

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039171.D
 Acq On : 4 Jun 2022 3:12
 Operator : SY/AP
 Sample : N3106-09 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 03:57:19 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	5.674	49	1306807	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3558901	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3206015	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2459443	9.279	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	38834	0.169	ppbv	96
4) Chloromethane	3.153	50	22906	0.268	ppbv #	87
9) Propene	3.037	41	35670m	0.492	ppbv	
11) Trichlorofluoromethane	3.960	101	21578	0.104	ppbv	94
13) Ethanol	3.613	45	126359m	31.958	ppbv	
15) Acetone	3.861	43	387050	2.843	ppbv	91
19) Isopropyl Alcohol	3.983	45	70733m	1.108	ppbv	
20) Methylene Chloride	4.353	84	537185	9.364	ppbv	98
26) Hexane	5.697	57	529570	3.928	ppbv #	39
34) 2-Butanone	5.262	43	76446m	0.395	ppbv	
53) Toluene	9.806	91	66528m	0.200	ppbv	
59) m/p-Xylene	12.973	91	62425m	0.161	ppbv	

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

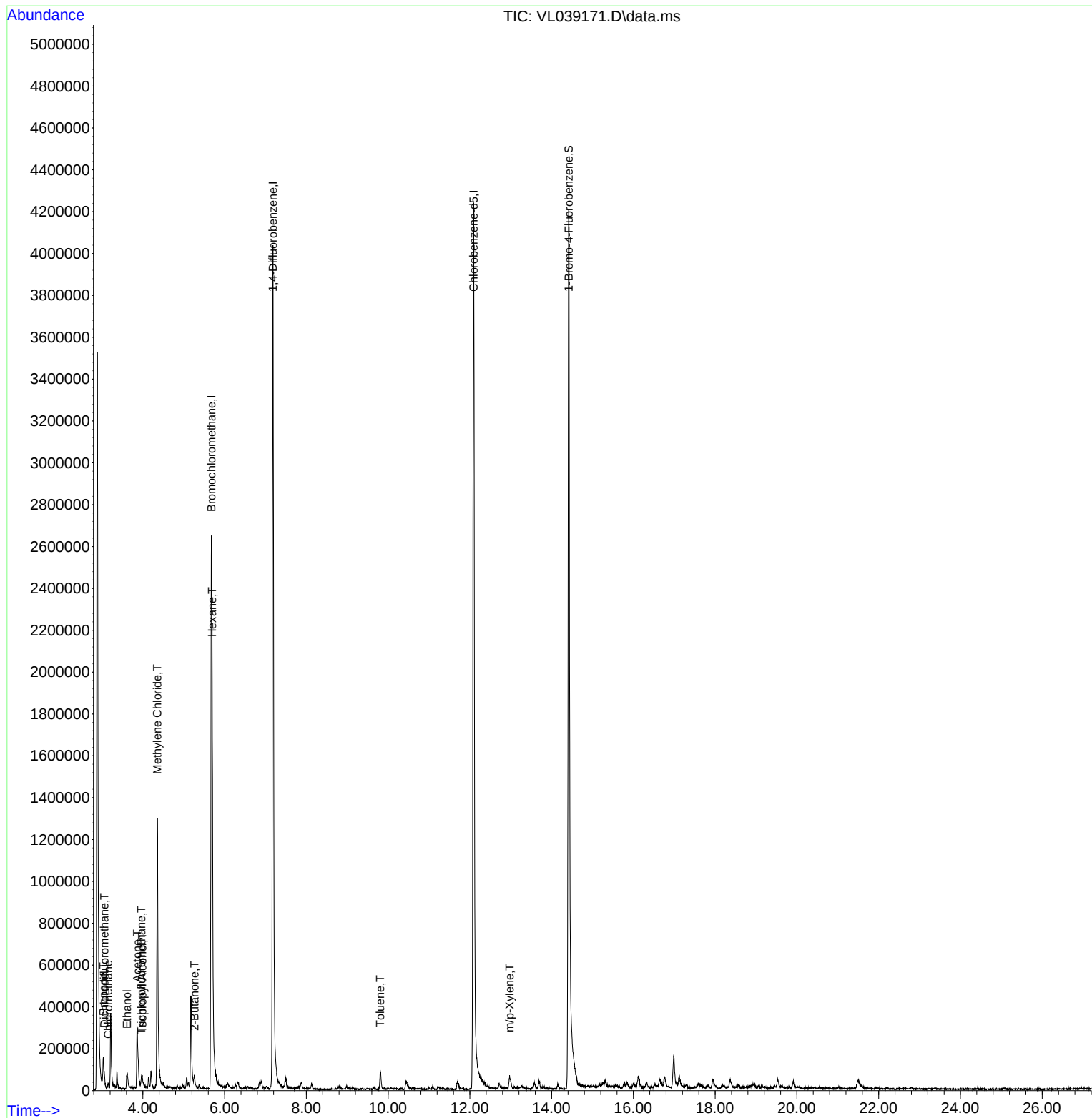
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
Data File : VL039171.D
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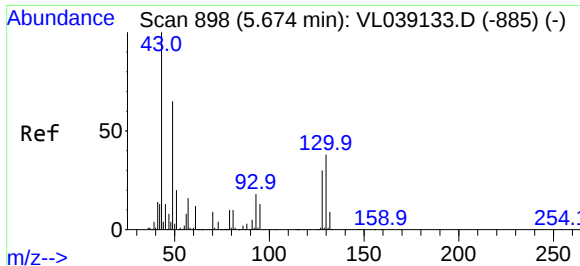
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

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Supervised By :Mahesh Dadoda 06/06/2022

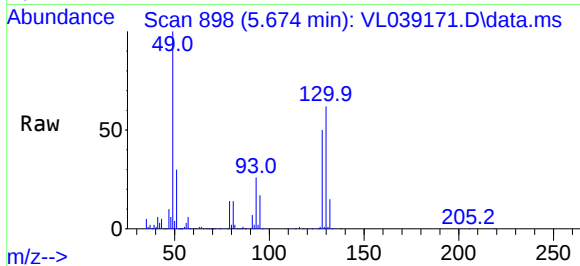
Quant Time: Jun 04 03:57:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

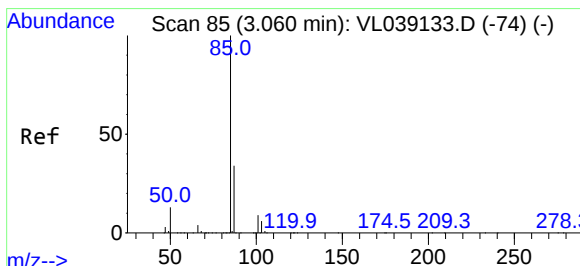
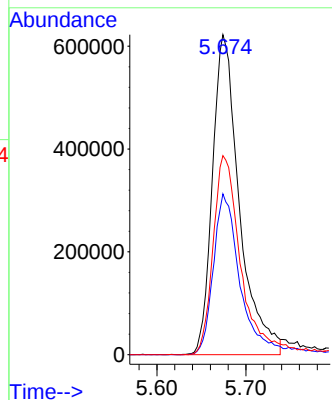
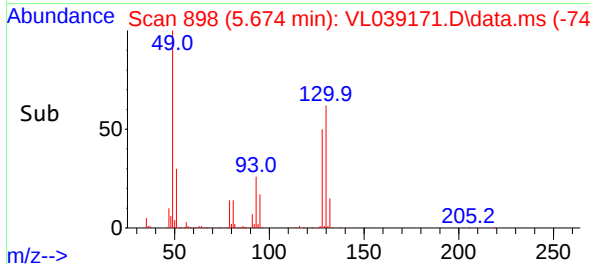
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



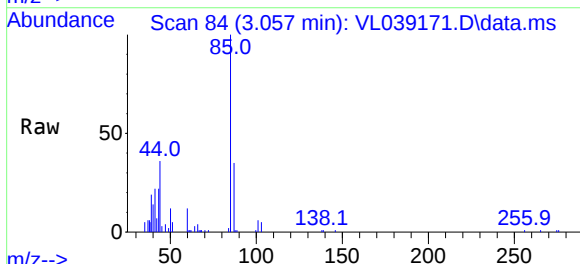
Tgt Ion: 49 Resp: 130680
Ion Ratio Lower Upper
49 100
128 52.2 24.7 74.1
130 66.5 31.4 94.0

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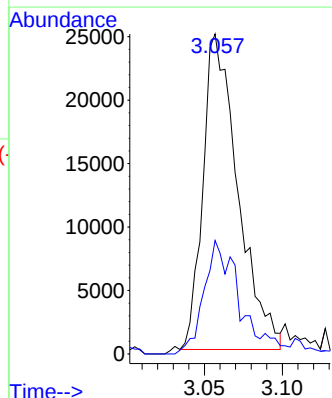
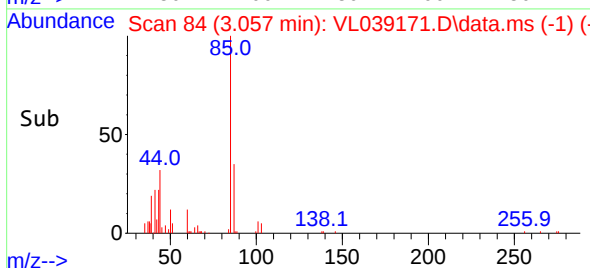
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

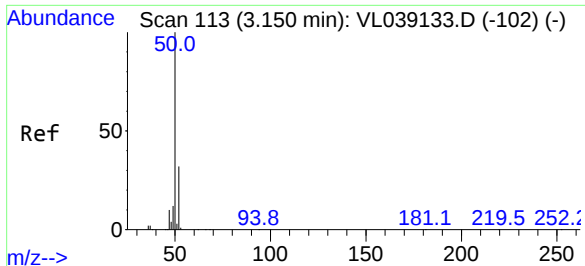


#2
Dichlorodifluoromethane
Concen: 0.169 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12



Tgt Ion: 85 Resp: 38834
Ion Ratio Lower Upper
85 100
87 36.1 26.9 40.3





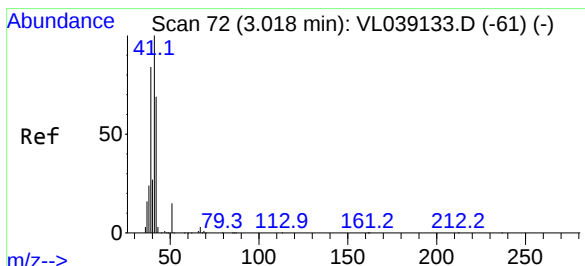
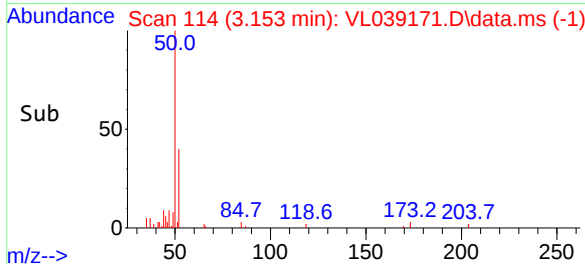
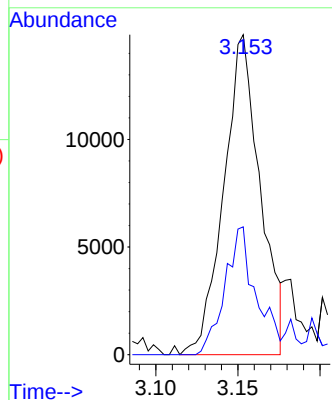
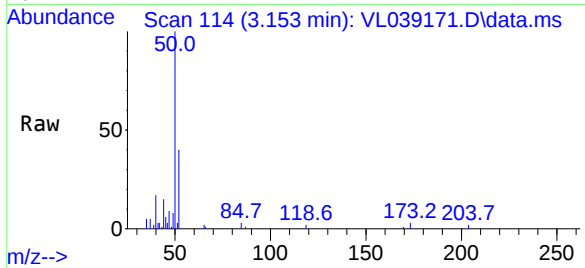
#4
Chloromethane
Concen: 0.268 ppbv
RT: 3.153 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 50 Resp: 22900
Ion Ratio Lower Upper
50 100
52 39.9 25.9 38.9

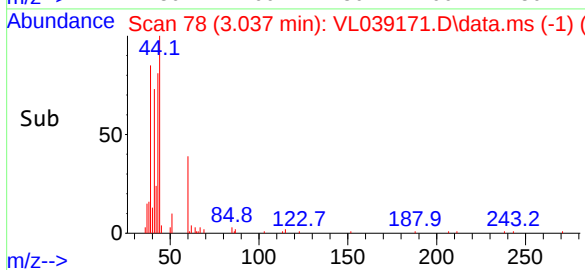
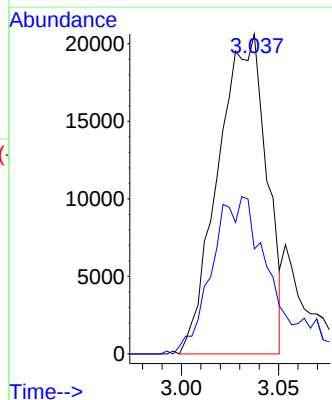
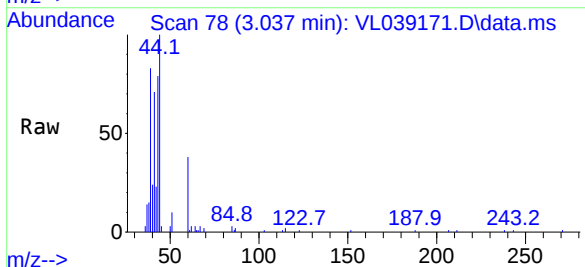
Manual Integrations
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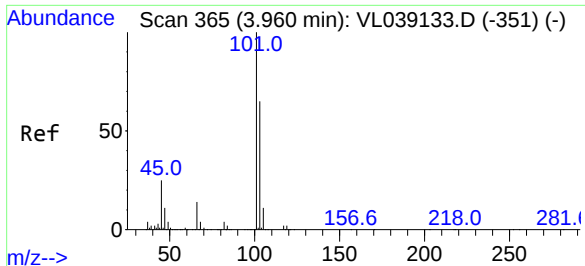
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#9
Propene
Concen: 0.492 ppbv m
RT: 3.037 min Scan# 78
Delta R.T. 0.019 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

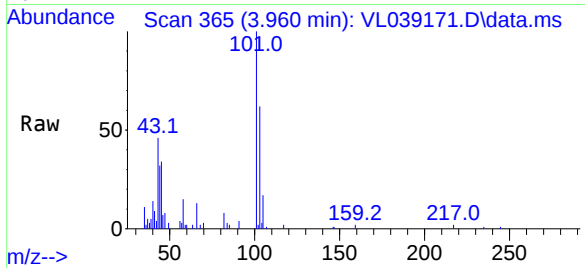
Tgt Ion: 41 Resp: 35670
Ion Ratio Lower Upper
41 100
42 63.9 55.4 83.2





#11
Trichlorofluoromethane
Concen: 0.104 ppbv
RT: 3.960 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

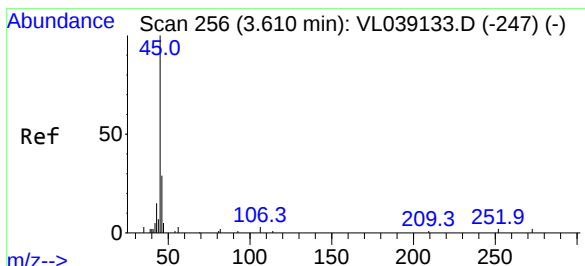
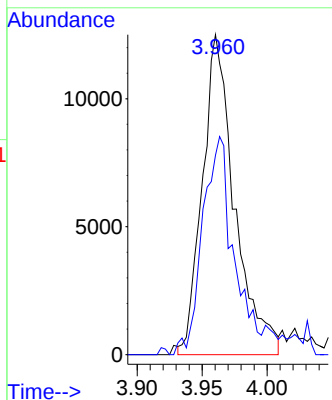
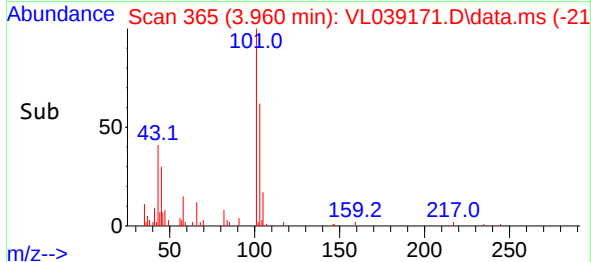
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



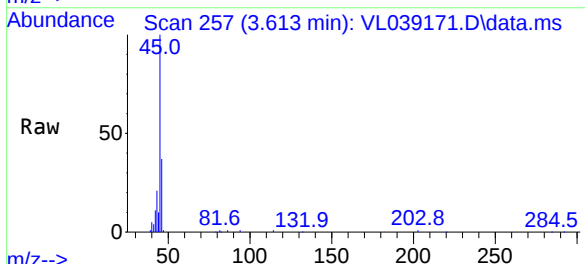
Tgt Ion:101 Resp: 21578
Ion Ratio Lower Upper
101 100
103 60.2 51.7 77.5

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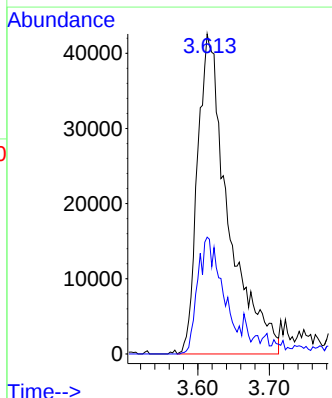
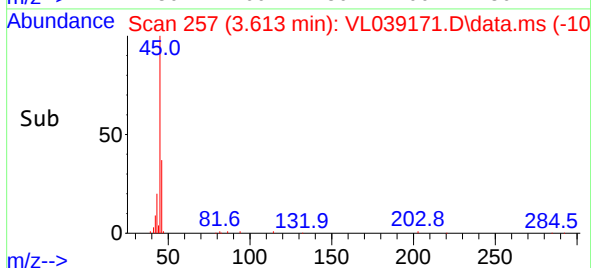
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

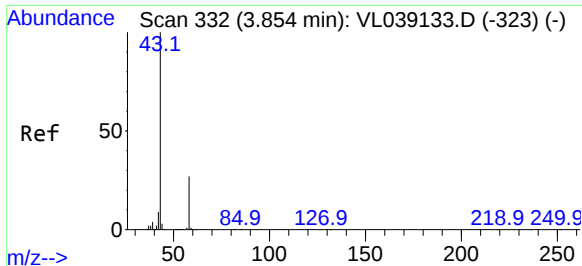


#13
Ethanol
Concen: 31.958 ppbv m
RT: 3.613 min Scan# 257
Delta R.T. 0.003 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12



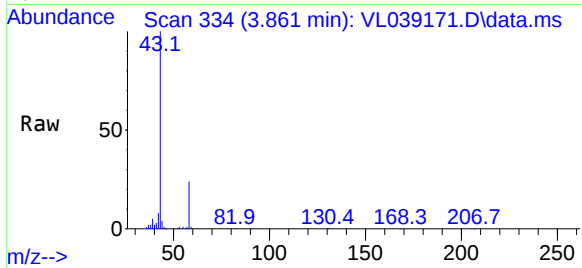
Tgt Ion: 45 Resp: 126359
Ion Ratio Lower Upper
45 100
46 37.6 0.0 0.0#





#15
Acetone
Concen: 2.843 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

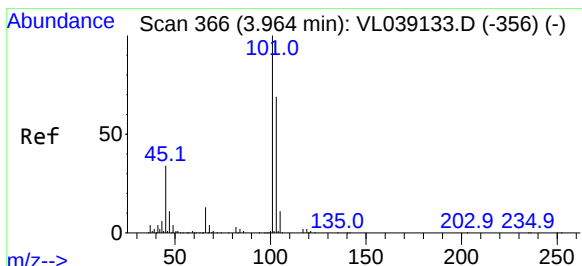
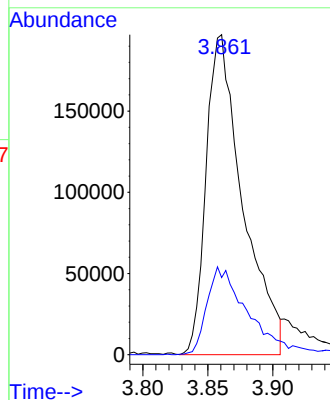
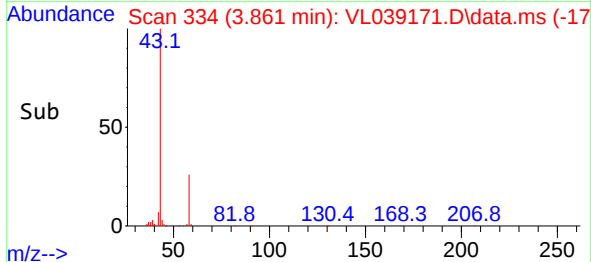
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



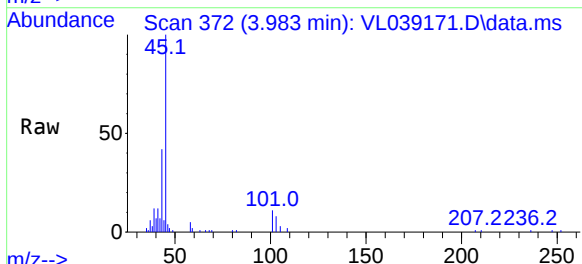
Tgt Ion: 43 Resp: 387050
Ion Ratio Lower Upper
43 100
58 32.6 22.5 33.7

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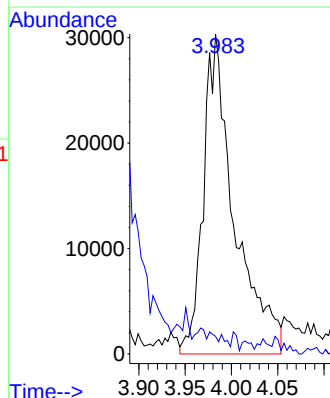
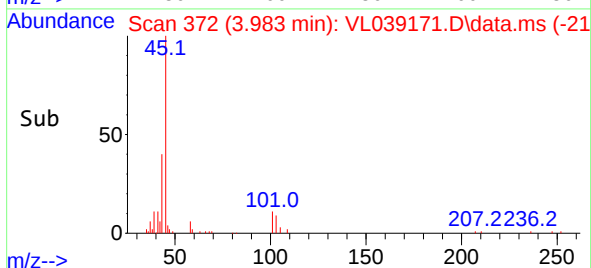
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

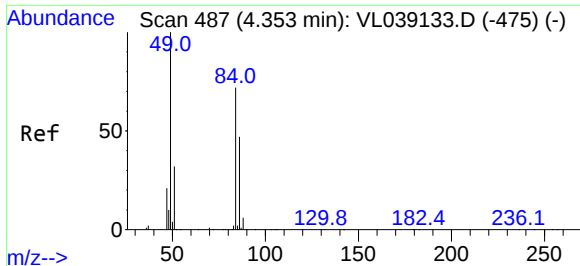


#19
Isopropyl Alcohol
Concen: 1.108 ppbv m
RT: 3.983 min Scan# 372
Delta R.T. 0.019 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12



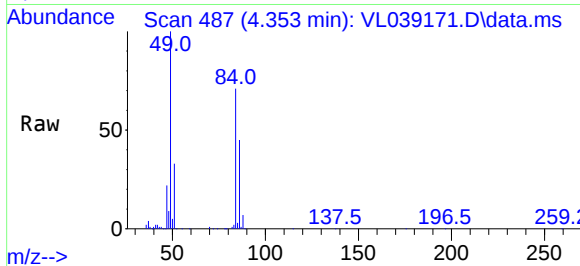
Tgt Ion: 45 Resp: 70733
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8#





#20
Methylene Chloride
Concen: 9.364 ppbv
RT: 4.353 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

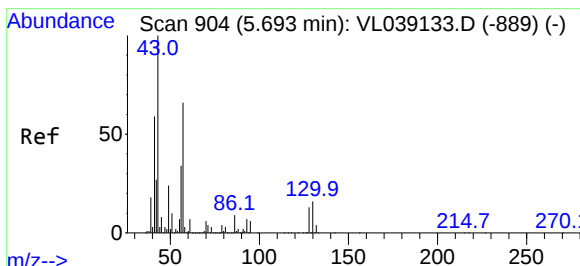
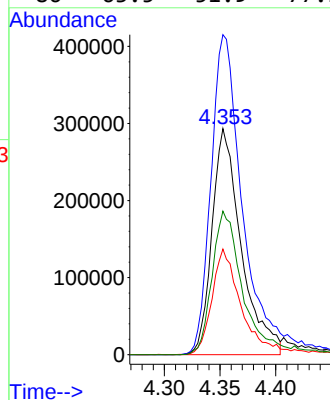
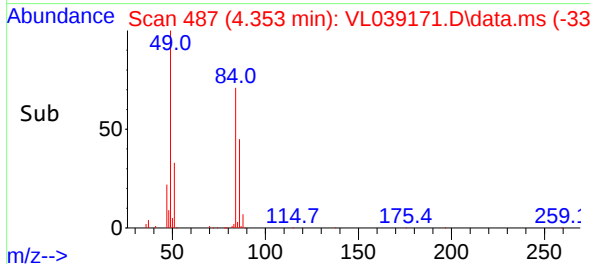
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



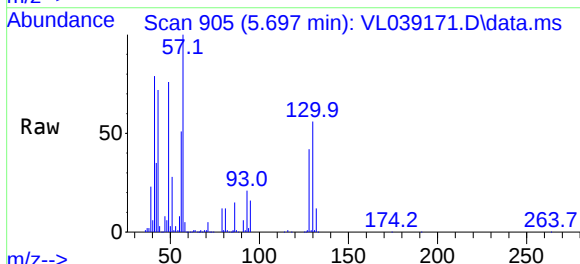
Tgt Ion: 84 Resp: 53718
Ion Ratio Lower Upper
84 100
49 141.6 111.1 166.7
51 46.6 35.3 52.9
86 63.5 51.9 77.9

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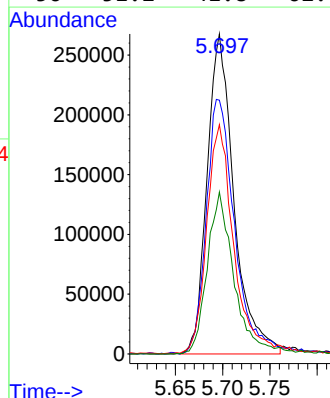
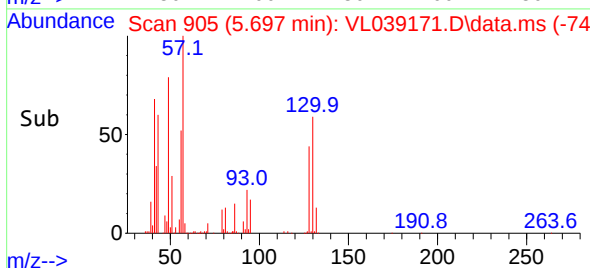
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

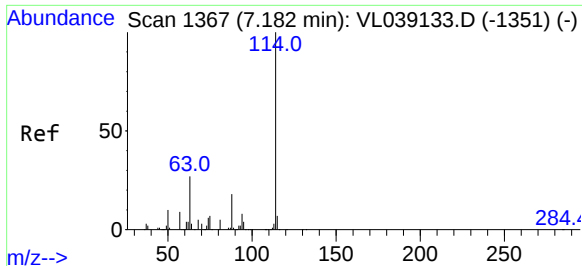


#26
Hexane
Concen: 3.928 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12



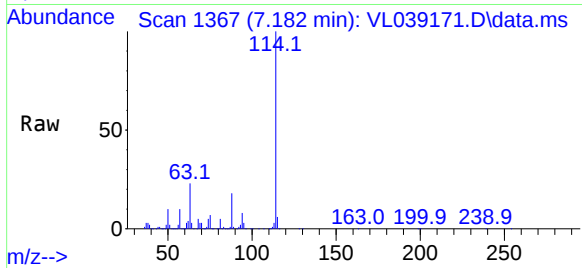
Tgt Ion: 57 Resp: 529570
Ion Ratio Lower Upper
57 100
41 86.6 72.4 108.6
43 73.7 187.0 280.6#
56 51.2 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

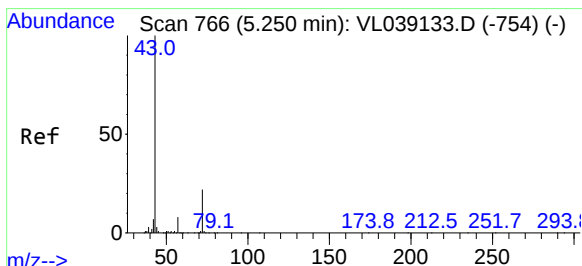
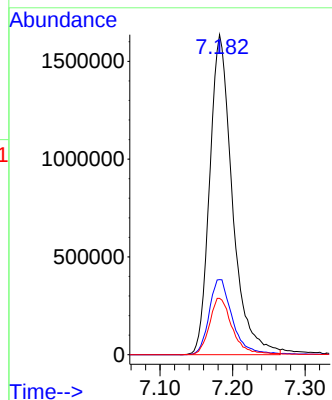
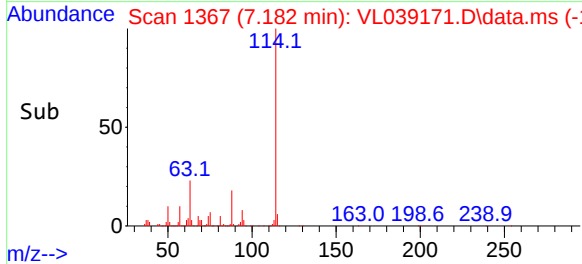
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



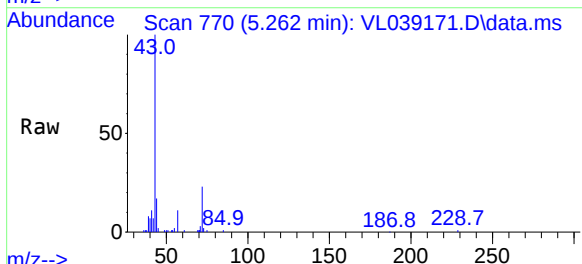
Tgt Ion:114 Resp: 355890
Ion Ratio Lower Upper
114 100
63 24.6 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
APPROVED

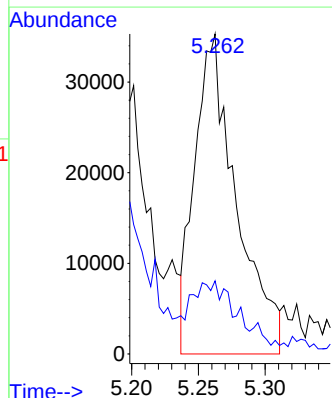
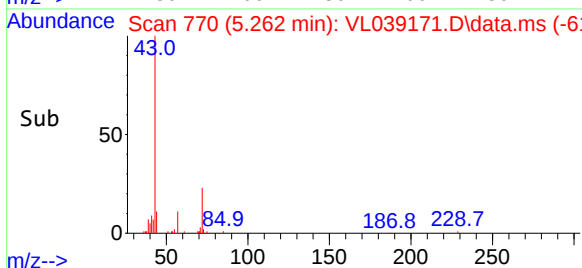
Reviewed By :Semsettin Yesilyurt 06/05/2022
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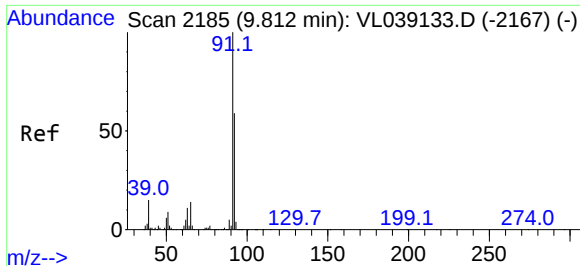


#34
2-Butanone
Concen: 0.395 ppbv m
RT: 5.262 min Scan# 770
Delta R.T. 0.013 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12



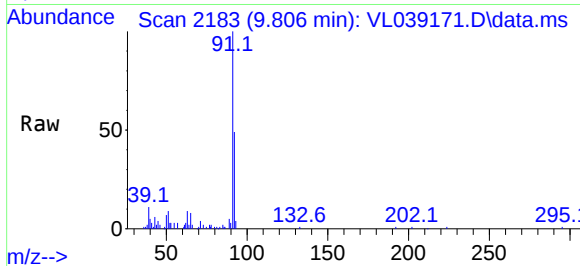
Tgt Ion: 43 Resp: 76446
Ion Ratio Lower Upper
43 100
72 24.7 18.2 27.2





#53
Toluene
Concen: 0.200 ppbv m
RT: 9.806 min Scan# 2185
Delta R.T. -0.007 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

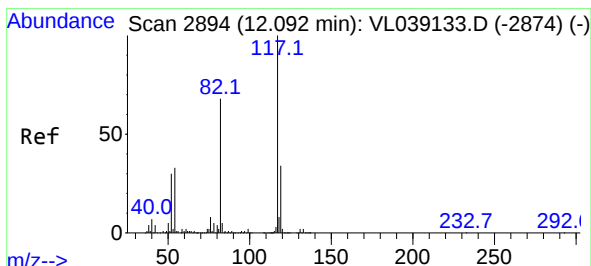
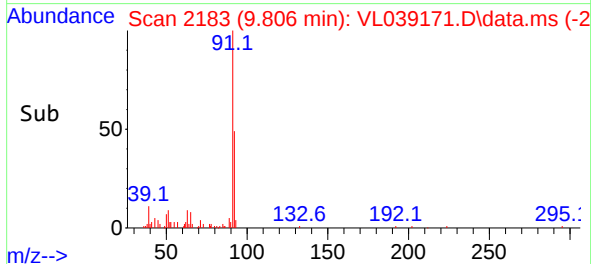
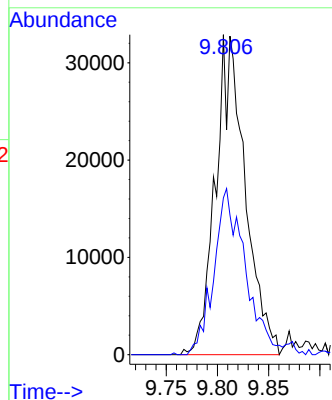
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 91 Resp: 66528
Ion Ratio Lower Upper
91 100
92 56.4 48.1 72.1

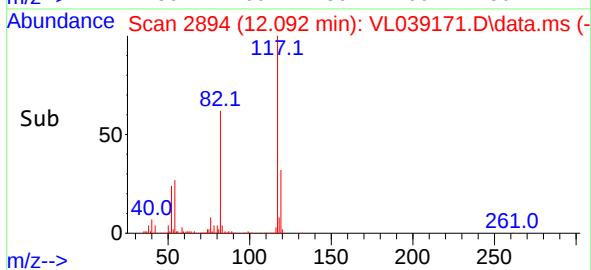
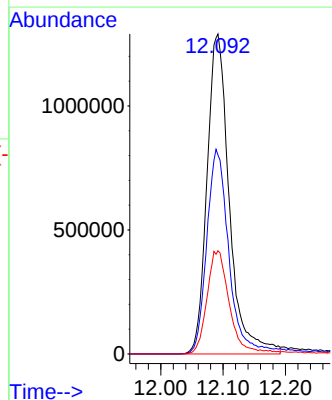
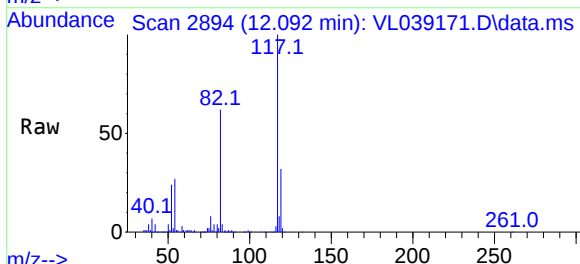
Manual Integrations
APPROVED

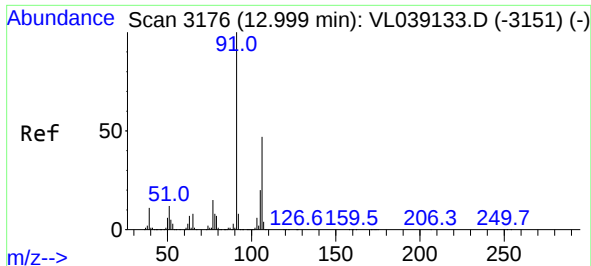
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VL039171.D
Acq: 4 Jun 2022 3:12

Tgt Ion:117 Resp: 3206015
Ion Ratio Lower Upper
117 100
82 66.2 55.1 82.7
119 33.9 24.7 37.1





#59

m/p-Xylene

Concen: 0.161 ppbv

RT: 12.973 min Scan# 3176

Delta R.T. -0.026 min

Lab File: VL039171.D

Acq: 4 Jun 2022 3:12

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

Tgt Ion: 91 Resp: 62425

Ion Ratio Lower Upper

91 100

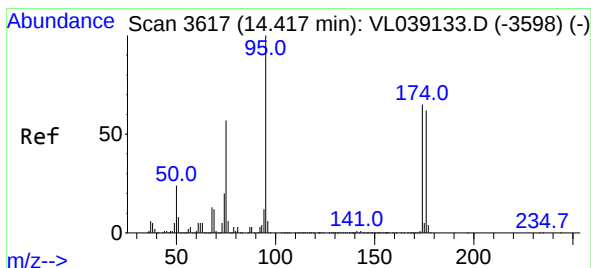
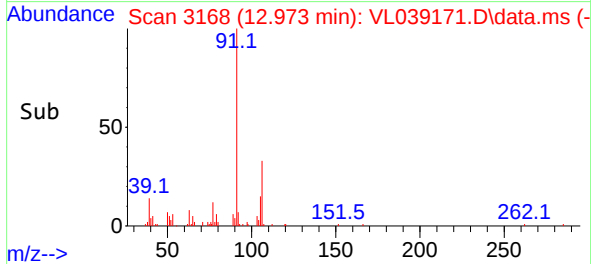
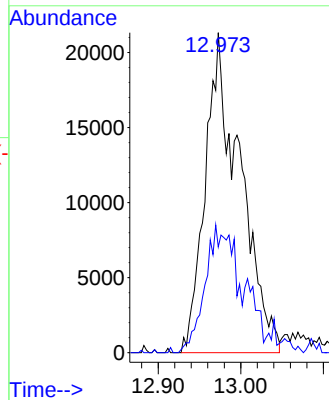
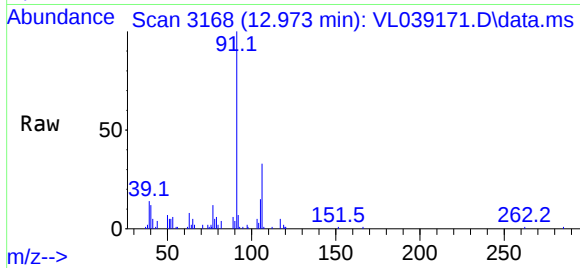
106 0.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022

Supervised By :Mahesh Dadoda 06/06/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.279 ppbv

RT: 14.416 min Scan# 3617

Delta R.T. -0.000 min

Lab File: VL039171.D

Acq: 4 Jun 2022 3:12

Tgt Ion: 95 Resp: 2459443

Ion Ratio Lower Upper

95 100

174 69.9 53.8 80.8

175 5.0 4.1 6.1

