

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
 Data File : VL038676.D
 Acq On : 22 Mar 2022 8:03
 Operator : SY/AP
 Sample : N1964-15DL DUP 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P85DL DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 14:08:01 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	859099	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2142770	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1893476	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1464904	10.09	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.60	45	4466	0.92	ppbv	76
20) Methylene Chloride	4.34	84	57647m	1.85	ppbv	
26) Hexane	5.68	57	23845m	0.29	ppbv	
34) 2-Butanone	5.24	43	10736m	0.13	ppbv	
38) Trichloroethene	7.81	130	2204m	0.03	ppbv	
52) Tetrachloroethene	11.20	164	42743	0.71	ppbv	90

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

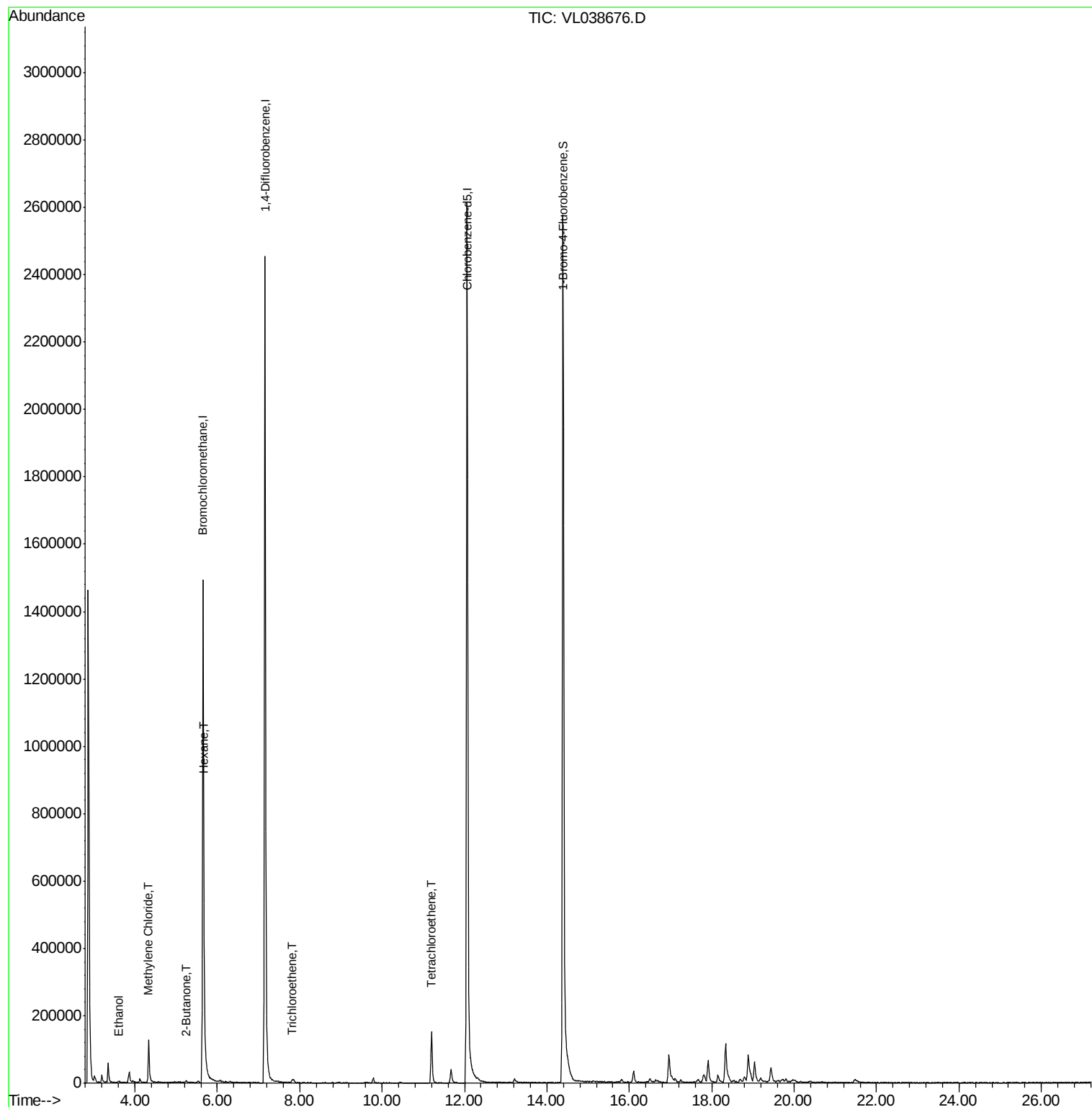
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
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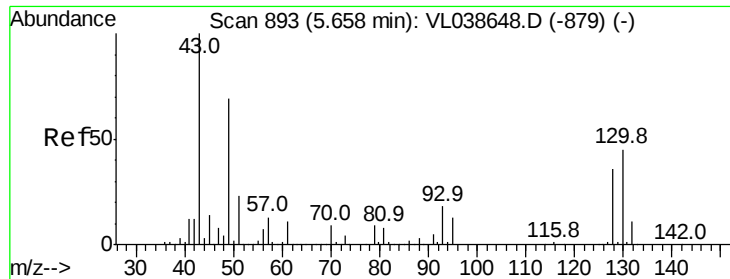
Instrument :
MSVOA_L
ClientSampleId :
C0P85DLUP

Quant Time: Mar 24 14:08:01 2022
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 8:03

Tgt Ion:

Ion Ratio

49 100

128 51.

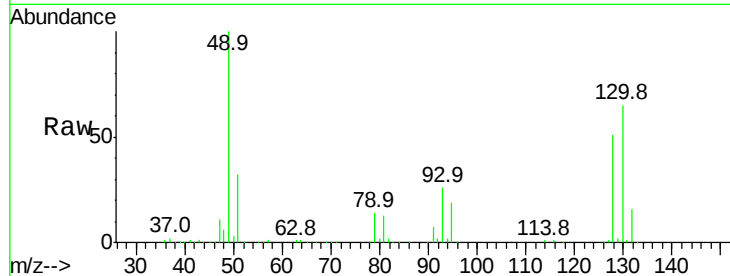
130 67.

Manual Integrations

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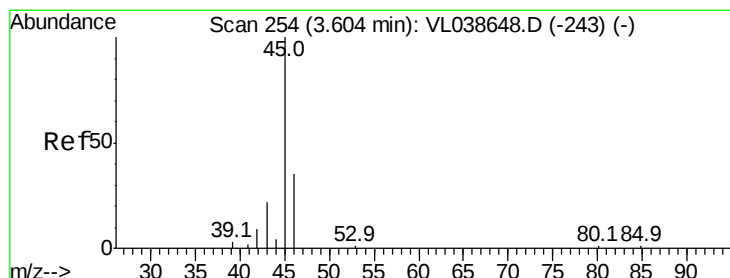
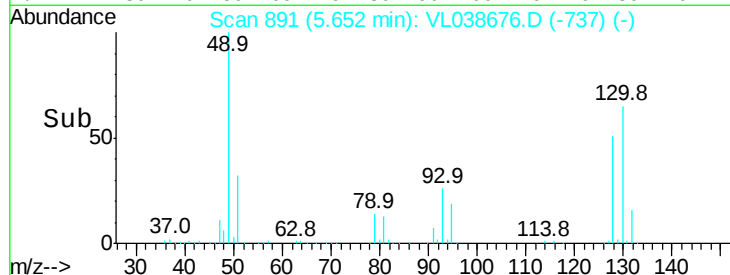
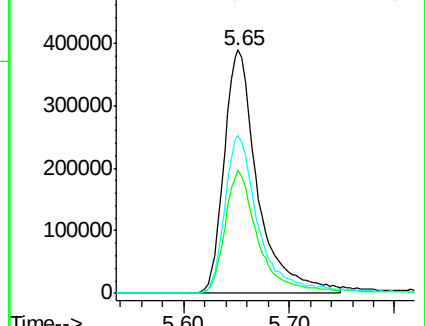
Supervised By :Mahesh Dadoda 03/24/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.92 ppbv

RT: 3.60 min Scan# 254

Delta R.T. 0.00 min

Lab File: VL038676.D

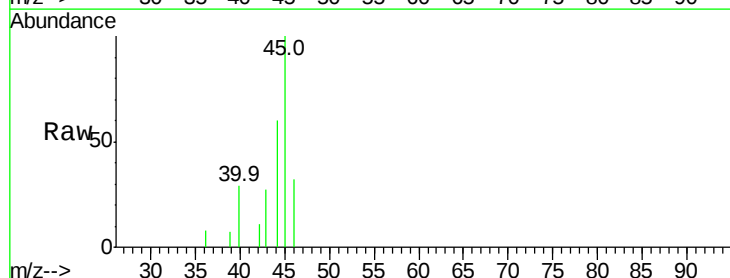
Acq: 22 Mar 2022 8:03

Tgt Ion: 45 Resp: 4466

Ion Ratio Lower Upper

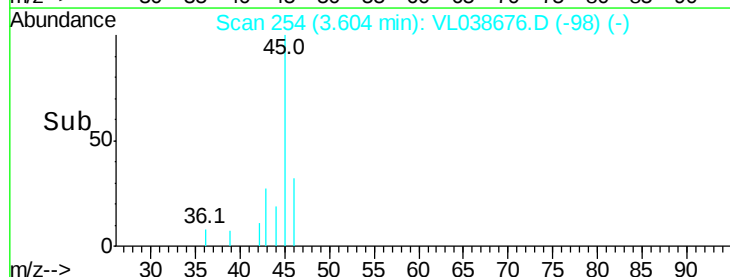
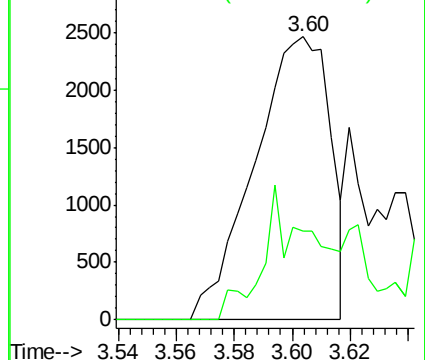
45 100

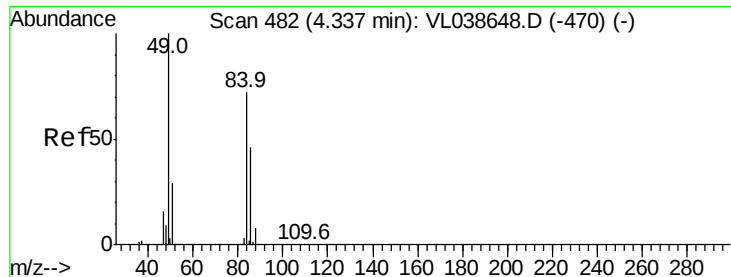
46 52.5 15.1 60.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



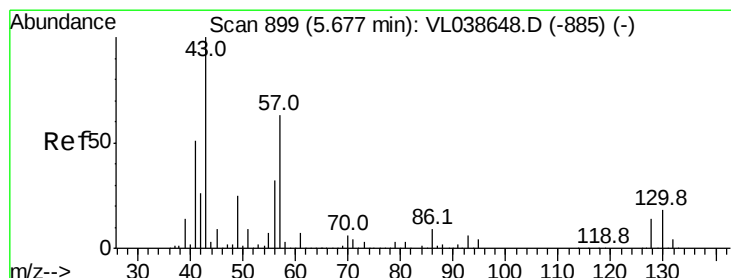
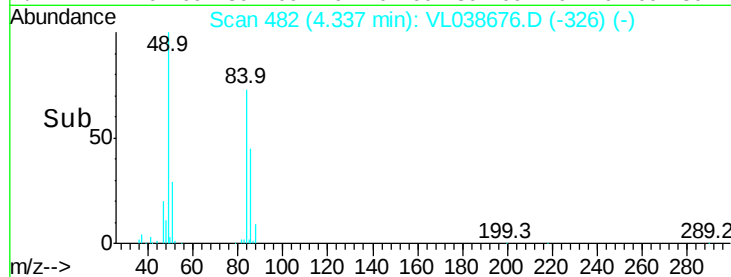
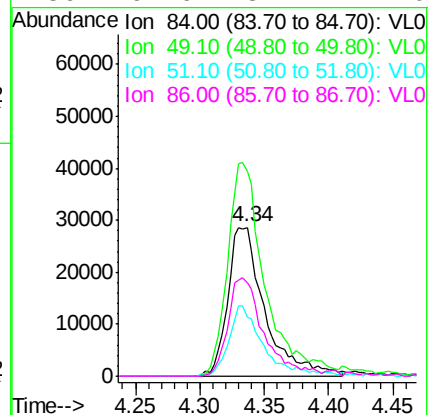
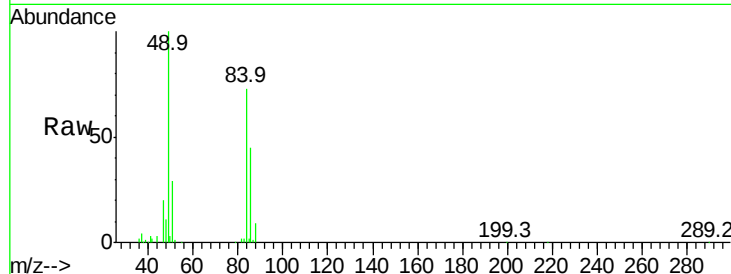


#20
Methylene Chloride
Concen: 1.85 ppbv m
RT: 4.34
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 22 Mar 2022 8:03

Tgt Ion:
Ion Ratio
84 100
49 137.
51 39.
86 62.6 51.4 77.0

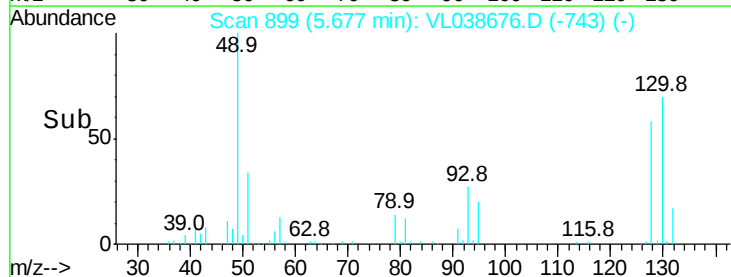
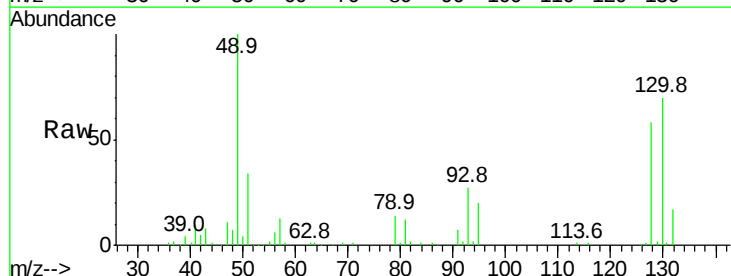
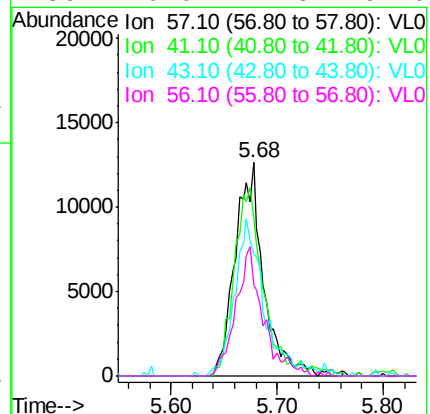
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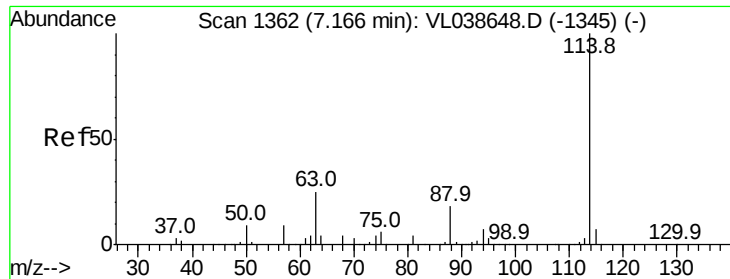
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#26
Hexane
Concen: 0.29 ppbv m
RT: 5.68 min Scan# 899
Delta R.T.: 0.00 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 57 Resp: 23845
Ion Ratio Lower Upper
57 100
41 0.0 67.0 100.4#
43 77.3 184.2 276.2#
56 0.0 42.6 64.0#



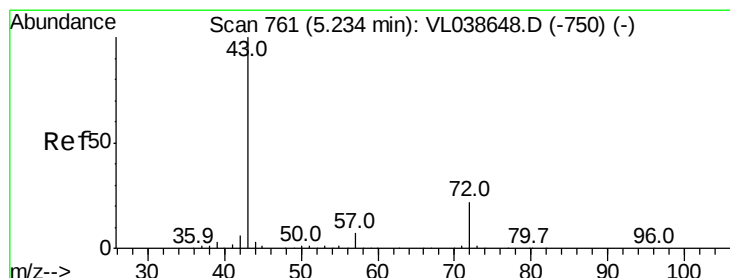
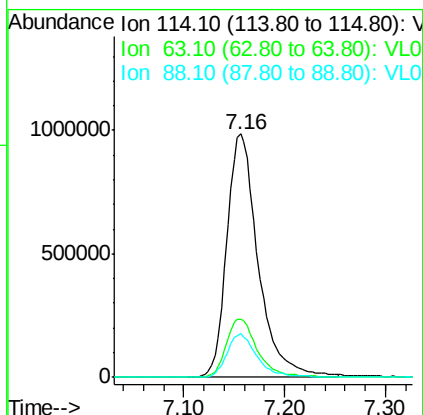
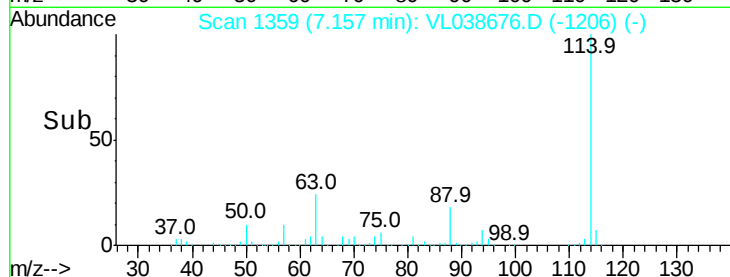
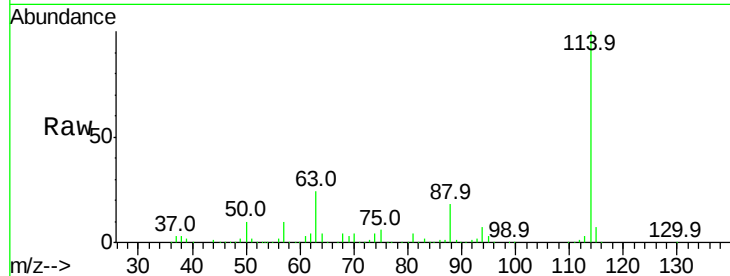


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 COP85DLDP
 Acq: 22 Mar 2022 8:03

Tgt Ion: 114.10
 Ion Ratio: 100
 114 100
 63 24.1
 88 17.7

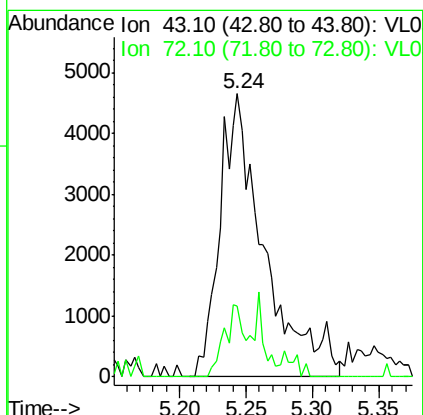
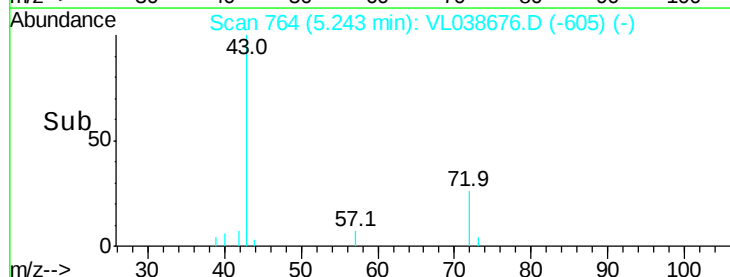
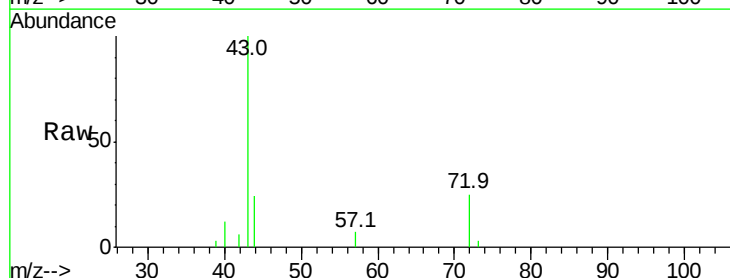
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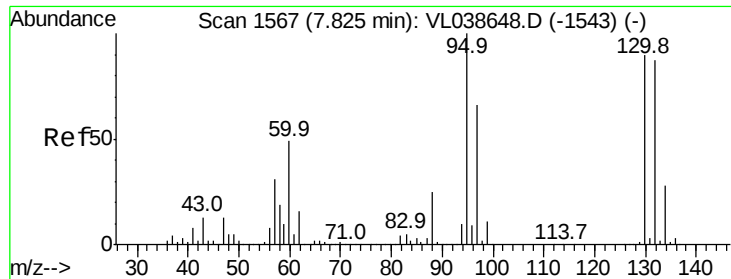
Reviewed By : Semsettin Yesilyurt 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022



#34
 2-Butanone
 Concen: 0.13 ppbv m
 RT: 5.24 min Scan# 764
 Delta R.T.: 0.01 min
 Lab File: VL038676.D
 Acq: 22 Mar 2022 8:03

Tgt Ion: 43 Resp: 10736
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.8 26.8#





#38

Trichloroethene

Concen: 0.03 ppbv m

RT: 7.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Mar 2022 8:03 COP85DLUP

Tgt Ion:1

Ion Rati

130 100

95 92.

132 42.

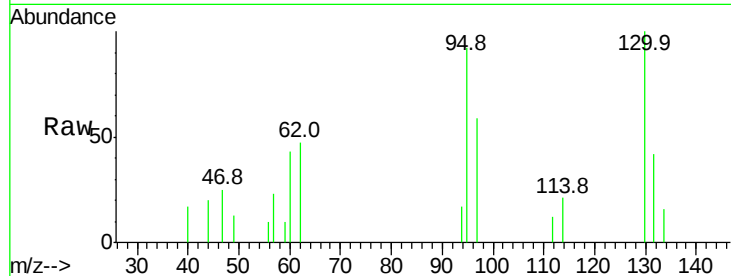
97 59.0 58.2 87.4

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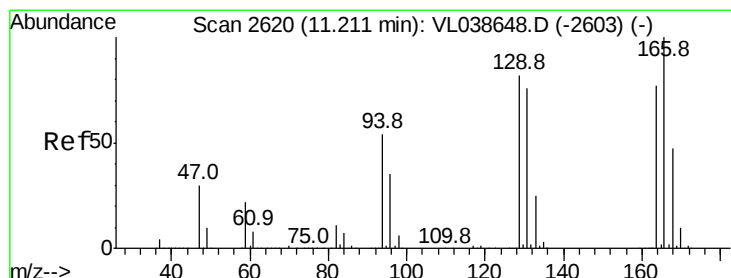
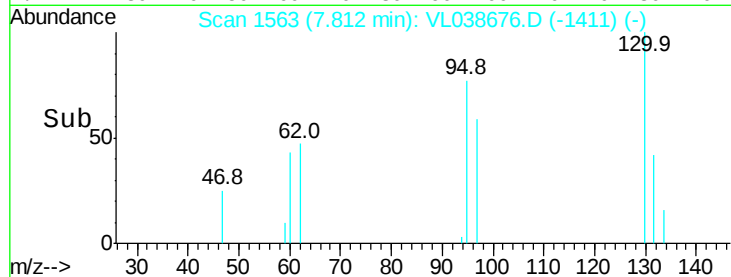
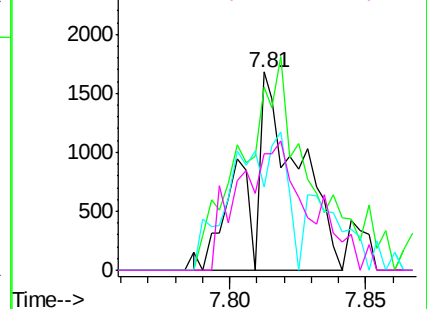


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#52

Tetrachloroethene

Concen: 0.71 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.01 min

Lab File: VL038676.D

Acq: 22 Mar 2022 8:03

Tgt Ion:164 Resp: 42743

Ion Ratio Lower Upper

164 100

166 119.1 103.3 154.9

129 99.0 85.2 127.8

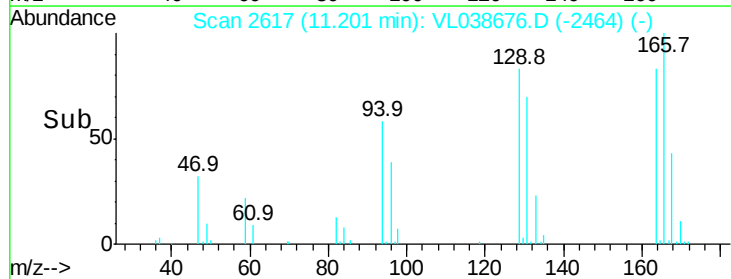
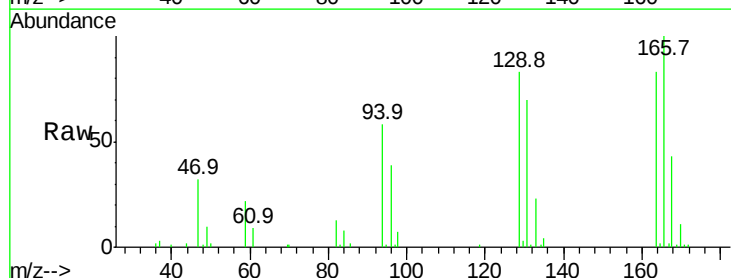
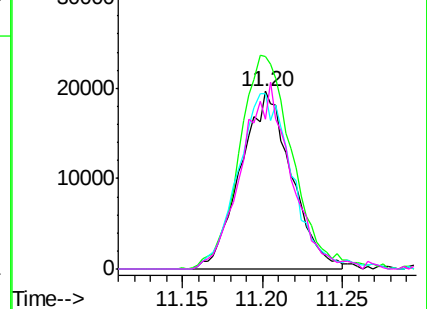
131 84.0 78.3 117.5

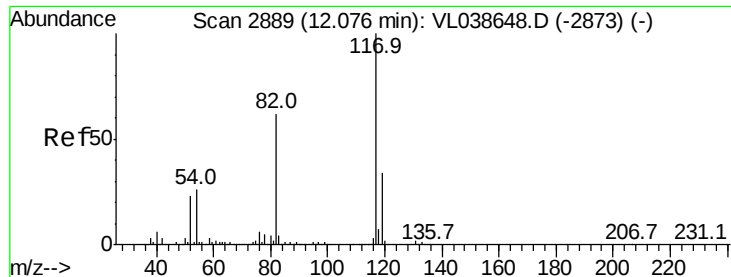
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



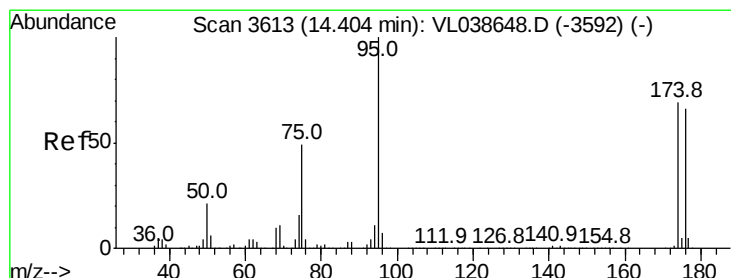
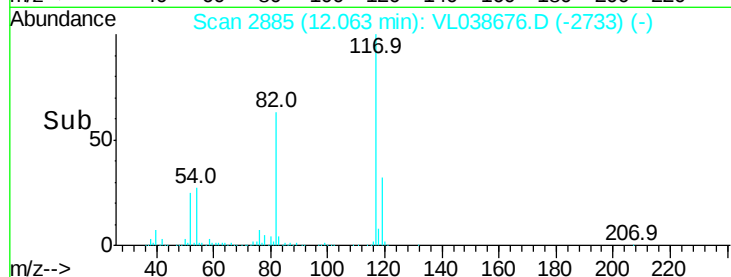
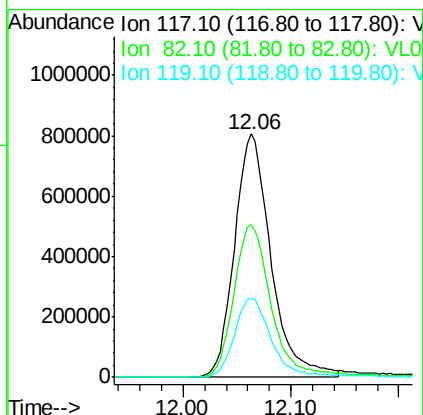
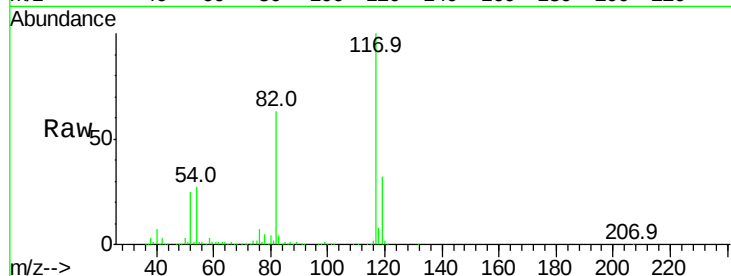


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
COP85DLDUP
Acq: 22 Mar 2022 8:03

Tgt Ion: 1
Ion Ratio
117 100
82 67.
119 33.

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.09 ppbv
RT: 14.39 min Scan# 3609
Delta R.T.: -0.01 min
Lab File: VL038676.D
Acq: 22 Mar 2022 8:03

Tgt Ion: 95 Resp: 1464904
Ion Ratio Lower Upper
95 100
174 69.3 56.1 84.1
175 5.1 4.2 6.2

