

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037983.D
 Acq On : 9 Nov 2021 17:28
 Operator : SY/AP
 Sample : M4555-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 COU01DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:48:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 04:48:49 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	1468623	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4233433	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3555030	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2378543	9.204	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.000%
Target Compounds						
4) Chloromethane	3.150	50	17648	0.170	ppbv	90
9) Propene	3.021	41	25370m	0.259	ppbv	
13) Ethanol	3.607	45	690410m	69.816	ppbv	
15) Acetone	3.861	43	182246m	1.502	ppbv	
19) Isopropyl Alcohol	3.980	45	46985m	0.605	ppbv	
20) Methylene Chloride	4.346	84	118149	1.773	ppbv #	88
26) Hexane	5.684	57	97353m	0.570	ppbv	
29) Chloroform	5.742	83	26866m	0.105	ppbv	

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

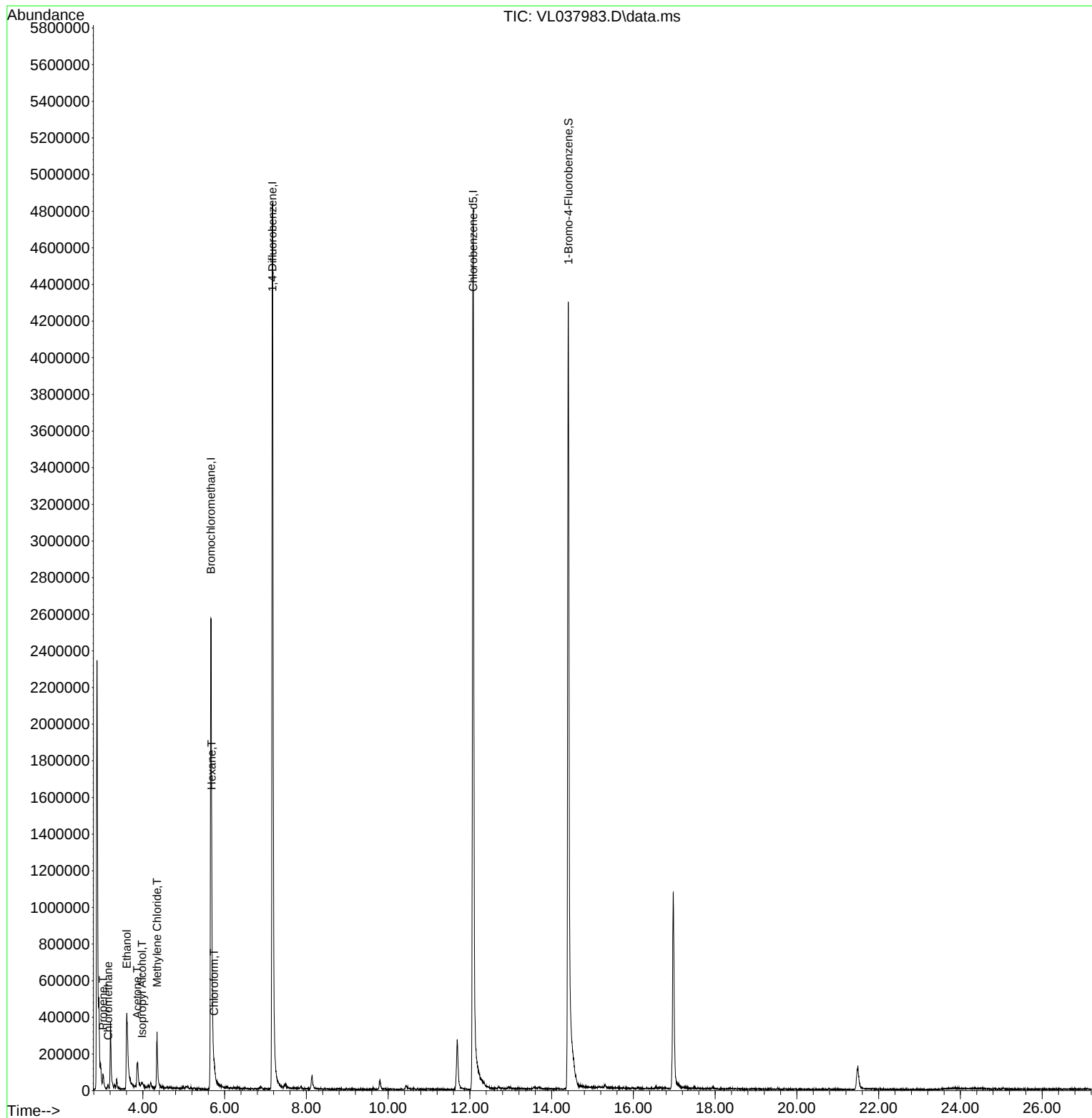
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037983.D
Acq On : 9 Nov 2021 17:28
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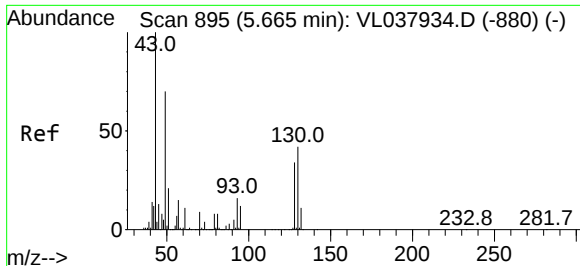
Instrument :
MSVOA_L
ClientSampleId :
C0U01DL

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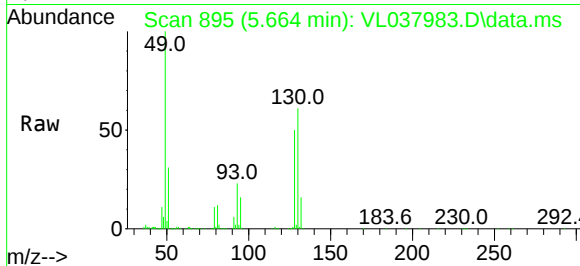
Quant Time: Nov 10 04:48:49 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

Instrument :
MSVOA_L
ClientSampleId :
COU01DL

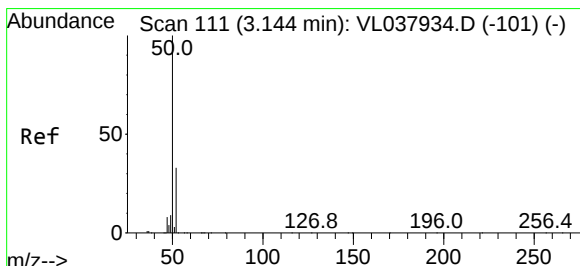
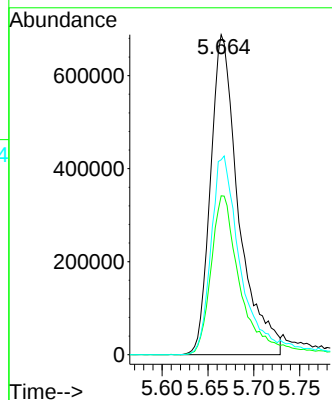
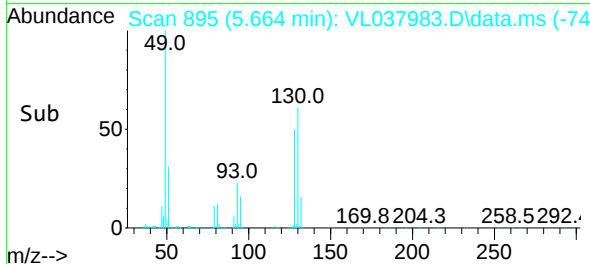


Tgt Ion: 49 Resp: 146862

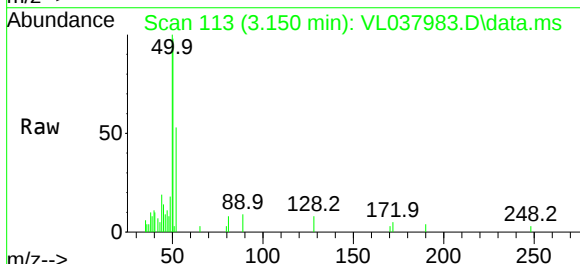
Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.0	81.0
130	68.7	33.4	100.2

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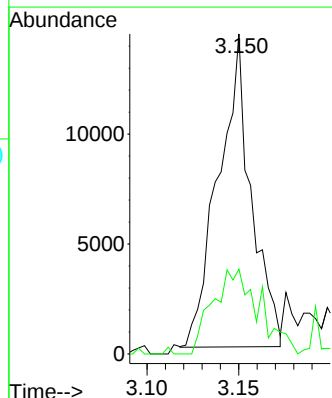
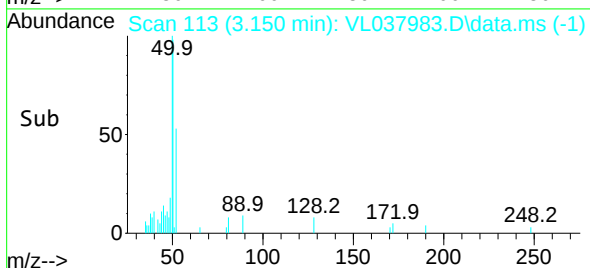


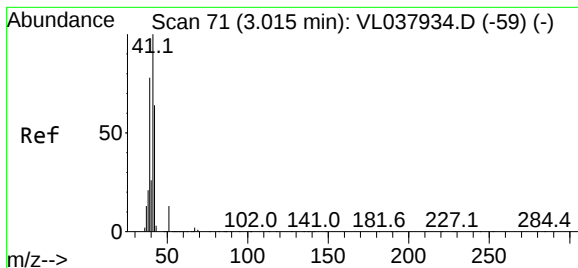
#4
Chloromethane
Concen: 0.170 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.006 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28



Tgt Ion: 50 Resp: 17648

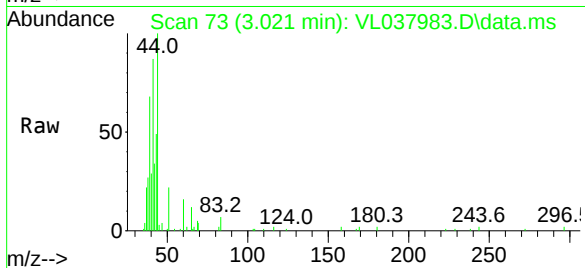
Ion	Ratio	Lower	Upper
50	100		
52	27.2	26.3	39.5





#9
 Propene
 Concen: 0.259 ppbv m
 RT: 3.021 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL037983.D
 Acq: 9 Nov 2021 17:28

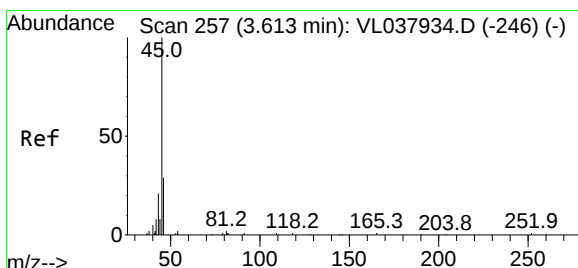
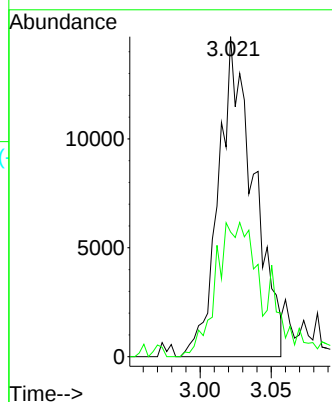
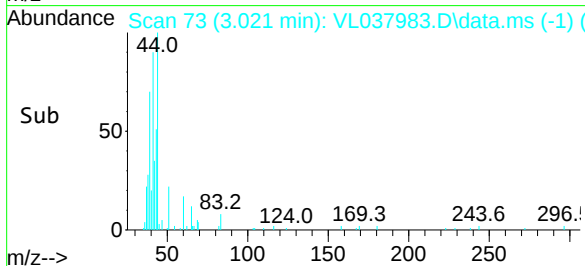
Instrument :
 MSVOA_L
 ClientSampleId :
 COU01DL



Tgt Ion: 41 Resp: 25370
 Ion Ratio Lower Upper
 41 100
 42 362.5 57.6 86.4

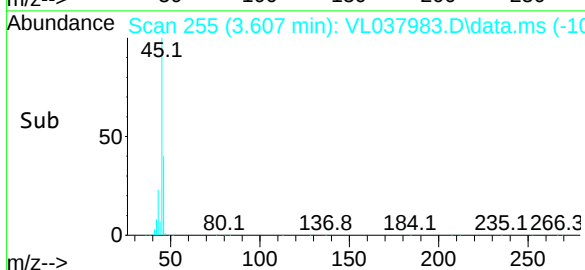
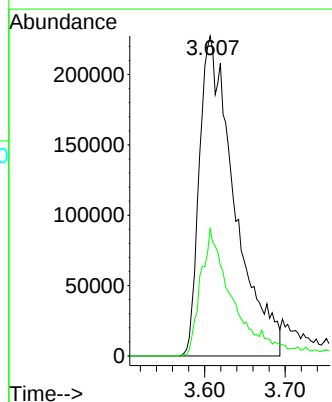
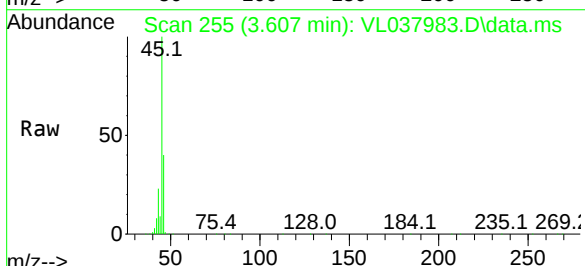
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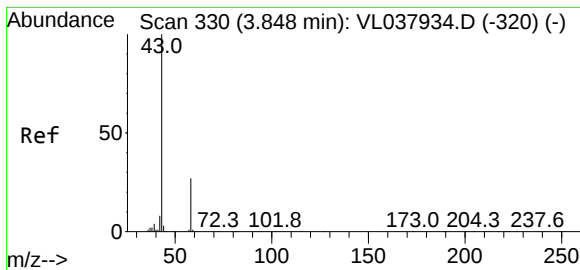
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#13
 Ethanol
 Concen: 69.816 ppbv m
 RT: 3.607 min Scan# 255
 Delta R.T. -0.007 min
 Lab File: VL037983.D
 Acq: 9 Nov 2021 17:28

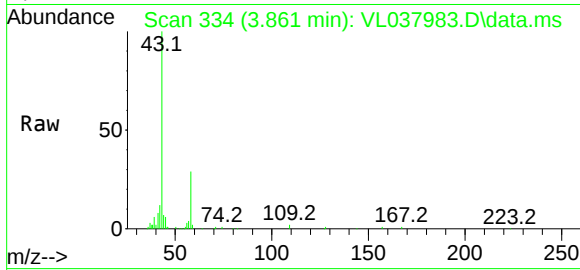
Tgt Ion: 45 Resp: 690410
 Ion Ratio Lower Upper
 45 100
 46 0.0 17.4 69.8





#15
Acetone
Concen: 1.502 ppbv m
RT: 3.861 min Scan# 311
Delta R.T. 0.013 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

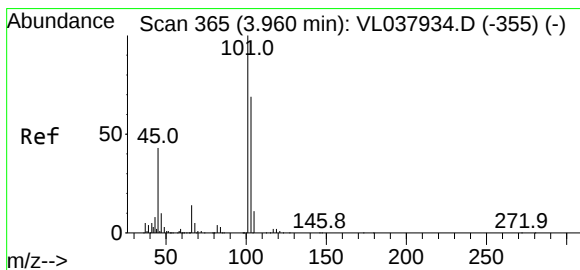
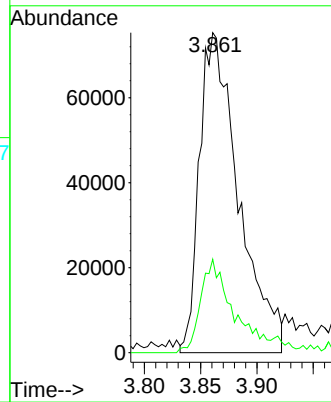
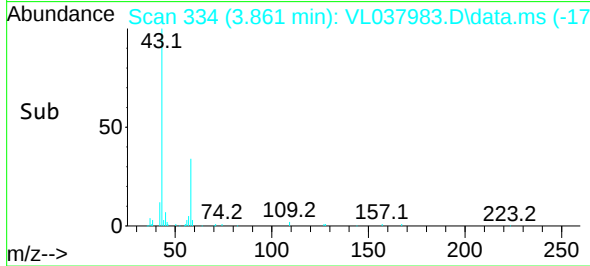
Instrument :
MSVOA_L
ClientSampleId :
COU01DL



Tgt Ion: 43 Resp: 182240
Ion Ratio Lower Upper
43 100
58 27.5 23.3 34.9

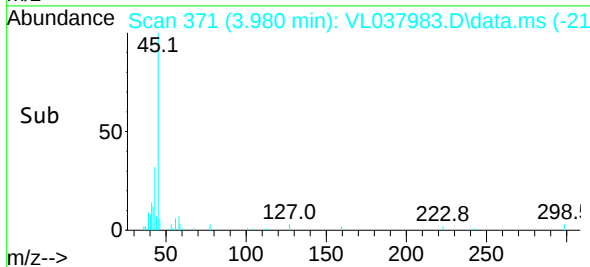
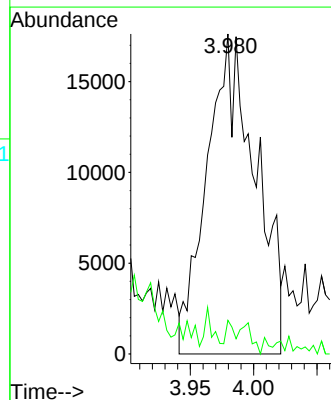
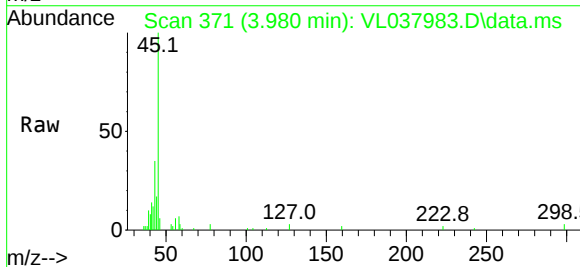
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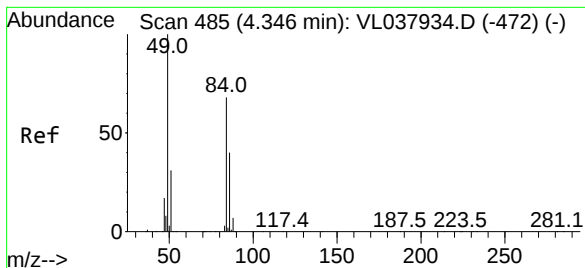
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#19
Isopropyl Alcohol
Concen: 0.605 ppbv m
RT: 3.980 min Scan# 371
Delta R.T. 0.019 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

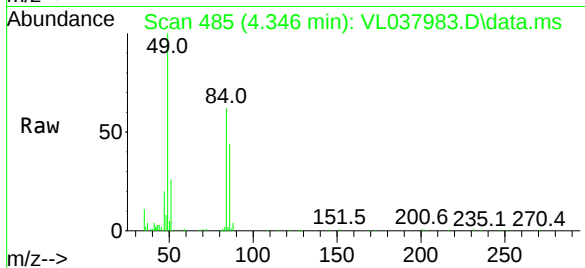
Tgt Ion: 45 Resp: 46985
Ion Ratio Lower Upper
45 100
58 11.3 4.0 6.0#





#20
Methylene Chloride
Concen: 1.773 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.000 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

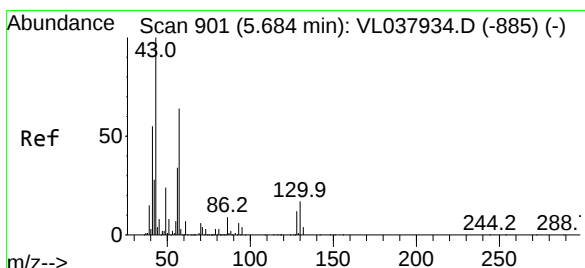
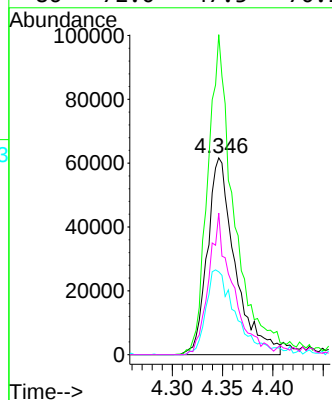
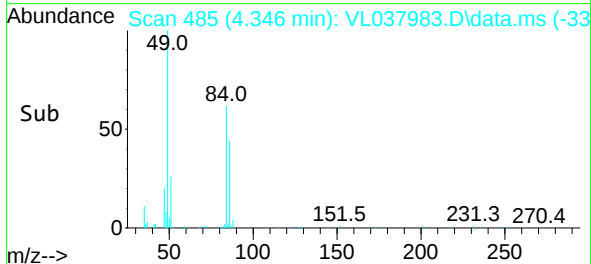
Instrument :
MSVOA_L
ClientSampleId :
COU01DL



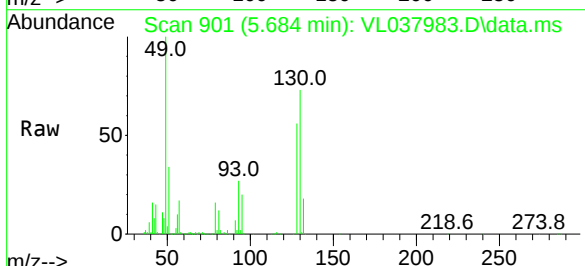
Tgt Ion: 84 Resp: 118149
Ion Ratio Lower Upper
84 100
49 162.2 117.5 176.3
51 42.1 35.9 53.9
86 72.0 47.3 70.9#

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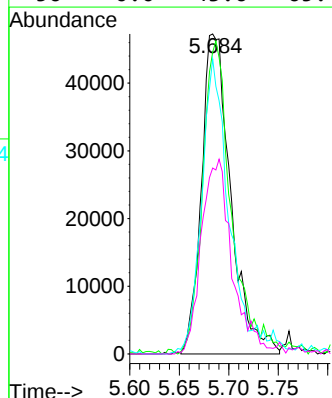
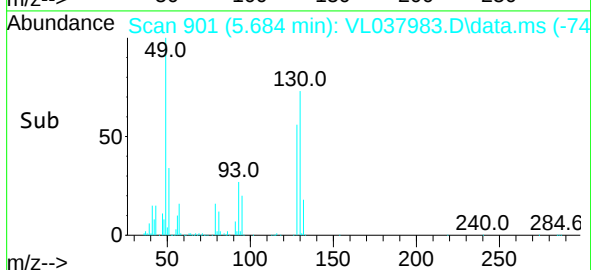
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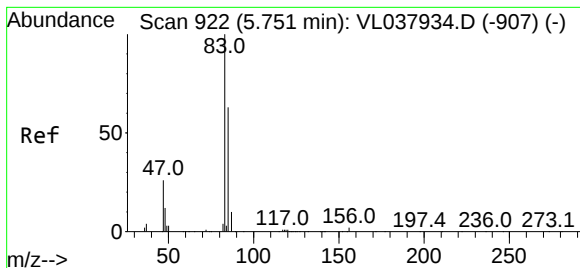


#26
Hexane
Concen: 0.570 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28



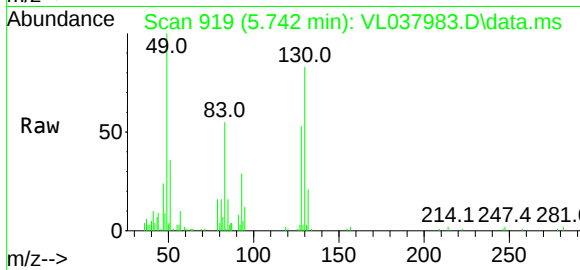
Tgt Ion: 57 Resp: 97353
Ion Ratio Lower Upper
57 100
41 0.0 71.0 106.6#
43 91.0 173.0 259.6#
56 0.0 43.6 65.4#





#29
Chloroform
Concen: 0.105 ppbv m
RT: 5.742 min Scan# 919
Delta R.T. -0.010 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

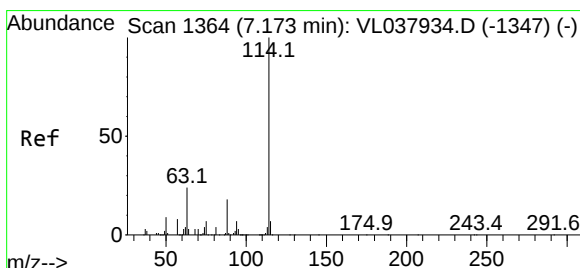
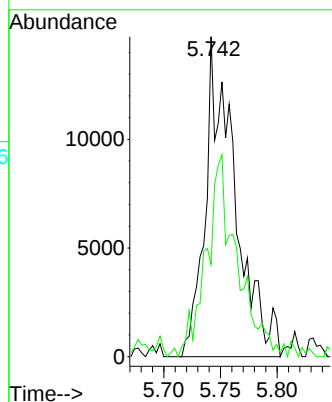
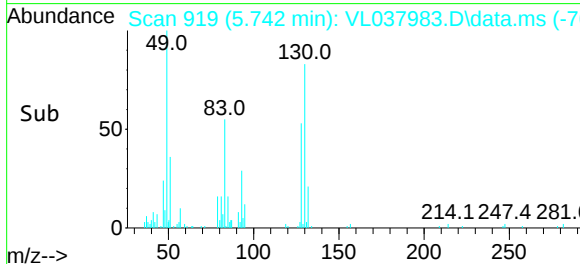
Instrument :
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ClientSampleId :
COU01DL



Tgt Ion: 83 Resp: 26860
Ion Ratio Lower Upper
83 100
85 28.8 50.6 76.0

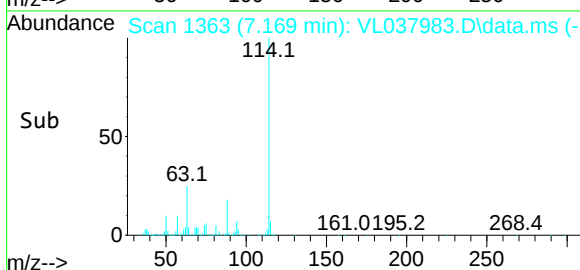
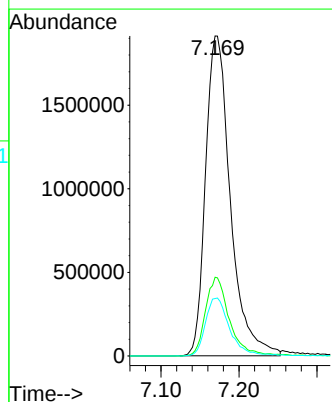
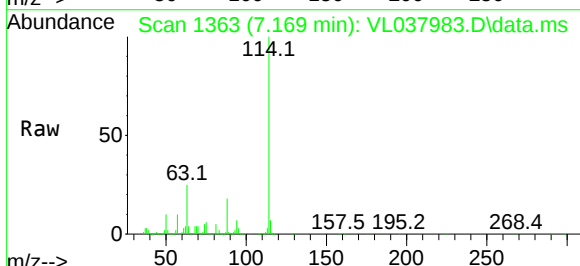
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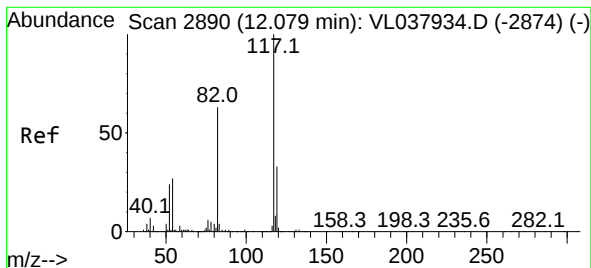
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL037983.D
Acq: 9 Nov 2021 17:28

Tgt Ion:114 Resp: 4233433
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.9 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VL037983.D

Acq: 9 Nov 2021 17:28

Instrument :

MSVOA_L

ClientSampleId :

COU01DL

Tgt Ion: 117 Resp: 3555030

Ion Ratio Lower Upper

117 100

82 65.3 51.0 76.6

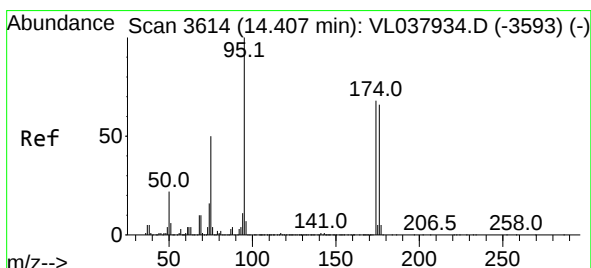
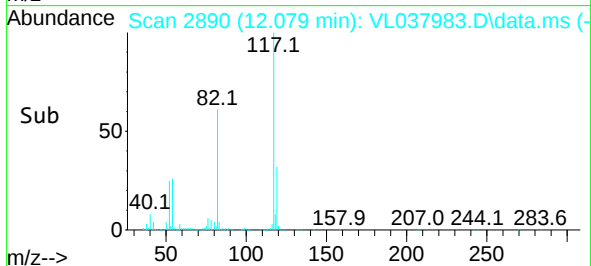
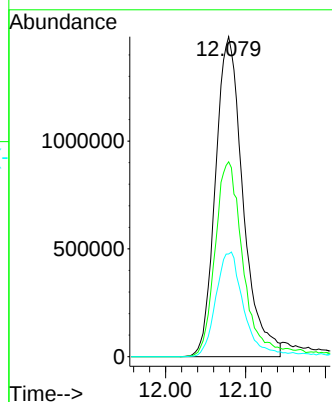
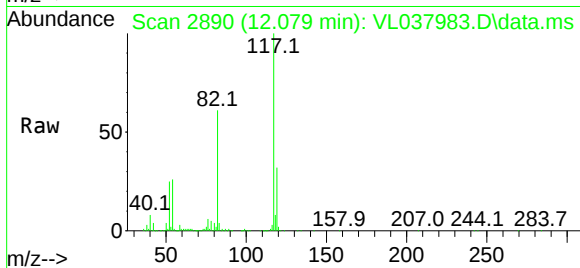
119 35.0 26.9 40.3

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.204 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. 0.003 min

Lab File: VL037983.D

Acq: 9 Nov 2021 17:28

Tgt Ion: 95 Resp: 2378543

Ion Ratio Lower Upper

95 100

174 77.4 58.3 87.5

175 6.0 4.6 6.8

