

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036803.D
 Acq On : 13 Apr 2021 15:01
 Operator : SY/AP
 Sample : M2018-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 09:37:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1333218	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3372164	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2538118	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1666491	8.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	148536	1.870	ppbv #	78
13) Ethanol	3.64	45	25456m	2.692	ppbv	
15) Acetone	3.86	43	88714	0.676	ppbv #	61
20) Methylene Chloride	4.34	84	153452	2.498	ppbv	94
26) Hexane	5.69	57	99389	0.687	ppbv #	44

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

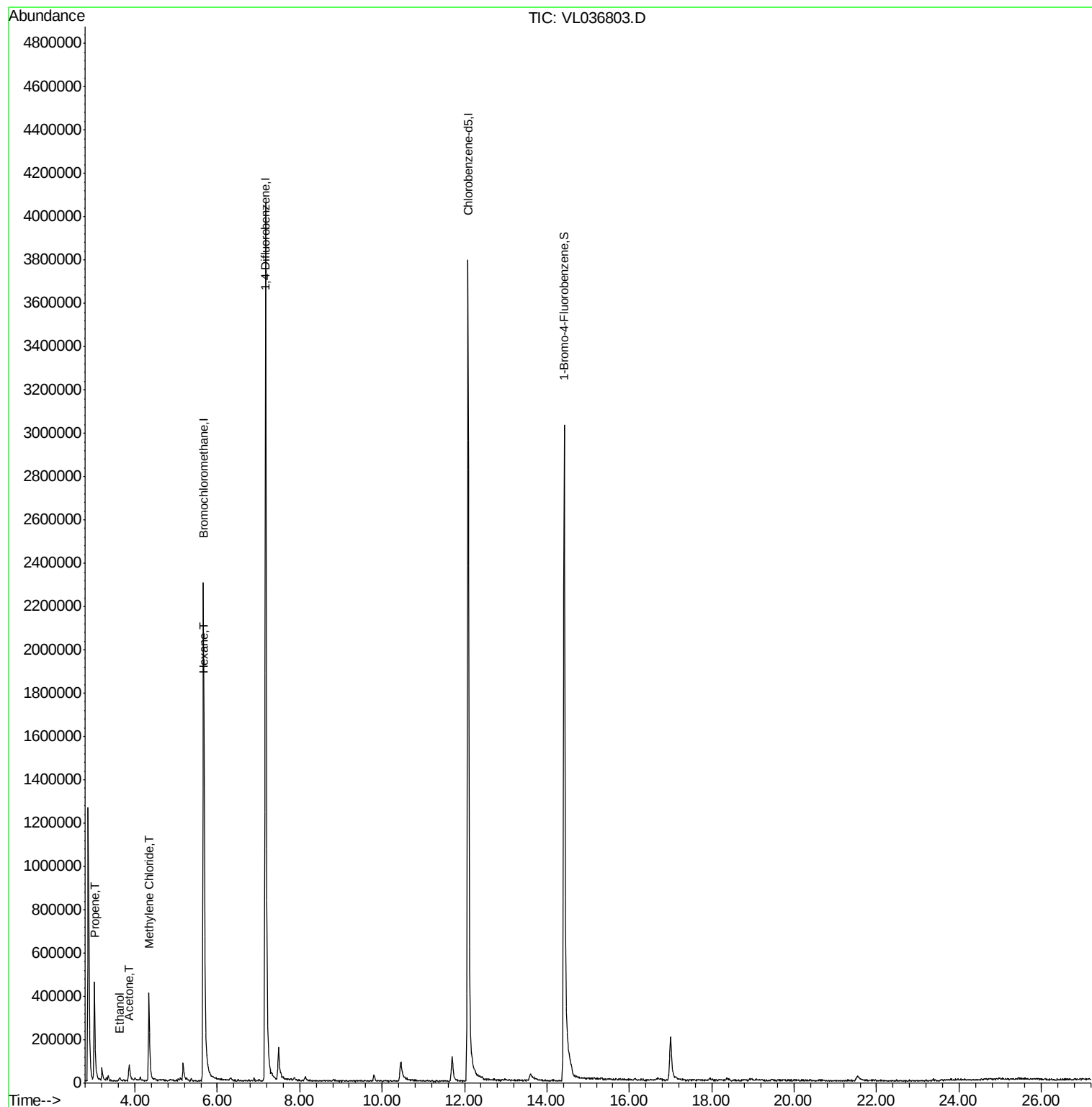
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041321\
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: SG3DL

Acq: 13 Apr 2021 15:01

Tot Ion:

Ion Ratio

49 100

128 47.

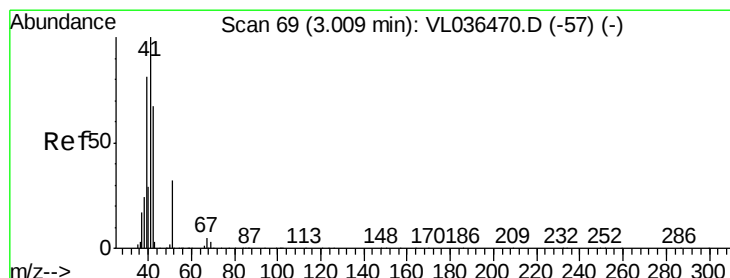
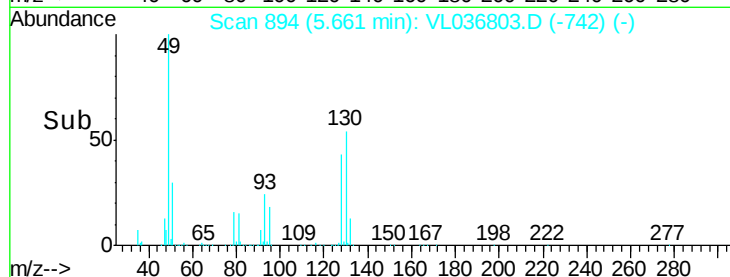
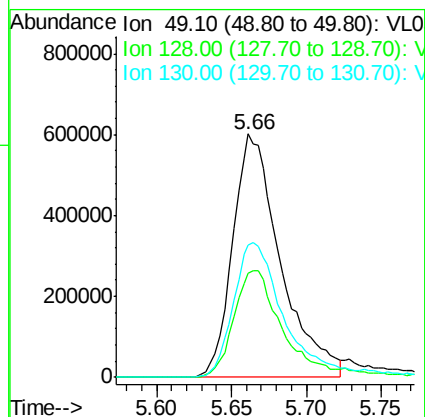
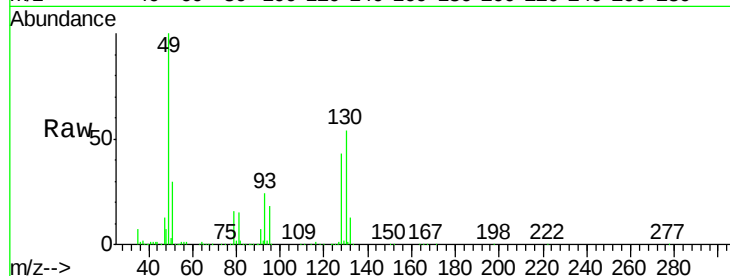
130 62.

Manual Integrations

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#9

Propene

Concen: 1.870 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036803.D

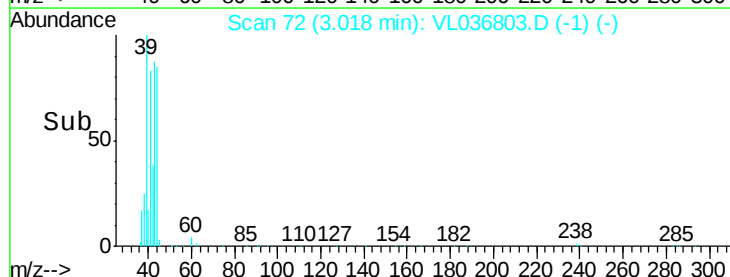
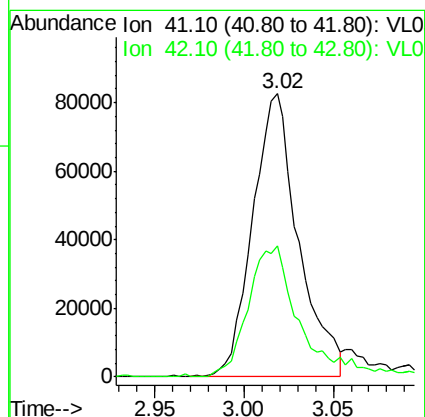
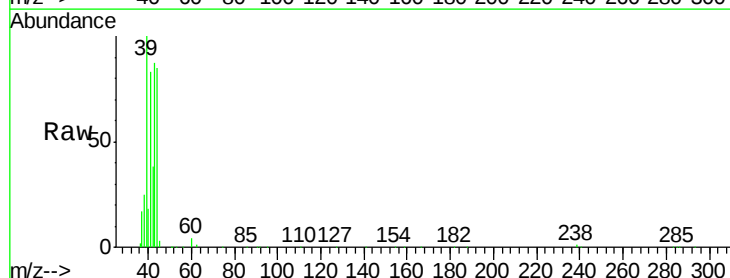
Acq: 13 Apr 2021 15:01

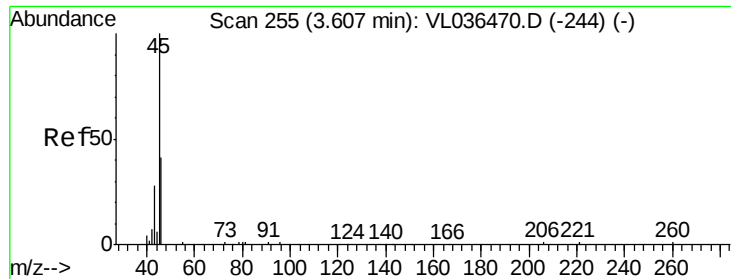
Tgt Ion: 41 Resp: 148536

Ion Ratio Lower Upper

41 100

42 53.0 57.0 85.4#





#13

Ethanol

Concen: 2.692 ppbv m

RT: 3.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 15:01 SG3DL

Tot Ion:

Ion Ratio

45 100

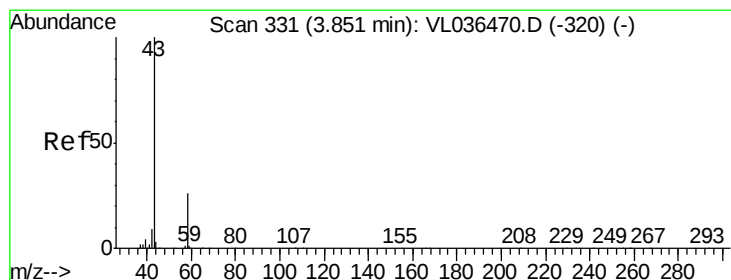
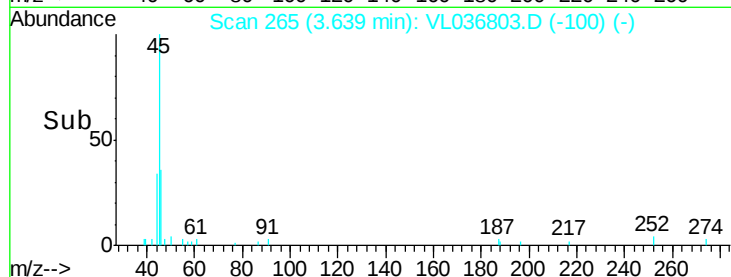
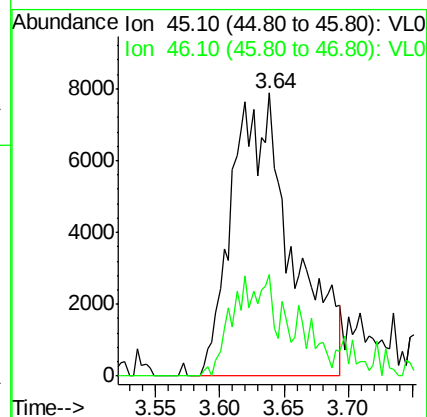
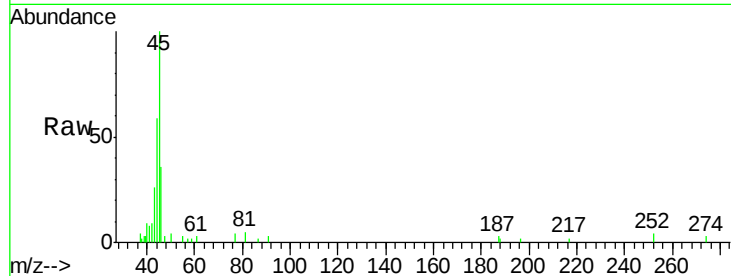
46 0.

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#15

Acetone

Concen: 0.676 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036803.D

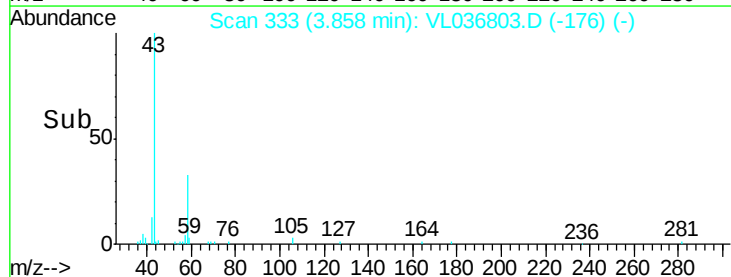
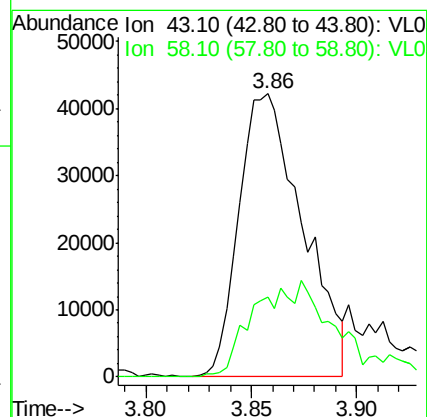
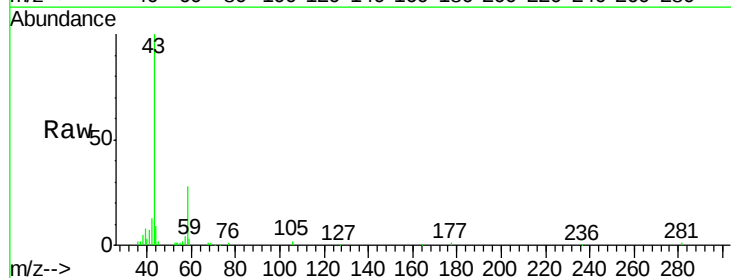
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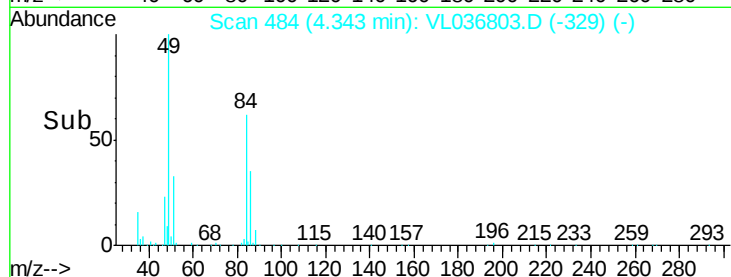
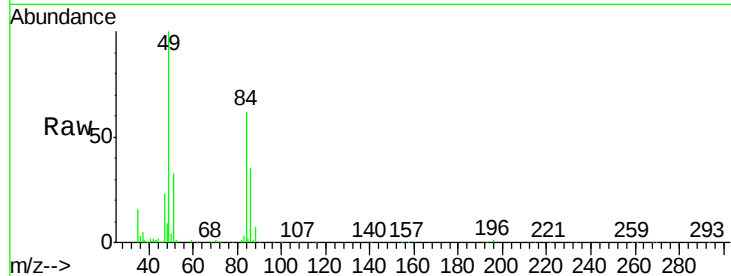
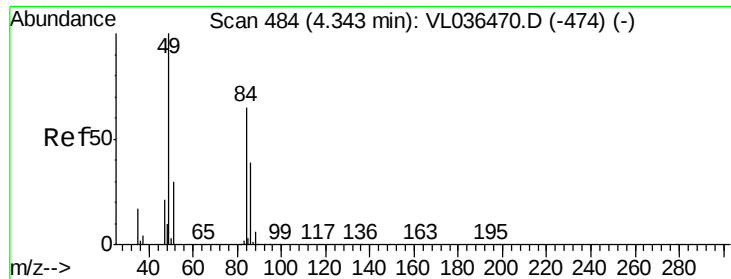
Tgt Ion: 43 Resp: 88714

Ion Ratio Lower Upper

43 100

58 46.4 21.2 31.8#



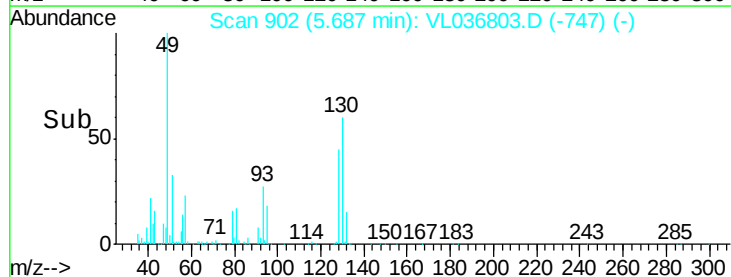
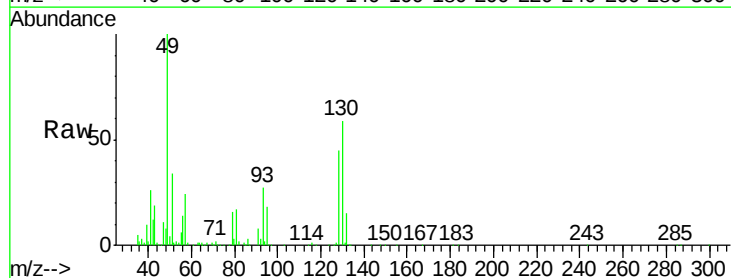
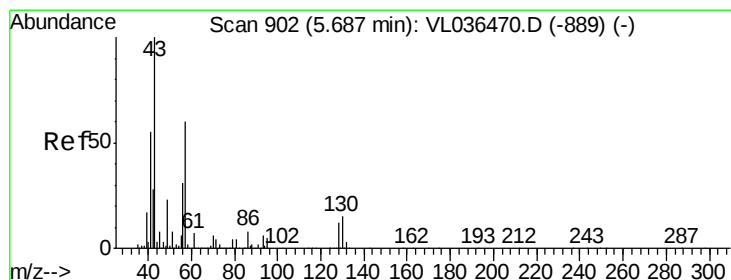
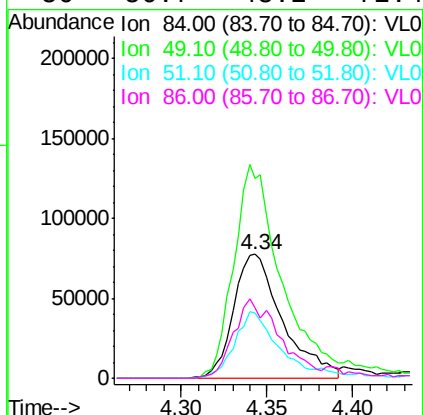


#20
Methvlene Chloride
Concen: 2.498 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Apr 2021 15:01

Tot Ion:
Ion Ratio
84 100
49 160.
51 53.
86 56.7 48.2 72.4

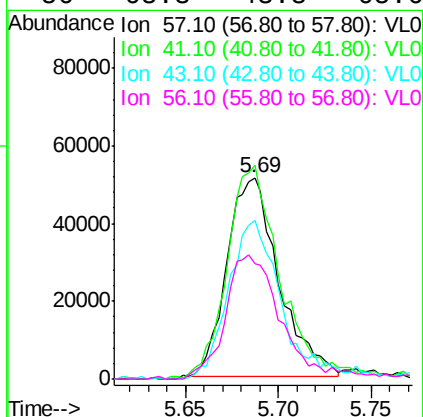
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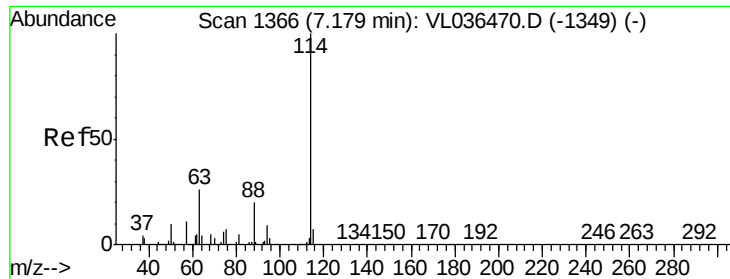
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#26
Hexane
Concen: 0.687 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036803.D
Acq: 13 Apr 2021 15:01

Tgt Ion: 57 Resp: 99389
Ion Ratio Lower Upper
57 100
41 112.3 77.2 115.8
43 85.6 173.8 260.6#
56 68.3 43.8 65.6#



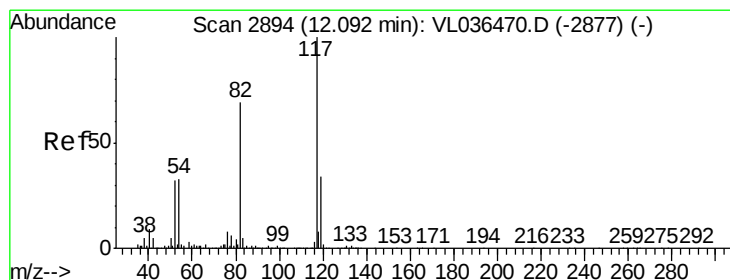
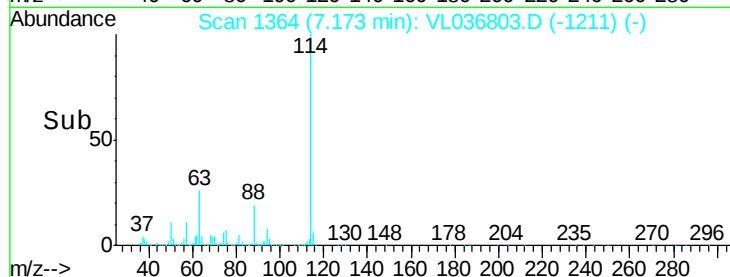
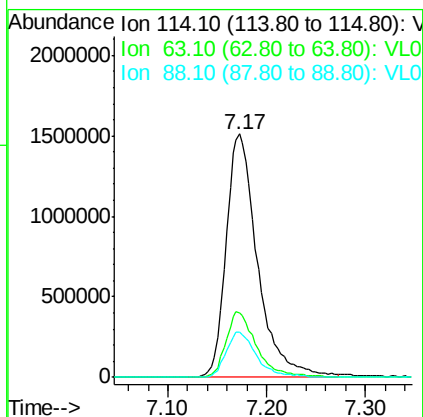
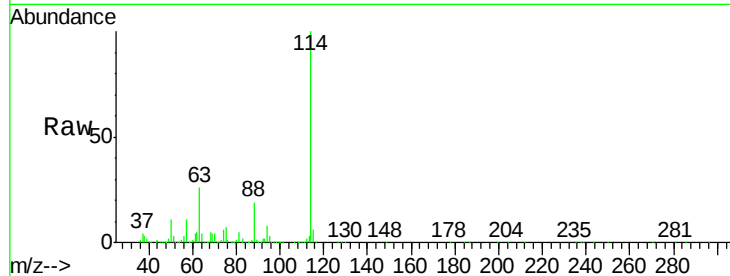


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.:
 Lab File: MSVOA_L
 ClientSampleId:
 Acq: 13 Apr 2021 15:01

Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 18.

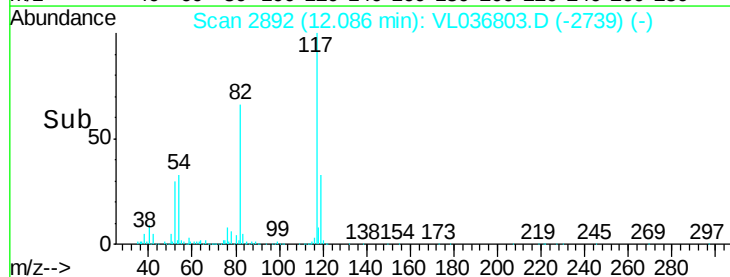
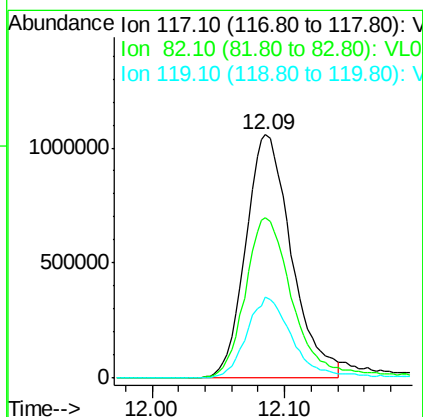
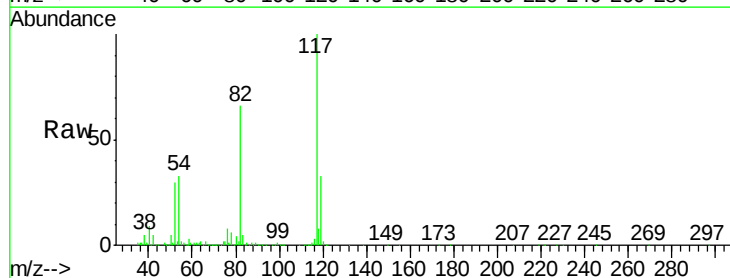
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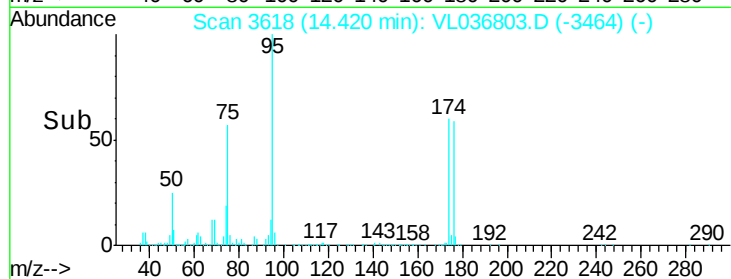
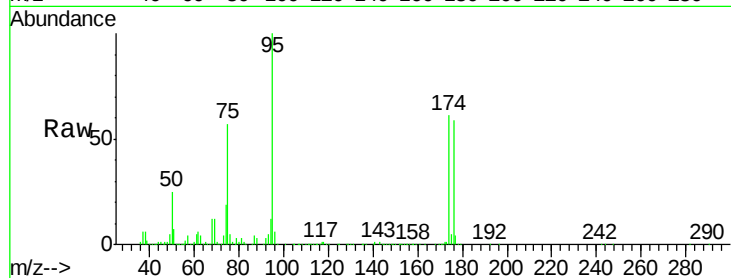
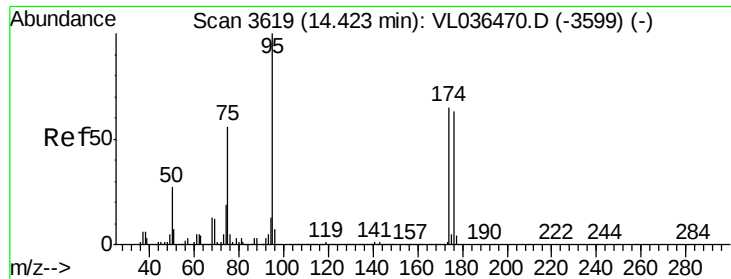
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: VL036803.D
 Acq: 13 Apr 2021 15:01

Tgt Ion:117 Resp: 2538118
 Ion Ratio Lower Upper
 117 100
 82 70.3 57.4 86.0
 119 35.0 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.238 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 13 Apr 2021 15:01

Tot Ion:

Ion Ratio

95 100

174 68.

175 5.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/14/2021

