

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037847.D
 Acq On : 13 Oct 2021 2:23
 Operator : SY/AP
 Sample : M4143-01DL 80X
 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 03:05:45 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	1247259	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3563706	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3134646	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2176176	9.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	13031m	0.148	ppbv	
13) Ethanol	3.61	45	11917m	1.653	ppbv	
15) Acetone	3.85	43	104214m	0.931	ppbv	
20) Methylene Chloride	4.34	84	28599m	0.506	ppbv	
34) 2-Butanone	5.26	43	21856m	0.152	ppbv	
52) Tetrachloroethene	11.21	164	41653m	0.352	ppbv	

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

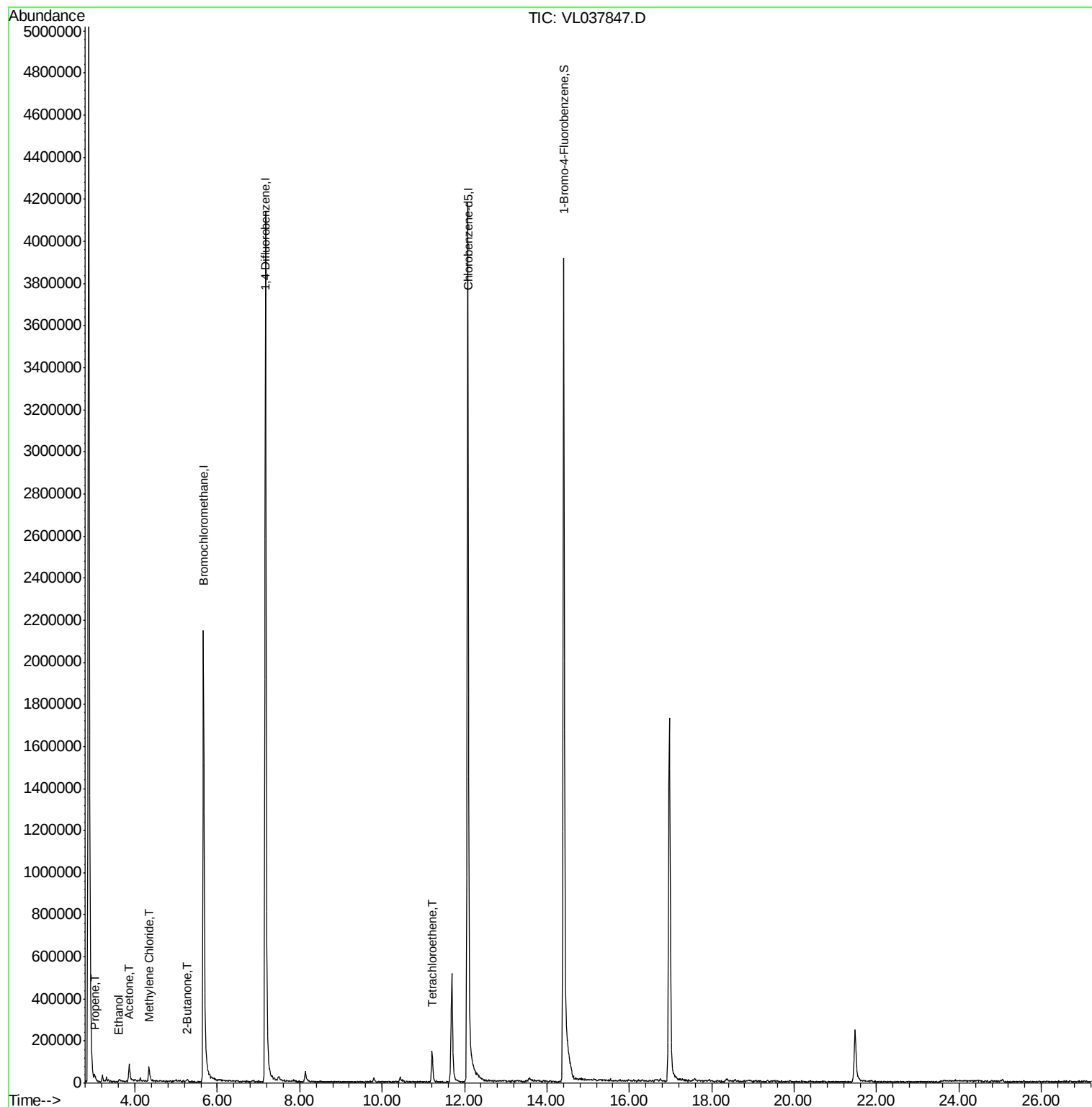
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101221\
Data File : VL037847.D
Acq On : 13 Oct 2021 2:23
Operator : SY/AP
Sample : M4143-01DL 80X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

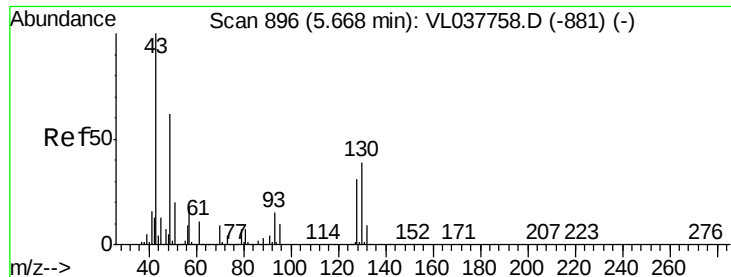
Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL

Quant Time: Oct 14 03:05:45 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

Manual Integrations
APPROVED

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Oct 2021 2:23

Tot Ion:

Ion Ratio

49 100

128 52.

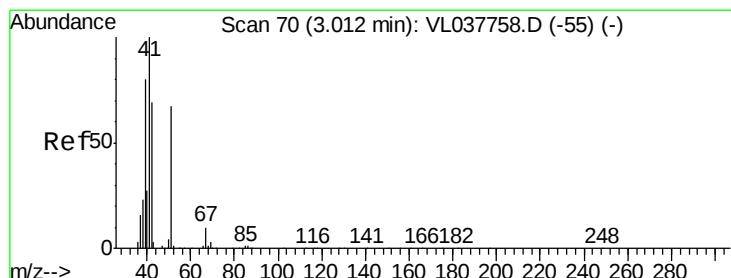
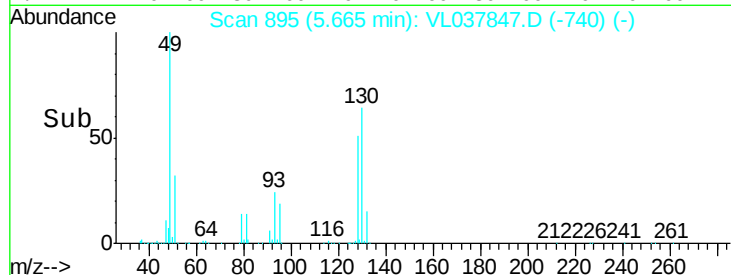
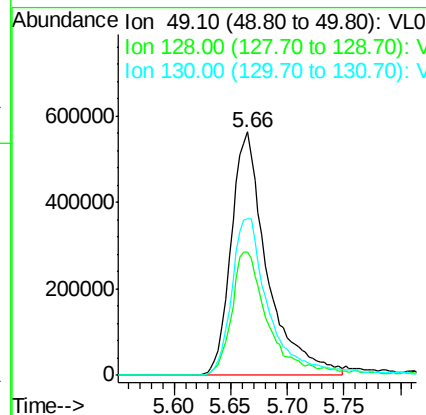
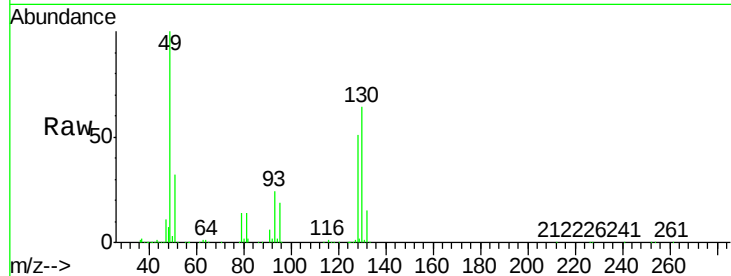
130 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021

Supervised By :Mahesh Dadoda 10/15/2021



#9

Propene

Concen: 0.148 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037847.D

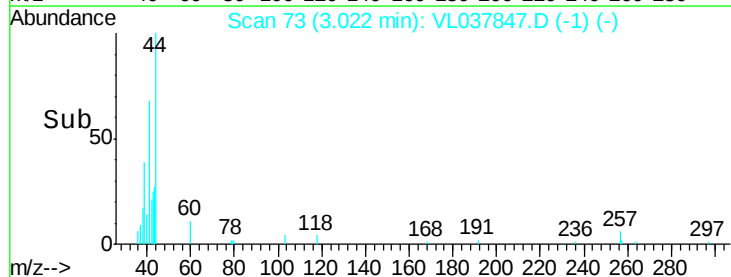
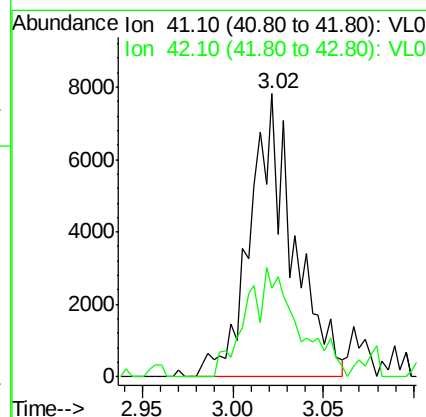
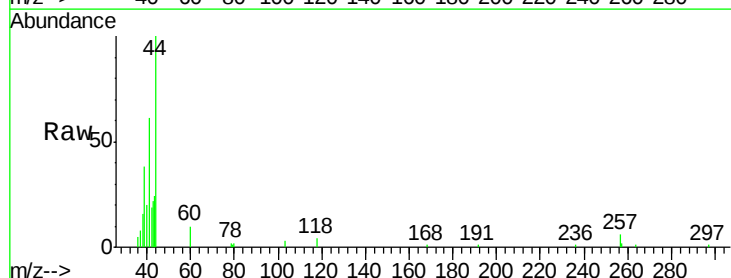
Acq: 13 Oct 2021 2:23

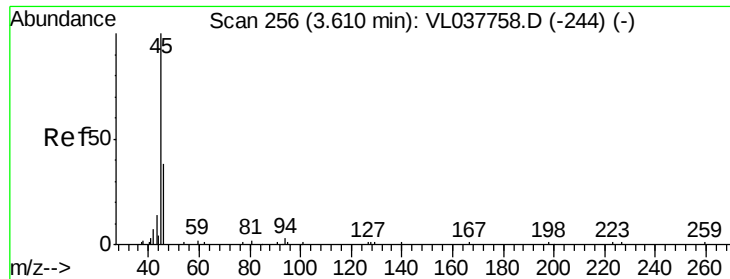
Tgt Ion: 41 Resp: 13031

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



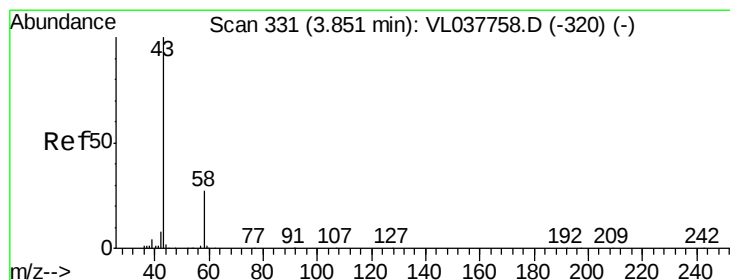
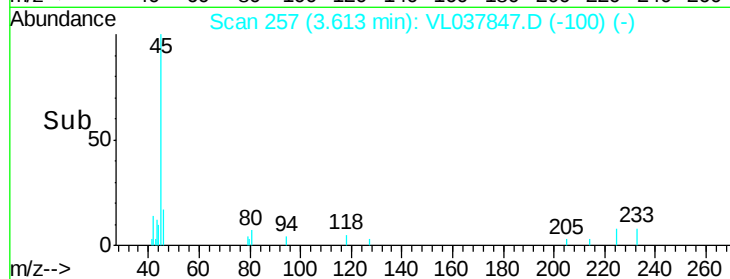
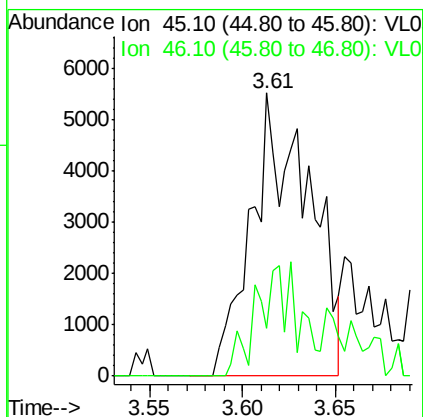
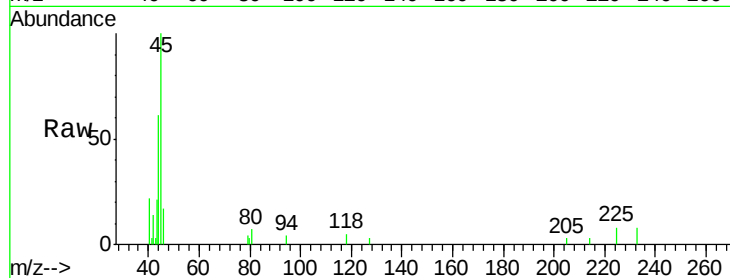


#13
Ethanol
Concen: 1.653 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 2:23

Tot Ion:
Ion Ratio
45 100
46 0.

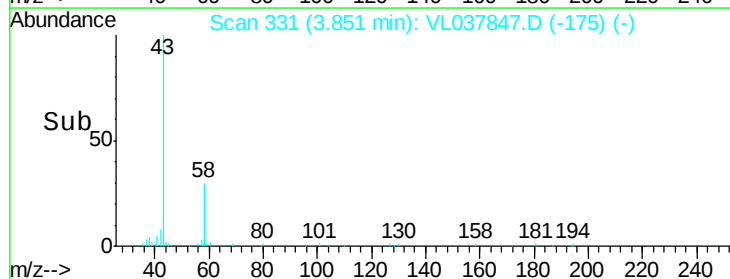
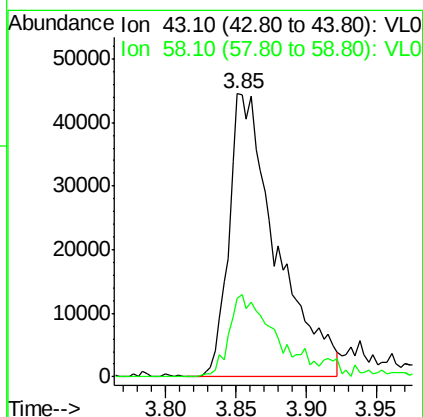
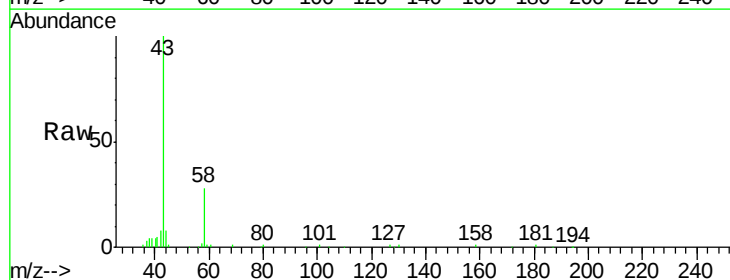
Manual Integrations
APPROVED

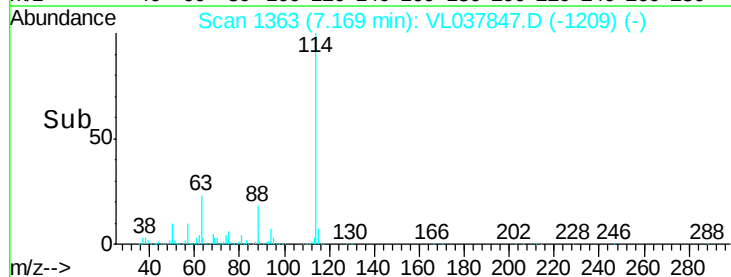
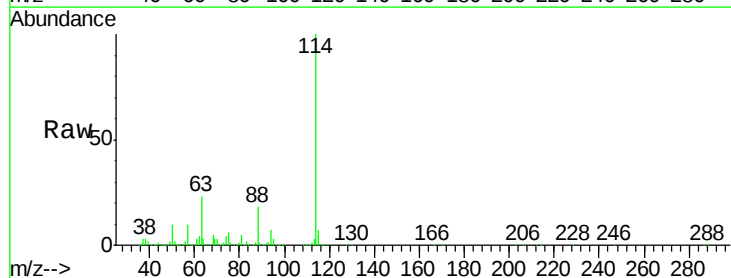
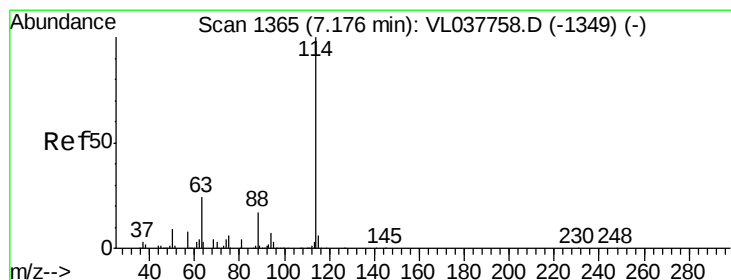
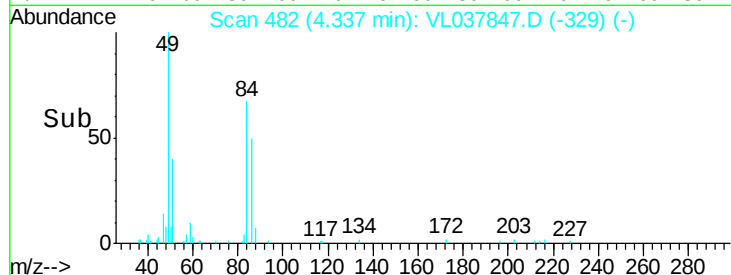
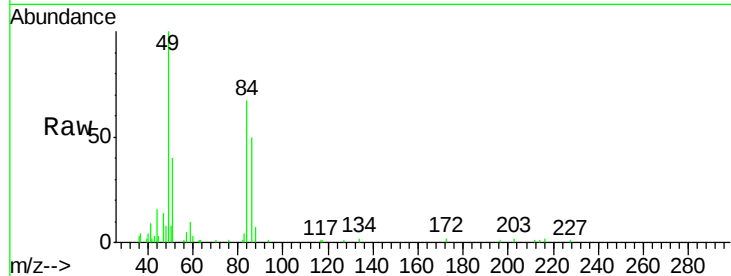
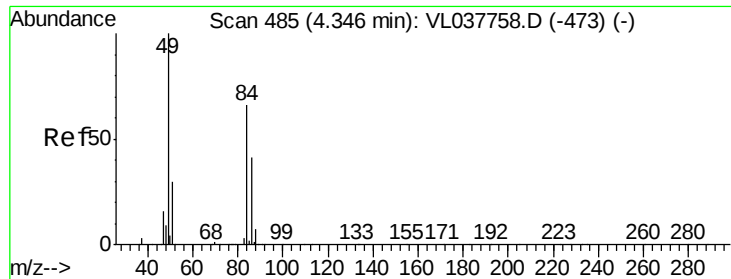
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 0.931 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037847.D
Acq: 13 Oct 2021 2:23

Tgt Ion: 43 Resp: 104214
Ion Ratio Lower Upper
43 100
58 31.2 23.0 34.6



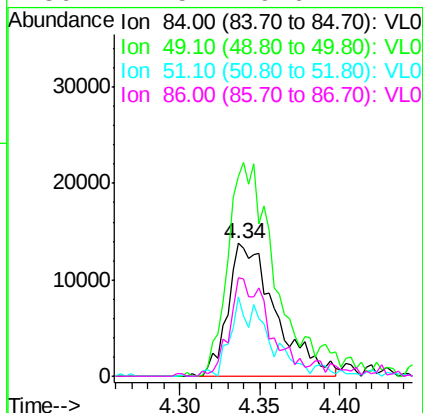


#20
Methvlene Chloride
Concen: 0.506 ppbv m
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Oct 2021 2:23

Tot Ion:
Ion Ratio
84 100
49 150.
51 60.
86 74.5 49.6 74.4#

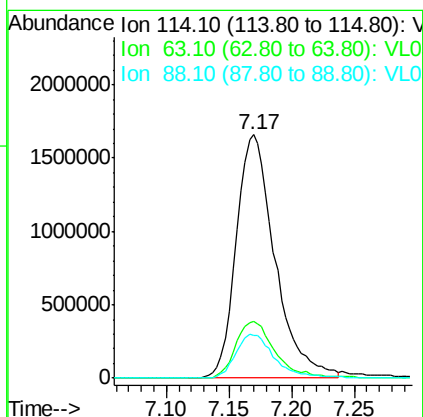
Manual Integrations
APPROVED

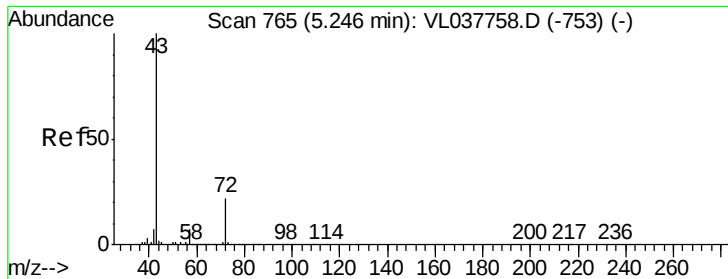
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL037847.D
Acq: 13 Oct 2021 2:23

Tgt Ion:114 Resp: 3563706
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.2
88 18.2 14.4 21.6



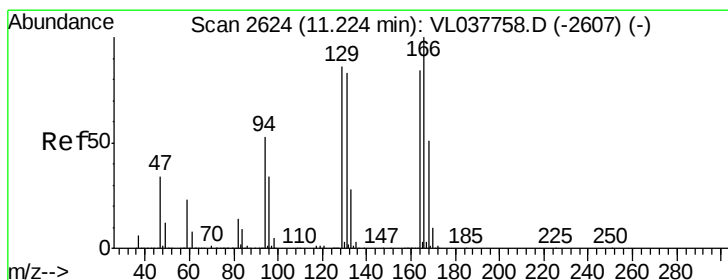
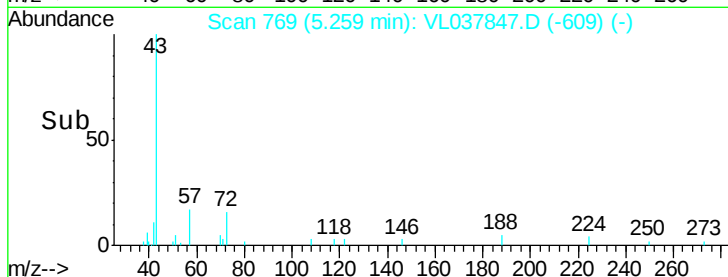
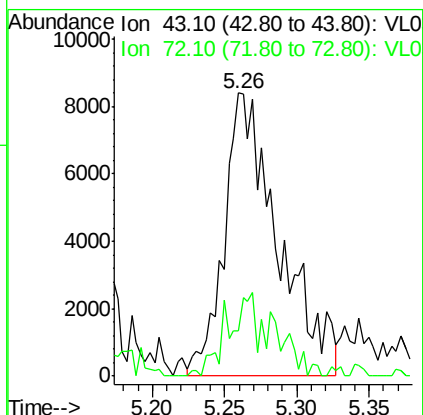
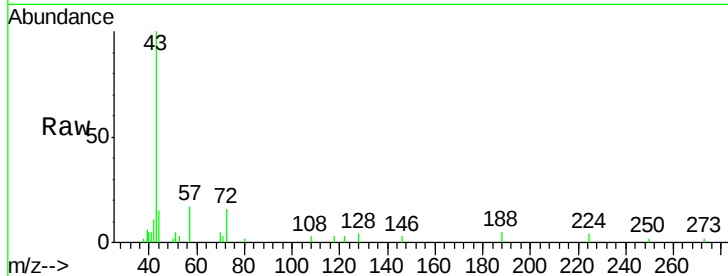


#34
2-Butanone
Concen: 0.152 ppbv m
RT: 5.26
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 13 Oct 2021 2:23

Tot Ion:
Ion Ratio
43 100
72 0.

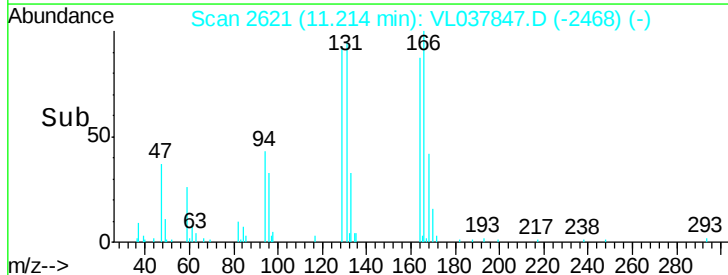
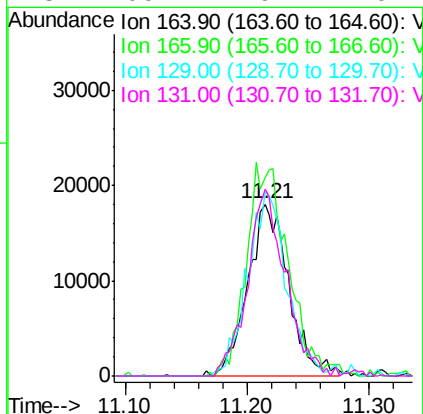
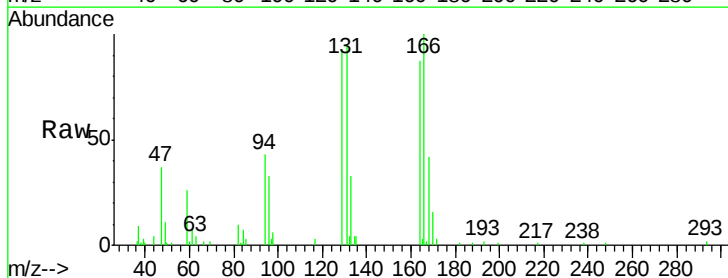
Manual Integrations
APPROVED

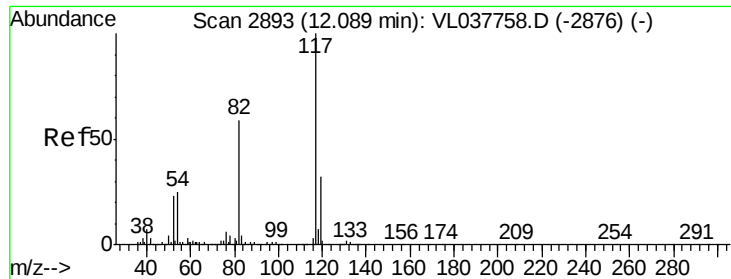
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#52
Tetrachloroethene
Concen: 0.352 ppbv m
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037847.D
Acq: 13 Oct 2021 2:23

Tgt Ion:164 Resp: 41653
Ion Ratio Lower Upper
164 100
166 115.2 95.4 143.2
129 107.1 82.2 123.4
131 109.1 79.4 119.2



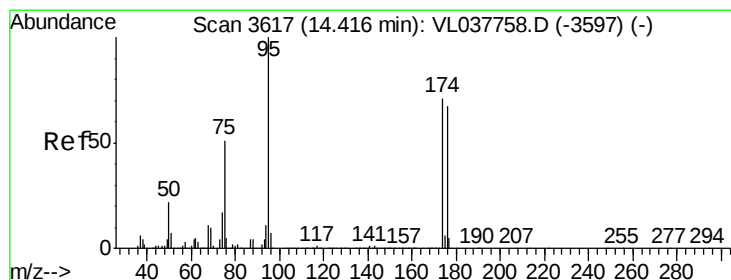
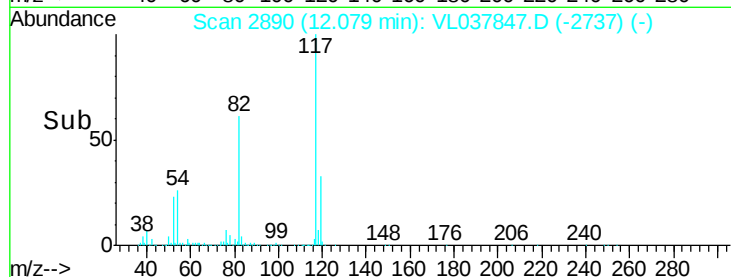
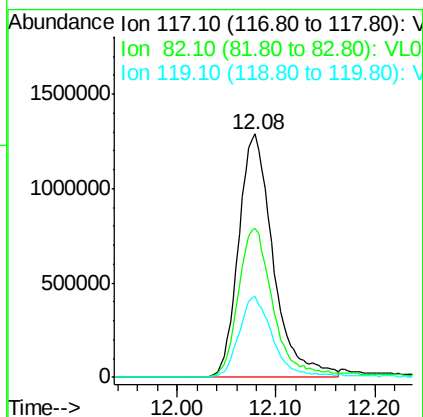
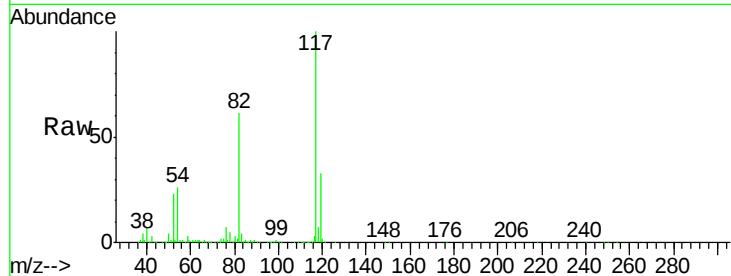


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 2:23

Tot Ion: 1
Ion Ratio
117 100
82 64.
119 33.

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.927 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL037847.D
Acq: 13 Oct 2021 2:23

Tgt Ion: 95 Resp: 2176176
Ion Ratio Lower Upper
95 100
174 75.2 57.8 86.6
175 5.2 4.7 7.1

