

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036864.D
 Acq On : 27 Apr 2021 19:11
 Operator : SY/AP
 Sample : M2172-07DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SVE-EFFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021

Quant Time: Apr 29 16:13:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1416943	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3371376	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	2994192	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2403670	10.00	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.64	45	26876m	2.680	ppbv	
15) Acetone	3.87	43	97514	0.730	ppbv #	76
19) Isopropyl Alcohol	4.03	45	14610m	0.221	ppbv	
20) Methylene Chloride	4.35	84	168522	2.639	ppbv	88
26) Hexane	5.69	57	114813	0.752	ppbv #	41
31) cis-1,2-Dichloroethene	5.55	61	42676	0.312	ppbv	96
52) Tetrachloroethene	11.23	164	6182m	0.064	ppbv	

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

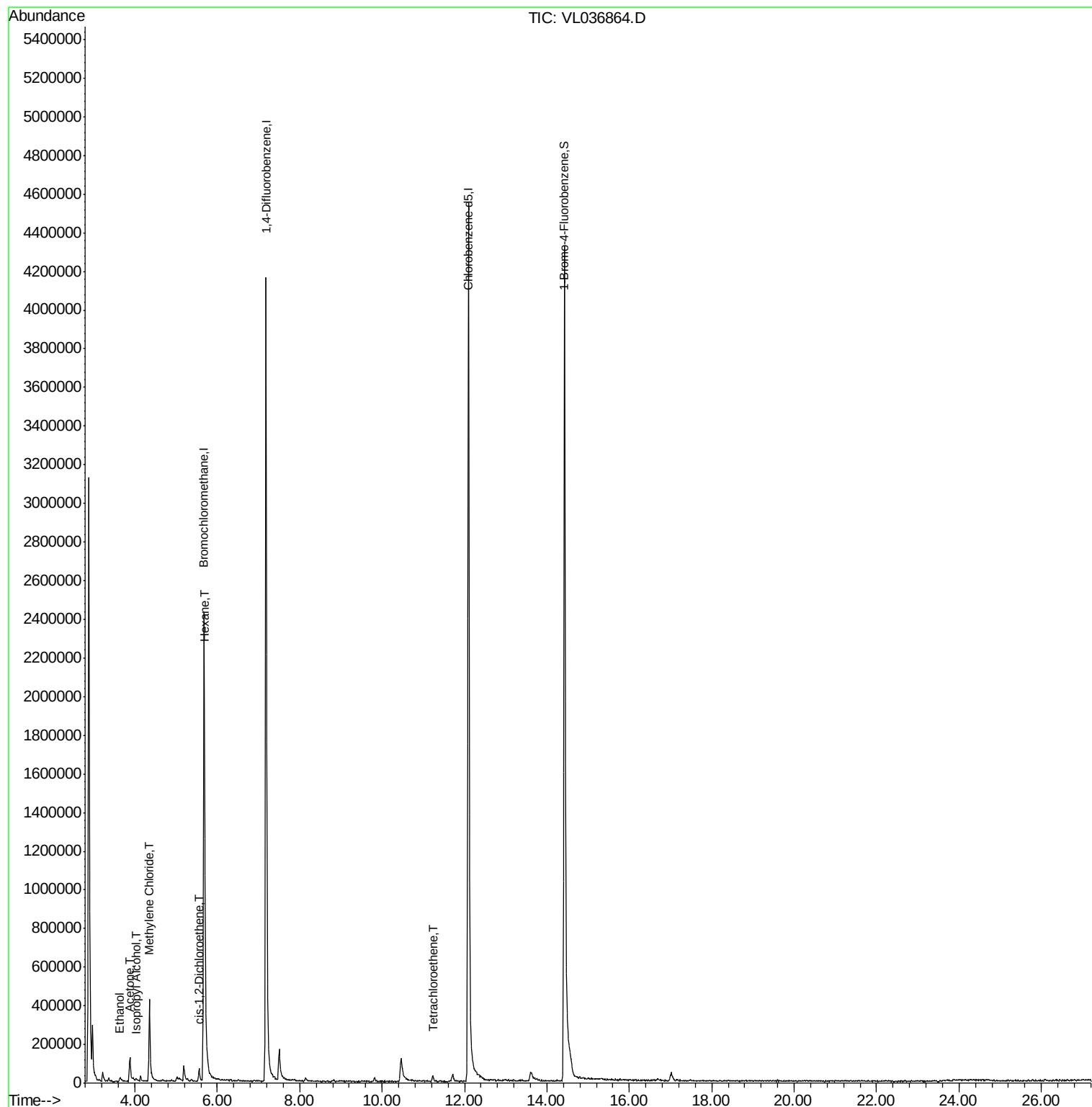
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042721\
Data File : VL036864.D
Acq On : 27 Apr 2021 19:11
Operator : SY/AP
Sample : M2172-07DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

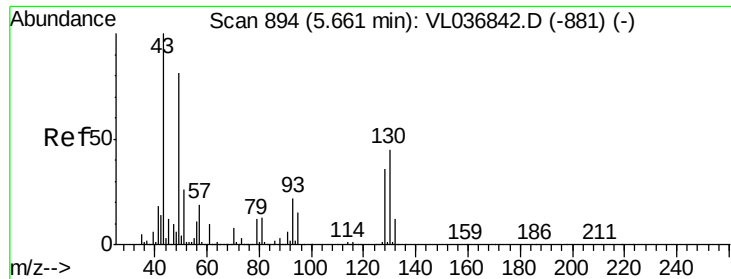
Instrument :
MSVOA_L
ClientSampleId :
SVE-EFFLUENTDL

Manual Integrations
APPROVED

Quant Time: Apr 29 16:13:01 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 19:11 SVE-EFFLUENTDL

Tot Ion:

Ion Ratio

49 100

128 47.

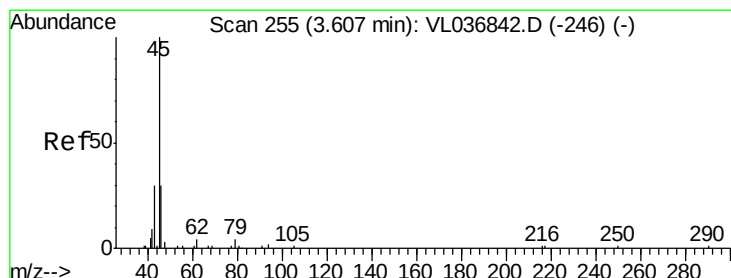
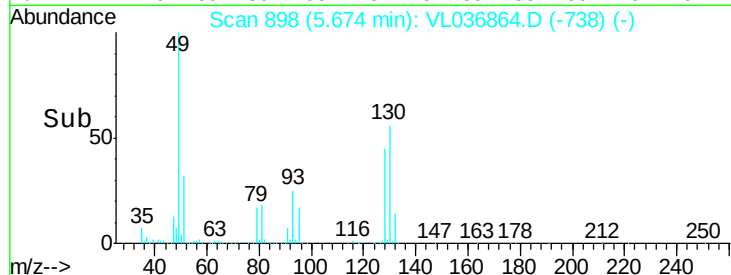
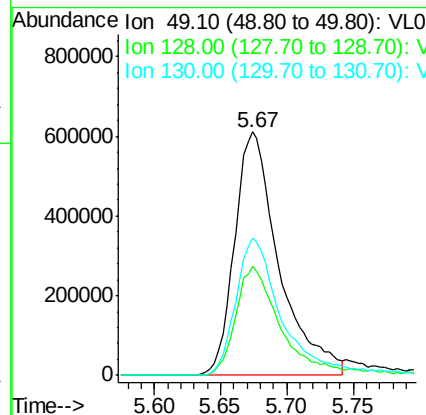
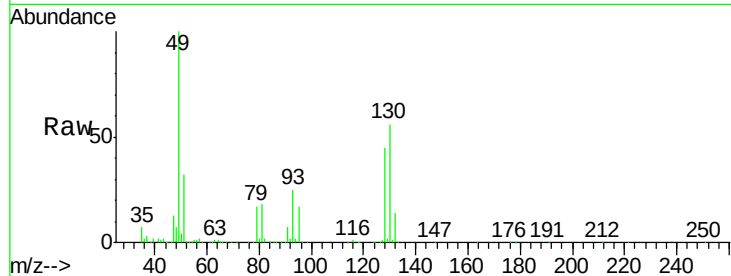
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#13

Ethanol

Concen: 2.680 ppbv m

RT: 3.64 min Scan# 264

Delta R.T. 0.03 min

Lab File: VL036864.D

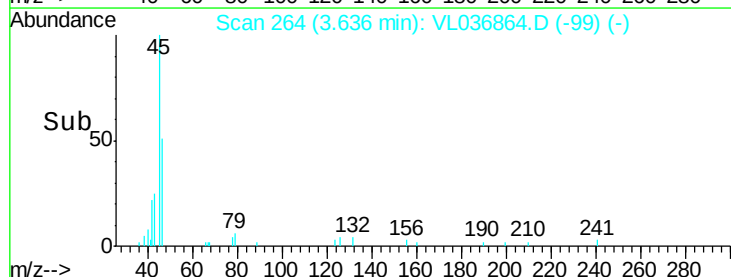
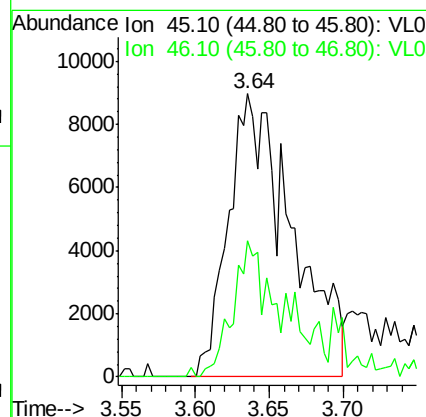
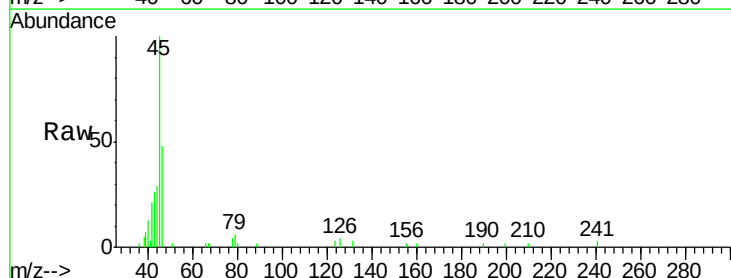
Acq: 27 Apr 2021 19:11

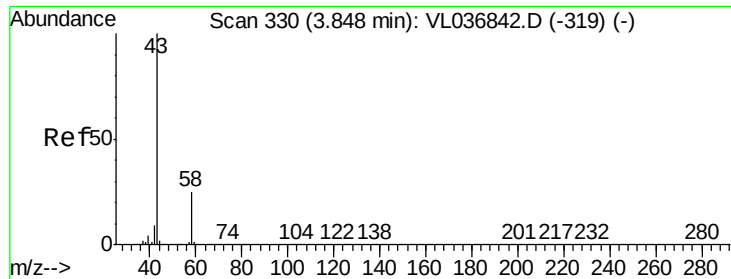
Tgt Ion: 45 Resp: 26876

Ion Ratio Lower Upper

45 100

46 33.8 16.8 67.4



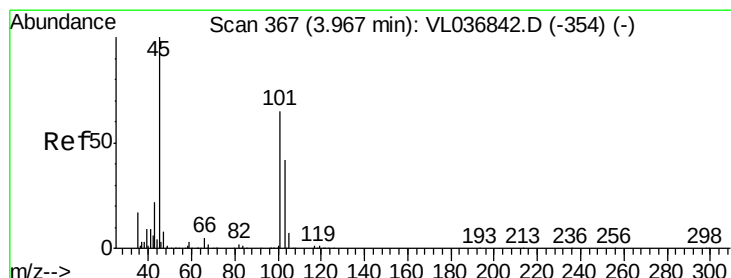
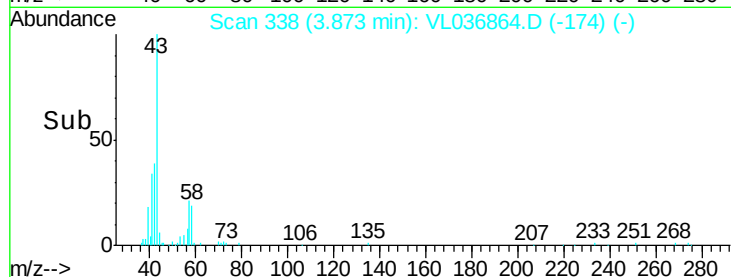
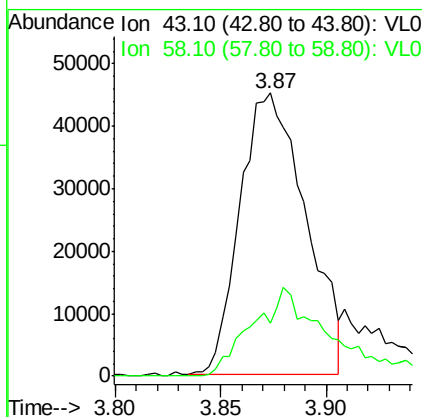
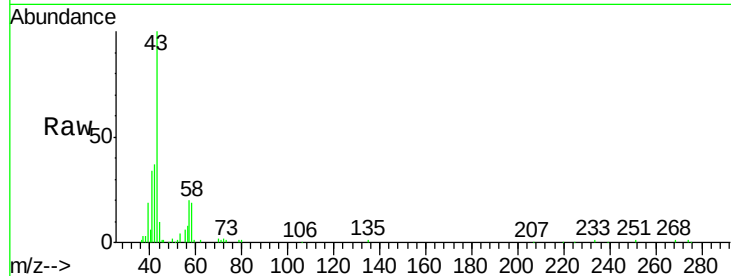


#15
Acetone
Concen: 0.730 ppbv
RT: 3.87
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
SVE-EFFLUENTDL
Acq: 27 Apr 2021 19:11

Tot Ion:
Ion Ratio
43 100
58 39.

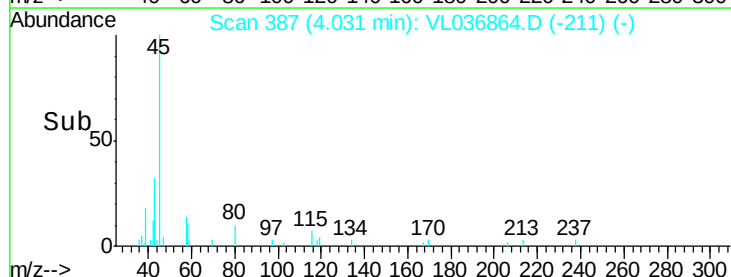
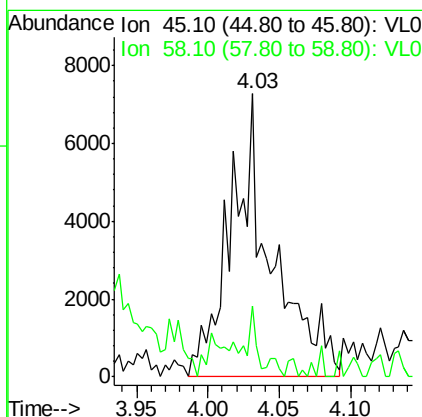
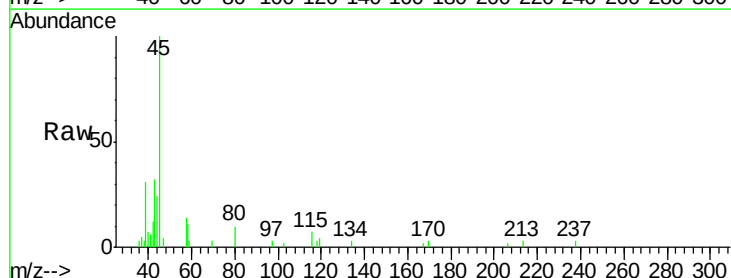
Manual Integrations
APPROVED

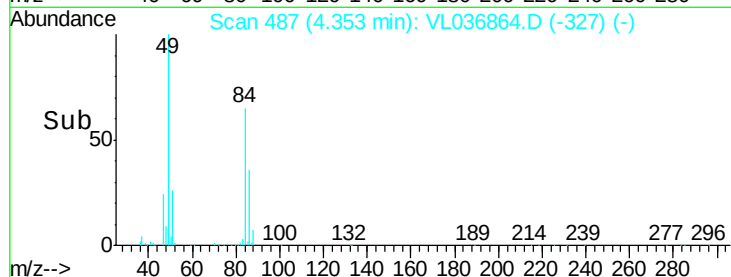
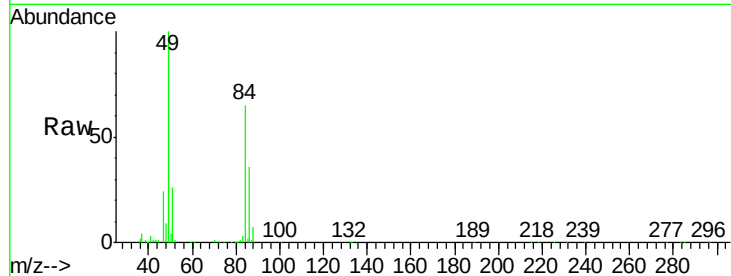
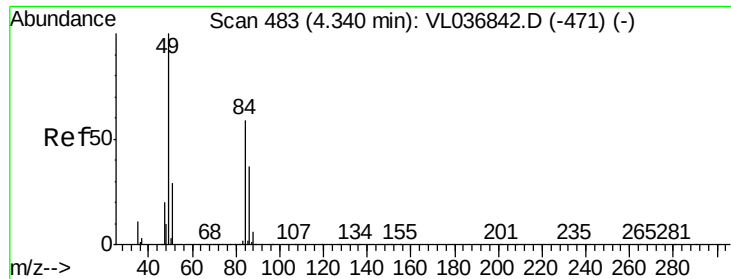
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#19
Isopropyl Alcohol
Concen: 0.221 ppbv m
RT: 4.03 min Scan# 387
Delta R.T. 0.06 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 45 Resp: 14610
Ion Ratio Lower Upper
45 100
58 0.0 2.8 4.2#



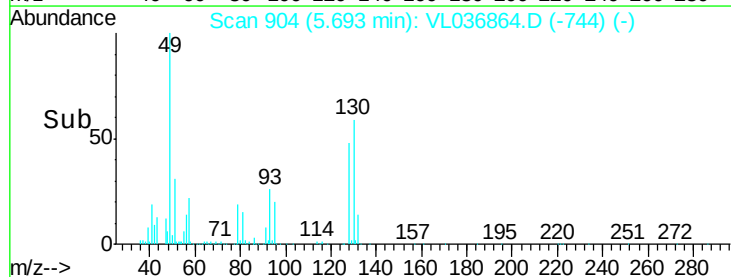
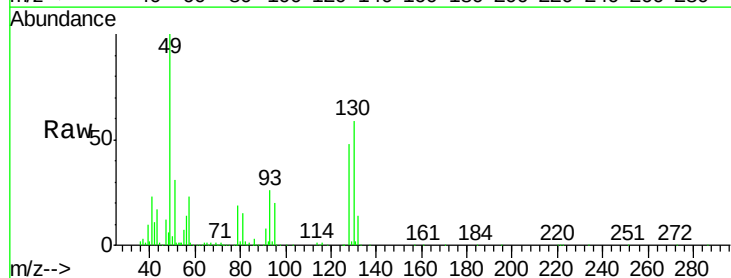
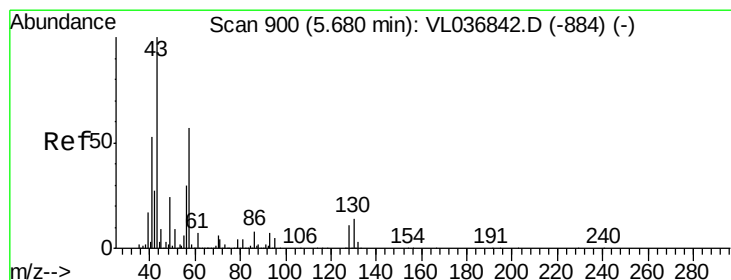
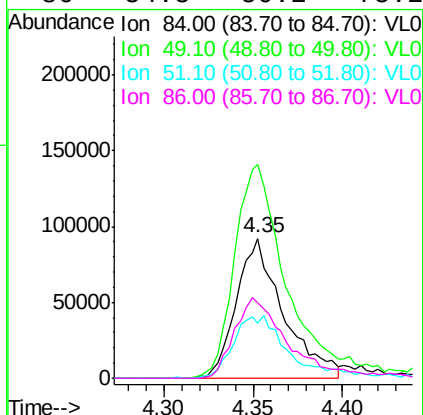


#20
Methvlene Chloride
Concen: 2.639 ppbv
RT: 4.35
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 27 Apr 2021 19:11

Tot Ion:
Ion Ratio
84 100
49 152.
51 39.
86 54.5 50.2 75.2

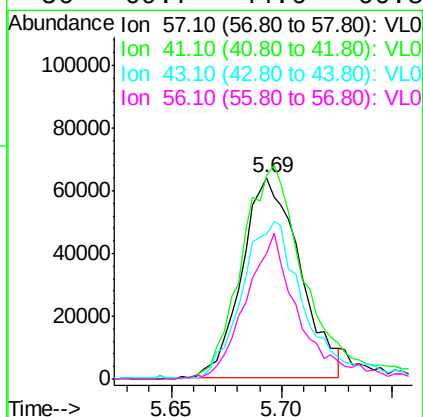
Manual Integrations
APPROVED

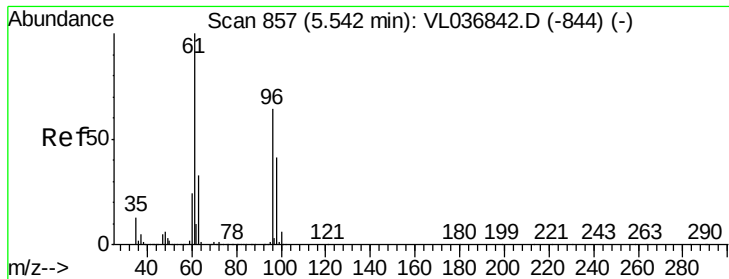
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 0.752 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 57 Resp: 114813
Ion Ratio Lower Upper
57 100
41 122.7 77.7 116.5#
43 90.1 180.5 270.7#
56 69.7 44.6 66.8#





#31

cis-1,2-Dichloroethene

Concen: 0.312 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Apr 2021 19:11 SVE-EFFLUENTDL

Tot Ion:

Ion Ratio

61 100

96 59.

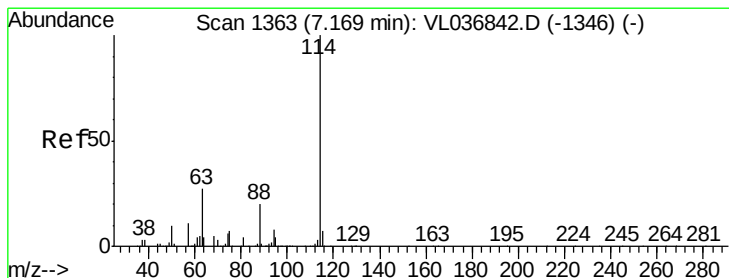
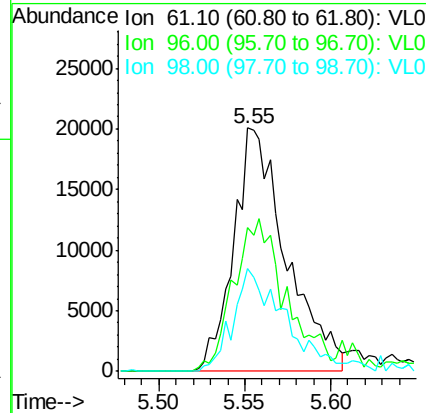
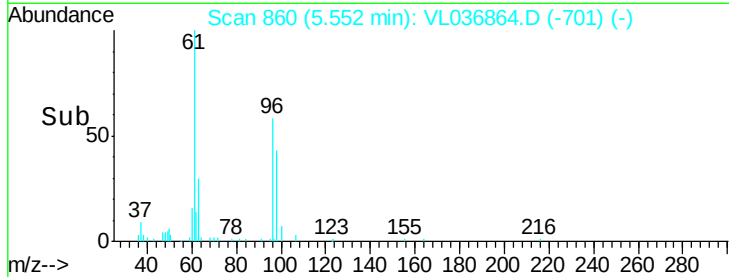
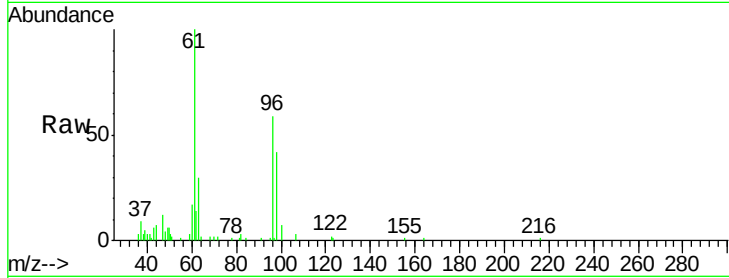
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL036864.D

Acq: 27 Apr 2021 19:11

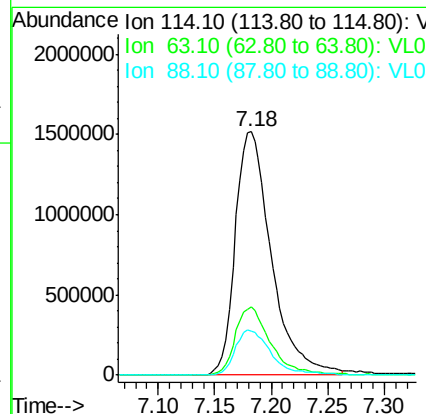
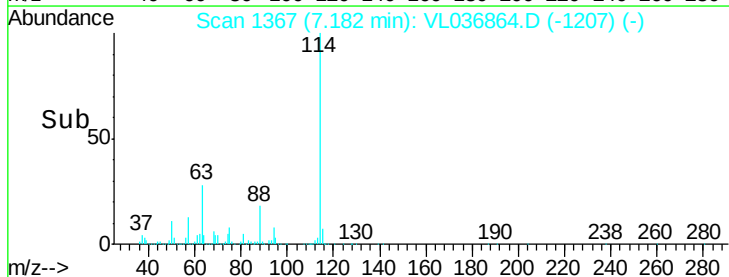
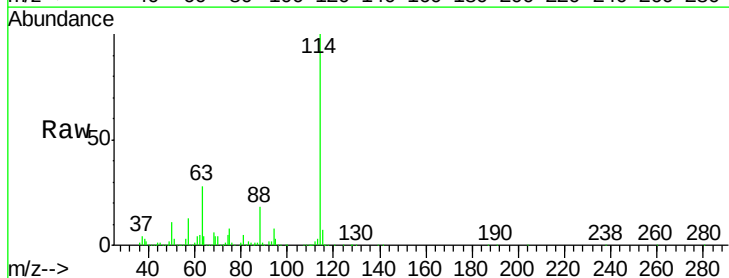
Tgt Ion:114 Resp: 3371376

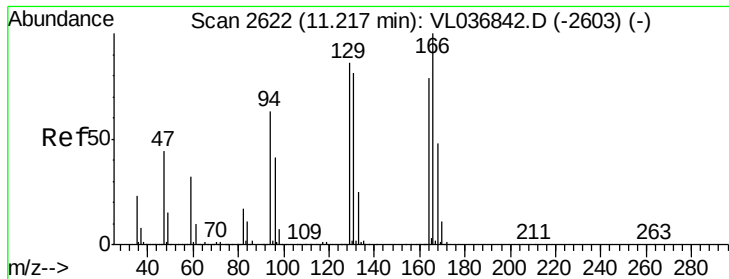
Ion Ratio Lower Upper

114 100

63 28.1 21.9 32.9

88 18.9 15.1 22.7





#52

Tetrachloroethene

Concen: 0.064 ppbv m

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 19:11

Tot Ion:1

Ion Rati

164 100

166 105.

129 79.

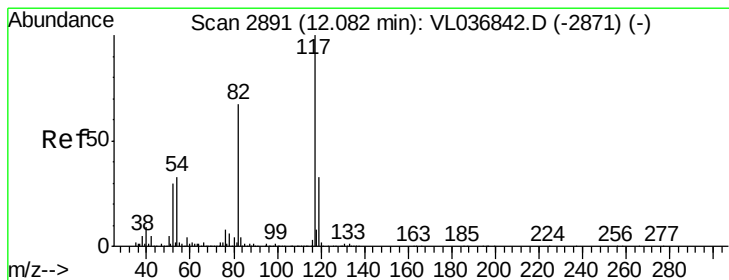
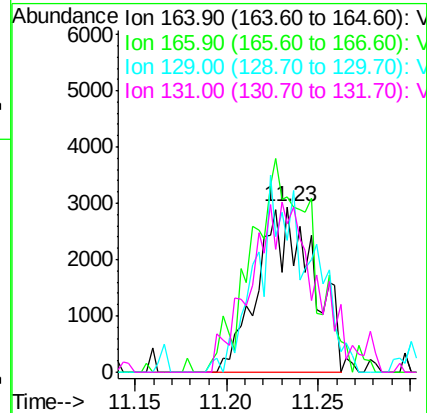
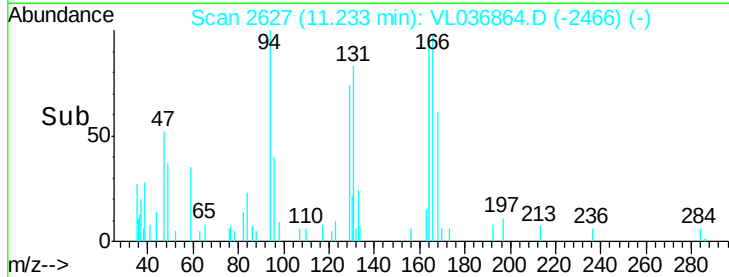
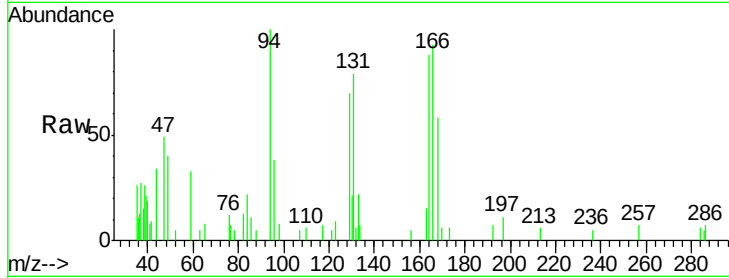
131 89.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2895

Delta R.T. 0.01 min

Lab File: VL036864.D

Acq: 27 Apr 2021 19:11

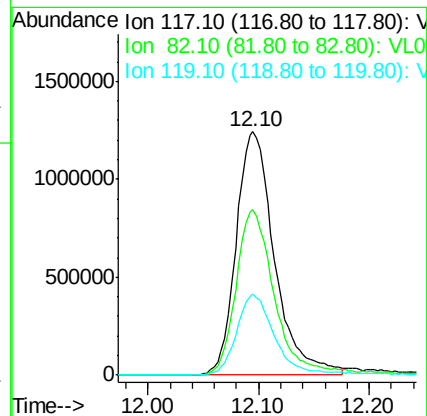
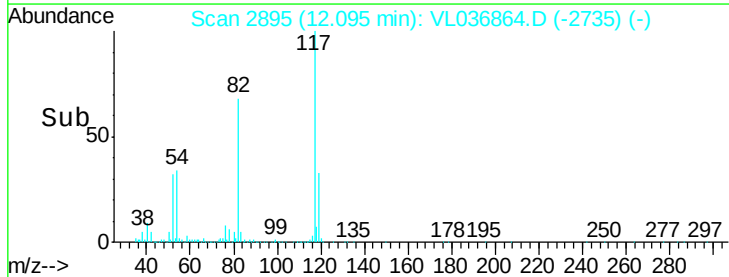
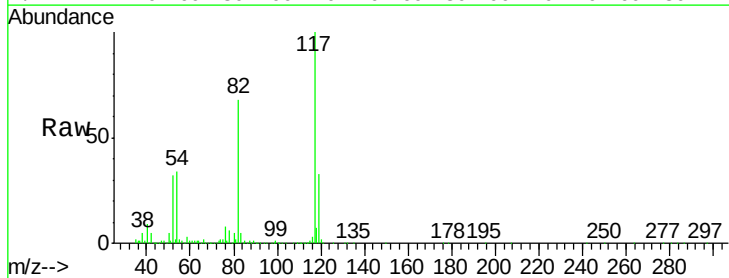
Tgt Ion:117 Resp: 2994192

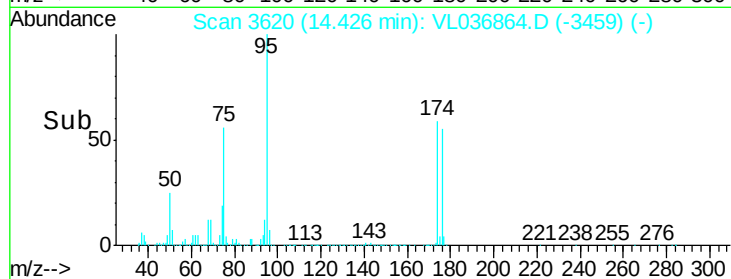
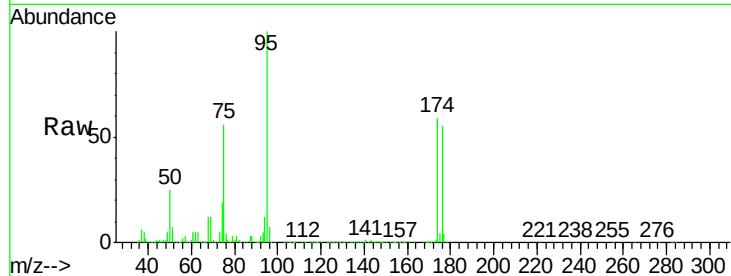
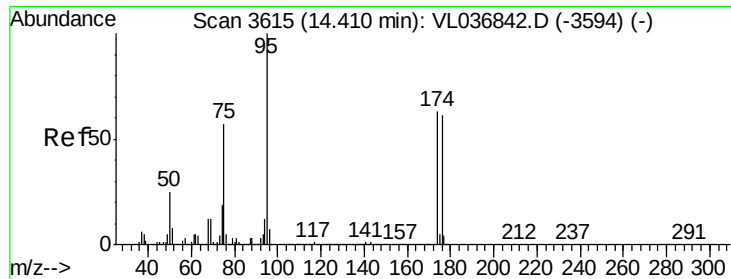
Ion Ratio Lower Upper

117 100

82 70.3 53.5 80.3

119 33.8 25.6 38.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.000 ppbv

RT: 14.43

Delta R.T

Lab File: ClientSampleId :

Acq: 27 Apr 2021 19:11

Tot Ion:

Ion Ratio

95 100

174 65.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

