

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037846.D
 Acq On : 13 Oct 2021 1:45
 Operator : SY/AP
 Sample : M4143-01DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1ST-FLOORDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/14/2021
 Supervised By : Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 03:04:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1223844	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3702392	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3115546	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2125986	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	15449m	0.179	ppbv	
13) Ethanol	3.61	45	18188m	2.570	ppbv	
15) Acetone	3.85	43	155902	1.419	ppbv	93
20) Methylene Chloride	4.34	84	35086	0.632	ppbv #	84
34) 2-Butanone	5.26	43	38893m	0.260	ppbv	
52) Tetrachloroethene	11.21	164	76671m	0.623	ppbv	

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

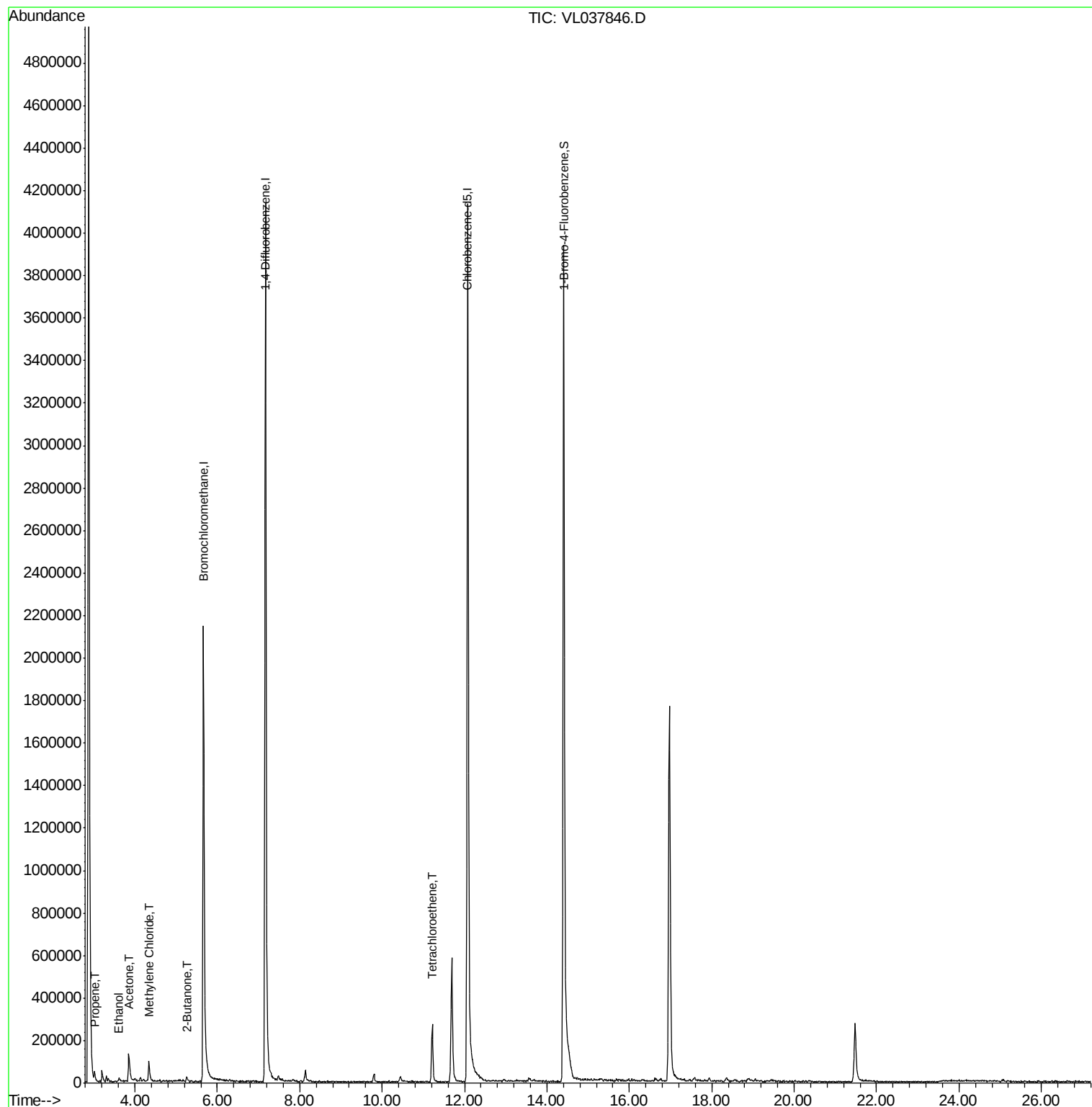
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101221\
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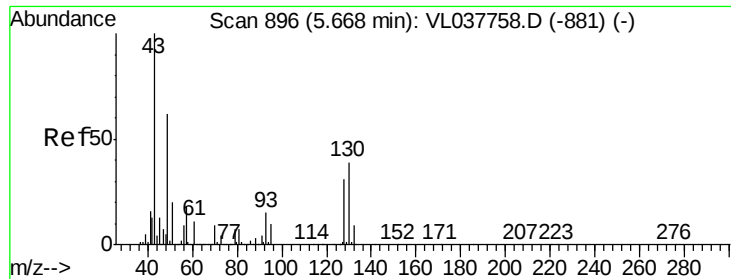
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL

Quant Time: Oct 14 03:04:12 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: 1ST-FLOORDL

Acq: 13 Oct 2021 1:45

Tot Ion:

Ion Ratio

49 100

128 55.

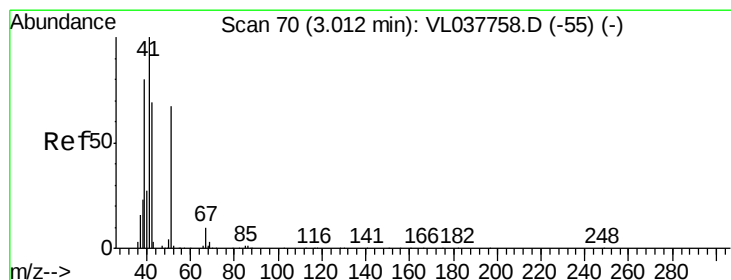
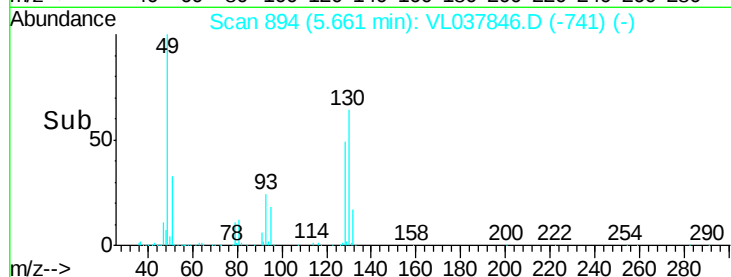
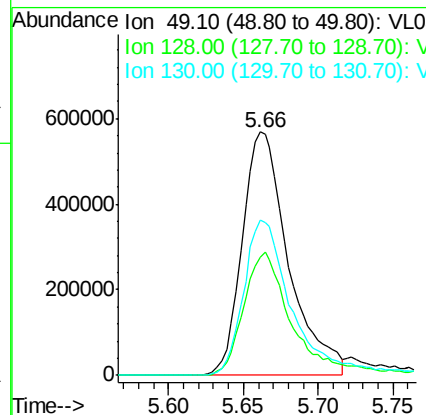
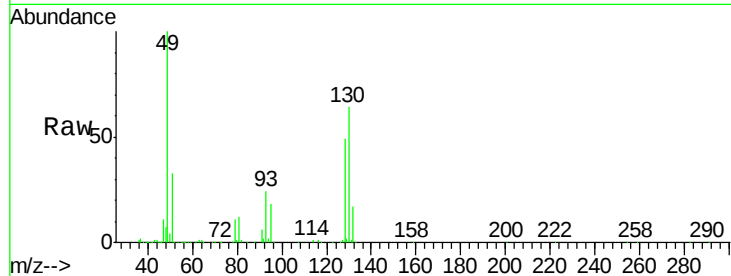
130 68.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/15/2021



#9

Propene

Concen: 0.179 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037846.D

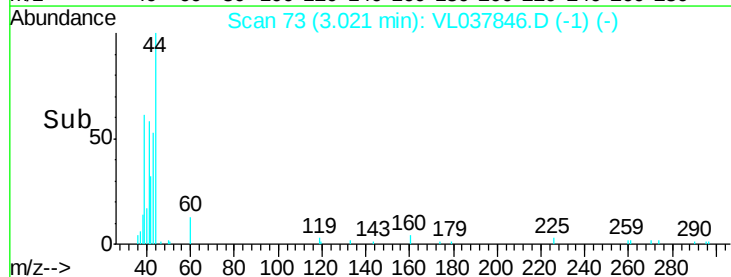
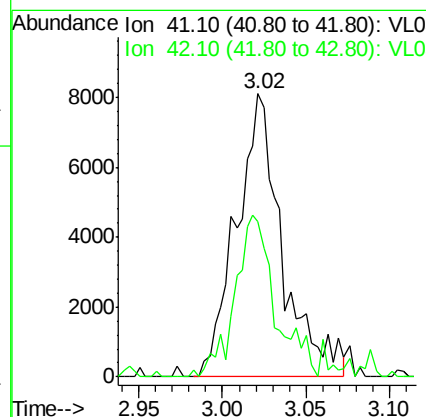
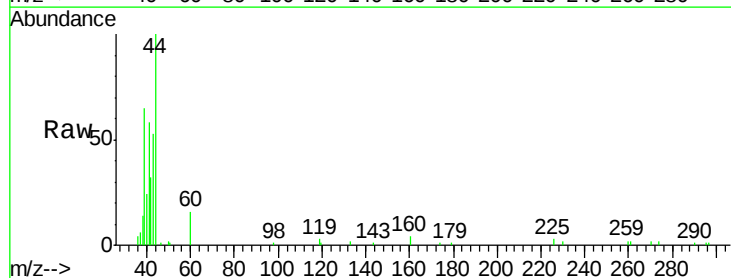
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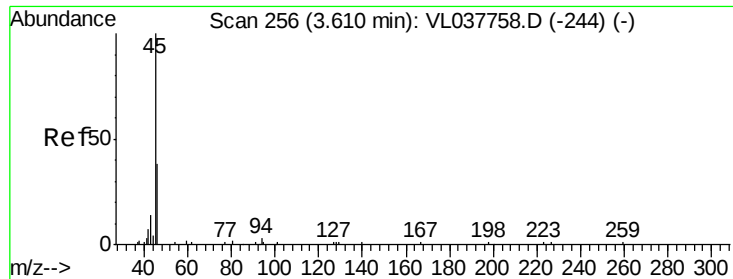
Tgt Ion: 41 Resp: 15449

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



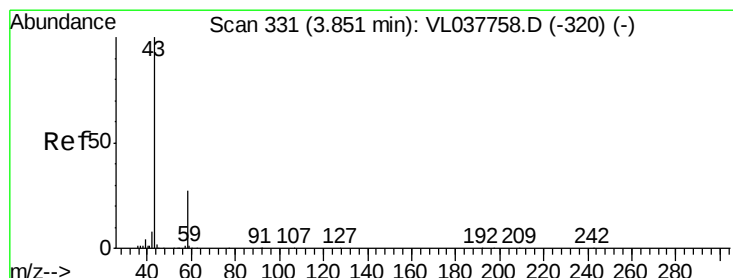
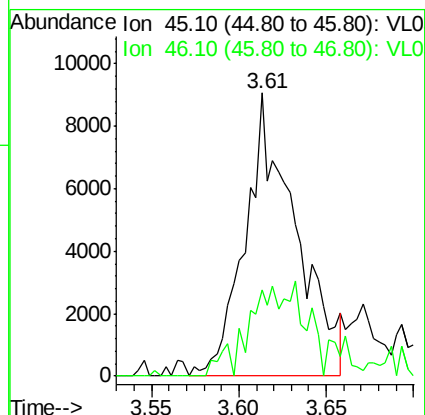
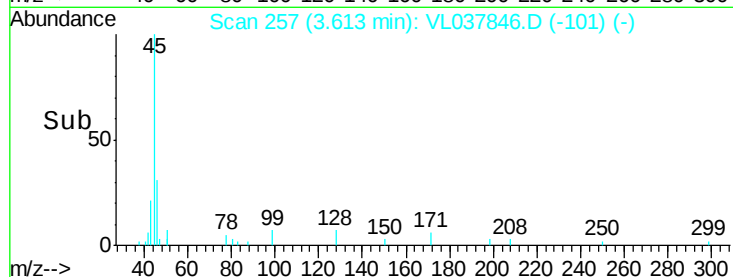
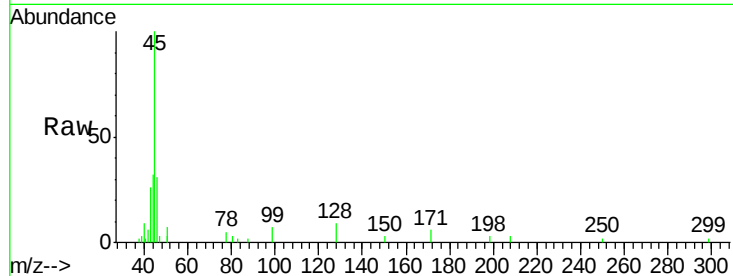


#13
Ethanol
Concen: 2.570 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:45

Tot Ion:
Ion Ratio
45 100
46 0.

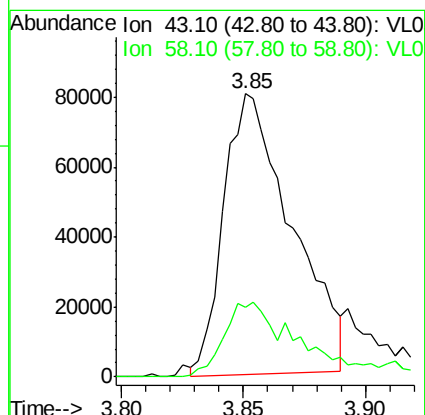
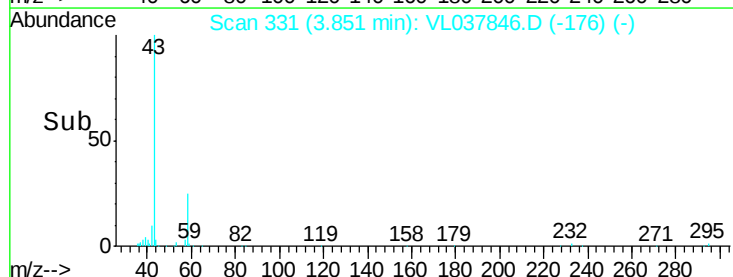
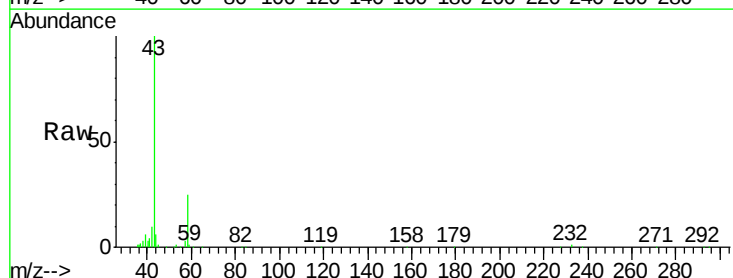
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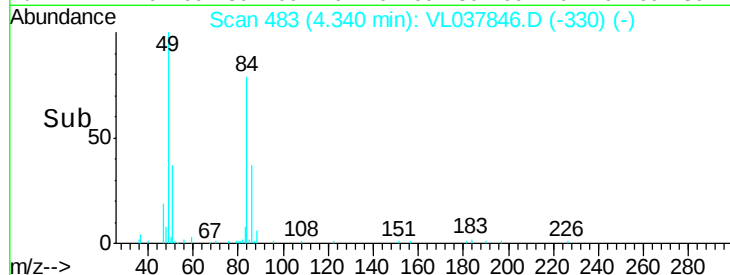
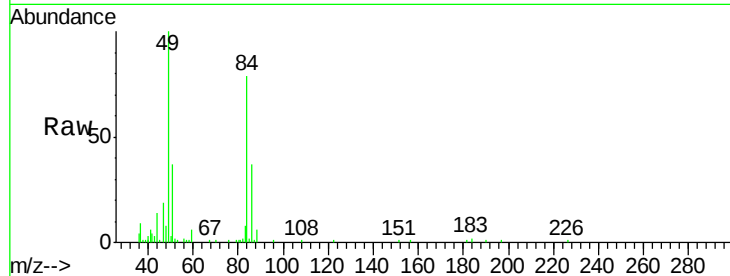
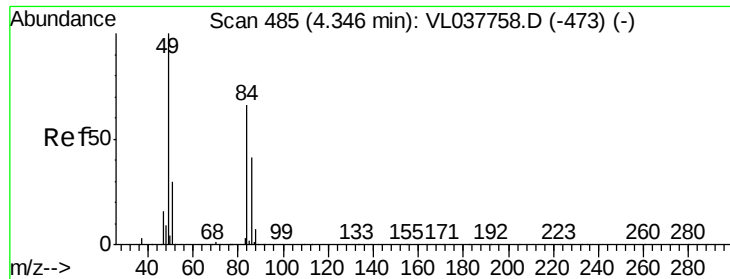
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 1.419 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

Tgt Ion: 43 Resp: 155902
Ion Ratio Lower Upper
43 100
58 32.3 23.0 34.6



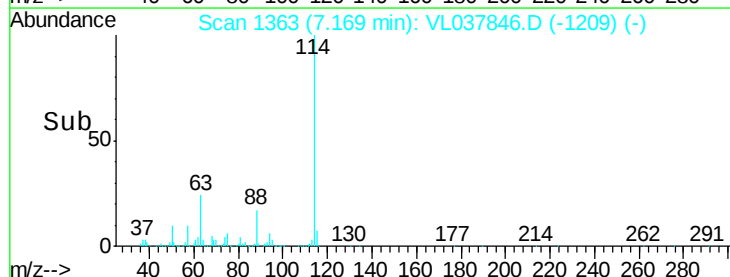
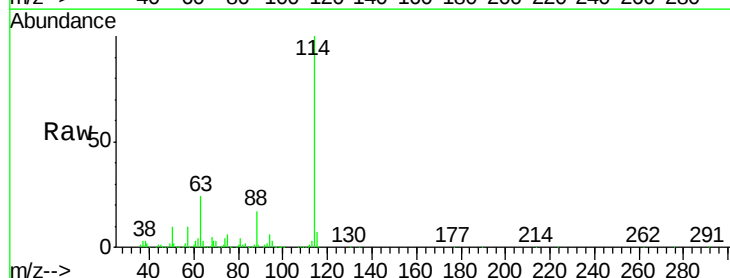
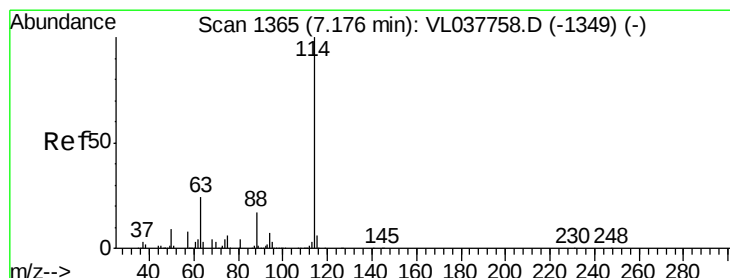
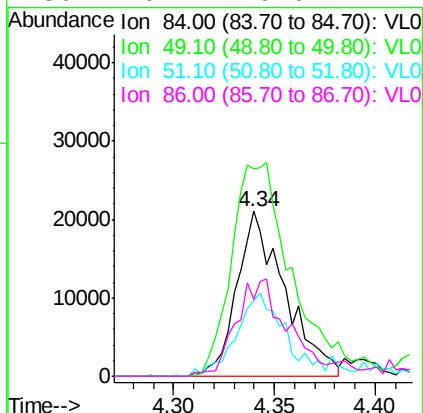


#20
Methvlene Chloride
Concen: 0.632 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Oct 2021 1:45

Tot Ion:
Ion Ratio
84 100
49 126.
51 46.
86 46.7 49.6 74.4#

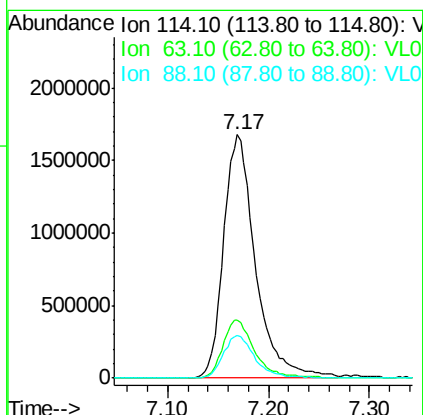
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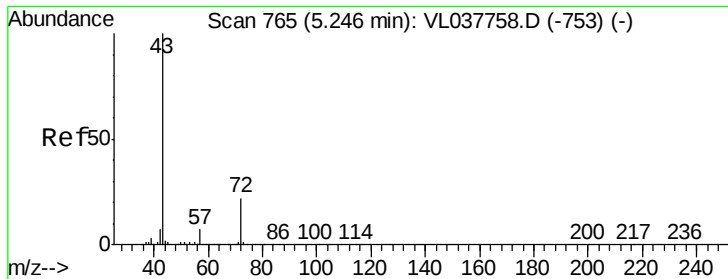
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

Tgt Ion:114 Resp: 3702392
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.2
88 17.8 14.4 21.6



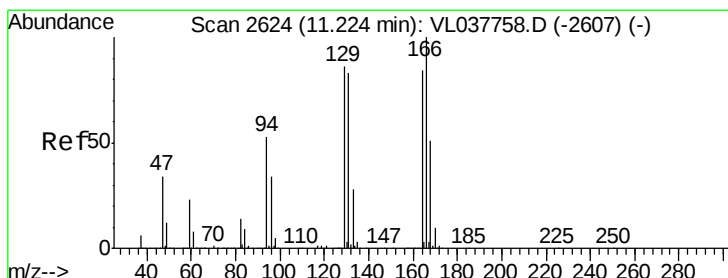
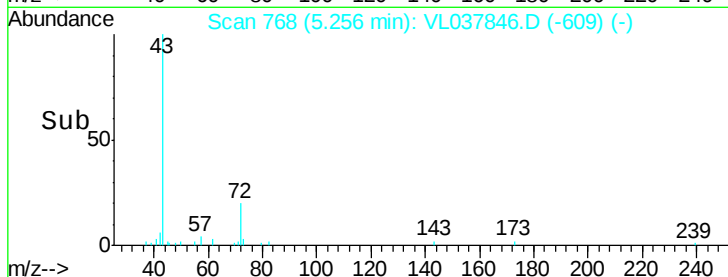
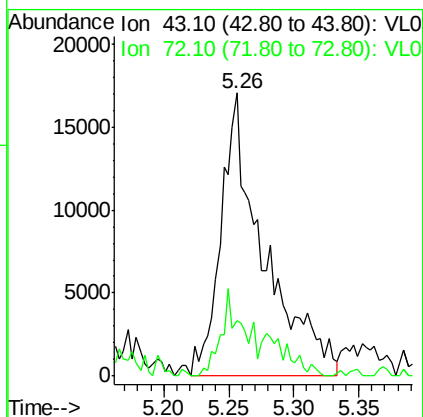
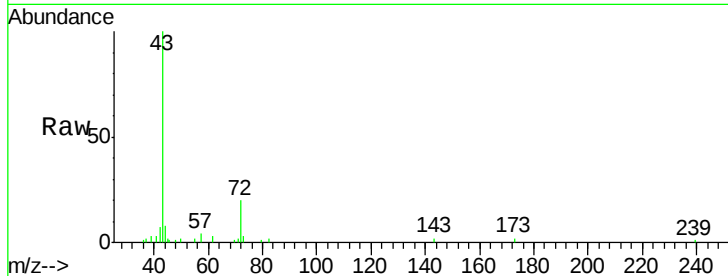


#34
2-Butanone
Concen: 0.260 ppbv m
RT: 5.26
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 1:45

Tot Ion:
Ion Ratio
43 100
72 25.

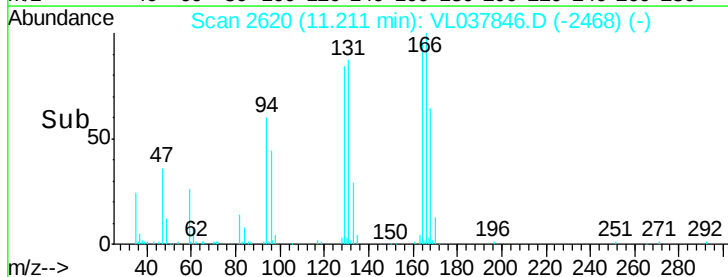
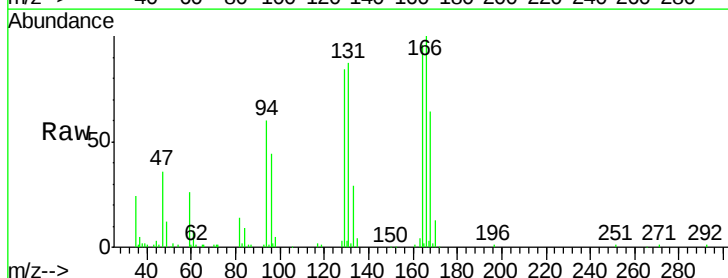
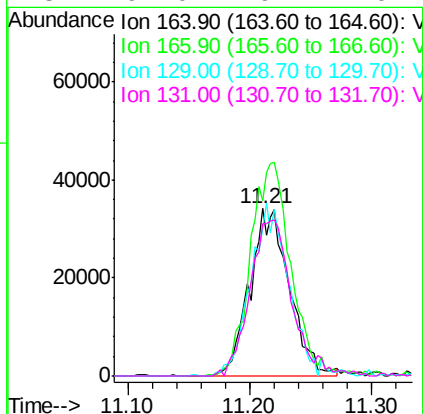
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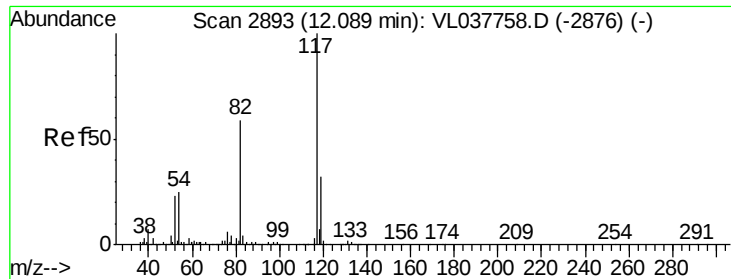
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#52
Tetrachloroethene
Concen: 0.623 ppbv m
RT: 11.21 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

Tgt Ion:164 Resp: 76671
Ion Ratio Lower Upper
164 100
166 104.4 95.4 143.2
129 88.1 82.2 123.4
131 91.0 79.4 119.2



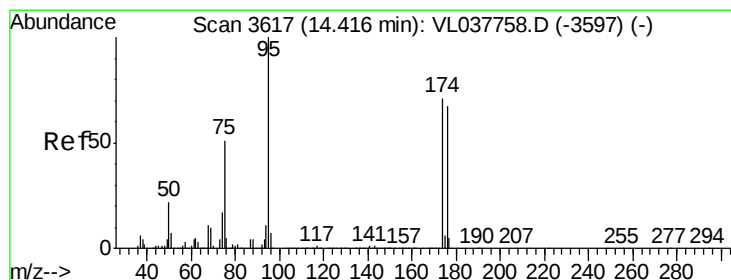
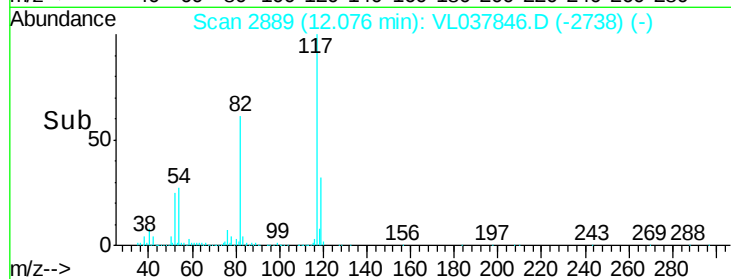
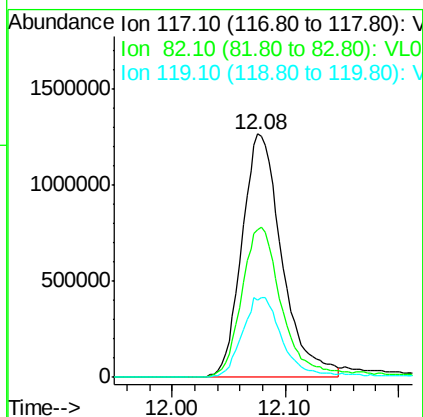
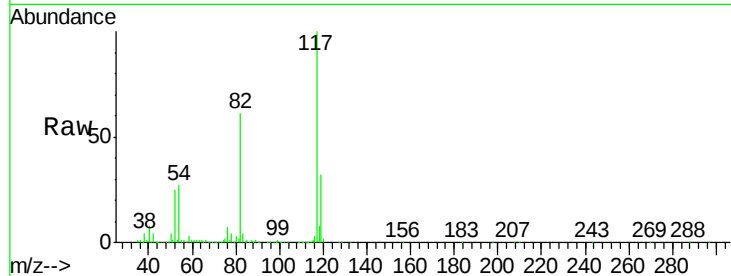


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 1:45

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 34.

Manual Integrations
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Supervised By :Mahesh Dadoda 10/15/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.758 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL037846.D
Acq: 13 Oct 2021 1:45

Tgt Ion: 95 Resp: 2125986
Ion Ratio Lower Upper
95 100
174 76.9 57.8 86.6
175 5.5 4.7 7.1

