

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036866.D
 Acq On : 27 Apr 2021 20:30
 Operator : SY/AP
 Sample : M2172-08DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-DDC-INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 29 16:16:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1540993	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3633944	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3200319	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2495558	9.71	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	29686m	2.722	ppbv	
15) Acetone	3.88	43	124847m	0.860	ppbv	
20) Methylene Chloride	4.35	84	133257	1.919	ppbv	96
26) Hexane	5.69	57	95363	0.575	ppbv #	46
31) cis-1,2-Dichloroethene	5.56	61	93573	0.628	ppbv	97

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

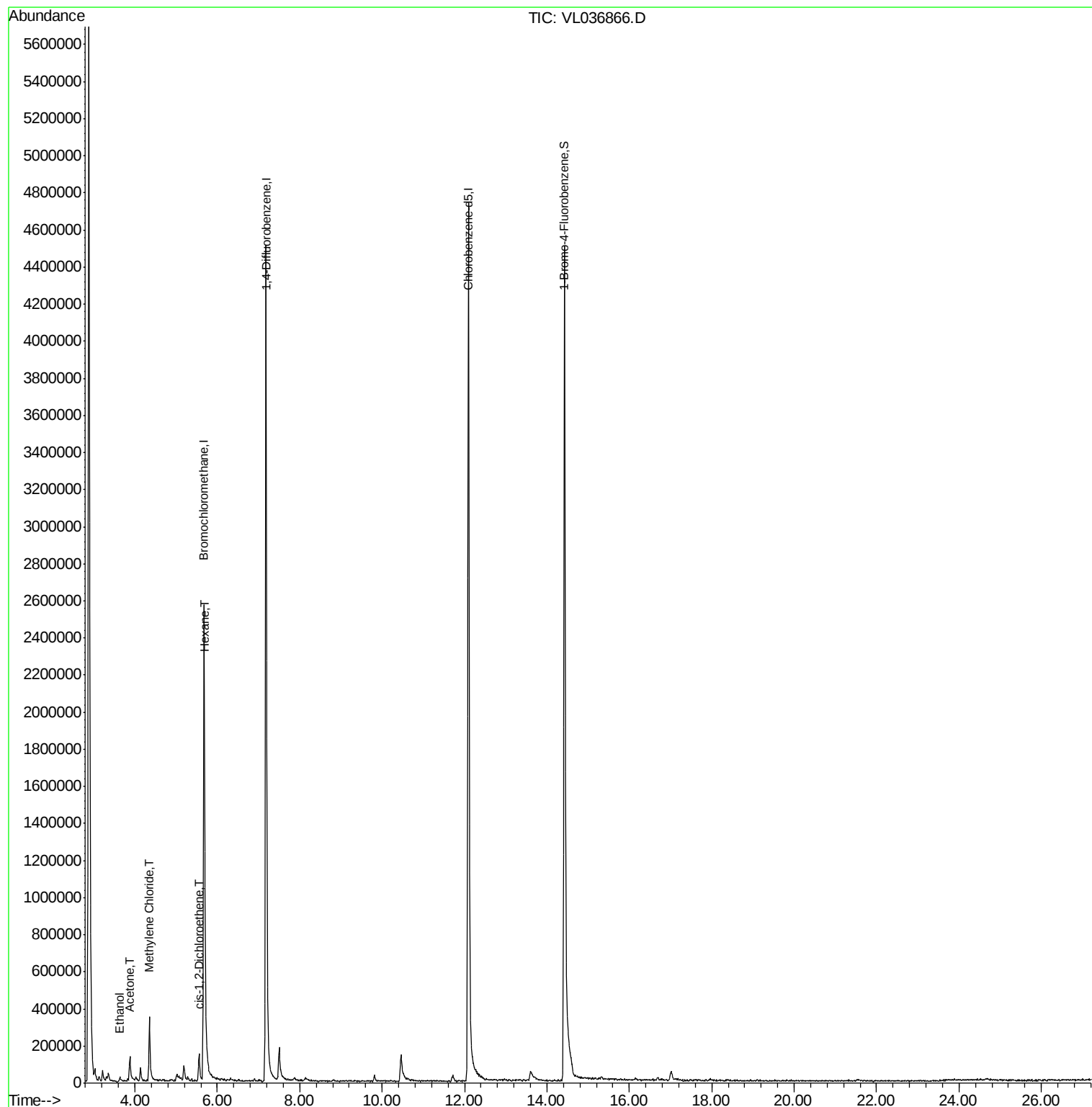
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042721\
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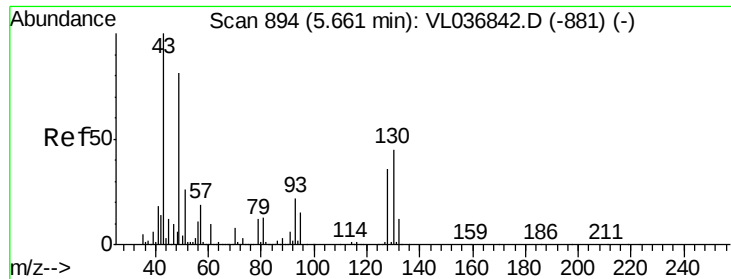
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INFLUENTDL

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 20:30 OFFSITE-DDC-INFLUENTDL

Tot Ion:

Ion Ratio

49 100

128 46.

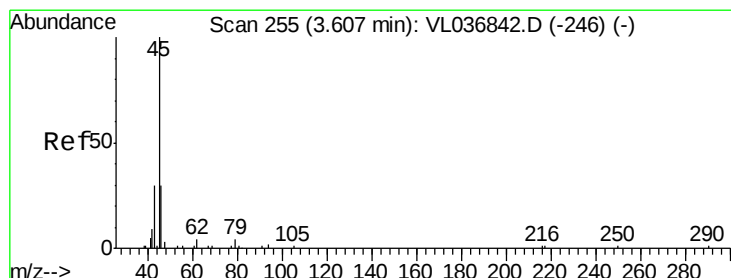
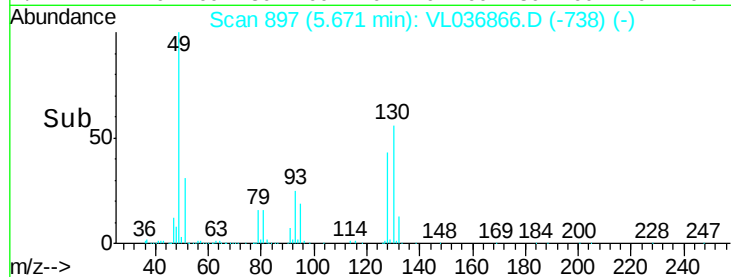
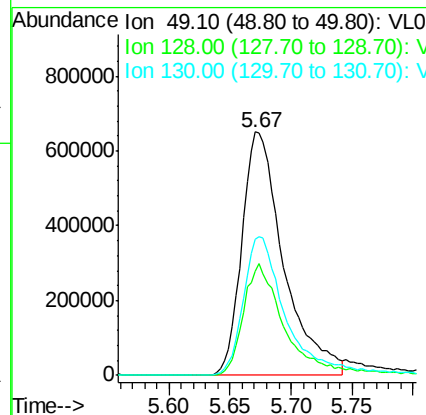
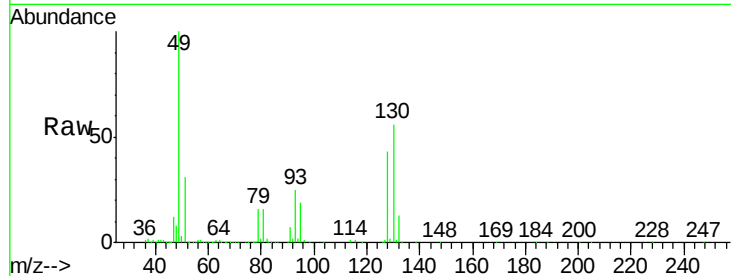
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#13

Ethanol

Concen: 2.722 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL036866.D

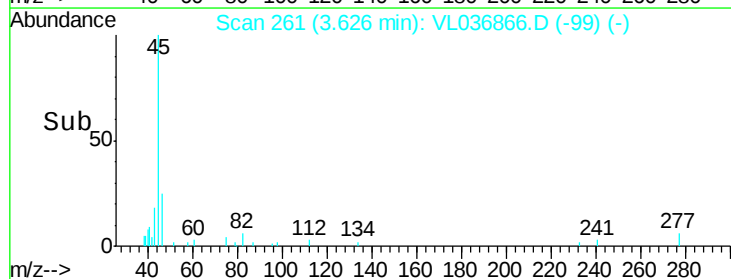
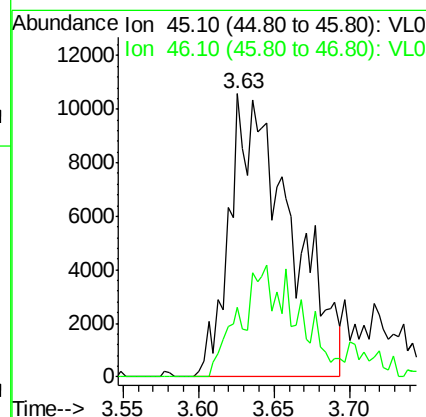
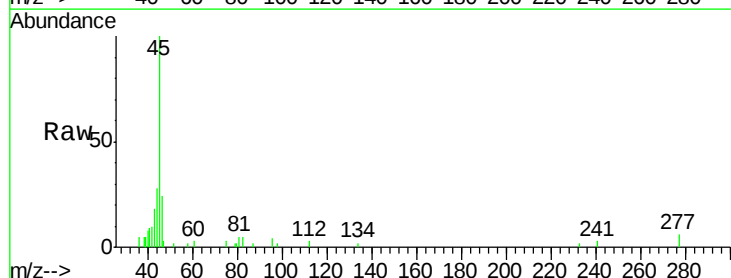
Acq: 27 Apr 2021 20:30

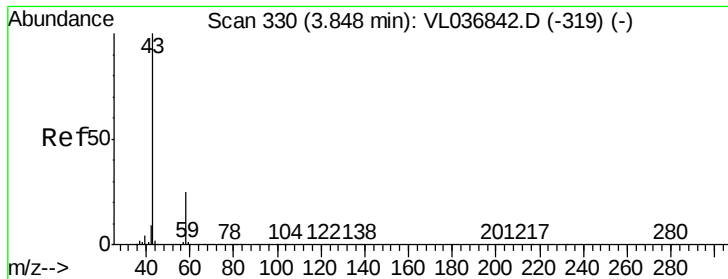
Tgt Ion: 45 Resp: 29686

Ion Ratio Lower Upper

45 100

46 0.0 16.8 67.4#



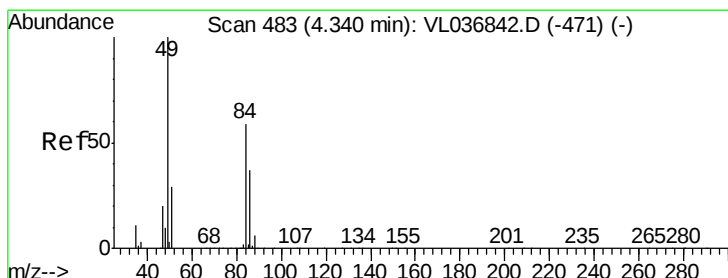
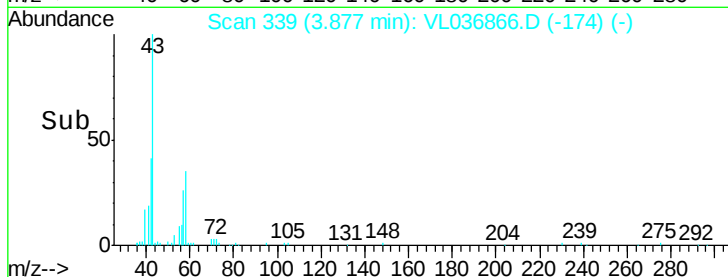
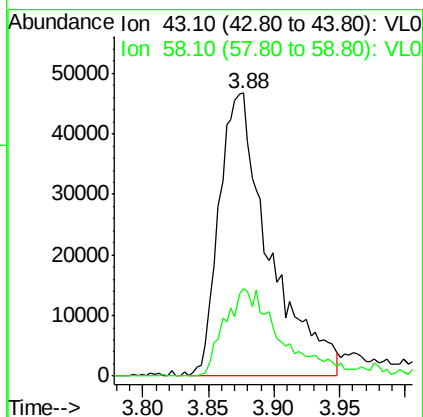
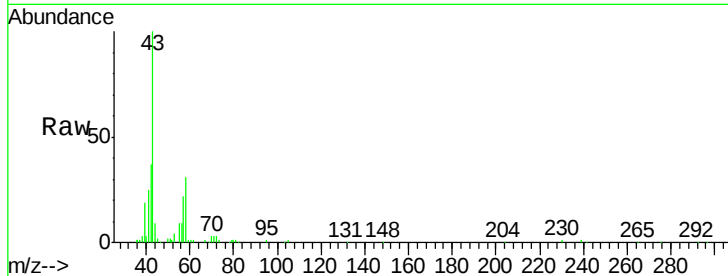


#15
Acetone
Concen: 0.860 ppbv m
RT: 3.88
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 20:30 OFFSITE-DDC-INFLUENTDL

Tot Ion:
Ion Rati
43 100
58 36.

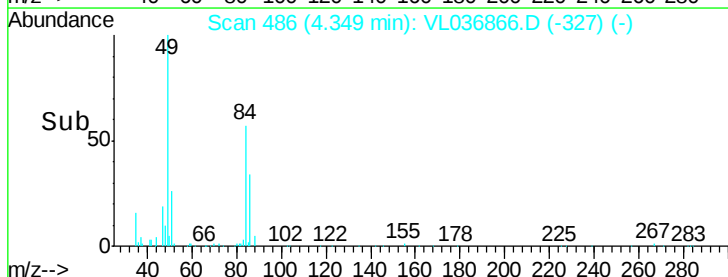
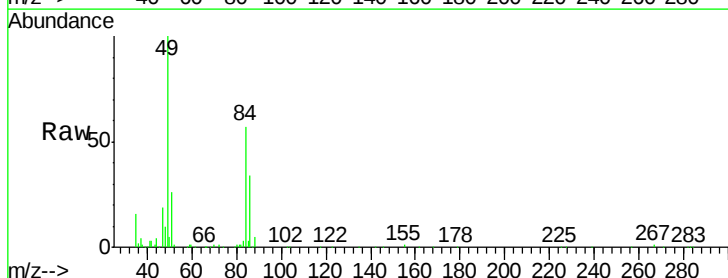
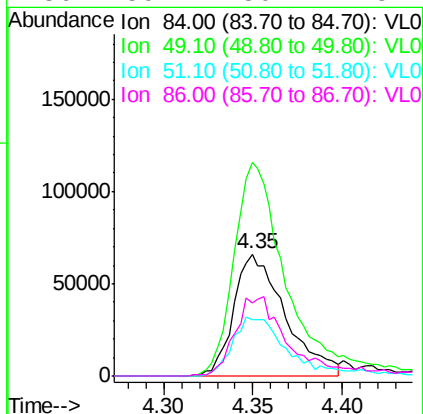
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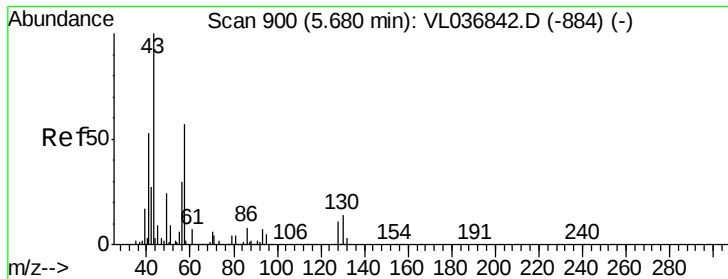
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#20
Methylene Chloride
Concen: 1.919 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036866.D
Acq: 27 Apr 2021 20:30

Tgt Ion: 84 Resp: 133257
Ion Ratio Lower Upper
84 100
49 175.0 135.4 203.0
51 46.3 39.3 58.9
86 59.7 50.2 75.2



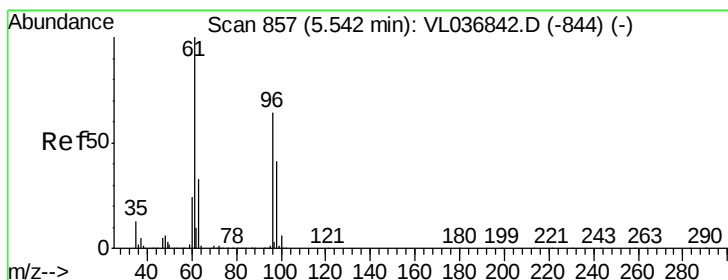
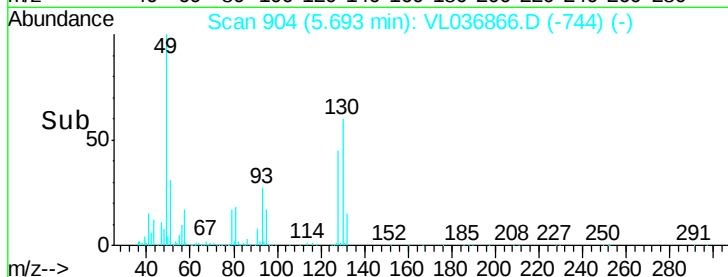
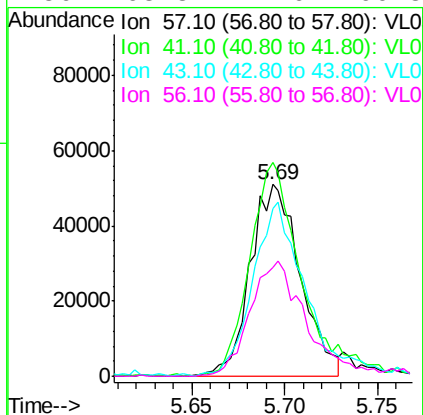
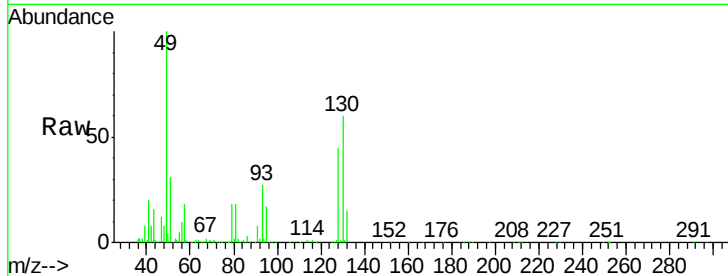


#26
Hexane
Concen: 0.575 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 20:30 OFFSITE-DDC-INFLUENTDL

Tot Ion:
Ion Ratio
57 100
41 114.
43 96.
56 68.8 44.6 66.8#

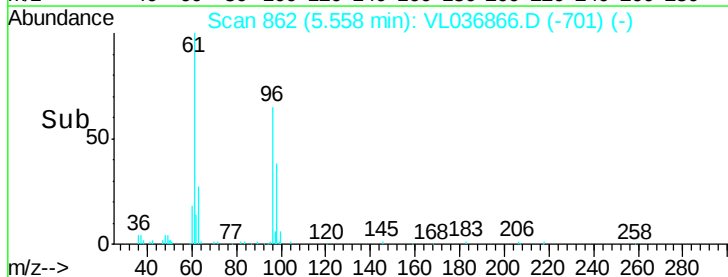
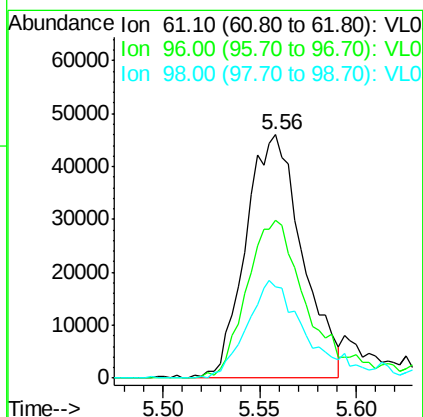
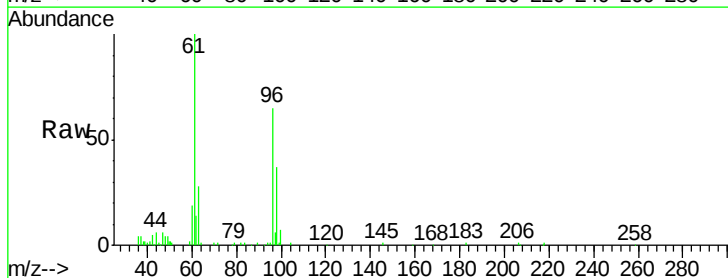
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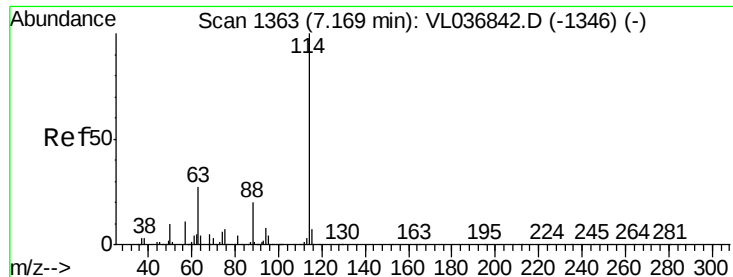
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#31
cis-1,2-Dichloroethene
Concen: 0.628 ppbv
RT: 5.56 min Scan# 862
Delta R.T. 0.02 min
Lab File: VL036866.D
Acq: 27 Apr 2021 20:30

Tgt Ion: 61 Resp: 93573
Ion Ratio Lower Upper
61 100
96 64.6 51.0 76.6
98 37.3 32.7 49.1



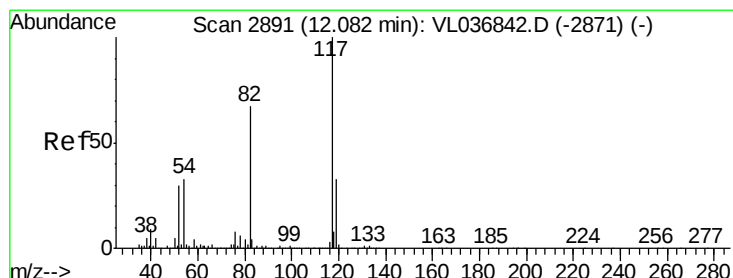
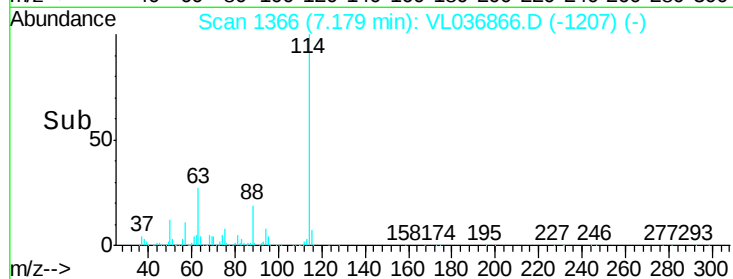
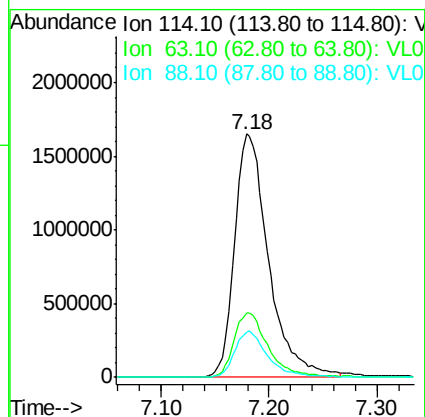
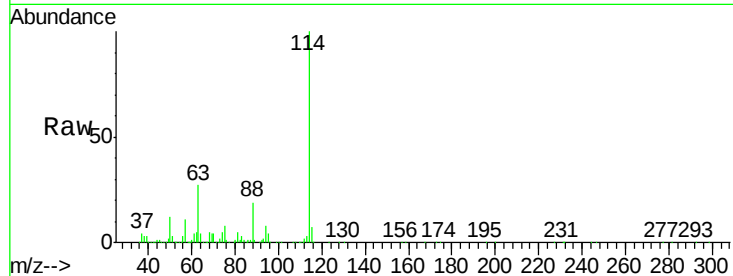


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 OFFSITE-DDC-INFLUENTDL
 Acq: 27 Apr 2021 20:30

Tot Ion:1
 Ion Ratio
 114 100
 63 27.
 88 18.

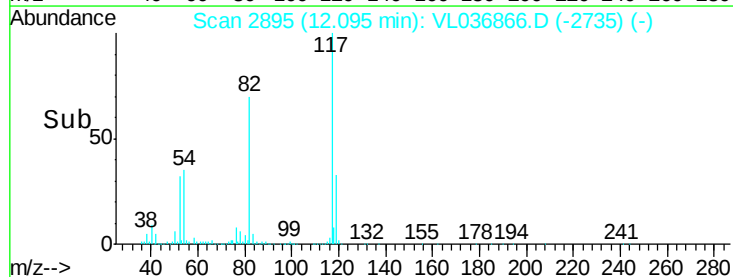
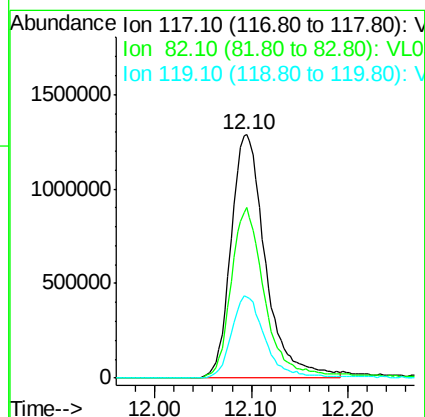
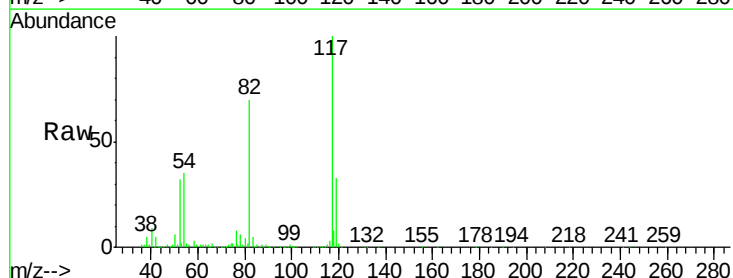
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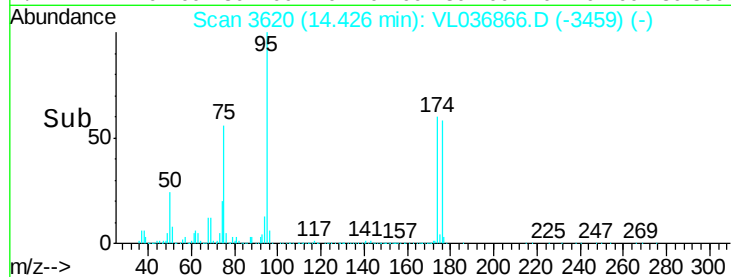
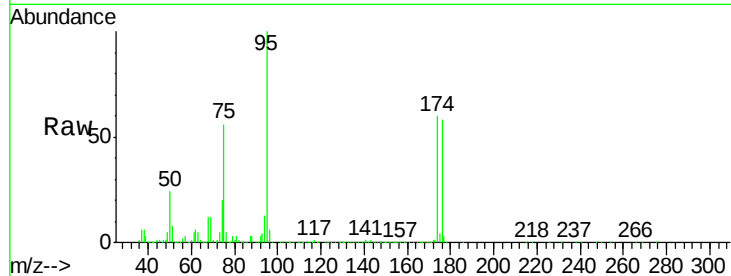
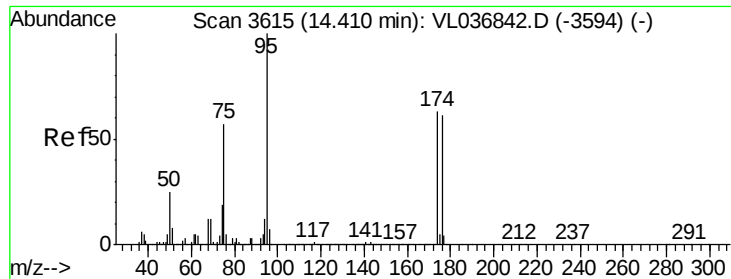
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T.: 0.01 min
 Lab File: VL036866.D
 Acq: 27 Apr 2021 20:30

Tgt Ion:117 Resp: 3200319
 Ion Ratio Lower Upper
 117 100
 82 70.3 53.5 80.3
 119 33.6 25.6 38.4





#68

1-Bromo-4-Fluorobenzene

Concen: 9.714 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 20:30

Tot Ion:

Ion Ratio

95 100

174 66.

175 4.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/29/2021

