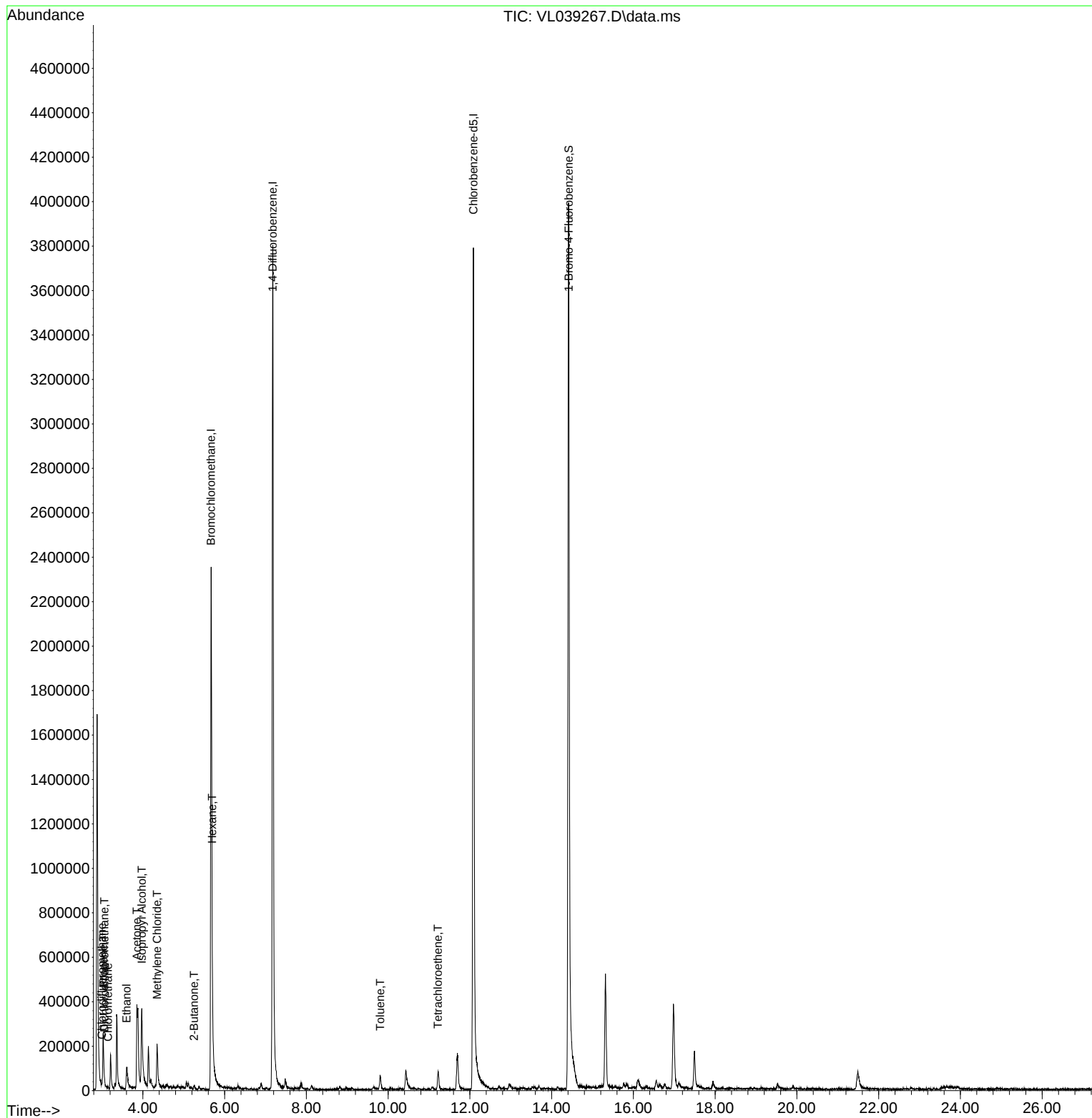
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
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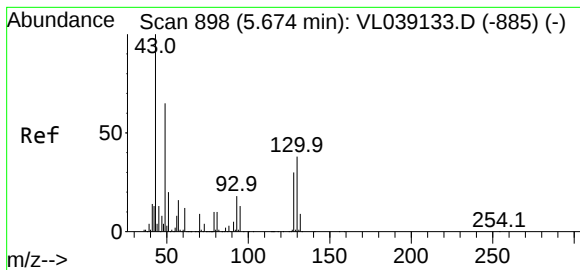
Instrument :
MSVOA_L
ClientSampleId :
SS-1

Quant Time: Jun 14 02:55:18 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

Manual Integrations
APPROVED

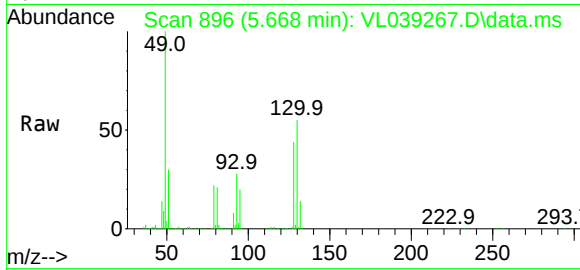
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 898
Delta R.T. -0.006 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

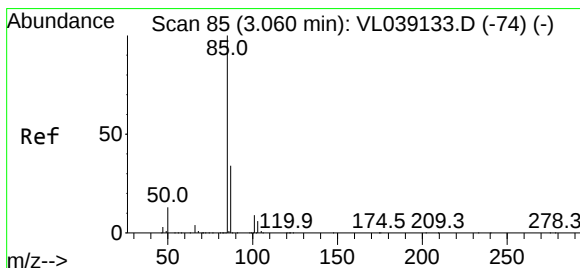
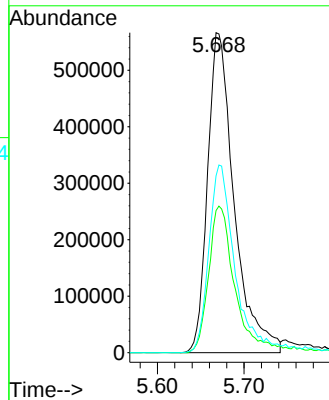
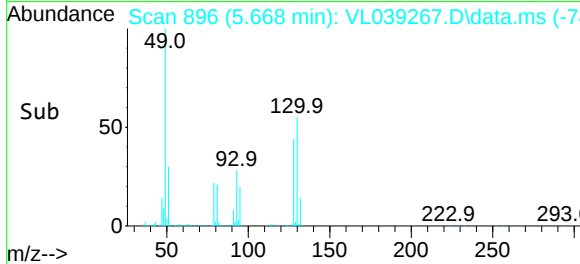
Instrument :
MSVOA_L
ClientSampleId :
SS-1



Tgt Ion: 49 Resp: 120800
Ion Ratio Lower Upper
49 100
128 47.1 24.7 74.1
130 60.2 31.4 94.0

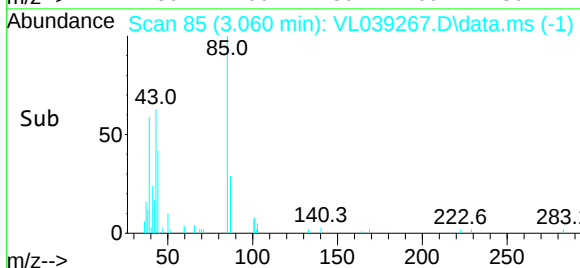
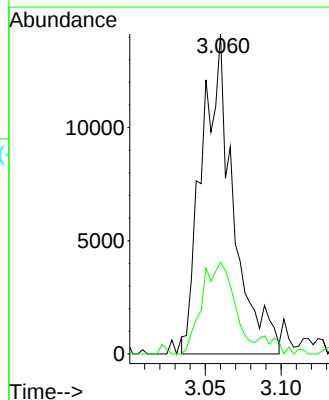
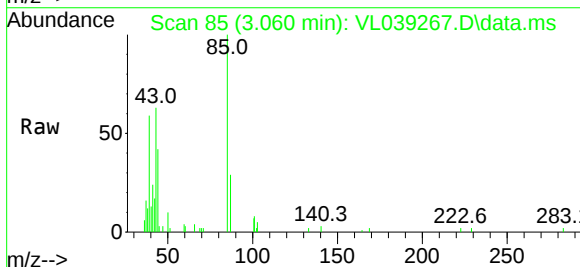
Manual Integrations
APPROVED

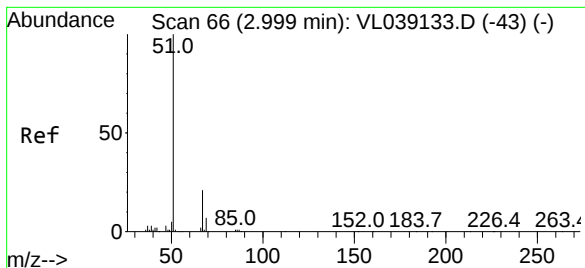
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 0.096 ppbv m
RT: 3.060 min Scan# 85
Delta R.T. -0.000 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

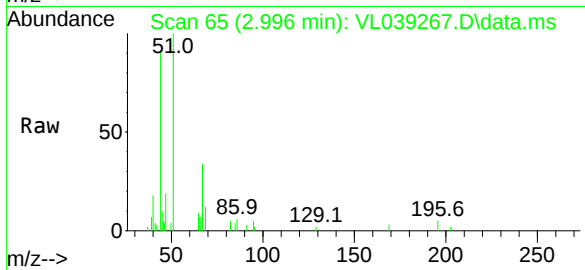
Tgt Ion: 85 Resp: 20334
Ion Ratio Lower Upper
85 100
87 28.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.114 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

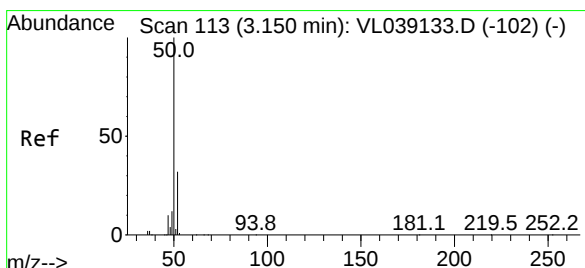
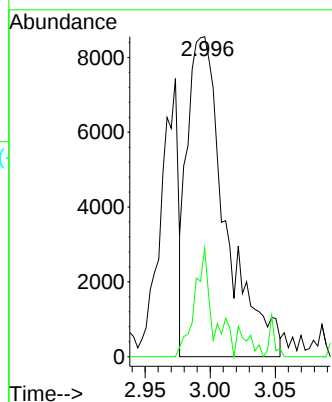
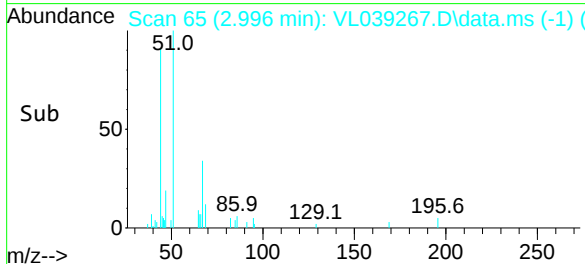
Instrument :
MSVOA_L
ClientSampleId :
SS-1



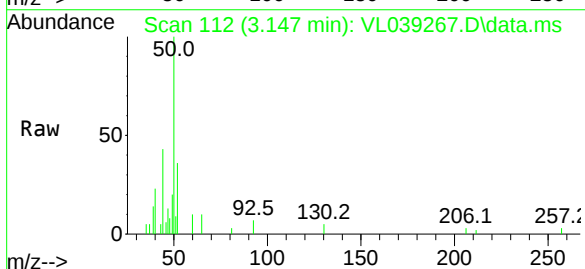
Tgt Ion: 51 Resp: 1756
Ion Ratio Lower Upper
51 100
67 20.9 16.2 24.4

Manual Integrations
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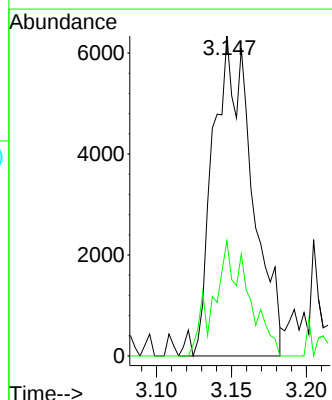
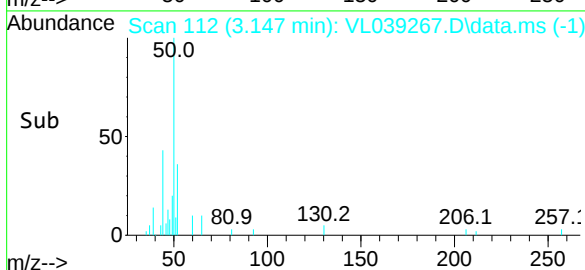
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

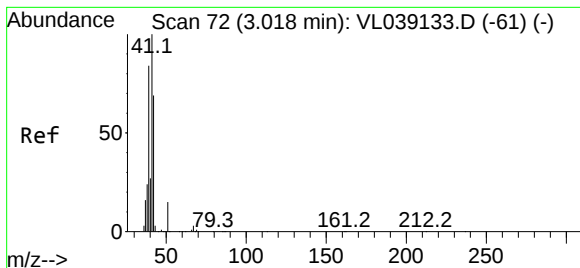


#4
Chloromethane
Concen: 0.146 ppbv m
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20



Tgt Ion: 50 Resp: 11559
Ion Ratio Lower Upper
50 100
52 36.0 25.9 38.9





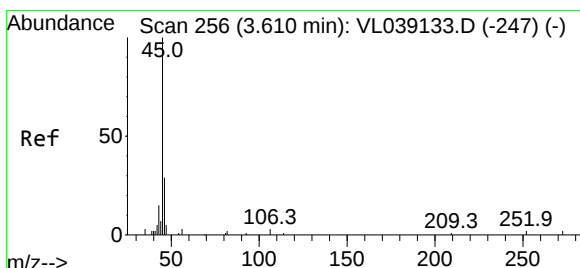
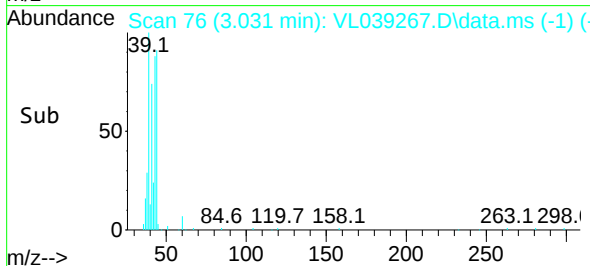
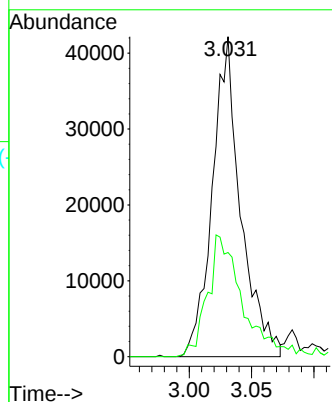
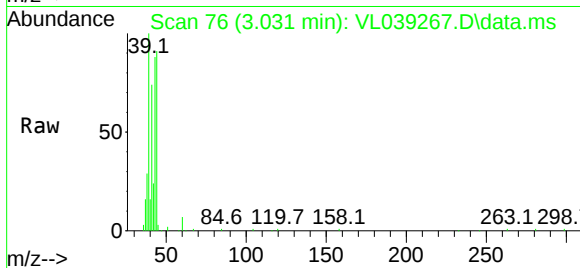
#9
Propene
Concen: 0.997 ppbv
RT: 3.031 min Scan# 70
Delta R.T. 0.013 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 41 Resp: 6683
Ion Ratio Lower Upper
41 100
42 47.7 55.4 83.2

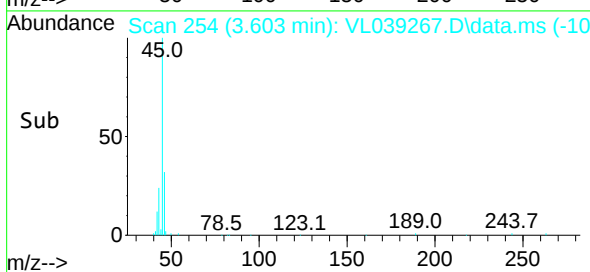
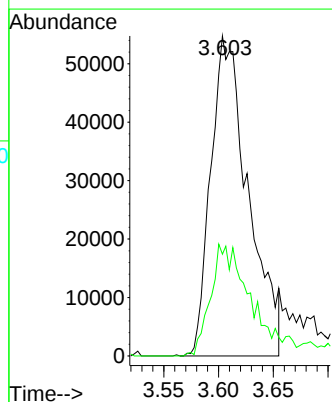
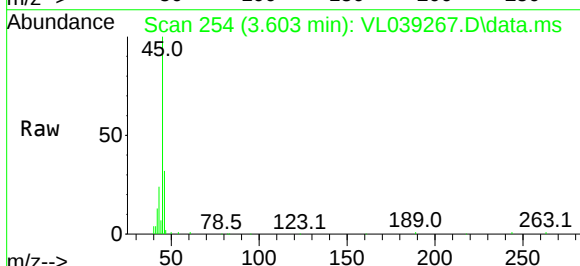
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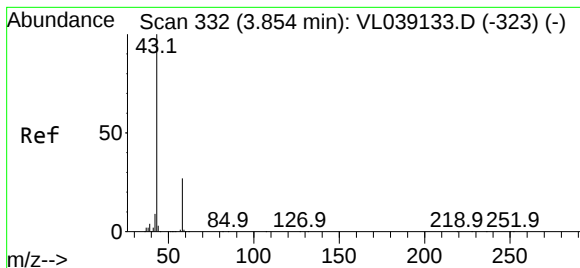
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#13
Ethanol
Concen: 35.635 ppbv m
RT: 3.603 min Scan# 254
Delta R.T. -0.006 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

Tgt Ion: 45 Resp: 130245
Ion Ratio Lower Upper
45 100
46 42.6 0.0 0.0





#15

Acetone

Concen: 4.479 ppbv

RT: 3.854 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039267.D

Acq: 14 Jun 2022 1:20

Instrument :

MSVOA_L

ClientSampleId :

SS-1

Tgt Ion: 43 Resp: 563619

Ion Ratio Lower Upper

43 100

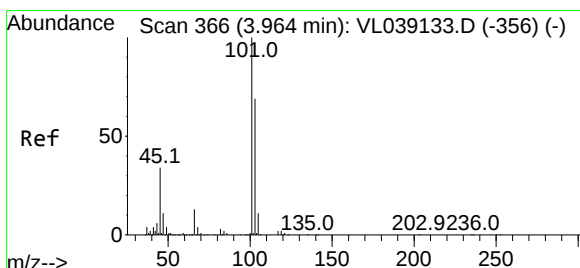
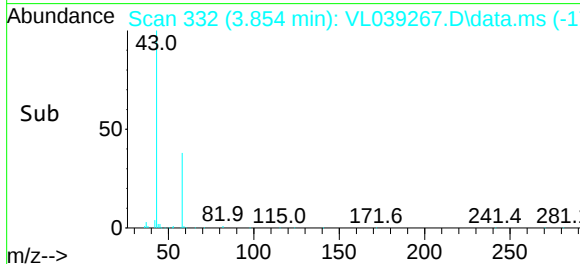
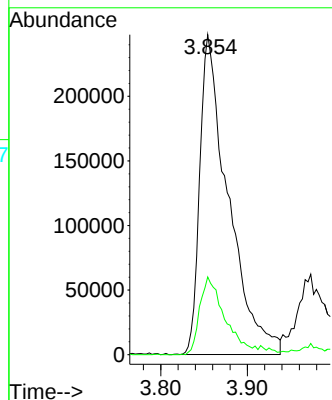
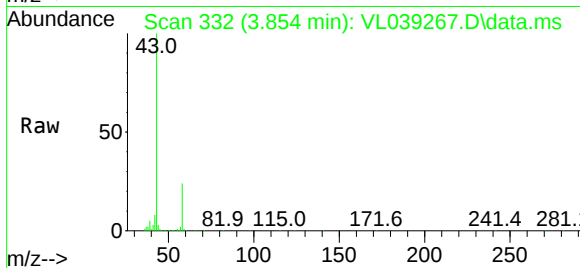
58 22.7 22.5 33.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#19

Isopropyl Alcohol

Concen: 7.268 ppbv

RT: 3.973 min Scan# 369

Delta R.T. 0.010 min

Lab File: VL039267.D

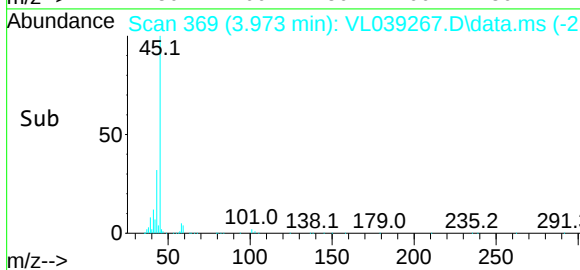
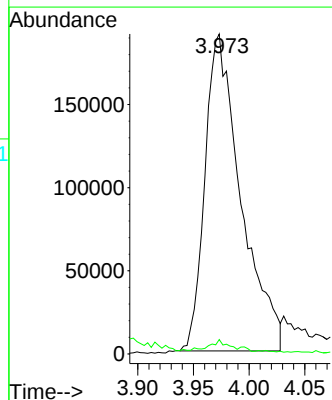
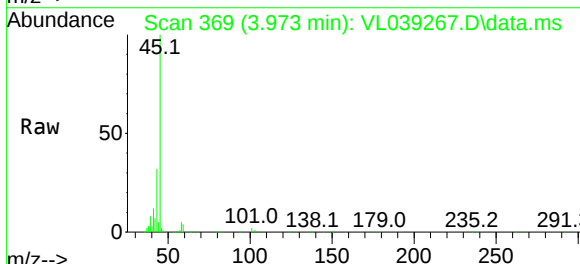
Acq: 14 Jun 2022 1:20

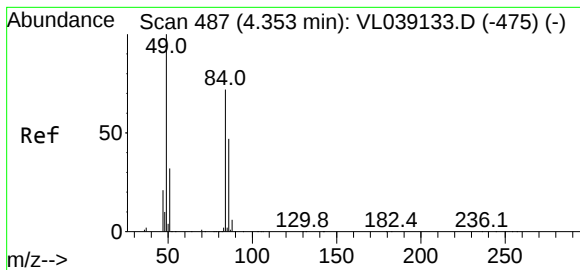
Tgt Ion: 45 Resp: 428970

Ion Ratio Lower Upper

45 100

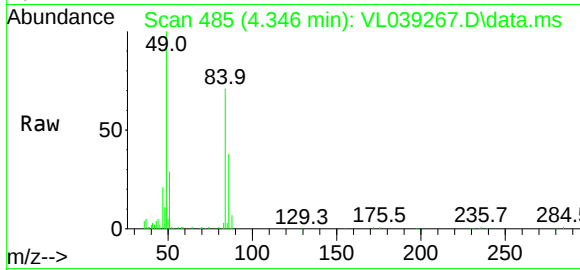
58 5.1 1.8 2.8#





#20
Methylene Chloride
Concen: 1.564 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

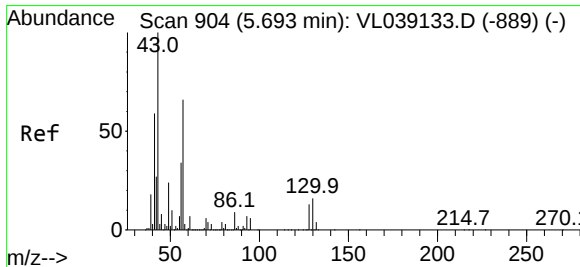
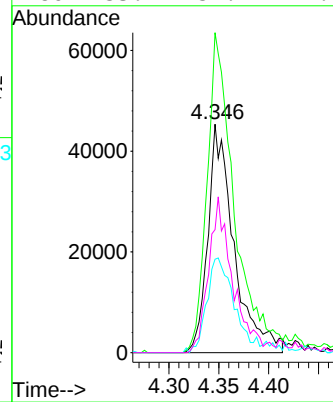
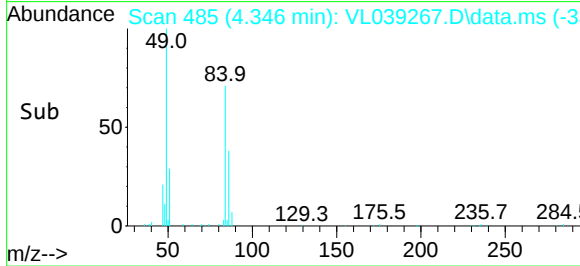
Instrument :
MSVOA_L
ClientSampleId :
SS-1



Tgt Ion: 84	Resp: 82960
Ion Ratio	Lower Upper
84 100	
49 140.1	111.1 166.7
51 40.9	35.3 52.9
86 53.9	51.9 77.9

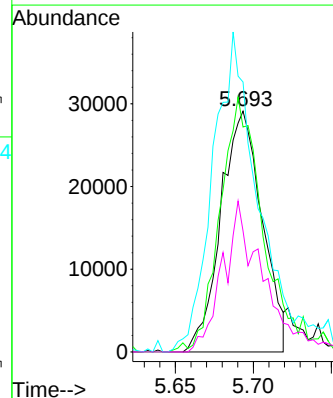
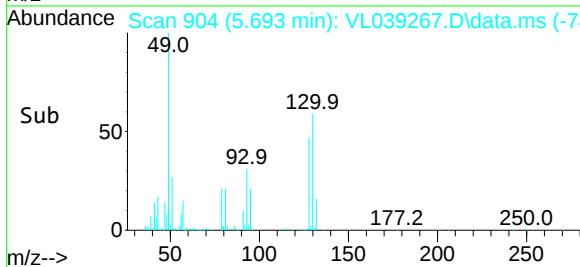
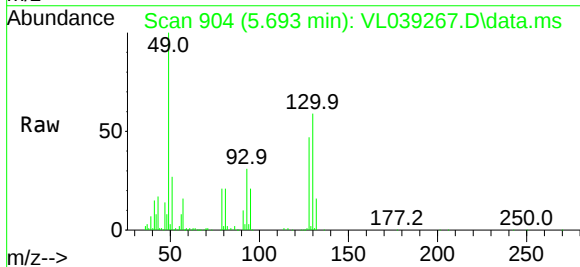
Manual Integrations
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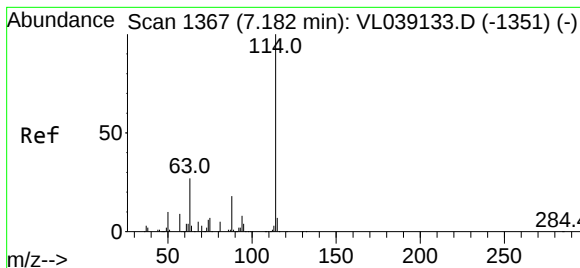
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#26
Hexane
Concen: 0.432 ppbv
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

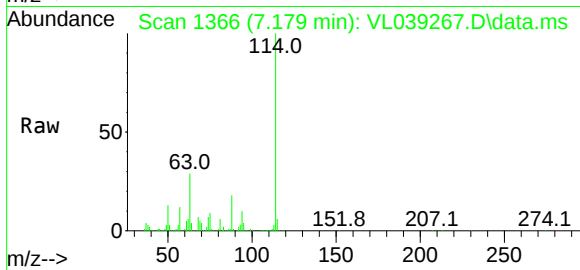
Tgt Ion: 57	Resp: 53826
Ion Ratio	Lower Upper
57 100	
41 114.2	72.4 108.6#
43 151.4	187.0 280.6#
56 64.0	41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

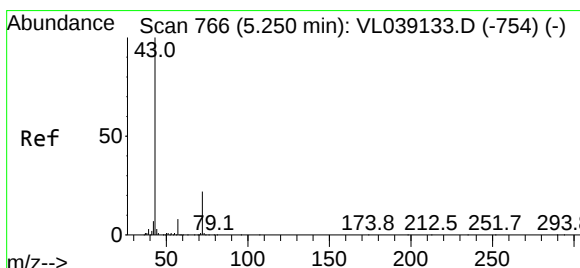
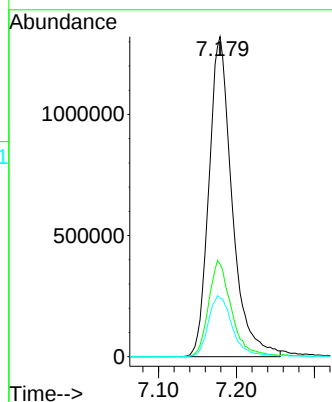
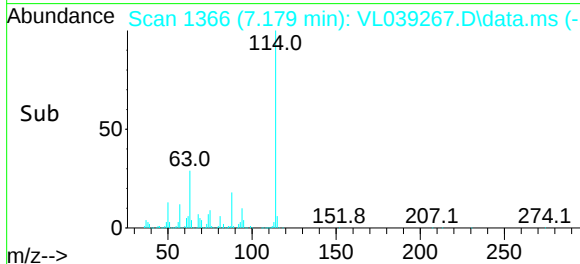
Instrument :
MSVOA_L
ClientSampleId :
SS-1



Tgt Ion: 114 Resp: 273313
Ion Ratio Lower Upper
114 100
63 30.3 21.7 32.5
88 19.9 14.8 22.2

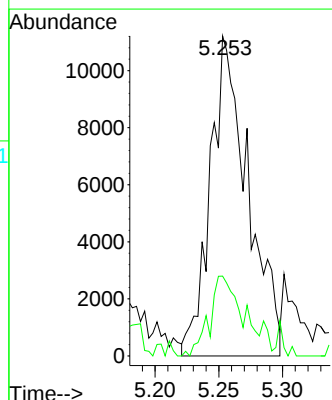
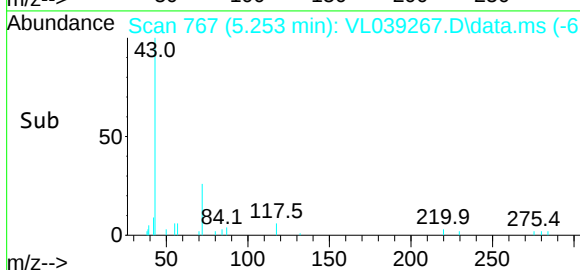
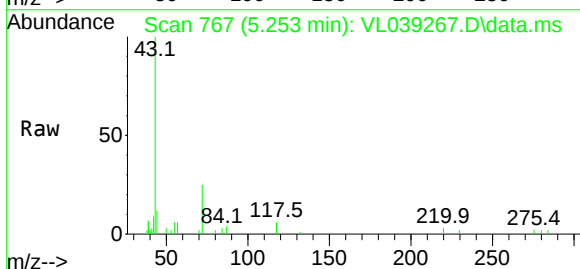
Manual Integrations
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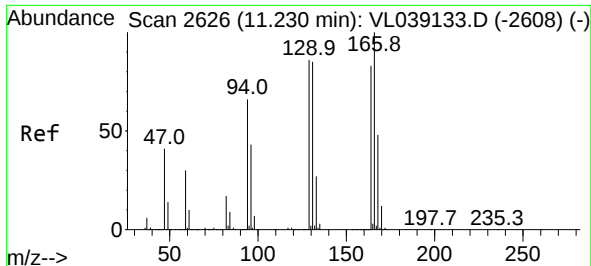
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#34
2-Butanone
Concen: 0.155 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

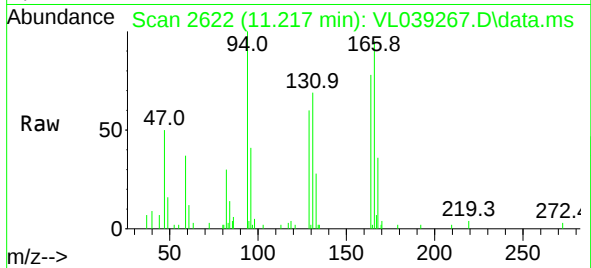
Tgt Ion: 43 Resp: 23050
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#52
Tetrachloroethene
Concen: 0.198 ppbv m
RT: 11.217 min Scan# 2182
Delta R.T. -0.013 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

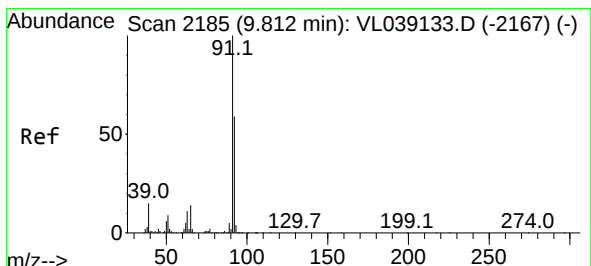
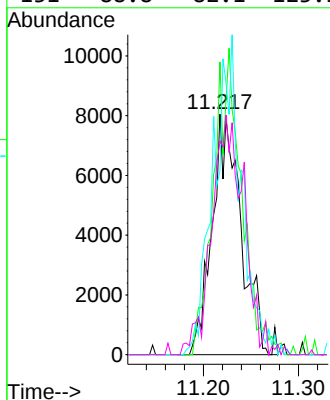
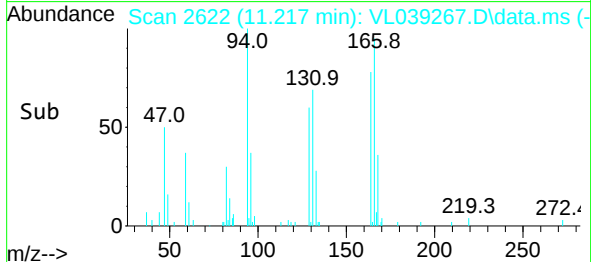
Instrument :
MSVOA_L
ClientSampleId :
SS-1



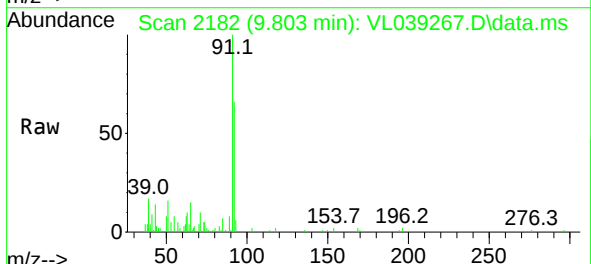
Tgt Ion:164 Resp: 17159
Ion Ratio Lower Upper
164 100
166 121.8 96.3 144.5
129 76.3 82.5 123.7
131 88.8 82.1 123.1

Manual Integrations
APPROVED

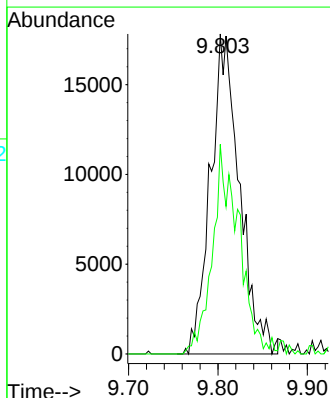
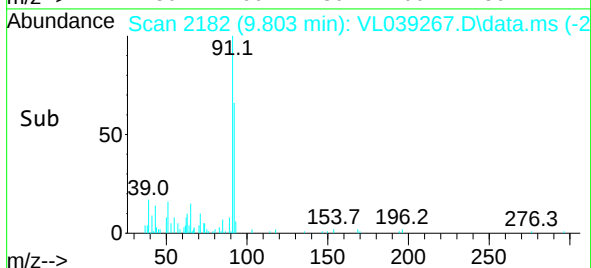
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

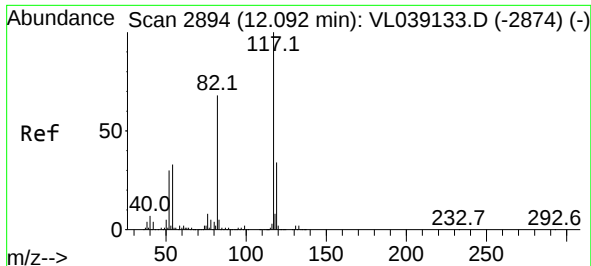


#53
Toluene
Concen: 0.158 ppbv m
RT: 9.803 min Scan# 2182
Delta R.T. -0.010 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20



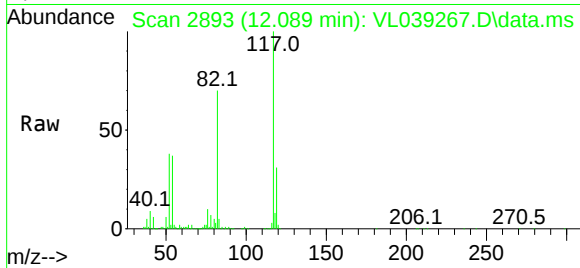
Tgt Ion: 91 Resp: 40259
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

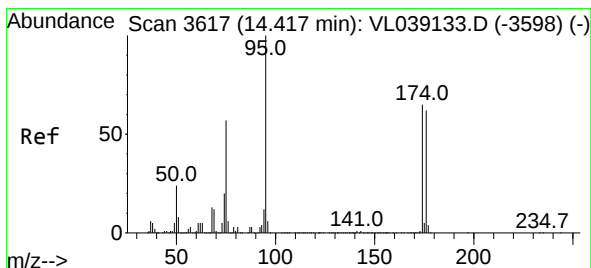
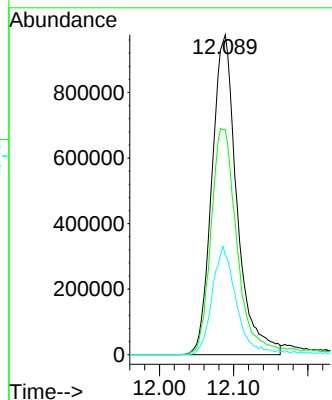
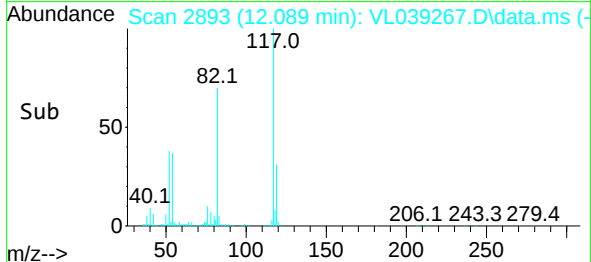
Instrument :
MSVOA_L
ClientSampleId :
SS-1



Tgt Ion: 117 Resp: 228584
Ion Ratio Lower Upper
117 100
82 75.7 55.1 82.7
119 33.1 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.226 ppbv
RT: 14.417 min Scan# 3617
Delta R.T. -0.000 min
Lab File: VL039267.D
Acq: 14 Jun 2022 1:20

Tgt Ion: 95 Resp: 1932508
Ion Ratio Lower Upper
95 100
174 62.4 53.8 80.8
175 4.3 4.1 6.1

