

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037989.D
 Acq On : 9 Nov 2021 21:26
 Operator : SY/AP
 Sample : M4555-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U04DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:50:02 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 04:50:02 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	1492606	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4237026	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3563228	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2362360	9.121	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.200%
Target Compounds						
					Qvalue	
9) Propene	3.025	41	14832	0.149	ppbv	92
13) Ethanol	3.606	45	499132m	49.663	ppbv	
15) Acetone	3.857	43	140400m	1.138	ppbv	
17) tert-Butyl alcohol	4.307	59	32819m	0.256	ppbv	
19) Isopropyl Alcohol	3.973	45	217460m	2.757	ppbv	
20) Methylene Chloride	4.343	84	42698m	0.631	ppbv	
26) Hexane	5.684	57	21382m	0.123	ppbv	

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

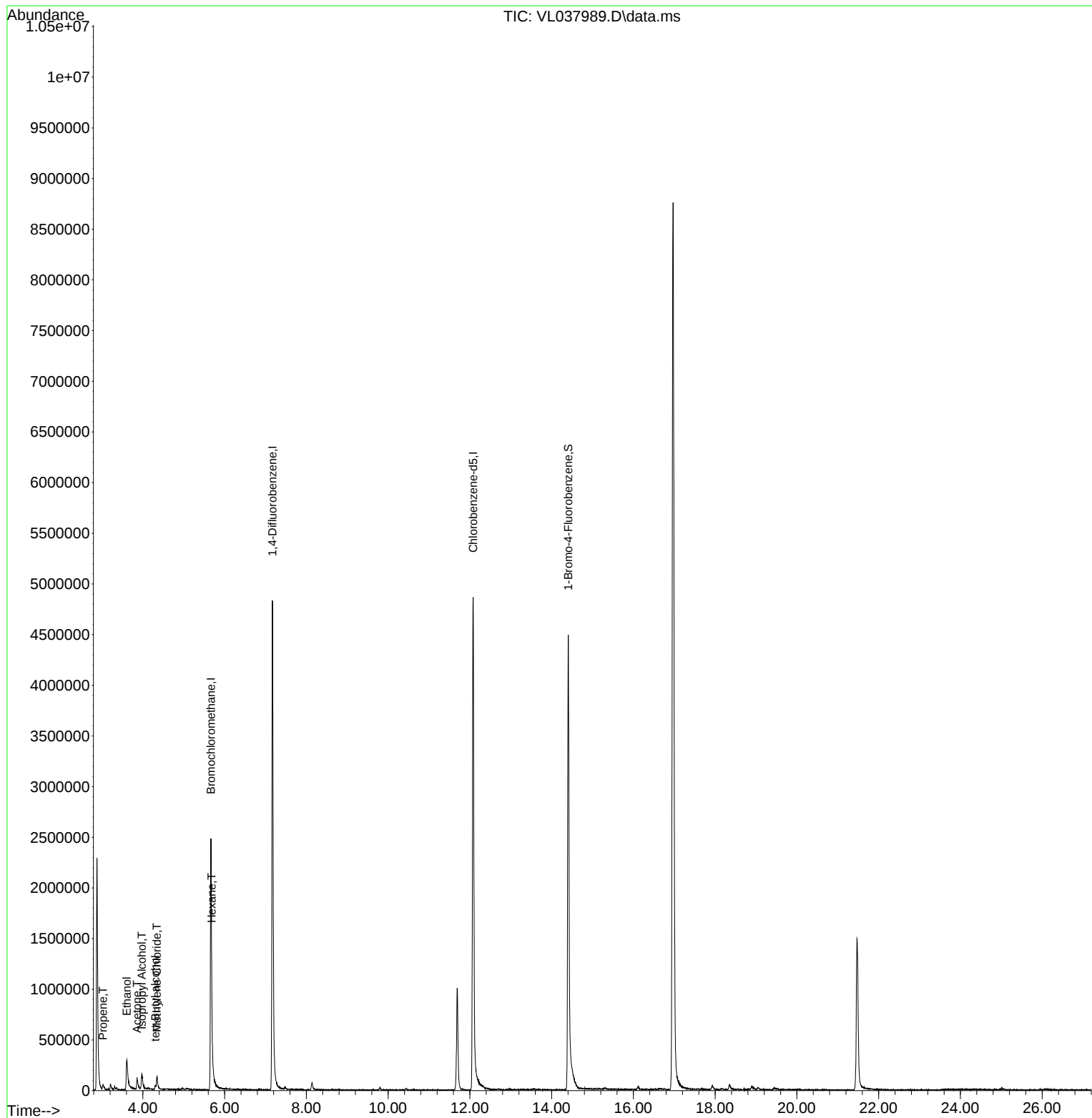
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037989.D
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Operator : SY/AP
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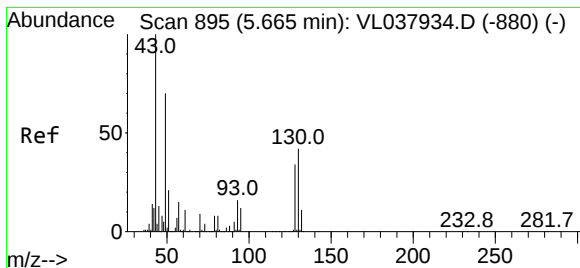
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ClientSampleId :
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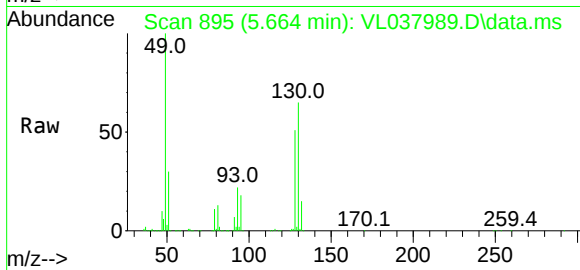
Reviewed By : Semsettin Yesilyurt 11/15/2021
Supervised By : Mahesh Dadoda 11/17/2021





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

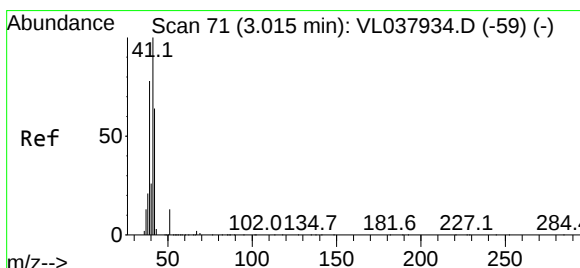
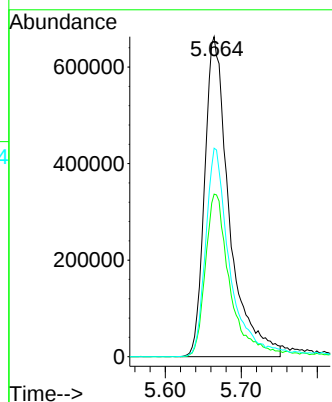
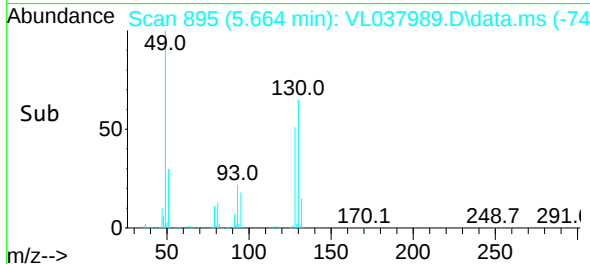
Instrument :
MSVOA_L
ClientSampleId :
C0U04DL



Tgt Ion: 49 Resp: 1492600
Ion Ratio Lower Upper
49 100
128 52.6 27.0 81.0
130 65.8 33.4 100.2

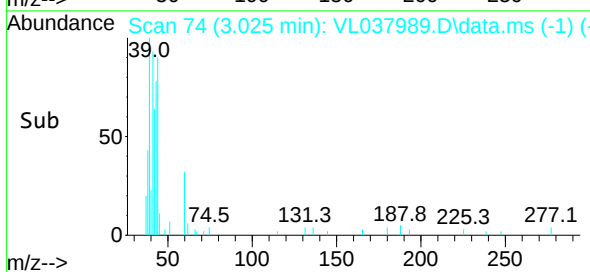
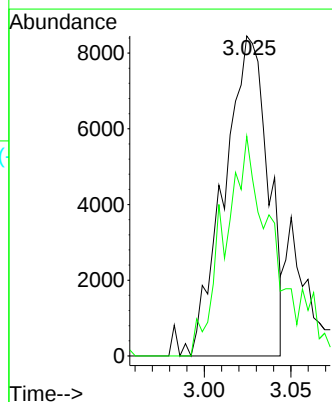
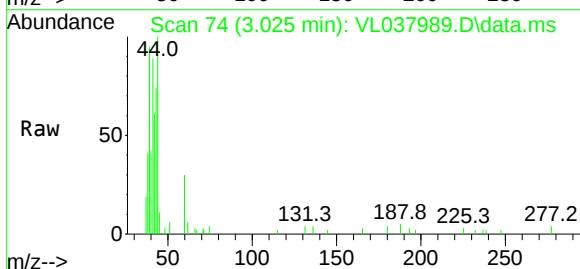
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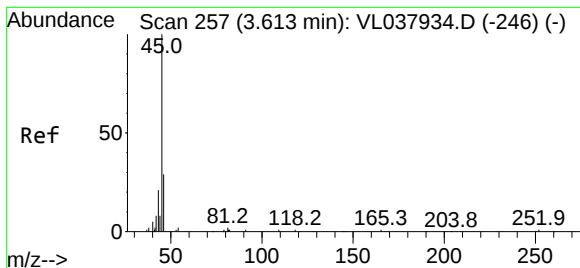
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#9
Propene
Concen: 0.149 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.009 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

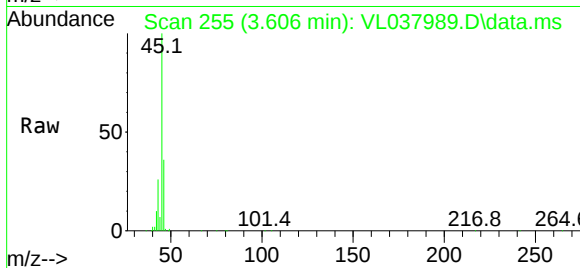
Tgt Ion: 41 Resp: 14832
Ion Ratio Lower Upper
41 100
42 79.0 57.6 86.4





#13
Ethanol
Concen: 49.663 ppbv m
RT: 3.606 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

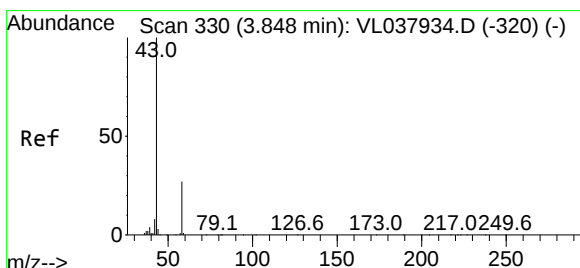
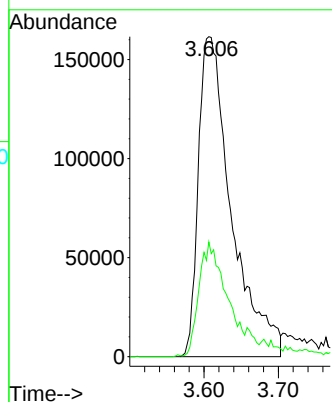
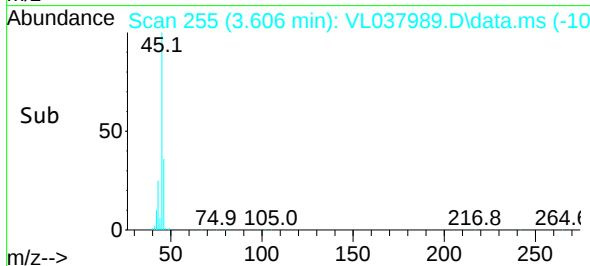
Instrument :
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ClientSampleId :
C0U04DL



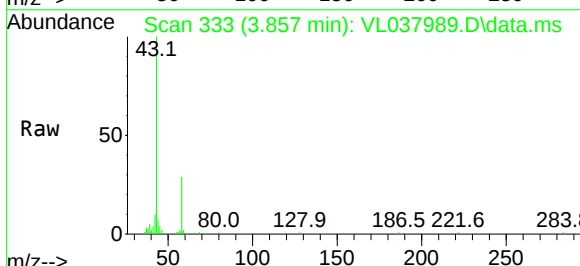
Tgt Ion: 45 Resp: 49913
Ion Ratio Lower Upper
45 100
46 36.4 17.4 69.8

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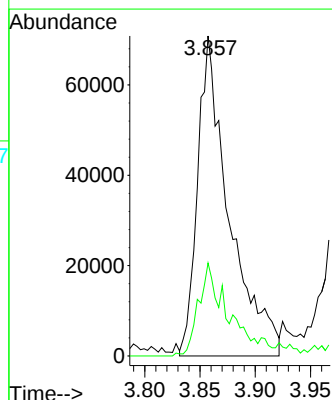
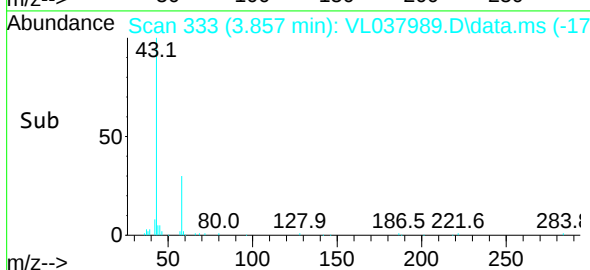
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

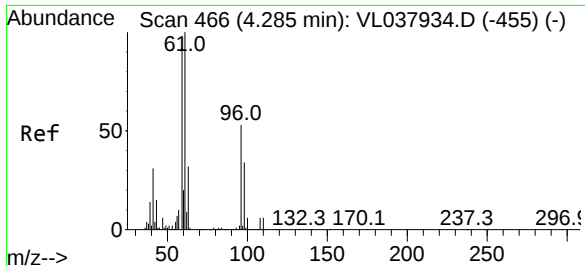


#15
Acetone
Concen: 1.138 ppbv m
RT: 3.857 min Scan# 333
Delta R.T. 0.009 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26



Tgt Ion: 43 Resp: 140400
Ion Ratio Lower Upper
43 100
58 30.2 23.3 34.9





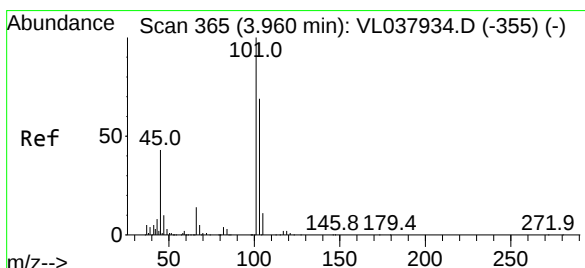
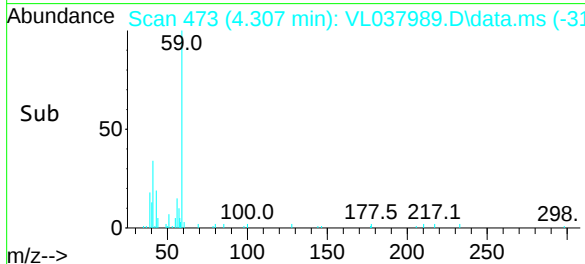
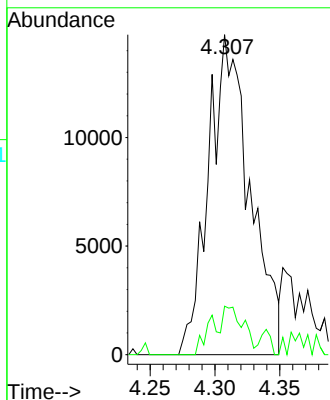
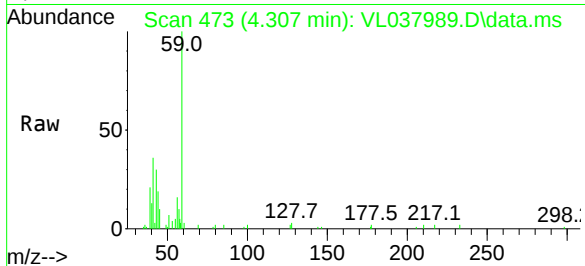
#17
tert-Butyl alcohol
Concen: 0.256 ppbv m
RT: 4.307 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

Instrument :
MSVOA_L
ClientSampleId :
COU04DL

Tgt Ion: 59 Resp: 32819
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

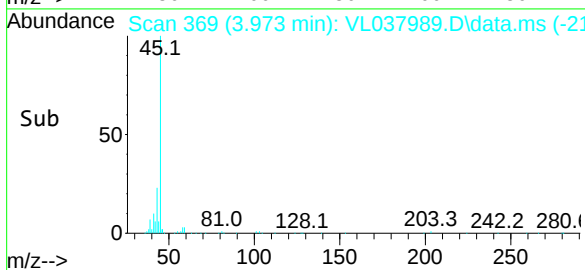
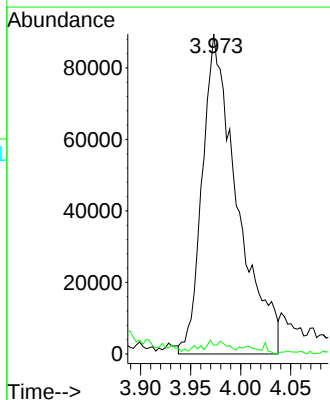
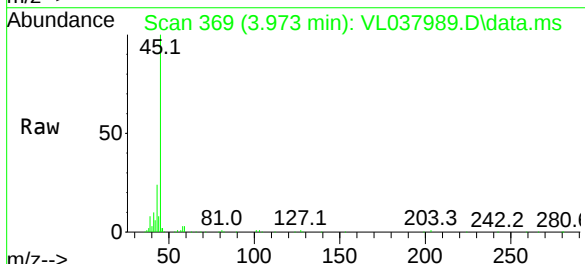
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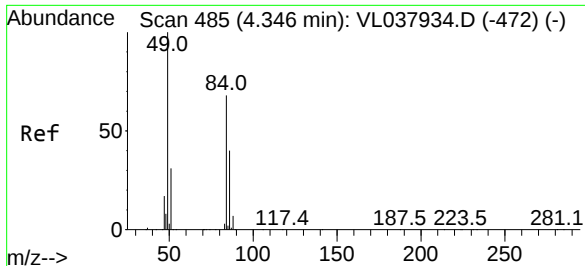
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#19
Isopropyl Alcohol
Concen: 2.757 ppbv m
RT: 3.973 min Scan# 369
Delta R.T. 0.013 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

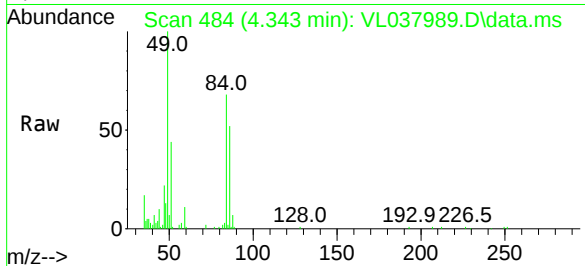
Tgt Ion: 45 Resp: 217460
Ion Ratio Lower Upper
45 100
58 3.5 4.0 6.0





#20
Methylene Chloride
Concen: 0.631 ppbv m
RT: 4.343 min Scan# 41
Delta R.T. -0.004 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

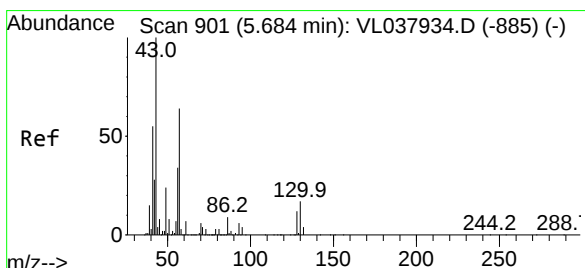
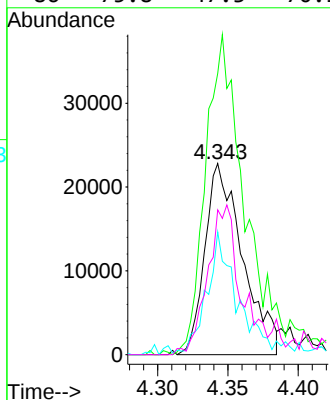
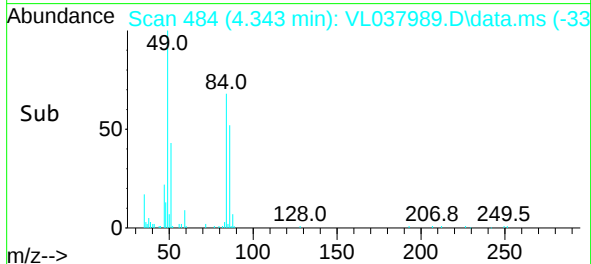
Instrument :
MSVOA_L
ClientSampleId :
COU04DL



Tgt Ion: 84 Resp: 42698
Ion Ratio Lower Upper
84 100
49 147.1 117.5 176.3
51 64.2 35.9 53.9
86 75.8 47.3 70.9#

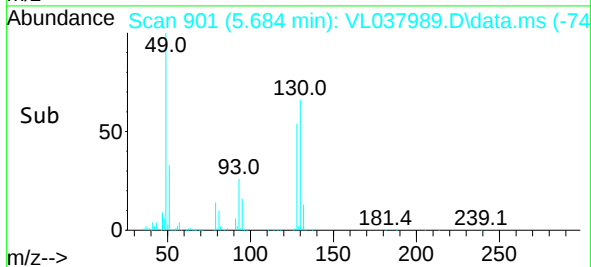
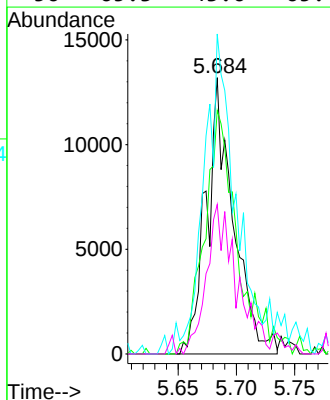
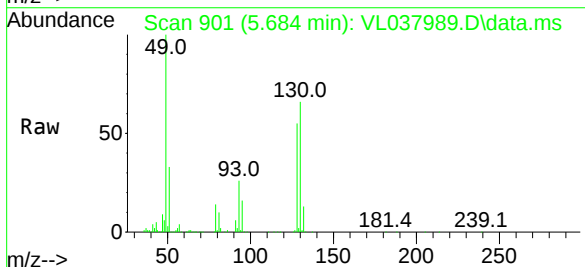
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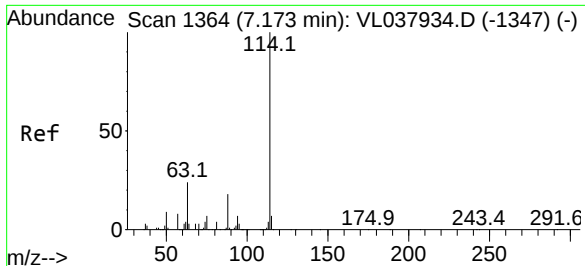
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 0.123 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

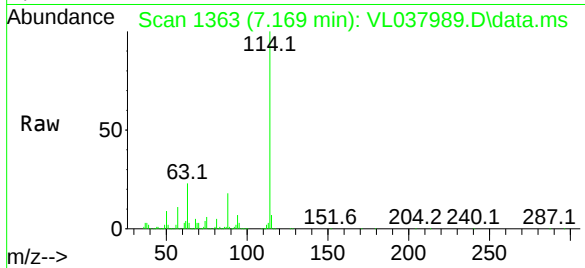
Tgt Ion: 57 Resp: 21382
Ion Ratio Lower Upper
57 100
41 109.4 71.0 106.6#
43 136.2 173.0 259.6#
56 65.3 43.6 65.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26

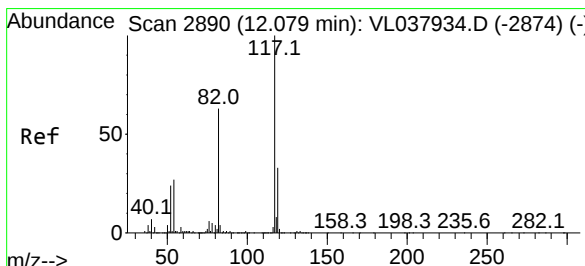
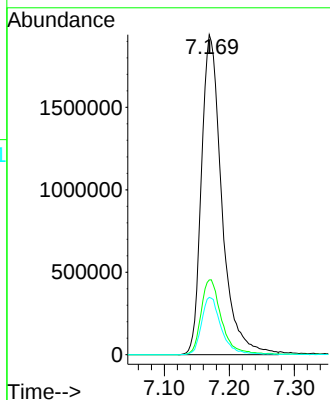
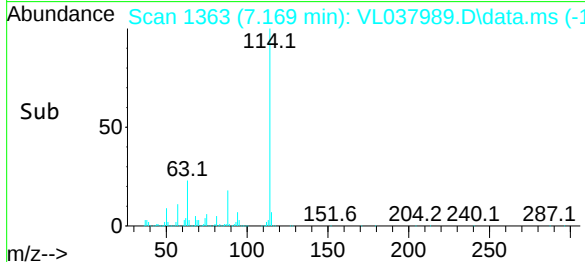
Instrument :
MSVOA_L
ClientSampleId :
COU04DL



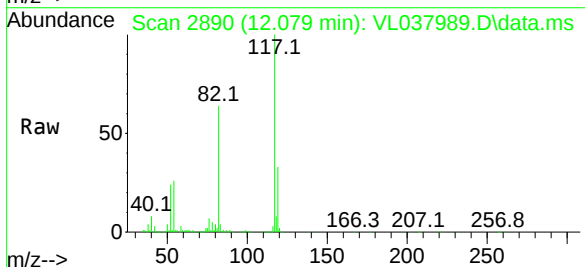
Tgt Ion:114 Resp: 4237020
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.4 14.2 21.4

Manual Integrations
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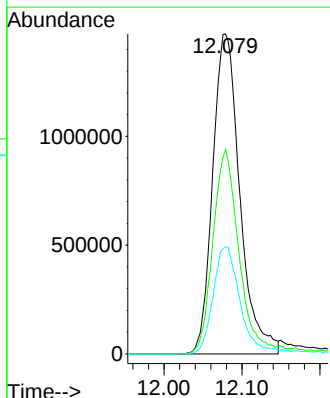
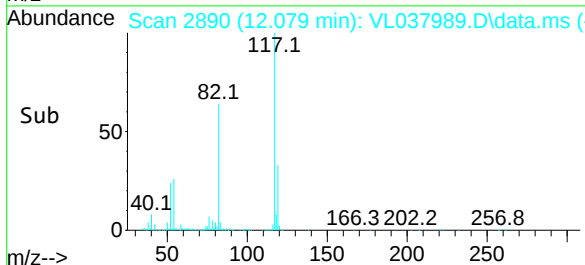
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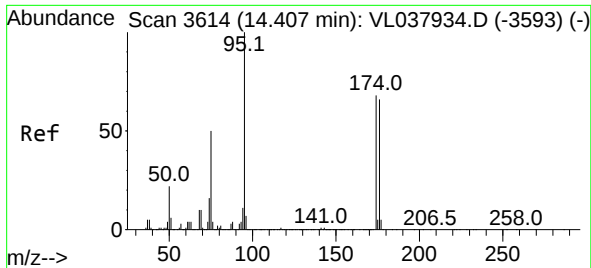


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL037989.D
Acq: 9 Nov 2021 21:26



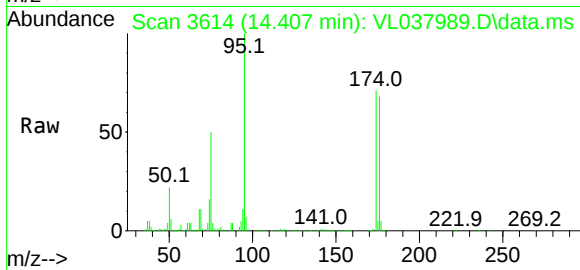
Tgt Ion:117 Resp: 3563228
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 34.2 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.121 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL037989.D
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Instrument :
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 ClientSampleId :
 C0U04DL



Tgt Ion: 95 Resp: 2362360

Ion	Ratio	Lower	Upper
95	100		
174	76.5	58.3	87.5
175	5.4	4.6	6.8

Manual Integrations
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