

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039311.D
 Acq On : 16 Jun 2022 1:22
 Operator : SY/AP
 Sample : N3338-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:39:25 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 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	5.655	49	1248482	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.159	114	3490163	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.063	117	3119796	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2307778	8.948	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.500%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.980	51	27245m	0.172	ppbv	
4) Chloromethane	3.137	50	16333m	0.200	ppbv	
9) Propene	3.005	41	22545m	0.325	ppbv	
13) Ethanol	3.584	45	2981843	789.371	ppbv #	100
15) Acetone	3.838	43	391531	3.011	ppbv	93
19) Isopropyl Alcohol	3.951	45	995201	16.315	ppbv	100
20) Methylene Chloride	4.336	84	224242	4.092	ppbv	88
26) Hexane	5.674	57	190949	1.482	ppbv #	42
29) Chloroform	5.742	83	129723	0.598	ppbv	93
53) Toluene	9.783	91	50979m	0.156	ppbv	

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

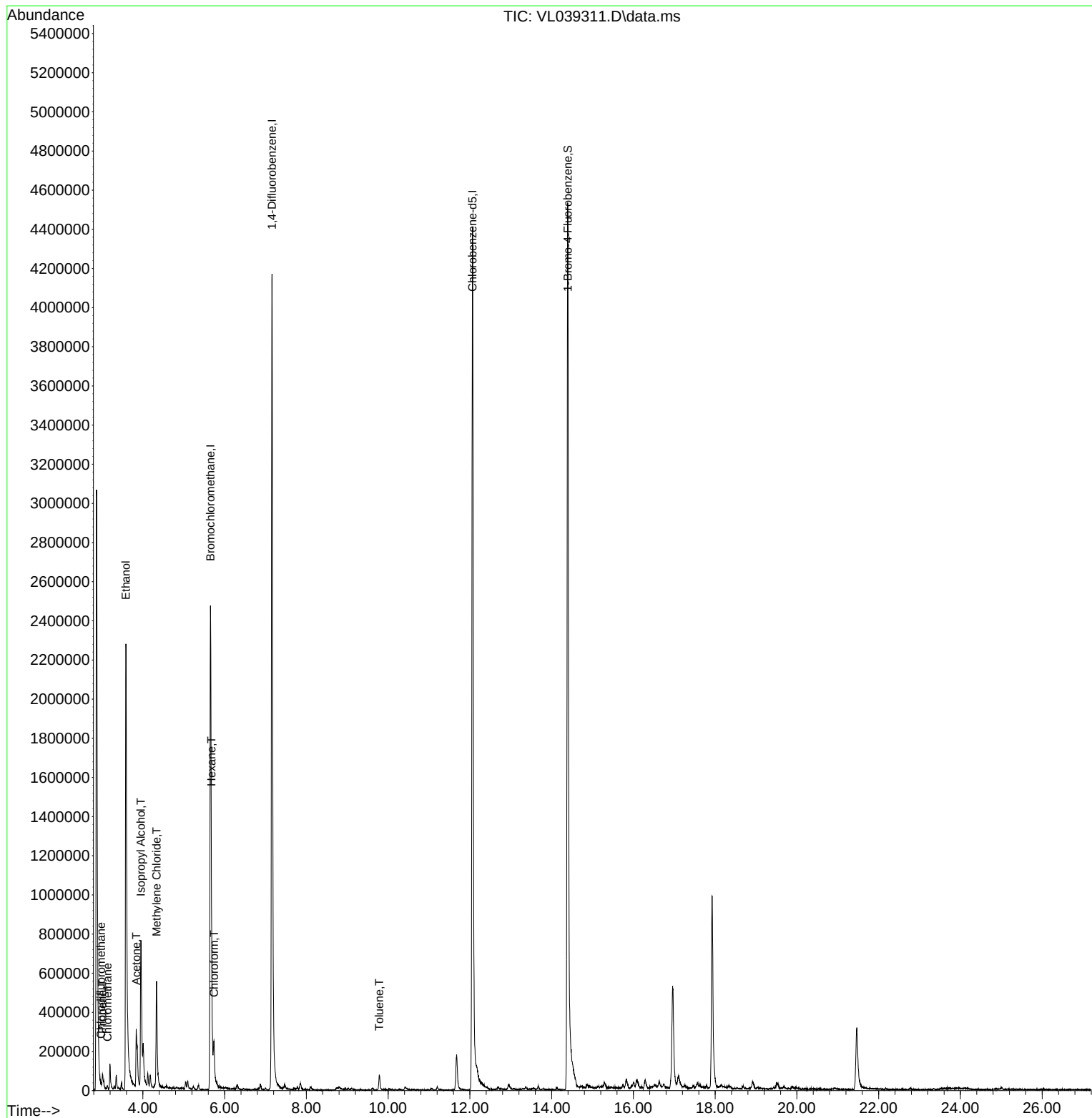
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
Data File : VL039311.D
Acq On : 16 Jun 2022 1:22
Operator : SY/AP
Sample : N3338-02 4X
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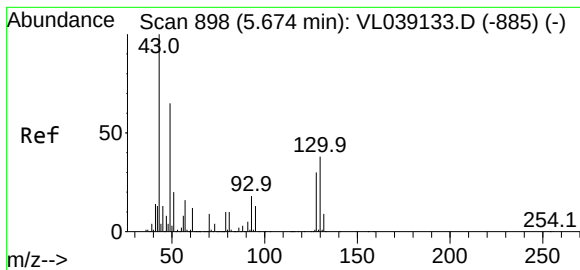
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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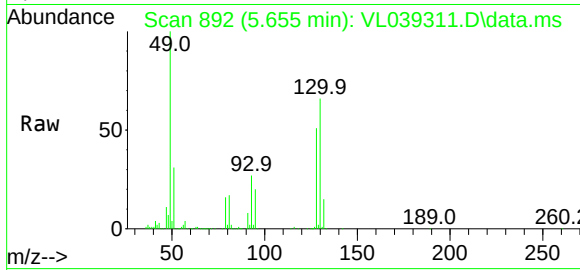
Quant Time: Jun 16 04:39:25 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

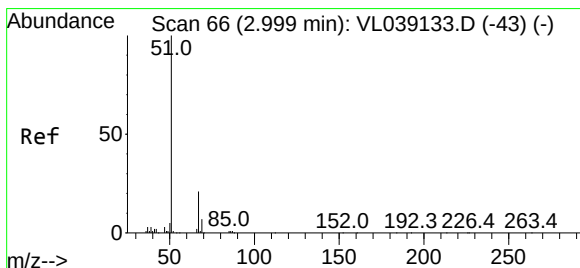
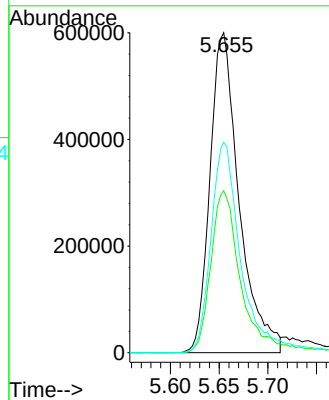
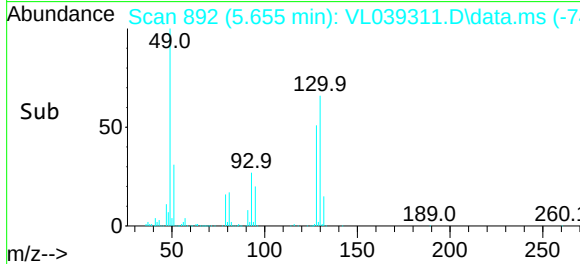
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 124848
Ion Ratio Lower Upper
49 100
128 54.2 24.7 74.1
130 69.5 31.4 94.0

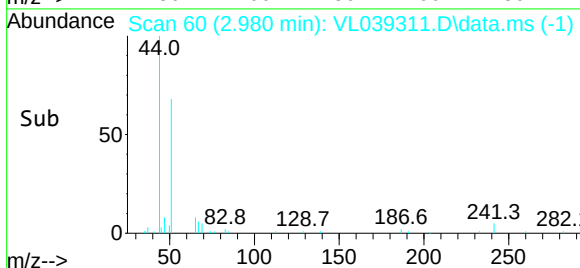
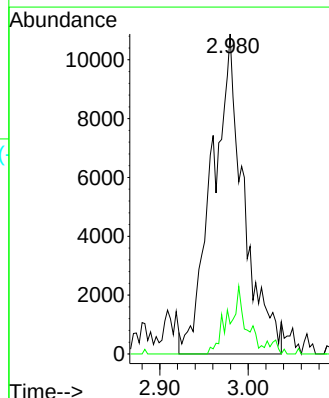
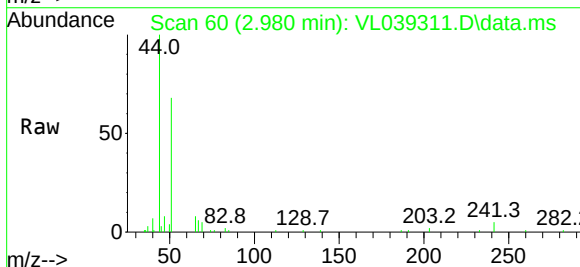
Manual Integrations
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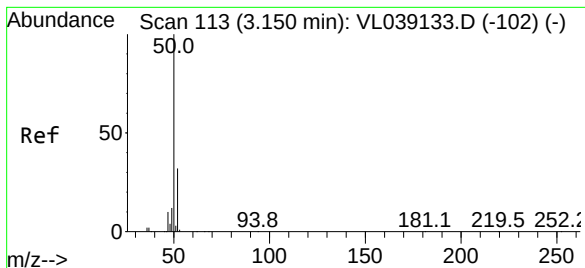
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#3
Chlorodifluoromethane
Concen: 0.172 ppbv m
RT: 2.980 min Scan# 60
Delta R.T. -0.019 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

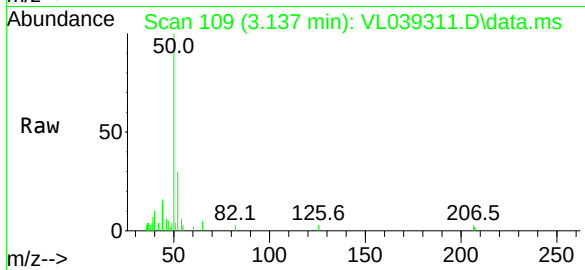
Tgt Ion: 51 Resp: 27245
Ion Ratio Lower Upper
51 100
67 0.8 16.2 24.4#





#4
Chloromethane
Concen: 0.200 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

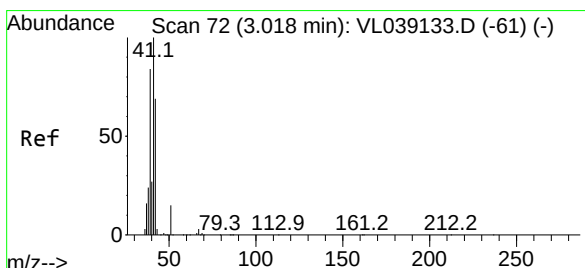
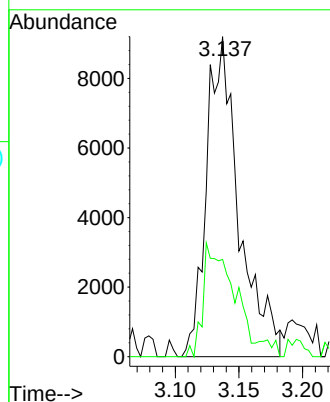
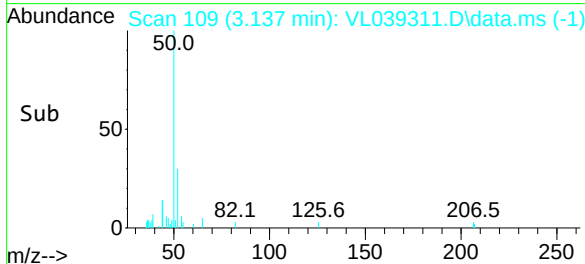
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



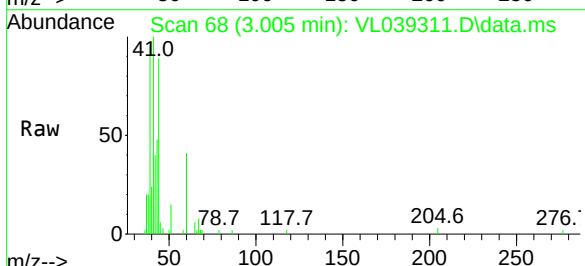
Tgt Ion: 50 Resp: 1633
Ion Ratio Lower Upper
50 100
52 30.4 25.9 38.9

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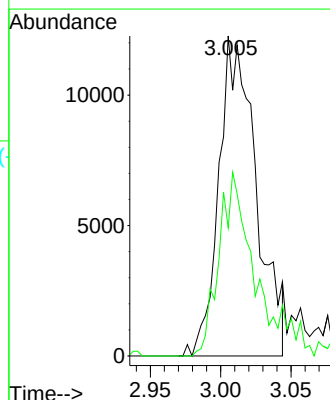
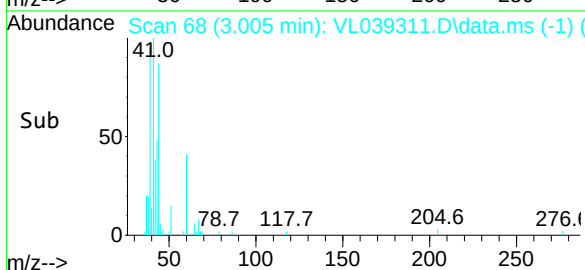
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

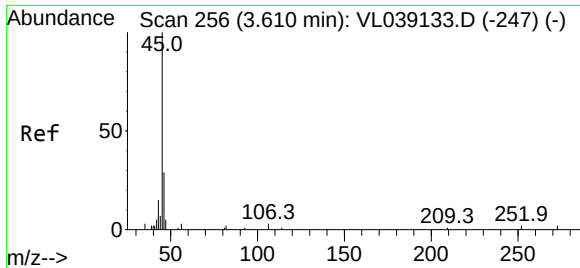


#9
Propene
Concen: 0.325 ppbv m
RT: 3.005 min Scan# 68
Delta R.T. -0.013 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22



Tgt Ion: 41 Resp: 22545
Ion Ratio Lower Upper
41 100
42 59.3 55.4 83.2





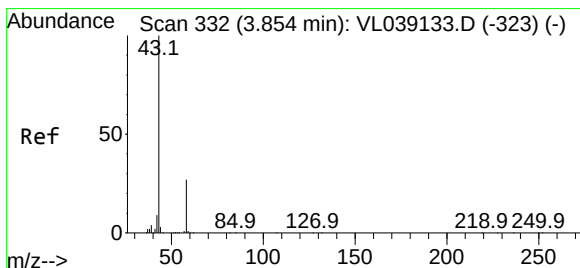
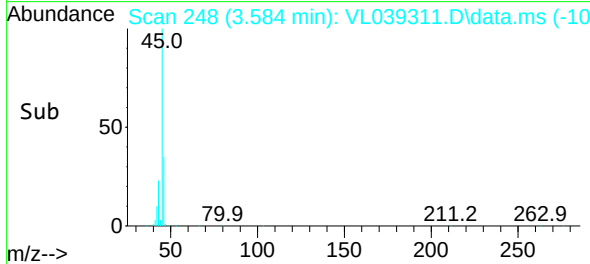
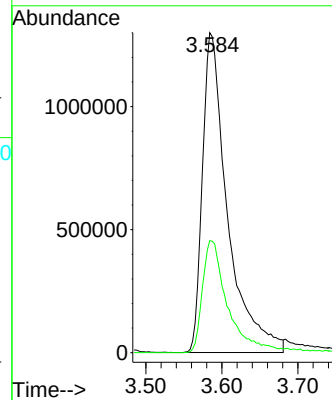
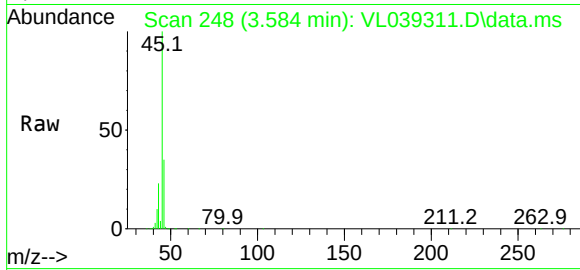
#13
Ethanol
Concen: 789.371 ppbv
RT: 3.584 min Scan# 248
Delta R.T. -0.026 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 298184
Ion Ratio Lower Upper
45 100
46 35.9 0.0 0.0

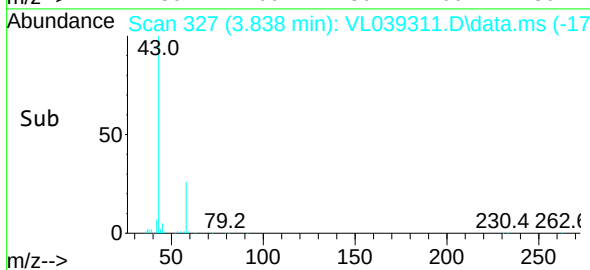
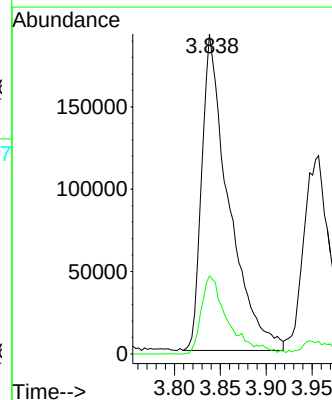
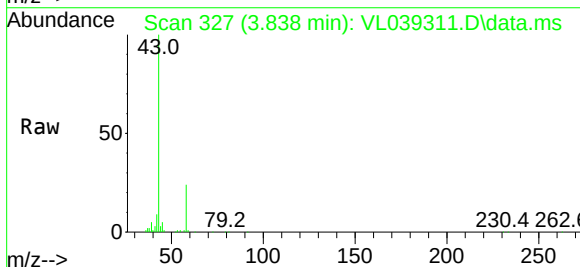
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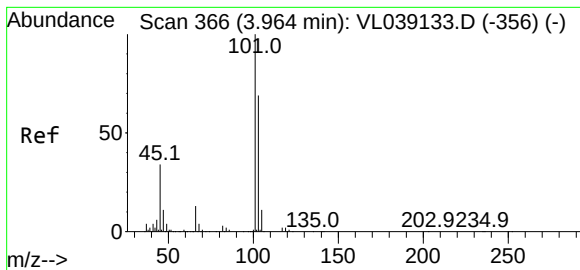
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#15
Acetone
Concen: 3.011 ppbv
RT: 3.838 min Scan# 327
Delta R.T. -0.016 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

Tgt Ion: 43 Resp: 391531
Ion Ratio Lower Upper
43 100
58 24.4 22.5 33.7





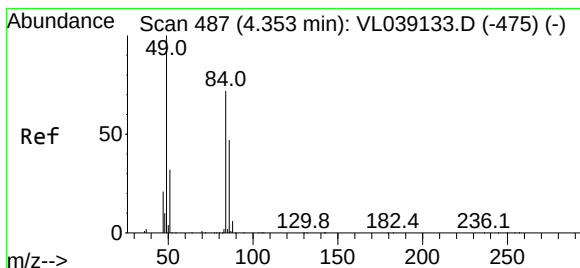
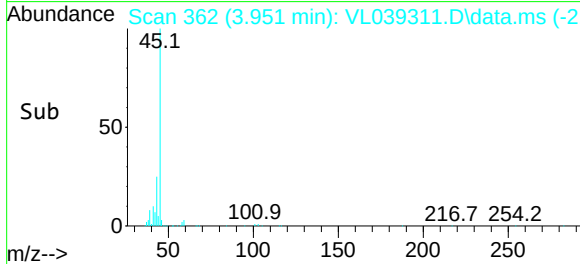
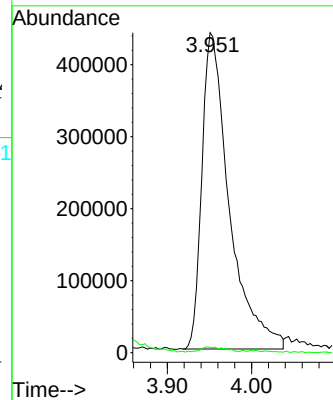
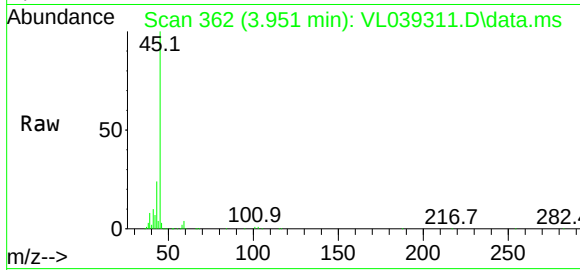
#19
Isopropyl Alcohol
Concen: 16.315 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 99520
Ion Ratio Lower Upper
45 100
58 2.3 1.8 2.8

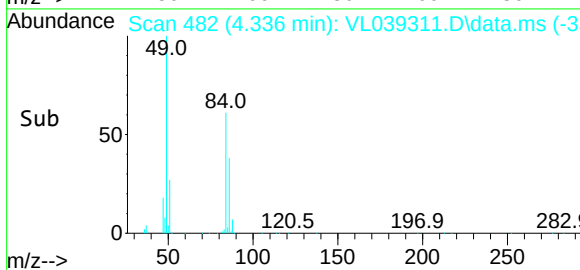
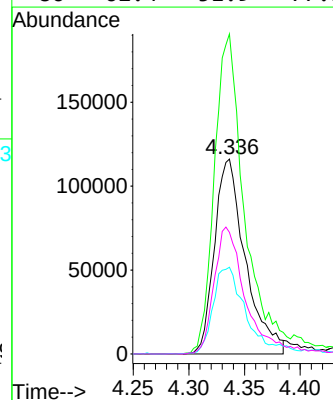
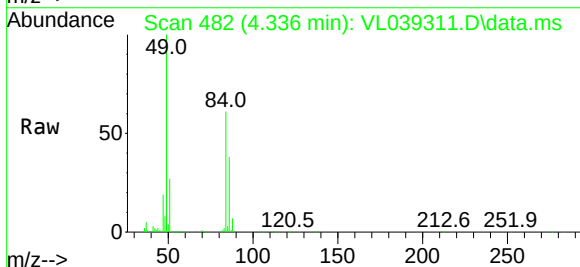
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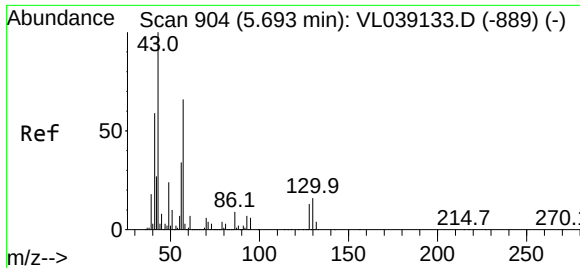
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#20
Methylene Chloride
Concen: 4.092 ppbv
RT: 4.336 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

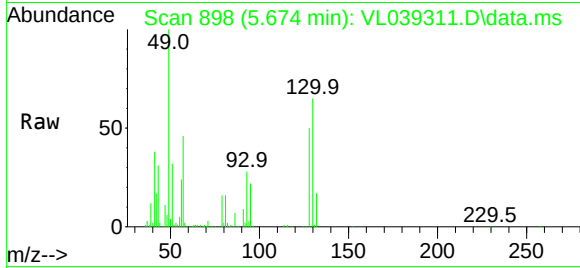
Tgt Ion: 84 Resp: 224242
Ion Ratio Lower Upper
84 100
49 163.8 111.1 166.7
51 44.3 35.3 52.9
86 62.4 51.9 77.9





#26
Hexane
Concen: 1.482 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.019 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

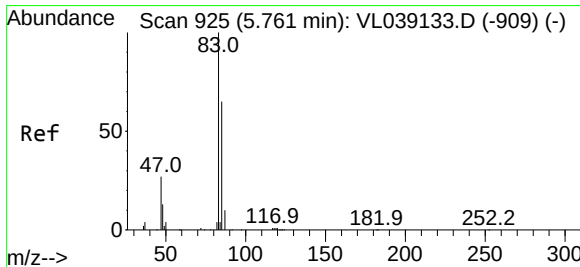
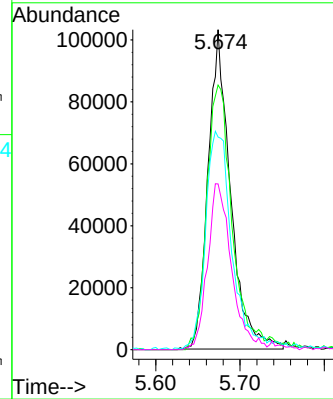
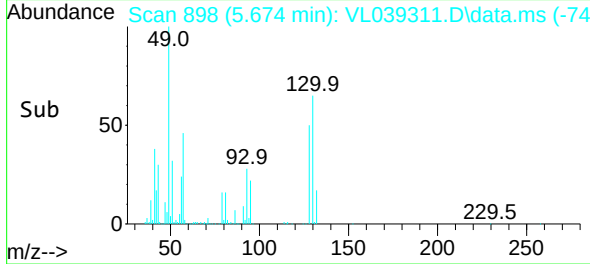
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 57 Resp: 190949
Ion Ratio Lower Upper
57 100
41 96.2 72.4 108.6
43 82.9 187.0 280.6
56 56.8 41.8 62.6

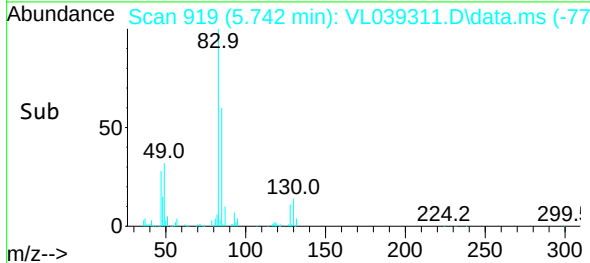
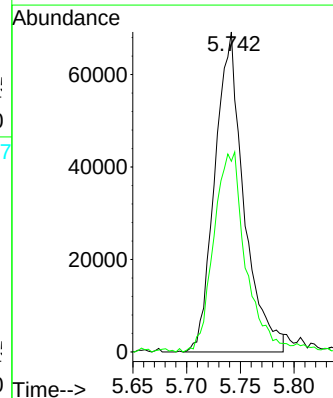
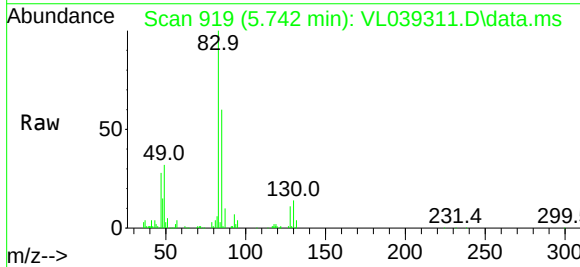
Manual Integrations
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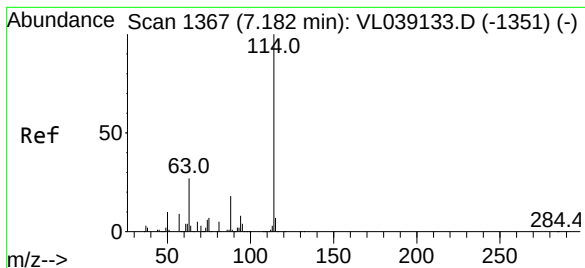
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#29
Chloroform
Concen: 0.598 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.019 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

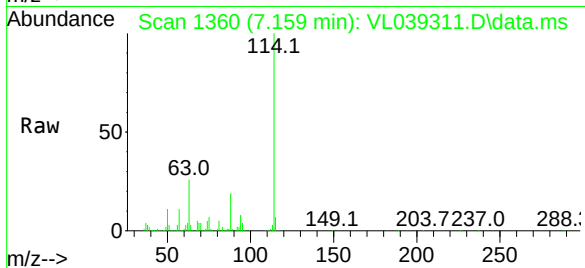
Tgt Ion: 83 Resp: 129723
Ion Ratio Lower Upper
83 100
85 59.6 52.4 78.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.159 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

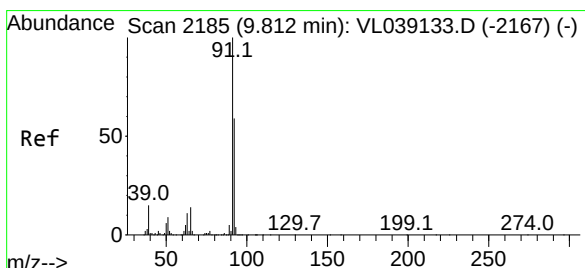
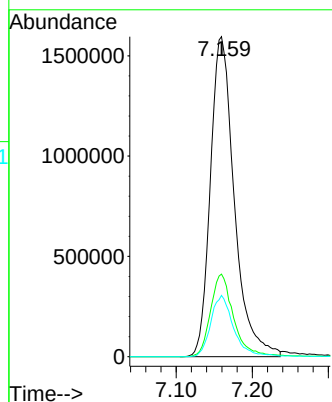
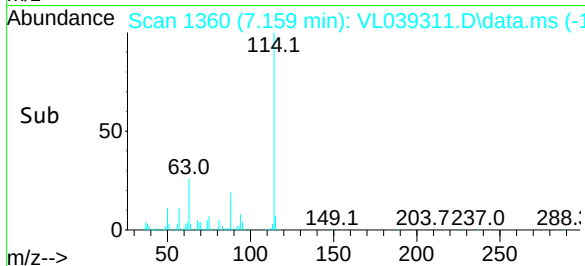
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:114 Resp: 349016
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.5 14.8 22.2

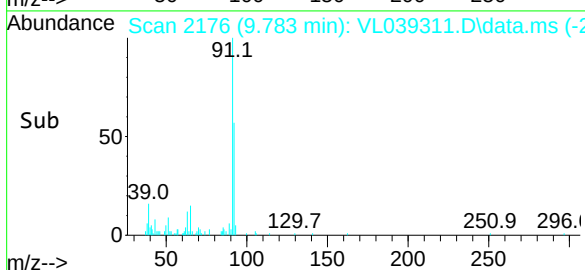
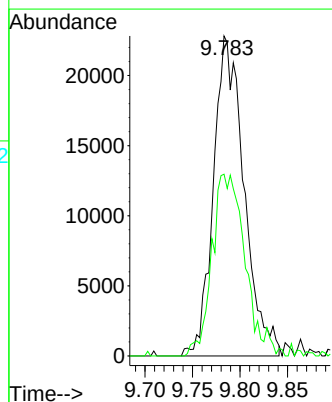
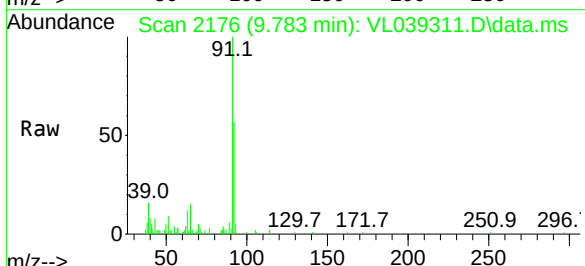
Manual Integrations
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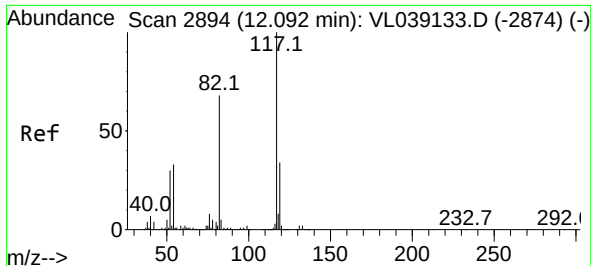
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#53
Toluene
Concen: 0.156 ppbv m
RT: 9.783 min Scan# 2176
Delta R.T. -0.029 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

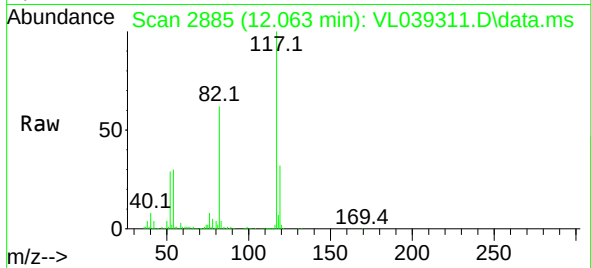
Tgt Ion: 91 Resp: 50979
Ion Ratio Lower Upper
91 100
92 61.6 48.1 72.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2117
Delta R.T. -0.029 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22

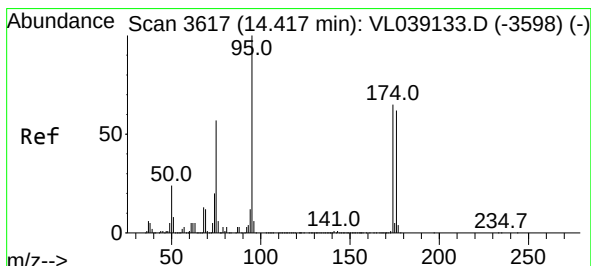
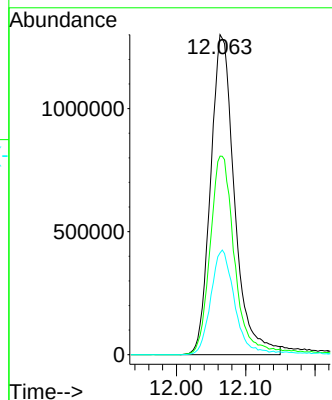
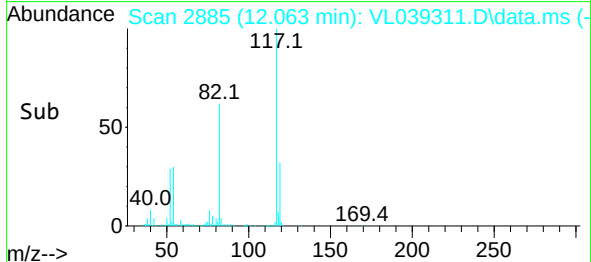
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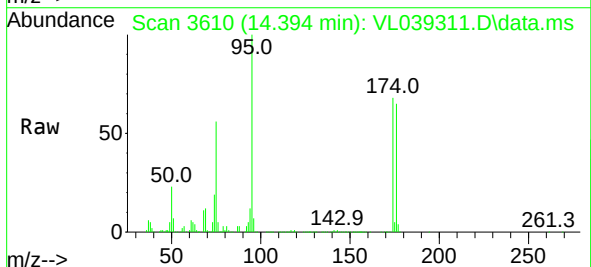
Tgt Ion: 117 Resp: 3119790
Ion Ratio Lower Upper
117 100
82 65.4 55.1 82.7
119 33.6 24.7 37.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 8.948 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. -0.023 min
Lab File: VL039311.D
Acq: 16 Jun 2022 1:22



Tgt Ion: 95 Resp: 2307778
Ion Ratio Lower Upper
95 100
174 73.9 53.8 80.8
175 5.5 4.1 6.1

