

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036489.D
 Acq On : 25 Mar 2021 16:49
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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

Quant Time: Mar 26 07:09:33 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	1411115	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3626454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3109531	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2425022	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds					Ovalue
15) Acetone	3.88	43	33393m	0.240	ppbv
20) Methylene Chloride	4.34	84	7533m	0.116	ppbv

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

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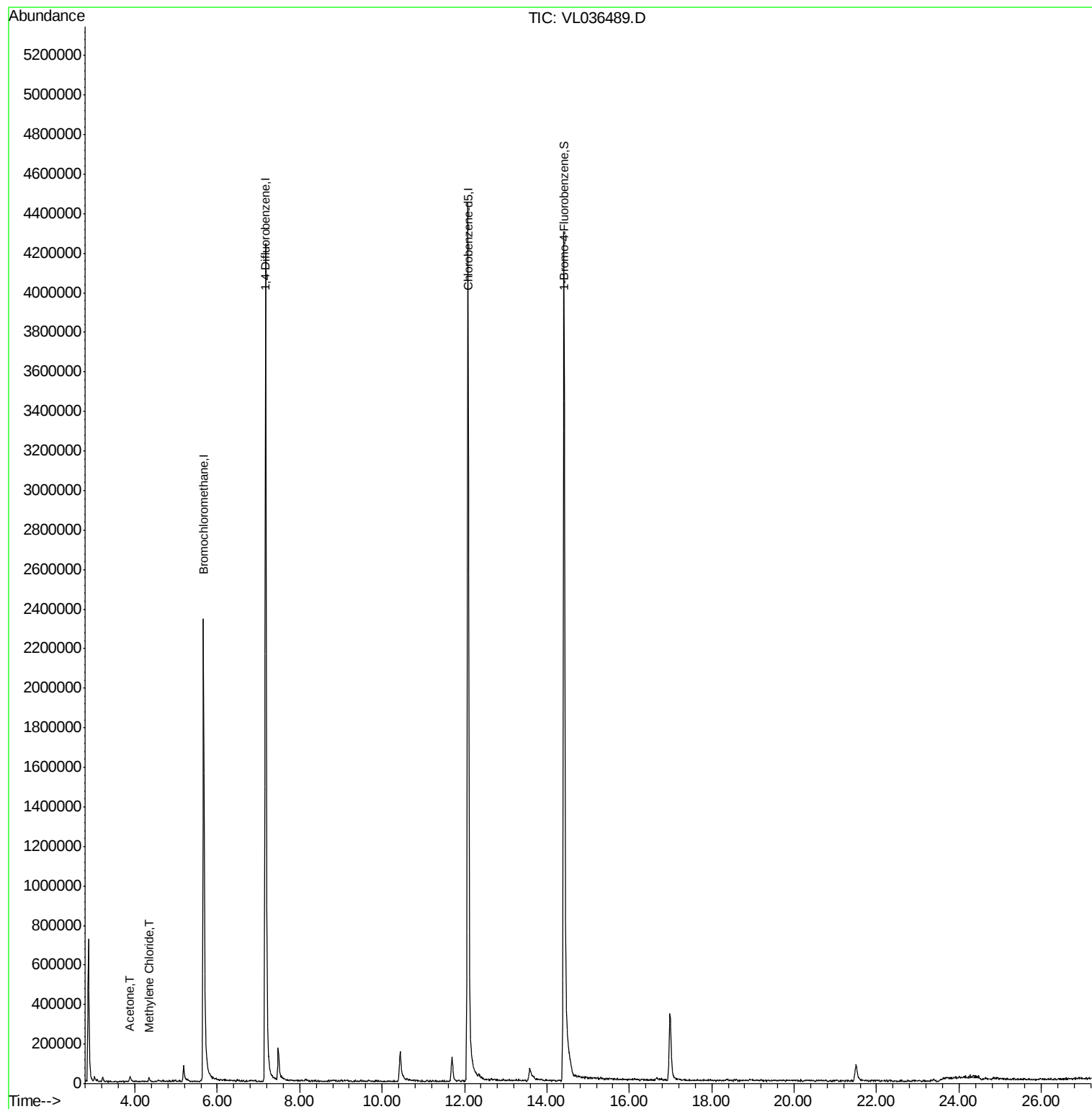
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:49

Tot Ion:

Ion Ratio

49 100

128 48.

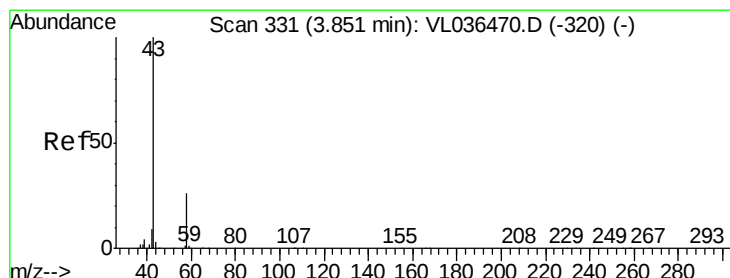
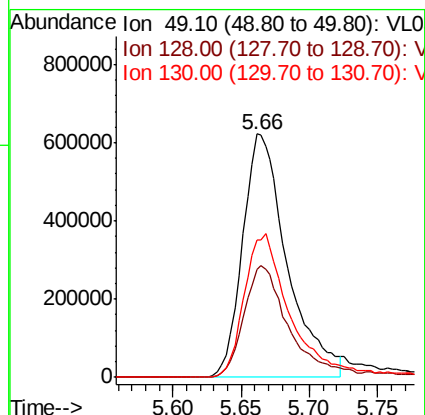
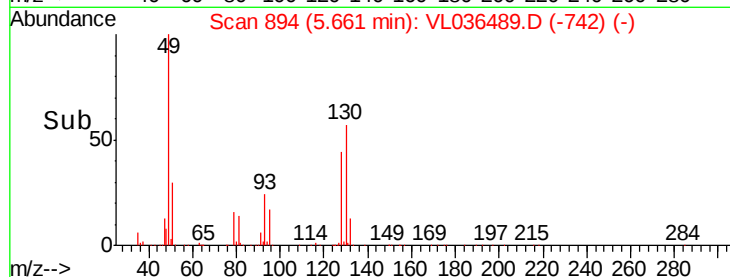
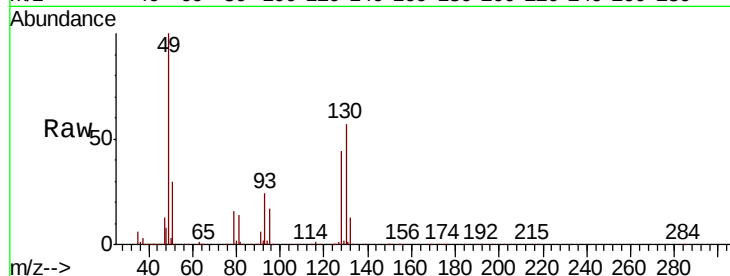
130 62.

Manual Integrations

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#15

Acetone

Concen: 0.240 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL036489.D

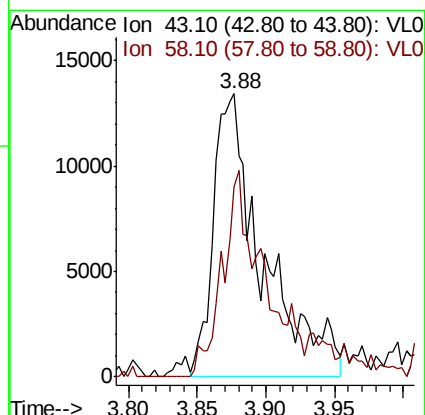
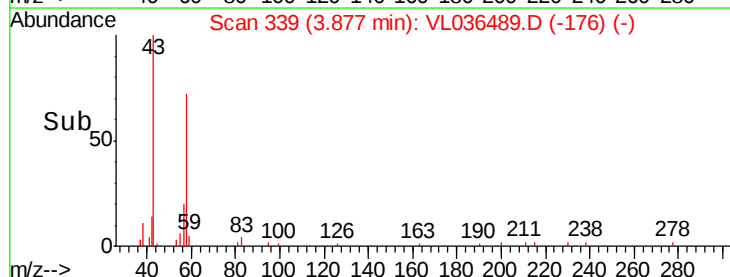
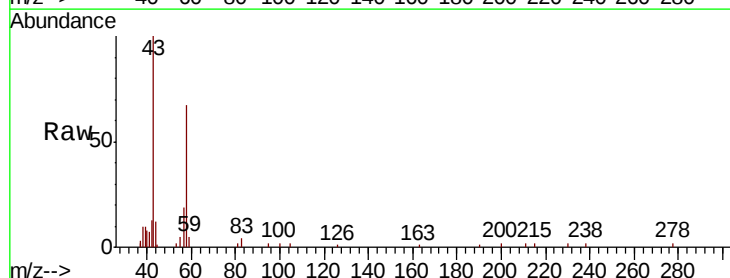
Acq: 25 Mar 2021 16:49

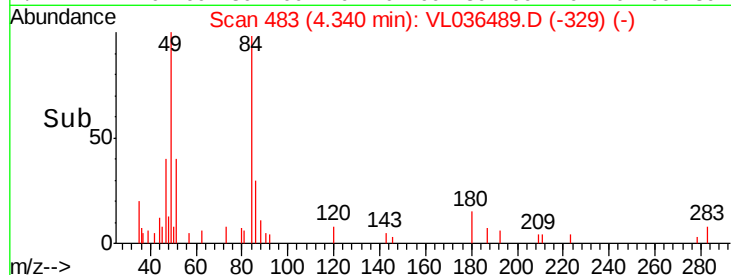
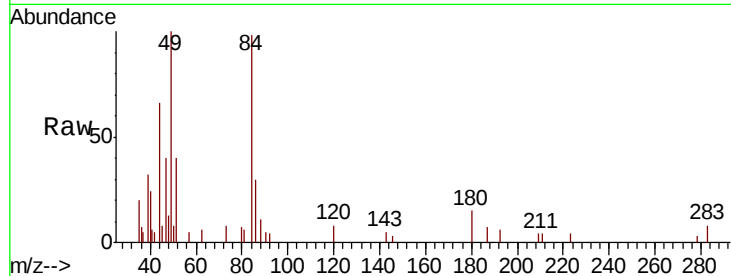
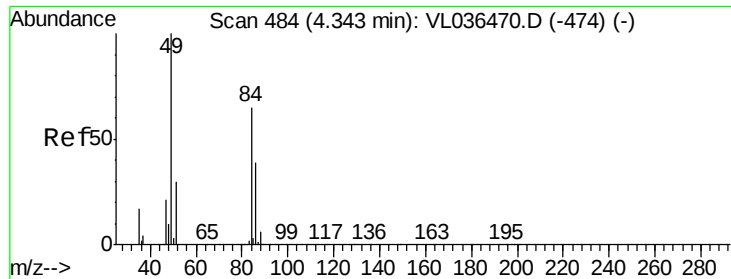
Tgt Ion: 43 Resp: 33393

Ion Ratio Lower Upper

43 100

58 0.0 21.2 31.8#



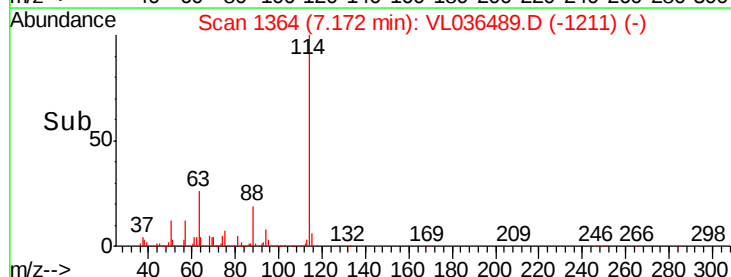
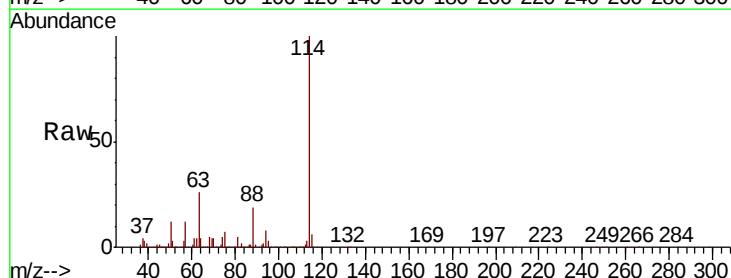
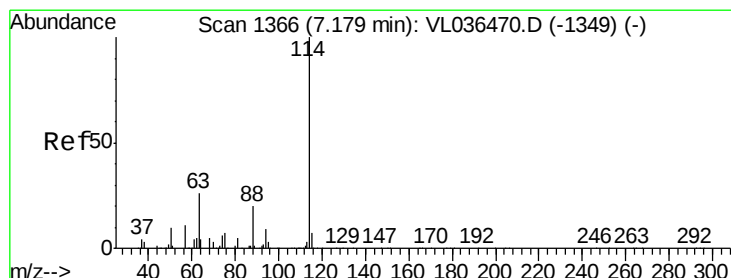
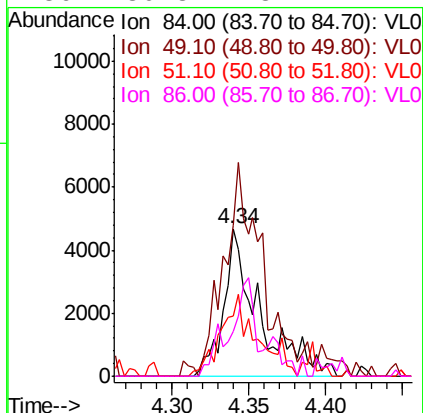


#20
Methvlene Chloride
Concen: 0.116 ppbv m
RT: 4.34
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 25 Mar 2021 16:49

Tot Ion:
Ion Ratio
84 100
49 102.
51 40.
86 30.3 48.2 72.4#

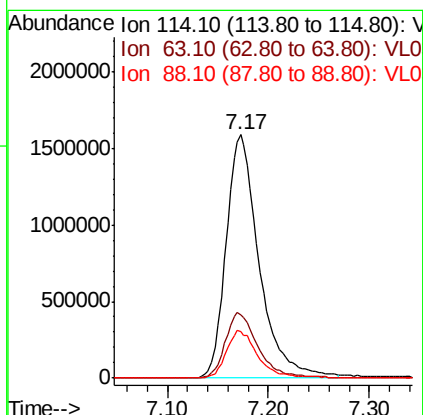
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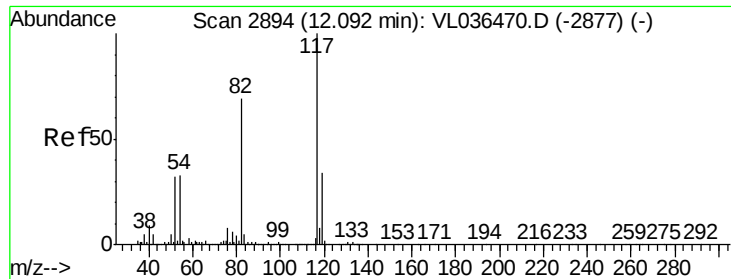
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036489.D
Acq: 25 Mar 2021 16:49

Tgt Ion:114 Resp: 3626454
Ion Ratio Lower Upper
114 100
63 27.1 22.4 33.6
88 18.8 15.4 23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09

Delta R.T. MSVOA_L

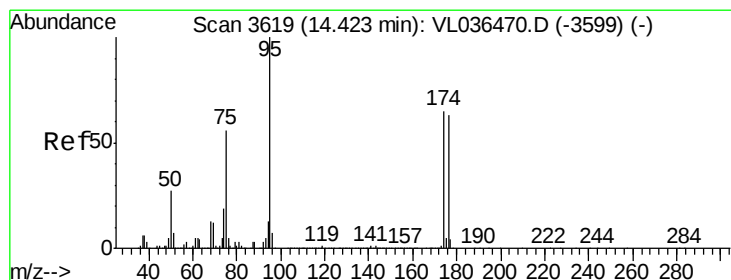
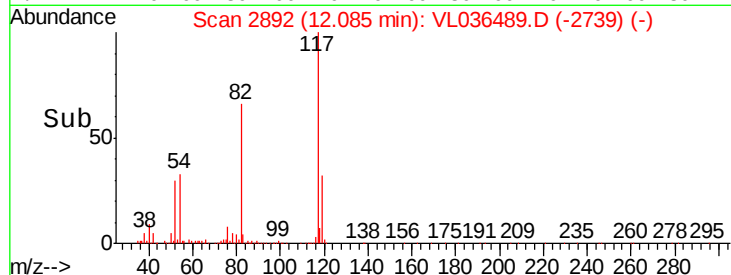
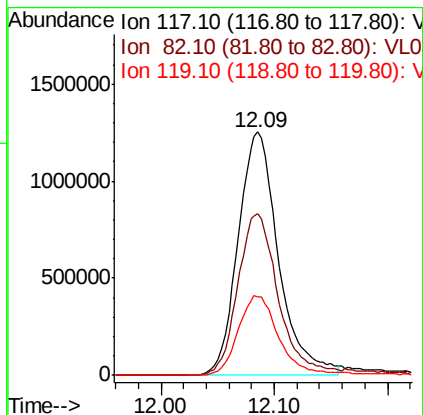
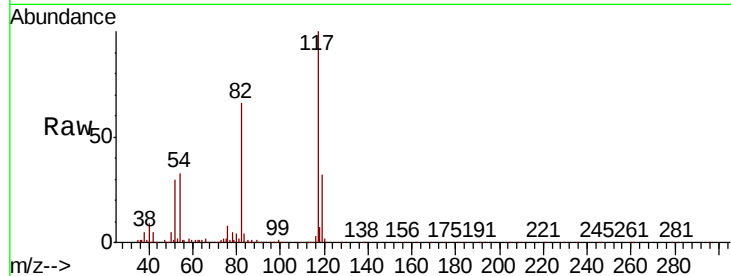
Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:49

Tot Ion: 1
Ion Ratio
117 100
82 69.
119 34.

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#68

1-Bromo-4-Fluorobenzene

Concen: 9.785 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL036489.D

Acq: 25 Mar 2021 16:49

Tgt Ion: 95 Resp: 2425022
Ion Ratio Lower Upper
95 100
174 68.7 51.0 76.6
175 5.1 3.9 5.9

