

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\
 Data File : VL038174.D
 Acq On : 14 Dec 2021 20:03
 Operator : SY/AP
 Sample : M5075-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-UDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:33:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.63	49	1053265	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2770087	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2383755	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.36	95	1847484	10.74	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	16199	0.199	ppbv	# 83
13) Ethanol	3.60	45	18172m	2.308	ppbv	
15) Acetone	3.85	43	28827	0.316	ppbv	98
19) Isopropyl Alcohol	3.96	45	9860m	0.149	ppbv	
20) Methylene Chloride	4.31	84	28451m	0.556	ppbv	
61) Styrene	13.47	104	83351	0.505	ppbv	92

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

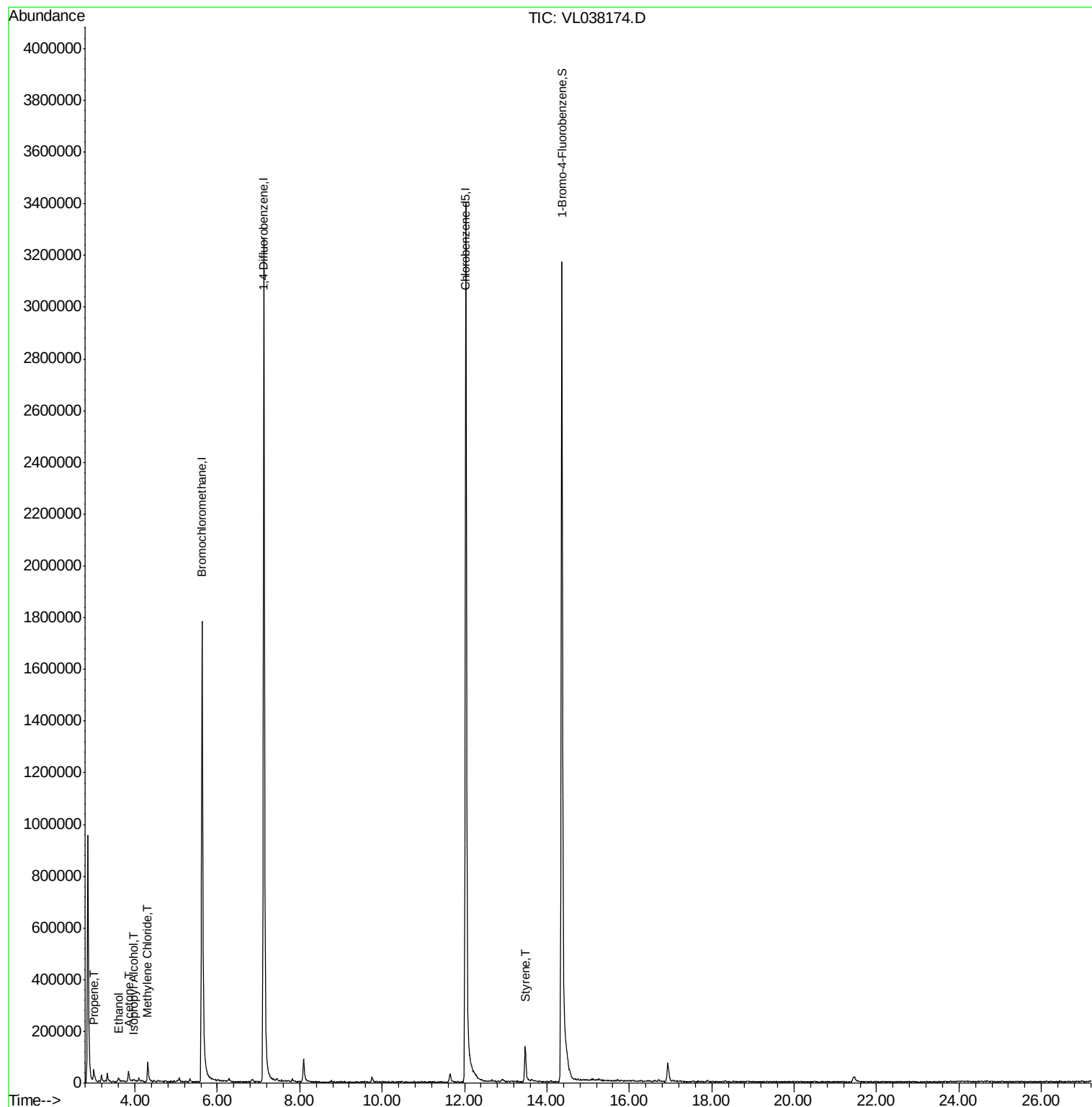
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121421\
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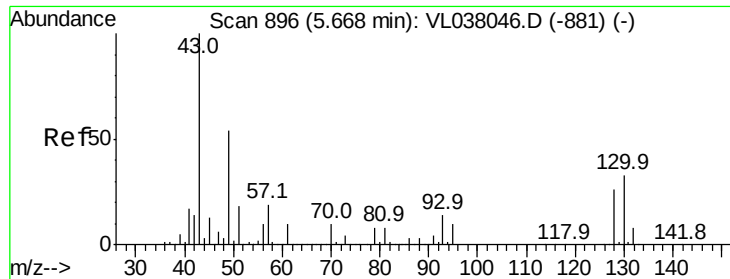
Instrument :
MSVOA_L
ClientSampleId :
AA-UDL

Quant Time: Dec 15 06:33:05 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
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 20:03

Tot Ion:

Ion Ratio

49 100

128 47.

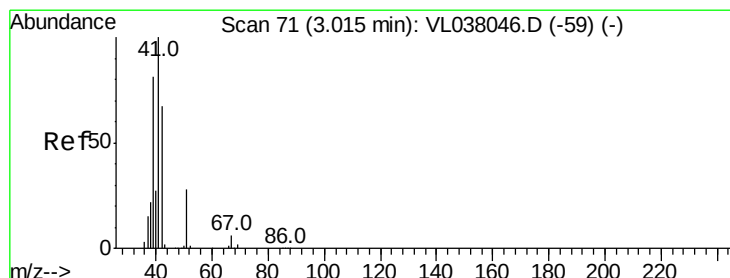
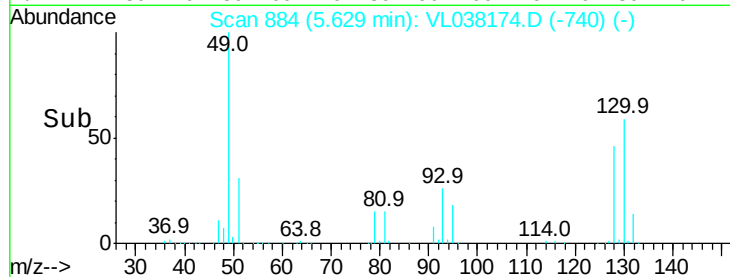
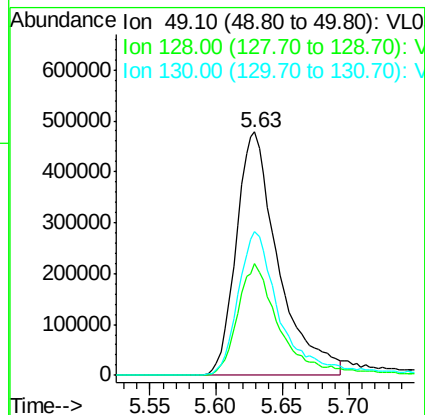
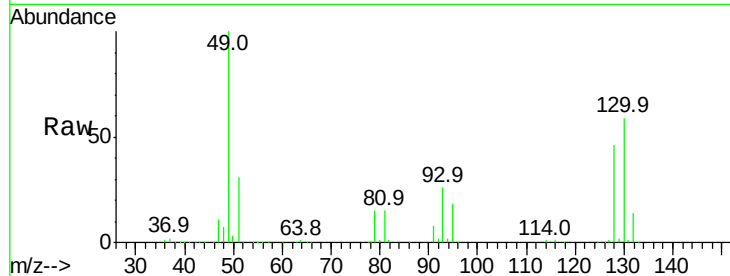
130 62.

Manual Integrations

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#9

Propene

Concen: 0.199 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL038174.D

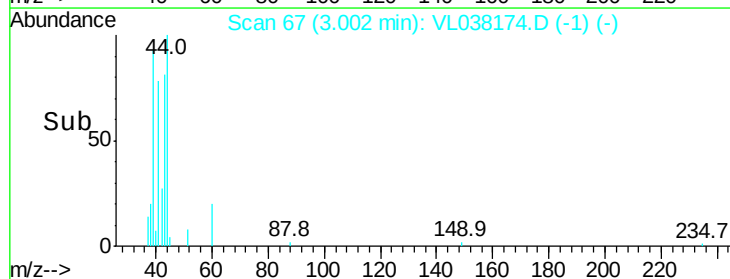
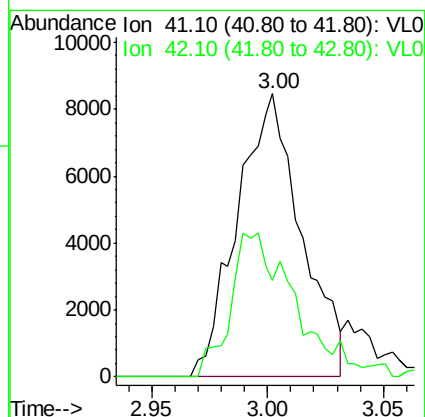
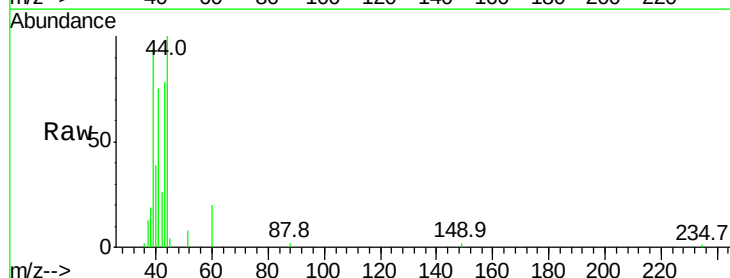
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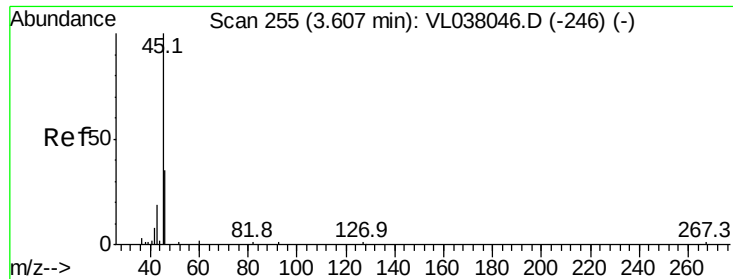
Tgt Ion: 41 Resp: 16199

Ion Ratio Lower Upper

41 100

42 53.6 53.8 80.8#



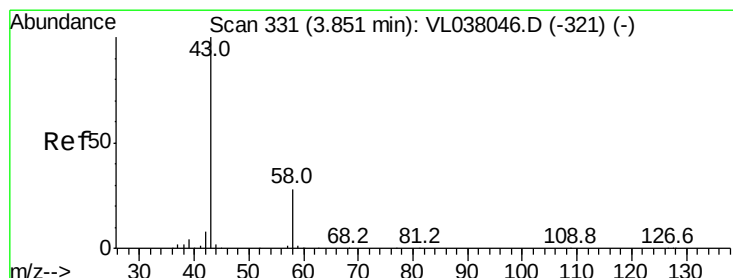
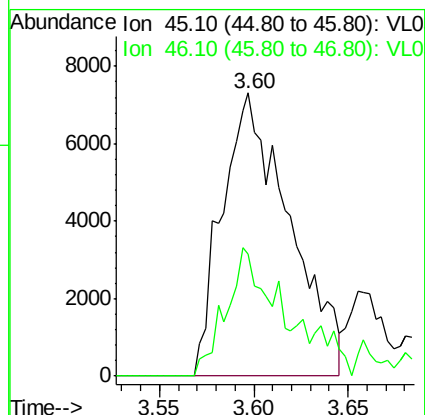
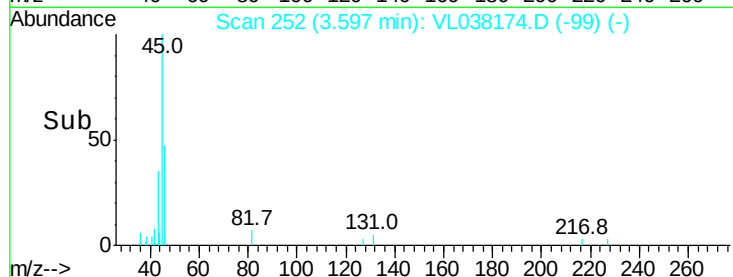
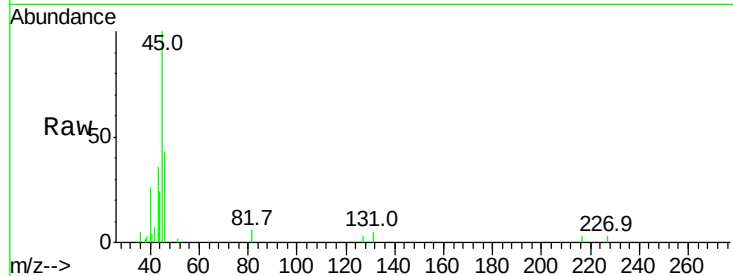


#13
Ethanol
Concen: 2.308 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Dec 2021 20:03

Tot Ion:
Ion Ratio
45 100
46 0.

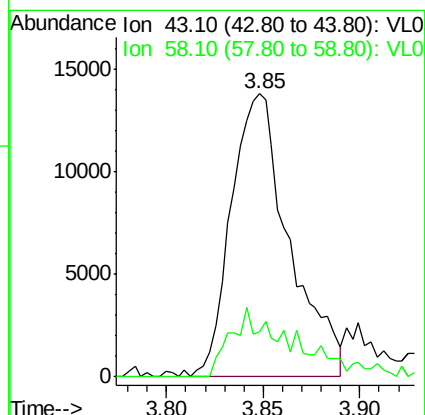
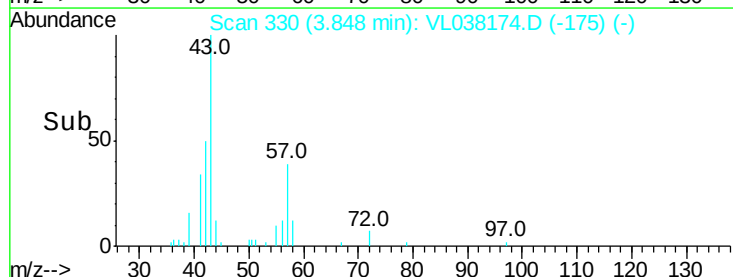
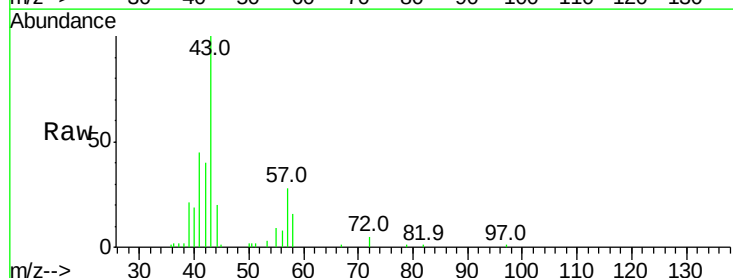
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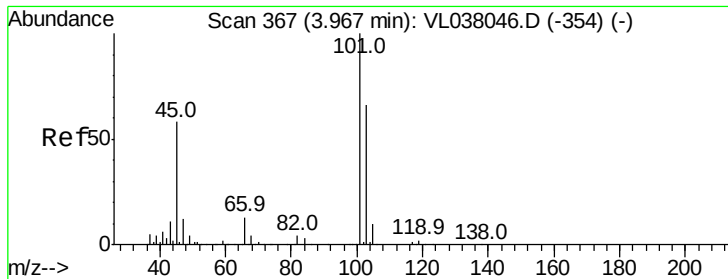
Reviewed By :Amit Patel 12/15/2021
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#15
Acetone
Concen: 0.316 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL038174.D
Acq: 14 Dec 2021 20:03

Tgt Ion: 43 Resp: 28827
Ion Ratio Lower Upper
43 100
58 26.9 22.4 33.6





#19

Isopropyl Alcohol

Concen: 0.149 ppbv m

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Dec 2021 20:03

Tot Ion:

Ion Ratio

45 100

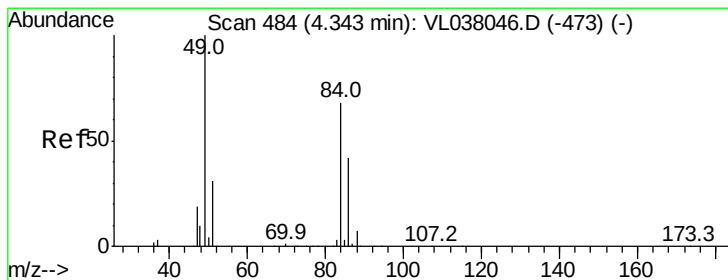
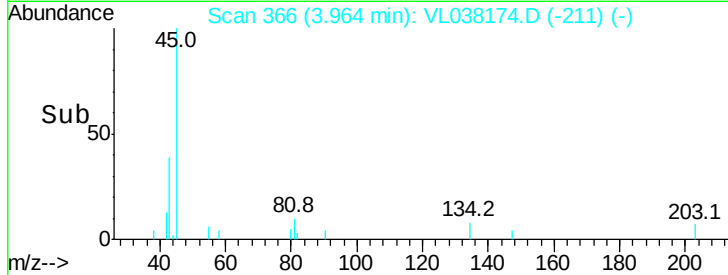
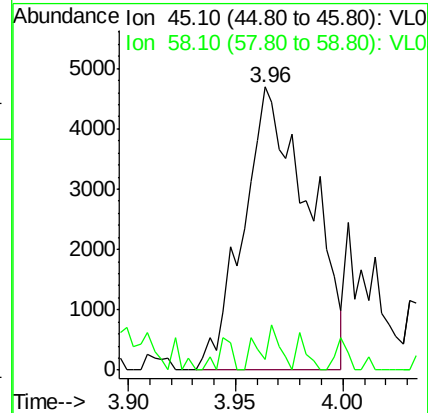
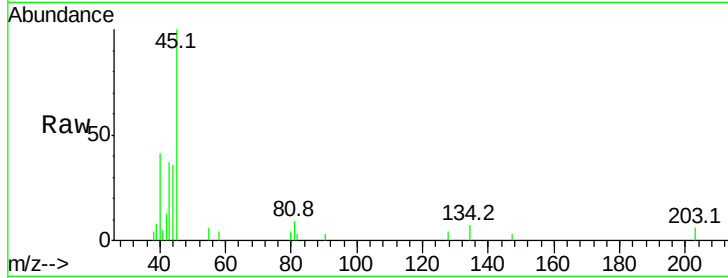
58 4.

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#20

Methylene Chloride

Concen: 0.556 ppbv m

RT: 4.31 min Scan# 475

Delta R.T. -0.03 min

Lab File: VL038174.D

Acq: 14 Dec 2021 20:03

Tgt Ion: 84 Resp: 28451

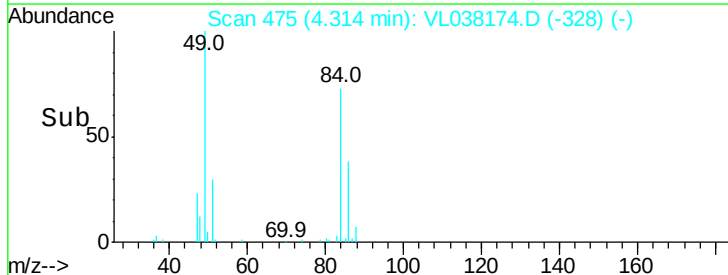
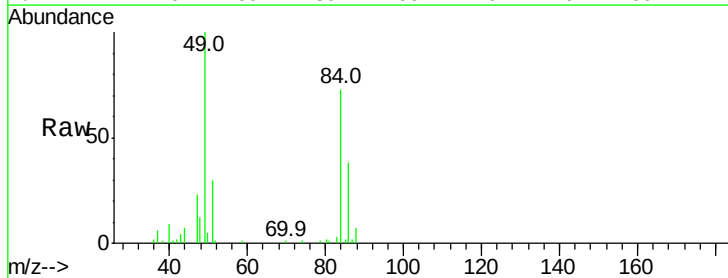
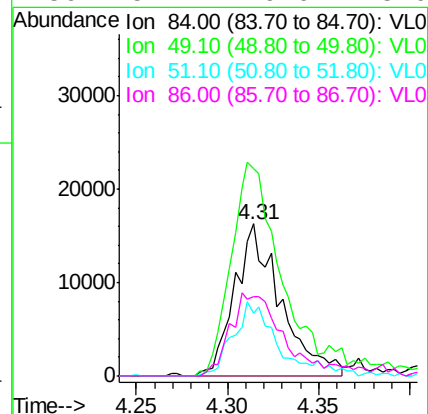
Ion Ratio Lower Upper

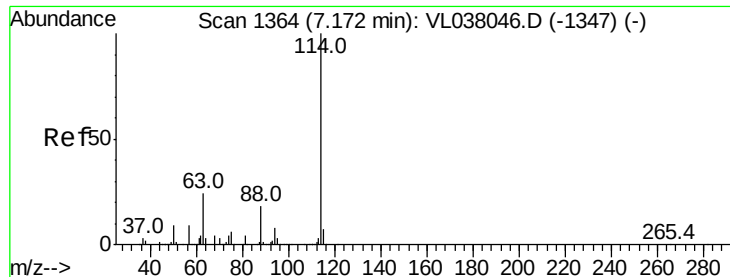
84 100

49 137.0 118.2 177.2

51 41.6 36.8 55.2

86 52.1 49.0 73.6



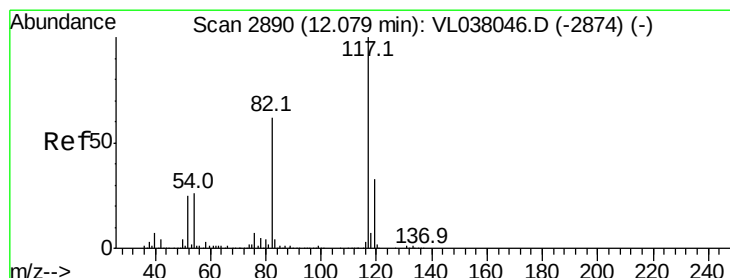
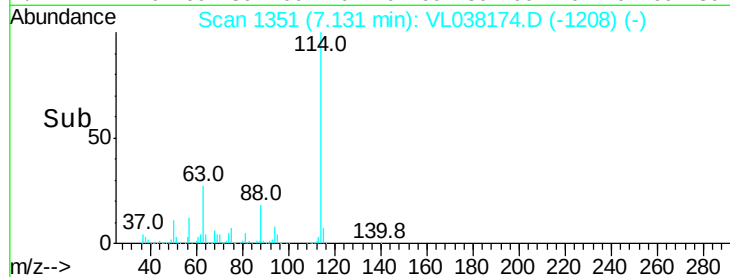
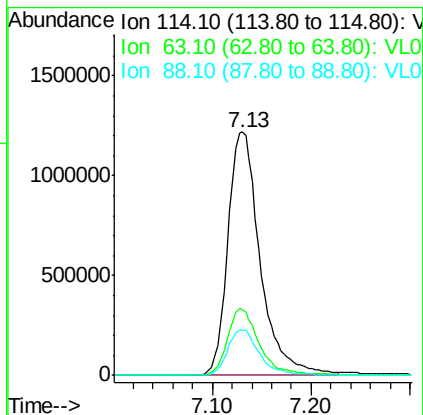
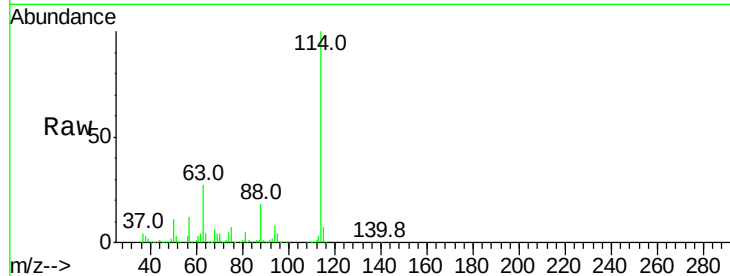


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.13 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Dec 2021 20:03

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

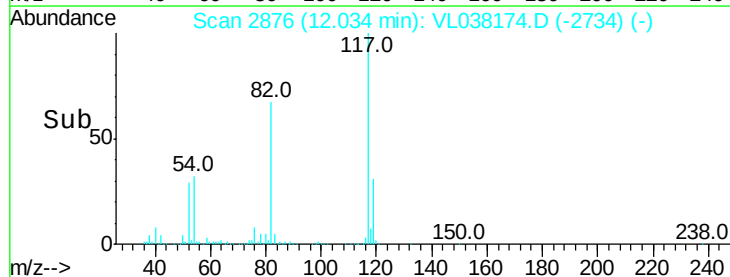
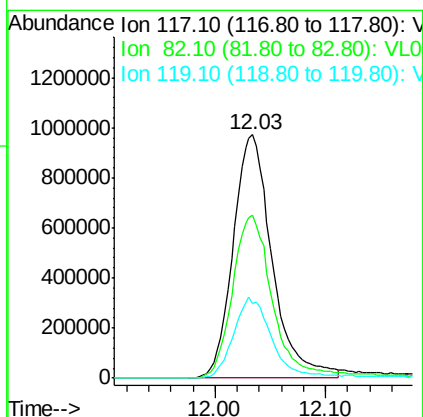
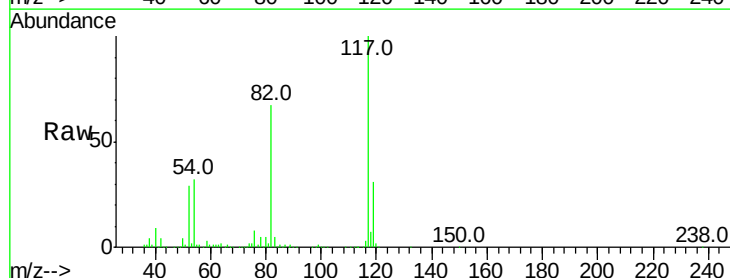
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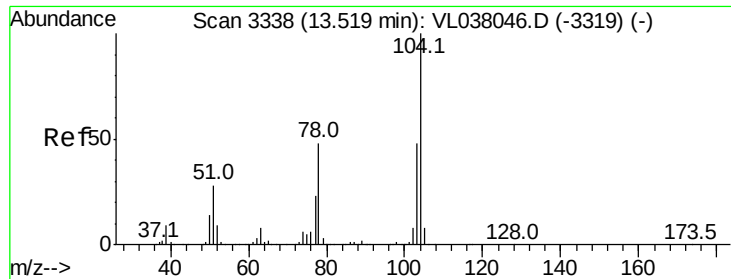
Reviewed By :Amit Patel 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/16/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.03 min Scan# 2876
 Delta R.T. -0.04 min
 Lab File: VL038174.D
 Acq: 14 Dec 2021 20:03

Tgt Ion:117 Resp: 2383755
 Ion Ratio Lower Upper
 117 100
 82 72.1 52.8 79.2
 119 33.2 26.8 40.2



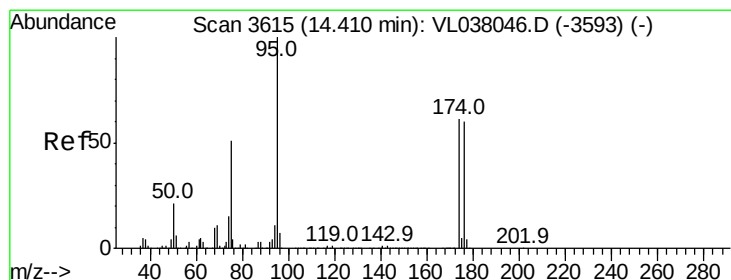
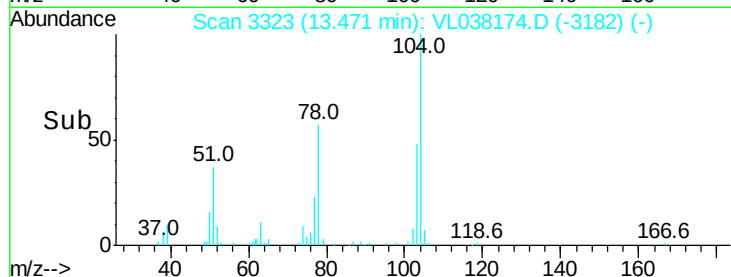
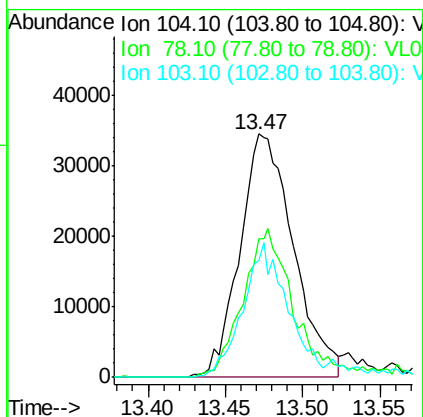
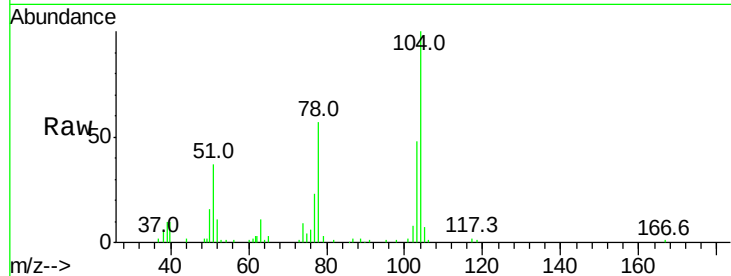


#61
Stvrene
Concen: 0.505 ppbv
RT: 13.47
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Dec 2021 20:03

Tot Ion: 1
Ion Ratio
104 100
78 59.
103 49.

Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/16/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.745 ppbv
RT: 14.36 min Scan# 3600
Delta R.T.: -0.05 min
Lab File: VL038174.D
Acq: 14 Dec 2021 20:03

Tgt Ion: 95 Resp: 1847484
Ion Ratio Lower Upper
95 100
174 64.0 53.1 79.7
175 4.8 4.0 6.0

