

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036494.D
 Acq On : 25 Mar 2021 20:00
 Operator : SY/AP
 Sample : M1748-34 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-2(2021)

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/28/2021
 Supervised By :Mahesh Dadoda 03/29/2021

Quant Time: Mar 28 23:30:24 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	1513240	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3427313	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3087051	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2423124	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds					Ovalue
13) Ethanol	3.61	45	67656m	6.303	ppbv
15) Acetone	3.86	43	140310m	0.942	ppbv
20) Methylene Chloride	4.34	84	31821m	0.456	ppbv
38) Trichloroethene	7.83	130	40352m	0.328	ppbv
52) Tetrachloroethene	11.22	164	9731m	0.084	ppbv

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

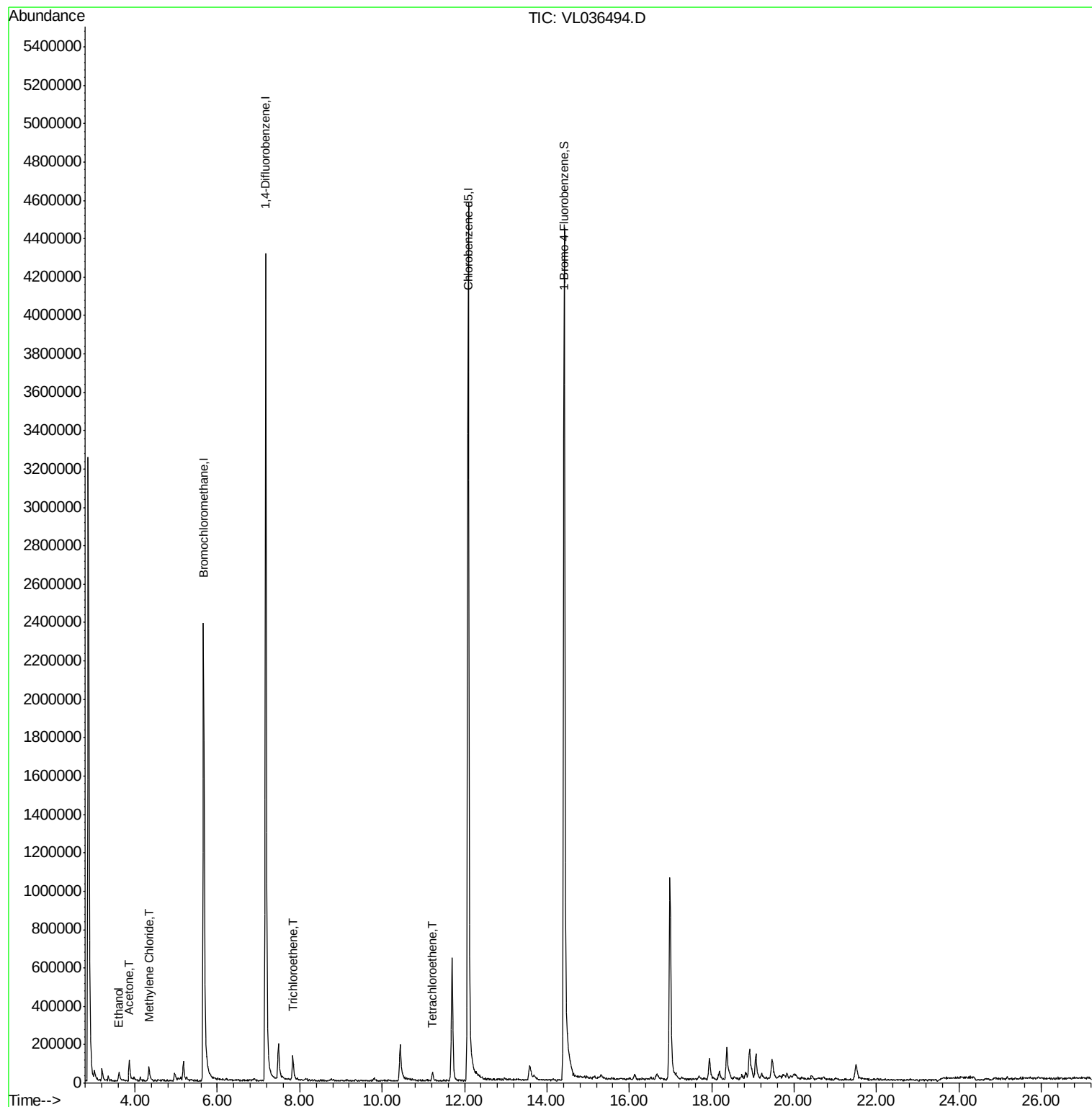
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
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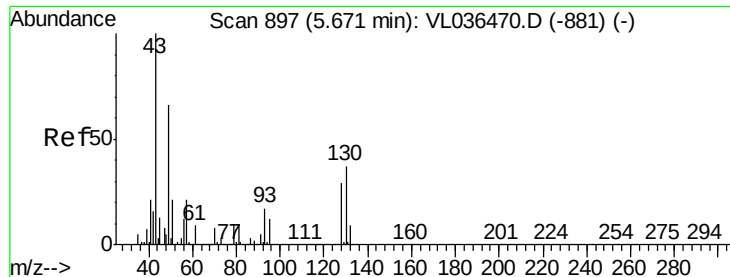
Instrument :
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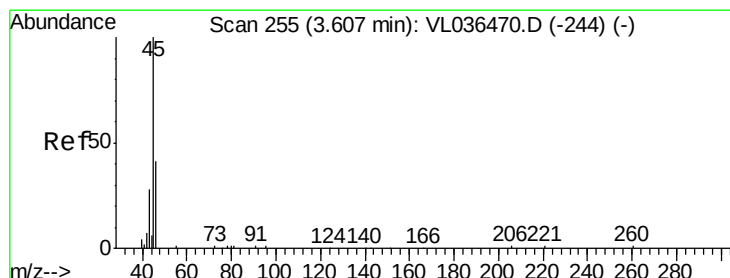
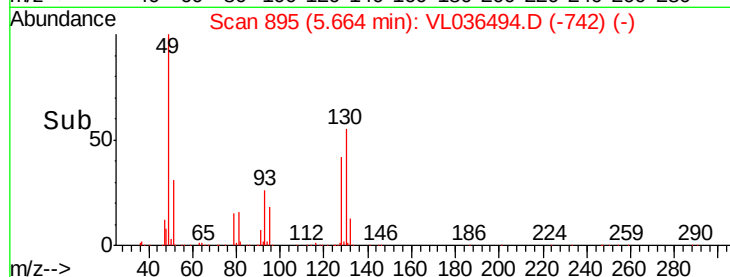
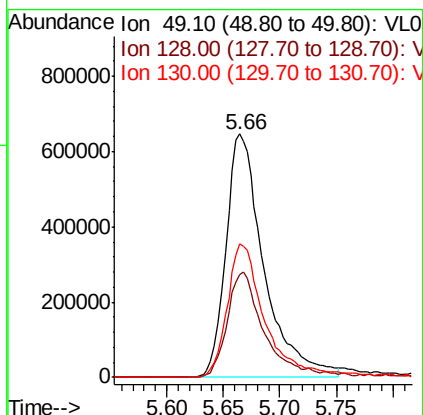
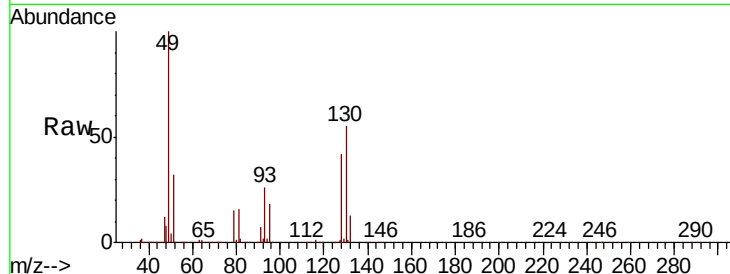


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 20:00

Tot Ion:
 Ion Ratio
 49 100
 128 44.
 130 55.

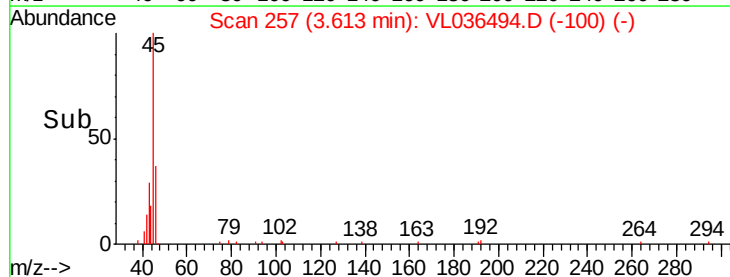
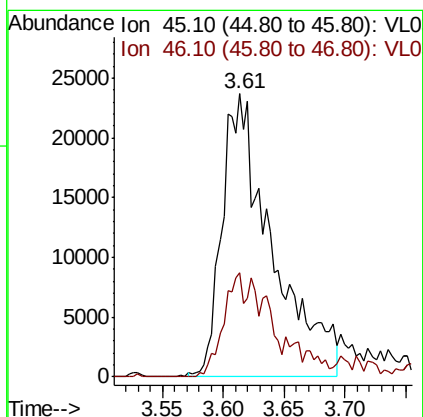
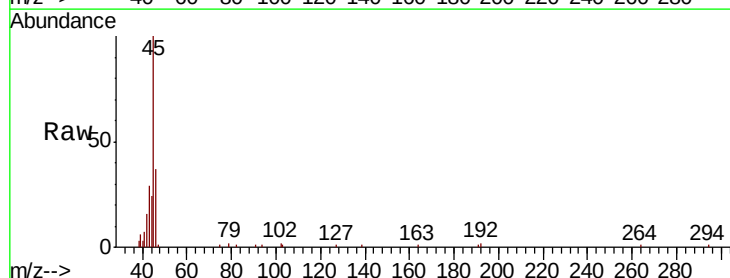
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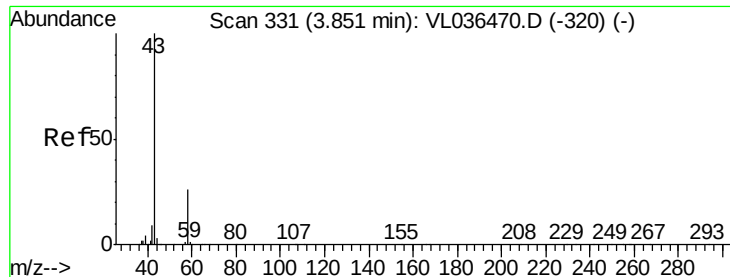
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 Supervised By :Mahesh Dadoda 03/29/2021



#13
 Ethanol
 Concen: 6.303 ppbv m
 RT: 3.61 min Scan# 257
 Delta R.T. 0.01 min
 Lab File: VL036494.D
 Acq: 25 Mar 2021 20:00

Tgt Ion: 45 Resp: 67656
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.6 66.2#



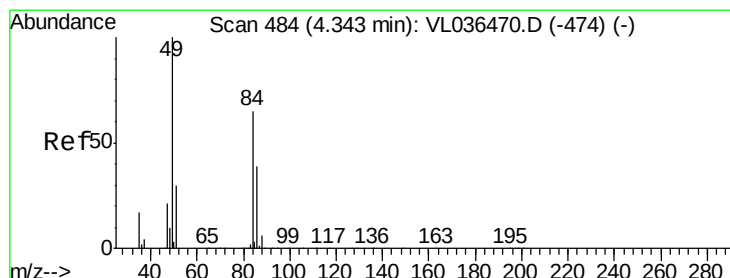
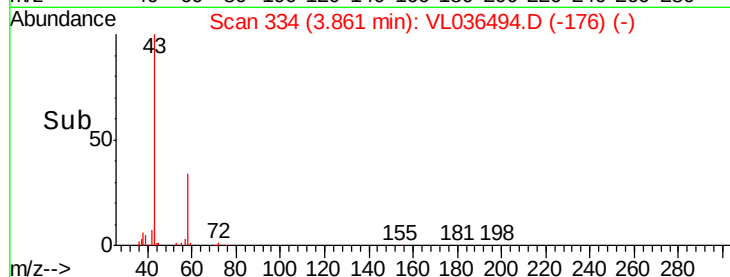
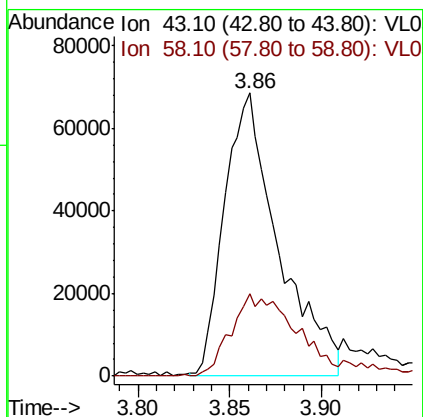
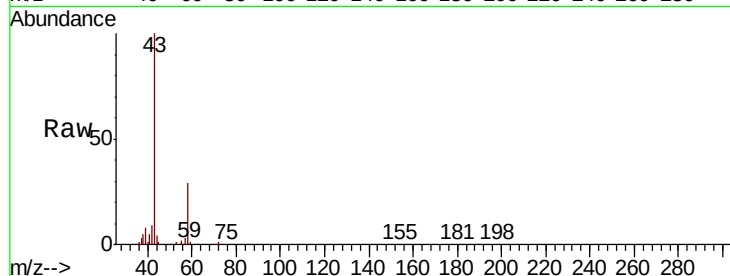


#15
Acetone
Concen: 0.942 ppbv m
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 20:00

Tot Ion:
Ion Ratio
43 100
58 37.

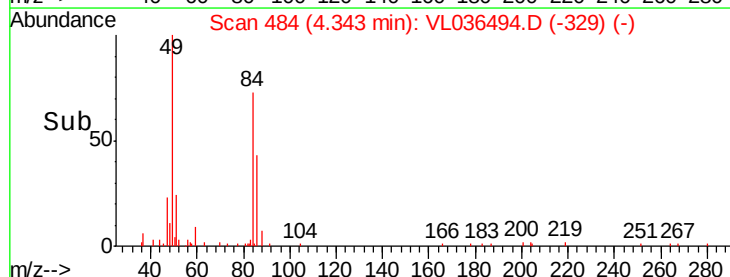
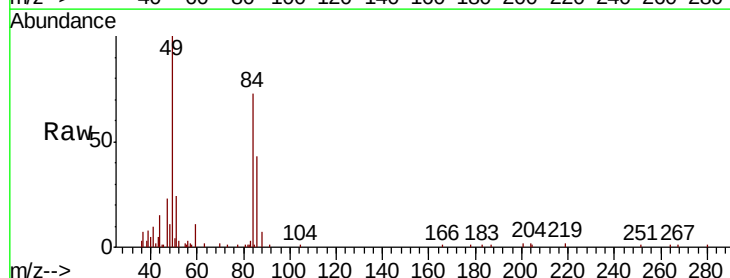
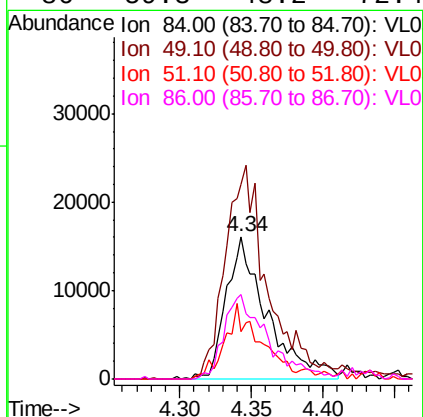
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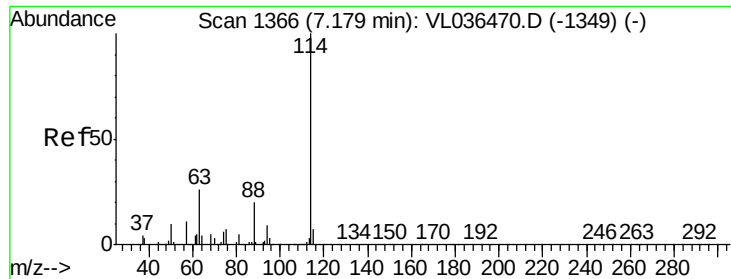
Reviewed By :Semsettin Yesilyurt 03/28/2021
Supervised By :Mahesh Dadoda 03/29/2021



#20
Methylene Chloride
Concen: 0.456 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036494.D
Acq: 25 Mar 2021 20:00

Tgt Ion: 84 Resp: 31821
Ion Ratio Lower Upper
84 100
49 136.7 122.9 184.3
51 32.9 36.9 55.3#
86 59.3 48.2 72.4



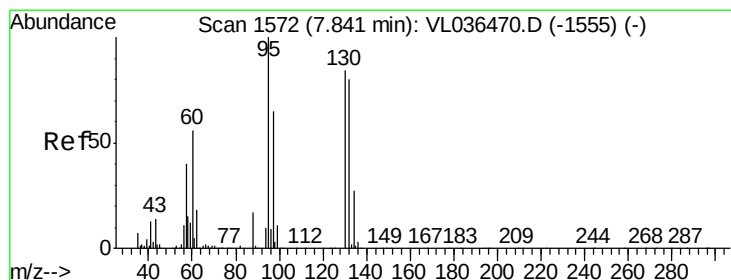
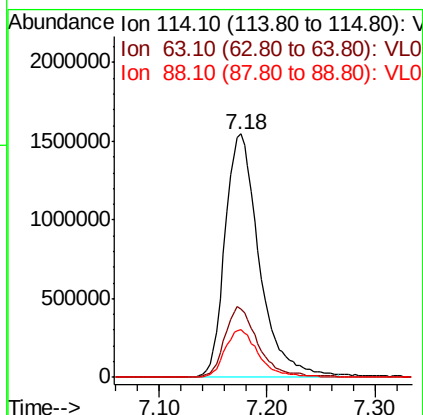
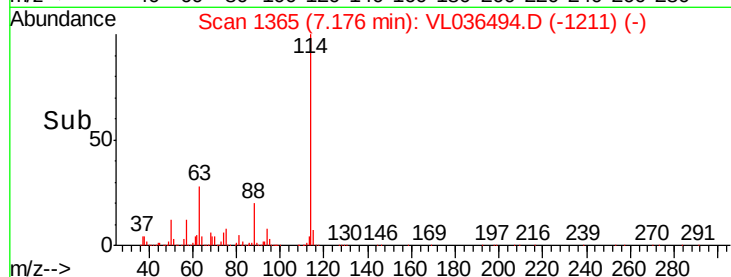
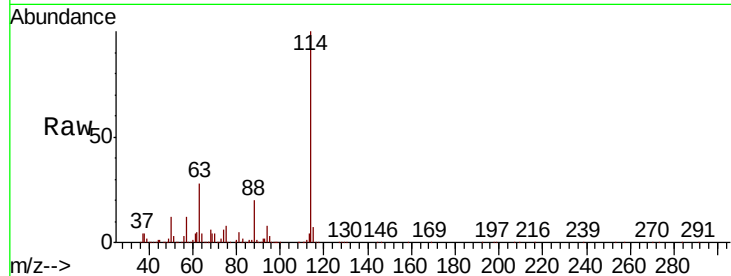


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 25 Mar 2021 20:00

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

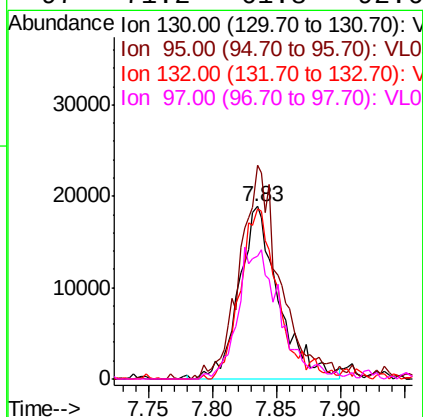
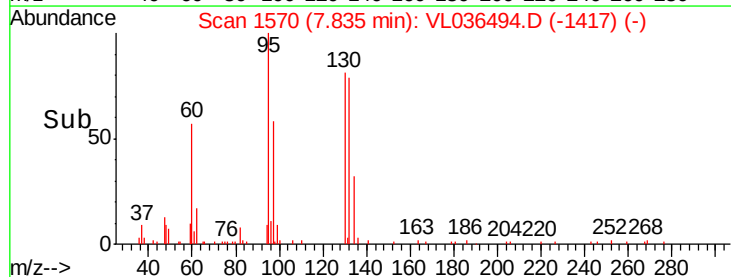
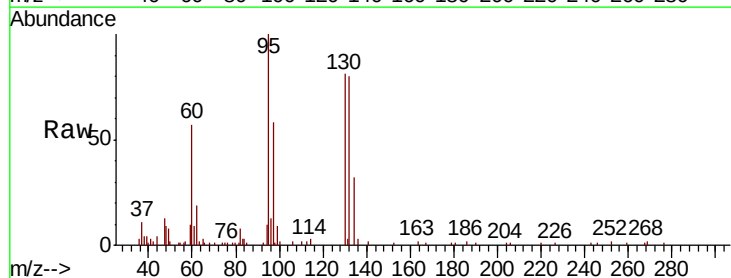
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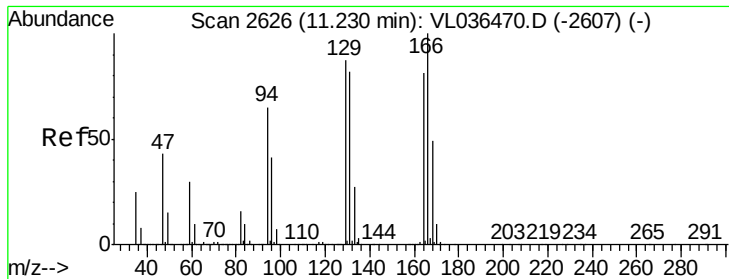
Reviewed By :Semsettin Yesilyurt 03/28/2021
 Supervised By :Mahesh Dadoda 03/29/2021



#38
 Trichloroethene
 Concen: 0.328 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036494.D
 Acq: 25 Mar 2021 20:00

Tgt Ion:130 Resp: 40352
 Ion Ratio Lower Upper
 130 100
 95 123.9 95.7 143.5
 132 98.6 76.2 114.4
 97 71.2 61.8 92.6





#52

Tetrachloroethene

Concen: 0.084 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 20:00

Tot Ion:1

Ion Rati

164 100

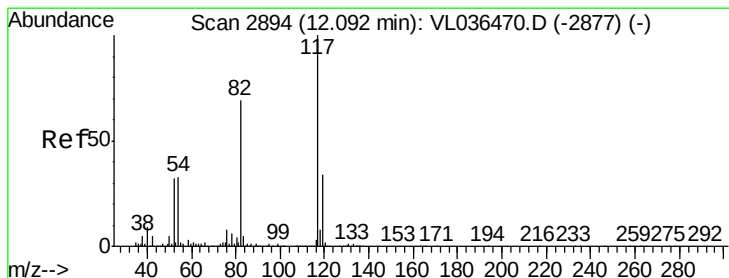
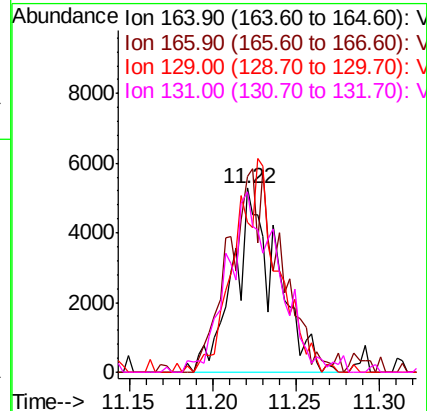
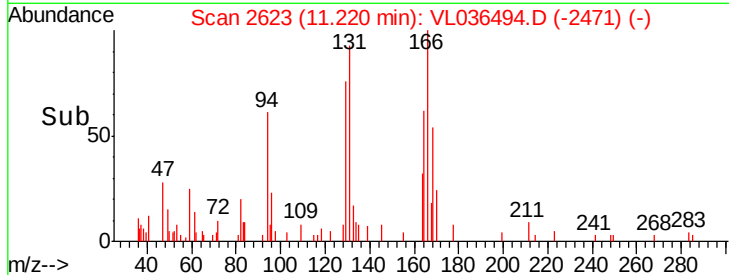
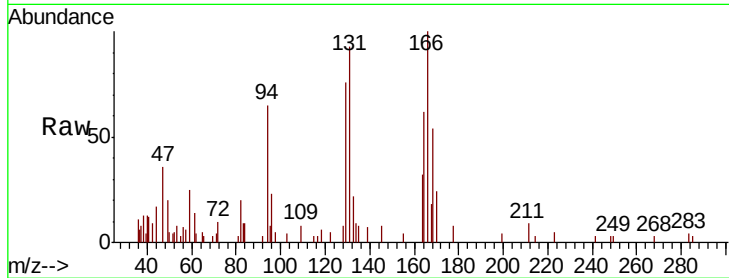
166 161.

129 122.

131 149.0 80.9 121.3#

Manual Integrations
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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL036494.D

Acq: 25 Mar 2021 20:00

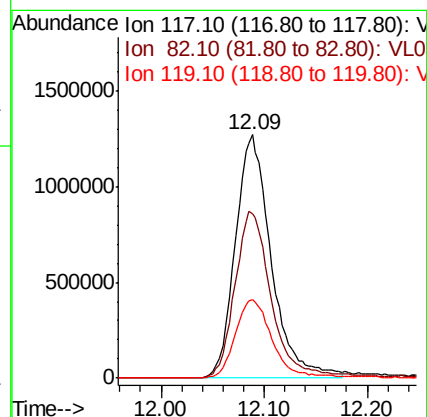
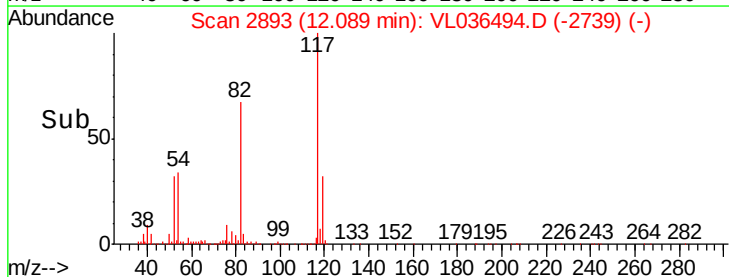
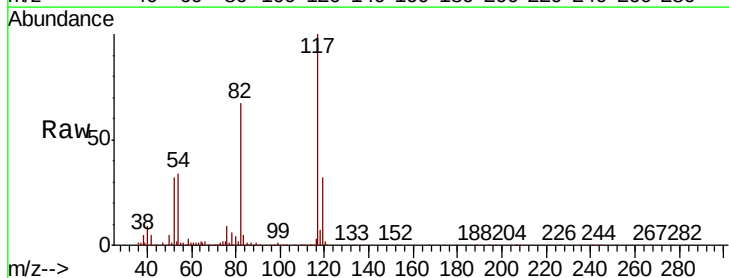
Tgt Ion:117 Resp: 3087051

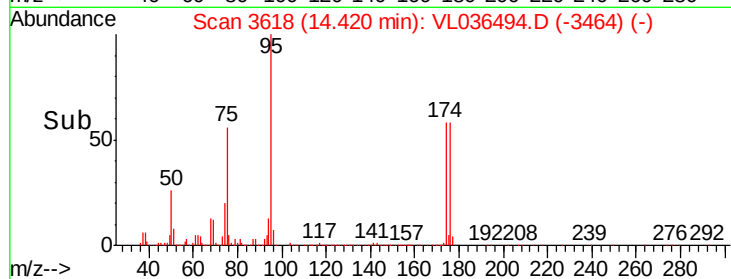
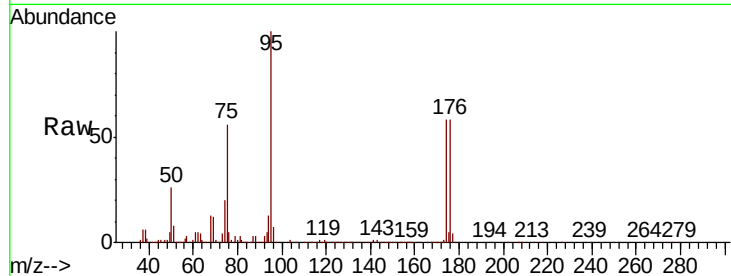
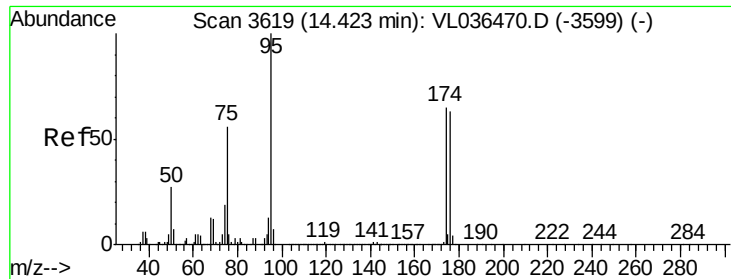
Ion Ratio Lower Upper

117 100

82 71.3 57.4 86.0

119 34.0 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.848 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 25 Mar 2021 20:00

Tot Ion:

Ion Ratio

95 100

174 65.

175 4.

Manual Integrations

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