

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038972.D
 Acq On : 5 May 2022 14:40
 Operator : SY/AP
 Sample : N2698-01DL 5X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

Quant Time: May 06 08:17:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1307372	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3402933	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2977161	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2288531	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	20201m	0.099	ppbv	
9) Propene	3.02	41	20145m	0.284	ppbv	
13) Ethanol	3.62	45	16154m	2.920	ppbv	
15) Acetone	3.85	43	414100	3.358	ppbv #	89
20) Methylene Chloride	4.34	84	198528m	4.271	ppbv	
26) Hexane	5.68	57	269432	2.054	ppbv #	39
34) 2-Butanone	5.25	43	177287	1.021	ppbv #	89
53) Toluene	9.80	91	14338	0.044	ppbv #	74

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

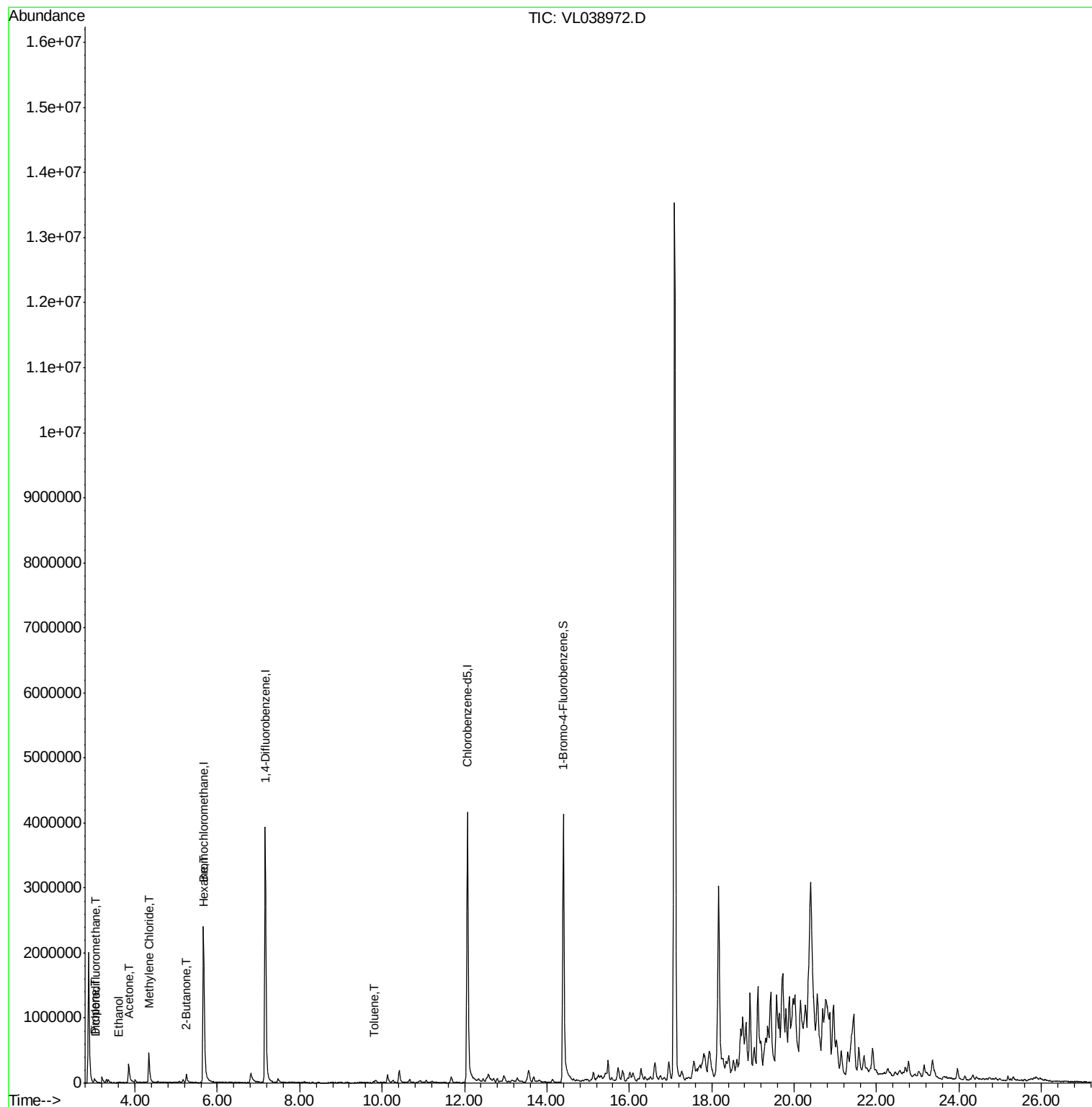
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL050522\
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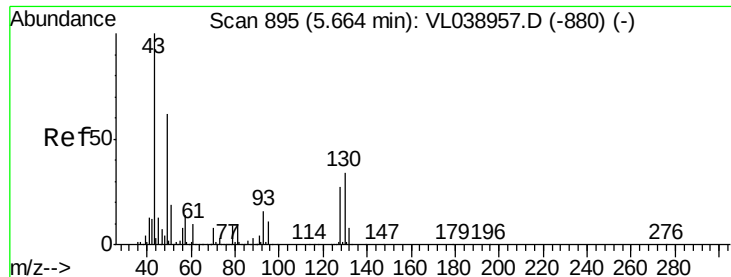
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Quant Time: May 06 08:17:20 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050522\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu May 05 07:41:27 2022
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Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV1DL

Acq: 5 May 2022 14:40

Tot Ion:

Ion Ratio

49 100

128 48.

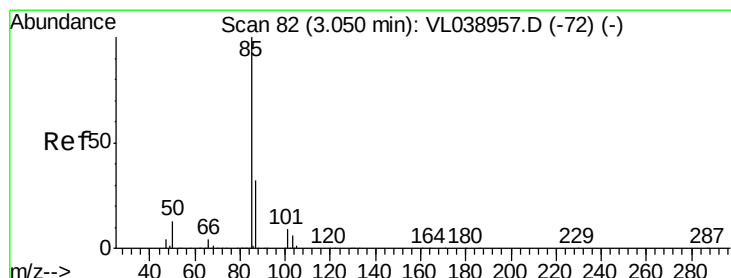
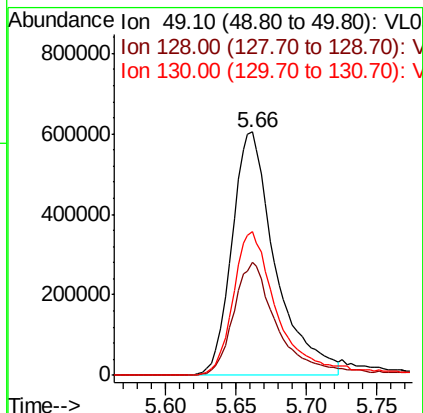
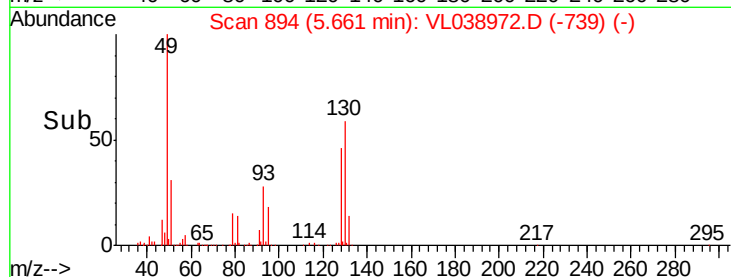
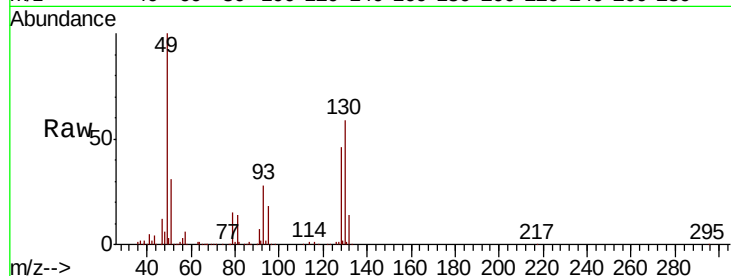
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 0.099 ppbv m

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038972.D

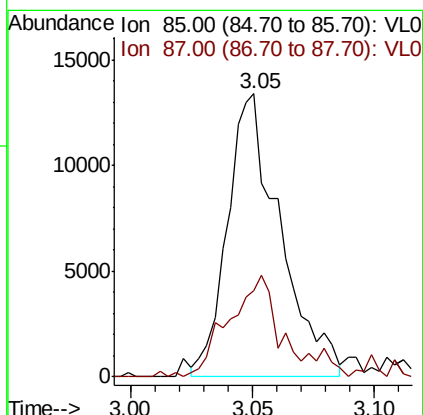
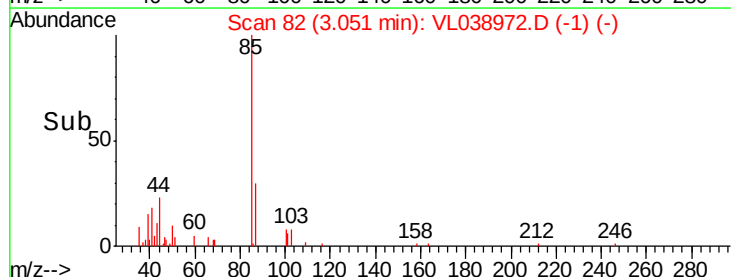
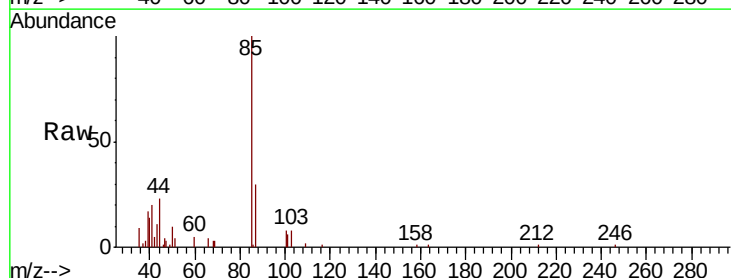
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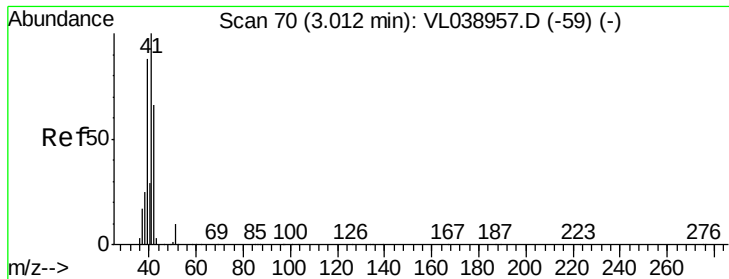
Tgt Ion: 85 Resp: 20201

Ion Ratio Lower Upper

85 100

87 30.4 25.7 38.5





#9

Propene

Concen: 0.284 ppbv m

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 14:40

Tot Ion:

Ion Ratio

41 100

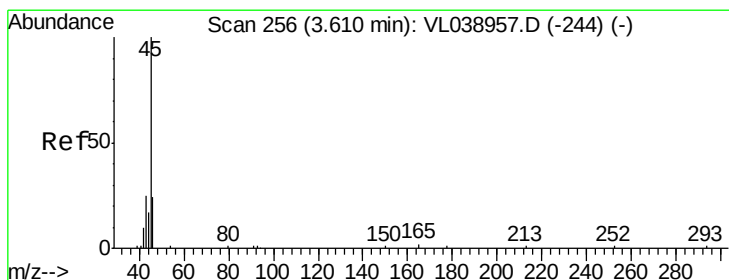
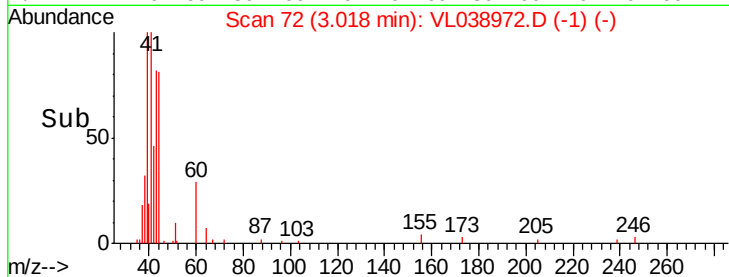
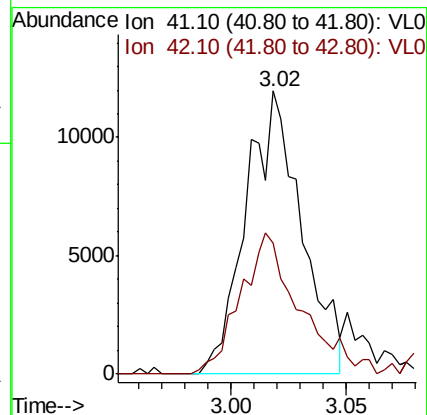
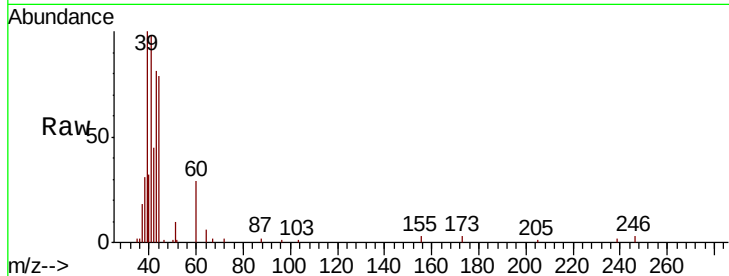
42 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#13

Ethanol

Concen: 2.920 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL038972.D

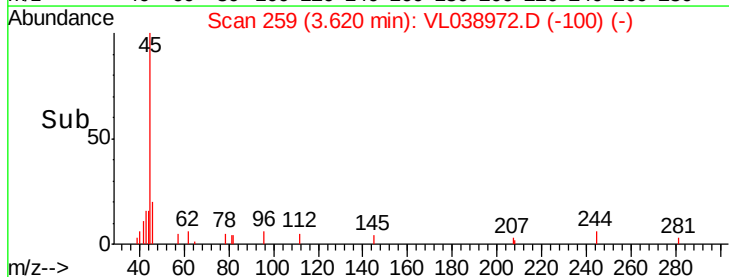
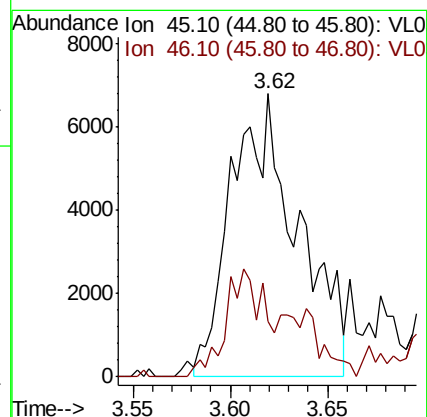
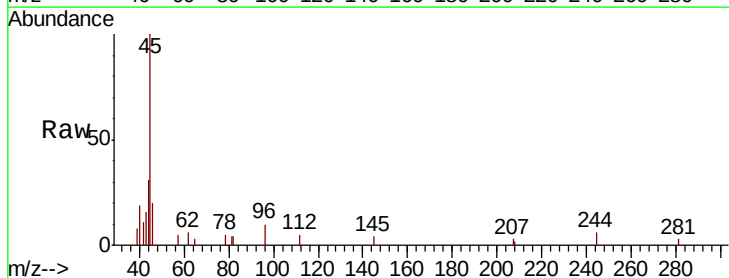
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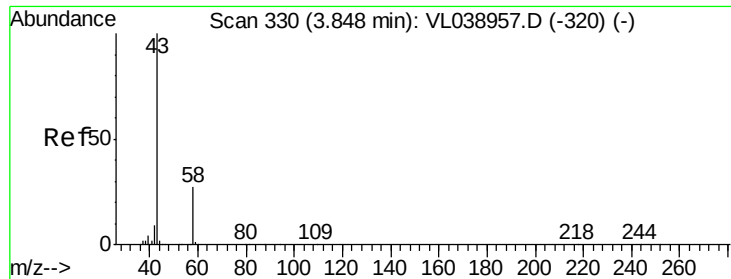
Tgt Ion: 45 Resp: 16154

Ion Ratio Lower Upper

45 100

46 35.8 18.0 72.2



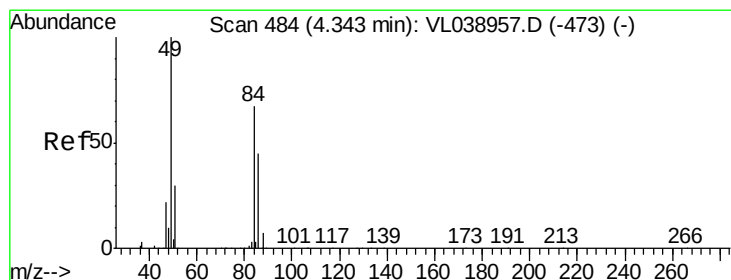
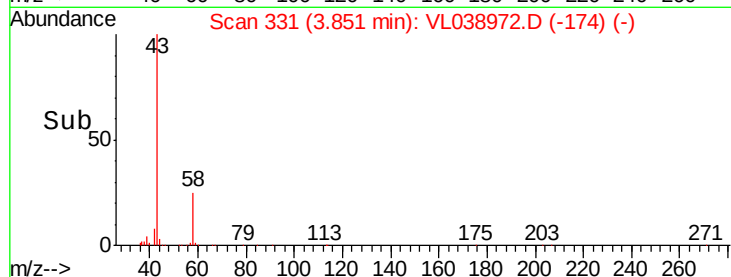
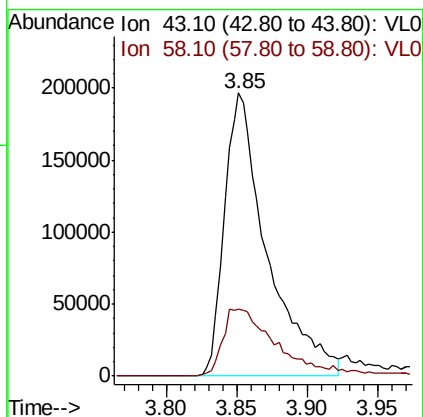
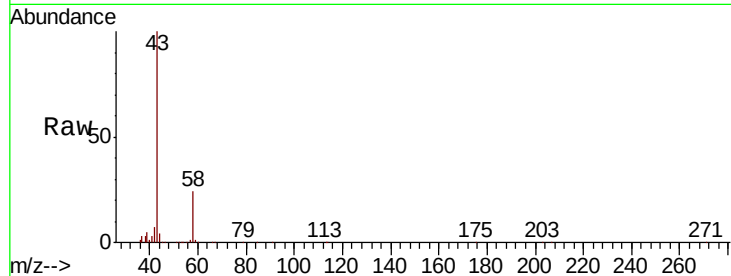


#15
Acetone
Concen: 3.358 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 5 May 2022 14:40

Tot Ion:
Ion Ratio
43 100
58 32.

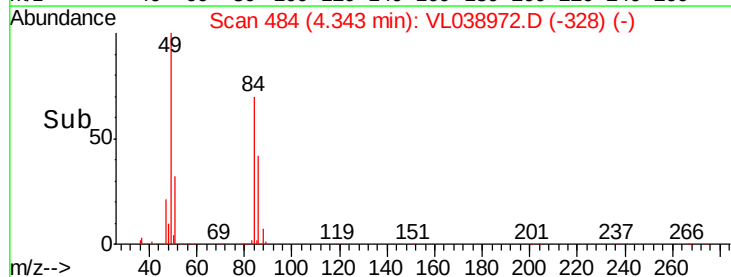
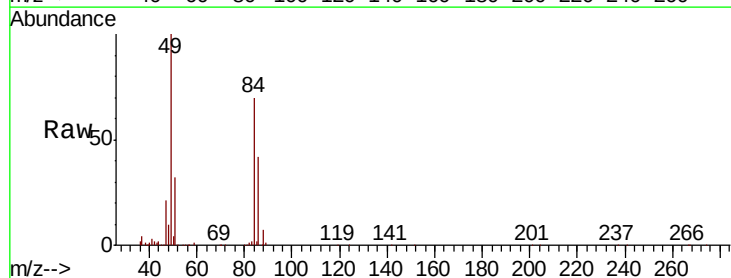
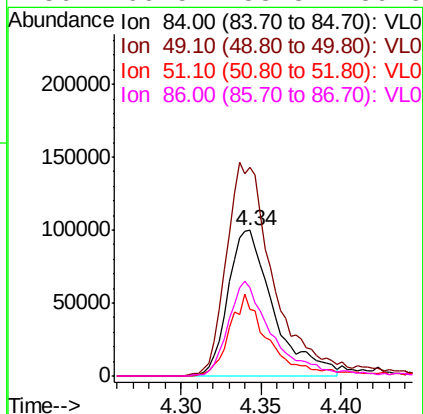
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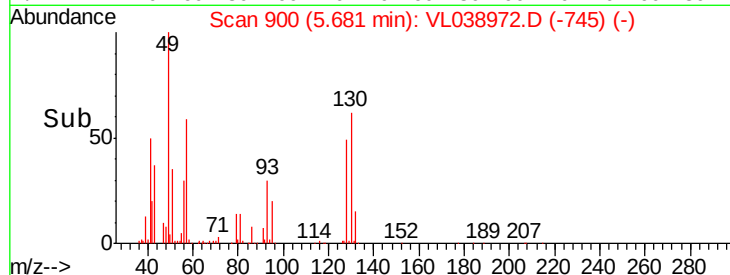
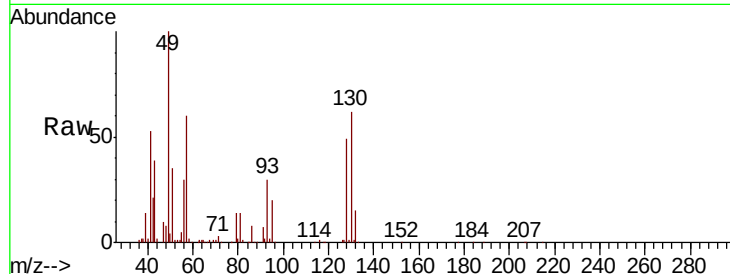
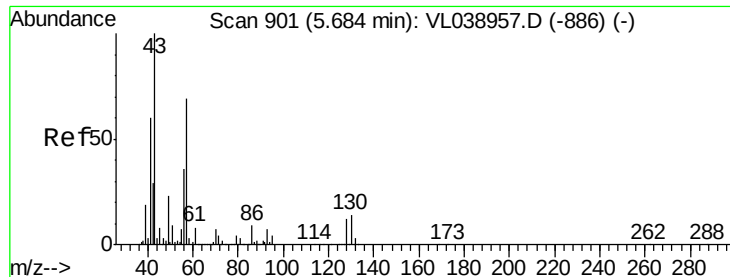
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#20
Methylene Chloride
Concen: 4.271 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL038972.D
Acq: 5 May 2022 14:40

Tgt Ion: 84 Resp: 198528
Ion Ratio Lower Upper
84 100
49 143.2 119.9 179.9
51 45.7 35.7 53.5
86 60.5 53.8 80.6

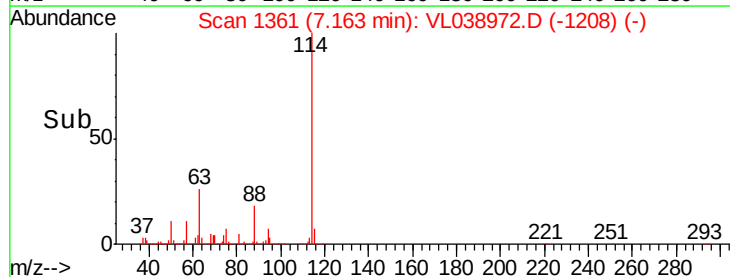
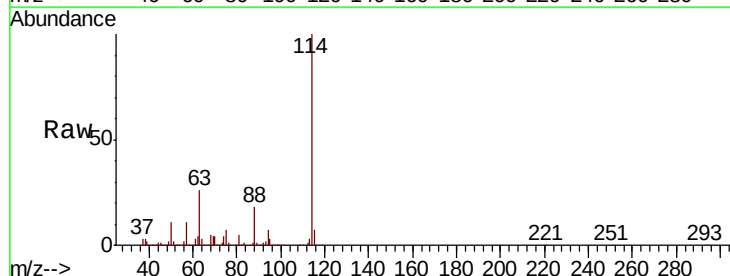
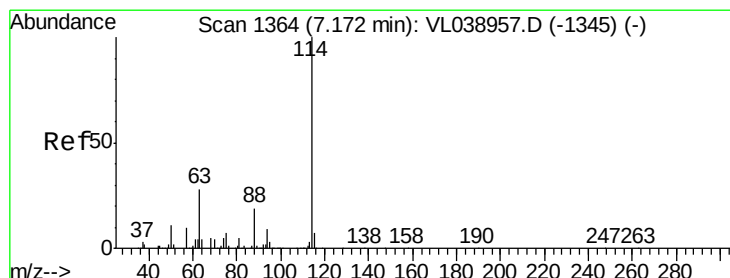
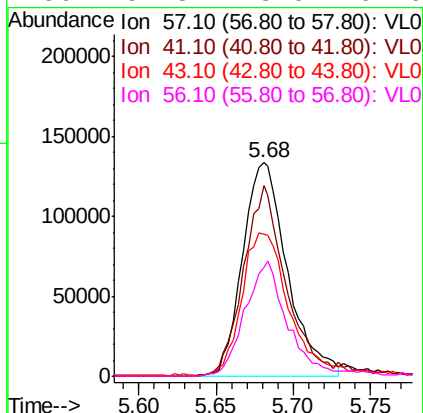




#26
Hexane
Concen: 2.054 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 5 May 2022 14:40

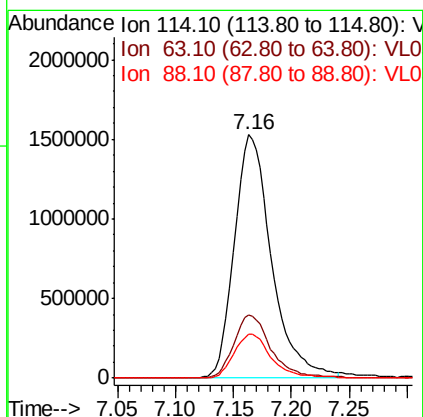
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 88.
43 75.
56 51.8 43.0 64.6

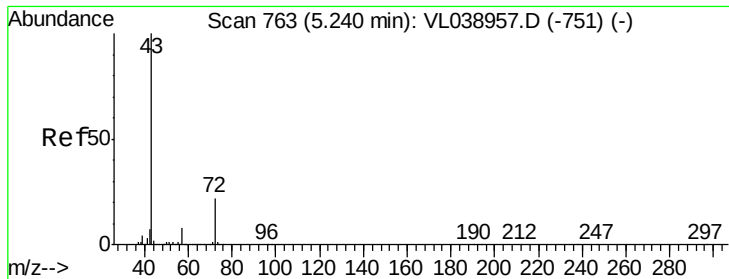
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL038972.D
Acq: 5 May 2022 14:40

Tgt Ion:114 Resp: 3402933
Ion Ratio Lower Upper
114 100
63 26.3 22.6 33.8
88 18.4 15.4 23.0



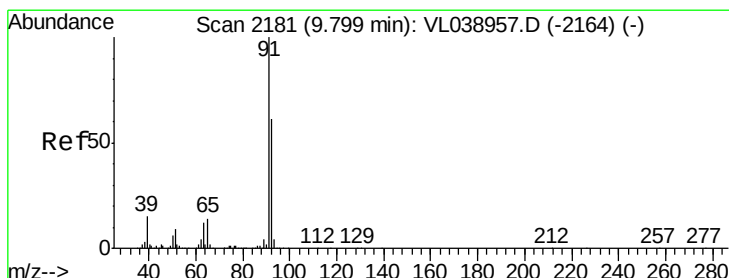
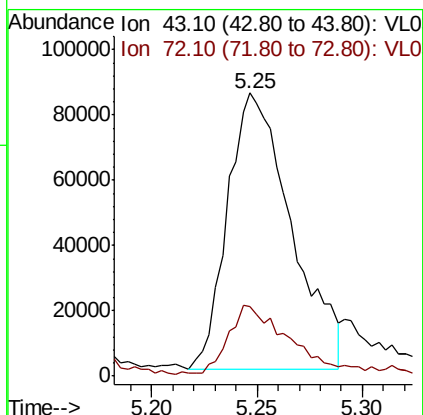
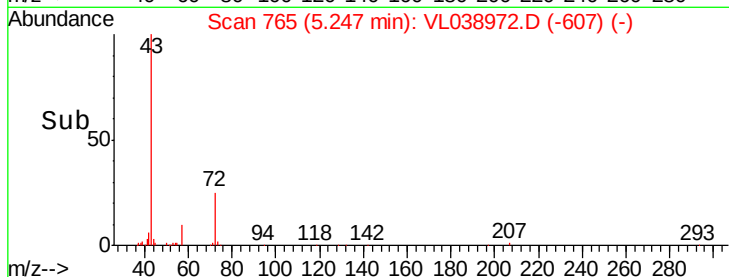
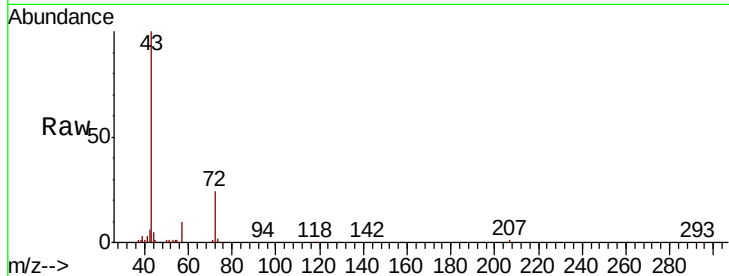


#34
2-Butanone
Concen: 1.021 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 5 May 2022 14:40

Tot Ion:
Ion Ratio
43 100
72 27.

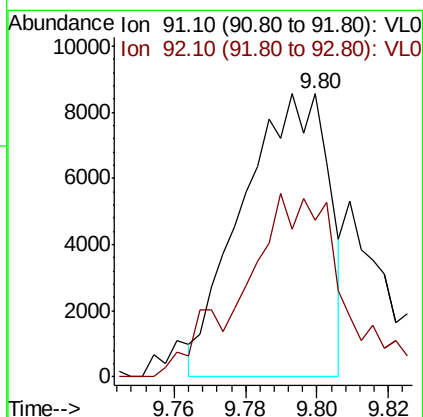
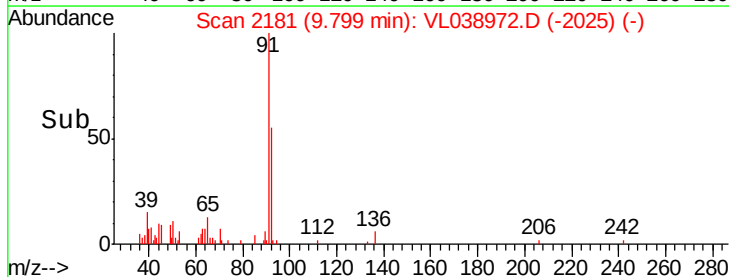
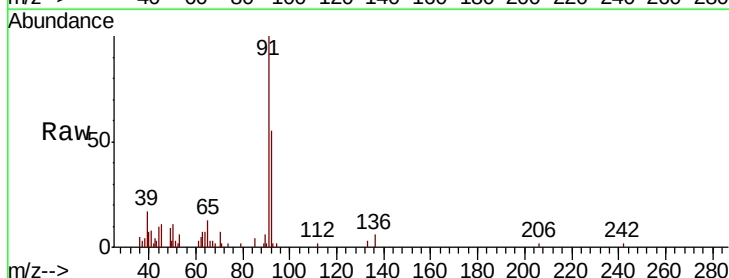
Manual Integrations
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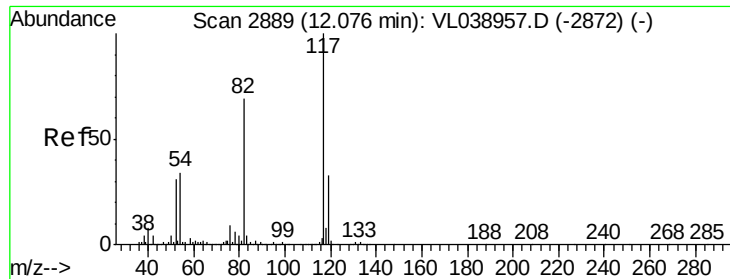
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#53
Toluene
Concen: 0.044 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL038972.D
Acq: 5 May 2022 14:40

Tgt Ion: 91 Resp: 14338
Ion Ratio Lower Upper
91 100
92 80.1 48.2 72.2#



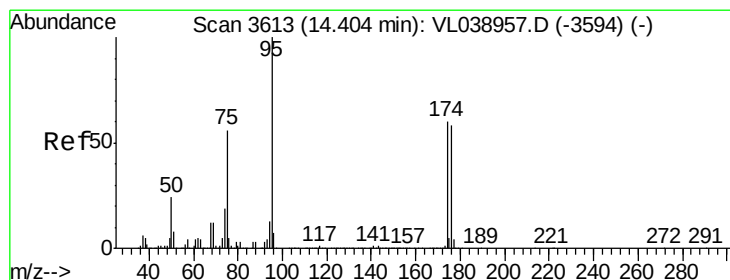
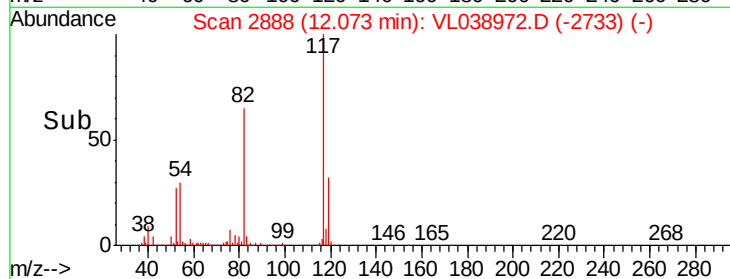
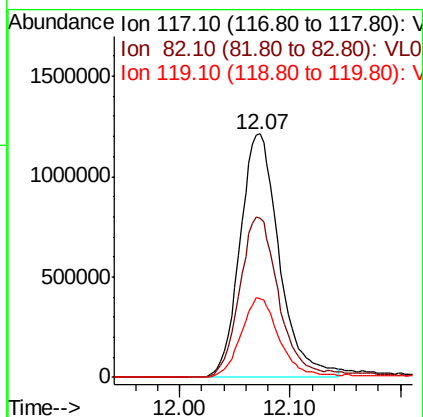
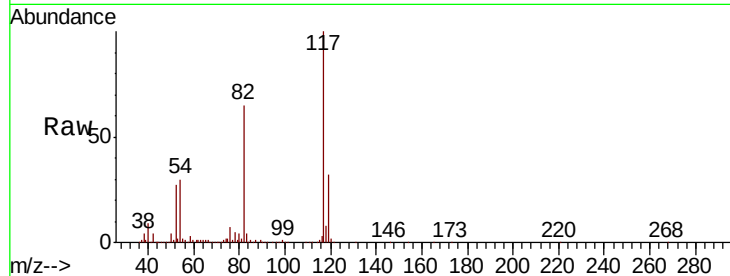


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV1DL
Acq: 5 May 2022 14:40

Tot Ion:1
Ion Rati
117 100
82 70.
119 33.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.706 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.00 min
Lab File: VL038972.D
Acq: 5 May 2022 14:40

Tgt Ion: 95 Resp: 2288531
Ion Ratio Lower Upper
95 100
174 66.1 50.8 76.2
175 4.7 3.8 5.6

