

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038720.D
 Acq On : 23 Mar 2022 17:50
 Operator : SY/AP
 Sample : N2047-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA0DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 24 05:34:33 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	920159	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2456879	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2087547	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1482166	9.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	10329m	0.22	ppbv	
13) Ethanol	3.61	45	17902m	3.46	ppbv	
15) Acetone	3.85	43	87679	1.10	ppbv #	80
20) Methylene Chloride	4.33	84	18648	0.56	ppbv	96
34) 2-Butanone	5.25	43	92664	0.95	ppbv	95
52) Tetrachloroethene	11.20	164	79535	1.15	ppbv	92

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

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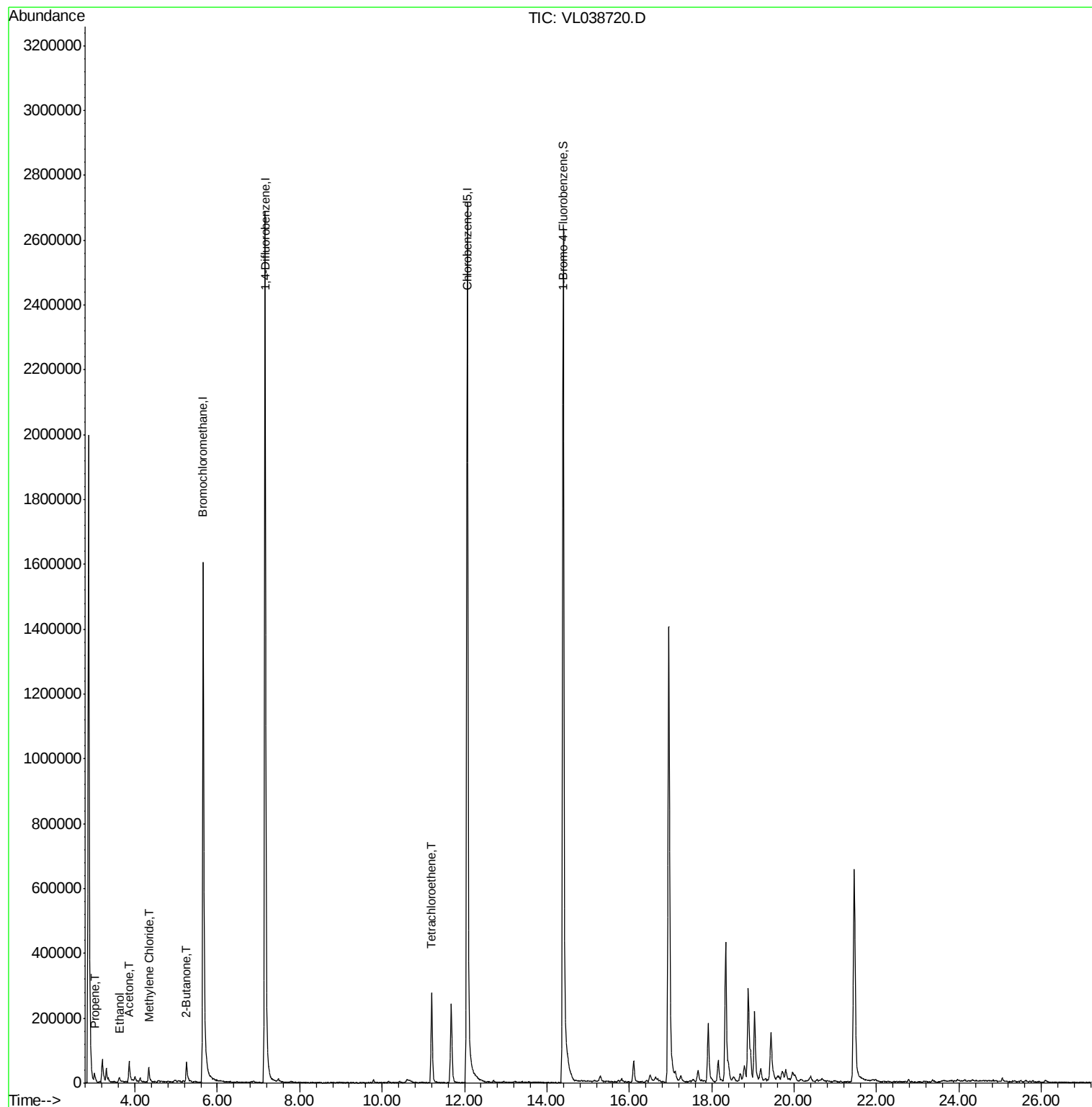
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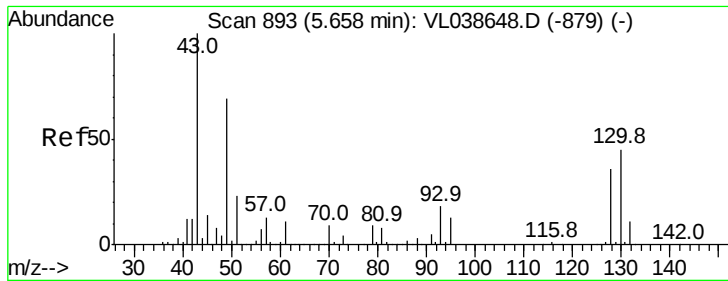
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Mar 21 17:09:26 2022

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 17:50

Tgt Ion:

Ion Ratio

49 100

128 56.

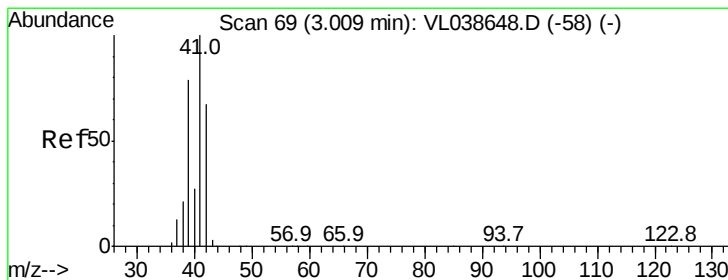
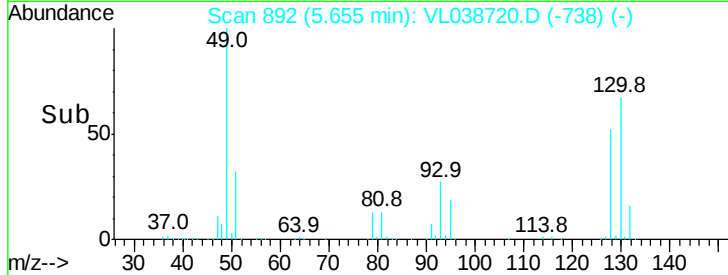
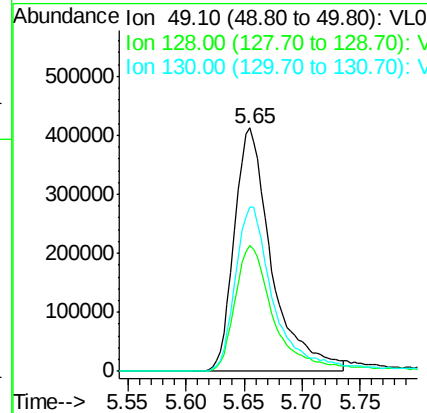
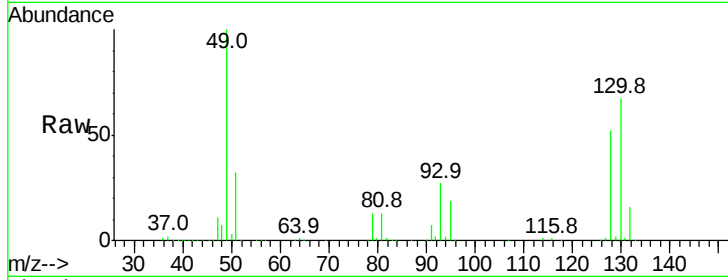
130 73.

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#9

Propene

Concen: 0.22 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL038720.D

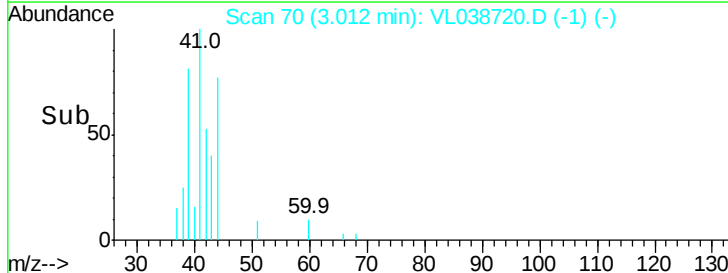
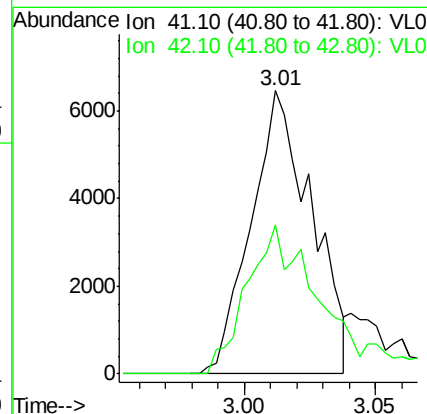
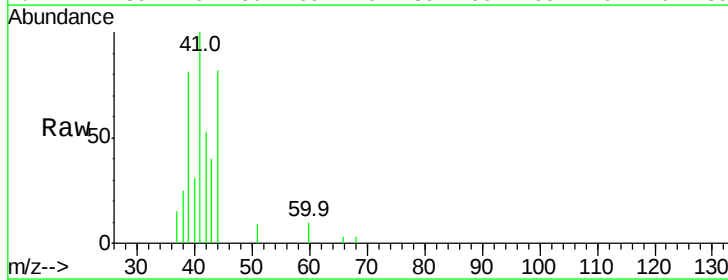
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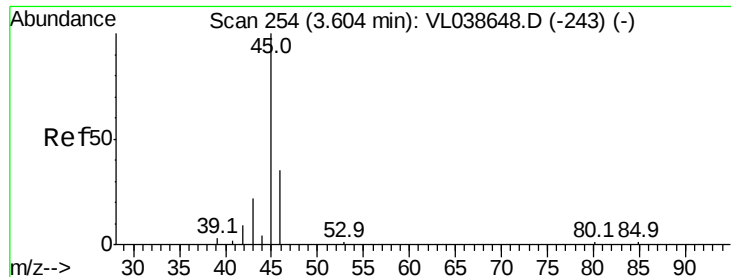
Tgt Ion: 41 Resp: 10329

Ion Ratio Lower Upper

41 100

42 67.0 56.2 84.4





#13

Ethanol

Concen: 3.46 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Mar 2022 17:50

Tgt Ion:

Ion Ratio

45 100

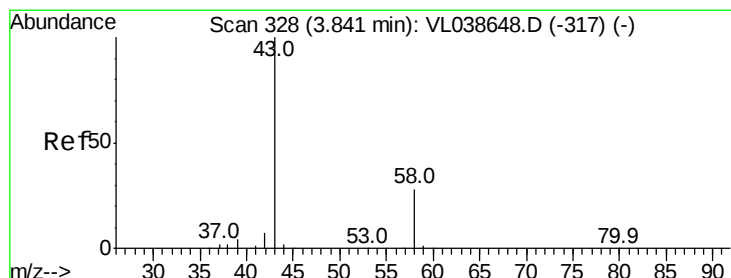
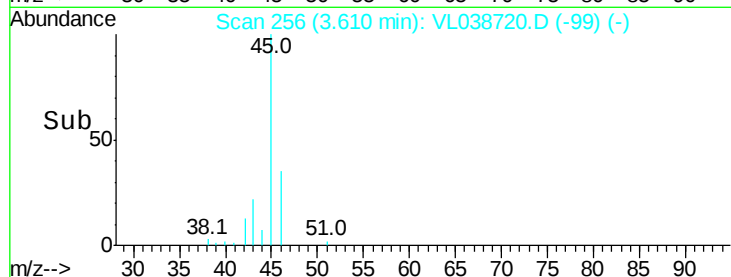
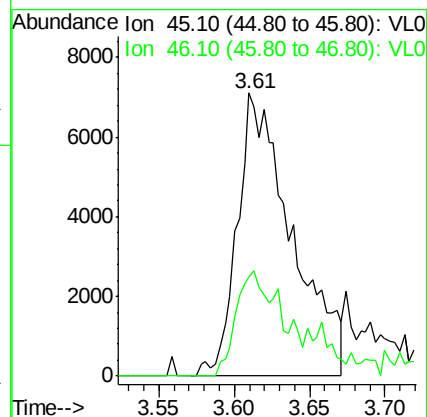
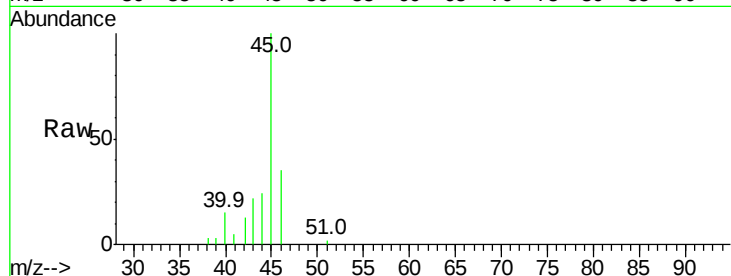
46 39.

Manual Integrations

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#15

Acetone

Concen: 1.10 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL038720.D

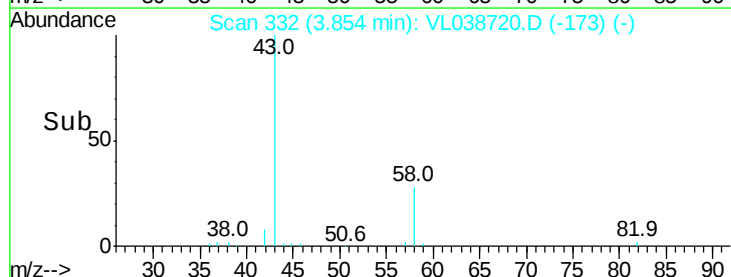
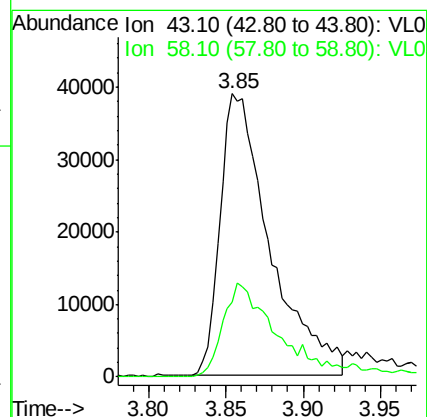
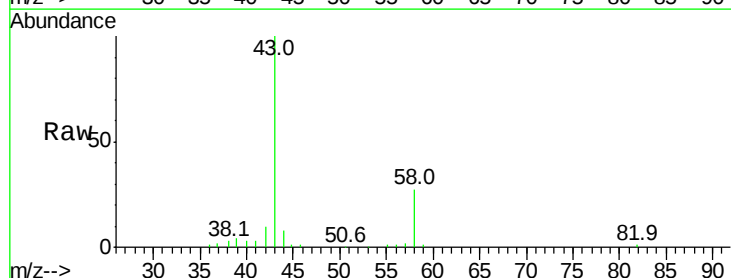
Acq: 23 Mar 2022 17:50

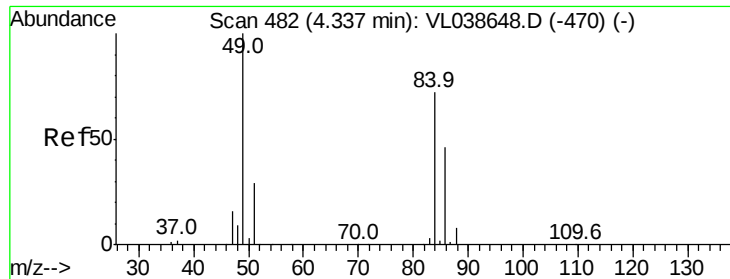
Tgt Ion: 43 Resp: 87679

Ion Ratio Lower Upper

43 100

58 39.9 23.3 34.9#



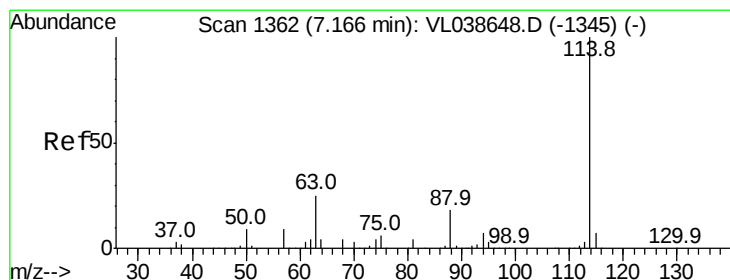
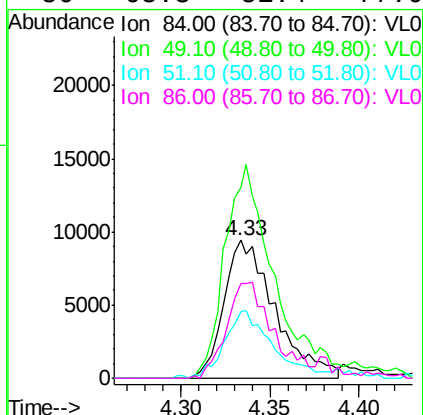
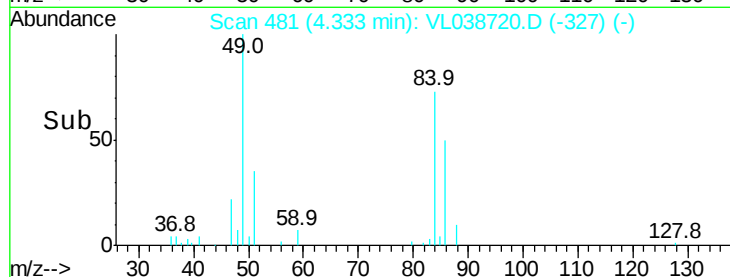
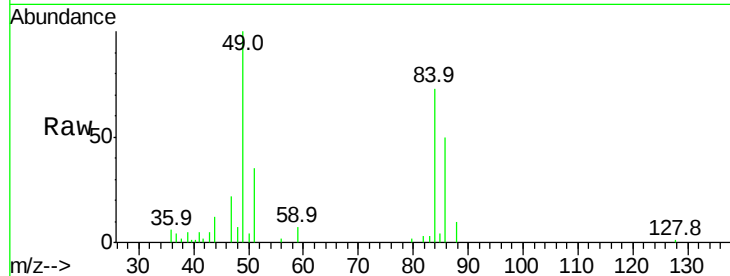


#20
Methylene Chloride
Concen: 0.56 ppbv
RT: 4.33
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Mar 2022 17:50

Tgt Ion:
Ion Ratio
84 100
49 137.
51 47.
86 68.3 51.4 77.0

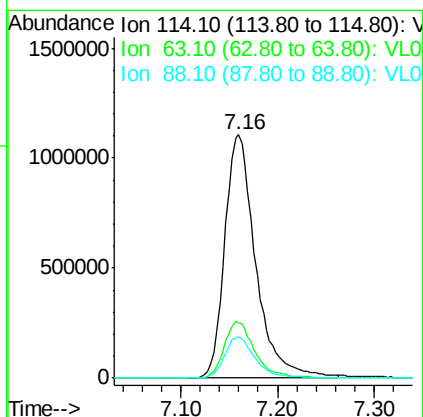
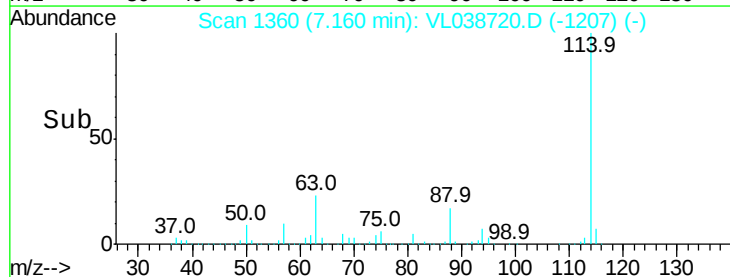
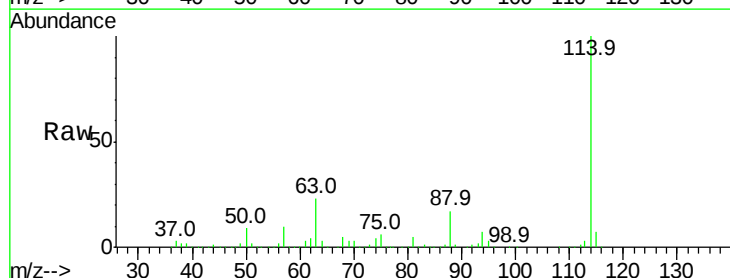
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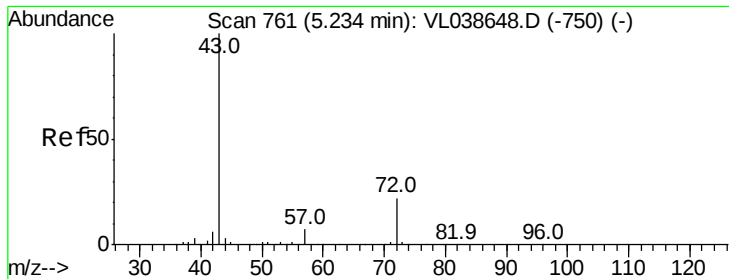
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL038720.D
Acq: 23 Mar 2022 17:50

Tgt Ion:114 Resp: 2456879
Ion Ratio Lower Upper
114 100
63 23.5 19.4 29.0
88 17.1 13.9 20.9



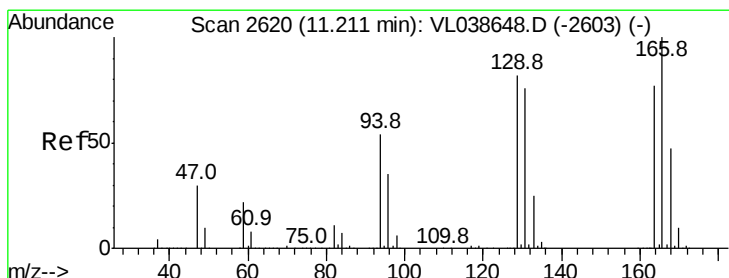
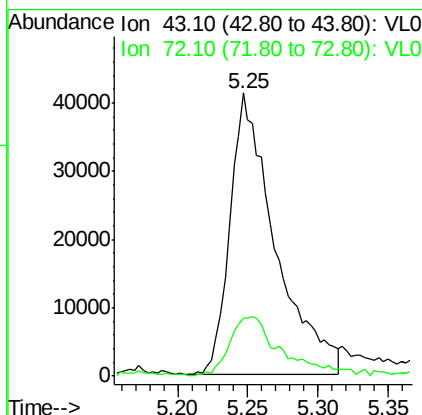
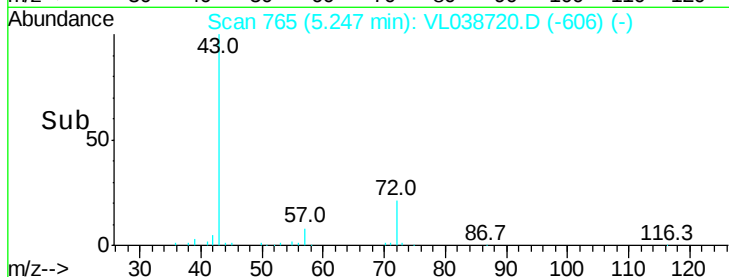
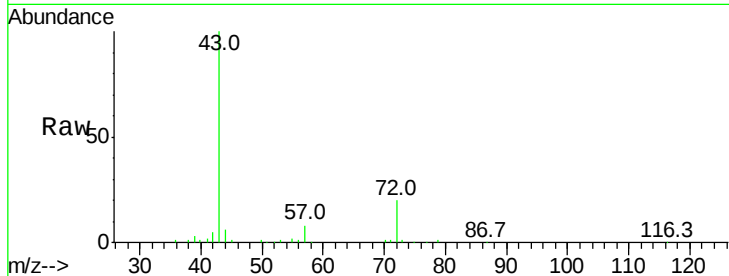


#34
2-Butanone
Concen: 0.95 ppbv
RT: 5.25
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Mar 2022 17:50

Tgt Ion:
Ion Ratio
43 100
72 24.

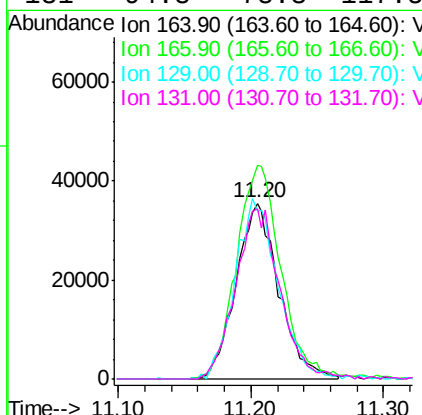
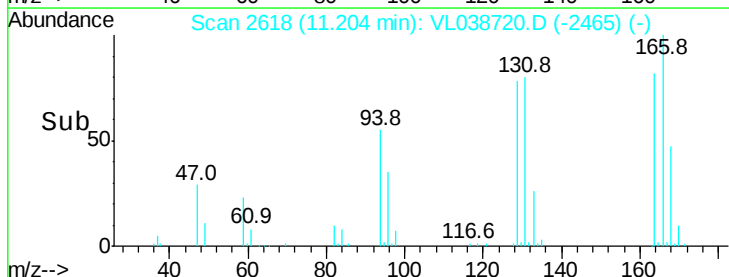
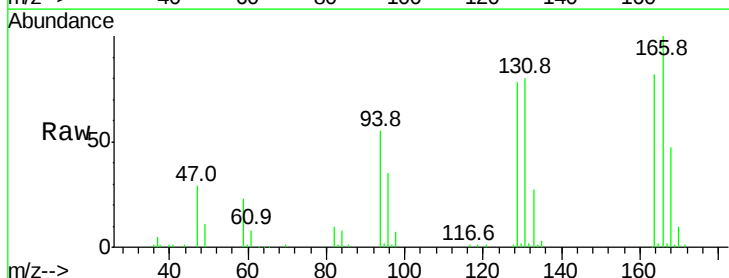
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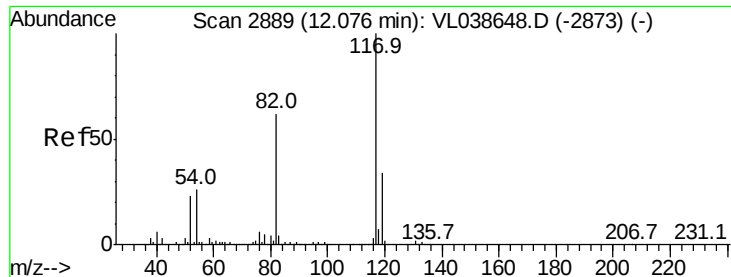
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Tetrachloroethene
Concen: 1.15 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL038720.D
Acq: 23 Mar 2022 17:50

Tgt Ion:164 Resp: 79535
Ion Ratio Lower Upper
164 100
166 118.9 103.3 154.9
129 93.3 85.2 127.8
131 94.8 78.3 117.5



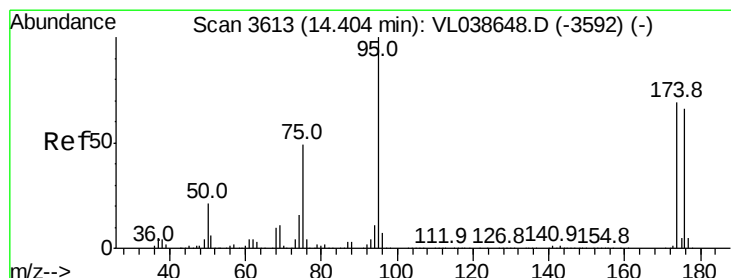
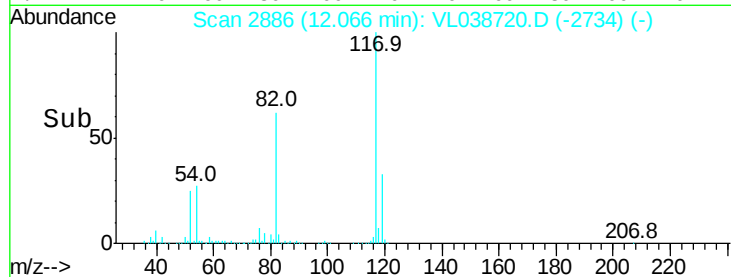
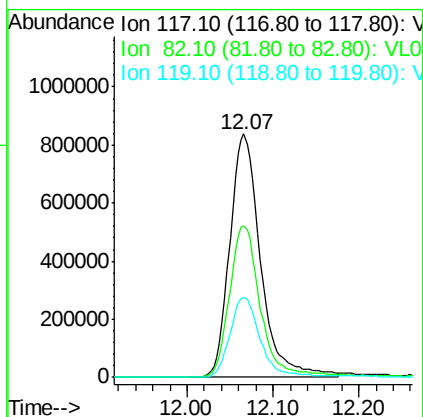
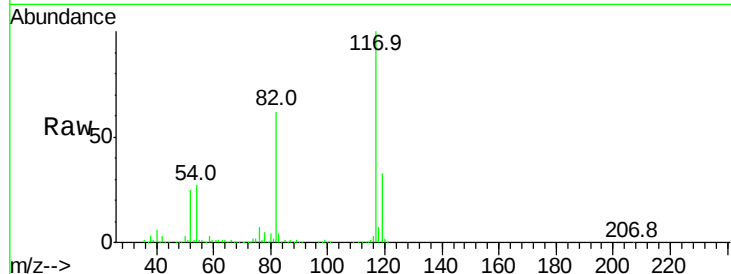


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.07 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 COPADL
 Acq: 23 Mar 2022 17:50

Tgt Ion: 117
 Ion Ratio: 100
 82 64.1
 119 33.3

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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.26 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T.: -0.01 min
 Lab File: VL038720.D
 Acq: 23 Mar 2022 17:50

Tgt Ion: 95 Resp: 1482166
 Ion Ratio Lower Upper
 95 100
 174 72.4 56.1 84.1
 175 5.1 4.2 6.2

