

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038140.D
 Acq On : 29 Nov 2021 18:14
 Operator : SY/AP
 Sample : M4827-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 06:32:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	926293	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2576836	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2260562	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1752093	10.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	41867m	0.584	ppbv	
13) Ethanol	3.63	45	60071	8.677	ppbv	96
15) Acetone	3.88	43	40263m	0.501	ppbv	
19) Isopropyl Alcohol	4.00	45	17653	0.304	ppbv #	85
20) Methylene Chloride	4.35	84	150465	3.345	ppbv	97
26) Hexane	5.69	57	76194	0.592	ppbv #	44
29) Chloroform	5.75	83	26244	0.138	ppbv	89
36) Benzene	6.89	78	281652	1.096	ppbv	98
52) Tetrachloroethene	11.23	164	6430024	67.606	ppbv	93

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

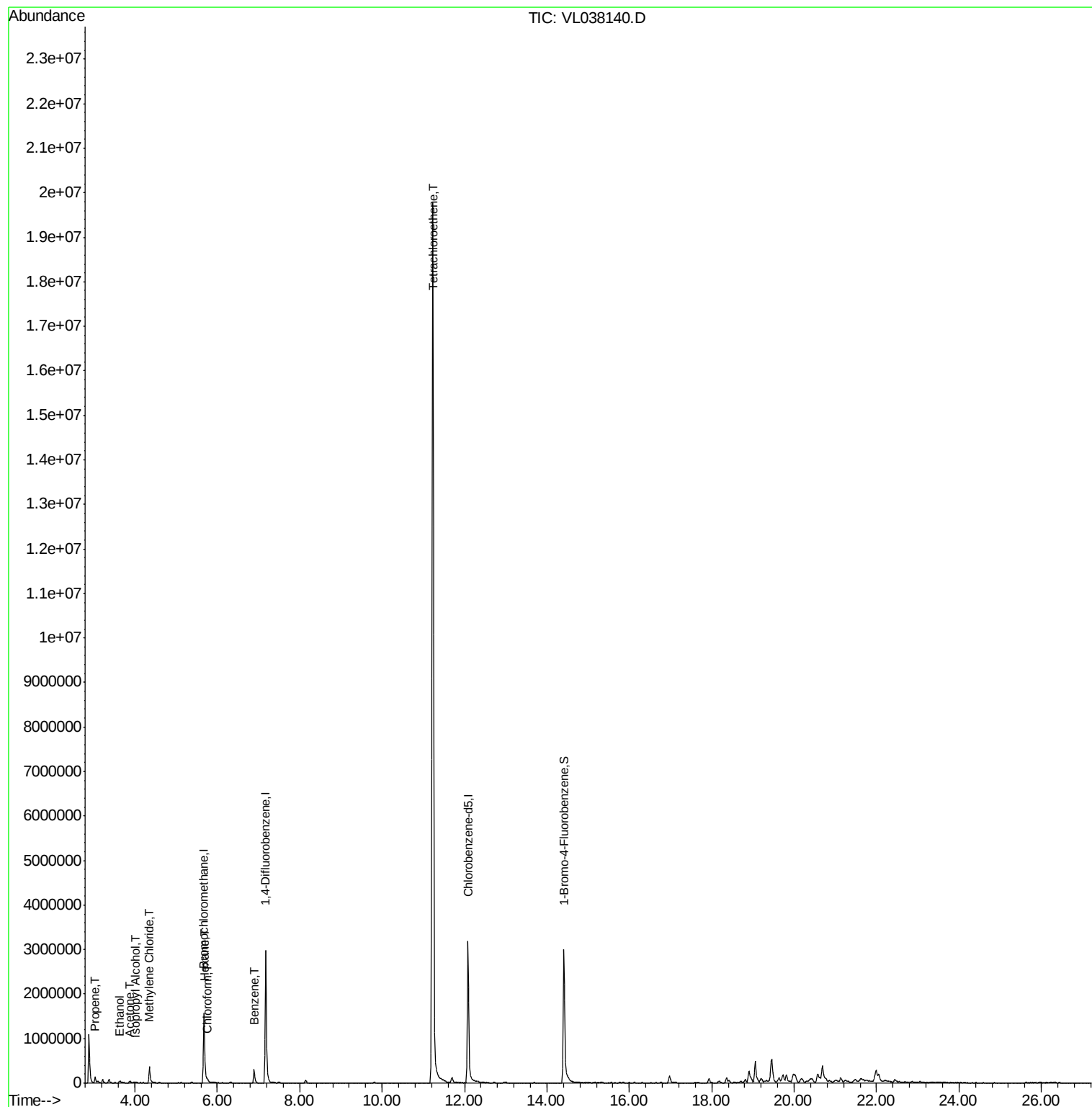
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112921\
Data File : VL038140.D
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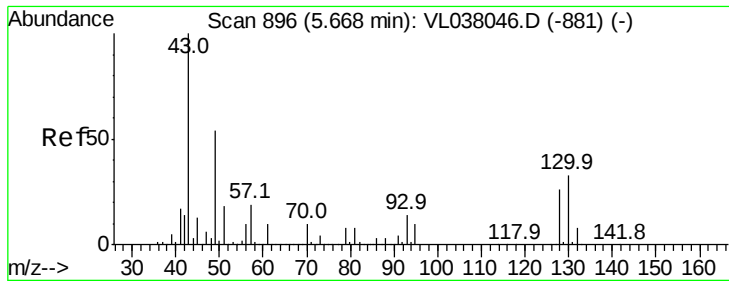
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Manual Integrations
APPROVED

Quant Time: Nov 30 06:32:04 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 12/01/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 29 Nov 2021 18:14

Tot Ion:

Ion Ratio

49 100

128 48.

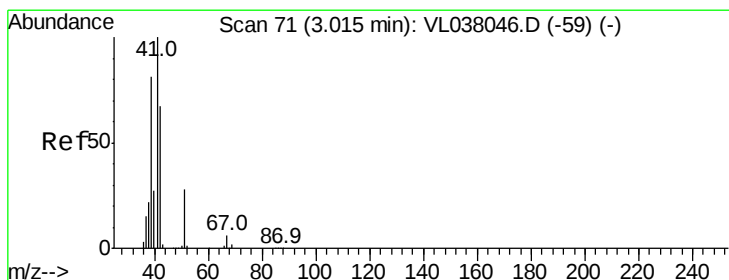
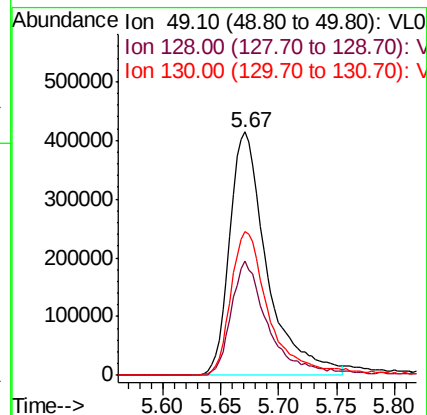
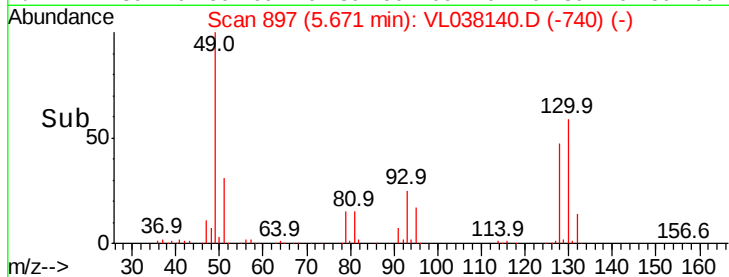
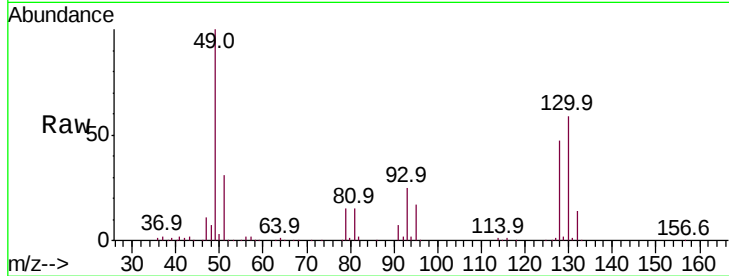
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#9

Propene

Concen: 0.584 ppbv m

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL038140.D

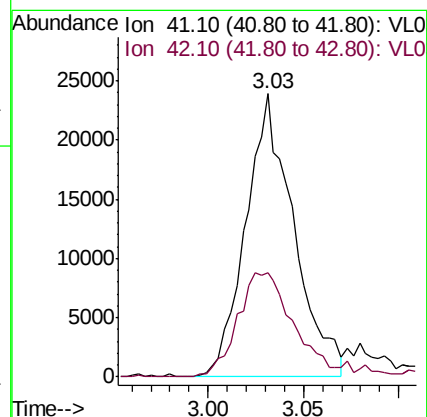
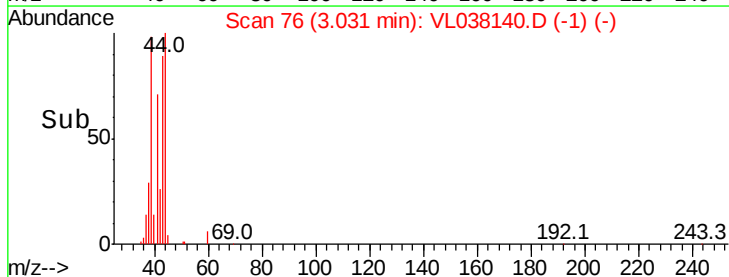
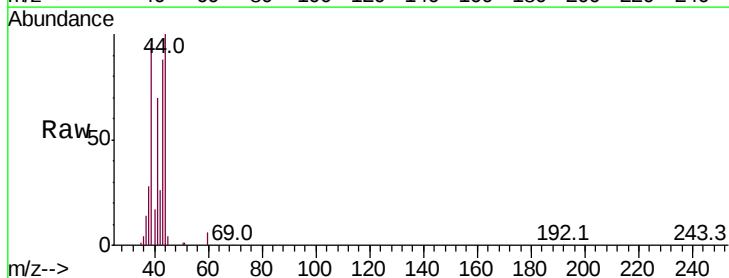
Acq: 29 Nov 2021 18:14

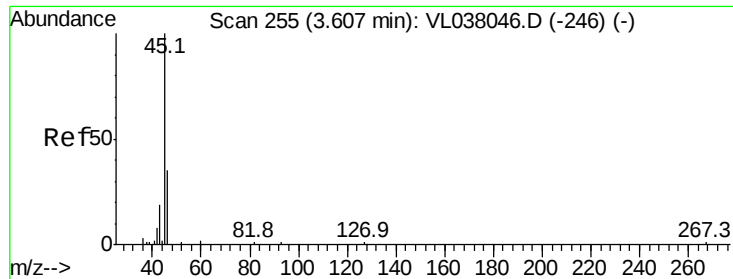
Tgt Ion: 41 Resp: 41867

Ion Ratio Lower Upper

41 100

42 51.4 53.8 80.8#



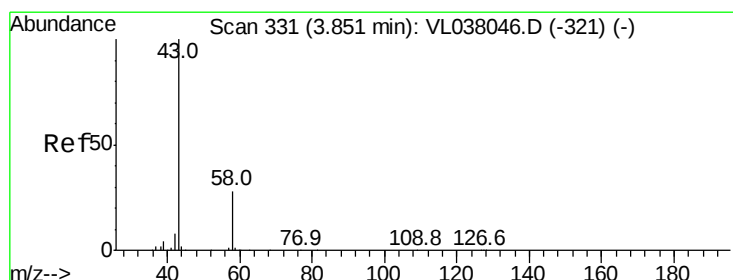
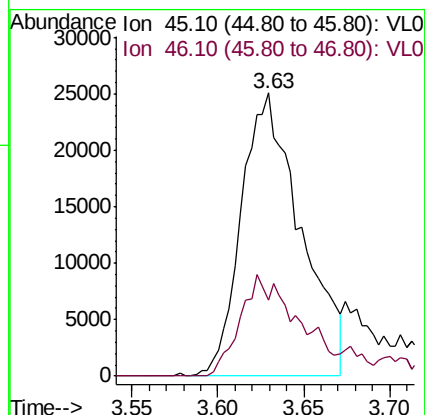
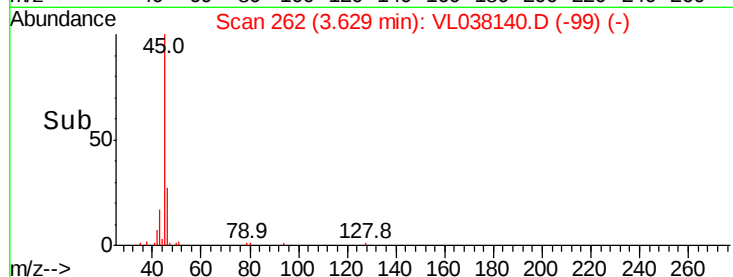
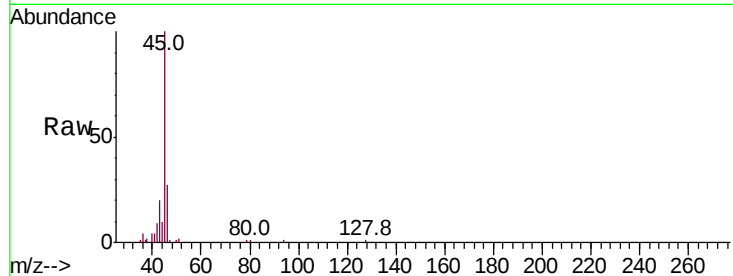


#13
Ethanol
Concen: 8.677 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Nov 2021 18:14

Tot Ion:
Ion Rati
45 100
46 46.

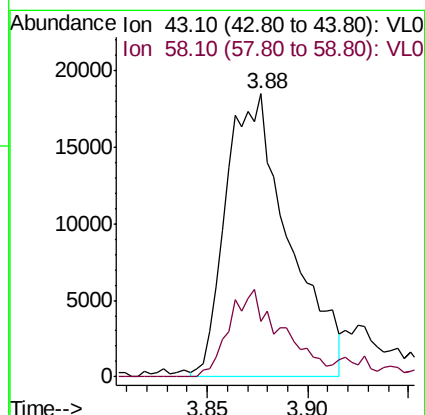
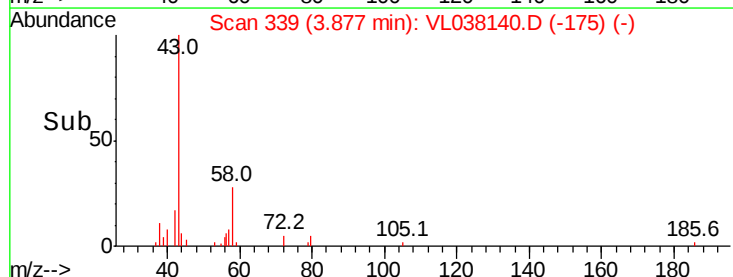
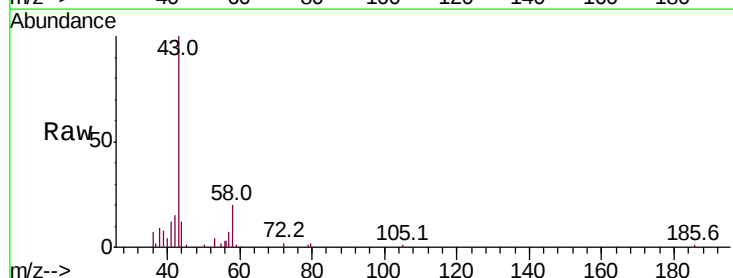
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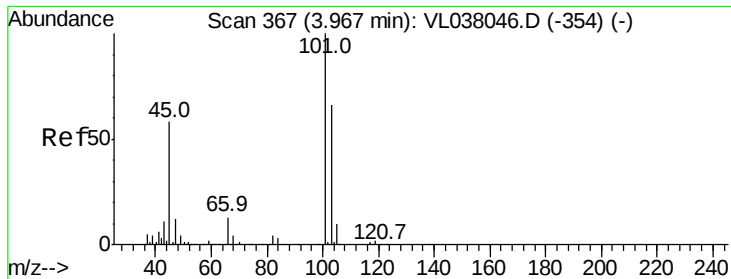
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#15
Acetone
Concen: 0.501 ppbv m
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL038140.D
Acq: 29 Nov 2021 18:14

Tgt Ion: 43 Resp: 40263
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#





#19

Isopropyl Alcohol

Concen: 0.304 ppbv

RT: 4.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 18:14

Tot Ion:

Ion Ratio

45 100

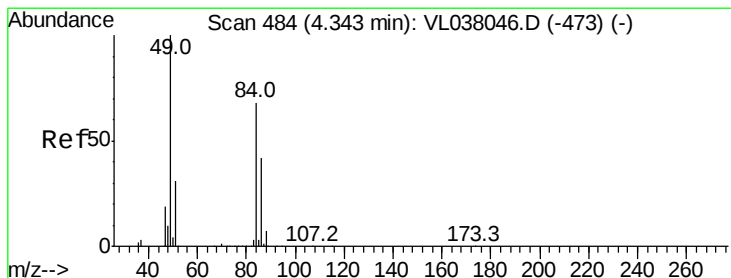
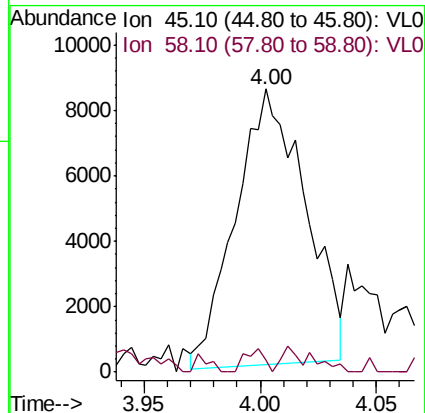
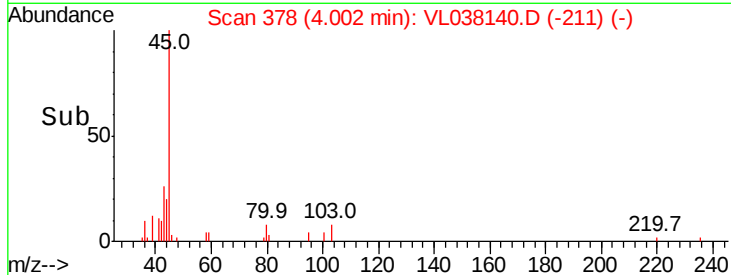
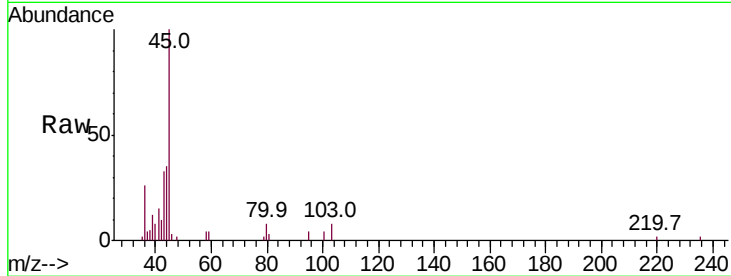
58 7.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/30/2021

Supervised By :Mahesh Dadoda 12/01/2021



#20

Methylene Chloride

Concen: 3.345 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL038140.D

Acq: 29 Nov 2021 18:14

Tgt Ion: 84 Resp: 150465

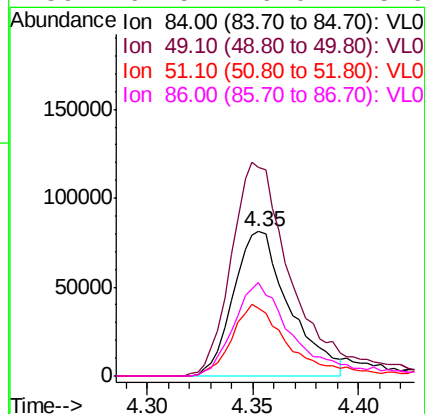
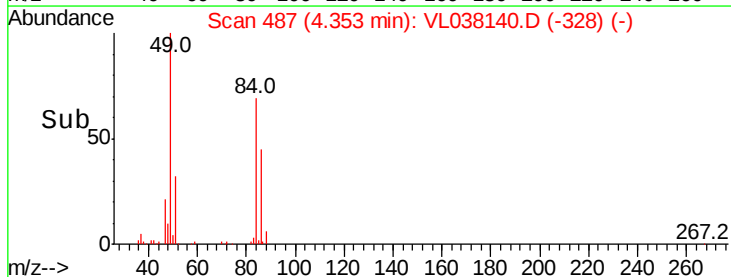
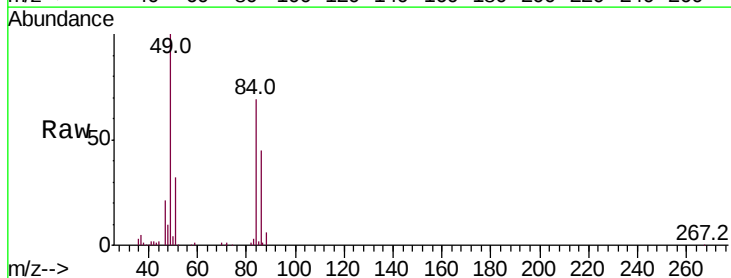
Ion Ratio Lower Upper

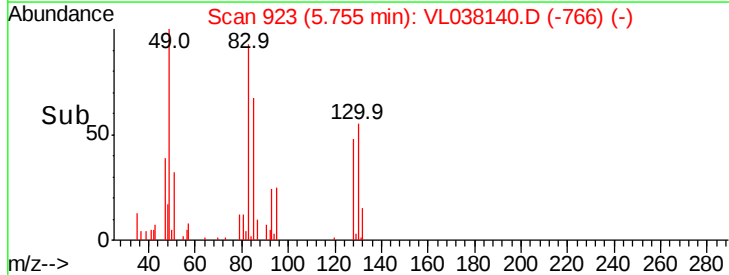
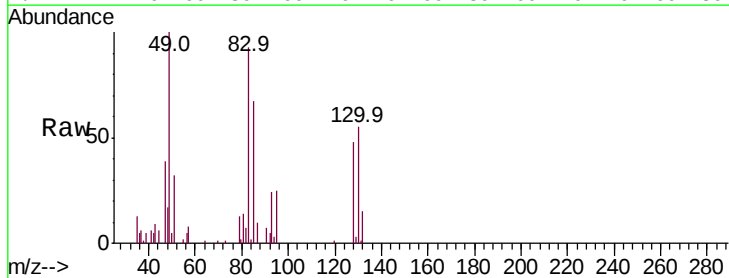
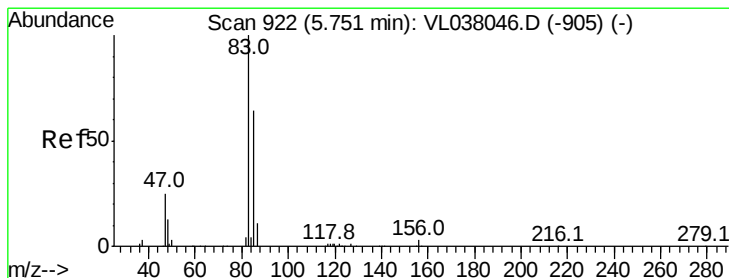
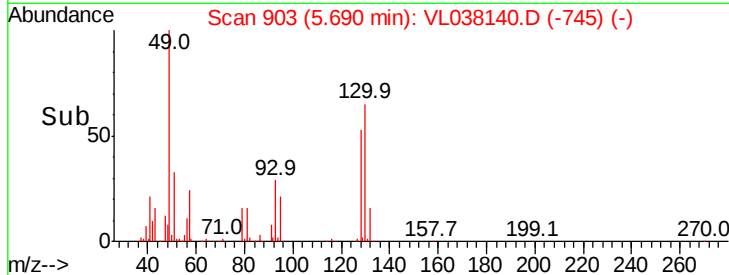
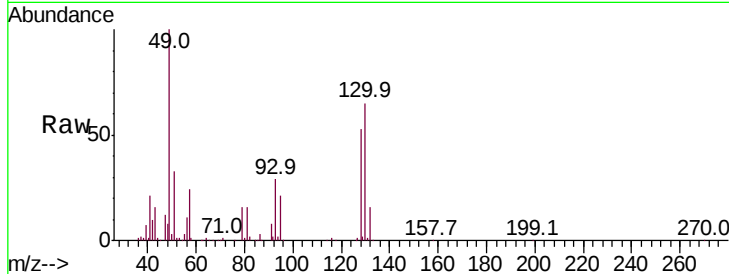
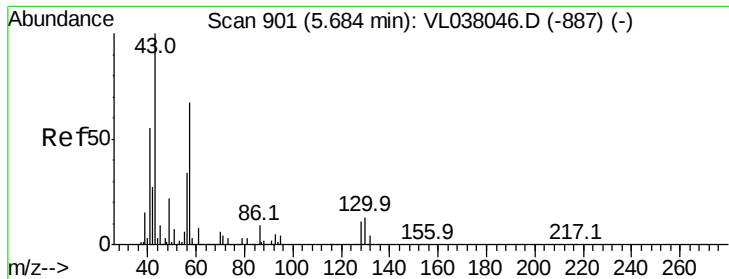
84 100

49 142.9 118.2 177.2

51 46.4 36.8 55.2

86 64.5 49.0 73.6

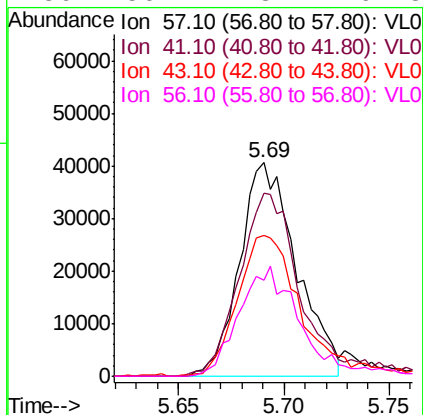




#26
Hexane
Concen: 0.592 ppbv
RT: 5.69
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Nov 2021 18:14

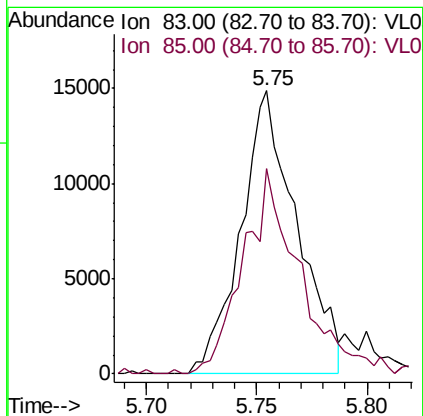
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 95.
43 76.
56 56.7 43.2 64.8

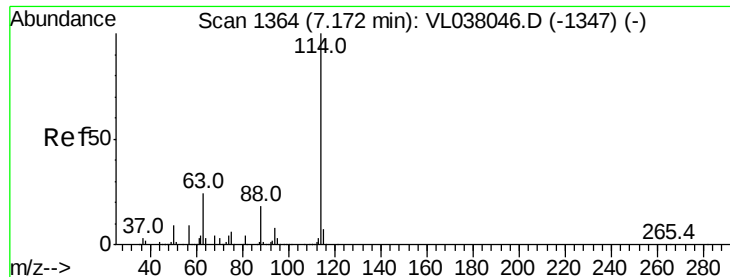
Reviewed By :Semsettin Yesilyurt 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#29
Chloroform
Concen: 0.138 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL038140.D
Acq: 29 Nov 2021 18:14

Tgt Ion: 83 Resp: 26244
Ion Ratio Lower Upper
83 100
85 72.3 51.0 76.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: VL038140.D

ClientSampleId: 1A-2DL

Acq: 29 Nov 2021 18:14

Tot Ion: 1

Ion Ratio

114 100

63 26.

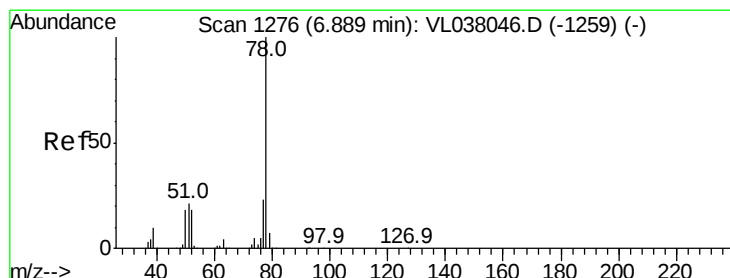
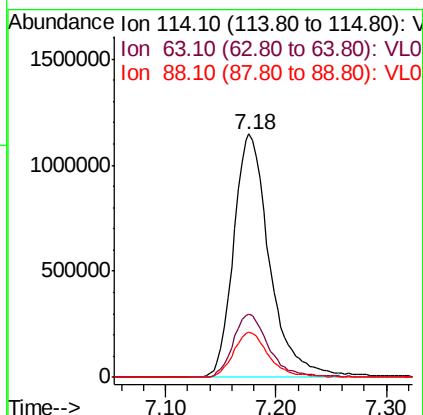
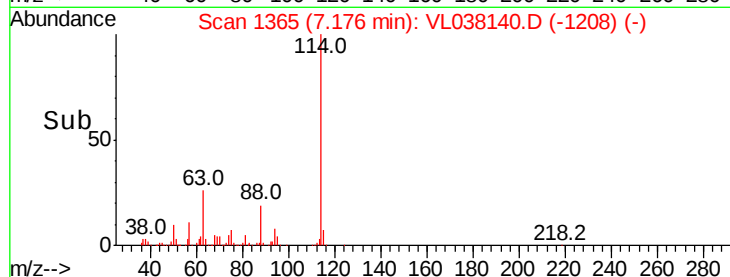
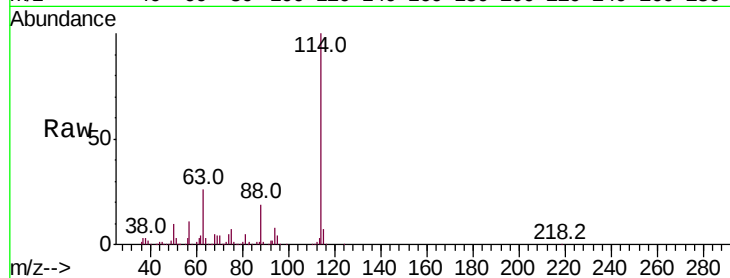
88 18.

Manual Integrations

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#36

Benzene

Concen: 1.096 ppbv

RT: 6.89 min Scan# 1276

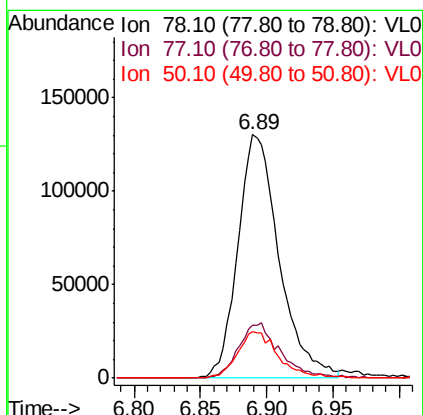
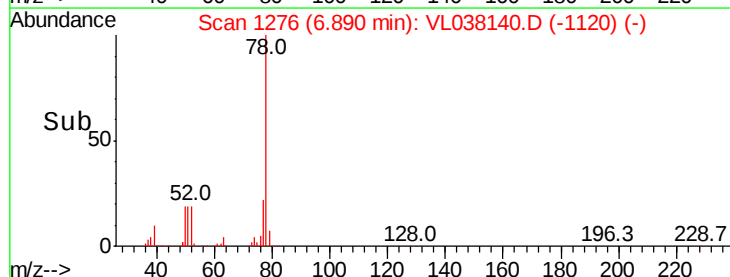
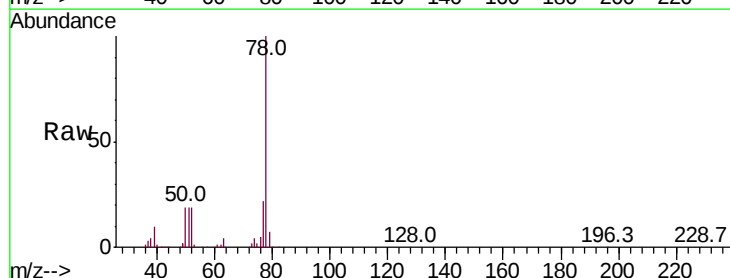
Delta R.T. 0.00 min

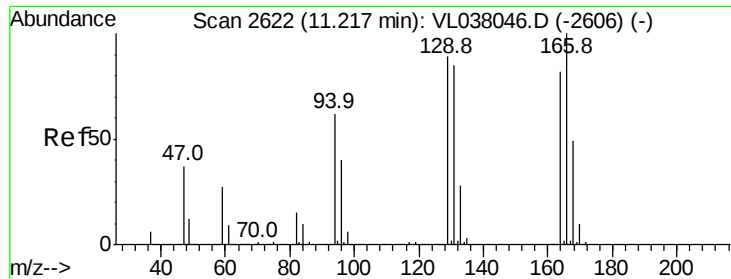
Lab File: VL038140.D

Acq: 29 Nov 2021 18:14

Tgt Ion: 78 Resp: 281652

Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.2	27.4
50	19.4	14.7	22.1





#52

Tetrachloroethene

Concen: 67.606 ppbv

RT: 11.23

Delta R.T. MSVOA_L

Lab File:

Acq: 29 Nov 2021 18:14

ClientSampleId :

IA-2DL

Tot Ion:1

Ion Rati

164 100

166 121.

129 97.

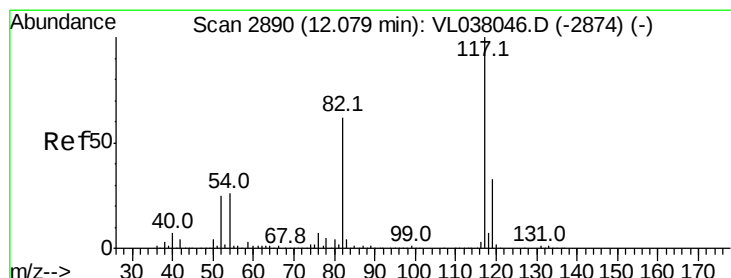
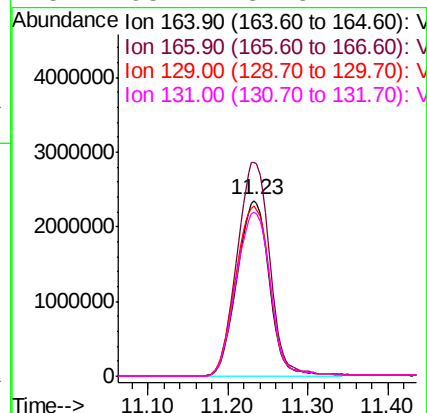
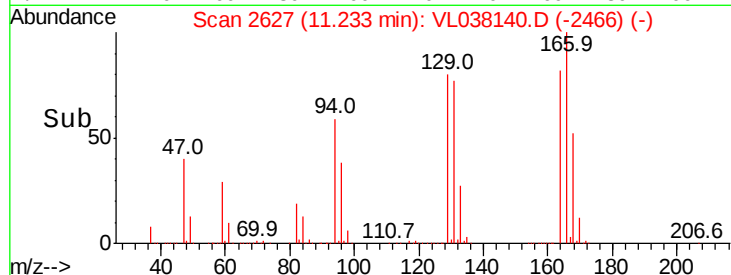
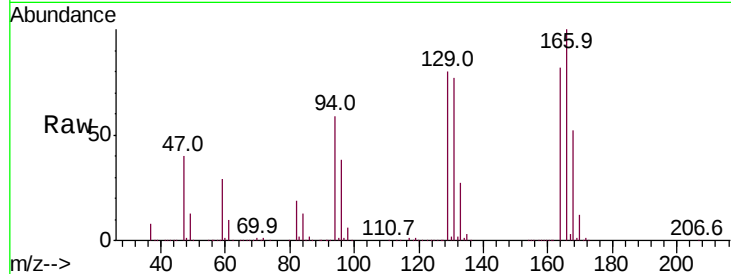
131 93.4

Manual Integrations

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Supervised By :Mahesh Dadoda 12/01/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.01 min

Lab File: VL038140.D

Acq: 29 Nov 2021 18:14

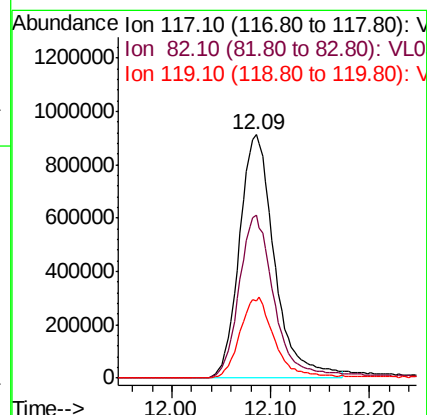
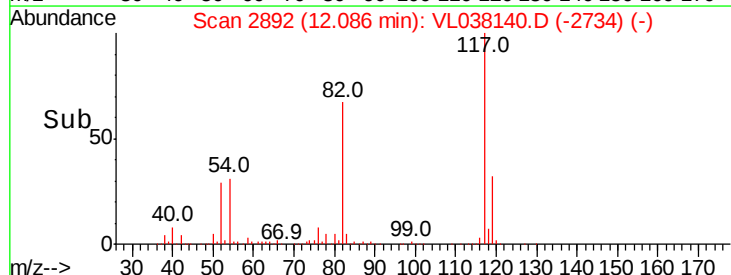
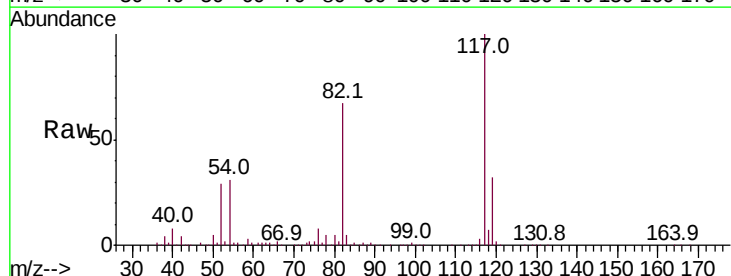
Tgt Ion:117 Resp: 2260562

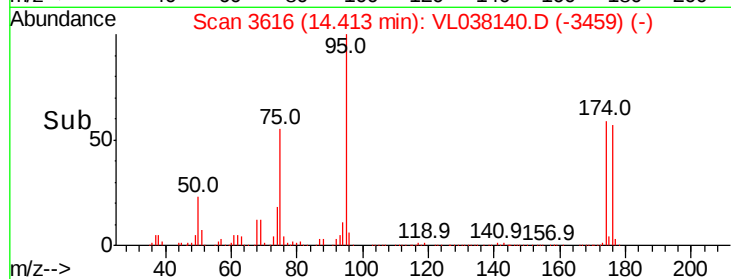
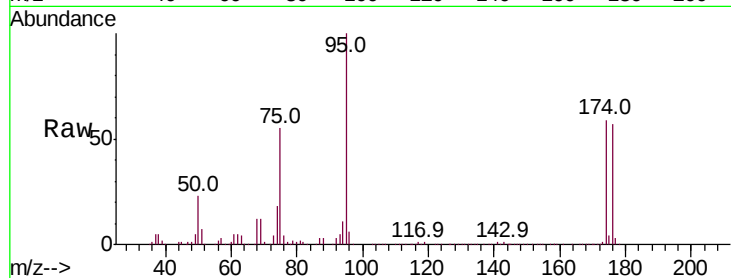
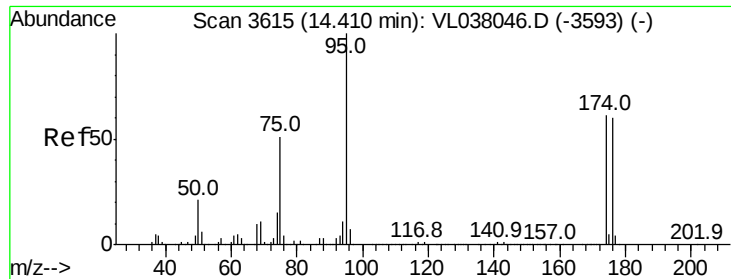
Ion Ratio Lower Upper

117 100

82 69.7 52.8 79.2

119 33.6 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.745 ppbv

RT: 14.41

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 18:14

Tot Ion:

Ion Ratio

95 100

174 64.

175 4.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/01/2021

