

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037995.D
 Acq On : 10 Nov 2021 1:23
 Operator : SY/AP
 Sample : M4555-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U21DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:51:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 9 04:51:18 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1384734	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	4047433	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.086	117	3371195	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2344008	9.565	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
9) Propene	3.028	41	20033m	0.217	ppbv	98
13) Ethanol	3.623	45	122291m	13.116	ppbv	
15) Acetone	3.861	43	131504m	1.149	ppbv	
19) Isopropyl Alcohol	3.996	45	9691m	0.132	ppbv	
20) Methylene Chloride	4.346	84	113200	1.802	ppbv	
26) Hexane	5.690	57	75172m	0.467	ppbv	

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

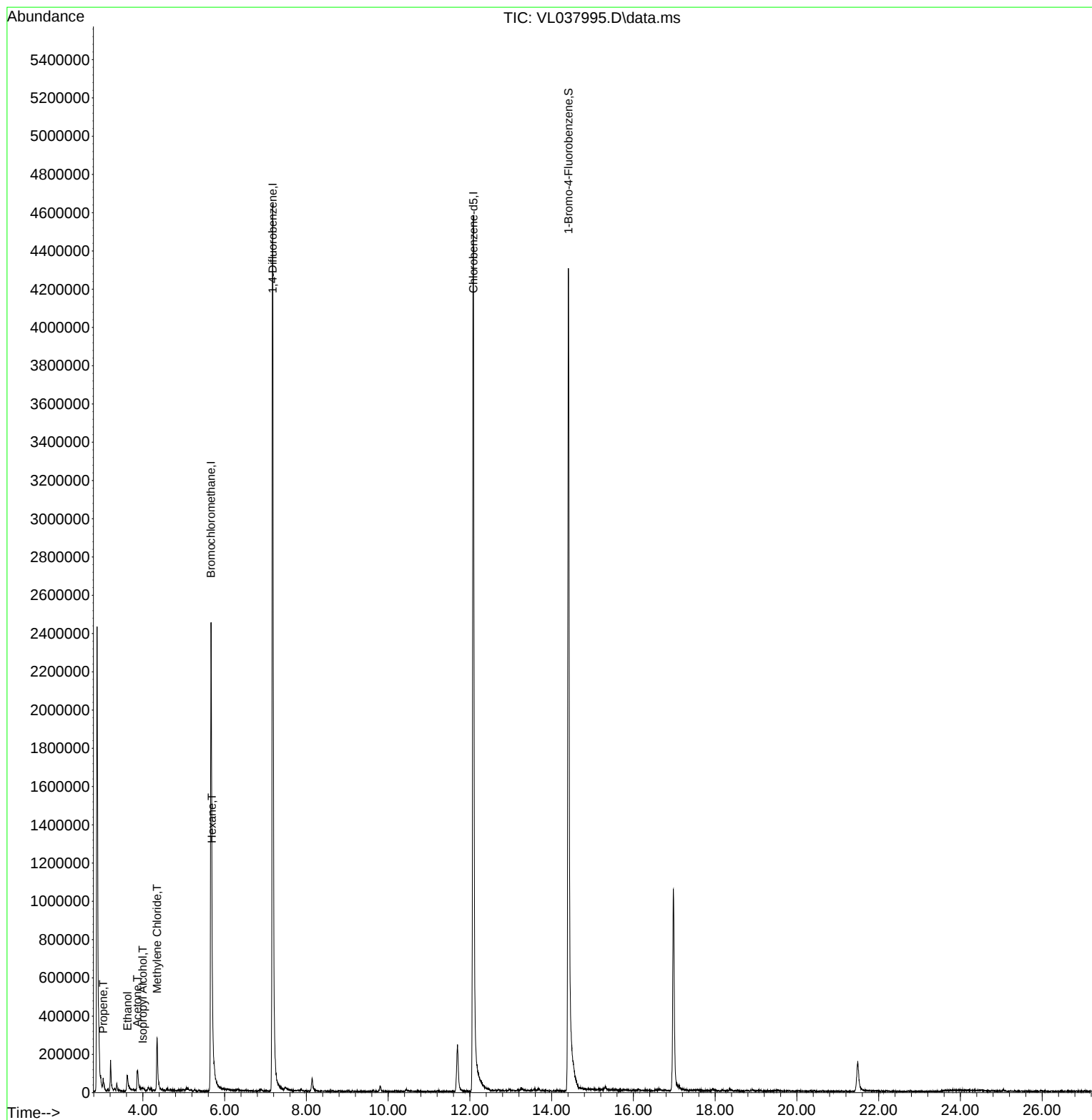
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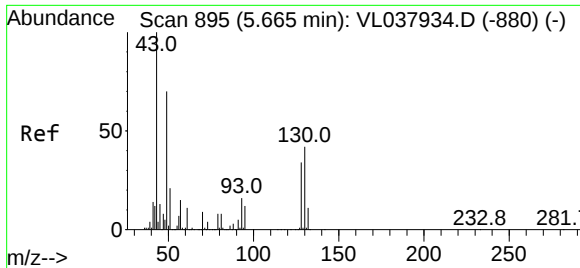
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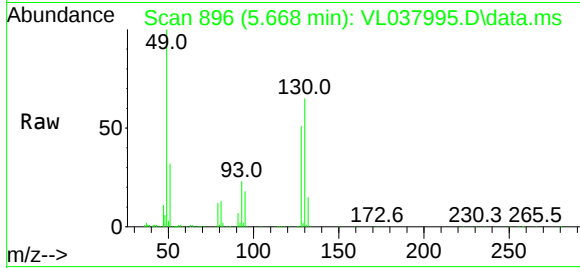
Quant Time: Nov 10 04:51:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23

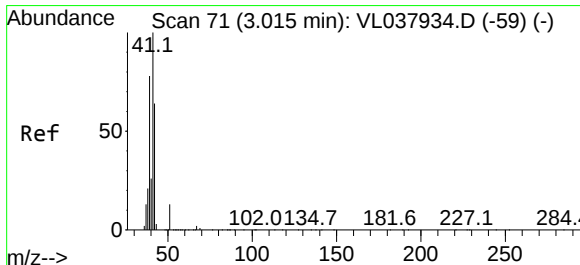
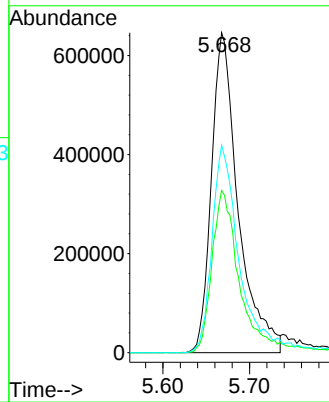
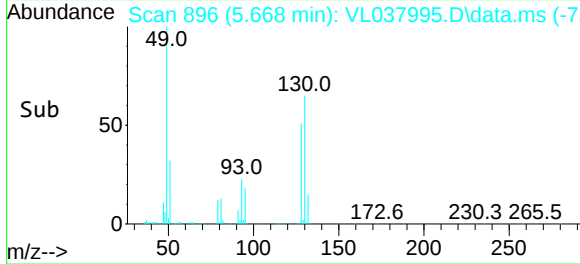
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MSVOA_L
ClientSampleId :
C0U21DL



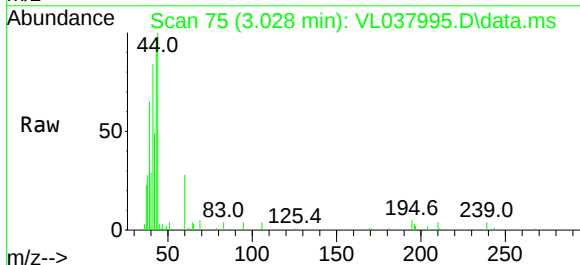
Tgt Ion: 49 Resp: 1384734
Ion Ratio Lower Upper
49 100
128 54.3 27.0 81.0
130 69.7 33.4 100.2

Manual Integrations
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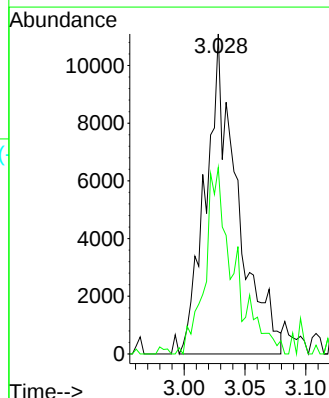
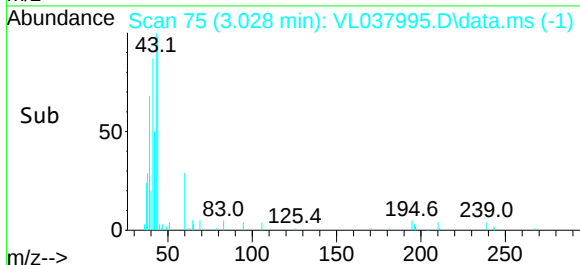
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Supervised By :Mahesh Dadoda 11/17/2021

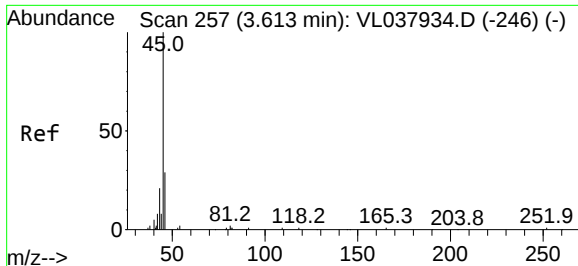


#9
Propene
Concen: 0.217 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.013 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23



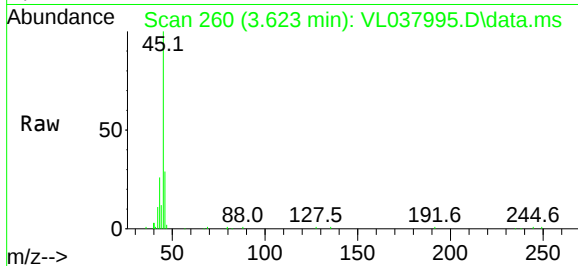
Tgt Ion: 41 Resp: 20033
Ion Ratio Lower Upper
41 100
42 194.0 57.6 86.4#





#13
Ethanol
Concen: 13.116 ppbv m
RT: 3.623 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23

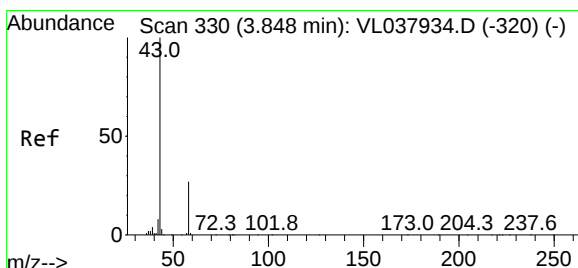
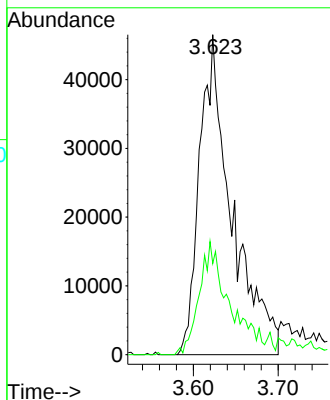
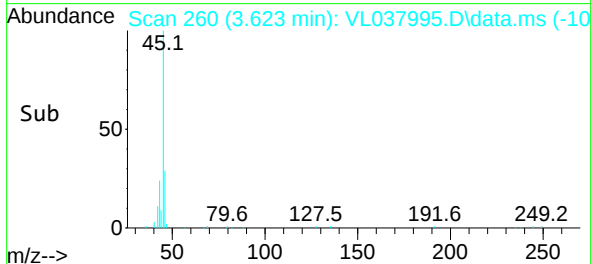
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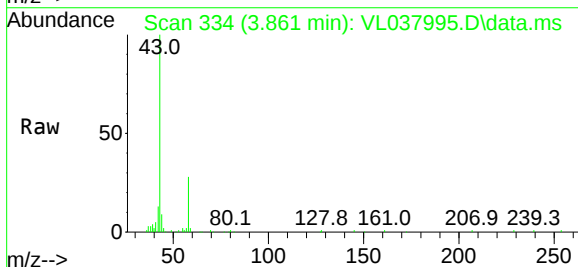
Tgt Ion: 45 Resp: 12229
Ion Ratio Lower Upper
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46 0.0 17.4 69.8

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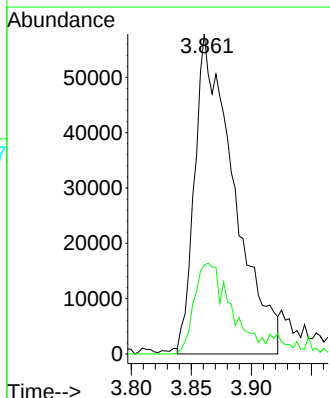
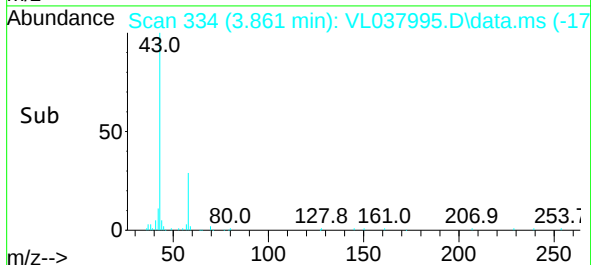
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Supervised By :Mahesh Dadoda 11/17/2021

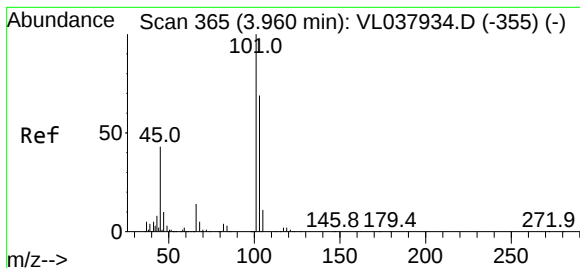


#15
Acetone
Concen: 1.149 ppbv m
RT: 3.861 min Scan# 334
Delta R.T. 0.013 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23



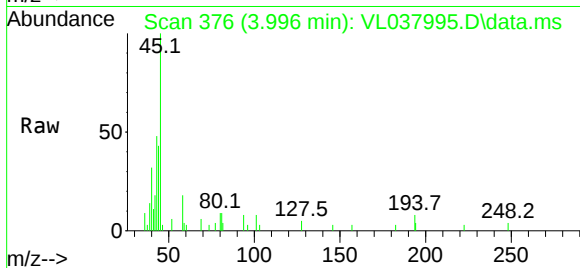
Tgt Ion: 43 Resp: 131504
Ion Ratio Lower Upper
43 100
58 31.0 23.3 34.9





#19
Isopropyl Alcohol
Concen: 0.132 ppbv m
RT: 3.996 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23

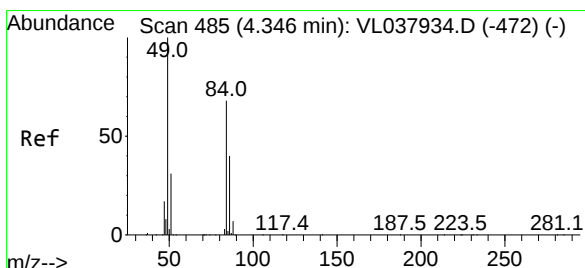
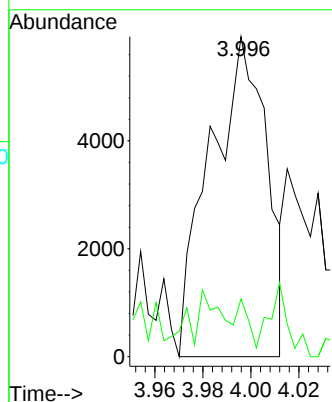
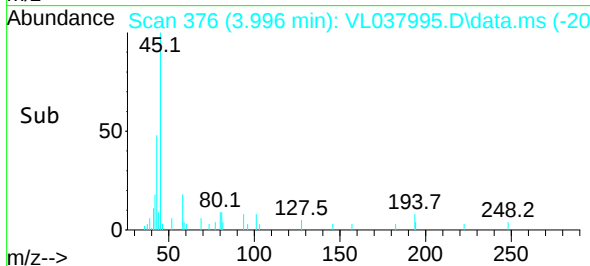
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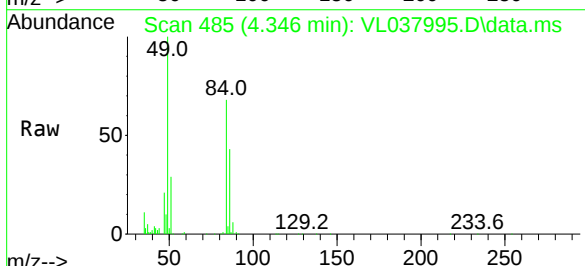
Tgt Ion: 45 Resp: 969
Ion Ratio Lower Upper
45 100
58 16.2 4.0 6.0

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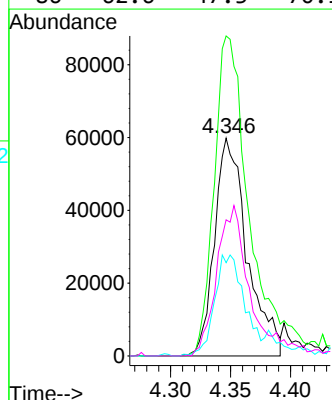
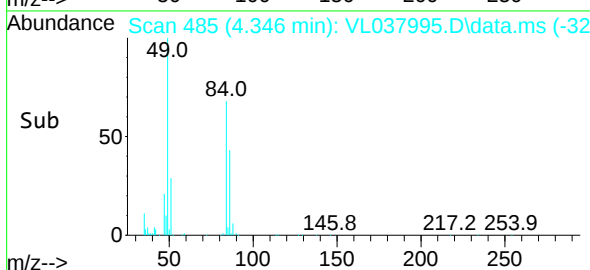
Reviewed By :Semsettin Yesilyurt 11/15/2021
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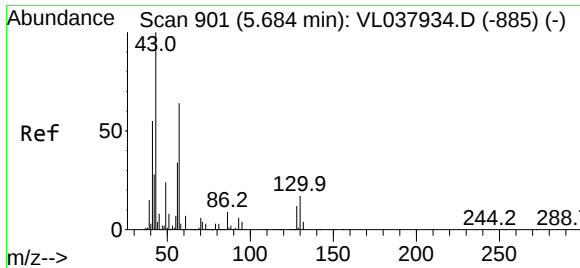


#20
Methylene Chloride
Concen: 1.802 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.000 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23



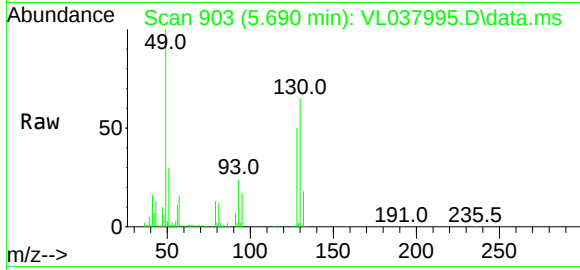
Tgt Ion: 84 Resp: 113200
Ion Ratio Lower Upper
84 100
49 146.9 117.5 176.3
51 42.8 35.9 53.9
86 62.6 47.3 70.9





#26
Hexane
Concen: 0.467 ppbv m
RT: 5.690 min Scan# 901
Delta R.T. 0.006 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23

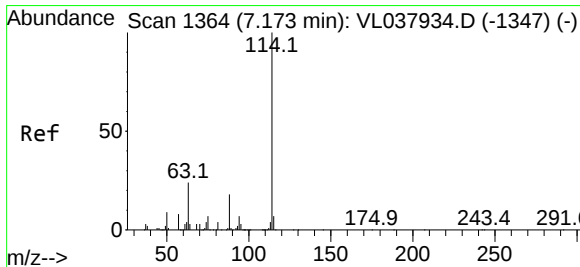
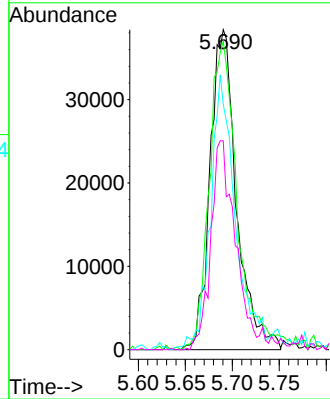
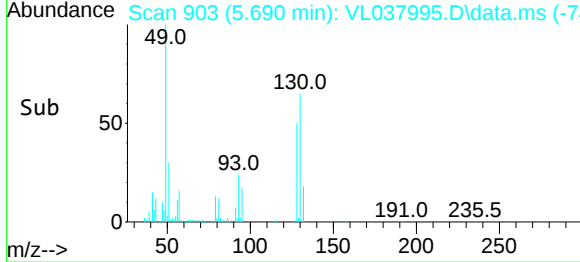
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Tgt Ion: 57 Resp: 75172
Ion Ratio Lower Upper
57 100
41 105.7 71.0 106.6
43 84.8 173.0 259.6
56 62.7 43.6 65.4

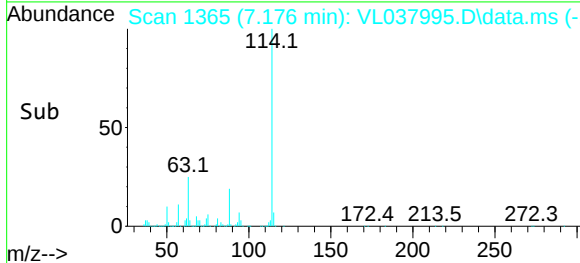
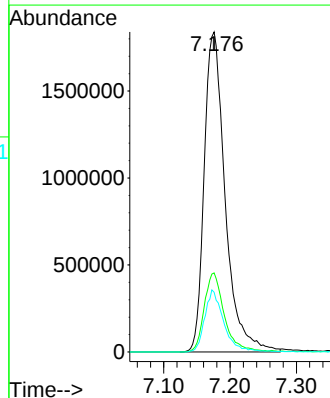
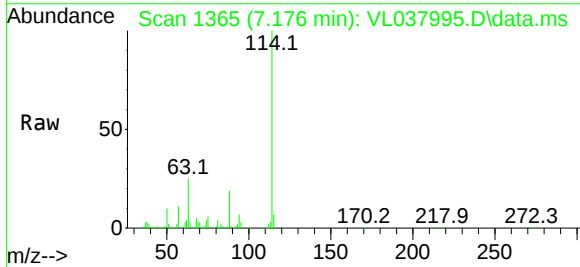
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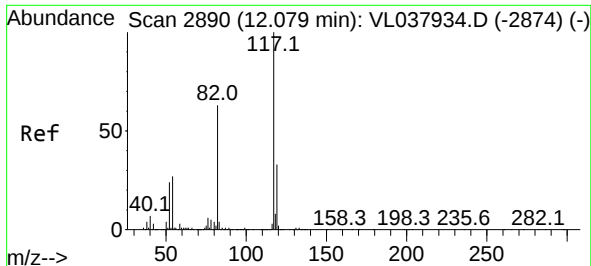
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL037995.D
Acq: 10 Nov 2021 1:23

Tgt Ion:114 Resp: 4047433
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.6 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.086 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL037995.D

Acq: 10 Nov 2021 1:23

Instrument :

MSVOA_L

ClientSampleId :

COU21DL

Tgt Ion: 117 Resp: 337119

Ion Ratio Lower Upper

117 100

82 65.7 51.0 76.6

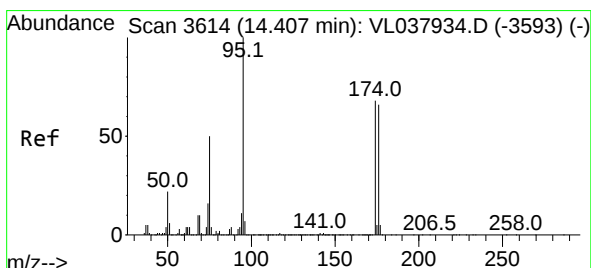
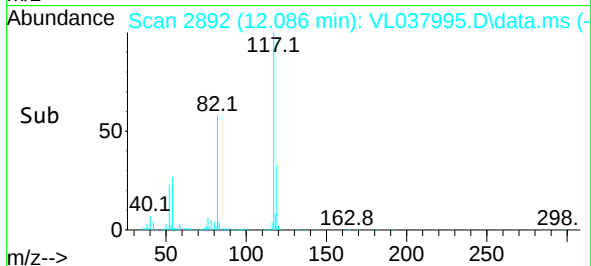
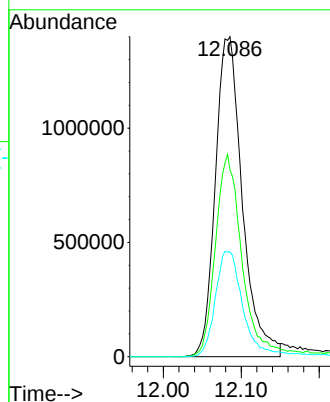
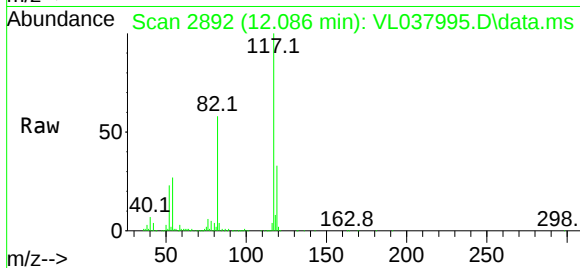
119 34.9 26.9 40.3

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.565 ppbv

RT: 14.413 min Scan# 3616

Delta R.T. 0.006 min

Lab File: VL037995.D

Acq: 10 Nov 2021 1:23

Tgt Ion: 95 Resp: 2344008

Ion Ratio Lower Upper

95 100

174 74.5 58.3 87.5

175 5.7 4.6 6.8

