

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037991.D
 Acq On : 9 Nov 2021 22:45
 Operator : SY/AP
 Sample : M4555-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 COU05DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:50:24 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 04:50:24 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	5.664	49	1404465	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4158836	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3446019	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2318003	9.254	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.500%
Target Compounds						
					Qvalue	
13) Ethanol	3.610	45	432064m	45.687	ppbv	
15) Acetone	3.857	43	200561	1.728	ppbv	96
17) tert-Butyl alcohol	4.311	59	28641m	0.237	ppbv	
19) Isopropyl Alcohol	3.973	45	180470	2.432	ppbv #	95
20) Methylene Chloride	4.349	84	73141	1.148	ppbv #	92
26) Hexane	5.690	57	48331m	0.296	ppbv	
34) 2-Butanone	5.256	43	16397m	0.106	ppbv	

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

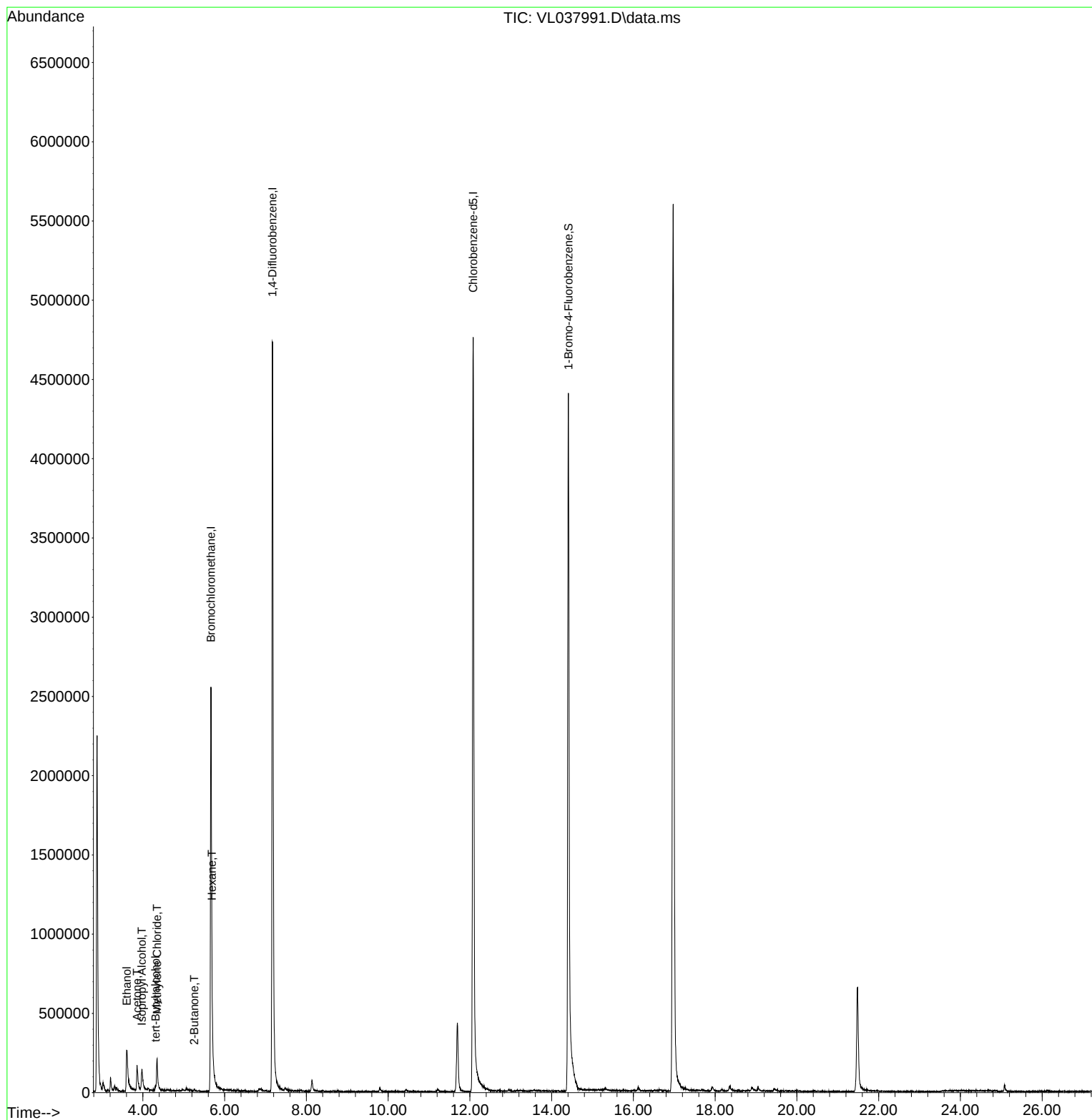
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037991.D
Acq On : 9 Nov 2021 22:45
Operator : SY/AP
Sample : M4555-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

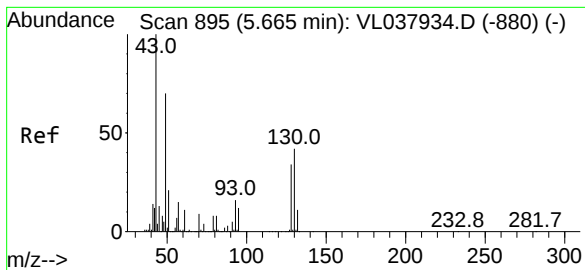
Instrument :
MSVOA_L
ClientSampleId :
C0U05DL

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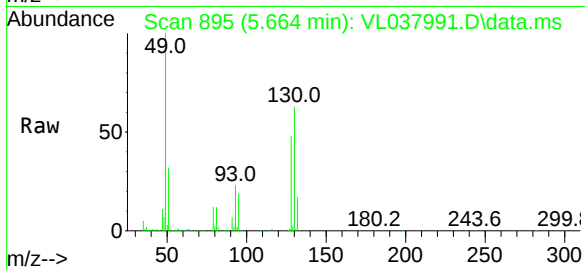
Quant Time: Nov 10 04:50:24 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

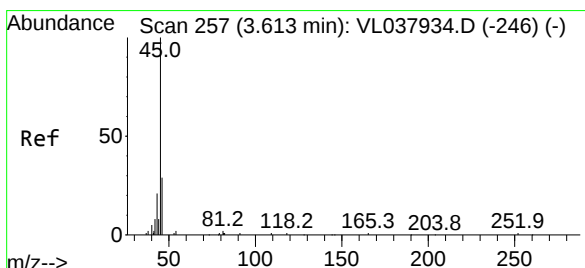
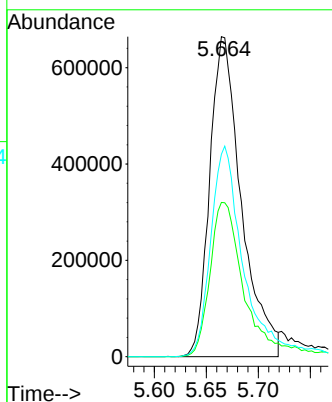
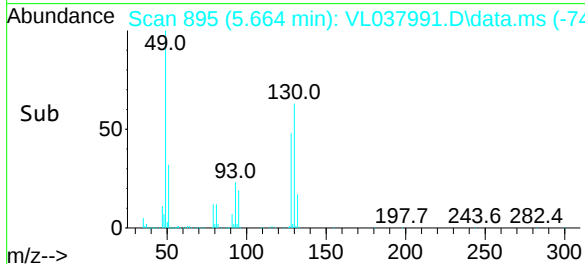
Instrument :
MSVOA_L
ClientSampleId :
C0U05DL



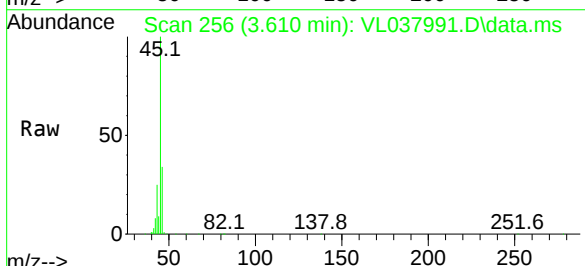
Tgt Ion: 49 Resp: 140446
Ion Ratio Lower Upper
49 100
128 54.5 27.0 81.0
130 70.4 33.4 100.2

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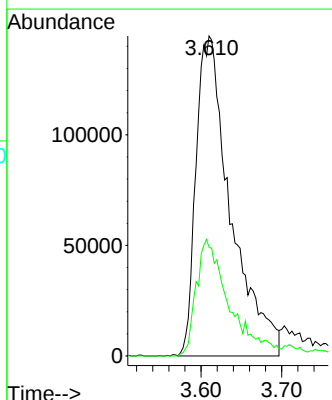
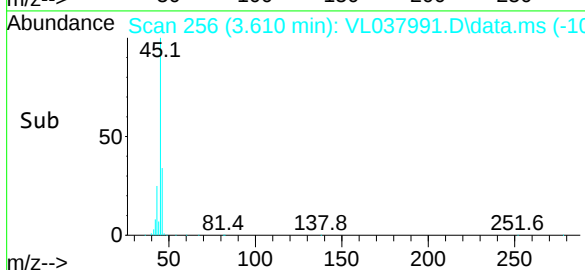
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

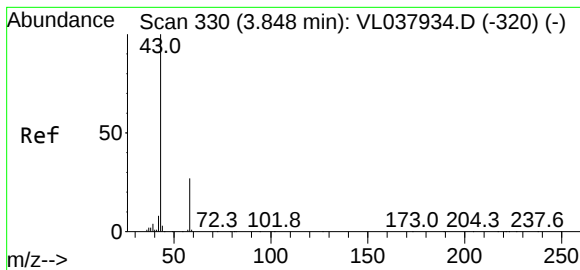


#13
Ethanol
Concen: 45.687 ppbv m
RT: 3.610 min Scan# 256
Delta R.T. -0.003 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45



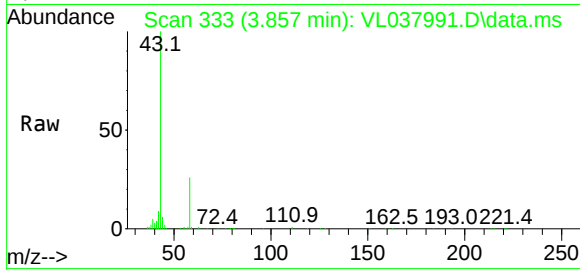
Tgt Ion: 45 Resp: 432064
Ion Ratio Lower Upper
45 100
46 38.4 17.4 69.8





#15
Acetone
Concen: 1.728 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.009 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

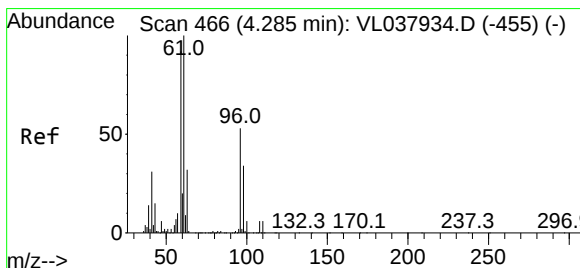
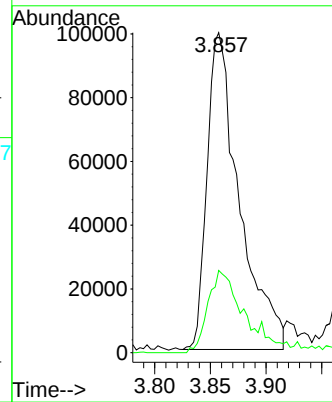
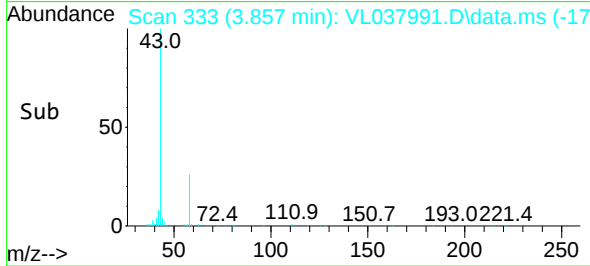
Instrument :
MSVOA_L
ClientSampleId :
COU05DL



Tgt Ion: 43 Resp: 20056
Ion Ratio Lower Upper
43 100
58 31.3 23.3 34.9

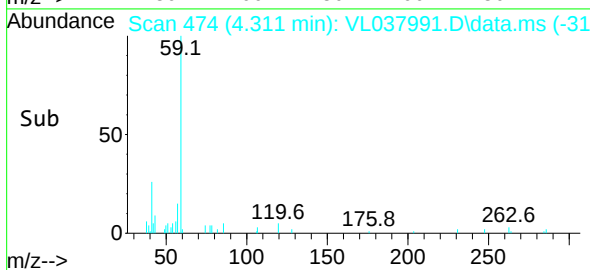
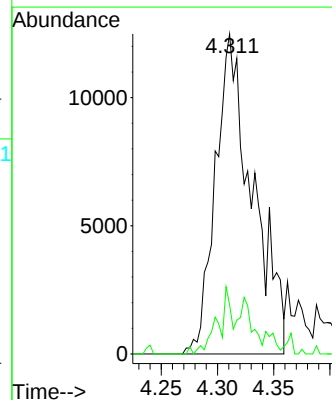
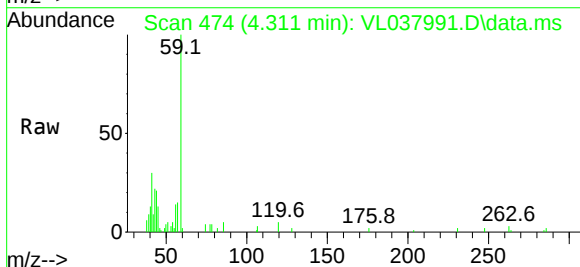
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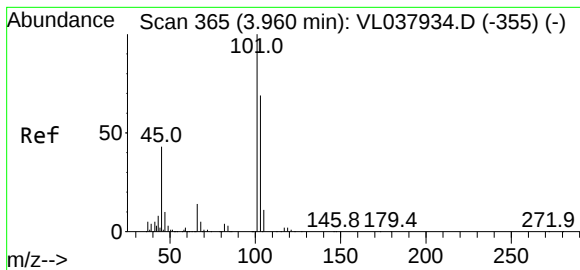
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#17
tert-Butyl alcohol
Concen: 0.237 ppbv m
RT: 4.311 min Scan# 474
Delta R.T. 0.026 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

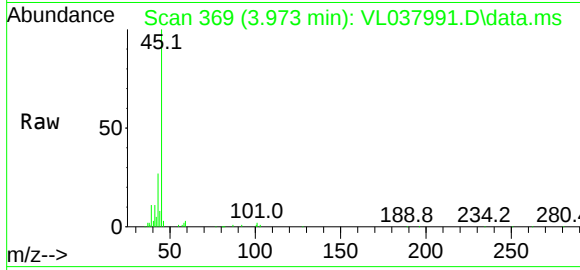
Tgt Ion: 59 Resp: 28641
Ion Ratio Lower Upper
59 100
57 16.0 8.9 13.3#





#19
Isopropyl Alcohol
Concen: 2.432 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

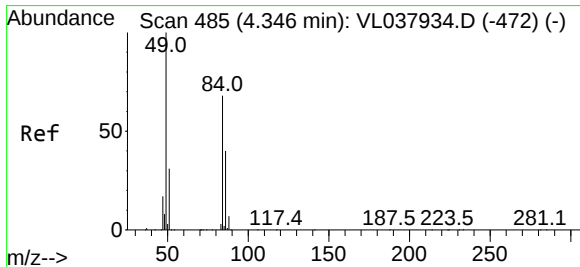
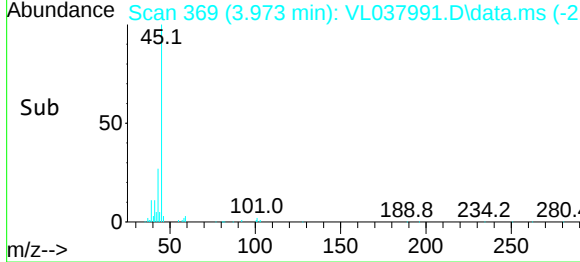
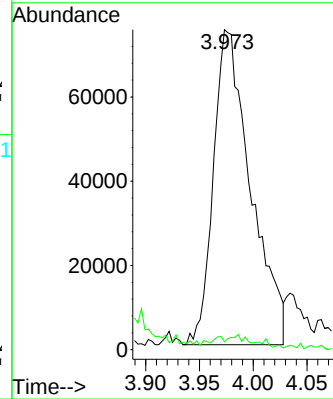
Instrument :
MSVOA_L
ClientSampleId :
COU05DL



Tgt Ion: 45 Resp: 180470
Ion Ratio Lower Upper
45 100
58 6.6 4.0 6.0

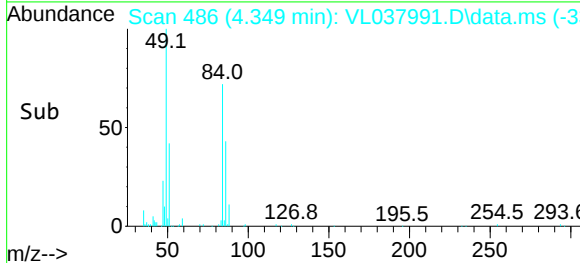
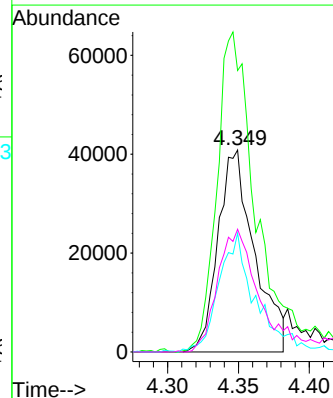
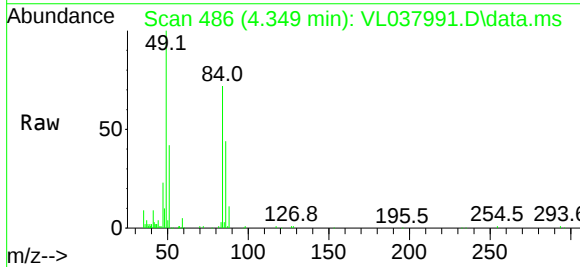
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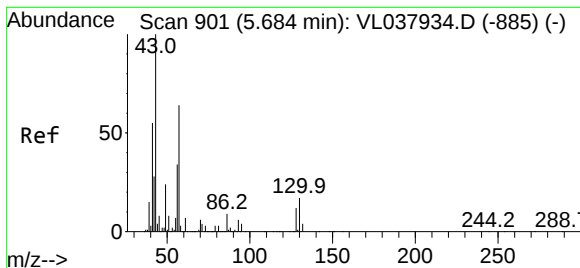
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#20
Methylene Chloride
Concen: 1.148 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

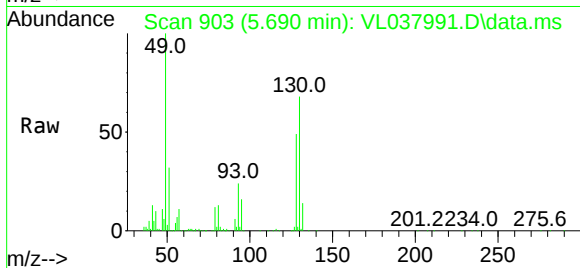
Tgt Ion: 84 Resp: 73141
Ion Ratio Lower Upper
84 100
49 137.7 117.5 176.3
51 57.4 35.9 53.9#
86 60.8 47.3 70.9





#26
Hexane
Concen: 0.296 ppbv m
RT: 5.690 min Scan# 901
Delta R.T. 0.006 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

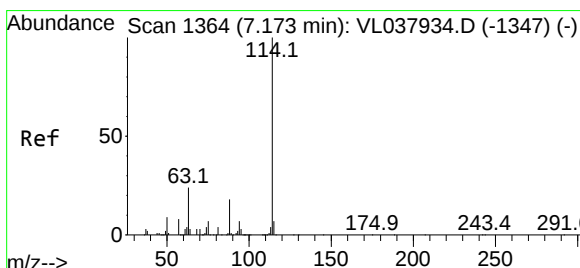
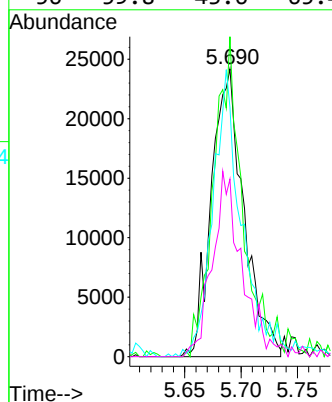
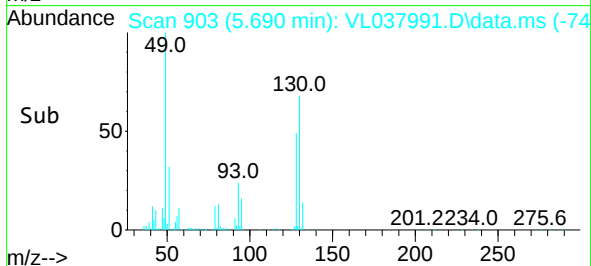
Instrument :
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ClientSampleId :
COU05DL



Tgt Ion: 57 Resp: 4833
Ion Ratio Lower Upper
57 100
41 104.2 71.0 106.6
43 93.2 173.0 259.6
56 59.8 43.6 65.4

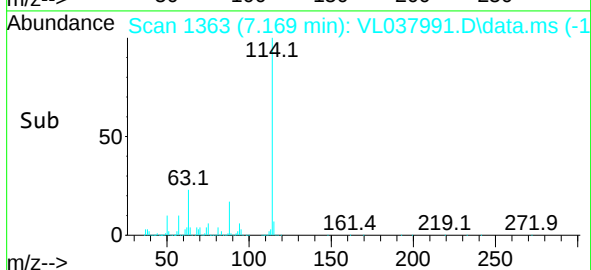
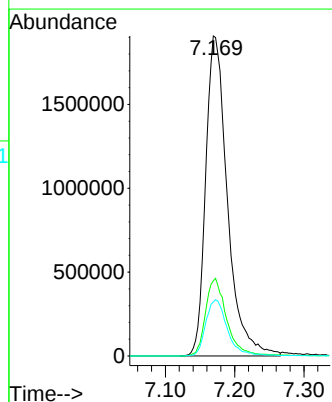
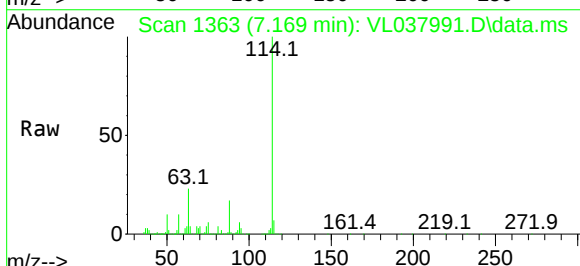
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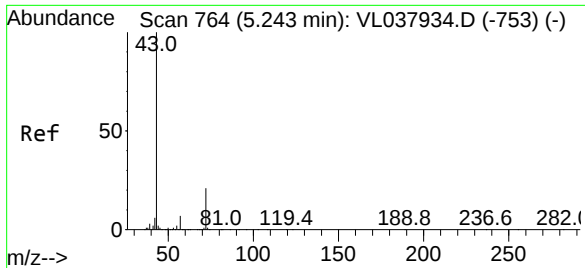
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

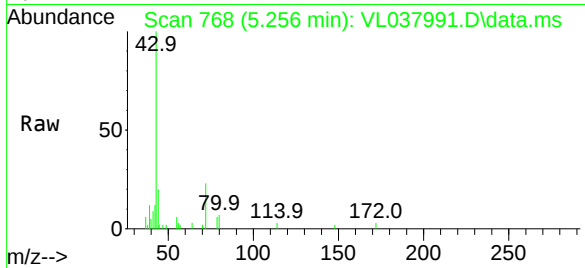
Tgt Ion:114 Resp: 4158836
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.6 14.2 21.4





#34
2-Butanone
Concen: 0.106 ppbv m
RT: 5.256 min Scan# 764
Delta R.T. 0.013 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45

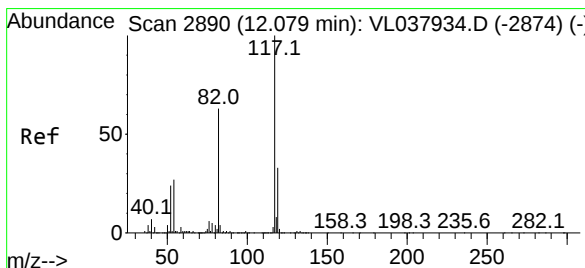
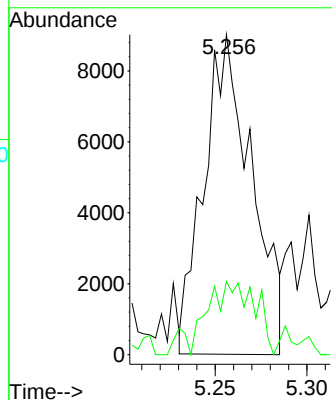
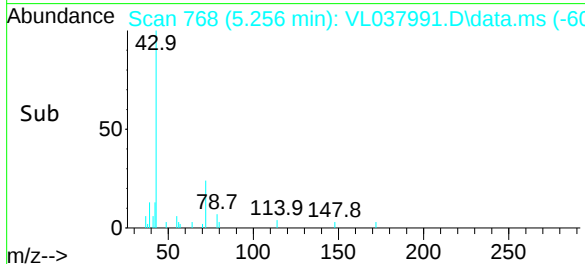
Instrument :
MSVOA_L
ClientSampleId :
COU05DL



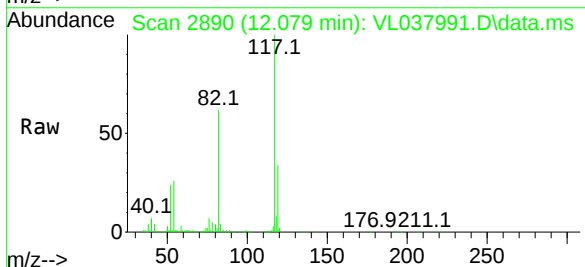
Tgt Ion: 43 Resp: 16397
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5

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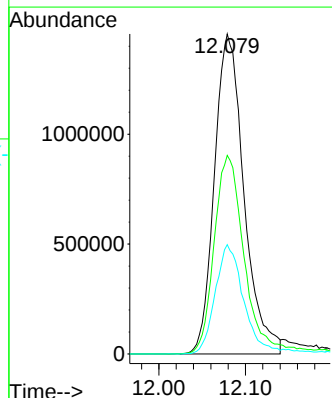
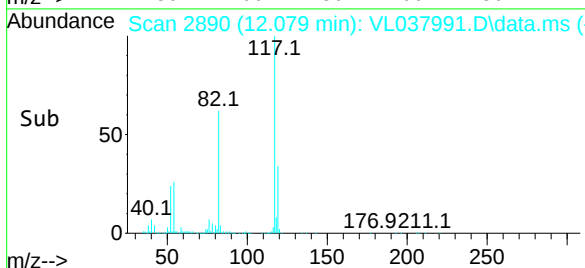
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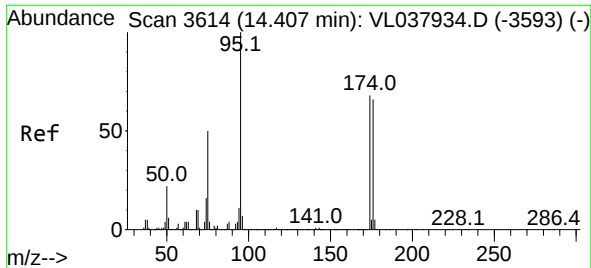


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL037991.D
Acq: 9 Nov 2021 22:45



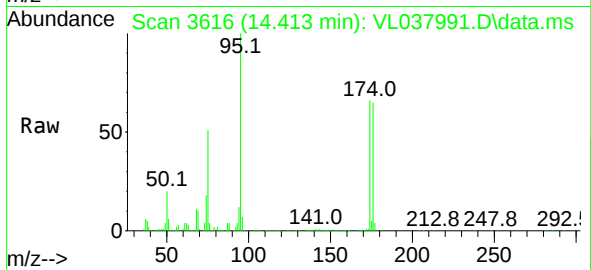
Tgt Ion:117 Resp: 3446019
Ion Ratio Lower Upper
117 100
82 66.0 51.0 76.6
119 34.9 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.254 ppbv
 RT: 14.413 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VL037991.D
 Acq: 9 Nov 2021 22:45

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U05DL



Tgt Ion: 95 Resp: 231800

Ion	Ratio	Lower	Upper
95	100		
174	77.1	58.3	87.5
175	5.8	4.6	6.8

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