

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037985.D
 Acq On : 9 Nov 2021 18:47
 Operator : SY/AP
 Sample : M4555-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 COU02DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:49:21 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 04:49:21 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	1448970	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	4193838	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3570656	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2412199	9.294	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
9) Propene	3.028	41	17975m	0.186	ppbv	Qvalue
13) Ethanol	3.619	45	109533m	11.227	ppbv	
15) Acetone	3.870	43	89227m	0.745	ppbv	
19) Isopropyl Alcohol	3.992	45	9815m	0.128	ppbv	
20) Methylene Chloride	4.349	84	42660	0.649	ppbv #	92
26) Hexane	5.684	57	19769m	0.117	ppbv	

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

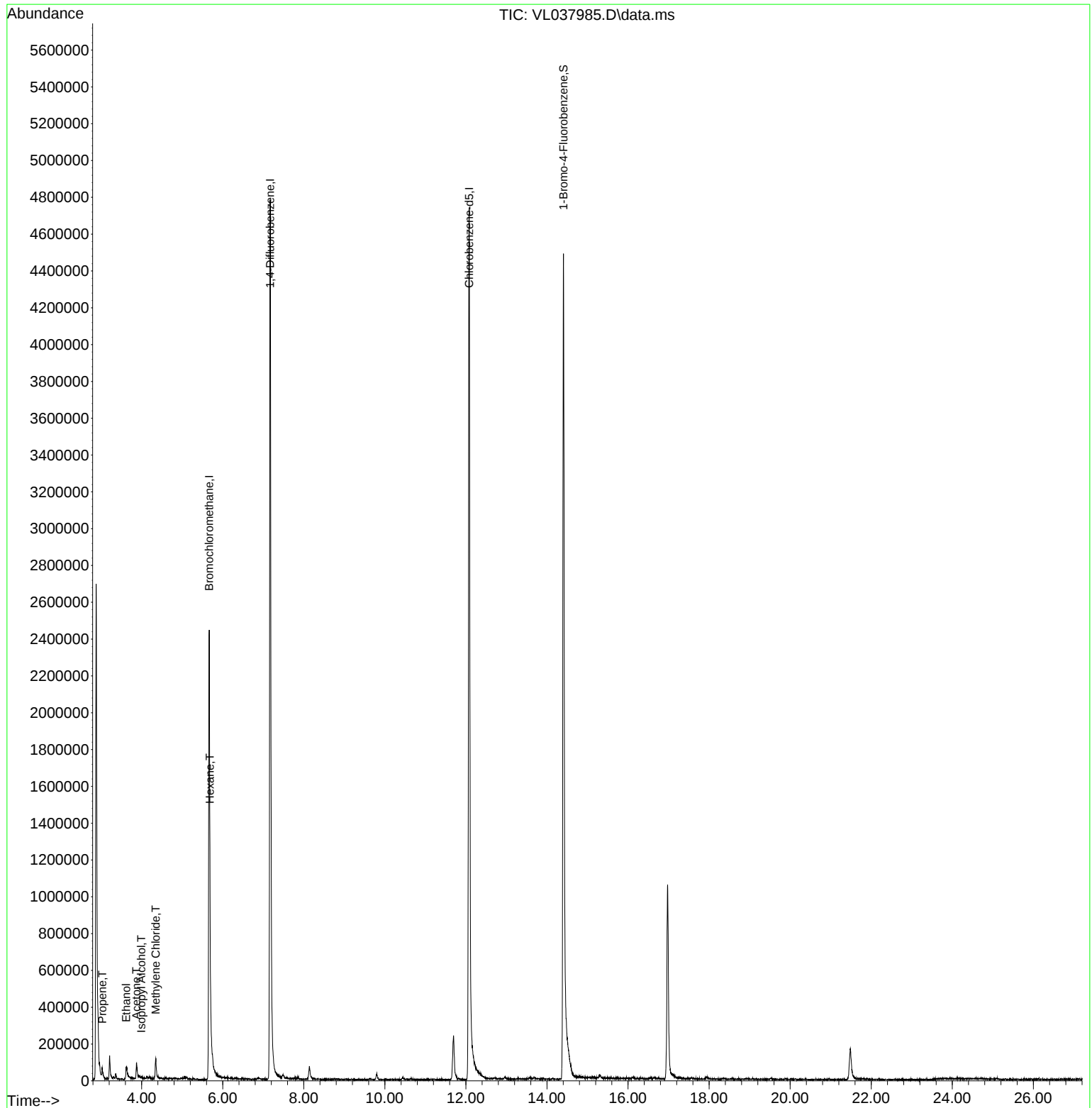
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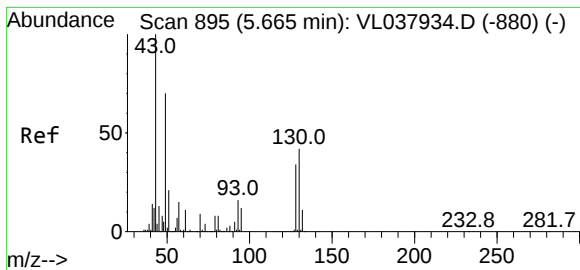
Instrument :
MSVOA_L
ClientSampleId :
C0U02DL

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
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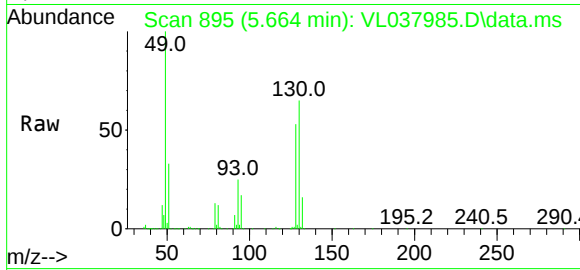
Reviewed By : Semsettin Yesilyurt 11/15/2021
Supervised By : Mahesh Dadoda 11/17/2021





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL037985.D
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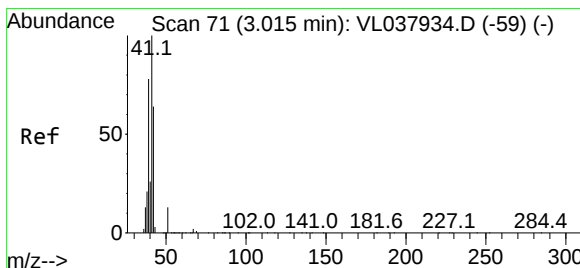
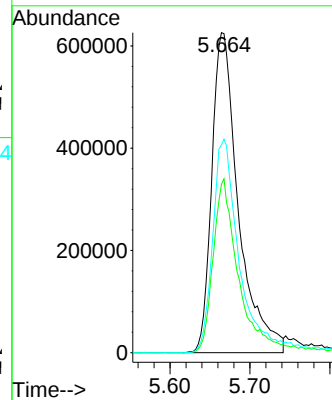
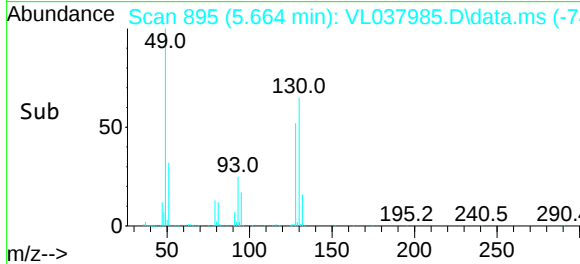
Instrument :
MSVOA_L
ClientSampleId :
C0U02DL



Tgt Ion: 49 Resp: 1448970
Ion Ratio Lower Upper
49 100
128 54.3 27.0 81.0
130 69.4 33.4 100.2

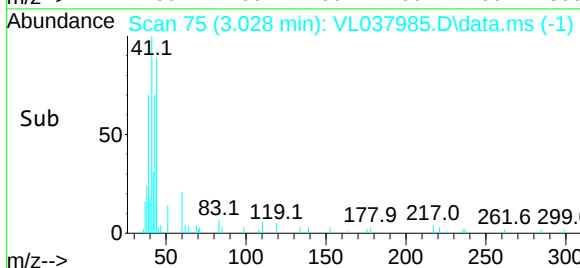
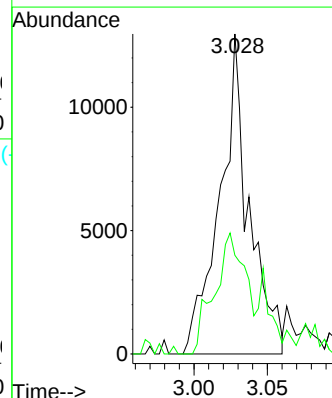
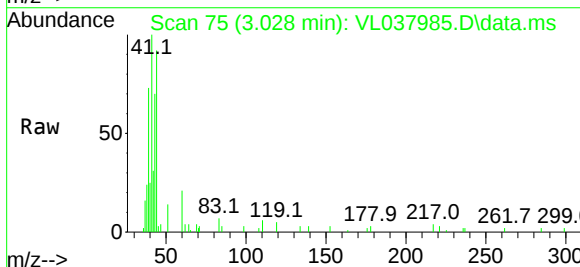
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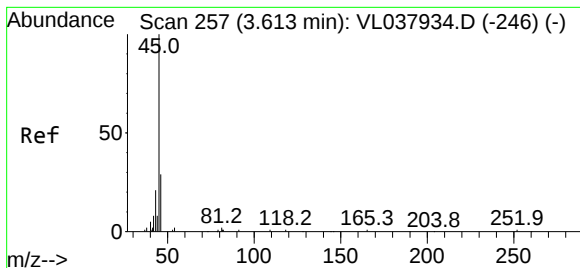
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#9
Propene
Concen: 0.186 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.013 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

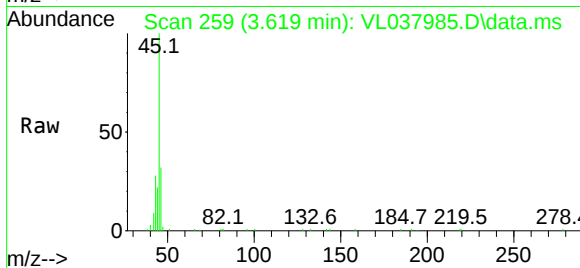
Tgt Ion: 41 Resp: 17975
Ion Ratio Lower Upper
41 100
42 195.5 57.6 86.4#





#13
Ethanol
Concen: 11.227 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

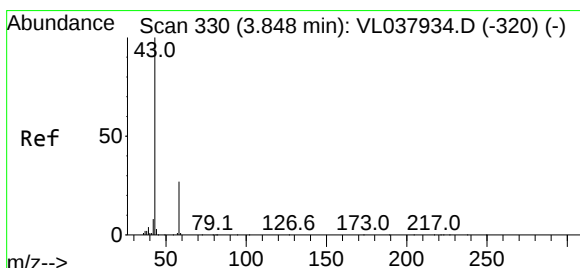
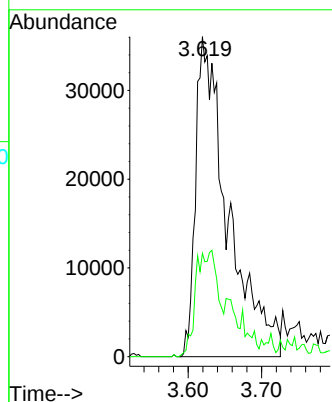
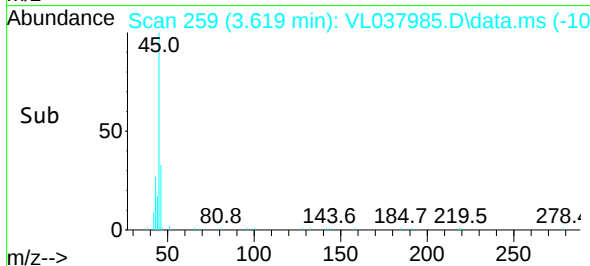
Instrument :
MSVOA_L
ClientSampleId :
C0U02DL



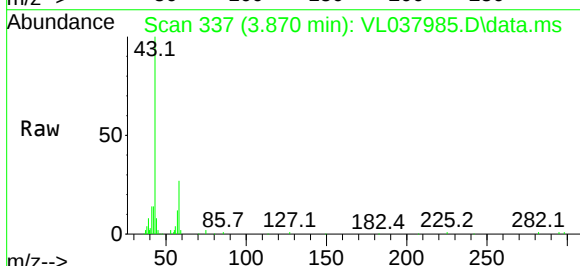
Tgt Ion: 45 Resp: 10953
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

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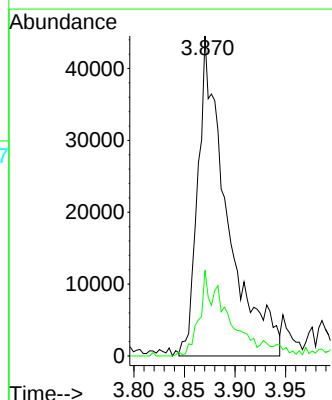
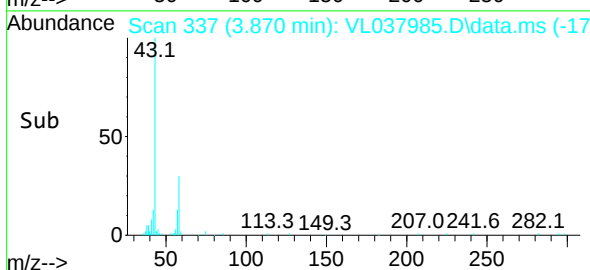
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Supervised By :Mahesh Dadoda 11/17/2021

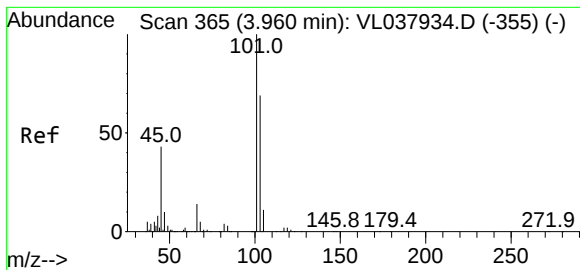


#15
Acetone
Concen: 0.745 ppbv m
RT: 3.870 min Scan# 337
Delta R.T. 0.022 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47



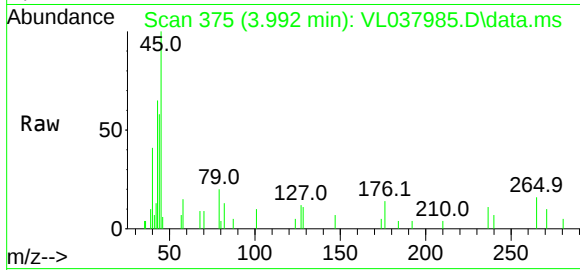
Tgt Ion: 43 Resp: 89227
Ion Ratio Lower Upper
43 100
58 27.4 23.3 34.9





#19
Isopropyl Alcohol
Concen: 0.128 ppbv m
RT: 3.992 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

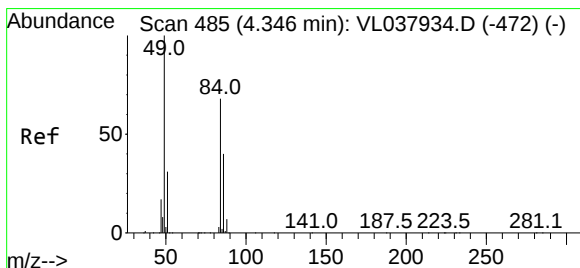
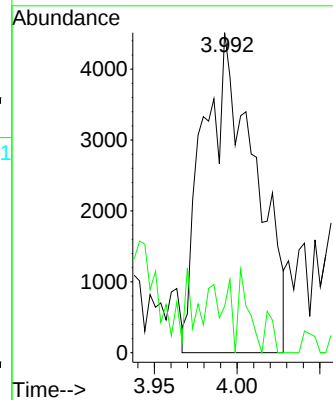
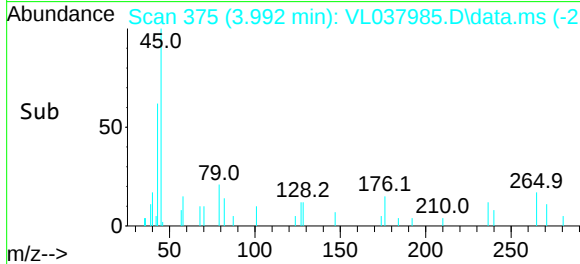
Instrument :
MSVOA_L
ClientSampleId :
COU02DL



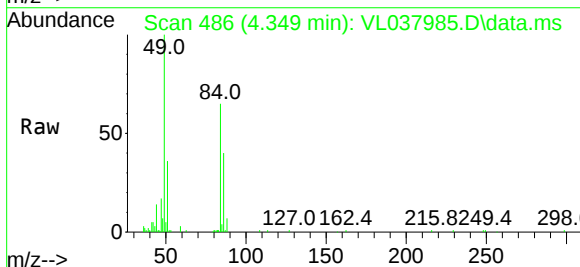
Tgt Ion: 45 Resp: 9815
Ion Ratio Lower Upper
45 100
58 0.0 4.0 6.0

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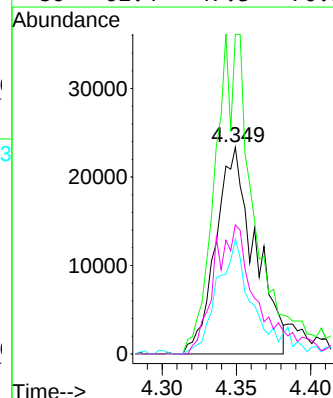
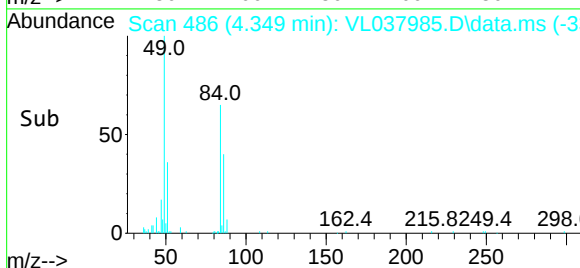
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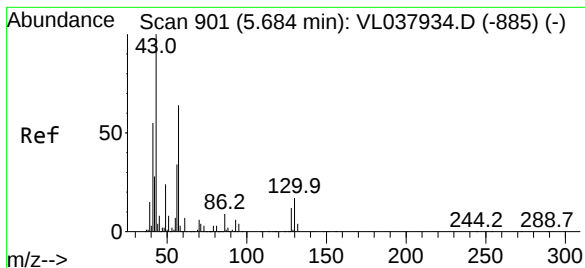


#20
Methylene Chloride
Concen: 0.649 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47



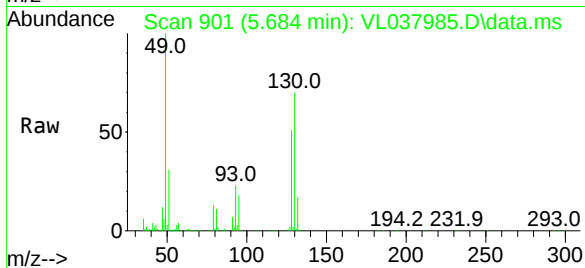
Tgt Ion: 84 Resp: 42660
Ion Ratio Lower Upper
84 100
49 154.6 117.5 176.3
51 55.6 35.9 53.9#
86 62.4 47.3 70.9





#26
Hexane
Concen: 0.117 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

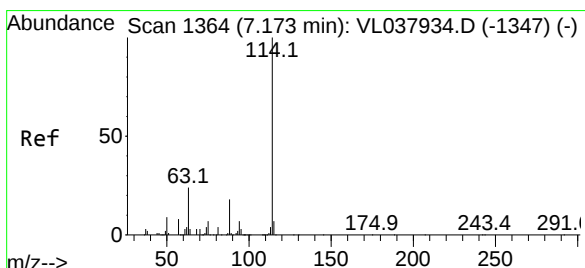
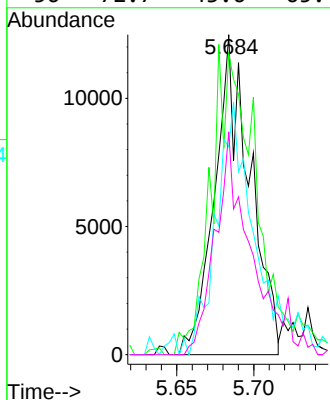
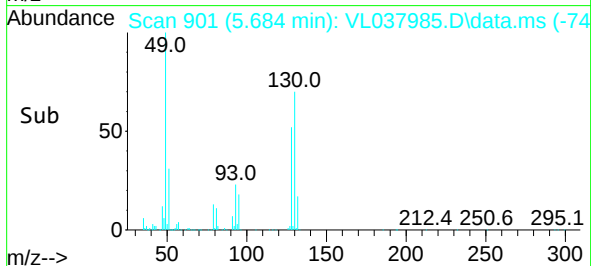
Instrument :
MSVOA_L
ClientSampleId :
COU02DL



Tgt Ion: 57 Resp: 19769
Ion Ratio Lower Upper
57 100
41 126.9 71.0 106.6
43 0.0 173.0 259.6
56 72.7 43.6 65.4#

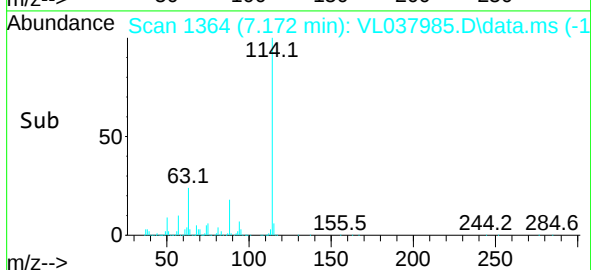
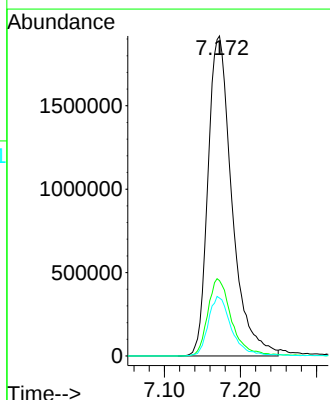
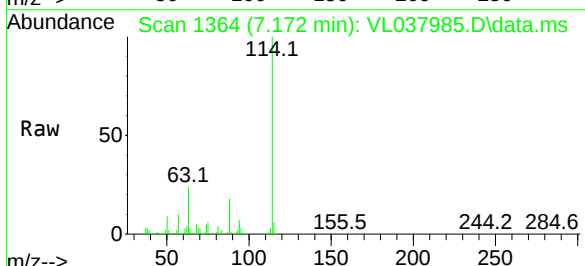
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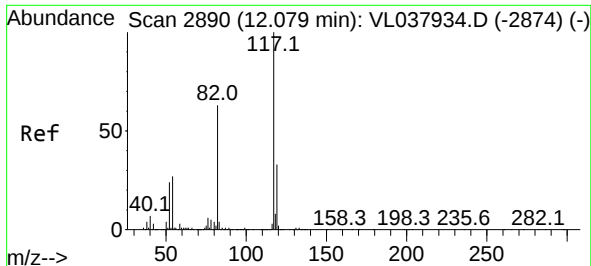
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Supervised By :Mahesh Dadoda 11/17/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

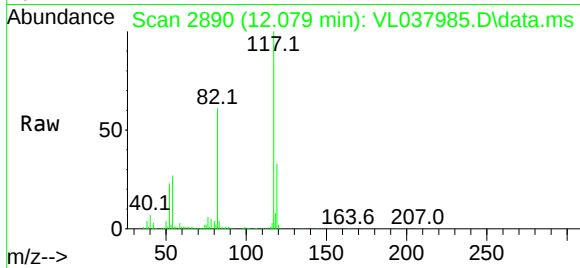
Tgt Ion:114 Resp: 4193838
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 18.1 14.2 21.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47

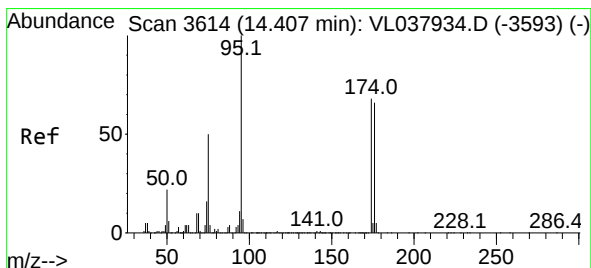
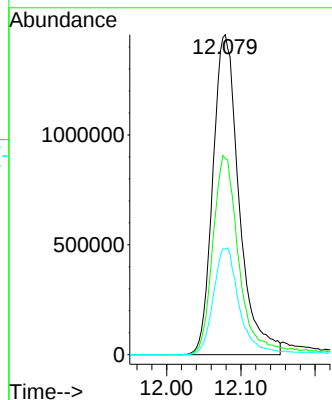
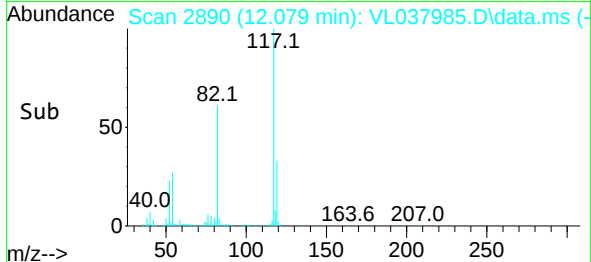
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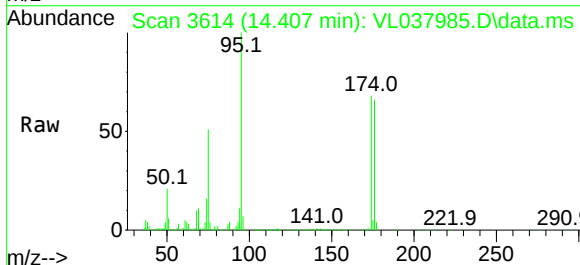
Tgt Ion: 117 Resp: 3570650
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 35.0 26.9 40.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.294 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.000 min
Lab File: VL037985.D
Acq: 9 Nov 2021 18:47



Tgt Ion: 95 Resp: 2412199
Ion Ratio Lower Upper
95 100
174 76.4 58.3 87.5
175 5.5 4.6 6.8

