

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038864.D
 Acq On : 8 Apr 2022 7:54
 Operator : SY/AP
 Sample : OC040722 CAN 10294
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 QC040722 CAN 10294

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Quant Time: Apr 11 01:34:58 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	990641	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2878704	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2460192	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1893475	10.15	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	12789m	0.200	ppbv	
13) Ethanol	3.64	45	24309m	6.253	ppbv	
15) Acetone	3.89	43	29852m	0.303	ppbv	
20) Methylene Chloride	4.36	84	7378m	0.206	ppbv	
32) 1,1,1-Trichloroethane	6.54	97	8564m	0.053	ppbv	
35) Carbon Tetrachloride	7.04	117	6594m	0.038	ppbv	
52) Tetrachloroethene	11.24	164	4893m	0.053	ppbv	
59) m/p-Xylene	13.01	91	33856m	0.110	ppbv	

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

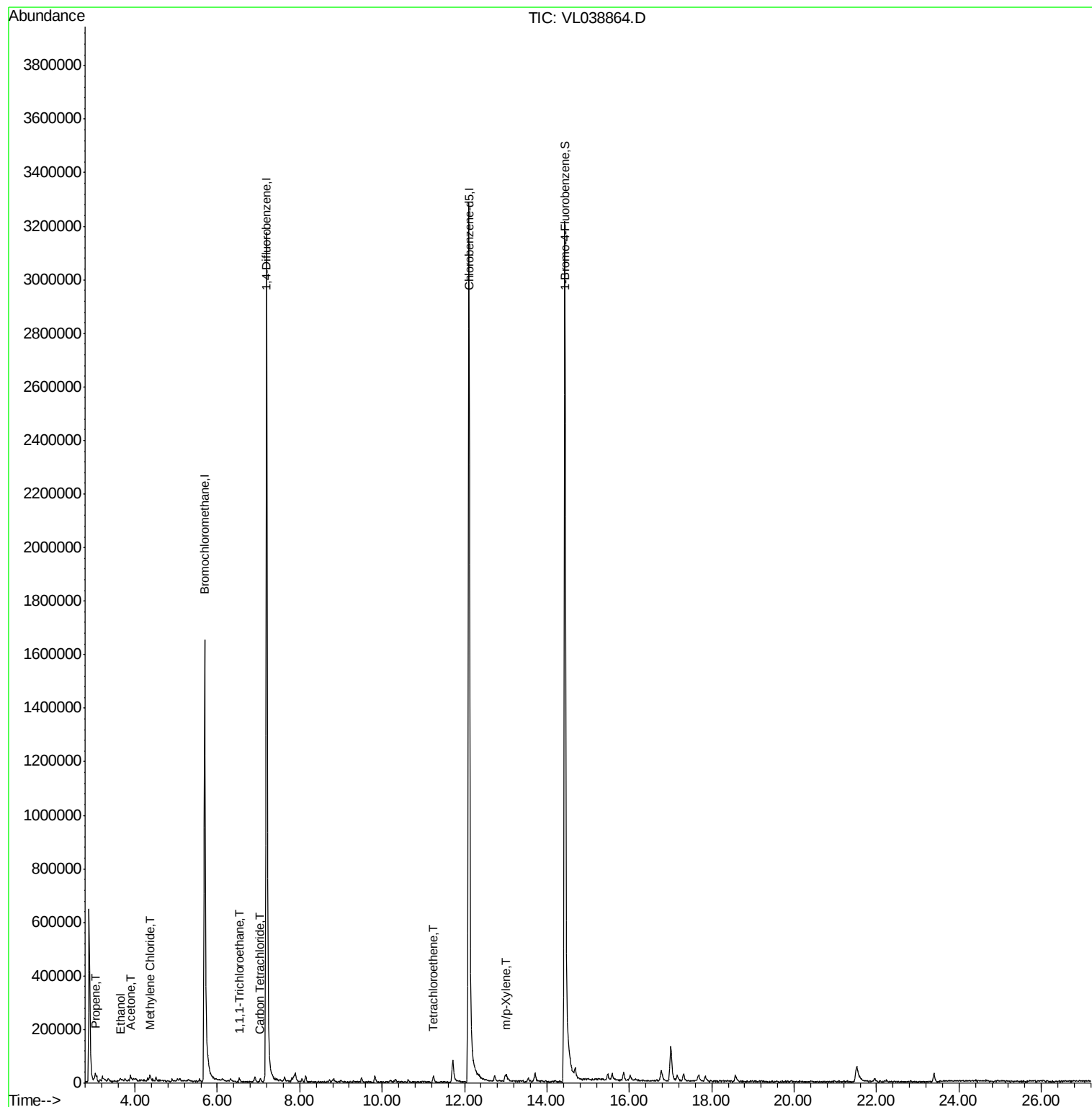
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Data File : VL038864.D
Acq On : 8 Apr 2022 7:54
Operator : SY/AP
Sample : OC040722 CAN 10294
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

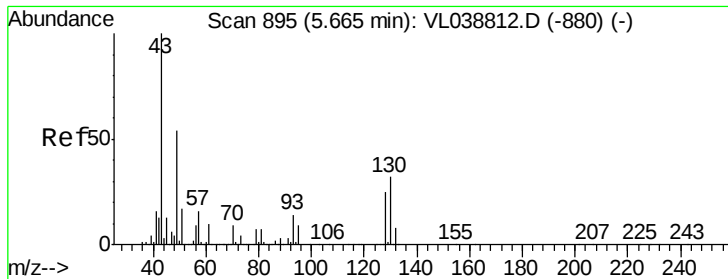
Instrument :
MSVOA_L
ClientSampleId :
QC040722 CAN 10294

Quant Time: Apr 11 01:34:58 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId: QC040722 CAN 10294

Acq: 8 Apr 2022 7:54

Tot Ion:

Ion Ratio

49 100

128 50.

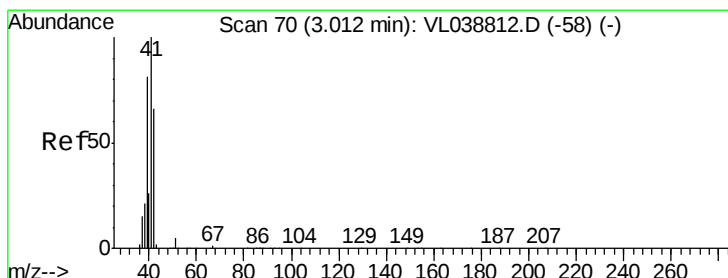
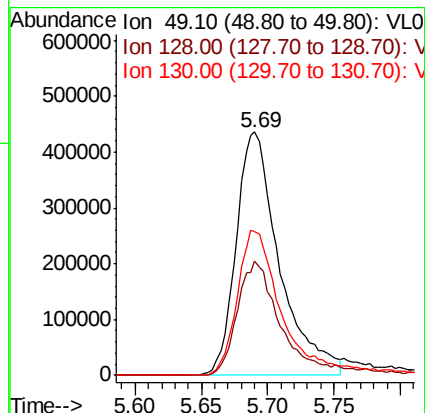
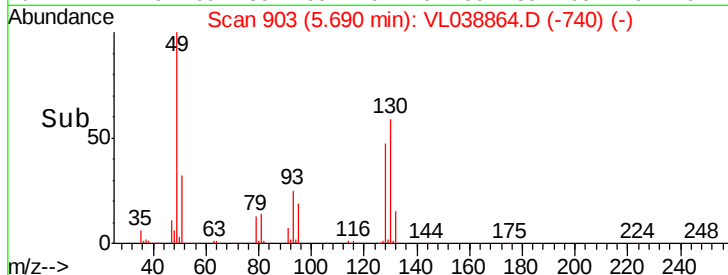
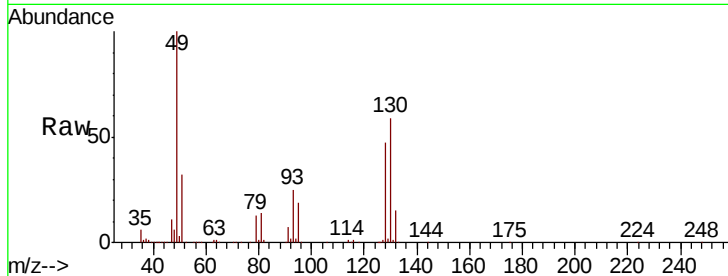
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#9

Propene

Concen: 0.200 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. 0.03 min

Lab File: VL038864.D

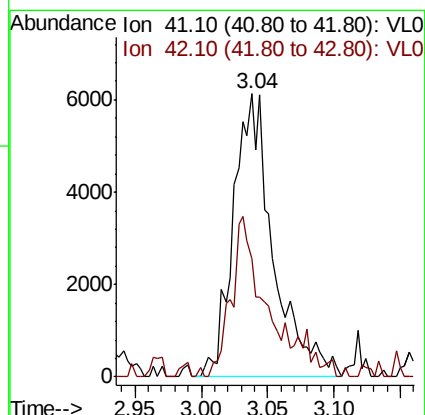
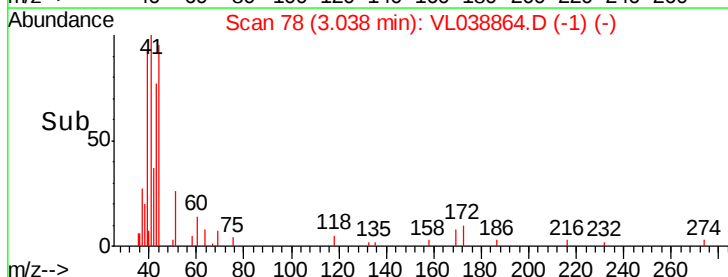
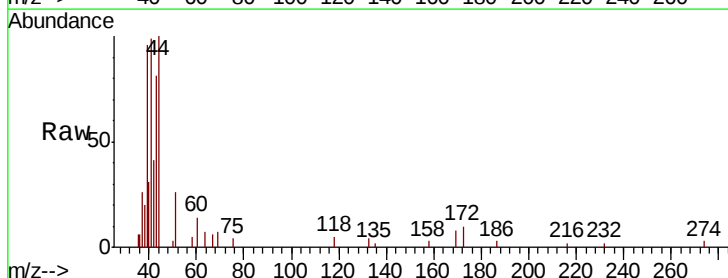
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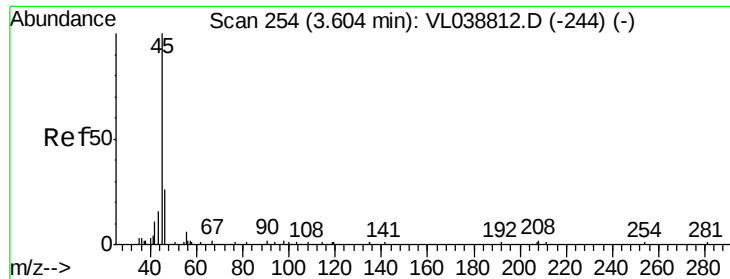
Tgt Ion: 41 Resp: 12789

Ion Ratio Lower Upper

41 100

42 52.9 54.2 81.4#



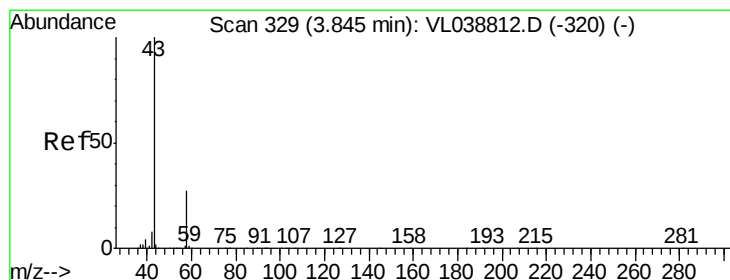
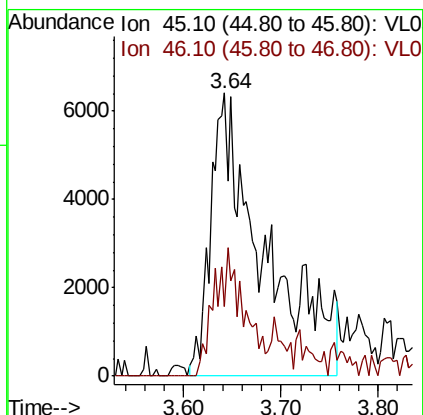
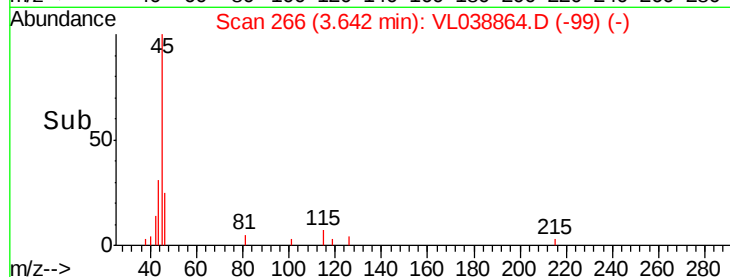
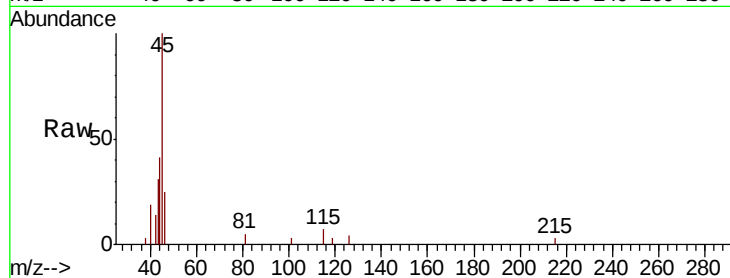


#13
Ethanol
Concen: 6.253 ppbv m
RT: 3.64
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 7:54

Tot Ion:
Ion Ratio
45 100
46 0.

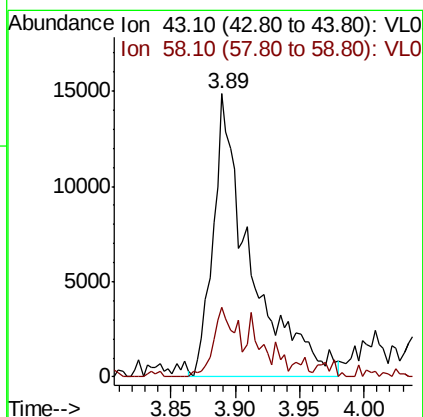
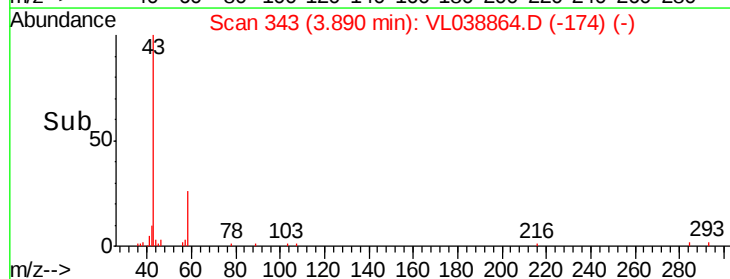
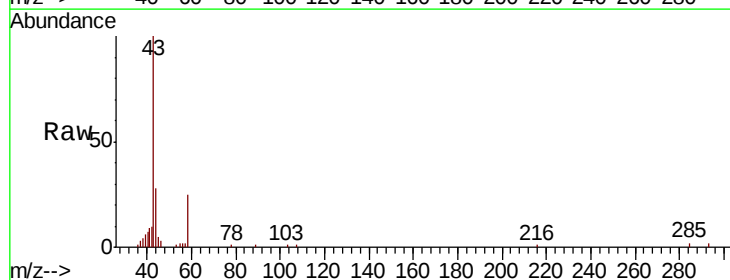
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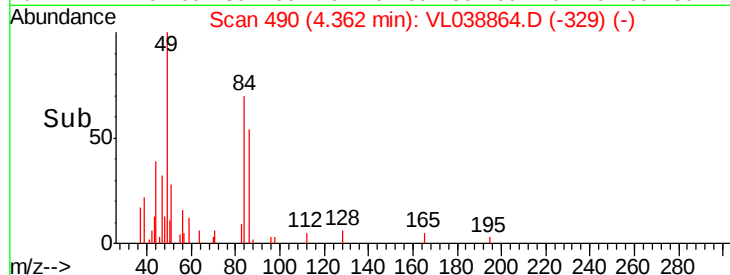
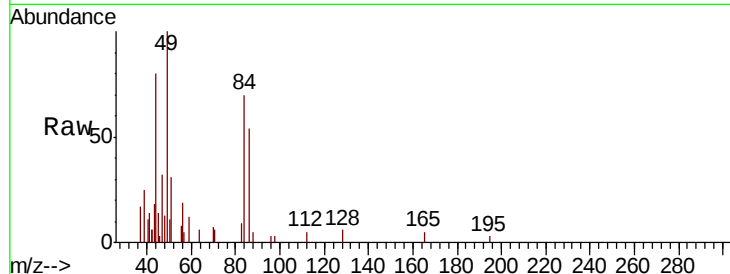
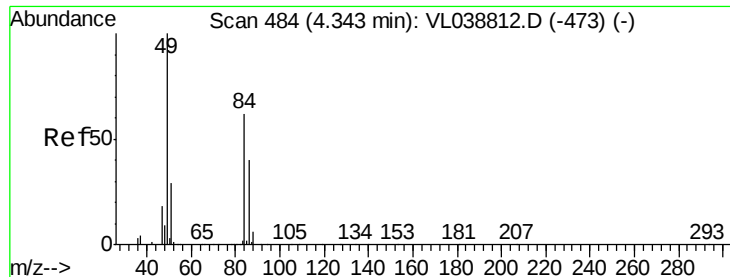
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#15
Acetone
Concen: 0.303 ppbv m
RT: 3.89 min Scan# 343
Delta R.T. 0.04 min
Lab File: VL038864.D
Acq: 8 Apr 2022 7:54

Tgt Ion: 43 Resp: 29852
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7#



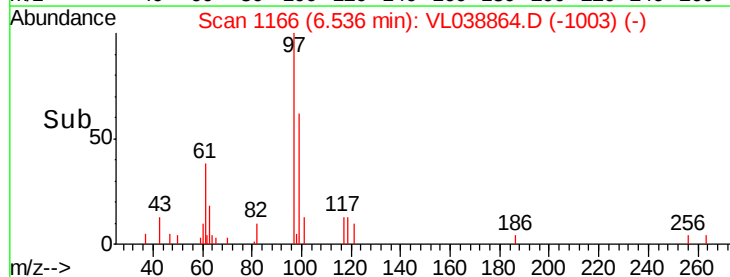
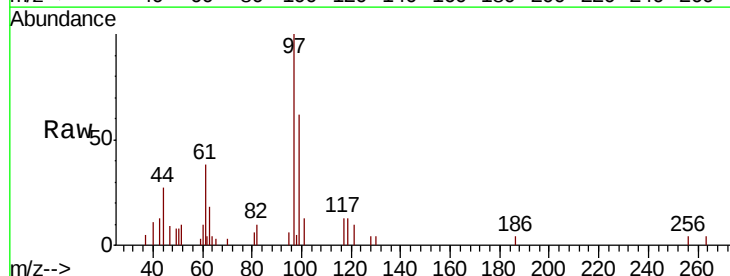
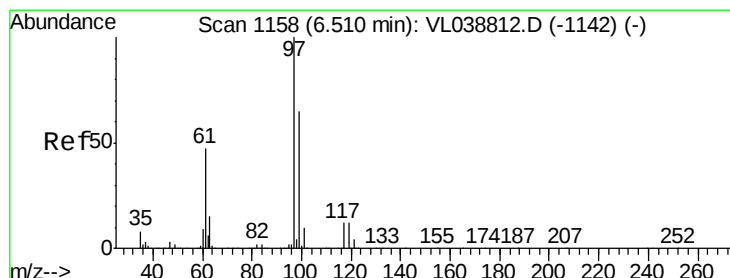
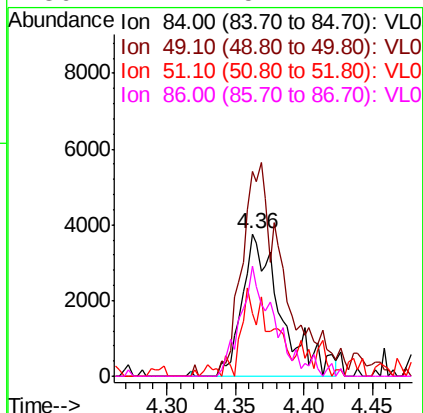


#20
Methvlene Chloride
Concen: 0.206 ppbv m
RT: 4.36
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 8 Apr 2022 7:54

Tot Ion:
Ion Ratio
84 100
49 143.
51 44.
86 77.1 51.4 77.2

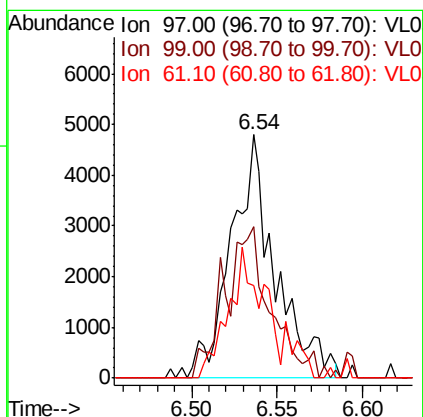
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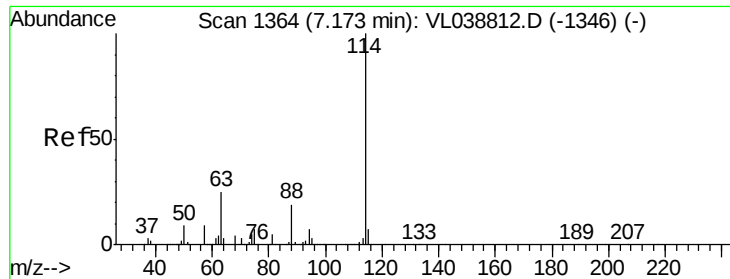
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#32
1,1,1-Trichloroethane
Concen: 0.053 ppbv m
RT: 6.54 min Scan# 1166
Delta R.T. 0.03 min
Lab File: VL038864.D
Acq: 8 Apr 2022 7:54

Tgt Ion: 97 Resp: 8564
Ion Ratio Lower Upper
97 100
99 67.4 52.4 78.6
61 0.0 38.6 57.8#



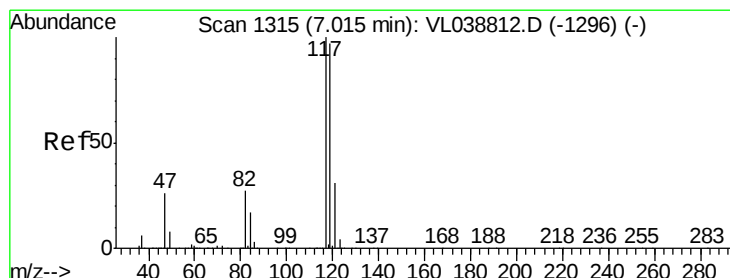
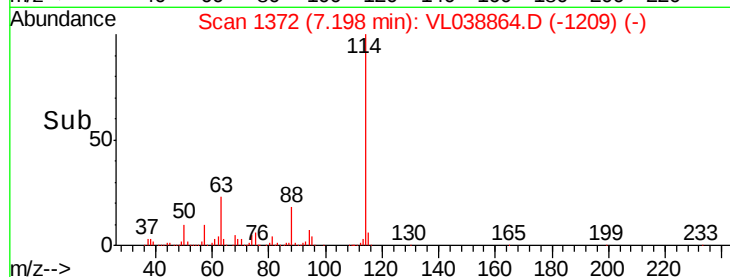
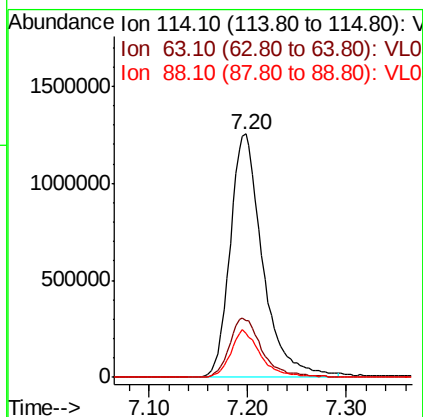
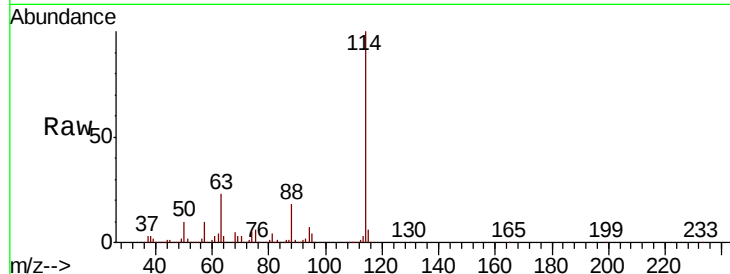


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 7:54

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

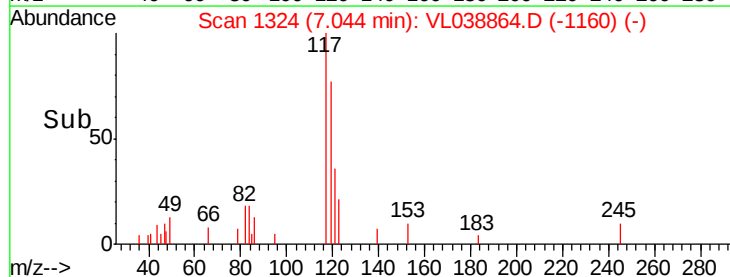
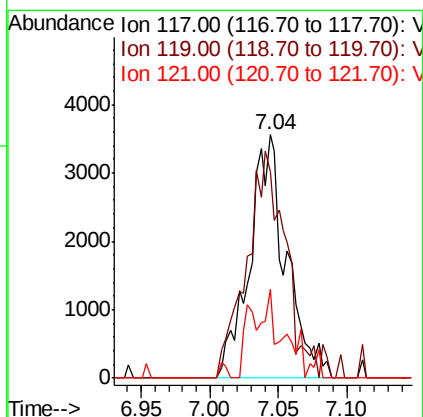
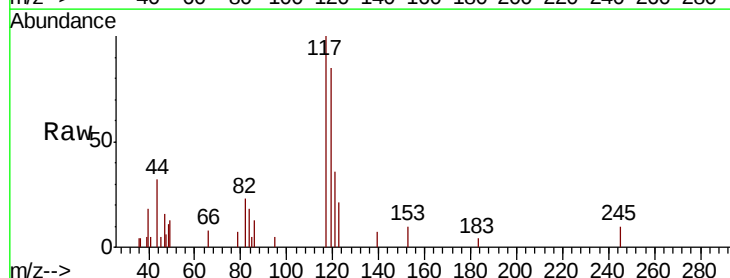
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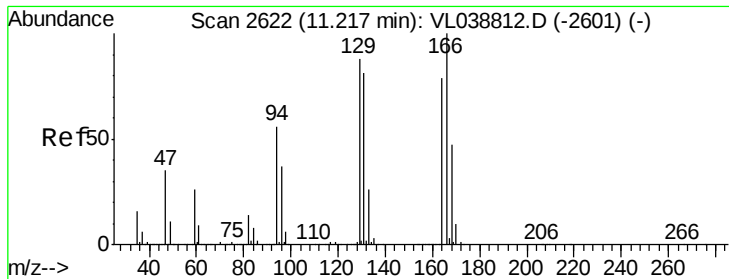
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#35
 Carbon Tetrachloride
 Concen: 0.038 ppbv m
 RT: 7.04 min Scan# 1324
 Delta R.T. 0.03 min
 Lab File: VL038864.D
 Acq: 8 Apr 2022 7:54

Tgt Ion:117 Resp: 6594
 Ion Ratio Lower Upper
 117 100
 119 84.7 77.7 116.5
 121 36.4 24.5 36.7





#52

Tetrachloroethene

Concen: 0.053 ppbv m

RT: 11.24

Delta R.T. MSVOA_L

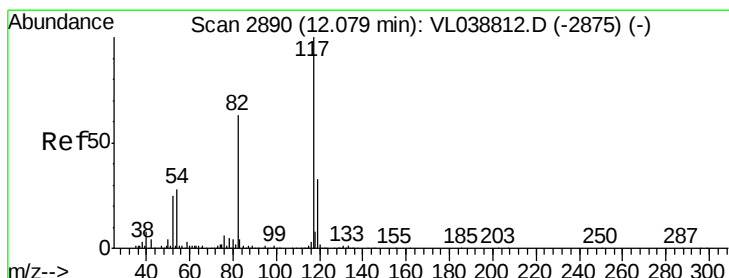
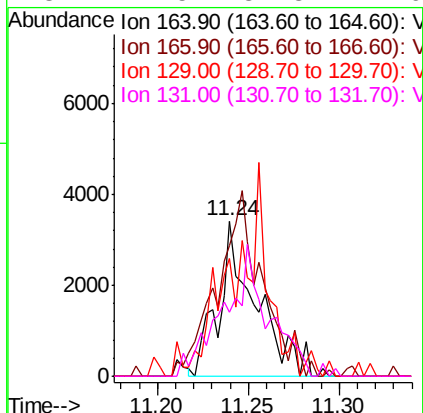
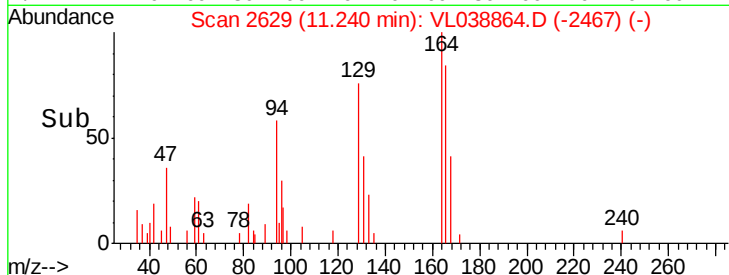
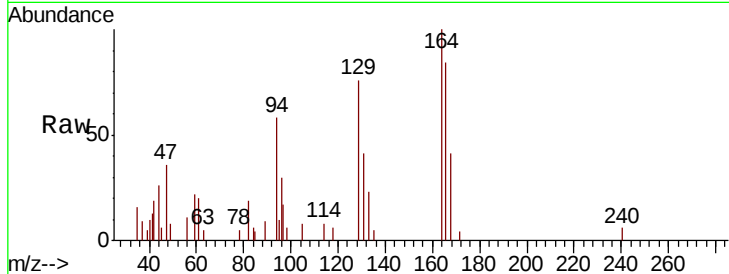
Lab File: ClientSampleId :

Acq: 8 Apr 2022 7:54

Manual Integrations
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Supervised By :Mahesh Dadoda 04/11/2022

Tot Ion:1
Ion Rati
164 100
166 84.
129 75.
131 41.5 81.8 122.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

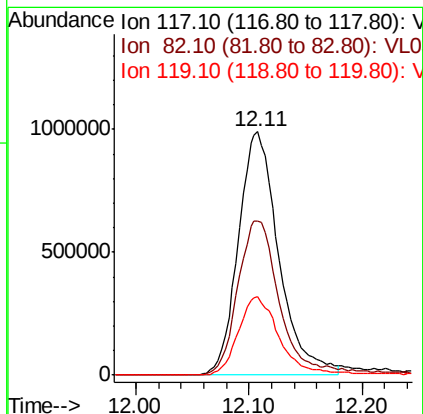
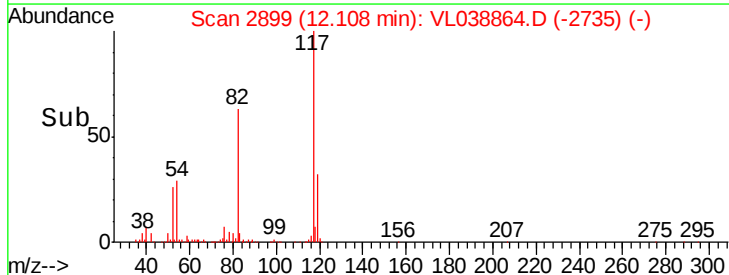
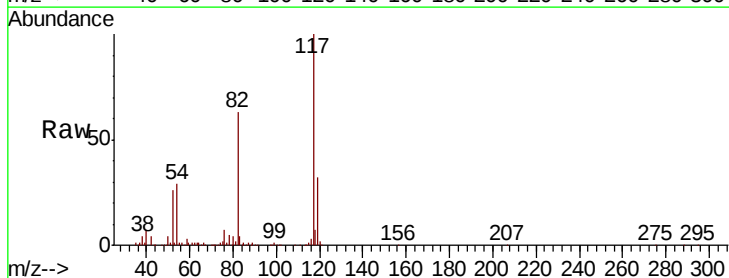
RT: 12.11 min Scan# 2899

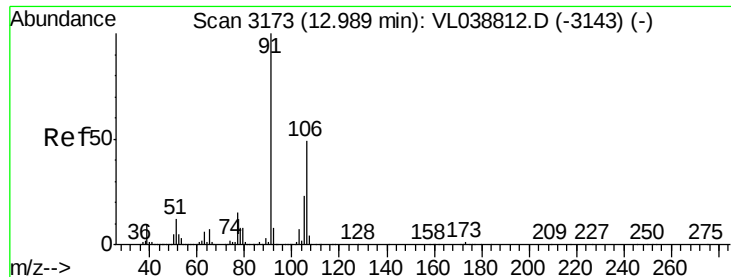
Delta R.T. 0.03 min

Lab File: VL038864.D

Acq: 8 Apr 2022 7:54

Tgt Ion:117 Resp: 2460192
Ion Ratio Lower Upper
117 100
82 68.9 53.0 79.6
119 34.3 24.9 37.3



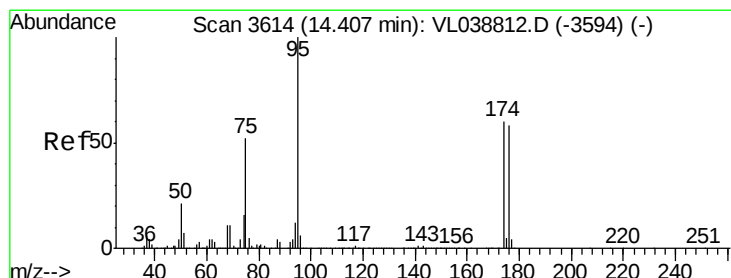
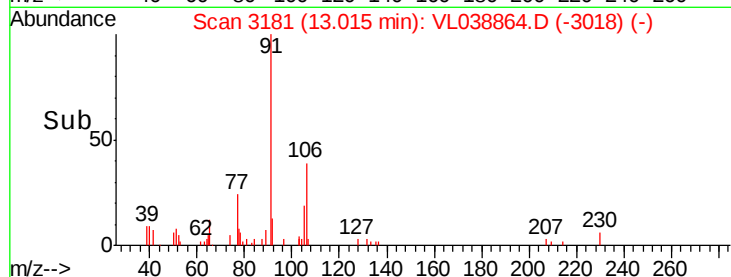
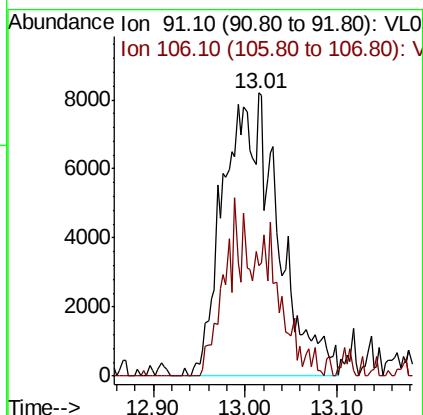
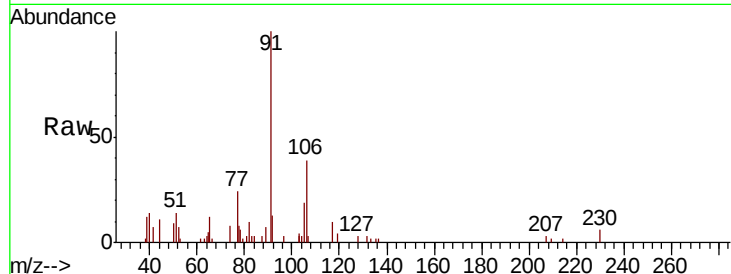


#59
m/p-Xylene
Concen: 0.110 ppbv m
RT: 13.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 7:54

Tot Ion:
Ion Ratio
91 100
106 0.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.147 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.03 min
Lab File: VL038864.D
Acq: 8 Apr 2022 7:54

Tgt Ion: 95 Resp: 1893475
Ion Ratio Lower Upper
95 100
174 64.0 52.0 78.0
175 4.6 4.0 6.0

