

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036490.D
 Acq On : 25 Mar 2021 17:27
 Operator : SY/AP
 Sample : M1748-30 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-1(2021)

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 23:26:15 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	1461309	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3487871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3051469	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2375881	9.77	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	59233m	5.715	ppbv	
15) Acetone	3.86	43	112020	0.779	ppbv #	67
20) Methylene Chloride	4.34	84	62621	0.930	ppbv #	90
38) Trichloroethene	7.84	130	21176m	0.169	ppbv	
52) Tetrachloroethene	11.22	164	50931m	0.430	ppbv	

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

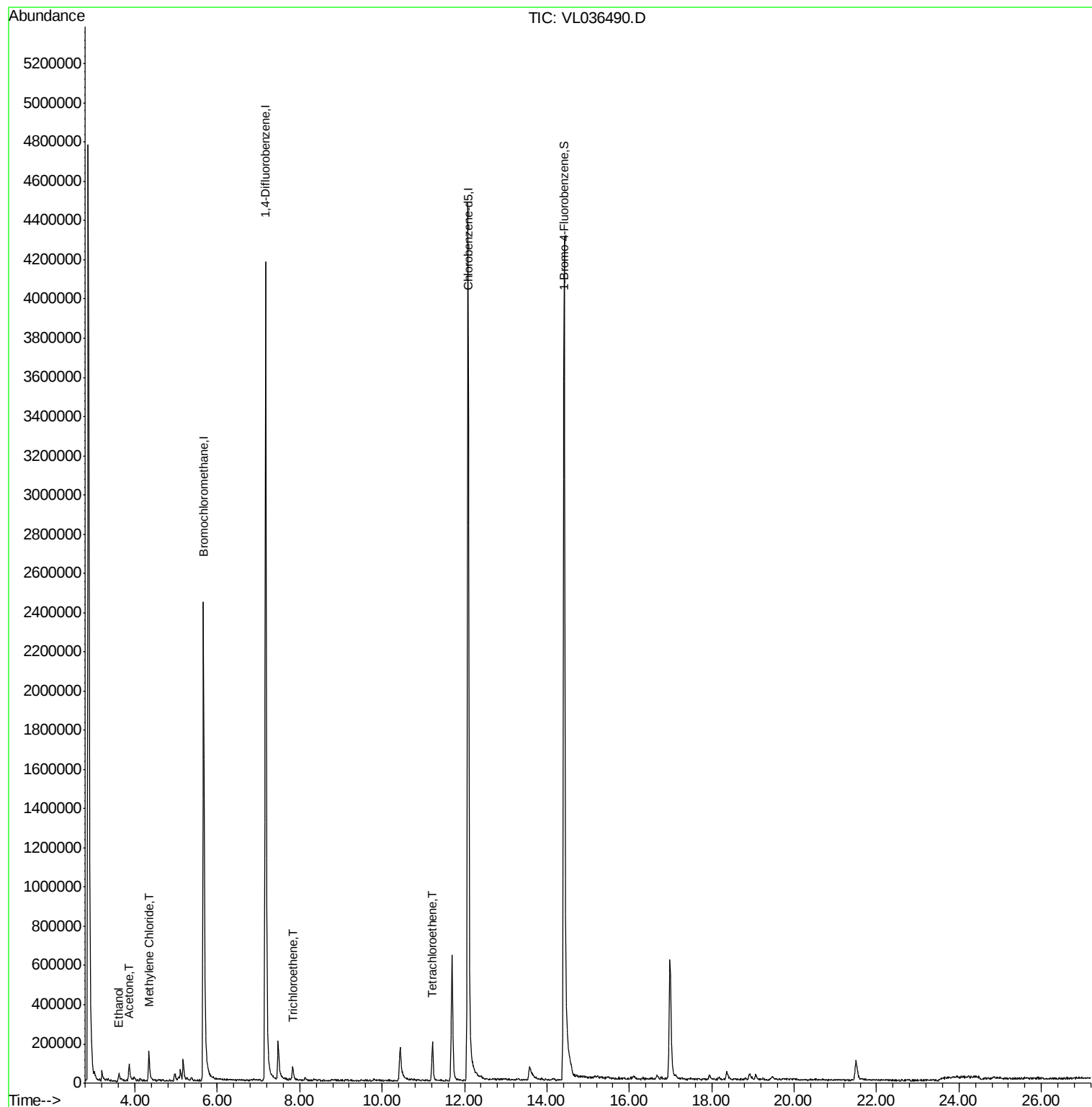
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
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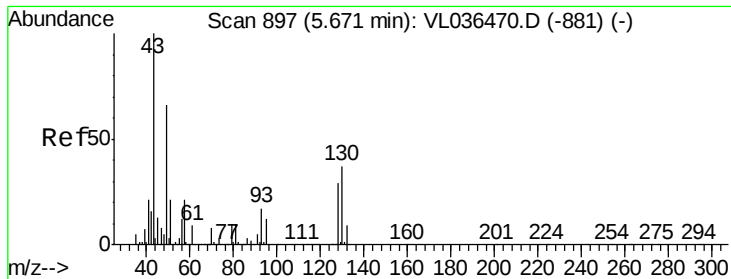
Instrument :
MSVOA_L
ClientSampleId :
UP-SG-1(2021)

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: UP-SG-1(2021)

Acq: 25 Mar 2021 17:27

Tot Ion:

Ion Ratio

49 100

128 45.

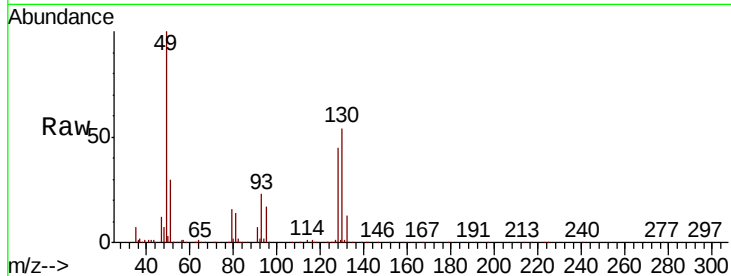
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

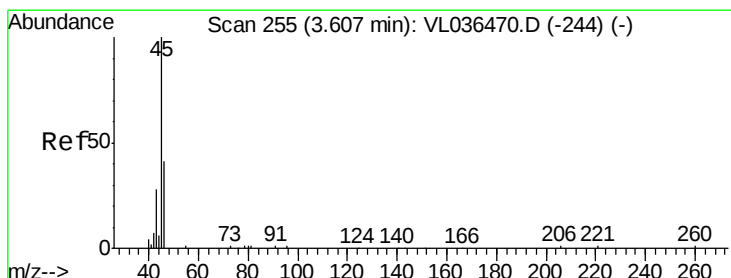
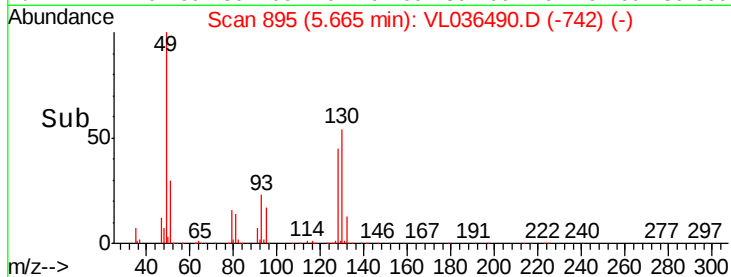
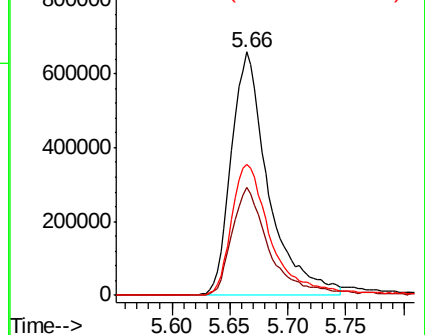
Supervised By :Mahesh Dadoda 03/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 5.715 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.01 min

Lab File: VL036490.D

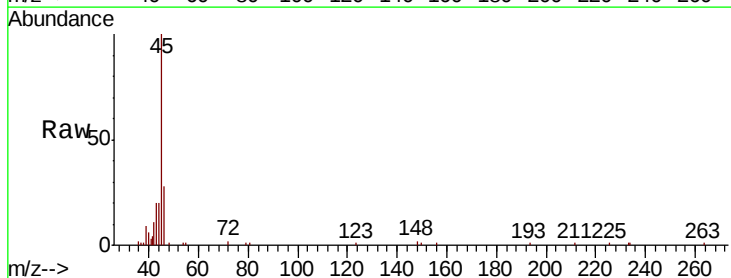
Acq: 25 Mar 2021 17:27

Tgt Ion: 45 Resp: 59233

Ion Ratio Lower Upper

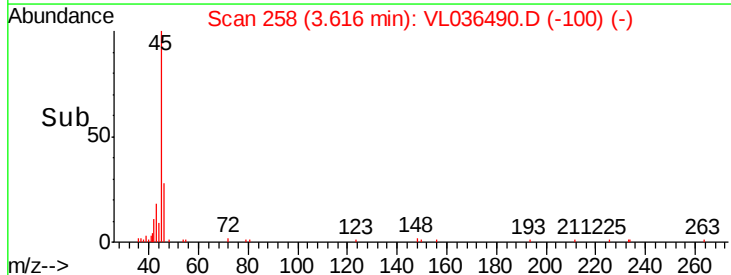
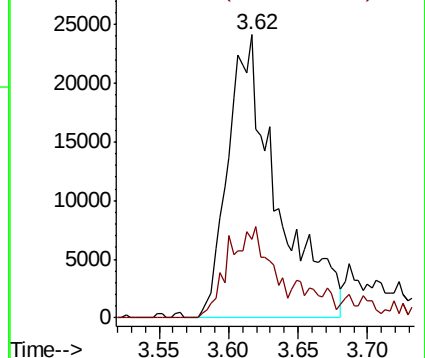
45 100

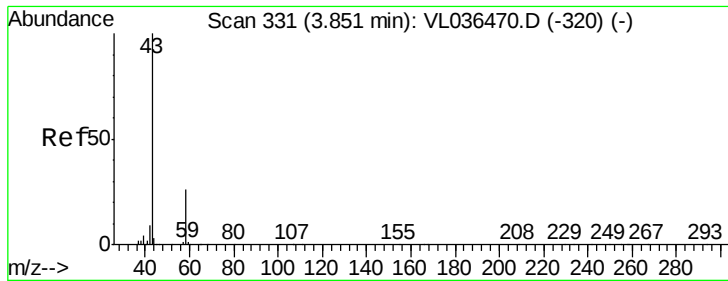
46 0.0 16.6 66.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.779 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 17:27

Tot Ion:

Ion Ratio

43 100

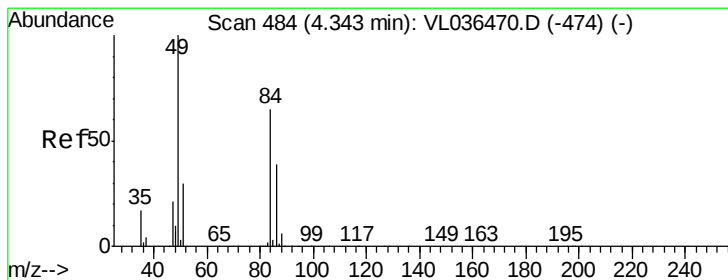
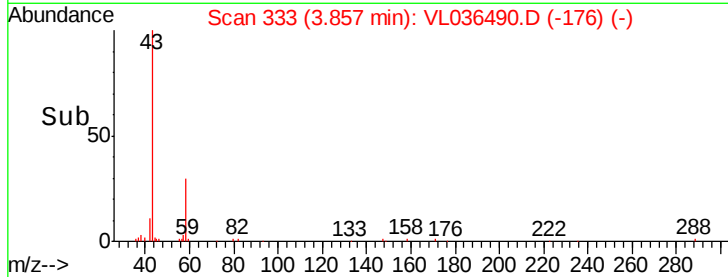
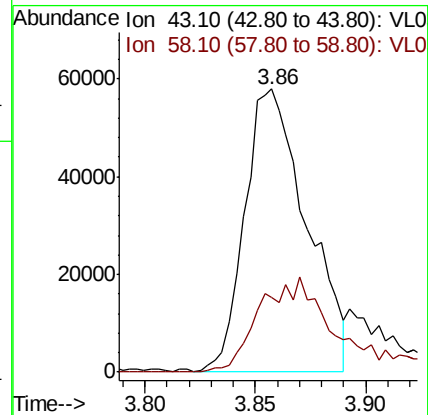
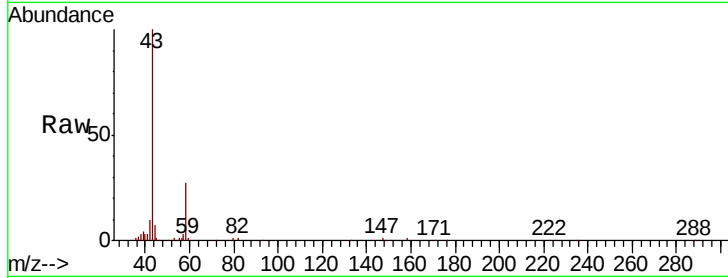
58 43.

Manual Integrations

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Supervised By :Mahesh Dadoda 03/29/2021



#20

Methylene Chloride

Concen: 0.930 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036490.D

Acq: 25 Mar 2021 17:27

Tgt Ion: 84 Resp: 62621

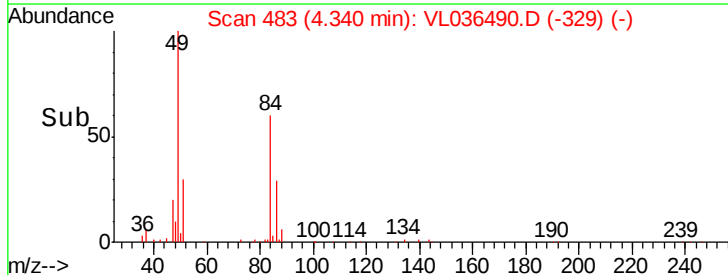
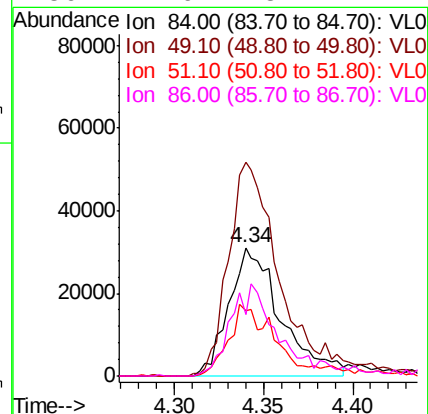
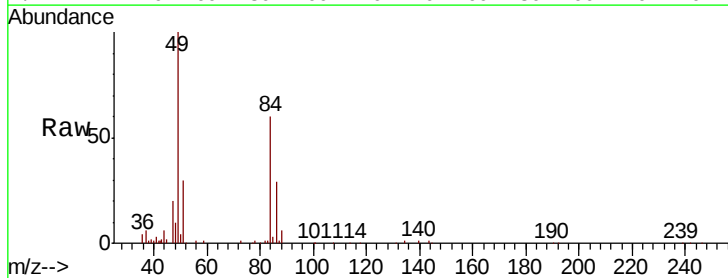
Ion Ratio Lower Upper

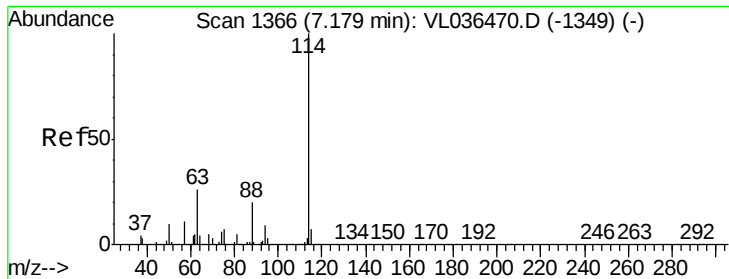
84 100

49 165.2 122.9 184.3

51 50.8 36.9 55.3

86 47.6 48.2 72.4#



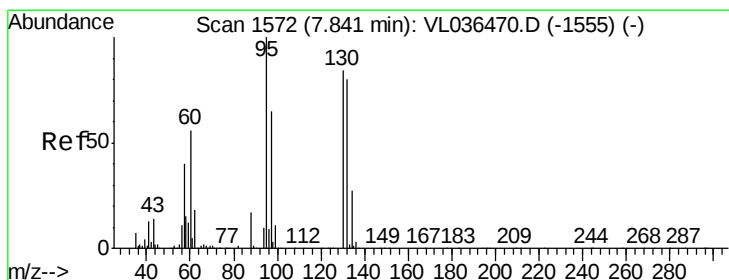
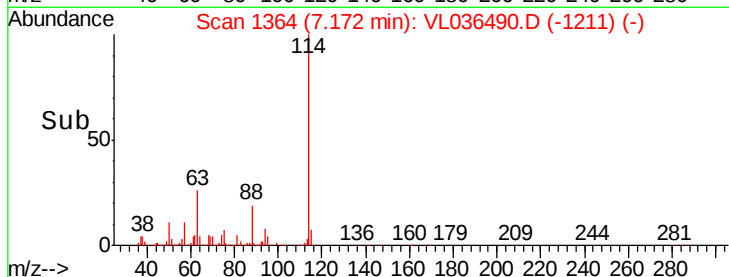
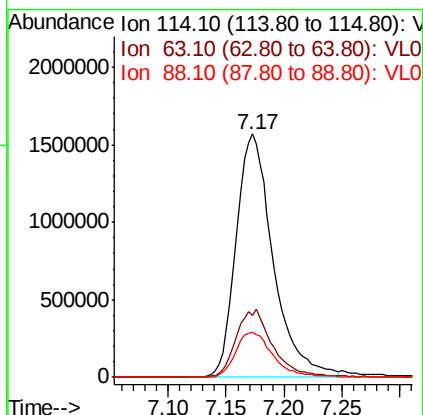
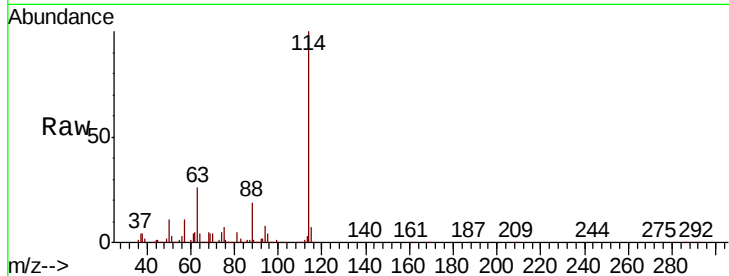


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 UP-SG-1(2021)
 Acq: 25 Mar 2021 17:27

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 19.

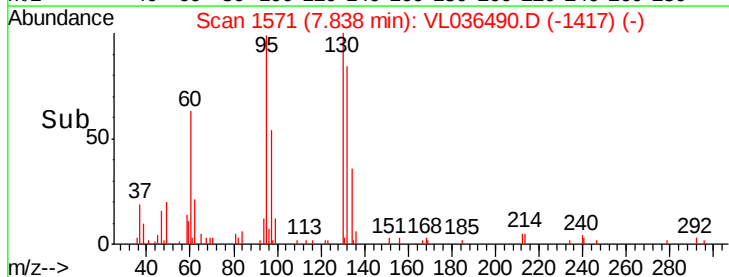
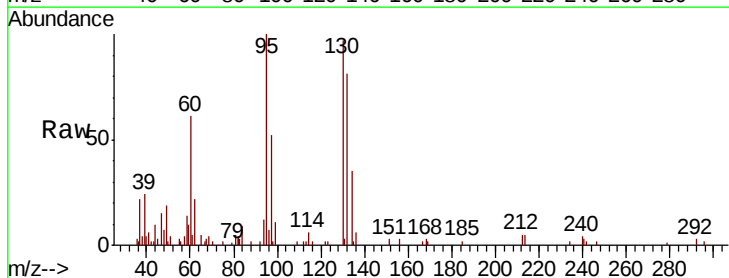
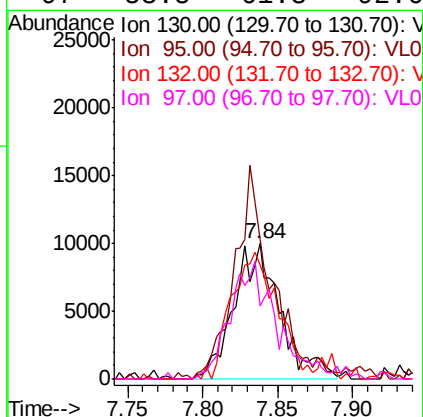
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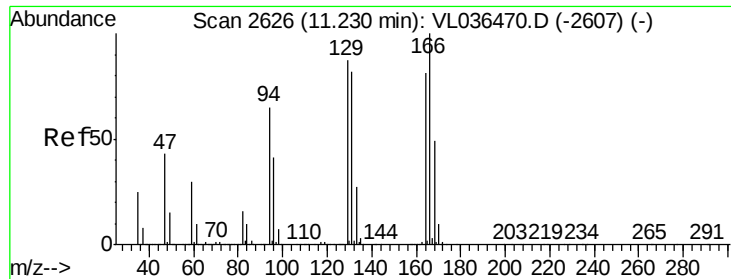
Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#38
 Trichloroethene
 Concen: 0.169 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036490.D
 Acq: 25 Mar 2021 17:27

Tgt Ion:130 Resp: 21176
 Ion Ratio Lower Upper
 130 100
 95 103.4 95.7 143.5
 132 84.1 76.2 114.4
 97 53.5 61.8 92.6#





#52

Tetrachloroethene

Concen: 0.430 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

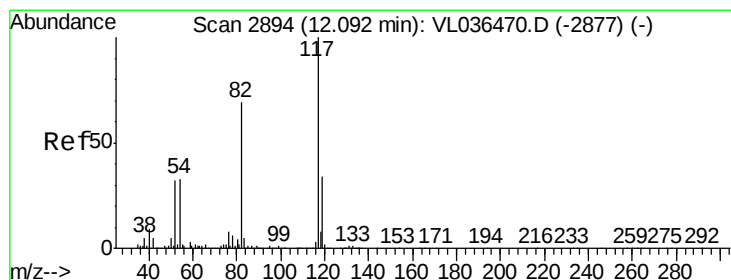
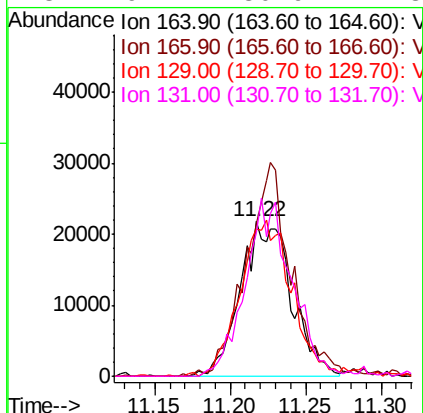
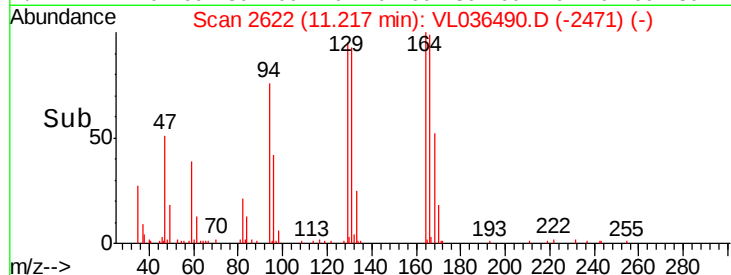
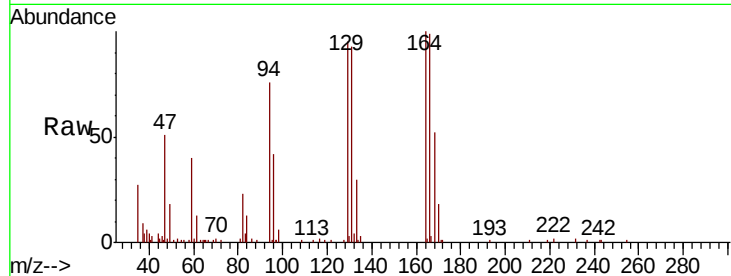
Lab File: ClientSampleId :

Acq: 25 Mar 2021 17:27

Tot Ion:1
Ion Ratio
164 100
166 98.
129 95.
131 92.7 80.9 121.3

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Supervised By :Mahesh Dadoda 03/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

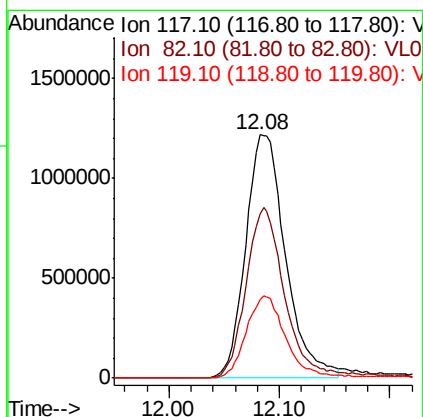
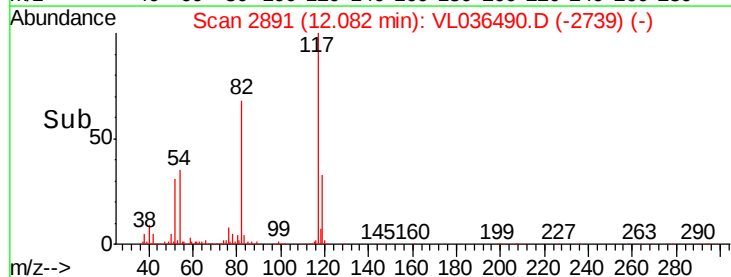
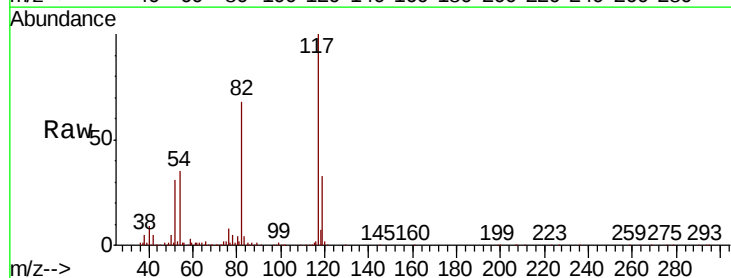
RT: 12.08 min Scan# 2891

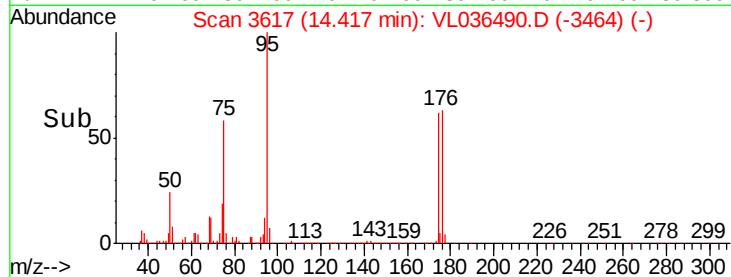
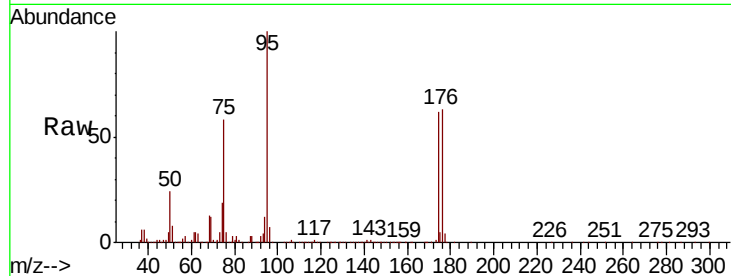
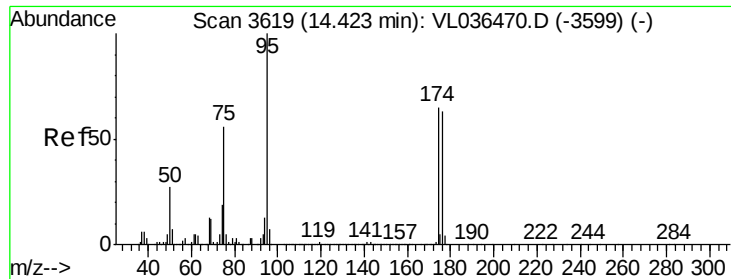
Delta R.T. -0.01 min

Lab File: VL036490.D

Acq: 25 Mar 2021 17:27

Tgt Ion:117 Resp: 3051469
Ion Ratio Lower Upper
117 100
82 70.2 57.4 86.0
119 34.4 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.769 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

UP-SG-1(2021)

Acq: 25 Mar 2021 17:27

Tot Ion:

Ion Ratio

95 100

174 68.

175 4.

Manual Integrations

APPROVED

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