

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036501.D
 Acq On : 26 Mar 2021 00:57
 Operator : SY/AP
 Sample : M1748-36DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 GOI-SG-4(2021)DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021

Quant Time: Mar 28 20:22:44 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	5.67	49	1425521	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3481830	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3022029	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2298040	9.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	53797	0.634	ppbv	# 71
13) Ethanol	3.61	45	82710	8.180	ppbv	98
15) Acetone	3.86	43	492002	3.507	ppbv	94
20) Methylene Chloride	4.35	84	90751m	1.381	ppbv	
38) Trichloroethene	7.84	130	167656	1.342	ppbv	91

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

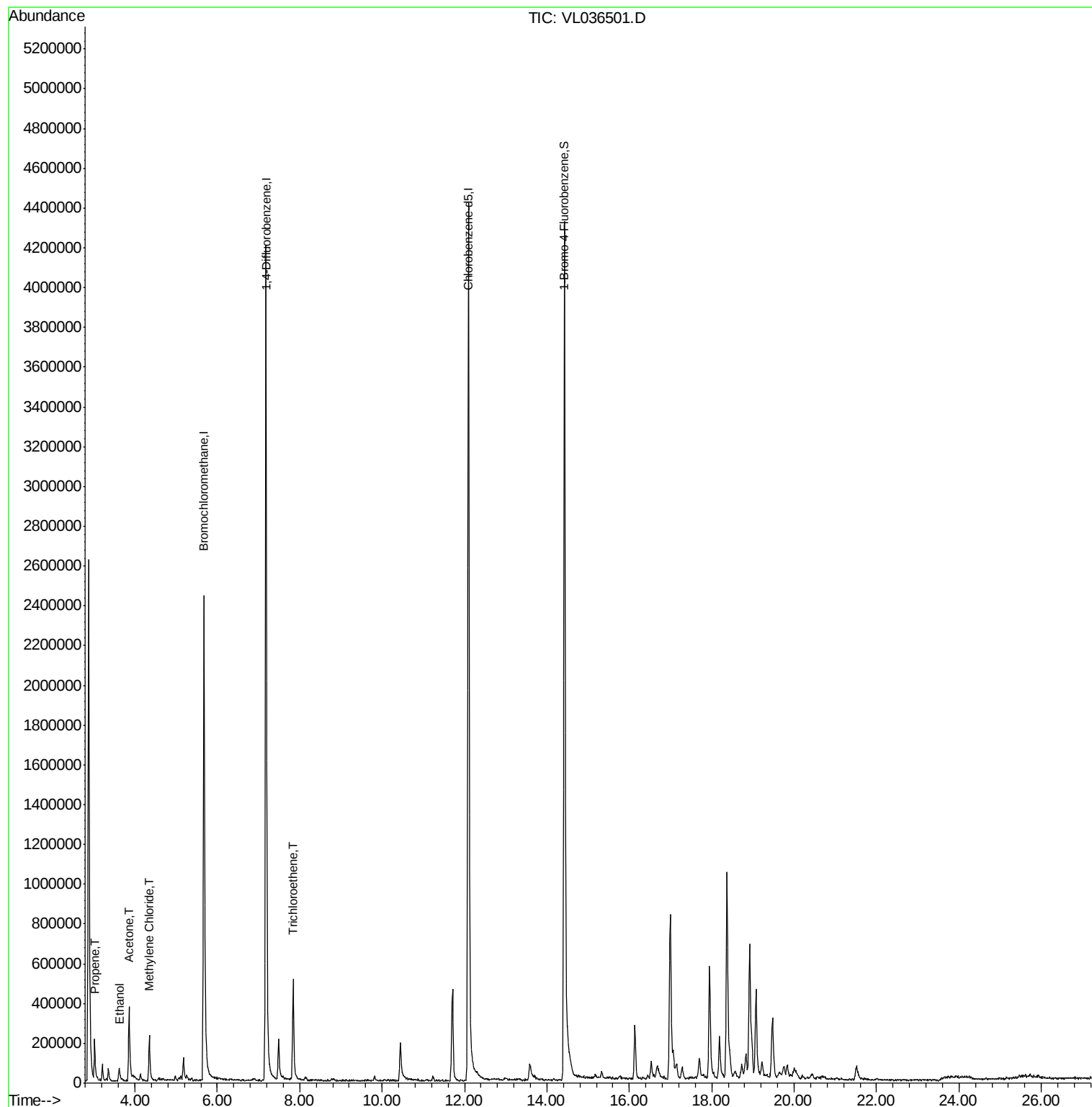
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
Data File : VL036501.D
Acq On : 26 Mar 2021 00:57
Operator : SY/AP
Sample : M1748-36DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-4(2021)DL

Quant Time: Mar 28 20:22:44 2021
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Mar 2021 00:57

Tot Ion:

Ion Ratio

49 100

128 46.

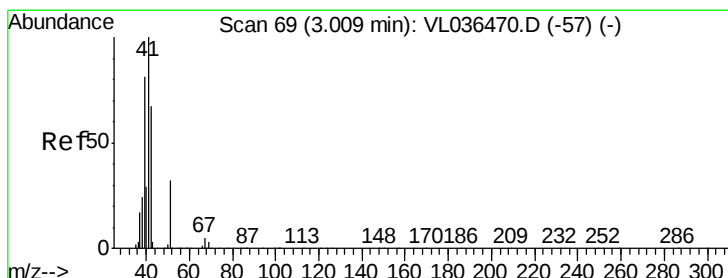
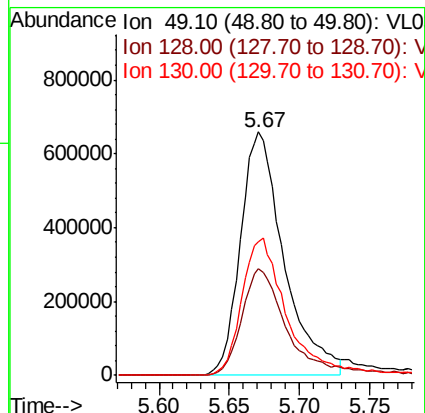
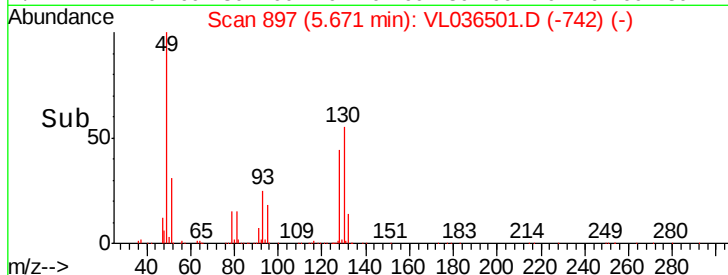
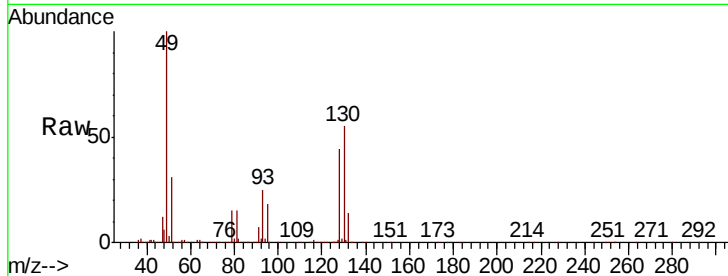
130 60.

Manual Integrations

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#9

Propene

Concen: 0.634 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036501.D

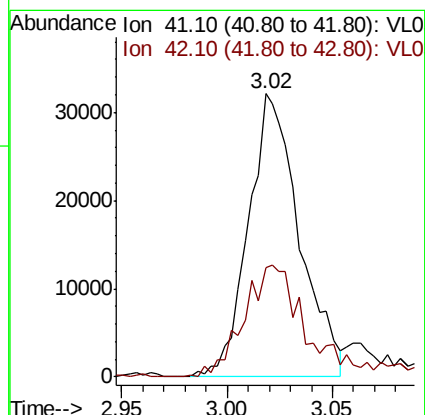
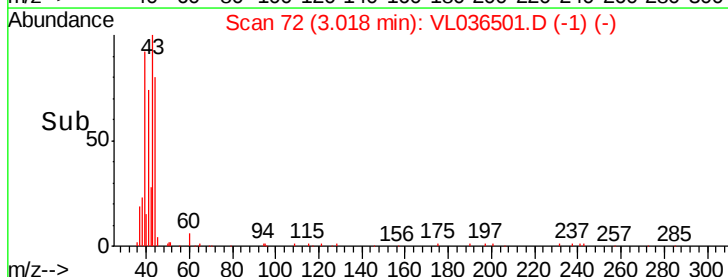
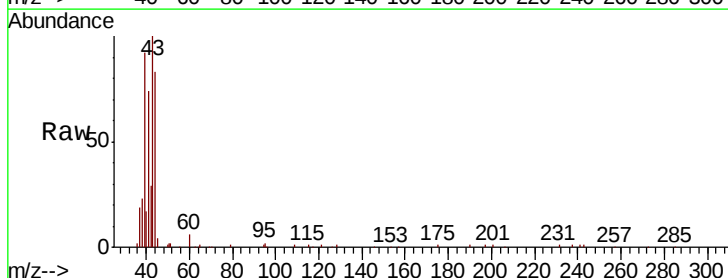
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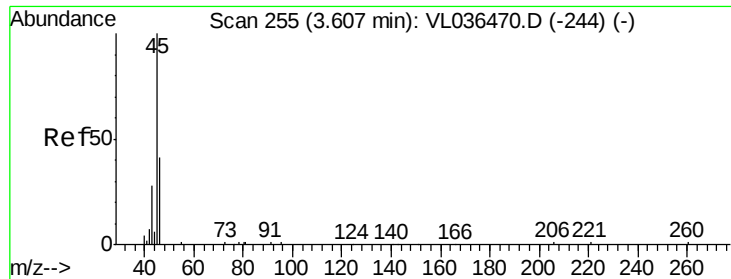
Tgt Ion: 41 Resp: 53797

Ion Ratio Lower Upper

41 100

42 47.5 57.0 85.4#



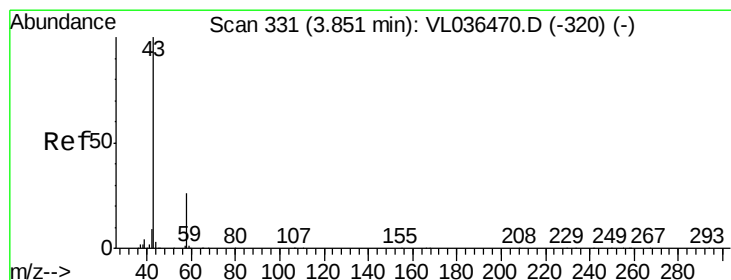
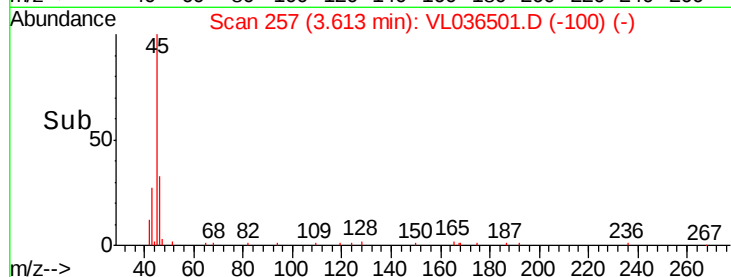
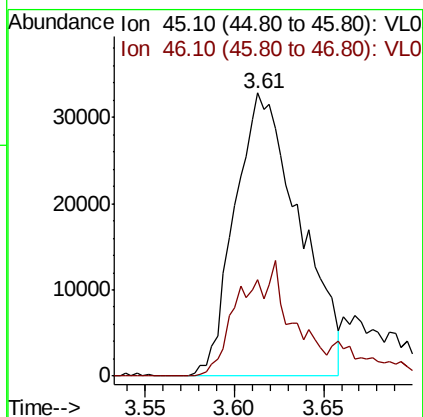
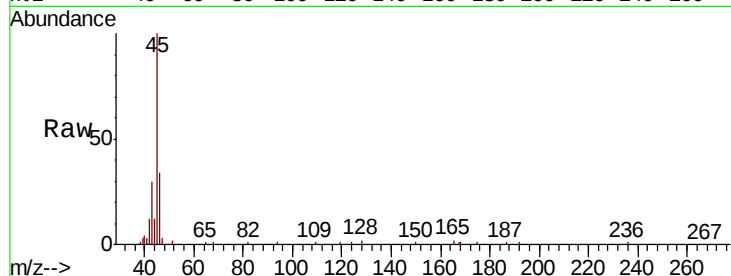


#13
Ethanol
Concen: 8.180 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Mar 2021 00:57

Tot Ion:
Ion Ratio
45 100
46 42.

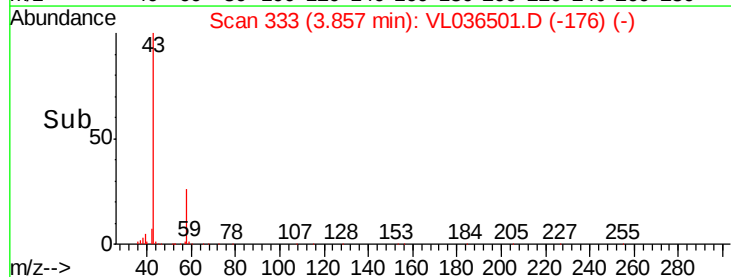
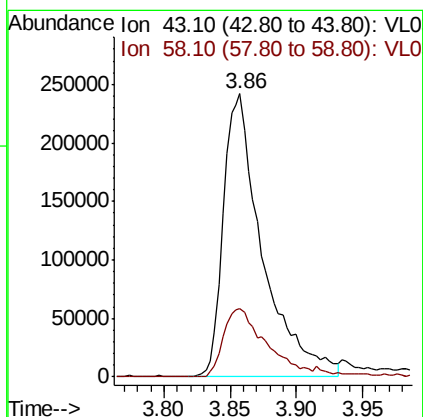
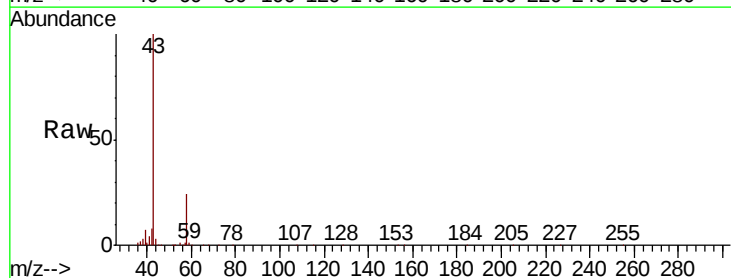
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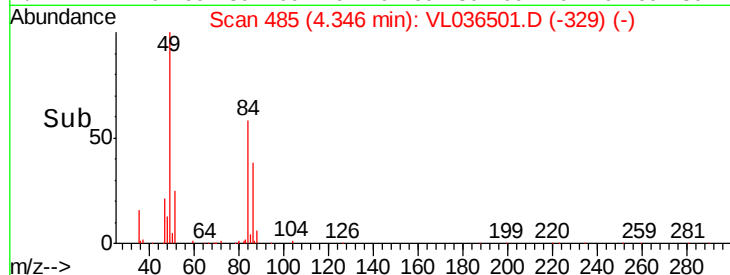
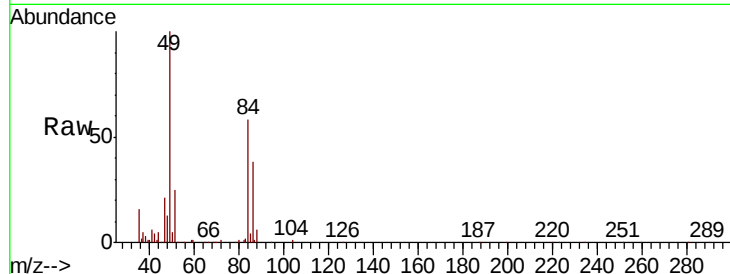
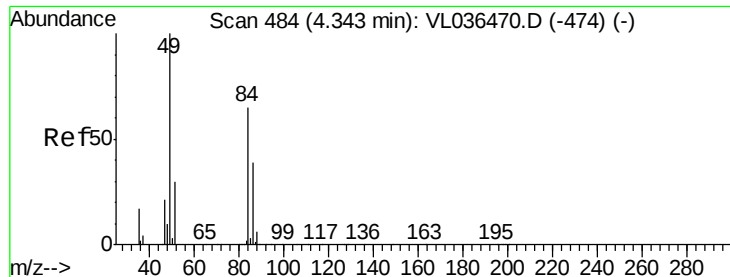
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#15
Acetone
Concen: 3.507 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL036501.D
Acq: 26 Mar 2021 00:57

Tgt Ion: 43 Resp: 492002
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8



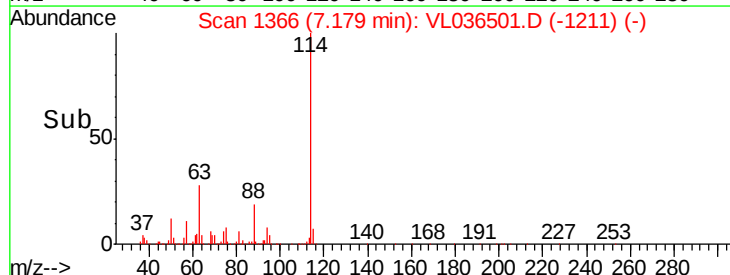
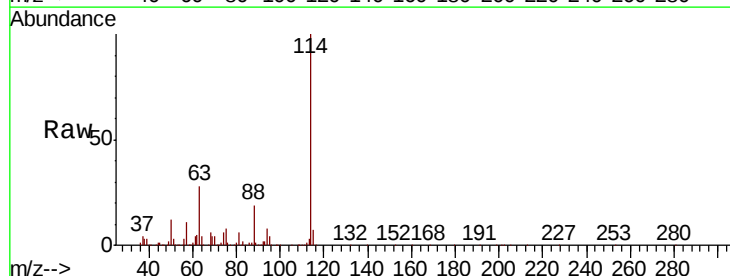
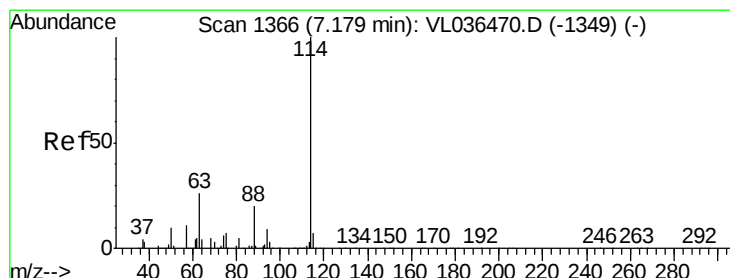
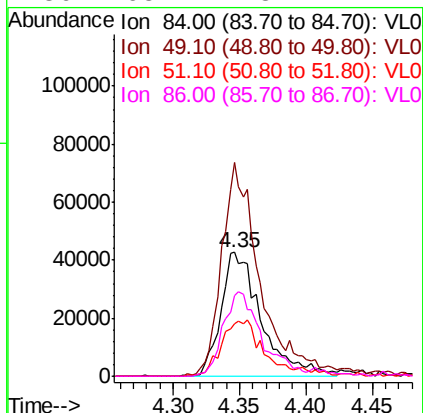


#20
Methvlene Chloride
Concen: 1.381 ppbv m
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Mar 2021 00:57

Tot Ion:
Ion Ratio
84 100
49 172.
51 42.
86 65.2 48.2 72.4

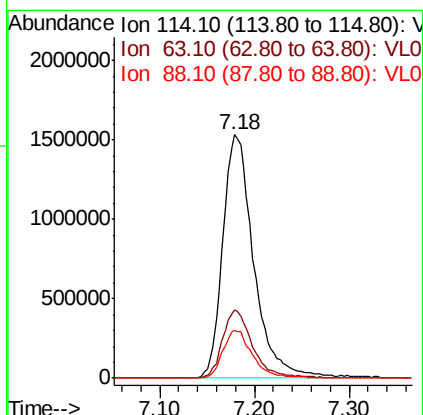
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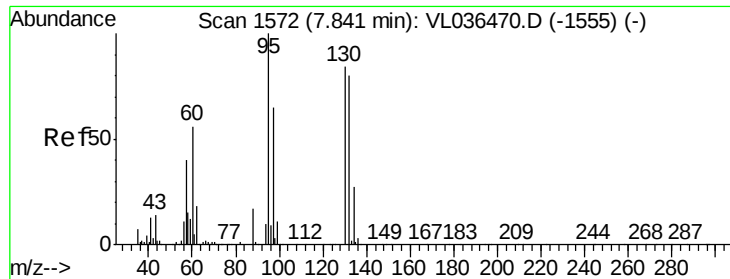
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL036501.D
Acq: 26 Mar 2021 00:57

Tgt Ion:114 Resp: 3481830
Ion Ratio Lower Upper
114 100
63 27.6 22.4 33.6
88 19.1 15.4 23.0





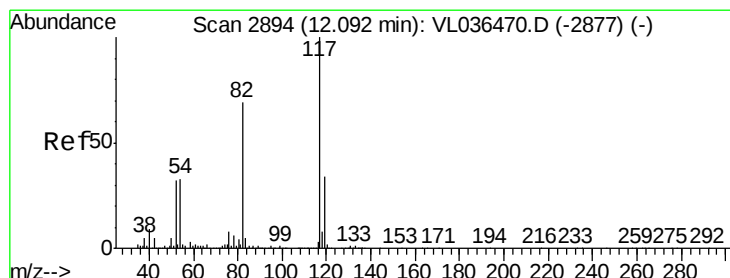
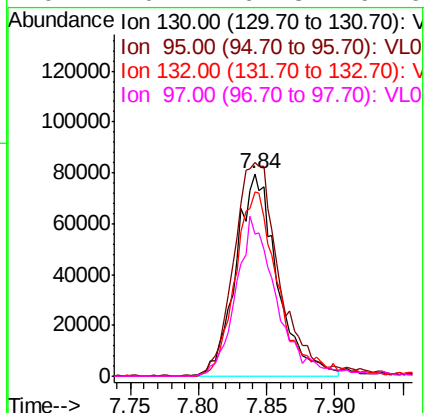
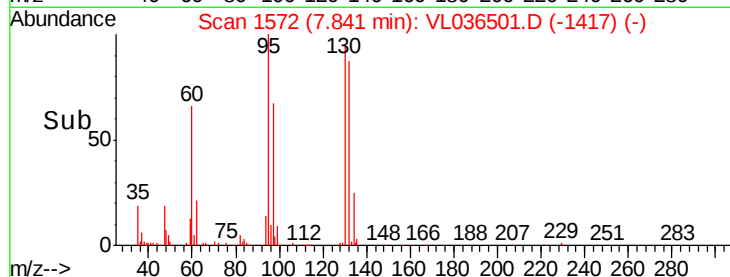
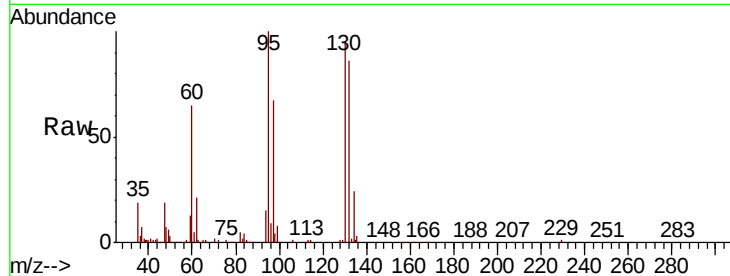
#38
 Trichloroethene
 Concen: 1.342 ppbv
 RT: 7.84
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 26 Mar 2021 00:57

Tot Ion:1
 Ion Rati
 130 100
 95 104.
 132 90.
 97 70.2 61.8 92.6

Manual Integrations

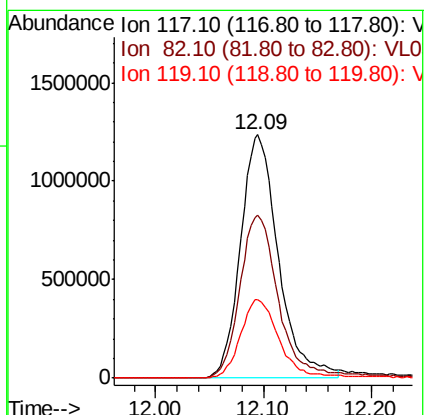
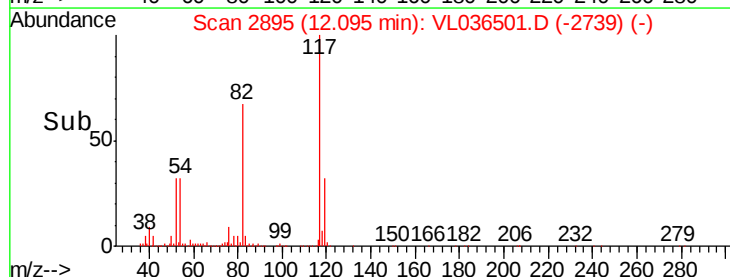
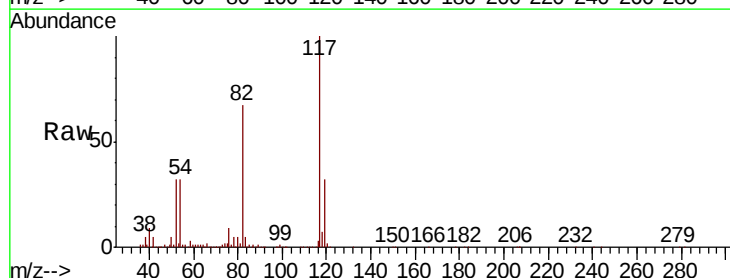
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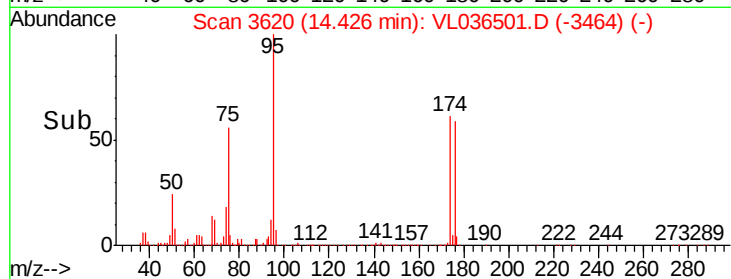
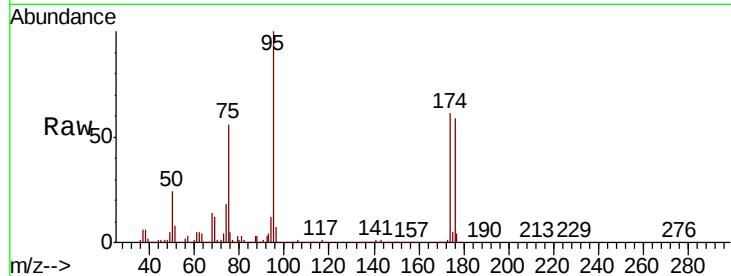
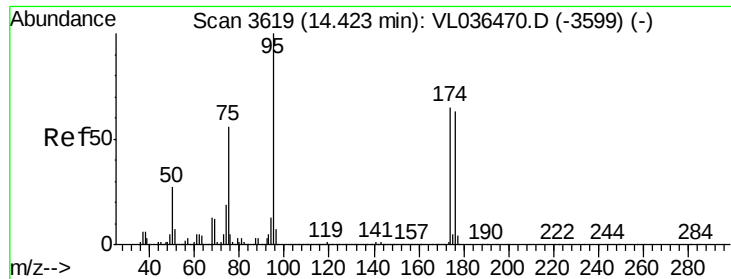
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2895
 Delta R.T. 0.00 min
 Lab File: VL036501.D
 Acq: 26 Mar 2021 00:57

Tgt Ion:117 Resp: 3022029
 Ion Ratio Lower Upper
 117 100
 82 70.7 57.4 86.0
 119 34.1 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.541 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Mar 2021 09:57

Tot Ion:

Ion Ratio

95 100

174 68.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021

