

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037987.D
 Acq On : 9 Nov 2021 20:07
 Operator : SY/AP
 Sample : M4555-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U03DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:49:42 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 04:49:42 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	5.665	49	1506817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4228351	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3575814	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2501661	9.625	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
9) Propene	3.028	41	26132	0.260	ppbv	85
13) Ethanol	3.607	45	782867	77.159	ppbv	89
15) Acetone	3.861	43	198524	1.594	ppbv	96
19) Isopropyl Alcohol	3.976	45	47622m	0.598	ppbv	
20) Methylene Chloride	4.343	84	128635m	1.882	ppbv	
26) Hexane	5.684	57	87374m	0.499	ppbv	
29) Chloroform	5.745	83	55507m	0.212	ppbv	

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

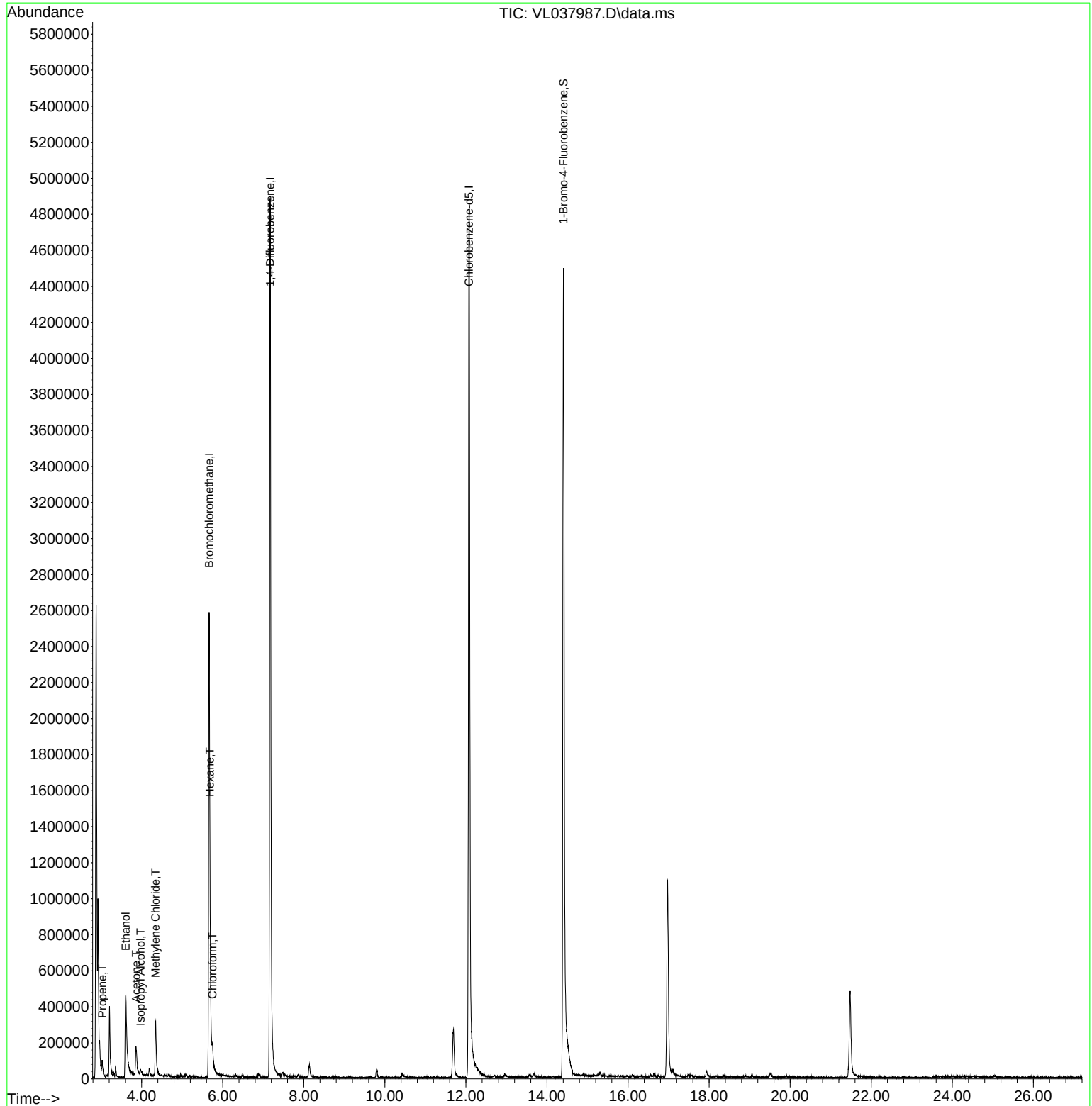
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
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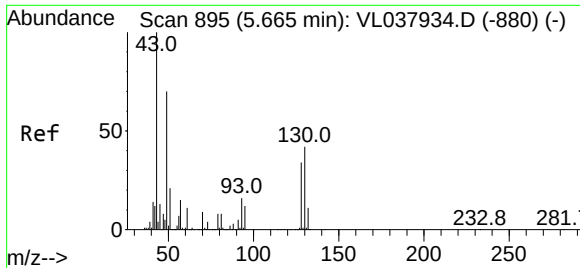
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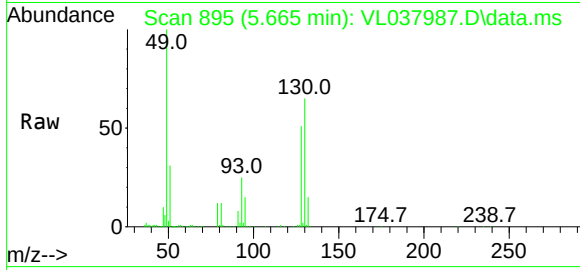
Quant Time: Nov 10 04:49:42 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

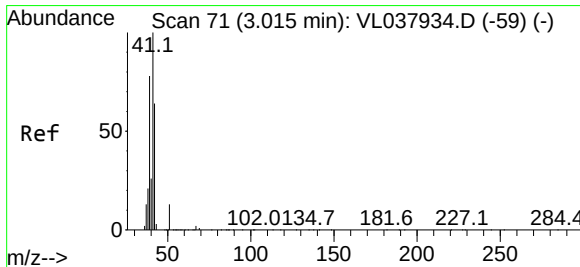
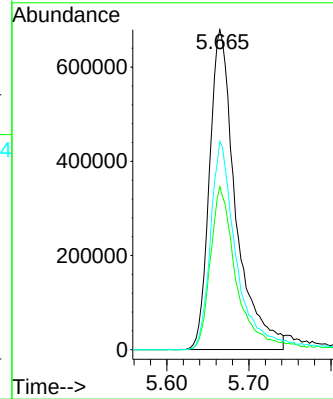
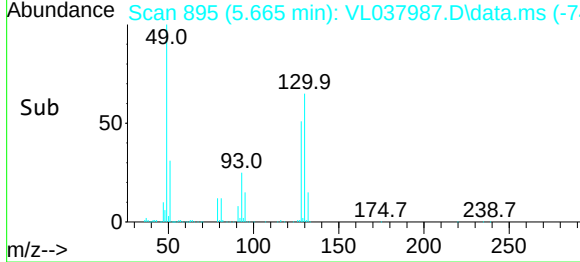
Instrument :
MSVOA_L
ClientSampleId :
C0U03DL



Tgt Ion: 49 Resp: 150681
Ion Ratio Lower Upper
49 100
128 53.0 27.0 81.0
130 67.1 33.4 100.2

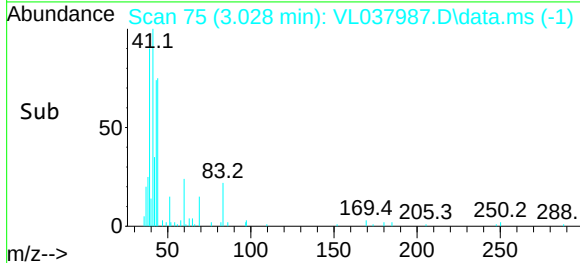
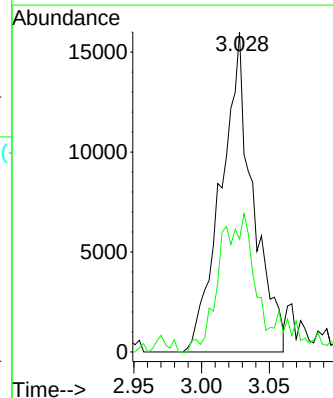
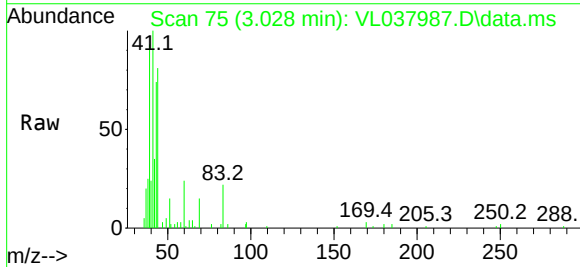
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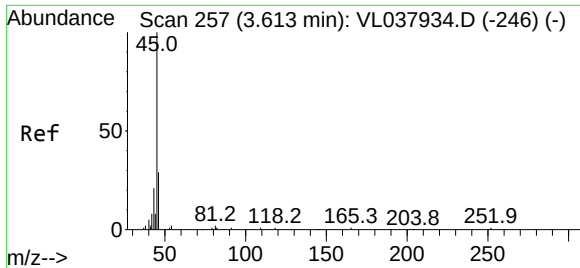
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#9
Propene
Concen: 0.260 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.013 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

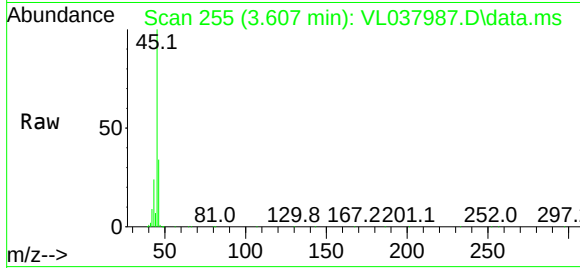
Tgt Ion: 41 Resp: 26132
Ion Ratio Lower Upper
41 100
42 59.6 57.6 86.4





#13
Ethanol
Concen: 77.159 ppbv
RT: 3.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

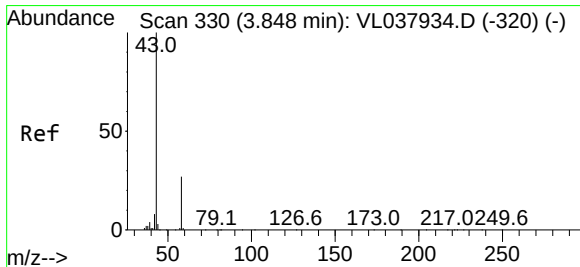
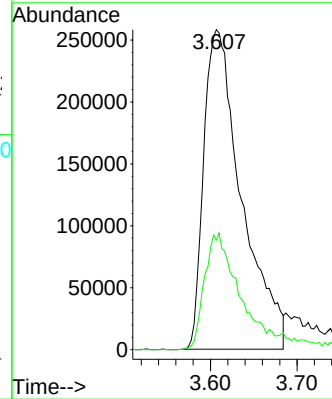
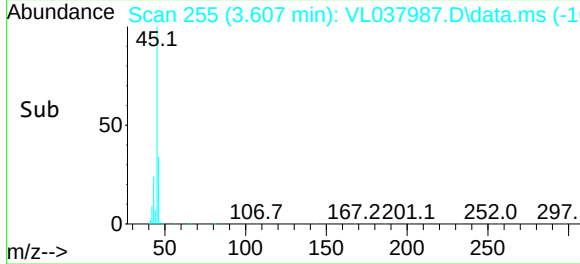
Instrument :
MSVOA_L
ClientSampleId :
C0U03DL



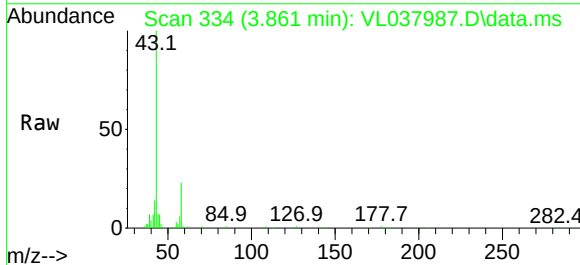
Tgt Ion: 45 Resp: 78286
Ion Ratio Lower Upper
45 100
46 36.7 17.4 69.8

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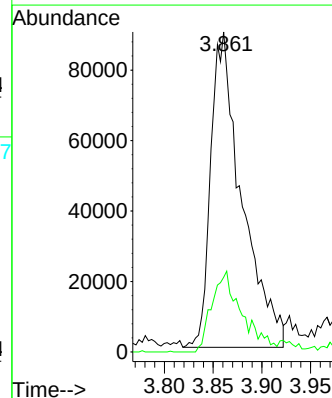
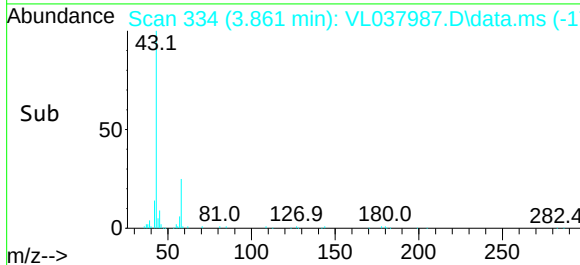
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Supervised By :Mahesh Dadoda 11/17/2021

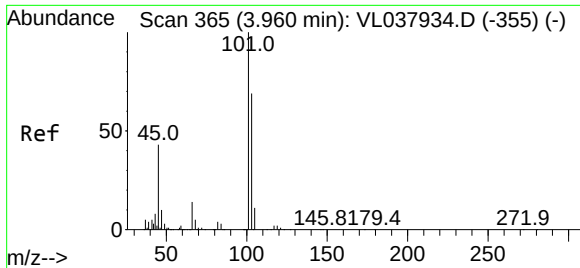


#15
Acetone
Concen: 1.594 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.013 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07



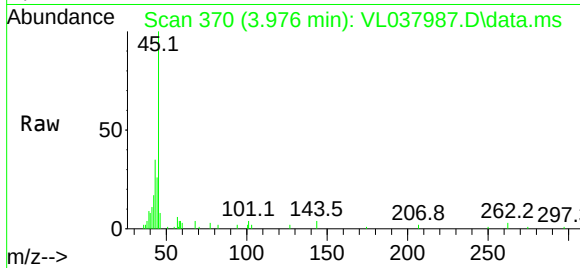
Tgt Ion: 43 Resp: 198524
Ion Ratio Lower Upper
43 100
58 26.8 23.3 34.9





#19
Isopropyl Alcohol
Concen: 0.598 ppbv m
RT: 3.976 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

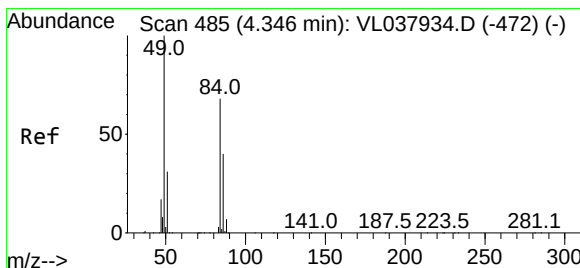
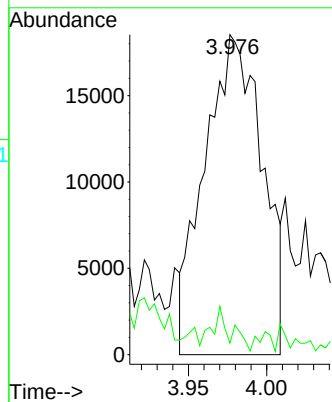
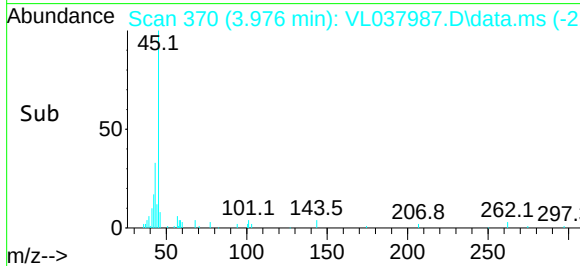
Instrument :
MSVOA_L
ClientSampleId :
COU03DL



Tgt Ion: 45 Resp: 4762
Ion Ratio Lower Upper
45 100
58 6.9 4.0 6.0

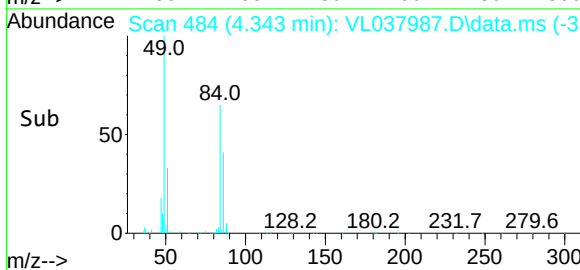
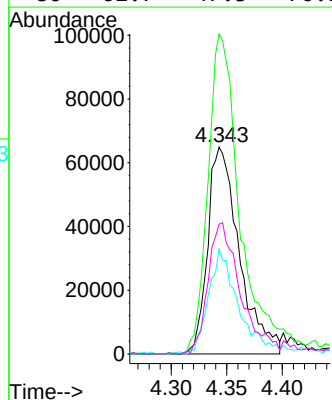
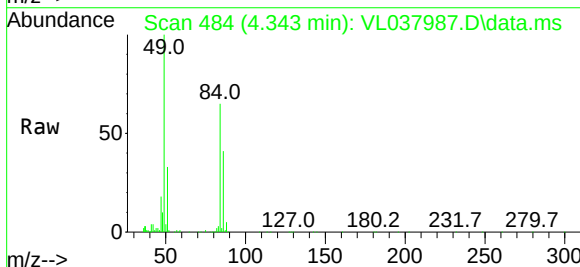
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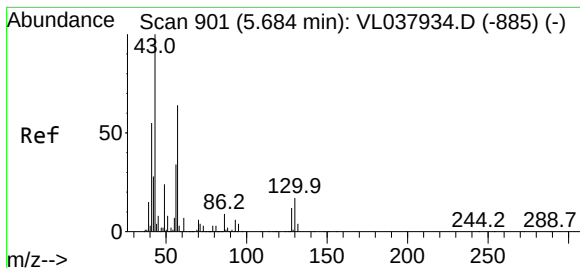
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 1.882 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

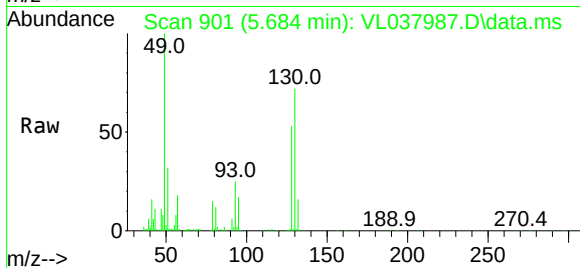
Tgt Ion: 84 Resp: 128635
Ion Ratio Lower Upper
84 100
49 154.6 117.5 176.3
51 50.7 35.9 53.9
86 62.7 47.3 70.9





#26
Hexane
Concen: 0.499 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

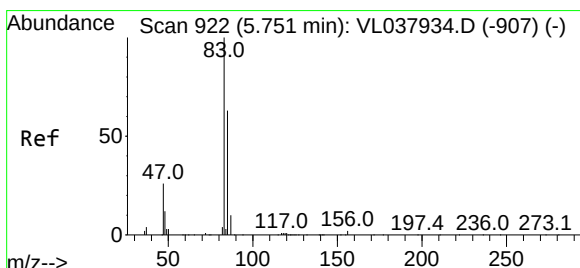
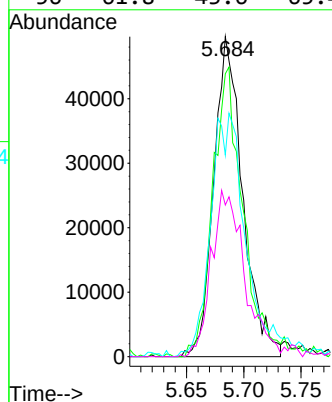
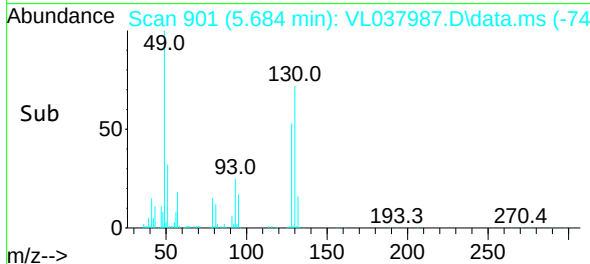
Instrument :
MSVOA_L
ClientSampleId :
C0U03DL



Tgt Ion: 57 Resp: 87374
Ion Ratio Lower Upper
57 100
41 98.7 71.0 106.6
43 96.0 173.0 259.6
56 61.8 43.6 65.4

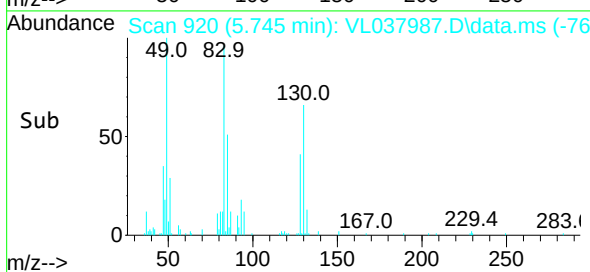
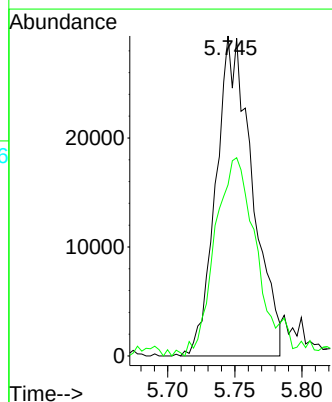
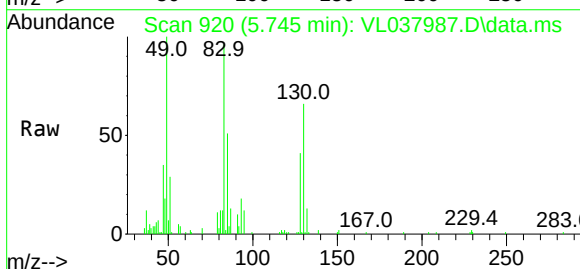
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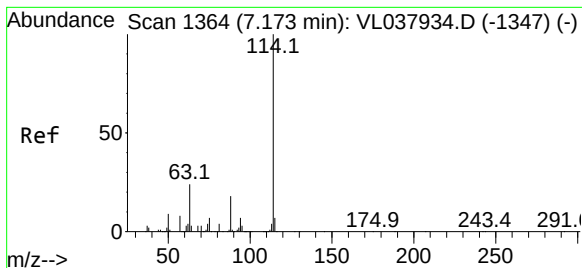
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#29
Chloroform
Concen: 0.212 ppbv m
RT: 5.745 min Scan# 920
Delta R.T. -0.006 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

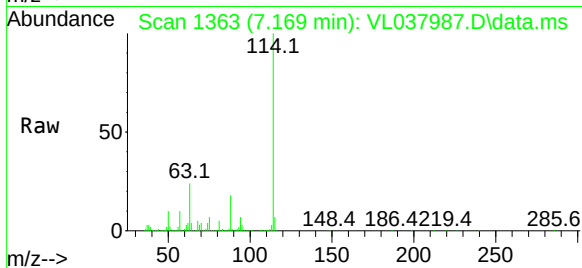
Tgt Ion: 83 Resp: 55507
Ion Ratio Lower Upper
83 100
85 53.5 50.6 76.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07

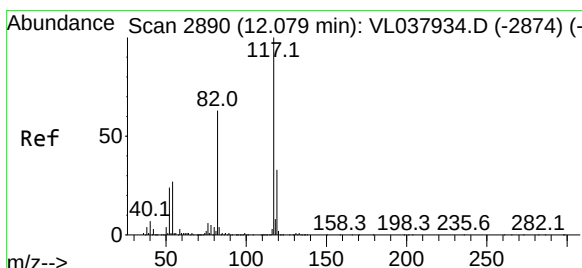
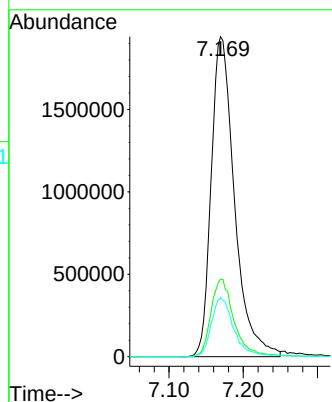
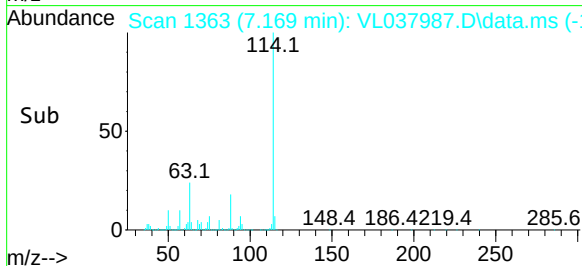
Instrument :
MSVOA_L
ClientSampleId :
COU03DL



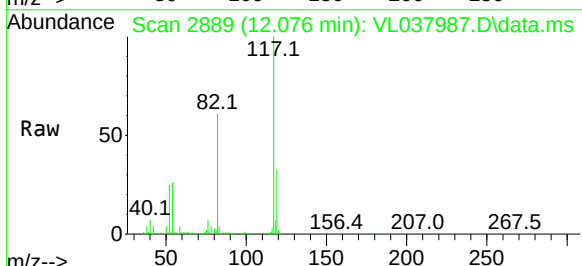
Tgt Ion:114 Resp: 422835
Ion Ratio Lower Upper
114 100
63 24.4 19.4 29.0
88 18.1 14.2 21.4

Manual Integrations
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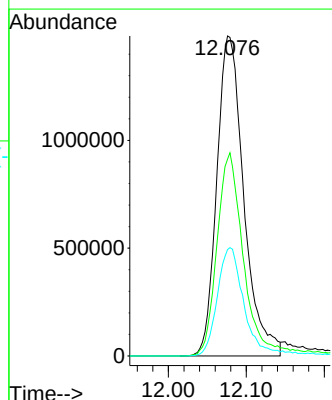
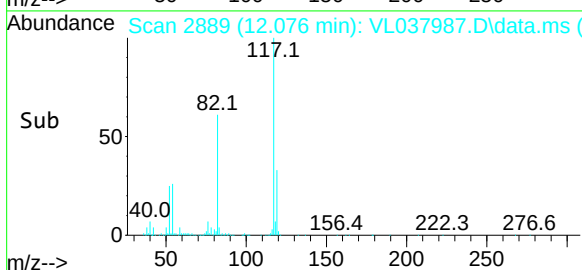
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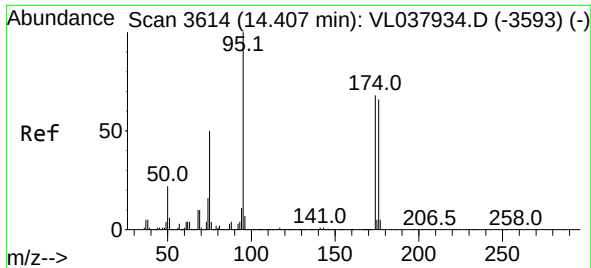


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VL037987.D
Acq: 9 Nov 2021 20:07



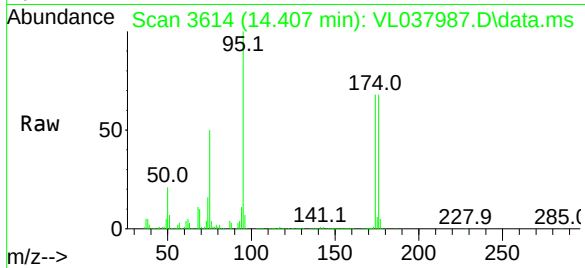
Tgt Ion:117 Resp: 3575814
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 34.8 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.625 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL037987.D
 Acq: 9 Nov 2021 20:07

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U03DL



Tgt Ion: 95 Resp: 250166

Ion	Ratio	Lower	Upper
95	100		
174	74.1	58.3	87.5
175	5.6	4.6	6.8

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