

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037833.D
 Acq On : 12 Oct 2021 17:15
 Operator : SY/AP
 Sample : M4079-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 C0P47DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 01:49:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1374448	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3900658	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3394684	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2344235	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds

					Ovalue
9) Propene	3.02	41	19203m	0.198	ppbv
13) Ethanol	3.62	45	11560	1.455	ppbv 97
15) Acetone	3.86	43	124870	1.012	ppbv # 79
20) Methylene Chloride	4.34	84	69402	1.113	ppbv 92
26) Hexane	5.68	57	47873	0.281	ppbv # 49
29) Chloroform	5.75	83	25957	0.107	ppbv 90
34) 2-Butanone	5.27	43	31982m	0.203	ppbv
52) Tetrachloroethene	11.21	164	230427	1.778	ppbv 98
59) m/p-Xylene	12.96	91	65776m	0.168	ppbv

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

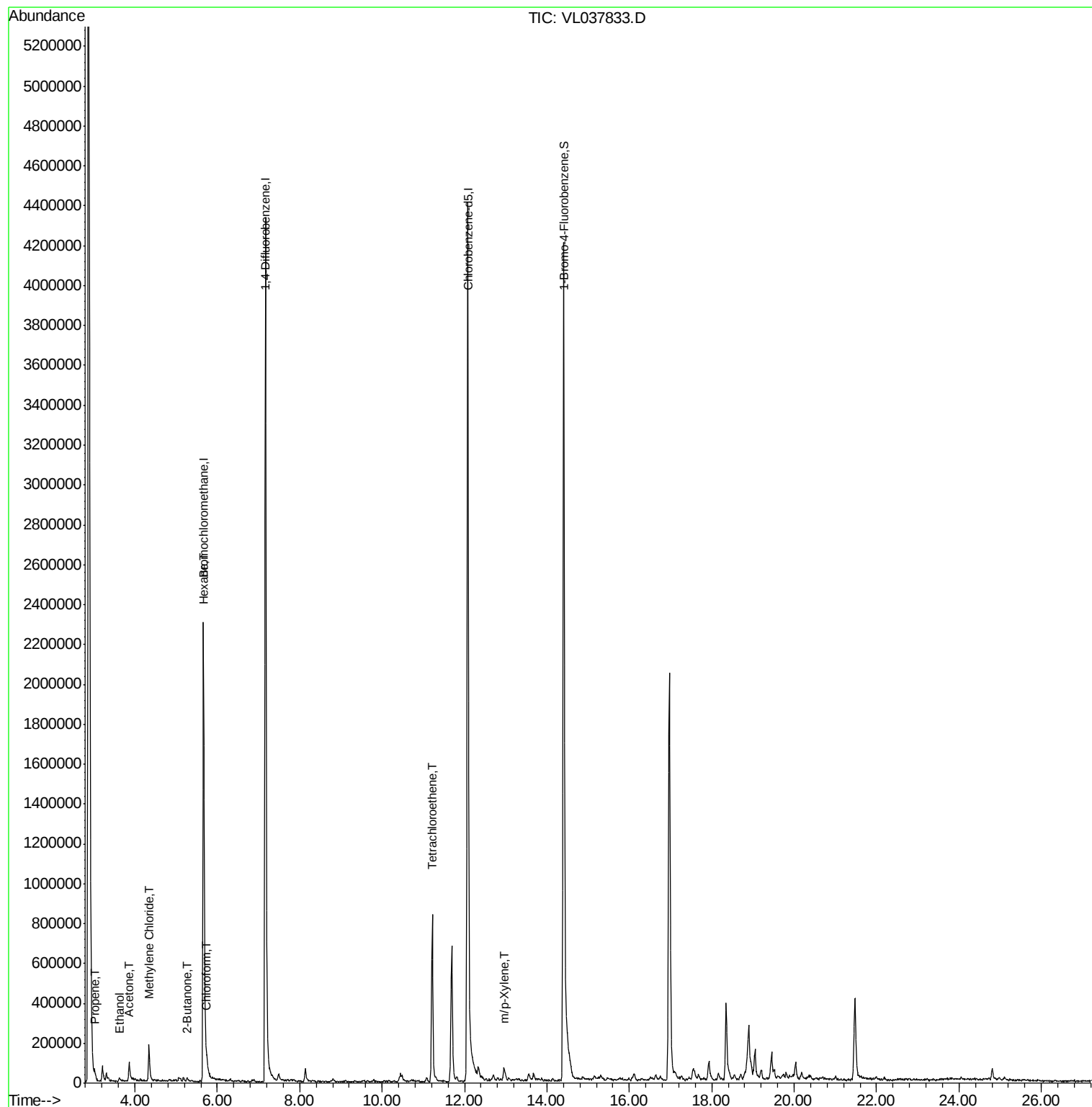
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
Data File : VL037833.D
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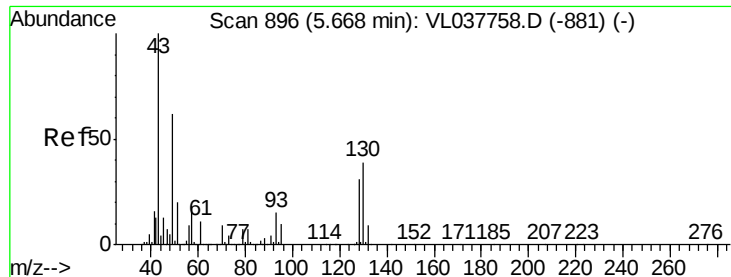
Instrument :
MSVOA_L
ClientSampleId :
C0P47DL

Manual Integrations
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Quant Time: Oct 14 01:49:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 17:15

Tot Ion:

Ion Ratio

49 100

128 51.

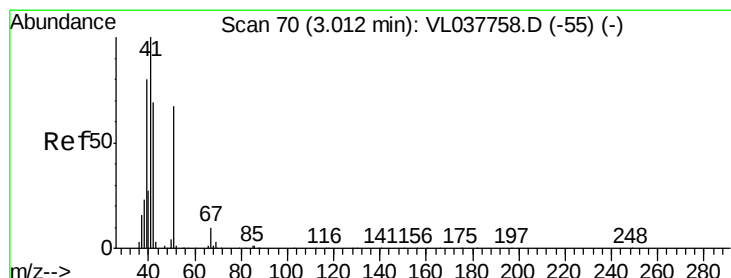
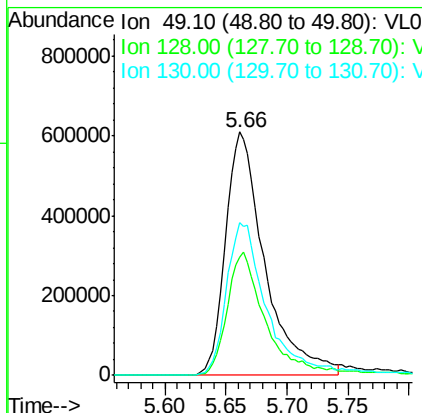
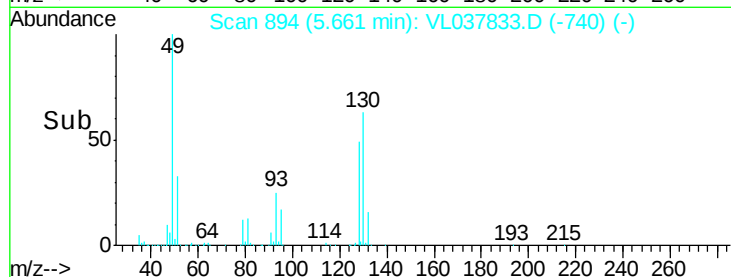
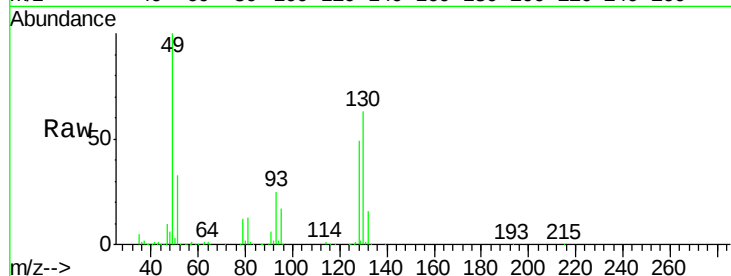
130 67.

Manual Integrations

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#9

Propene

Concen: 0.198 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037833.D

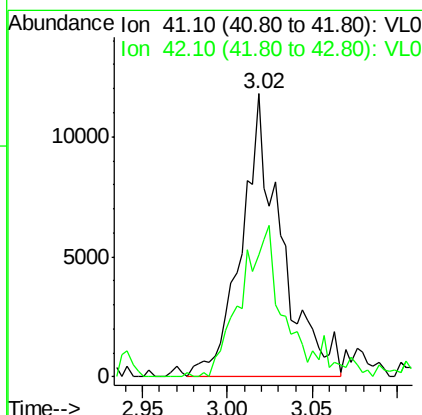
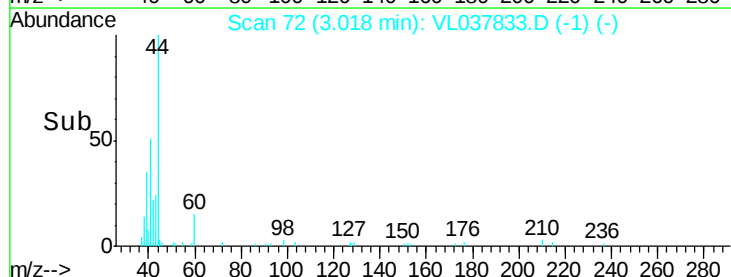
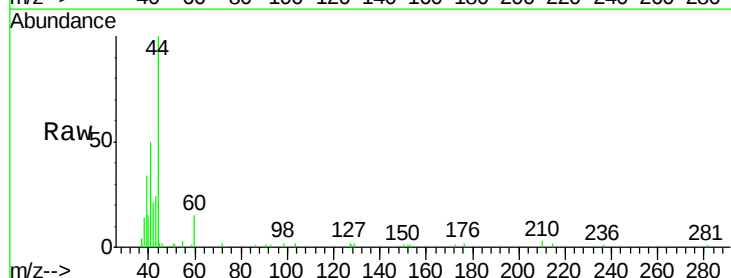
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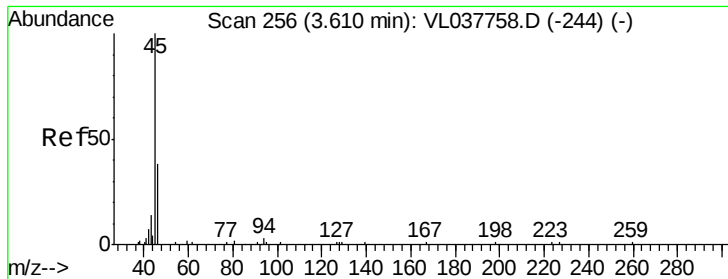
Tgt Ion: 41 Resp: 19203

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



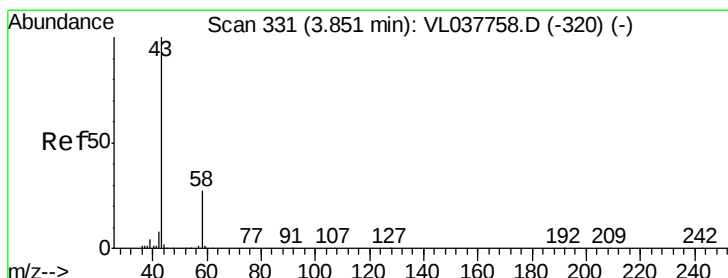
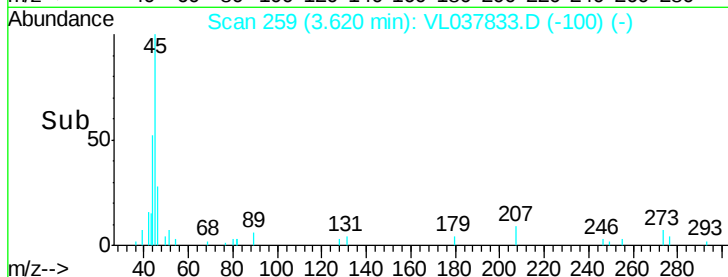
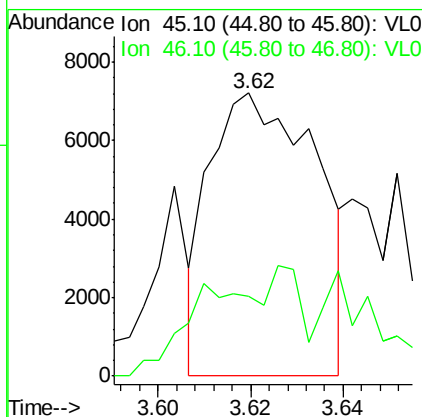
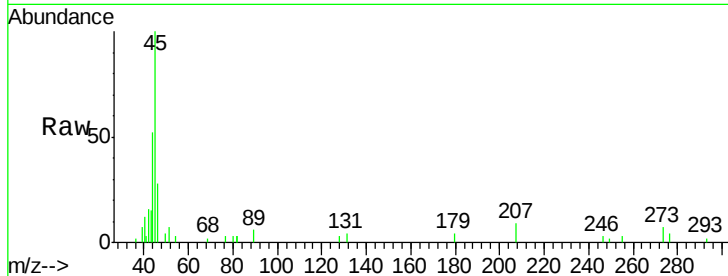


#13
Ethanol
Concen: 1.455 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 17:15

Tot Ion:
Ion Ratio
45 100
46 53.

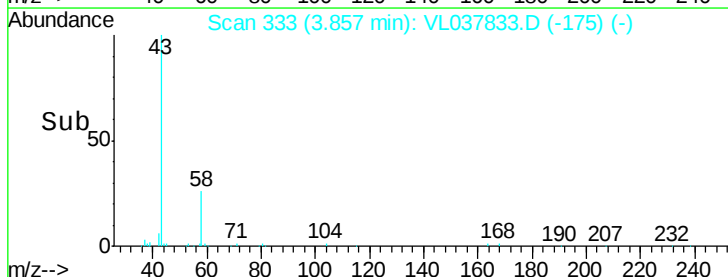
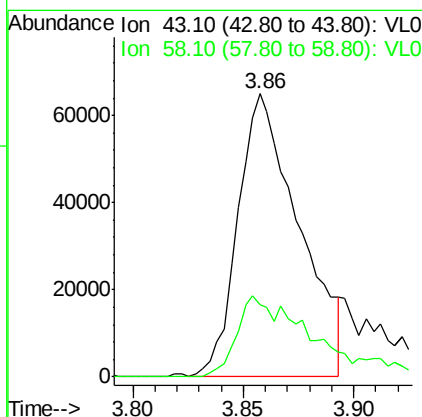
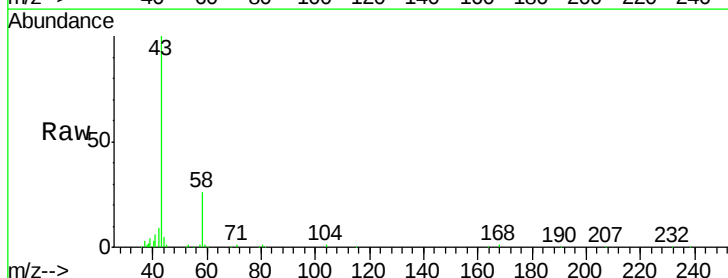
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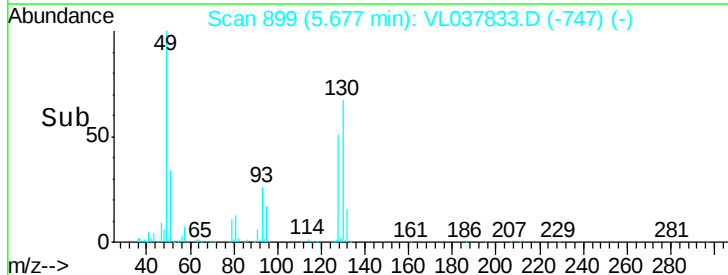
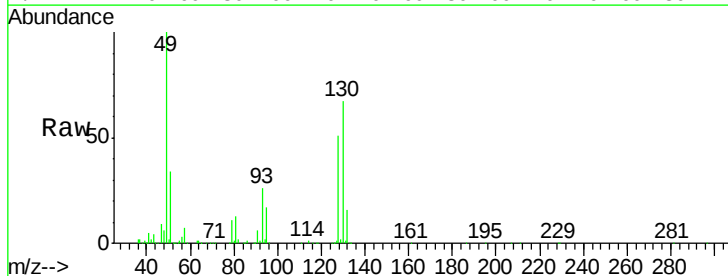
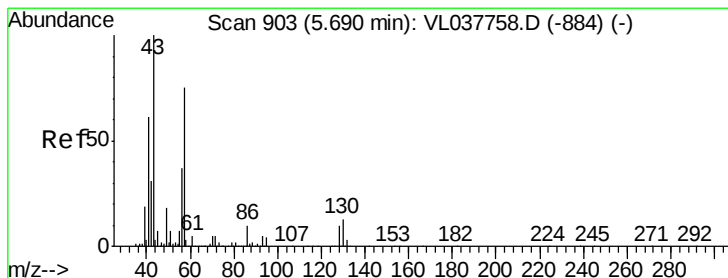
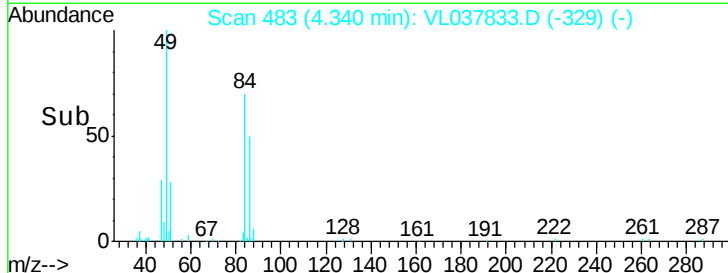
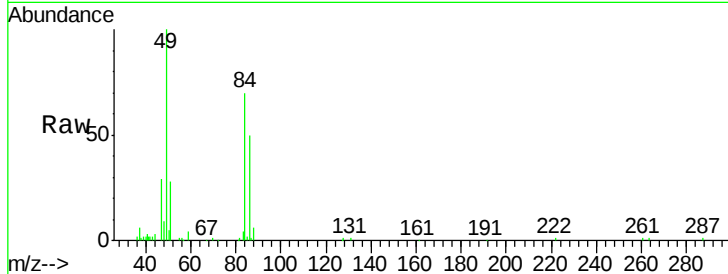
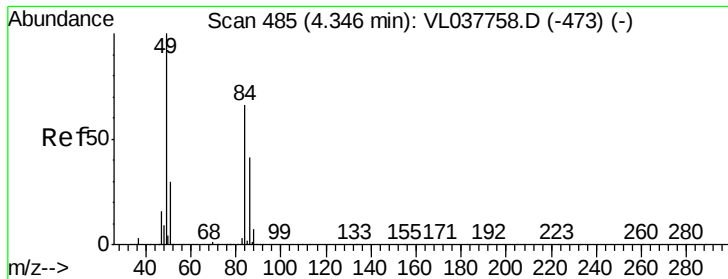
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 1.012 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 43 Resp: 124870
Ion Ratio Lower Upper
43 100
58 40.2 23.0 34.6#





#20

Methvlene Chloride

Concen: 1.113 ppbv

RT: 4.34 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 12 Oct 2021 17:15 C0P47DL

Tot Ion:

Ion Ratio

84 100

49 142.

51 40.

86 71.0

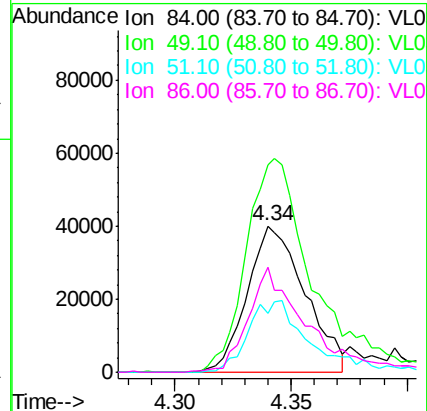
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Supervised By :Mahesh Dadoda 10/15/2021

49.6 74.4



#26

Hexane

Concen: 0.281 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL037833.D

Acq: 12 Oct 2021 17:15

Tgt Ion: 57 Resp: 47873

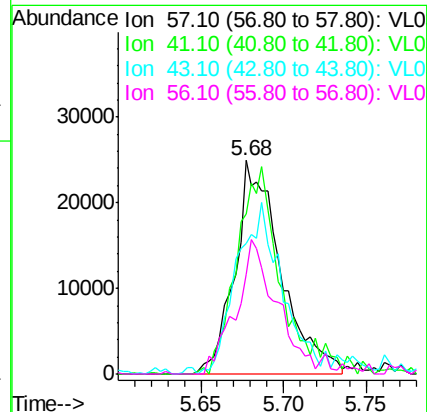
Ion Ratio Lower Upper

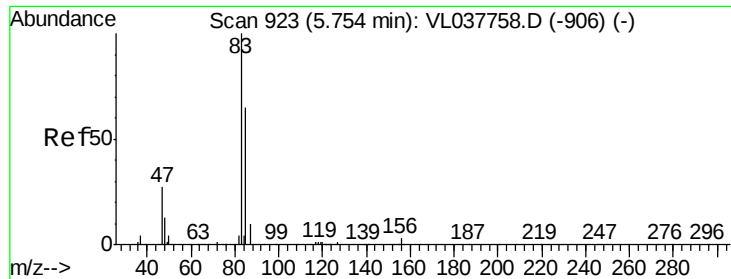
57 100

41 94.1 69.6 104.4

43 89.3 171.4 257.0#

56 59.7 42.0 63.0



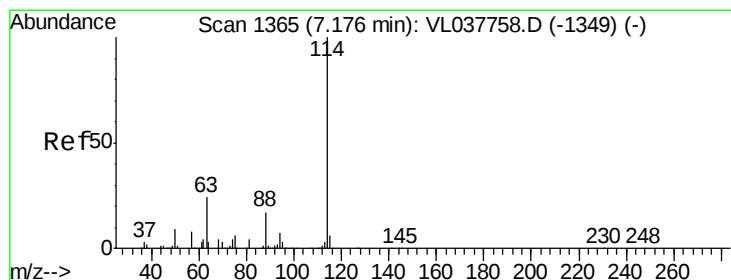
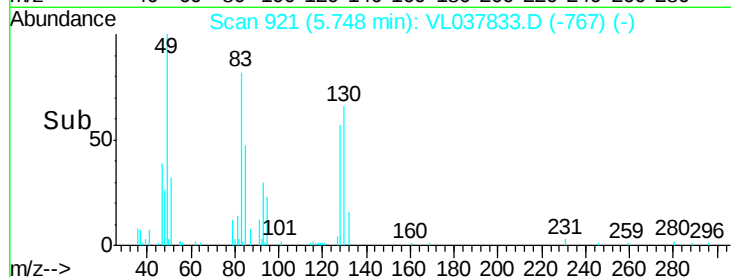
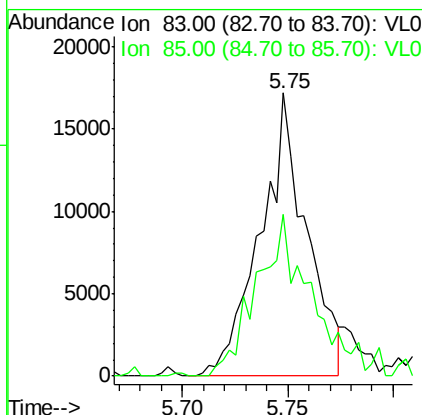
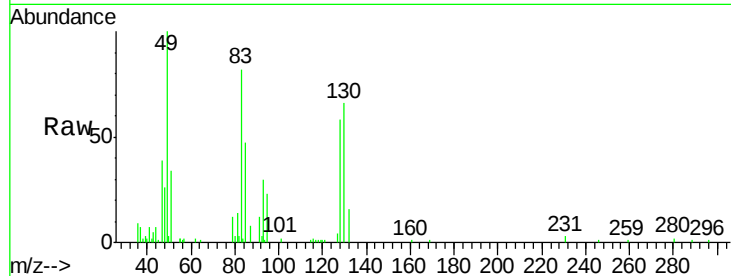


#29
Chloroform
Concen: 0.107 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 17:15

Tot Ion:
Ion Ratio
83 100
85 57.

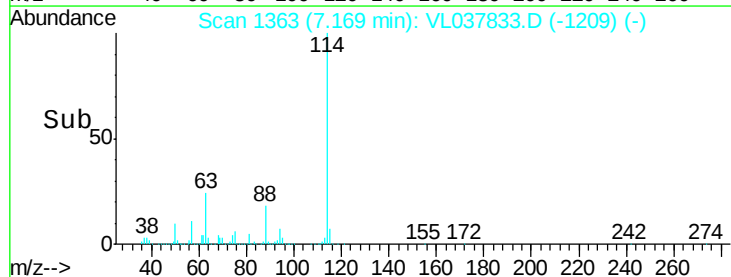
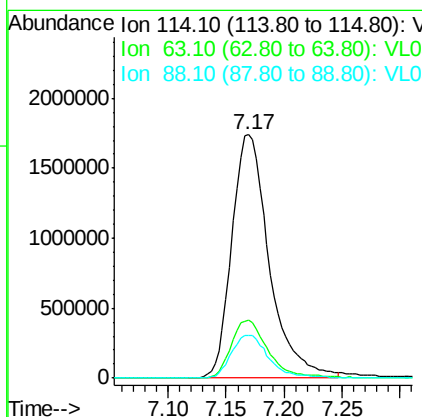
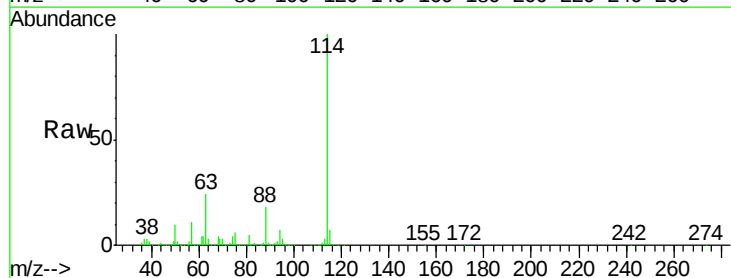
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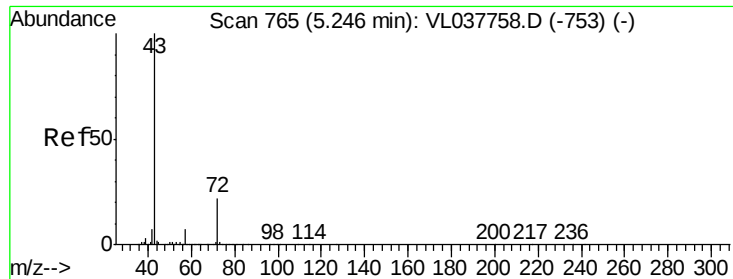
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion:114 Resp: 3900658
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.2
88 18.0 14.4 21.6



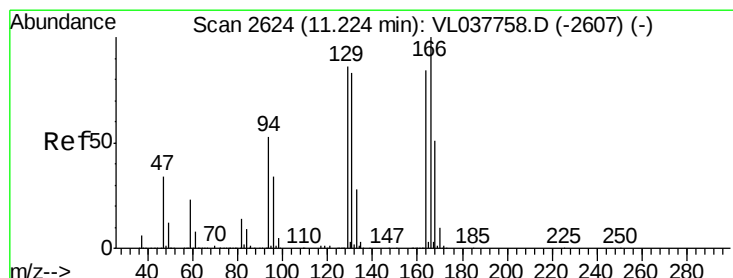
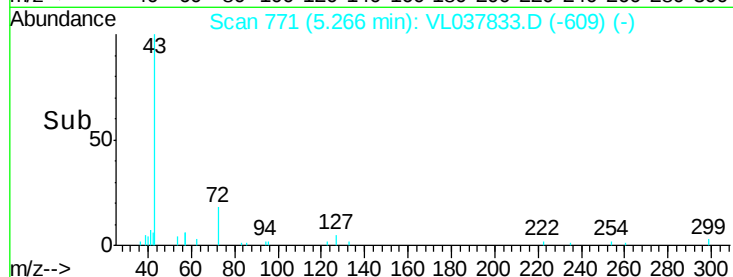
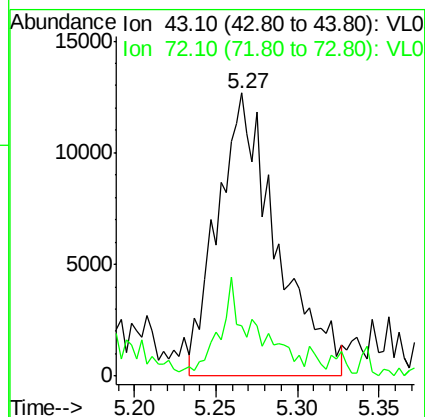
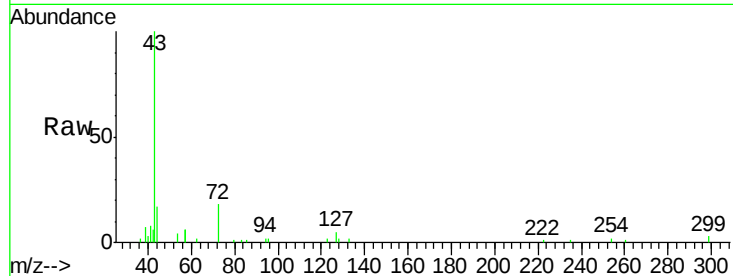


#34
2-Butanone
Concen: 0.203 ppbv m
RT: 5.27
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 12 Oct 2021 17:15

Tot Ion:
Ion Ratio
43 100
72 0.

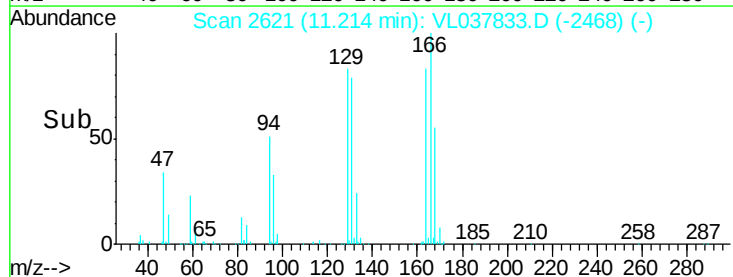
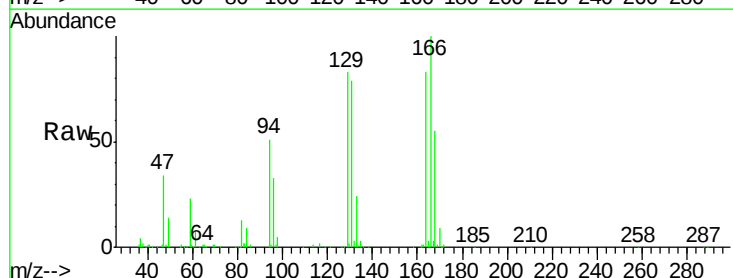
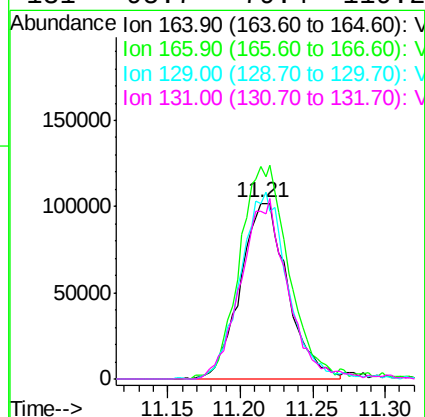
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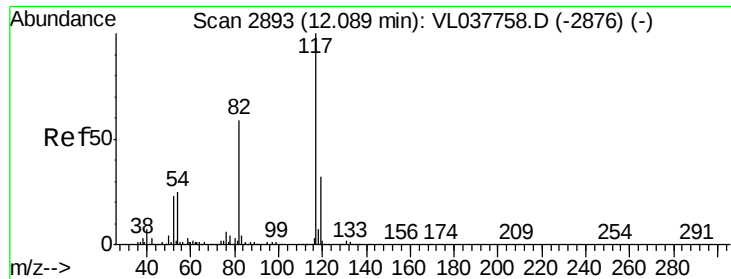
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#52
Tetrachloroethene
Concen: 1.778 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion:164 Resp: 230427
Ion Ratio Lower Upper
164 100
166 121.0 95.4 143.2
129 100.2 82.2 123.4
131 95.7 79.4 119.2



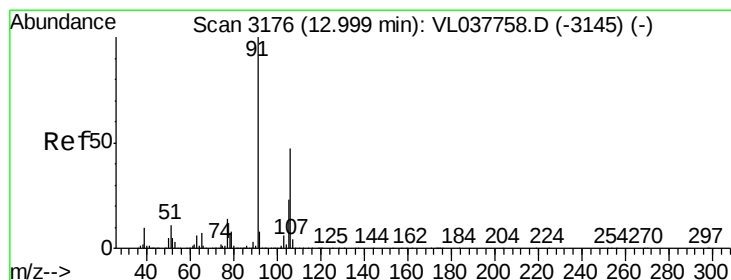
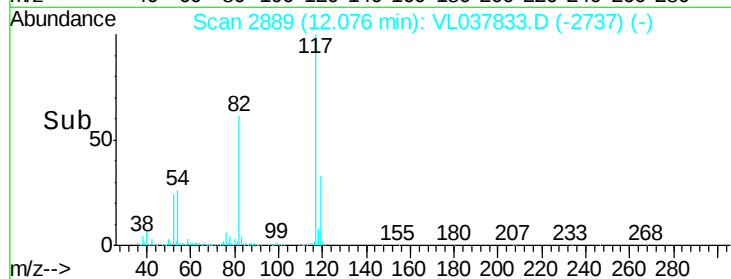
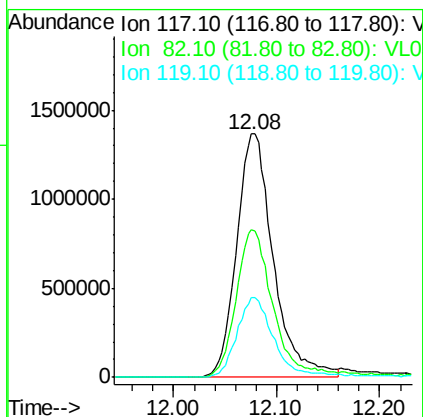
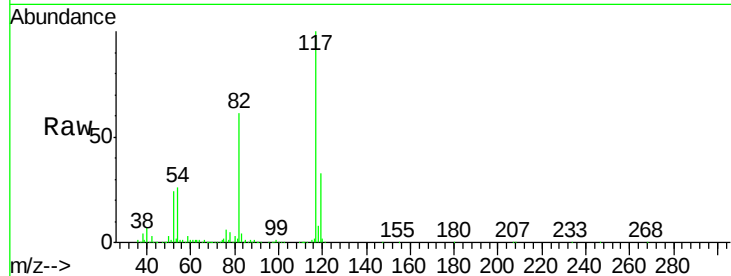


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 12 Oct 2021 17:15

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 34.

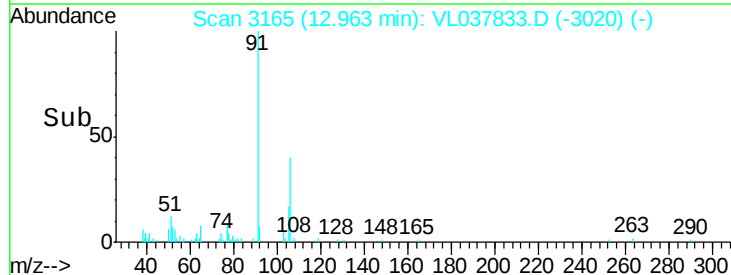
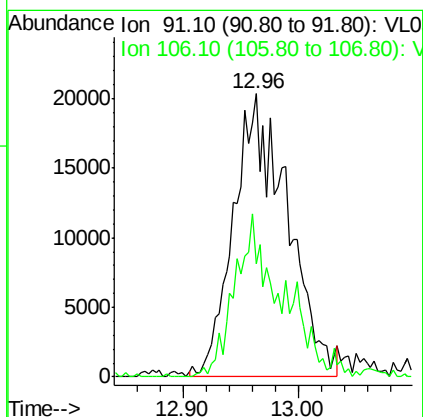
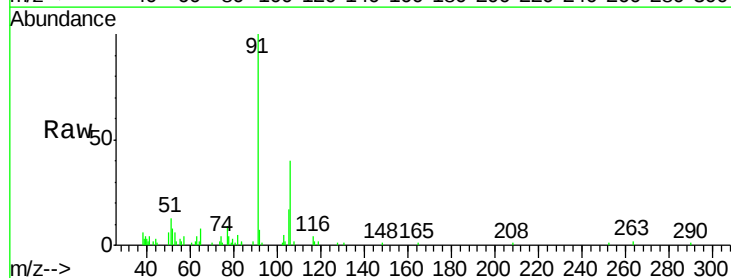
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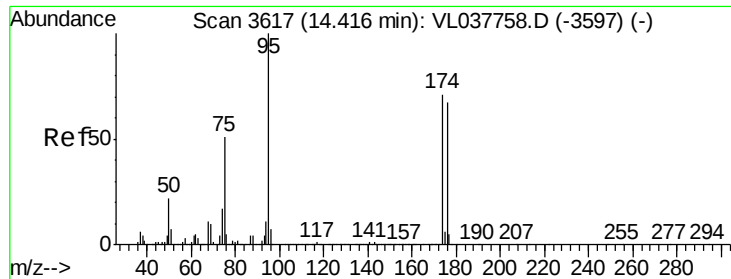
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#59
m/p-Xylene
Concen: 0.168 ppbv m
RT: 12.96 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL037833.D
Acq: 12 Oct 2021 17:15

Tgt Ion: 91 Resp: 65776
Ion Ratio Lower Upper
91 100
106 0.0 36.7 55.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.875 ppbv
 RT: 14.41
 Delta R.T
 Lab File:
 Acq: 12 Oct 2021 17:15

Tot Ion:
 Ion Ratio
 95 100
 174 76.
 175 5.

Manual Integrations
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