

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039164.D
 Acq On : 3 Jun 2022 22:32
 Operator : SY/AP
 Sample : N3106-08DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 00:19:30 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	5.677	49	1088644	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2602304	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2183766	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1818305	10.072	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	19465	0.102	ppbv	93
4) Chloromethane	3.150	50	10968m	0.154	ppbv	
9) Propene	3.038	41	148599m	2.460	ppbv	
13) Ethanol	3.616	45	300916	91.356	ppbv #	100
15) Acetone	3.861	43	520273	4.588	ppbv	99
19) Isopropyl Alcohol	3.973	45	902185	16.962	ppbv #	98
20) Methylene Chloride	4.356	84	142139	2.974	ppbv	97
26) Hexane	5.693	57	117404	1.045	ppbv #	42
34) 2-Butanone	5.263	43	26316m	0.186	ppbv	
53) Toluene	9.819	91	24416m	0.100	ppbv	
76) 1,4-Dichlorobenzene	17.146	146	62027	0.374	ppbv	91

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

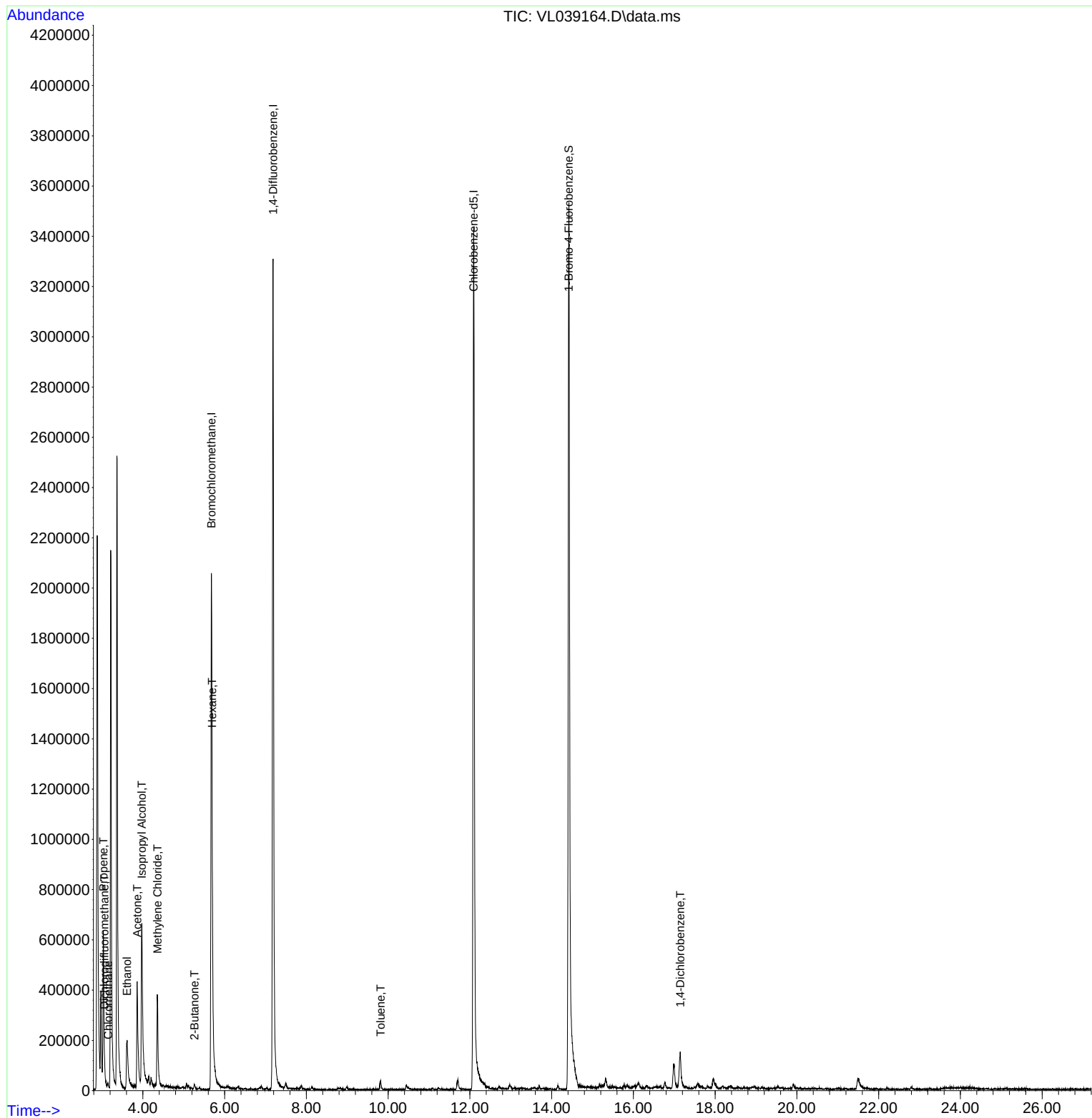
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
Data File : VL039164.D
Acq On : 3 Jun 2022 22:32
Operator : SY/AP
Sample : N3106-08DL 4X
Misc : 400mL/MSVOA_L
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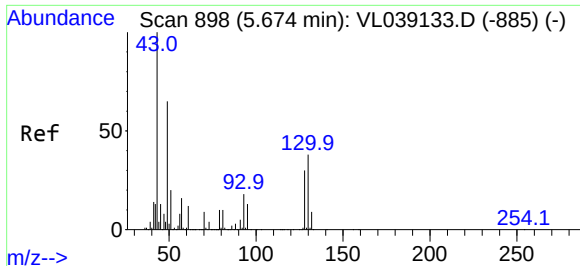
Instrument :
MSVOA_L
ClientSampleId :
IA4DL

Manual Integrations
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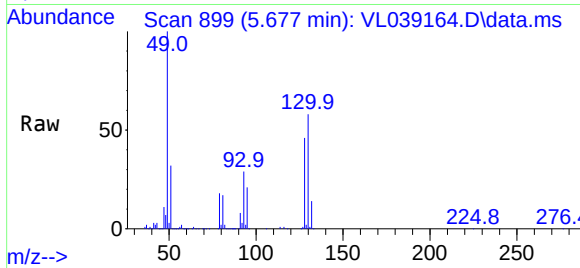
Quant Time: Jun 04 00:19:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

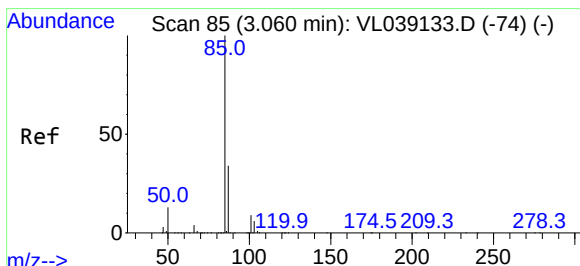
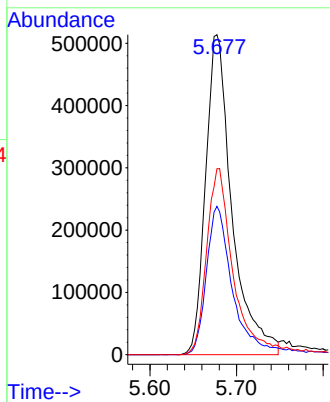
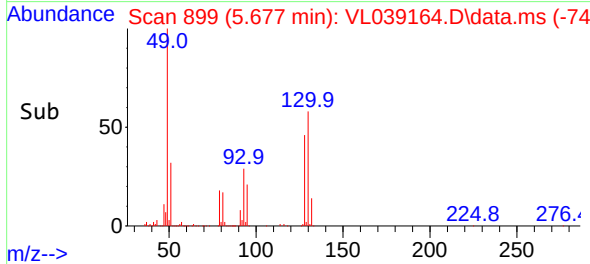
Instrument :
MSVOA_L
ClientSampleId :
IA4DL



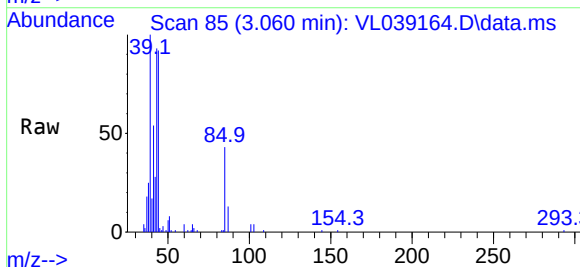
Tgt Ion: 49 Resp: 108864
Ion Ratio Lower Upper
49 100
128 47.5 24.7 74.1
130 61.6 31.4 94.0

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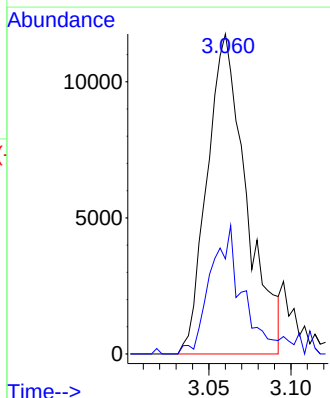
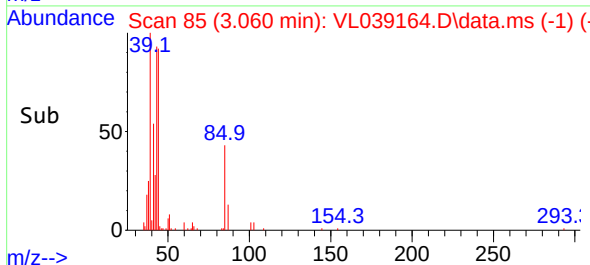
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

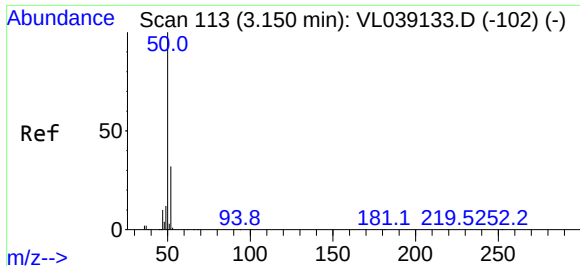


#2
Dichlorodifluoromethane
Concen: 0.102 ppbv
RT: 3.060 min Scan# 85
Delta R.T. -0.000 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



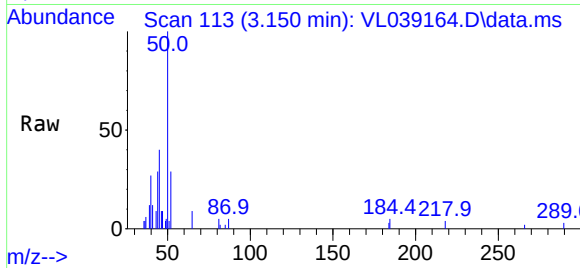
Tgt Ion: 85 Resp: 19465
Ion Ratio Lower Upper
85 100
87 29.7 26.9 40.3





#4
Chloromethane
Concen: 0.154 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. -0.000 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

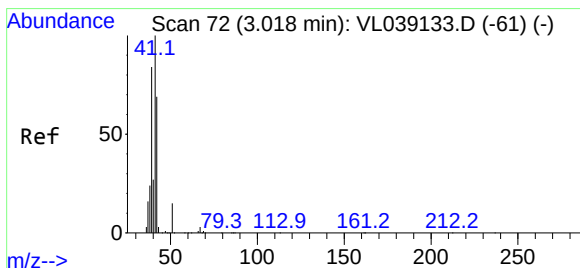
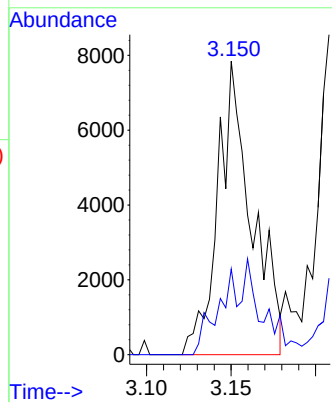
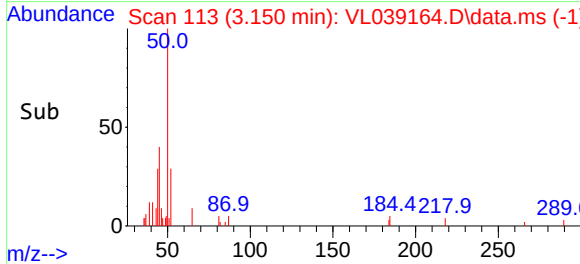
Instrument :
MSVOA_L
ClientSampleId :
IA4DL



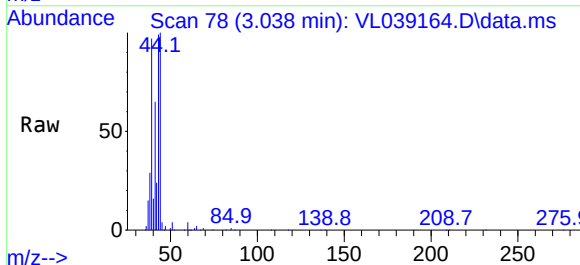
Tgt Ion: 50 Resp: 10968
Ion Ratio Lower Upper
50 100
52 29.2 25.9 38.9

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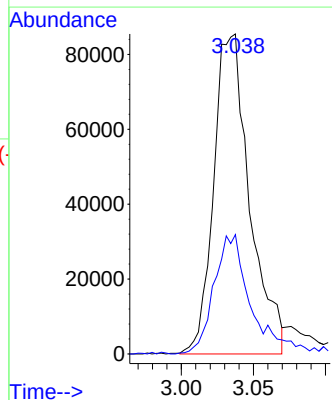
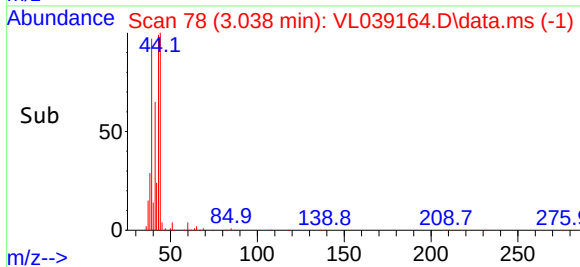
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

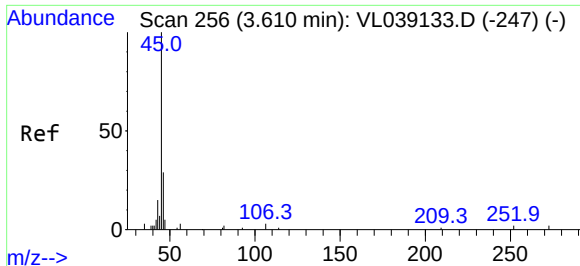


#9
Propene
Concen: 2.460 ppbv m
RT: 3.038 min Scan# 78
Delta R.T. 0.019 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



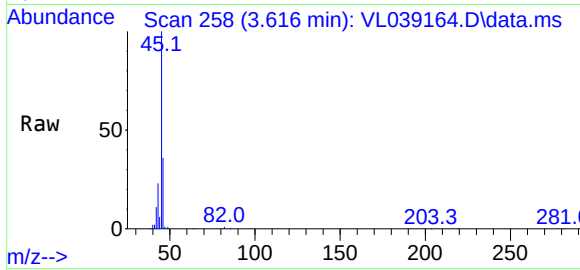
Tgt Ion: 41 Resp: 148599
Ion Ratio Lower Upper
41 100
42 38.0 55.4 83.2





#13
Ethanol
Concen: 91.356 ppbv
RT: 3.616 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

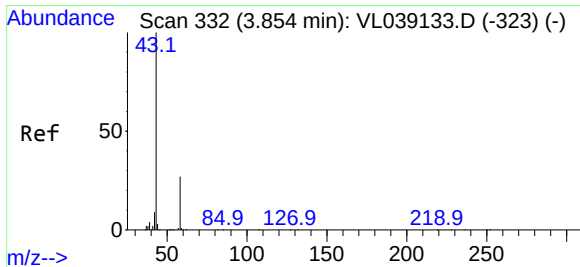
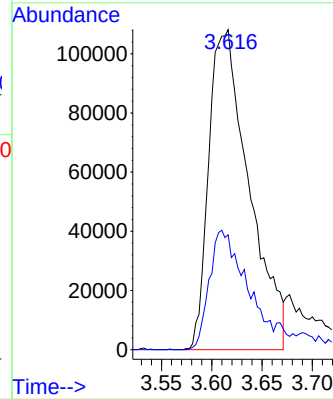
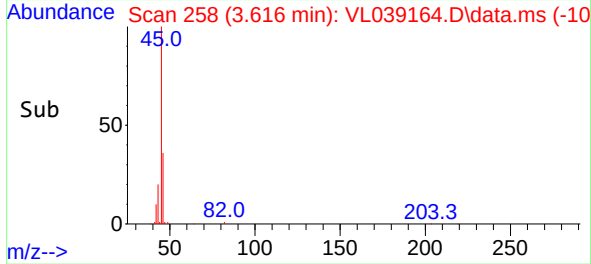
Instrument :
MSVOA_L
ClientSampleId :
IA4DL



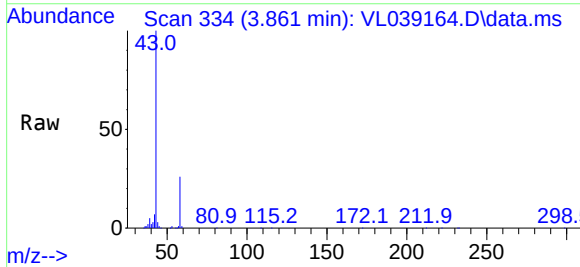
Tgt Ion: 45 Resp: 300910
Ion Ratio Lower Upper
45 100
46 41.8 0.0 0.0

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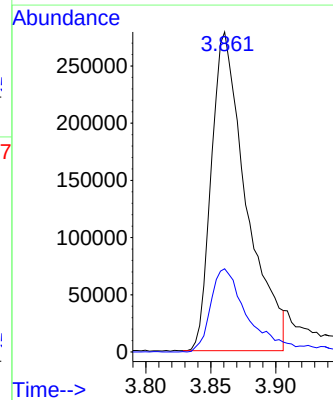
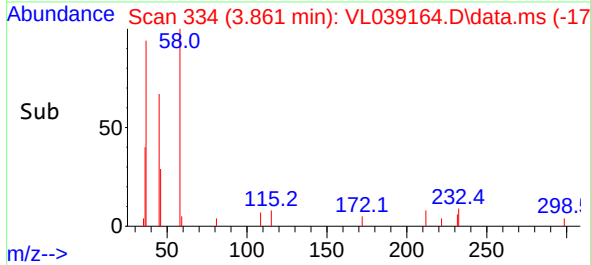
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

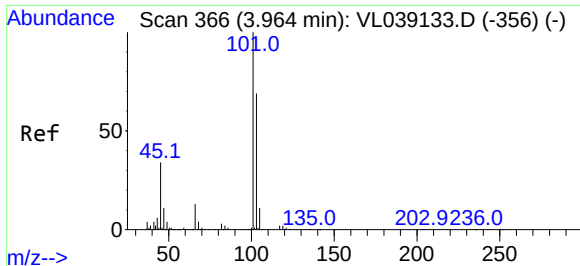


#15
Acetone
Concen: 4.588 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



Tgt Ion: 43 Resp: 520273
Ion Ratio Lower Upper
43 100
58 28.8 22.5 33.7





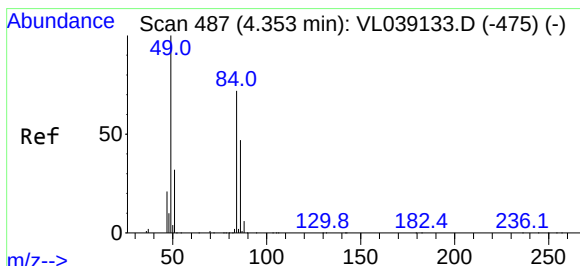
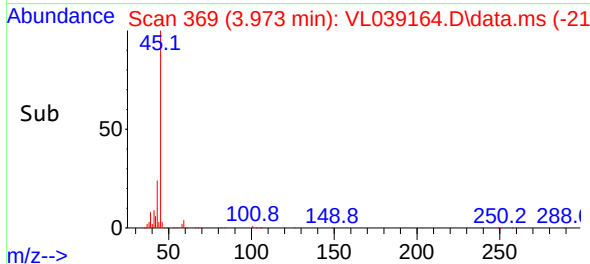
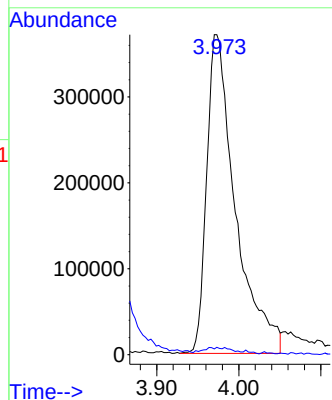
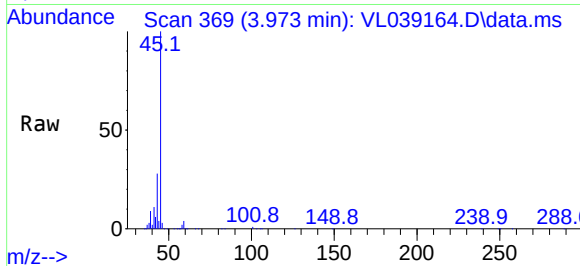
#19
Isopropyl Alcohol
Concen: 16.962 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

Instrument :
MSVOA_L
ClientSampleId :
IA4DL

Tgt Ion: 45 Resp: 90218
Ion Ratio Lower Upper
45 100
58 2.8 1.8 2.8

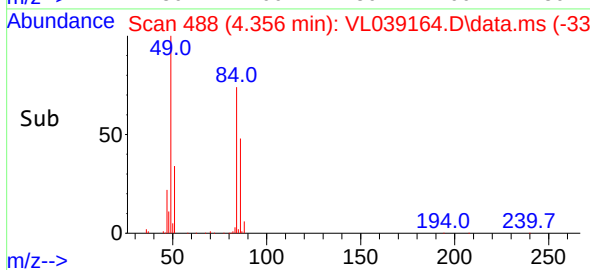
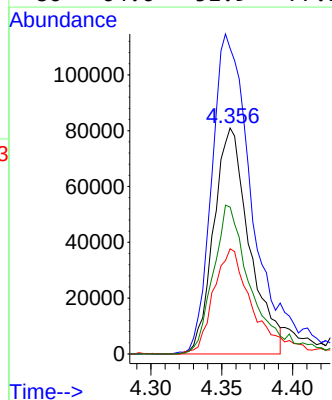
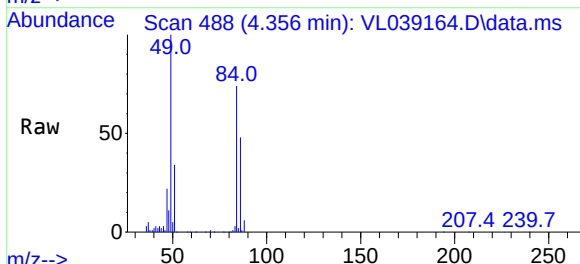
Manual Integrations
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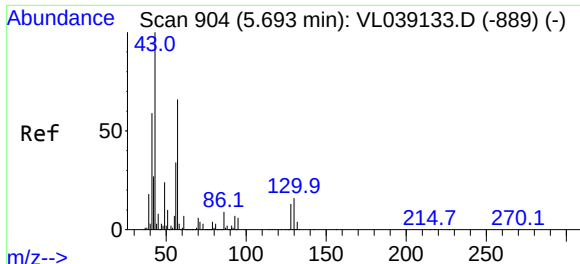
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#20
Methylene Chloride
Concen: 2.974 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

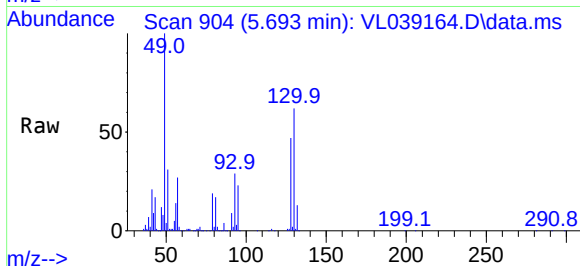
Tgt Ion: 84 Resp: 142139
Ion Ratio Lower Upper
84 100
49 134.4 111.1 166.7
51 46.5 35.3 52.9
86 64.6 51.9 77.9





#26
Hexane
Concen: 1.045 ppbv
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

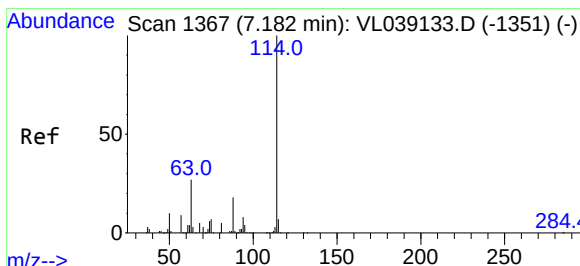
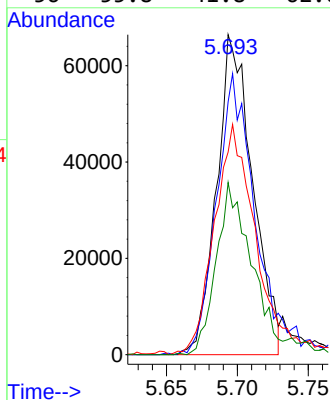
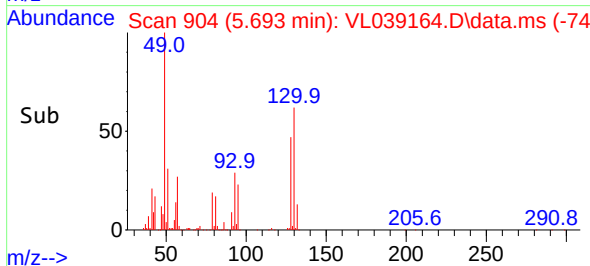
Instrument :
MSVOA_L
ClientSampleId :
IA4DL



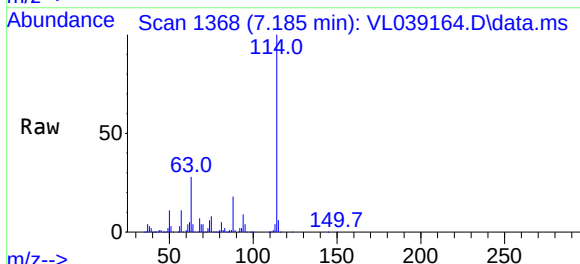
Tgt Ion: 57 Resp: 117404
Ion Ratio Lower Upper
57 100
41 98.8 72.4 108.6
43 86.6 187.0 280.6
56 55.8 41.8 62.6

Manual Integrations
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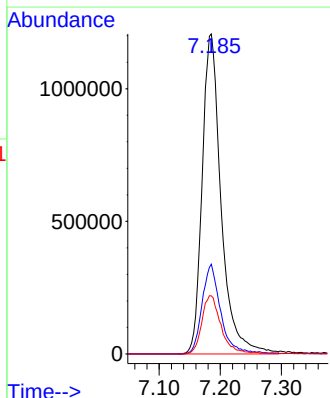
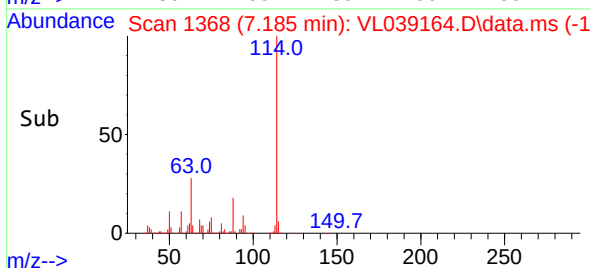
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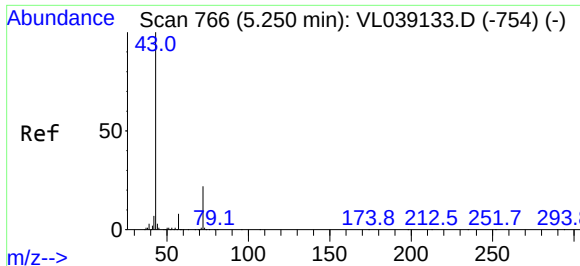


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



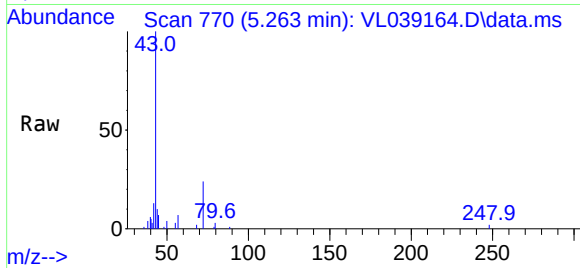
Tgt Ion:114 Resp: 2602304
Ion Ratio Lower Upper
114 100
63 27.7 21.7 32.5
88 18.6 14.8 22.2





#34
2-Butanone
Concen: 0.186 ppbv m
RT: 5.263 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

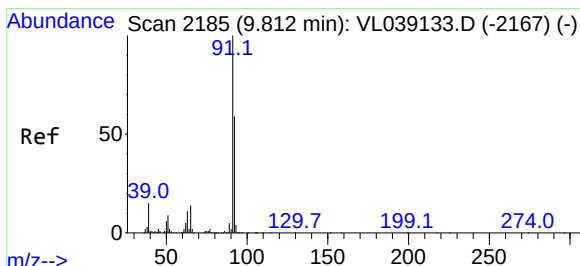
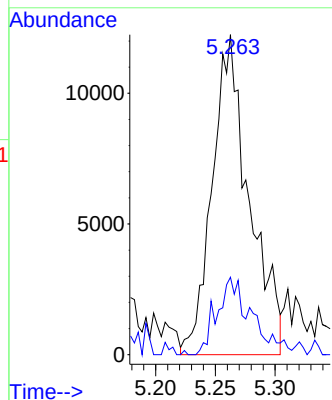
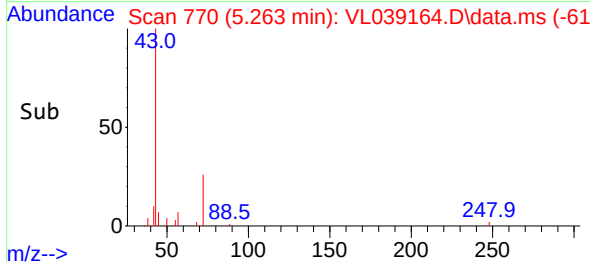
Instrument :
MSVOA_L
ClientSampleId :
IA4DL



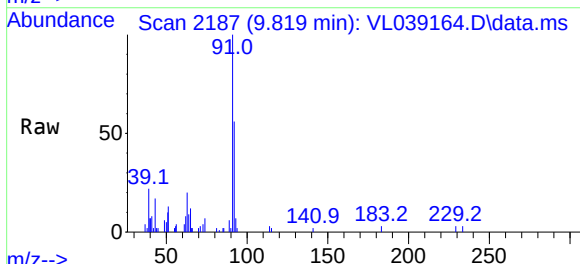
Tgt Ion: 43 Resp: 26310
Ion Ratio Lower Upper
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72 24.6 18.2 27.2

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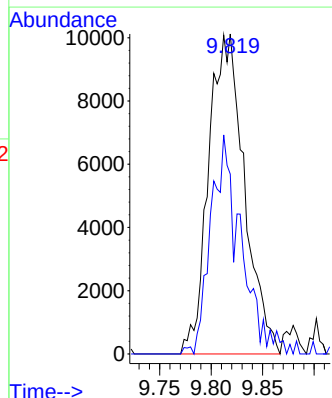
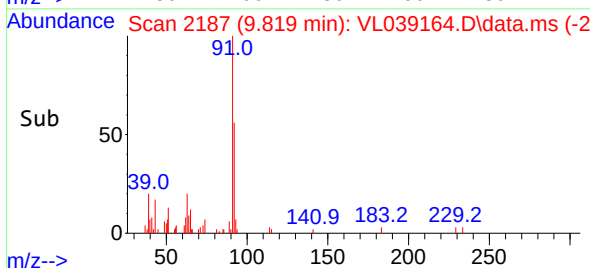
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

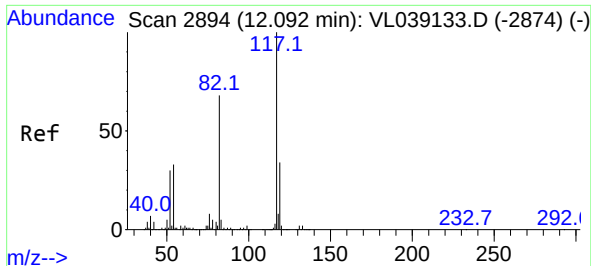


#53
Toluene
Concen: 0.100 ppbv m
RT: 9.819 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



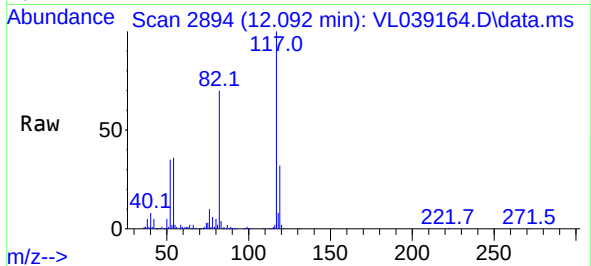
Tgt Ion: 91 Resp: 24416
Ion Ratio Lower Upper
91 100
92 58.3 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32

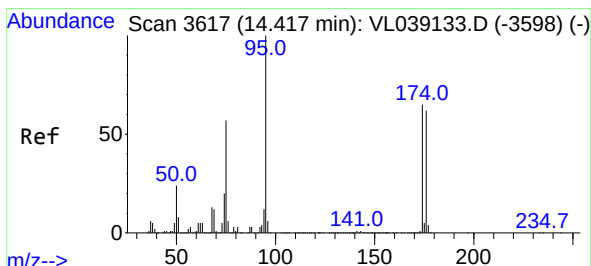
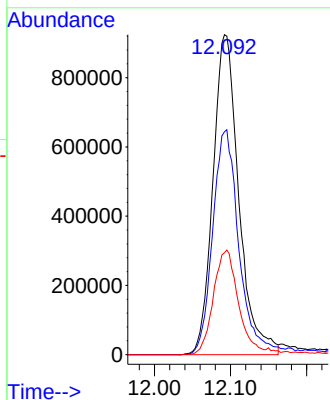
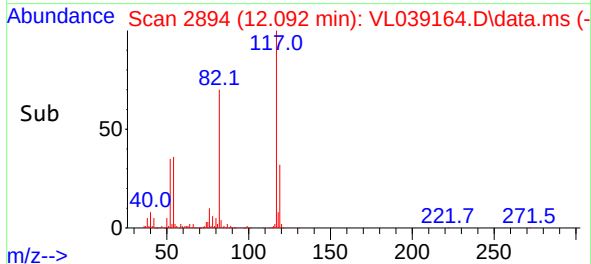
Instrument :
MSVOA_L
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IA4DL



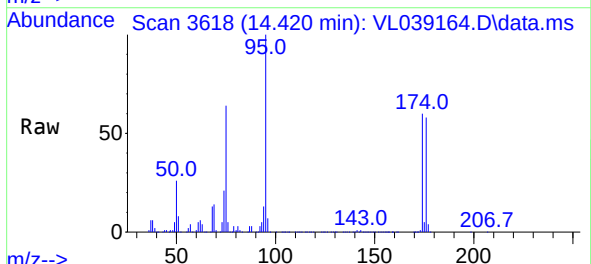
Tgt Ion: 117 Resp: 2183760
Ion Ratio Lower Upper
117 100
82 73.4 55.1 82.7
119 33.3 24.7 37.1

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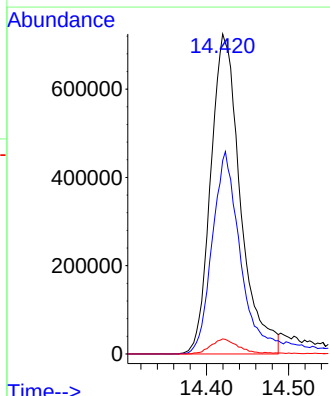
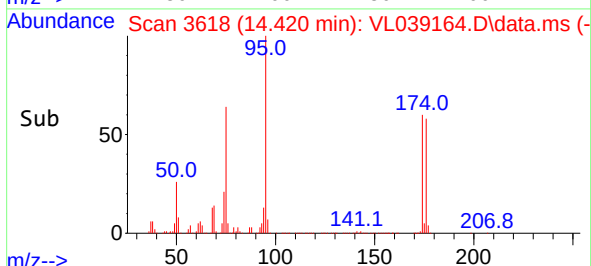
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

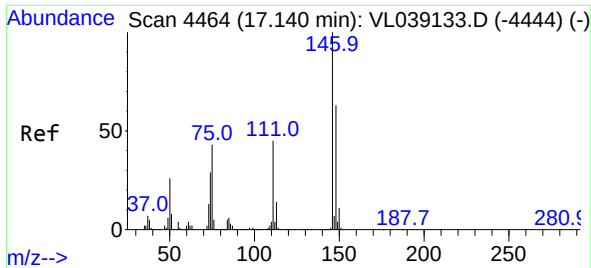


#68
1-Bromo-4-Fluorobenzene
Concen: 10.072 ppbv
RT: 14.420 min Scan# 3618
Delta R.T. 0.003 min
Lab File: VL039164.D
Acq: 3 Jun 2022 22:32



Tgt Ion: 95 Resp: 1818305
Ion Ratio Lower Upper
95 100
174 65.8 53.8 80.8
175 4.6 4.1 6.1





#76

1,4-Dichlorobenzene

Concen: 0.374 ppbv

RT: 17.146 min Scan# 44

Delta R.T. 0.006 min

Lab File: VL039164.D

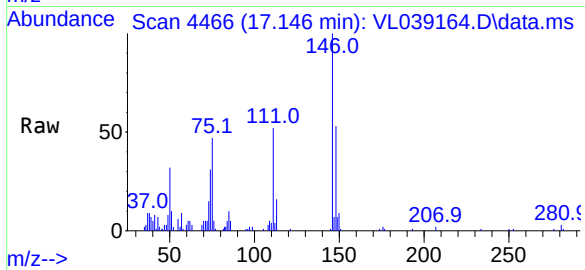
Acq: 3 Jun 2022 22:32

Instrument :

MSVOA_L

ClientSampleId :

IA4DL



Tgt Ion:	146	Resp:	6202
Ion	Ratio	Lower	Upper
146	100		
111	54.8	23.6	71.0
148	73.5	33.7	101.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/06/2022

