

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038501.D
 Acq On : 3 Mar 2022 3:18
 Operator : SY/AP
 Sample : N1754-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 03 05:14:59 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	843648	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	1953102	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1736042	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1412924	9.84	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.00	51	78354	0.526	ppbv	94
9) Propene	3.04	41	15486	0.315	ppbv #	79
13) Ethanol	3.61	45	1511509	307.918	ppbv	88
15) Acetone	3.87	43	122924	1.713	ppbv	100
19) Isopropyl Alcohol	3.98	45	256887	6.183	ppbv #	95
20) Methylene Chloride	4.36	84	7079	0.199	ppbv	90
25) Ethyl Acetate	5.69	43	24258m	0.126	ppbv	
52) Tetrachloroethene	11.22	164	5707m	0.100	ppbv	

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

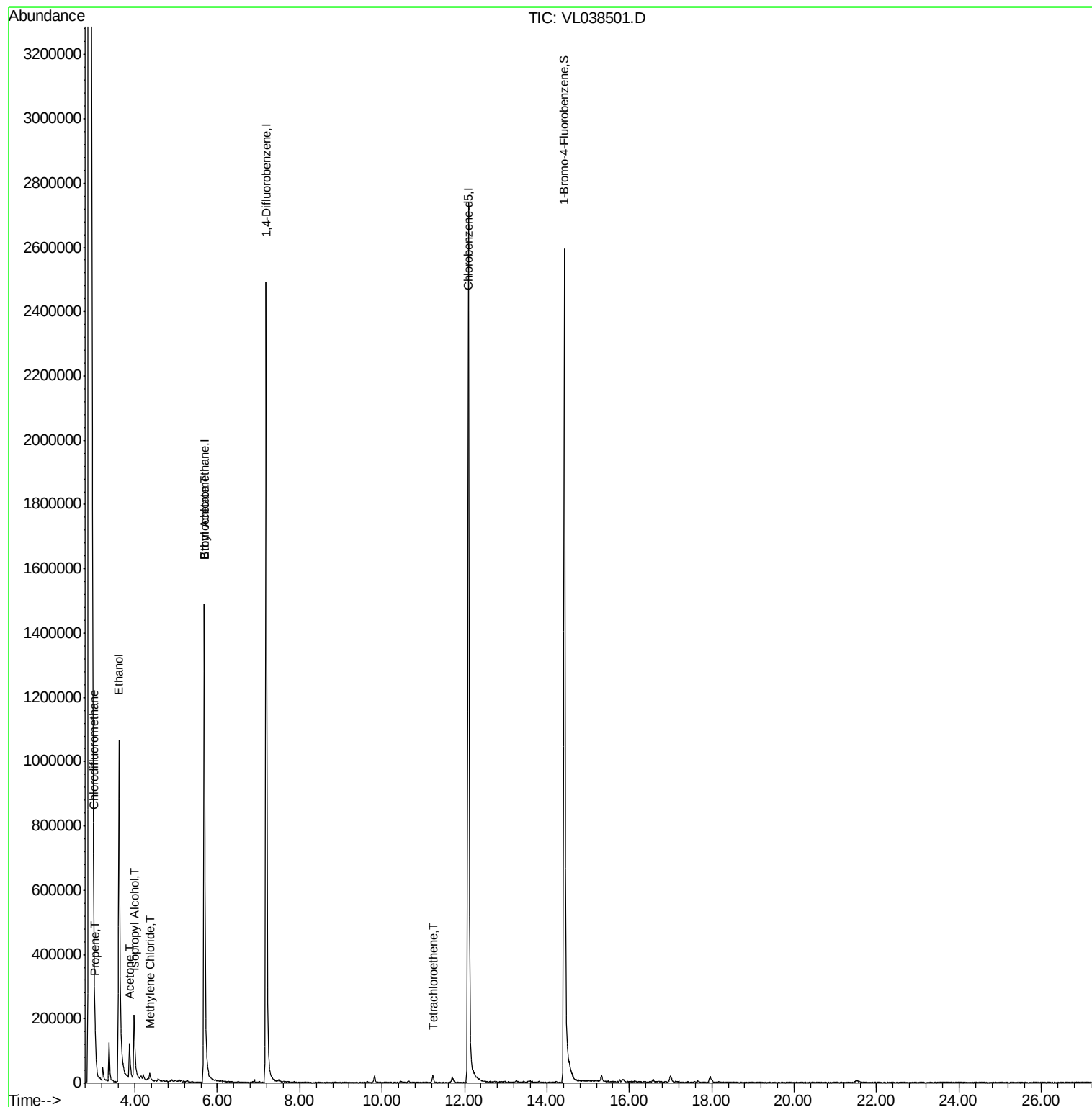
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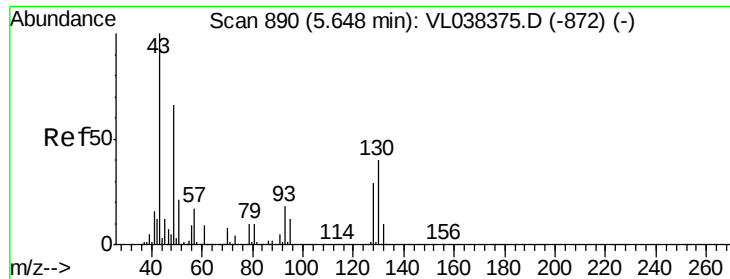
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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Quant Time: Mar 03 05:14:59 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222.D
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Supervised By :Mahesh Dadoda 03/07/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DL

Acq: 3 Mar 2022 3:18

Tot Ion:

Ion Ratio

49 100

128 46.

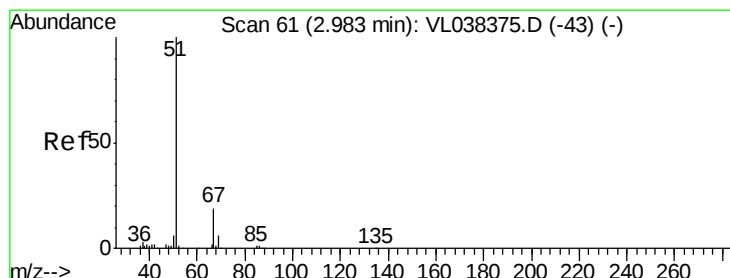
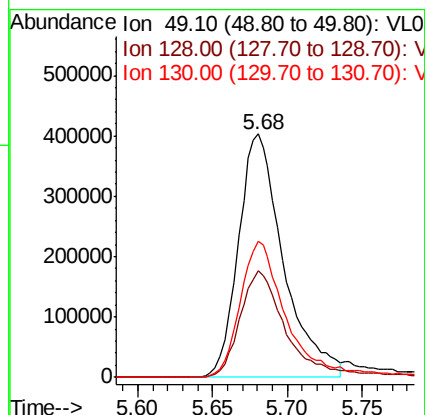
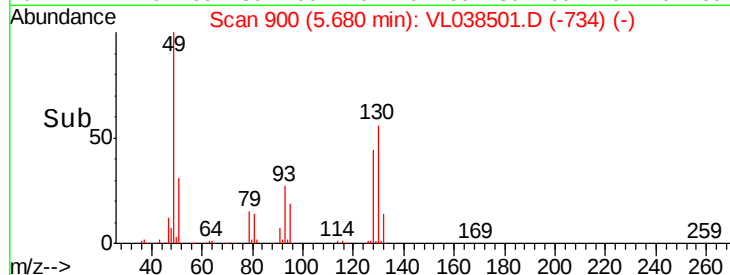
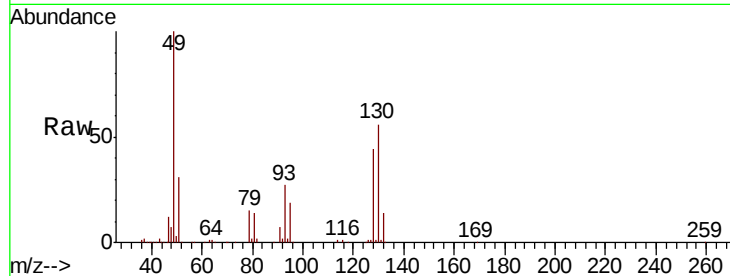
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#3

Chlorodifluoromethane

Concen: 0.526 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.02 min

Lab File: VL038501.D

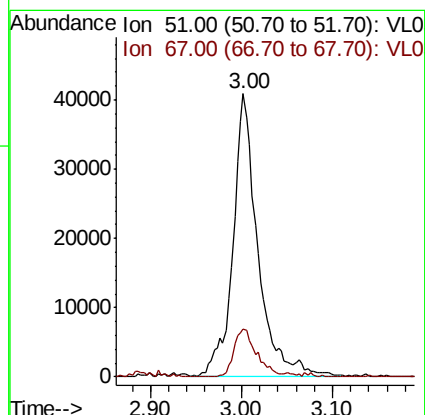
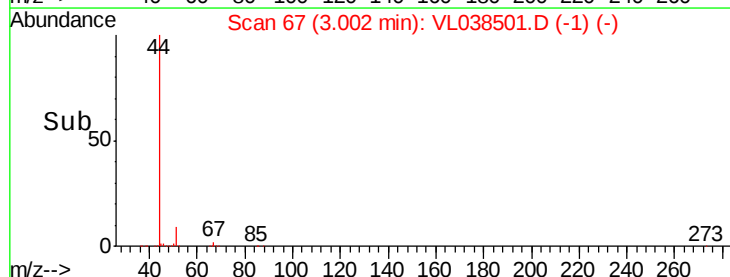
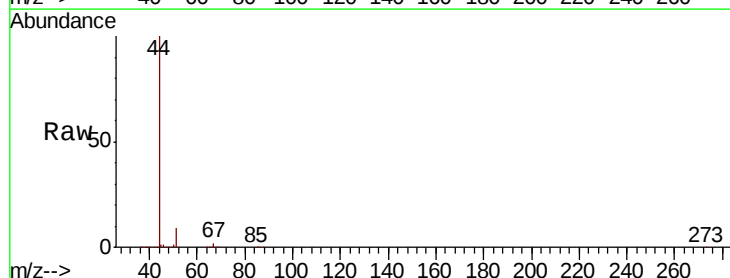
Acq: 3 Mar 2022 3:18

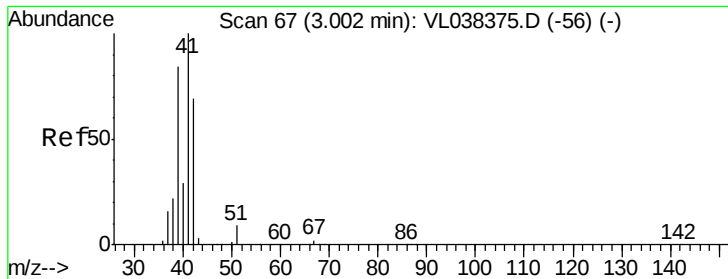
Tgt Ion: 51 Resp: 78354

Ion Ratio Lower Upper

51 100

67 15.9 14.7 22.1



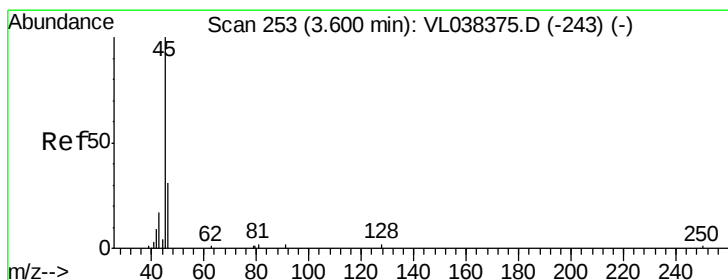
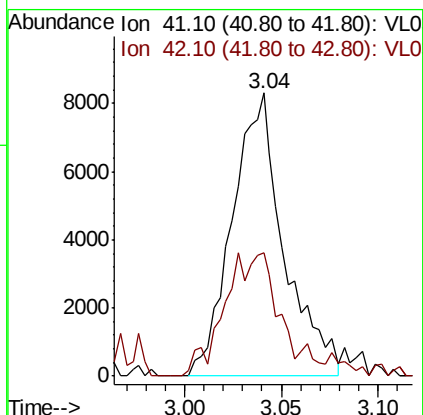
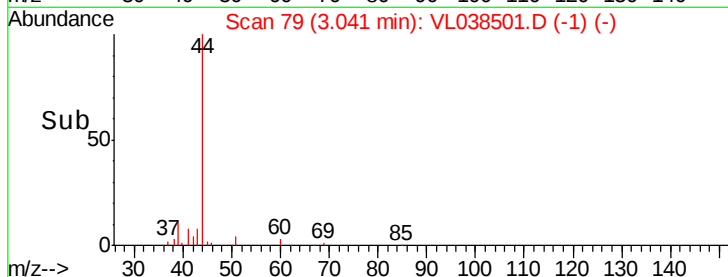
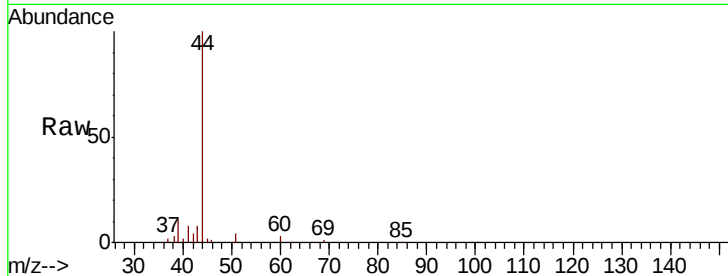


#9
 Propene
 Concen: 0.315 ppbv
 RT: 3.04
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 3:18

Tot Ion:
 Ion Ratio
 41 100
 42 51.

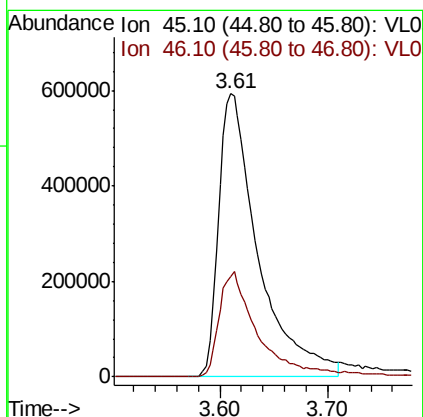
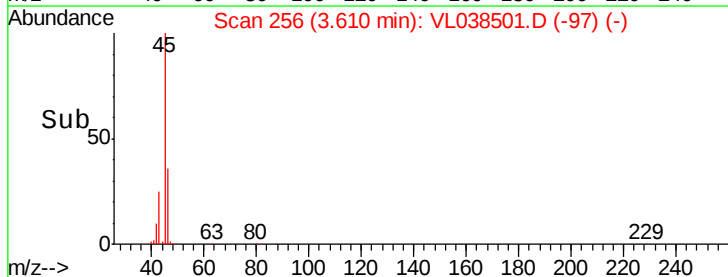
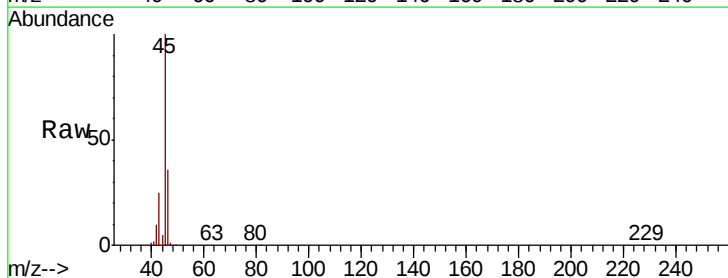
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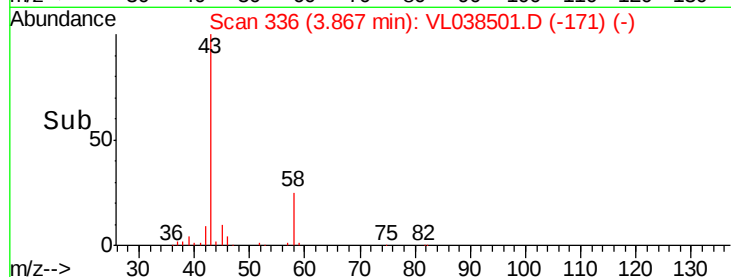
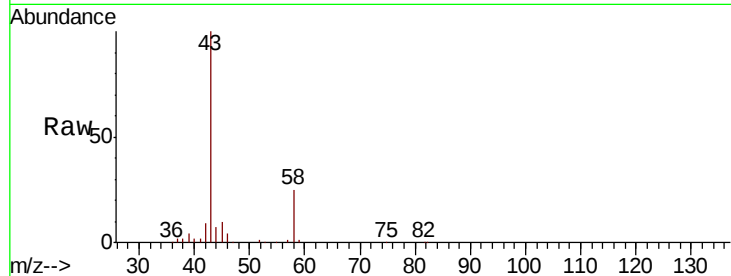
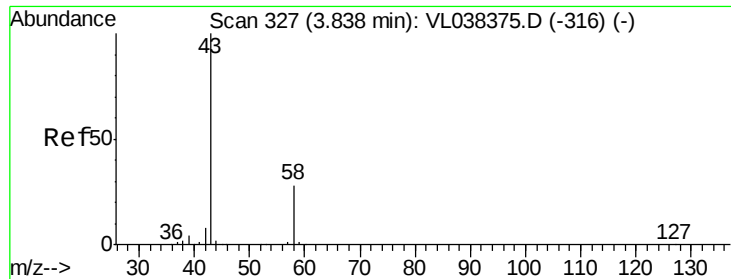
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#13
 Ethanol
 Concen: 307.918 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: VL038501.D
 Acq: 3 Mar 2022 3:18

Tgt Ion: 45 Resp: 1511509
 Ion Ratio Lower Upper
 45 100
 46 37.9 18.2 72.8



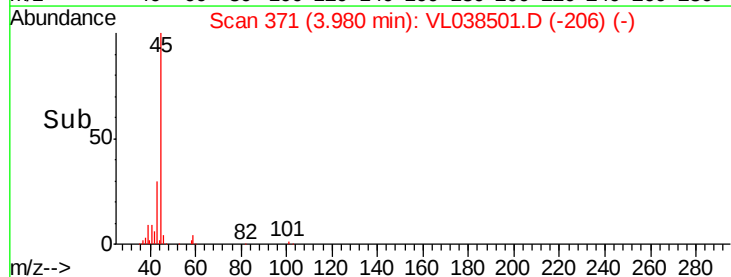
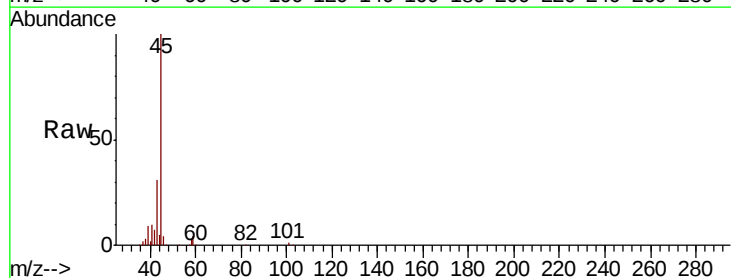
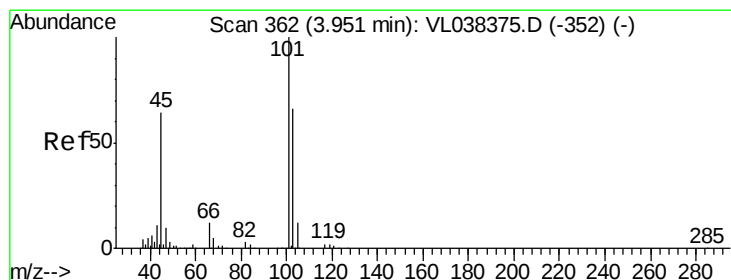
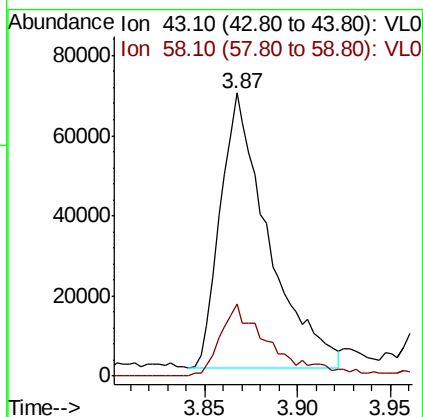


#15
Acetone
Concen: 1.713 ppbv
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 3:18

Tot Ion:
Ion Ratio
43 100
58 27.

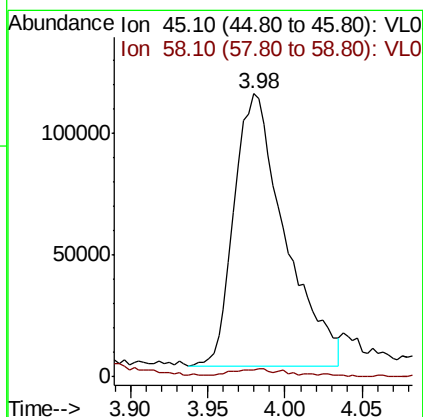
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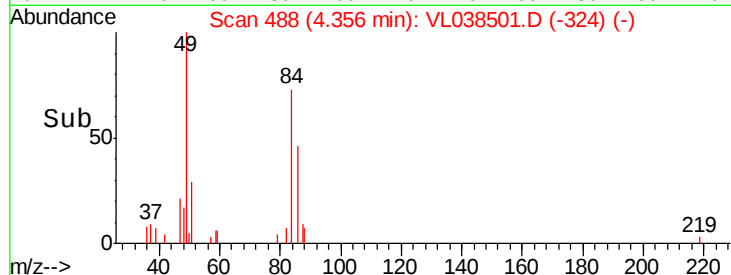
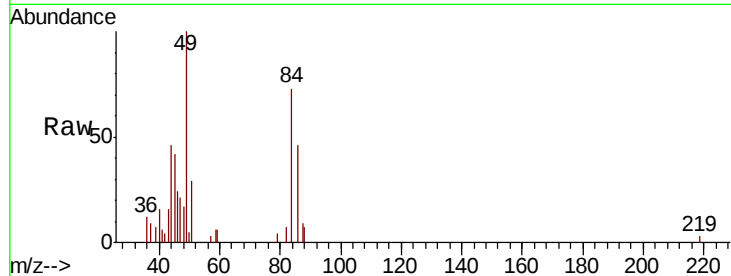
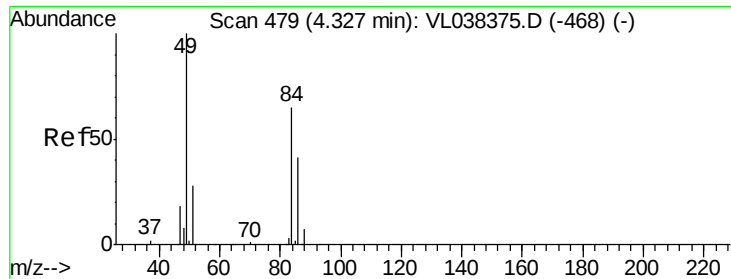
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#19
Isopropyl Alcohol
Concen: 6.183 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.03 min
Lab File: VL038501.D
Acq: 3 Mar 2022 3:18

Tgt Ion: 45 Resp: 256887
Ion Ratio Lower Upper
45 100
58 3.9 1.8 2.8#



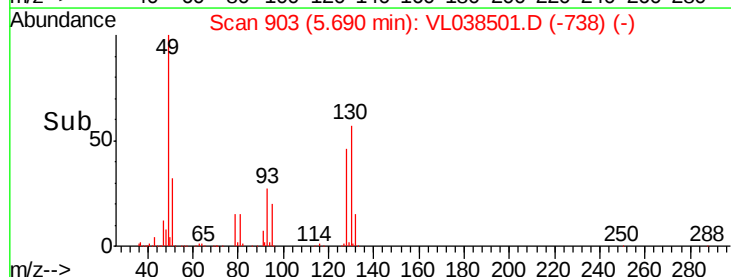
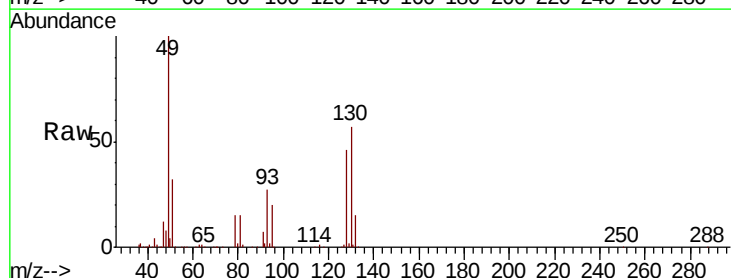
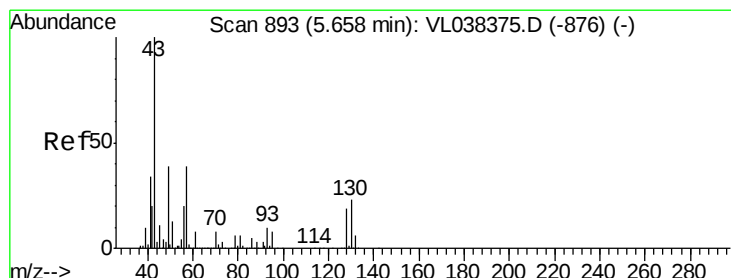
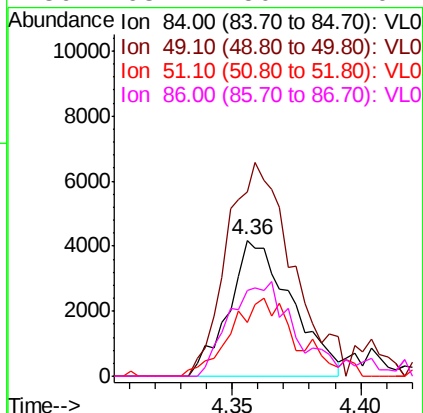


#20
Methvlene Chloride
Concen: 0.199 ppbv
RT: 4.36
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Mar 2022 3:18

Tot Ion:
Ion Ratio
84 100
49 136.
51 34.
86 63.2 50.7 76.1

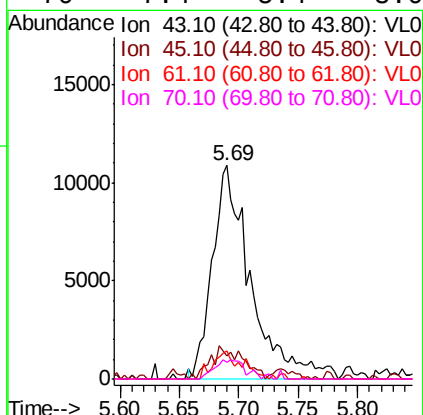
Manual Integrations
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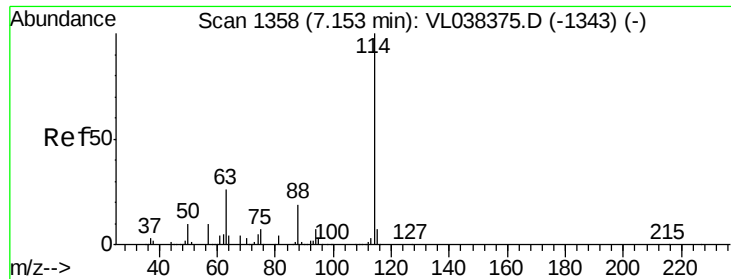
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#25
Ethyl Acetate
Concen: 0.126 ppbv m
RT: 5.69 min Scan# 903
Delta R.T. 0.03 min
Lab File: VL038501.D
Acq: 3 Mar 2022 3:18

Tgt Ion: 43 Resp: 24258
Ion Ratio Lower Upper
43 100
45 16.7 7.8 11.6#
61 10.5 7.5 11.3
70 7.4 5.4 8.0



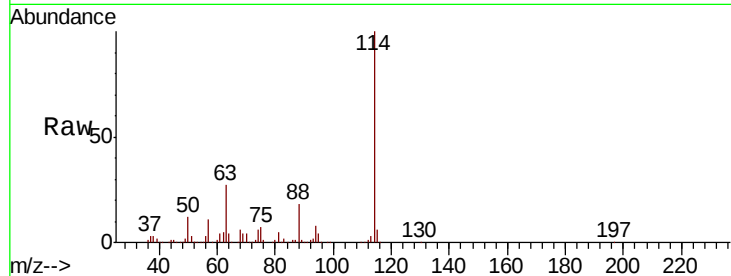


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 3:18

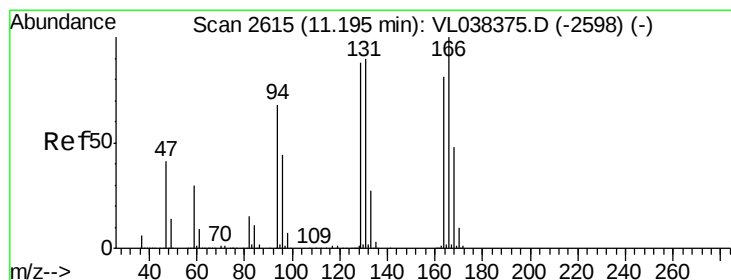
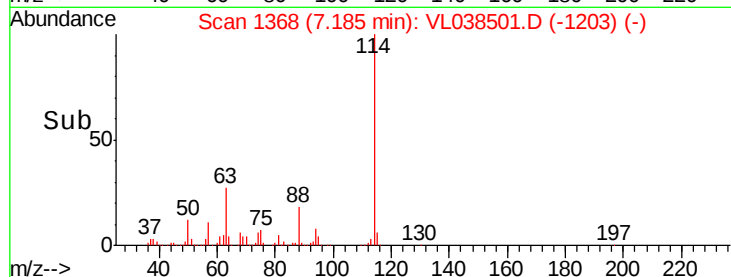
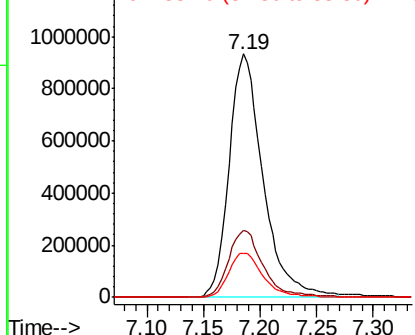
Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 18.

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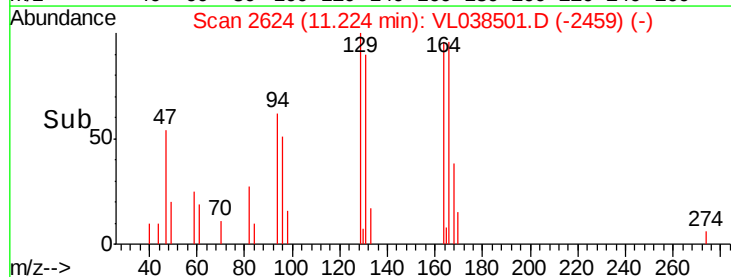
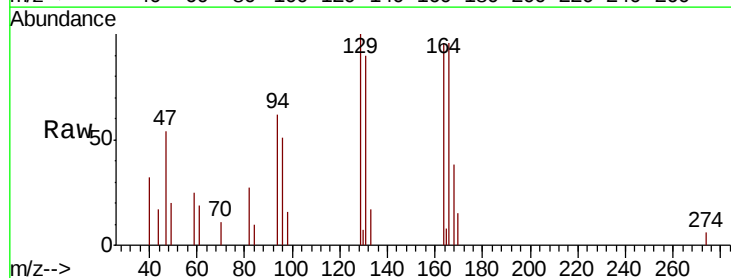
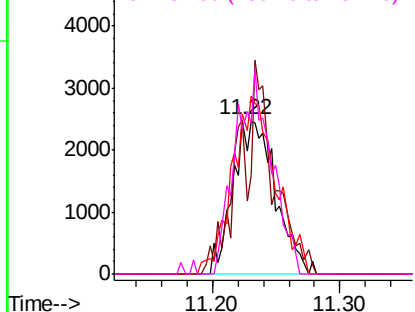
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

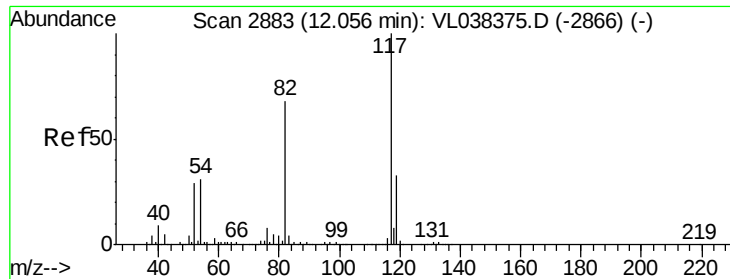


#52
 Tetrachloroethene
 Concen: 0.100 ppbv m
 RT: 11.22 min Scan# 2624
 Delta R.T. 0.03 min
 Lab File: VL038501.D
 Acq: 3 Mar 2022 3:18

Tgt Ion:164 Resp: 5707
 Ion Ratio Lower Upper
 164 100
 166 99.8 98.6 148.0
 129 104.2 86.9 130.3
 131 94.3 88.6 133.0

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



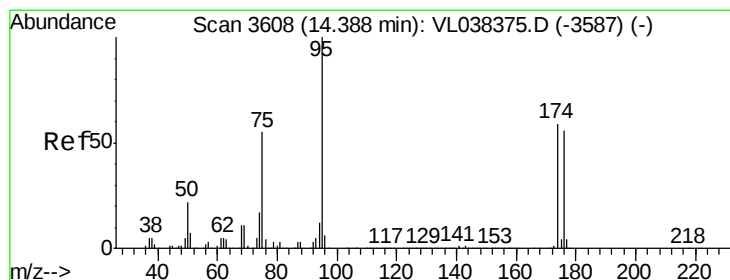
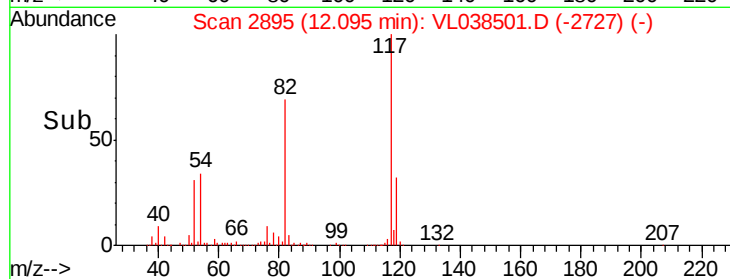
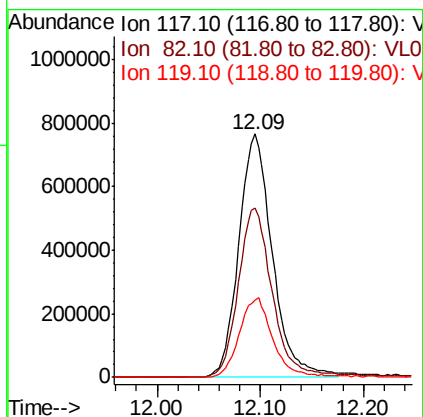
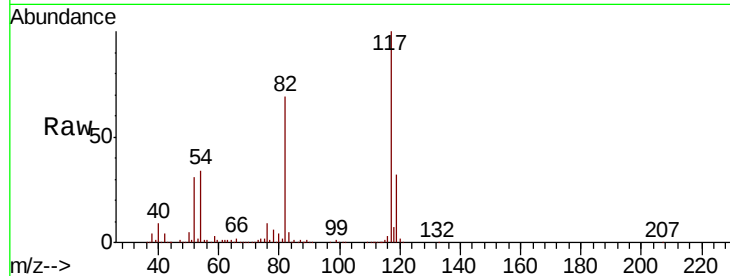


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 3:18

Tot Ion: 1
Ion Ratio
117 100
82 72.
119 33.

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.836 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.03 min
Lab File: VL038501.D
Acq: 3 Mar 2022 3:18

Tgt Ion: 95 Resp: 1412924
Ion Ratio Lower Upper
95 100
174 60.0 49.0 73.4
175 4.2 3.6 5.4

