

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037993.D
 Acq On : 10 Nov 2021 00:04
 Operator : SY/AP
 Sample : M4555-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 COU06DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:50:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 09 04:50:57 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	5.668	49	1445517	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	4097736	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3485860	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2400064	9.472	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
9) Propene	3.028	41	18704m	0.194	ppbv	89
13) Ethanol	3.607	45	396443m	40.730	ppbv	
15) Acetone	3.861	43	143432	1.201	ppbv	
17) tert-Butyl alcohol	4.314	59	25165m	0.203	ppbv	88
19) Isopropyl Alcohol	3.973	45	198437m	2.598	ppbv	
20) Methylene Chloride	4.343	84	116673	1.779	ppbv	
26) Hexane	5.684	57	83646m	0.498	ppbv	

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

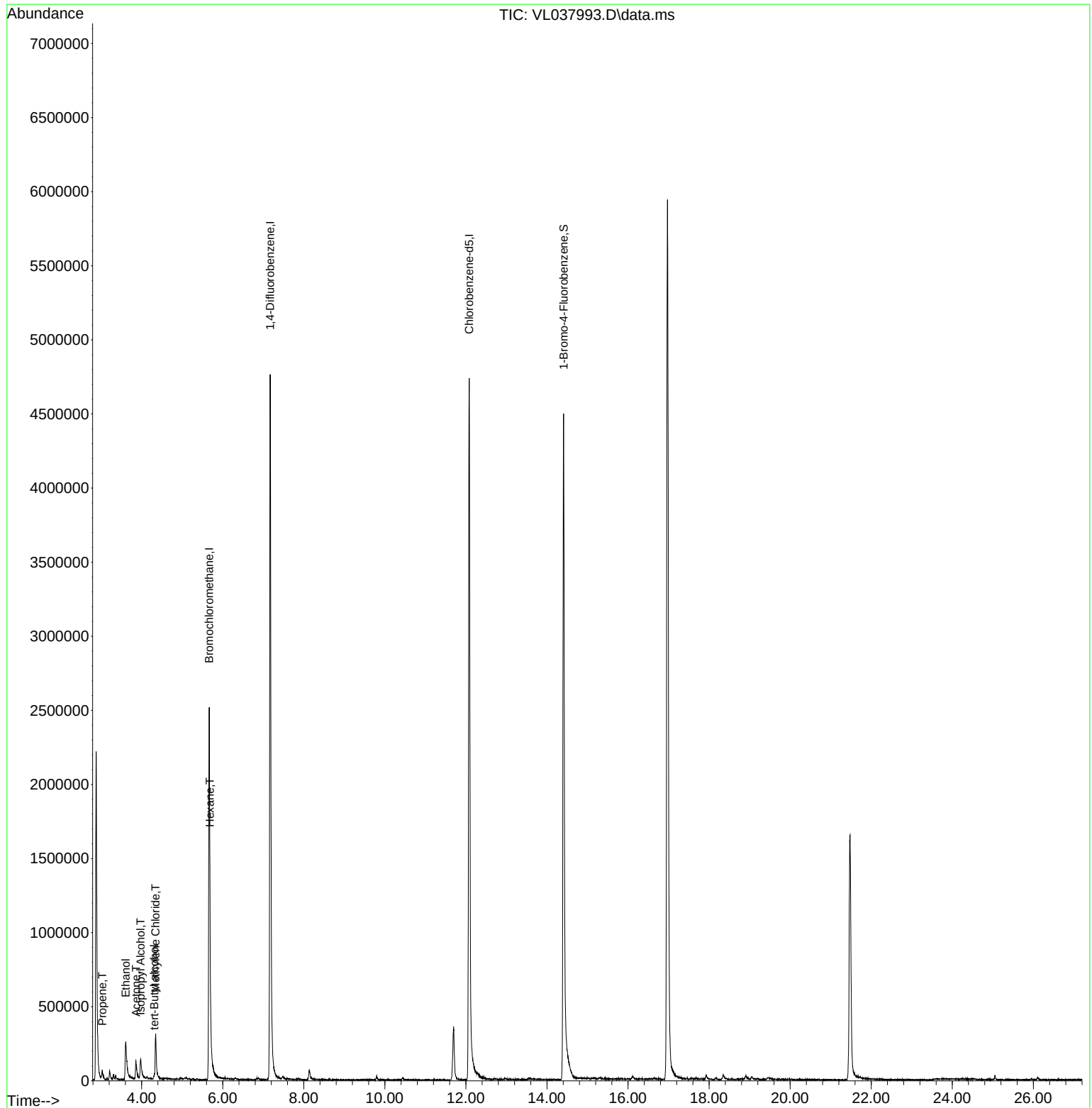
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037993.D
Acq On : 10 Nov 2021 00:04
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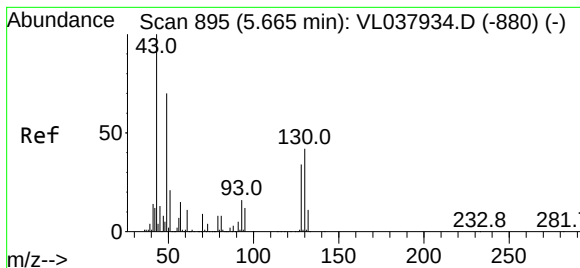
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL

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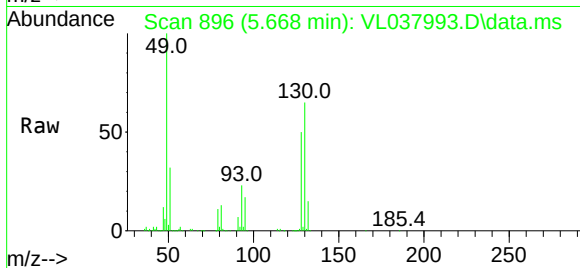
Quant Time: Nov 10 04:50:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

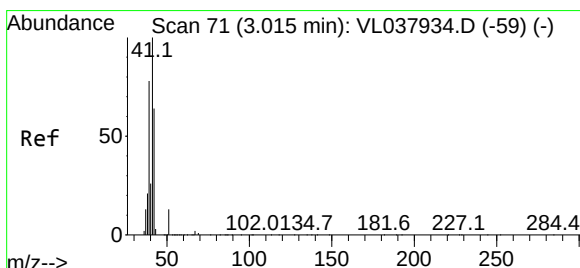
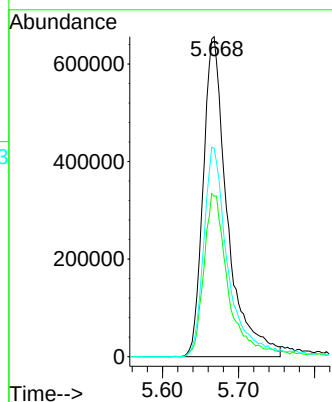
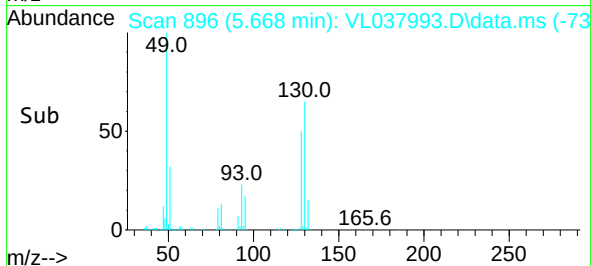
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL



Tgt Ion: 49 Resp: 144551
Ion Ratio Lower Upper
49 100
128 53.0 27.0 81.0
130 67.8 33.4 100.2

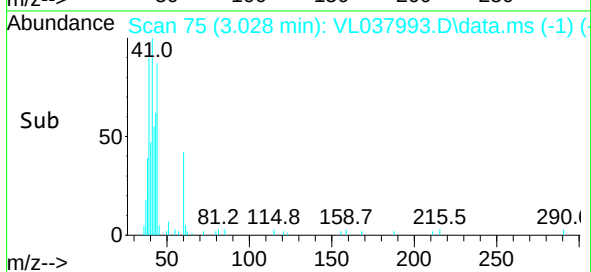
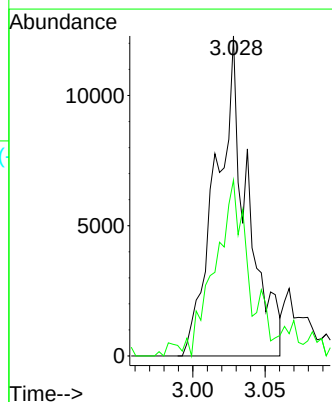
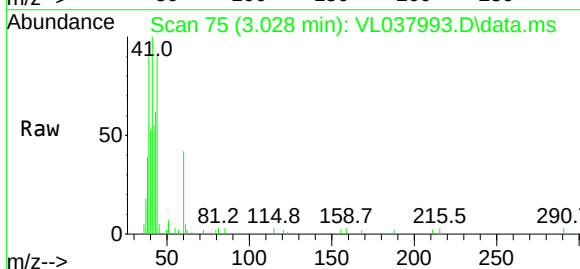
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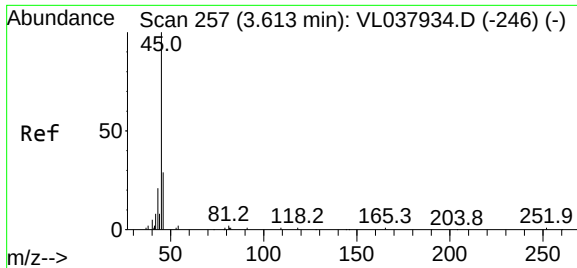
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#9
Propene
Concen: 0.194 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.013 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

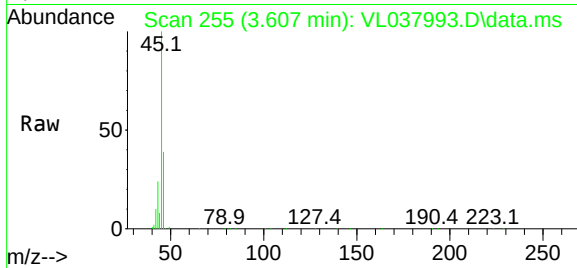
Tgt Ion: 41 Resp: 18704
Ion Ratio Lower Upper
41 100
42 23.9 57.6 86.4#





#13
Ethanol
Concen: 40.730 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

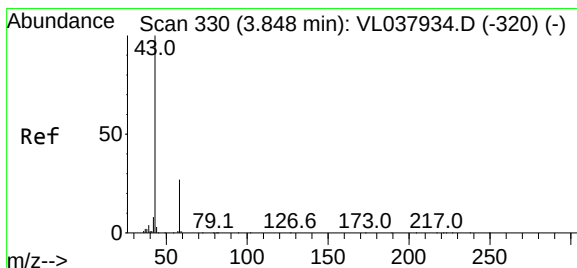
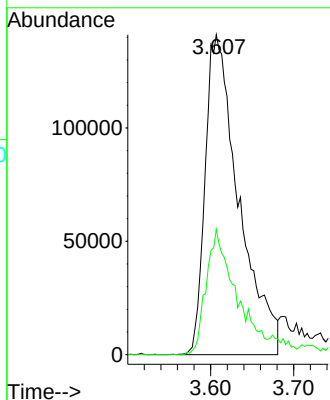
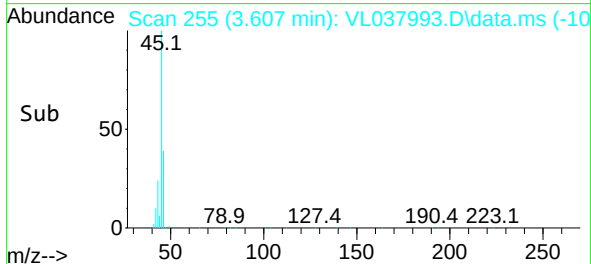
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL



Tgt Ion: 45 Resp: 39644
Ion Ratio Lower Upper
45 100
46 39.2 17.4 69.8

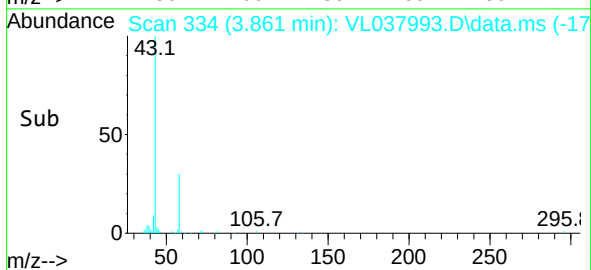
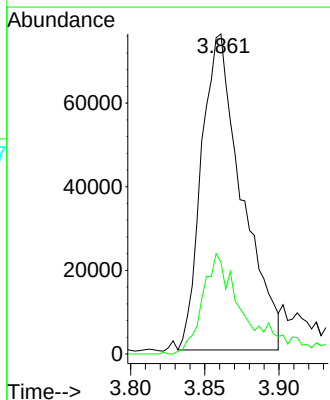
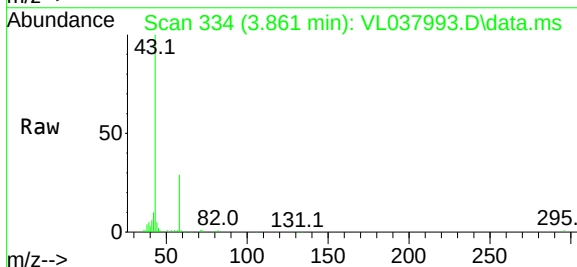
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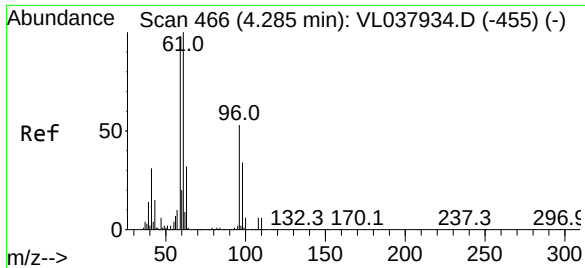
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Supervised By :Mahesh Dadoda 11/17/2021



#15
Acetone
Concen: 1.201 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.013 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

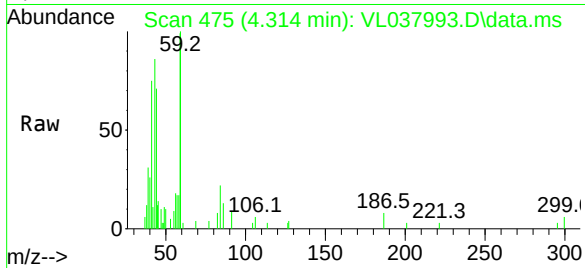
Tgt Ion: 43 Resp: 143432
Ion Ratio Lower Upper
43 100
58 34.9 23.3 34.9





#17
tert-Butyl alcohol
Concen: 0.203 ppbv m
RT: 4.314 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

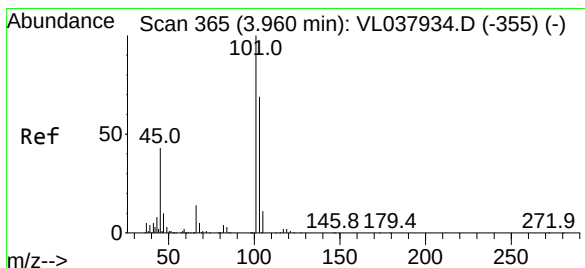
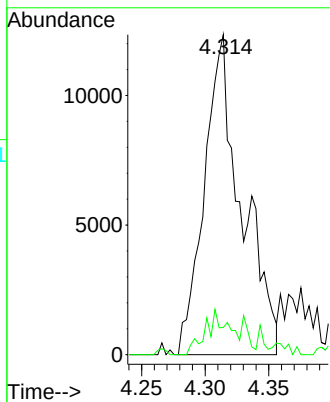
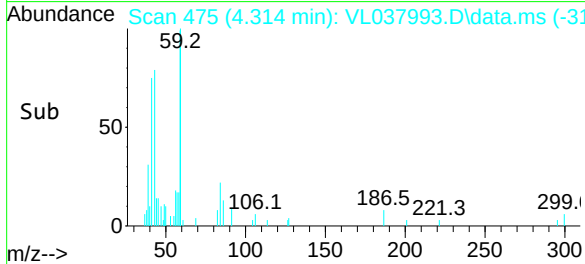
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL



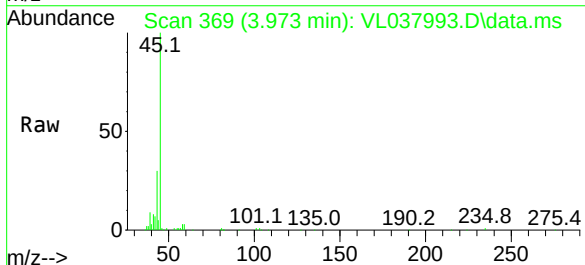
Tgt Ion: 59 Resp: 2516
Ion Ratio Lower Upper
59 100
57 11.4 8.9 13.3

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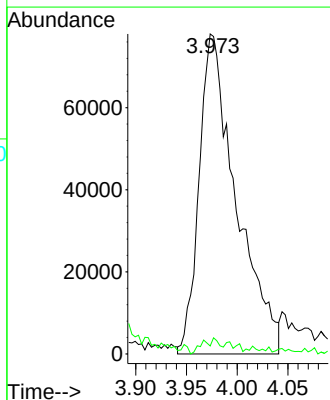
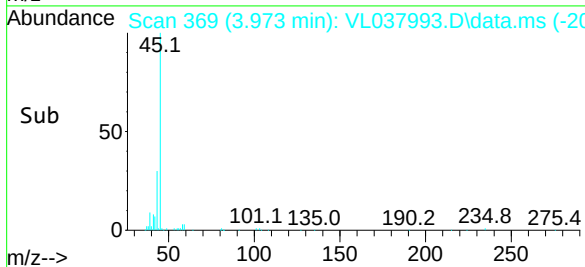
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

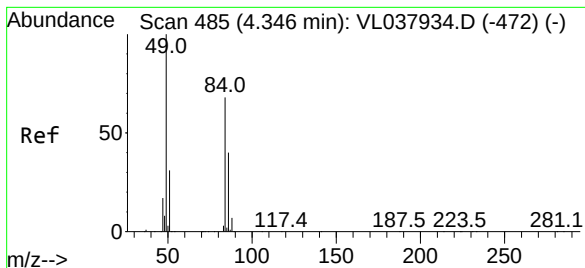


#19
Isopropyl Alcohol
Concen: 2.598 ppbv m
RT: 3.973 min Scan# 369
Delta R.T. 0.013 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04



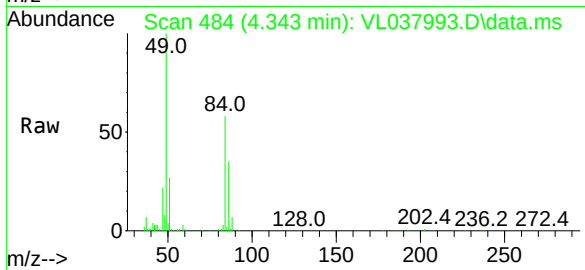
Tgt Ion: 45 Resp: 198437
Ion Ratio Lower Upper
45 100
58 4.0 4.0 6.0





#20
Methylene Chloride
Concen: 1.779 ppbv
RT: 4.343 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

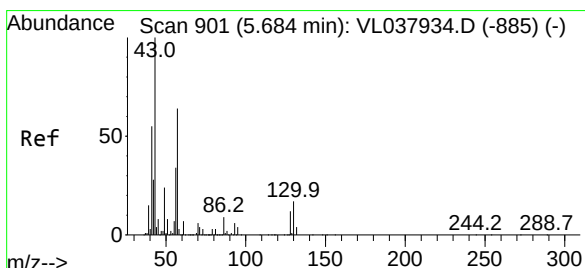
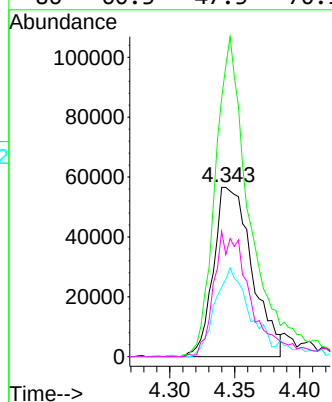
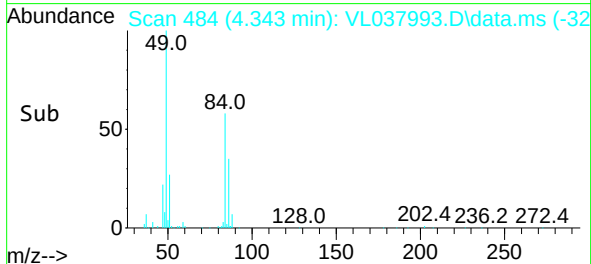
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL



Tgt Ion: 84 Resp: 11667
Ion Ratio Lower Upper
84 100
49 171.8 117.5 176.3
51 45.7 35.9 53.9
86 60.3 47.3 70.9

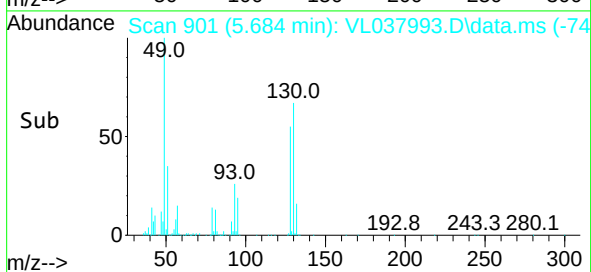
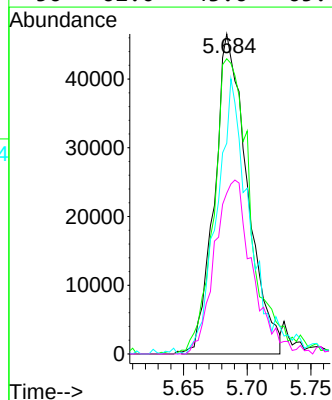
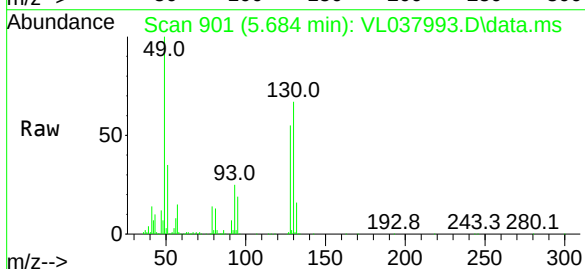
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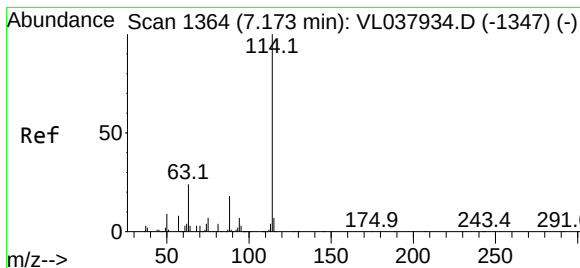
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 0.498 ppbv m
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

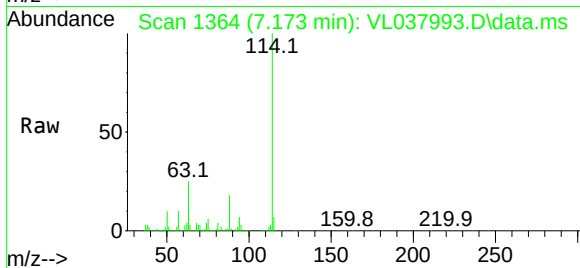
Tgt Ion: 57 Resp: 83646
Ion Ratio Lower Upper
57 100
41 105.2 71.0 106.6
43 89.0 173.0 259.6#
56 62.0 43.6 65.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04

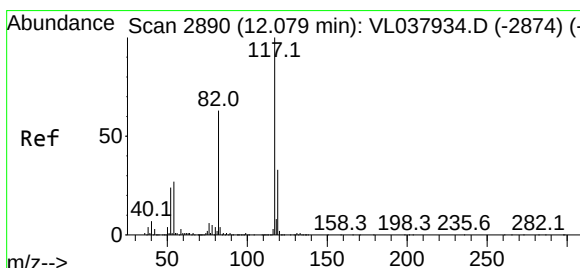
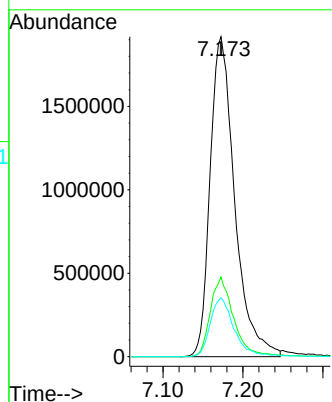
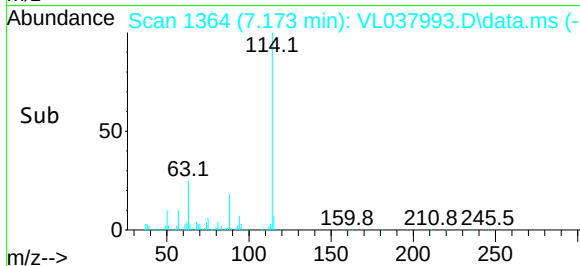
Instrument :
MSVOA_L
ClientSampleId :
C0U06DL



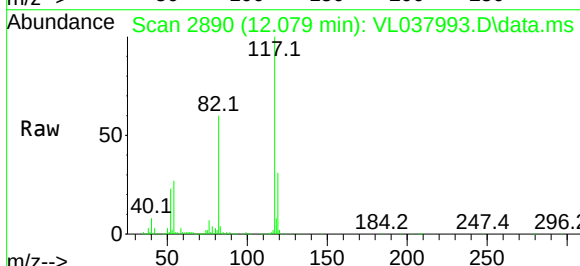
Tgt Ion:114 Resp: 4097730
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 18.0 14.2 21.4

Manual Integrations
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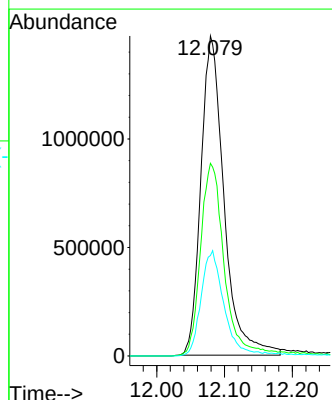
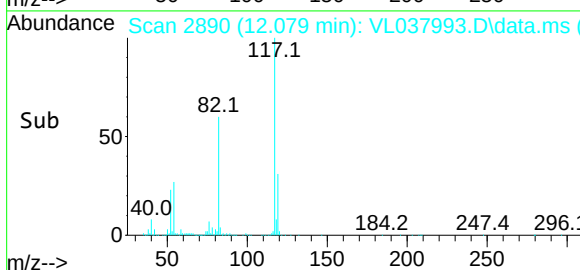
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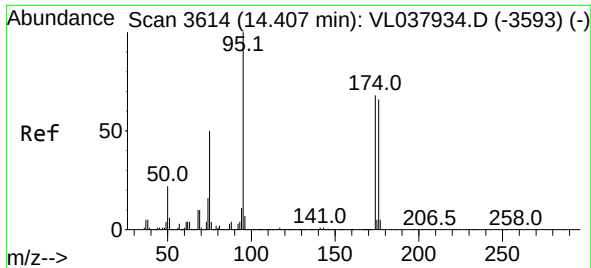


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VL037993.D
Acq: 10 Nov 2021 00:04



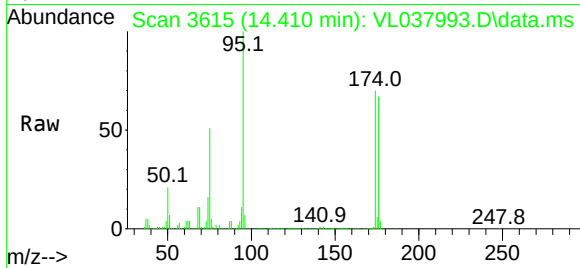
Tgt Ion:117 Resp: 3485860
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 33.9 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.472 ppbv
 RT: 14.410 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL037993.D
 Acq: 10 Nov 2021 00:04

Instrument :
 MSVOA_L
 ClientSampleId :
 C0U06DL



Tgt Ion: 95 Resp: 2400064
 Ion Ratio Lower Upper
 95 100
 174 73.8 58.3 87.5
 175 5.3 4.6 6.8

Manual Integrations
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