

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038107.D
 Acq On : 23 Nov 2021 19:57
 Operator : SY/AP
 Sample : M4805-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-JEWELRY-DESIGNDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 11:58:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.66	49	952060	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2704796	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2316984	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1823887	10.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	82348m	1.118	ppbv	
11) Trichlorofluoromethane	3.95	101	44025	0.294	ppbv	97
13) Ethanol	3.61	45	4245324	596.609	ppbv	89
15) Acetone	3.85	43	911299	11.040	ppbv	98
19) Isopropyl Alcohol	3.97	45	13407614	224.801	ppbv #	98
25) Ethyl Acetate	5.67	43	317771	1.158	ppbv #	91
29) Chloroform	5.74	83	87886	0.451	ppbv	90
34) 2-Butanone	5.24	43	13192	0.121	ppbv	99
52) Tetrachloroethene	11.21	164	3290m	0.033	ppbv	
53) Toluene	9.79	91	80727	0.260	ppbv	95

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

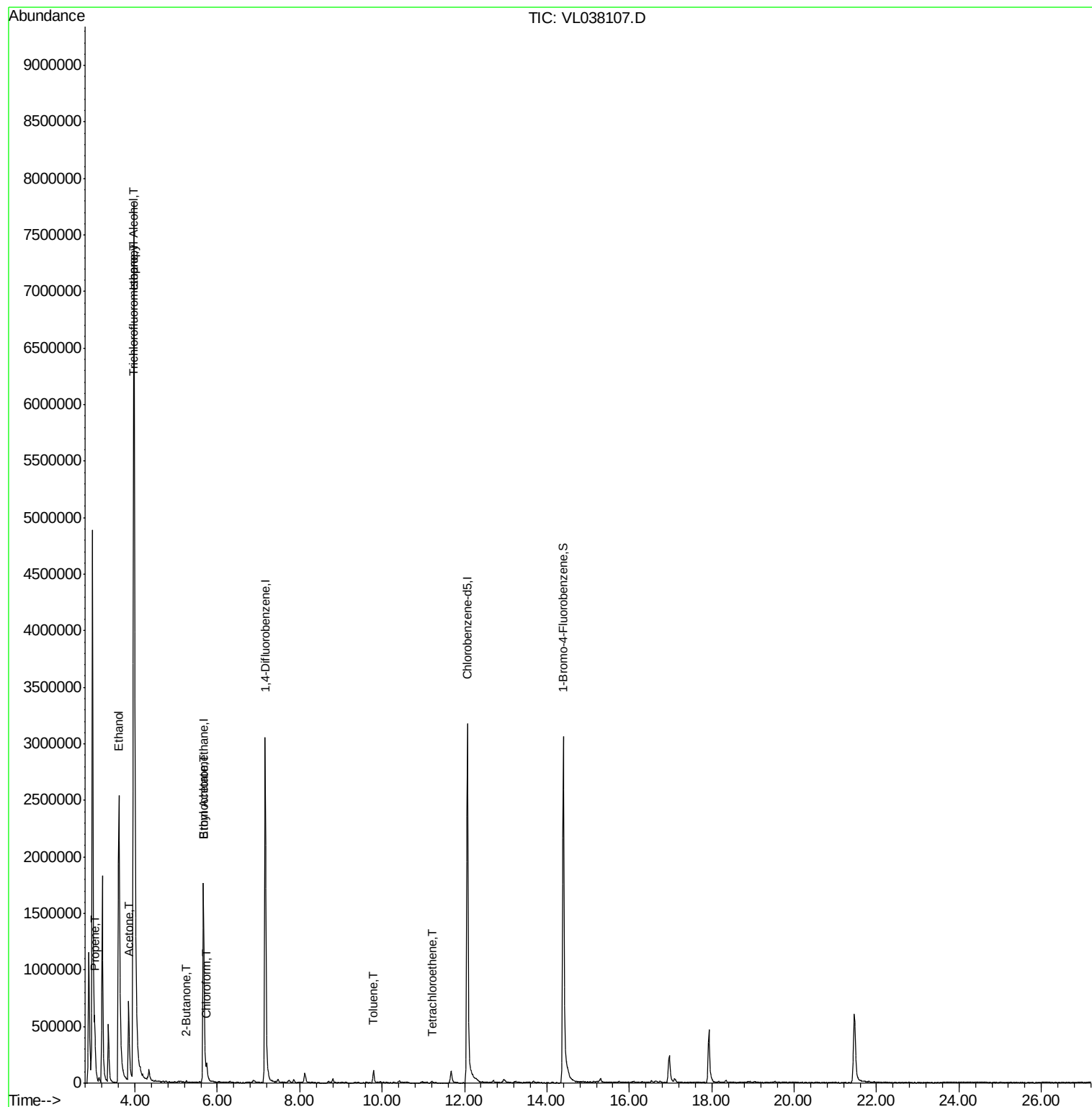
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
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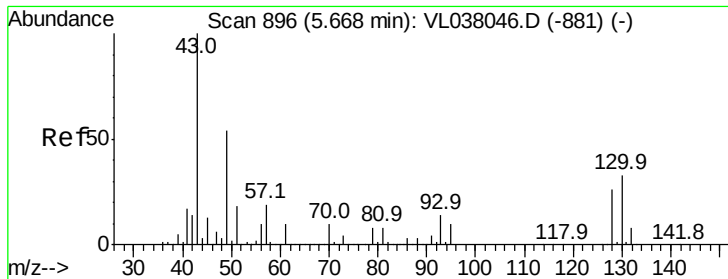
Instrument :
MSVOA_L
ClientSampleId :
IA-JEWELRY-DESIGNDL

Quant Time: Nov 28 11:58:53 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
Response via : Initial Calibration

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Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-JEWELRY-DESIGNDL

Acq: 23 Nov 2021 19:57

Tot Ion:

Ion Ratio

49 100

128 48.

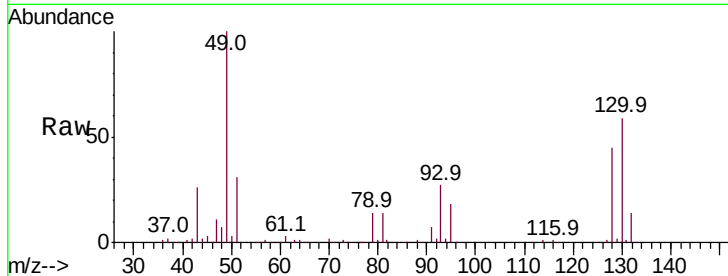
130 61.

Manual Integrations

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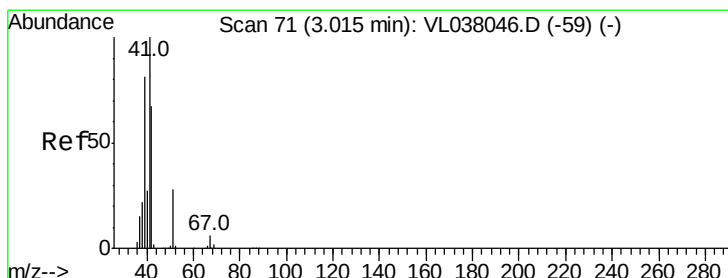
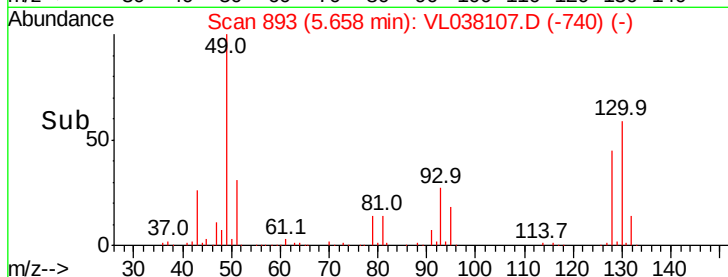
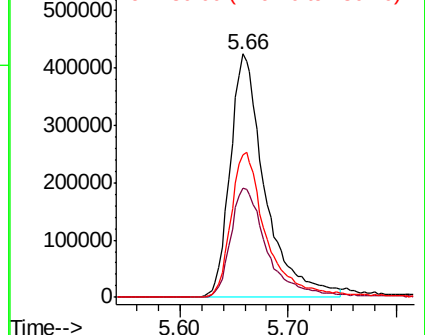
Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 1.118 ppbv m

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038107.D

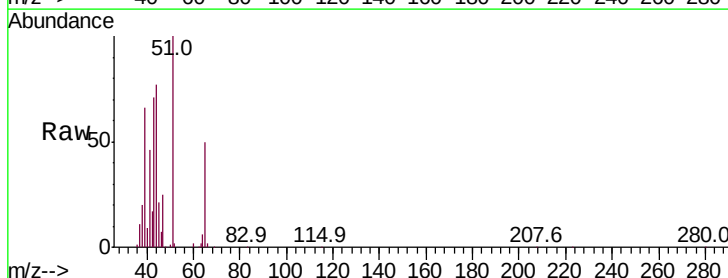
Acq: 23 Nov 2021 19:57

Tgt Ion: 41 Resp: 82348

Ion Ratio Lower Upper

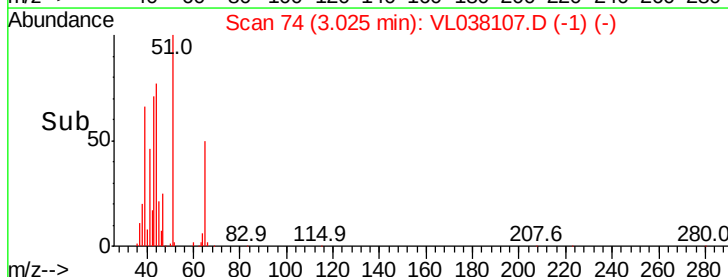
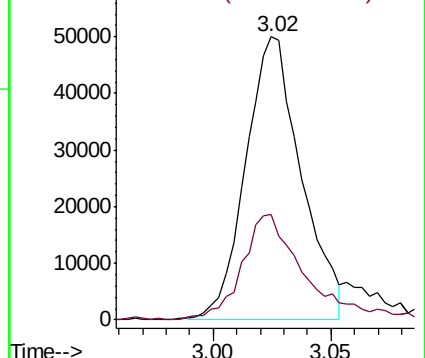
41 100

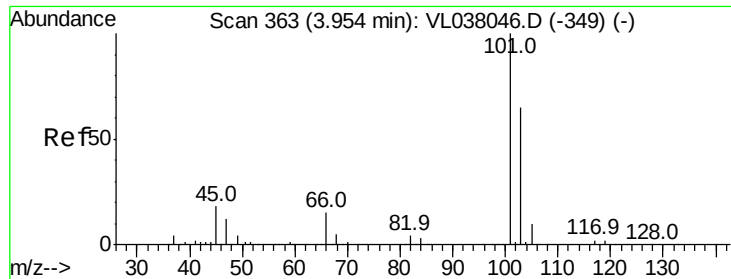
42 554.6 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



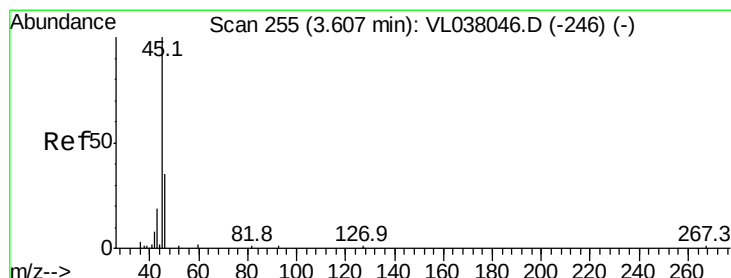
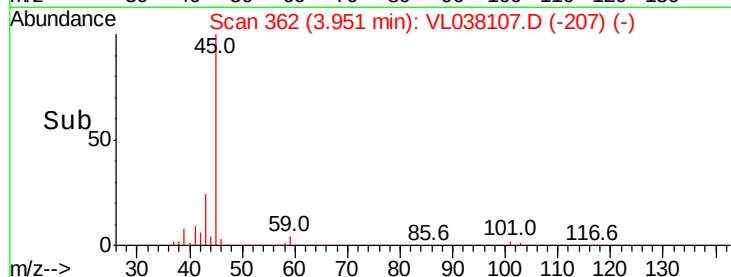
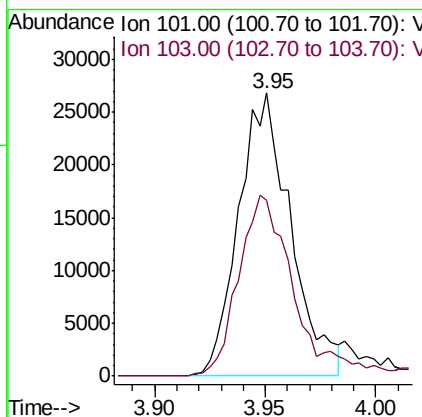
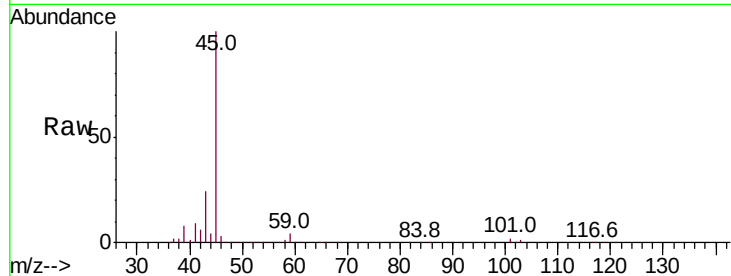


#11
 Trichlorofluoromethane
 Concen: 0.294 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 19:57

Tot Ion:1
 Ion Rati
 101 100
 103 62.

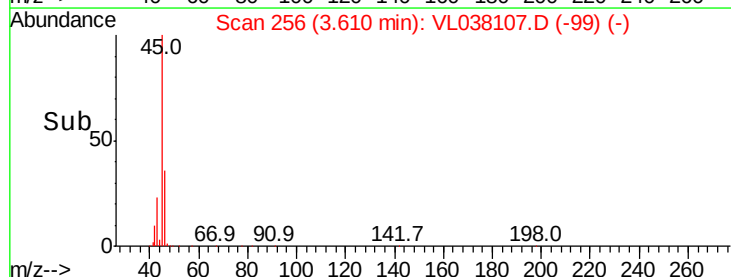
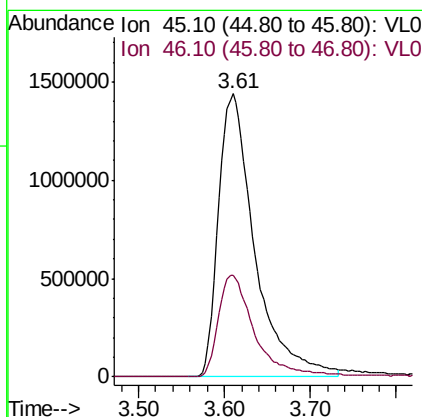
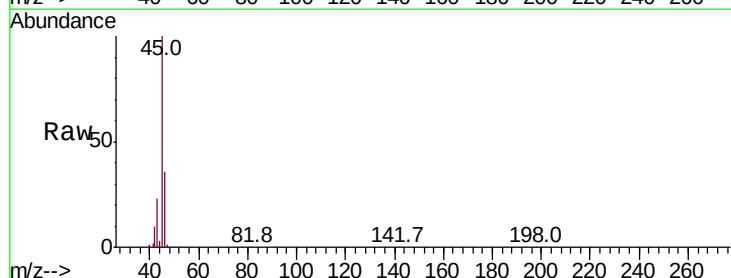
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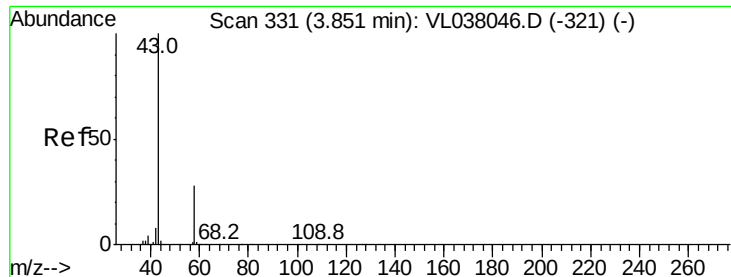
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#13
 Ethanol
 Concen: 596.609 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. 0.00 min
 Lab File: VL038107.D
 Acq: 23 Nov 2021 19:57

Tgt Ion: 45 Resp: 4245324
 Ion Ratio Lower Upper
 45 100
 46 36.9 17.6 70.2





#15

Acetone

Concen: 11.040 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:57

Tot Ion:

Ion Ratio

43 100

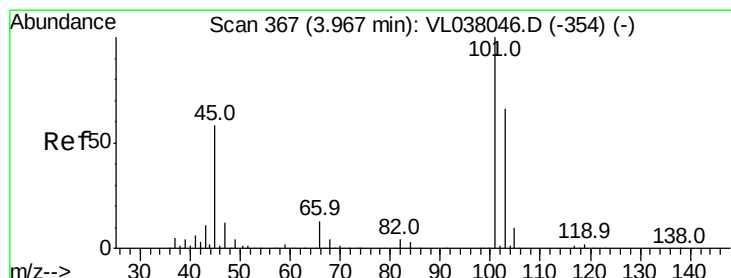
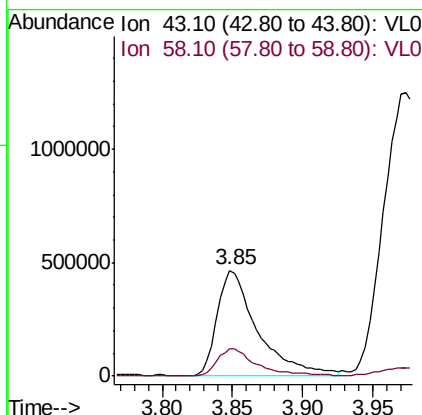
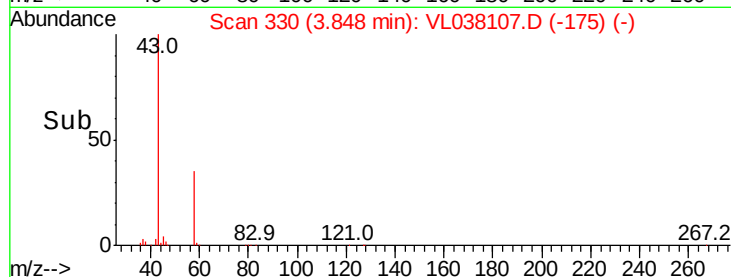
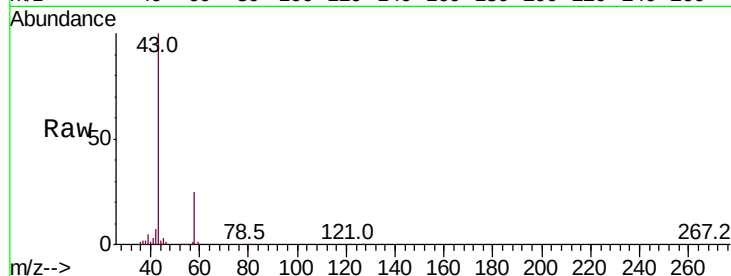
58 26.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#19

Isopropyl Alcohol

Concen: 224.801 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL038107.D

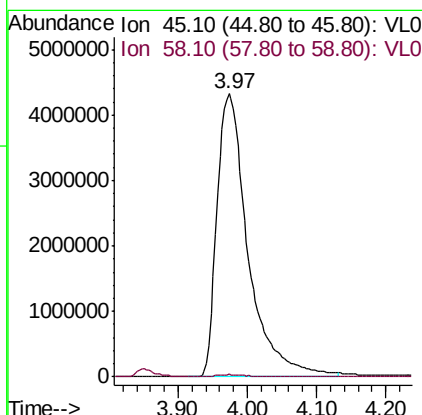
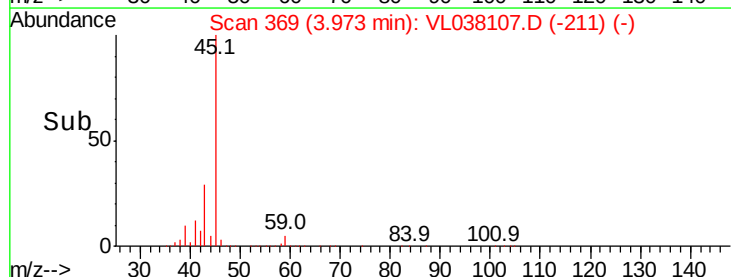
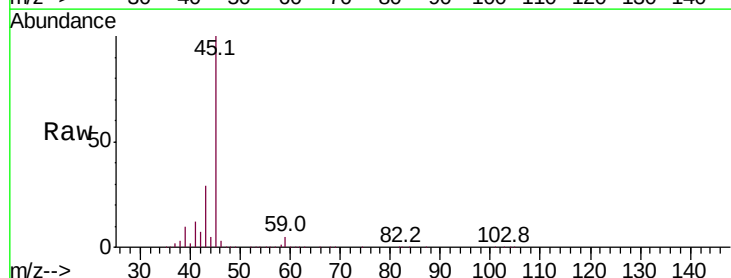
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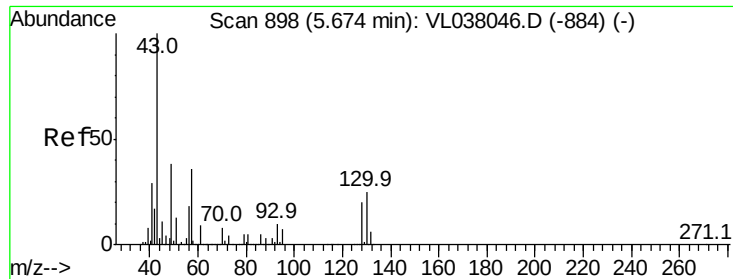
Tgt Ion: 45 Resp:13407614

Ion Ratio Lower Upper

45 100

58 0.9 1.4 2.0#



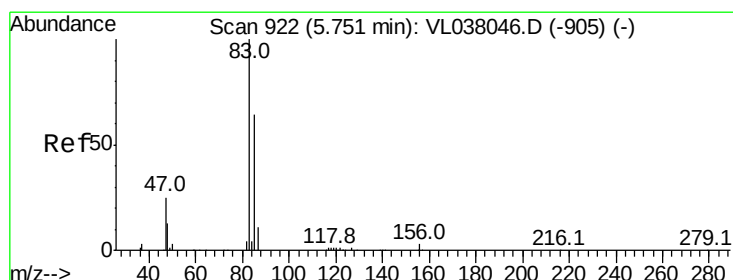
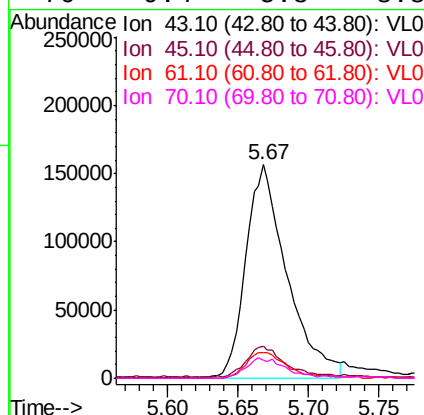
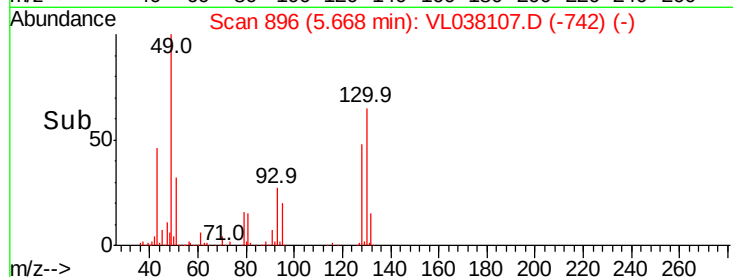
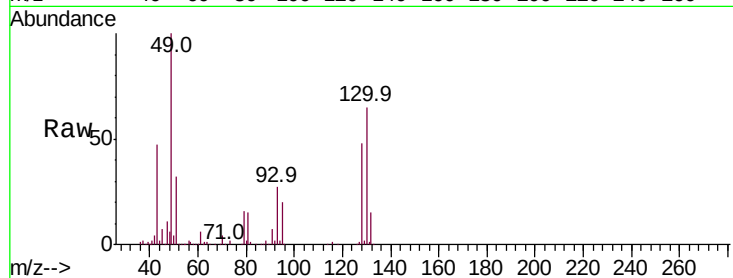


#25
Ethyl Acetate
Concen: 1.158 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 19:57

Tot Ion:
Ion Ratio
43 100
45 14.
61 12.
70 9.4 5.8 8.8#

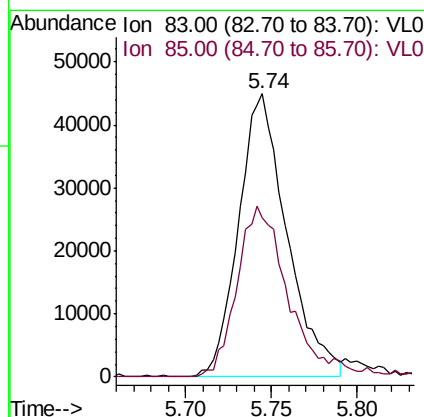
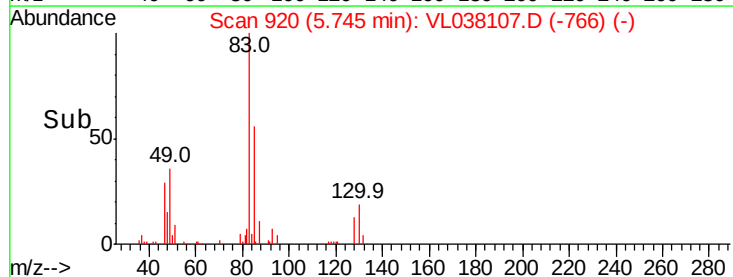
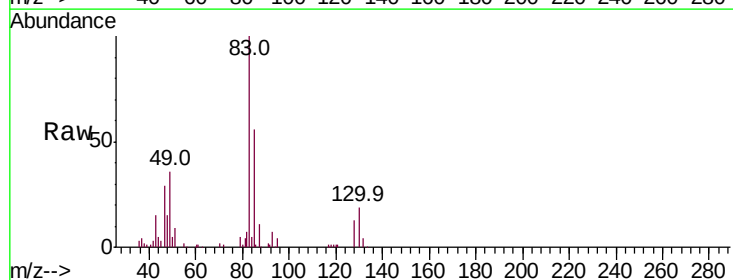
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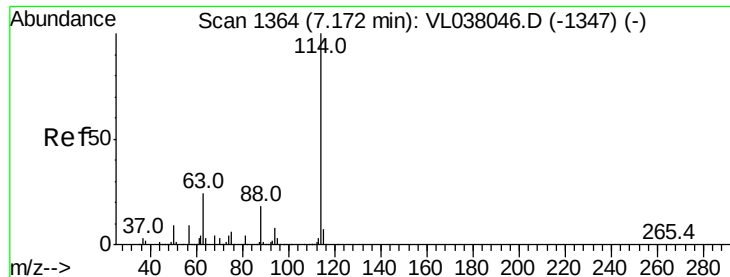
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#29
Chloroform
Concen: 0.451 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL038107.D
Acq: 23 Nov 2021 19:57

Tgt Ion: 83 Resp: 87886
Ion Ratio Lower Upper
83 100
85 56.2 51.0 76.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument:

Delta R.T. MSVOA_L

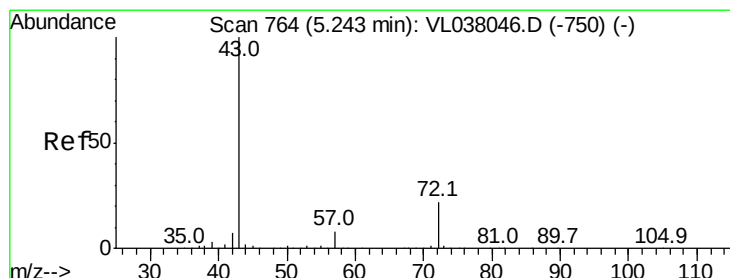
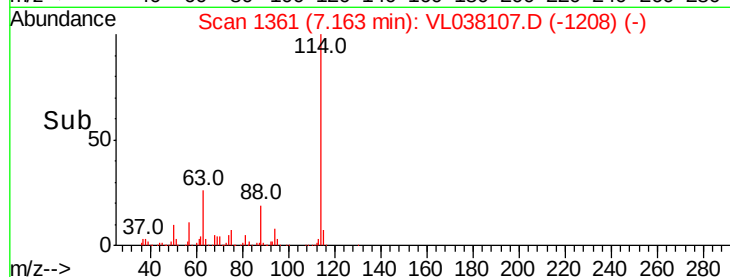
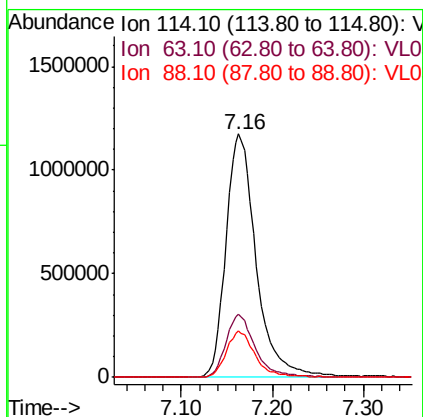
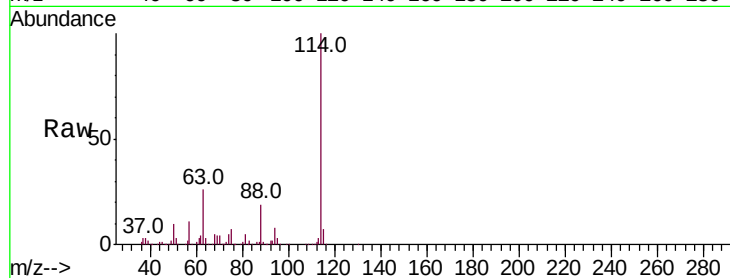
Lab File: ClientSampleId:

Acq: 23 Nov 2021 19:57

Tot Ion:1
Ion Rati
114 100
63 25.
88 18.

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Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#34

2-Butanone

Concen: 0.121 ppbv

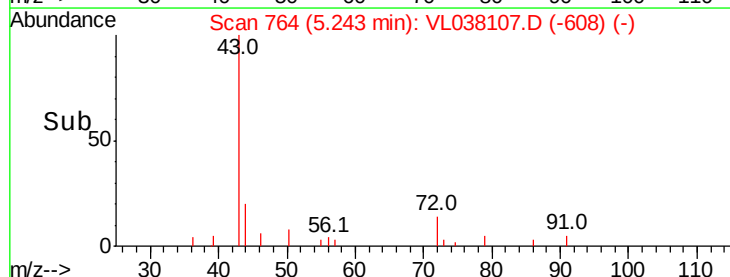
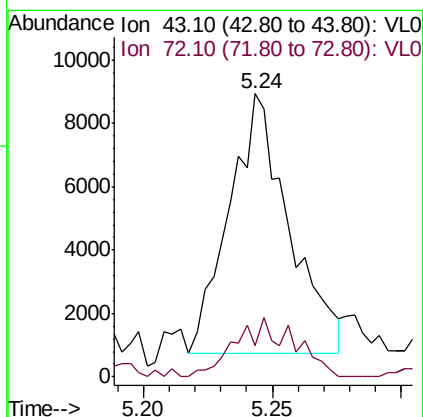
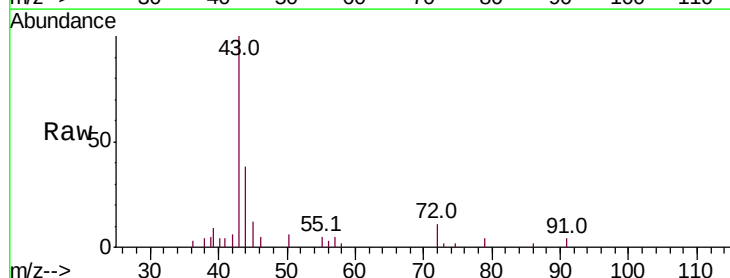
RT: 5.24 min Scan# 764

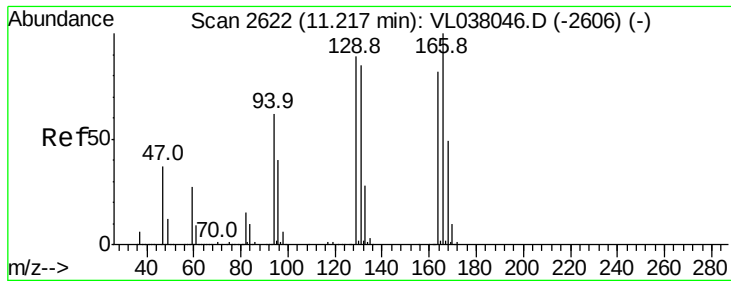
Delta R.T. 0.00 min

Lab File: VL038107.D

Acq: 23 Nov 2021 19:57

Tgt Ion: 43 Resp: 13192
Ion Ratio Lower Upper
43 100
72 22.8 18.8 28.2





#52

Tetrachloroethene

Concen: 0.033 ppbv m

RT: 11.21

Delta R.T. MSVOA_L

Lab File: ClientSampleId : IA-JEWELRY-DESIGNDL

Acq: 23 Nov 2021 19:57

Tot Ion:1

Ion Rati

164 100

166 85.

129 71.

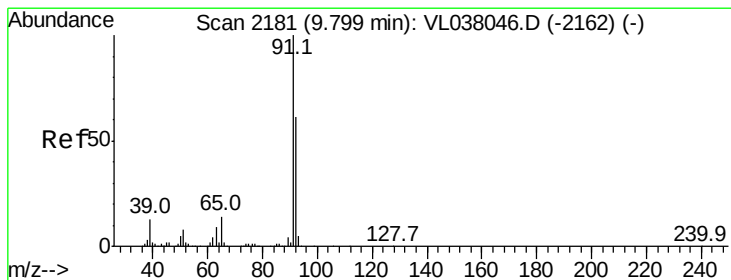
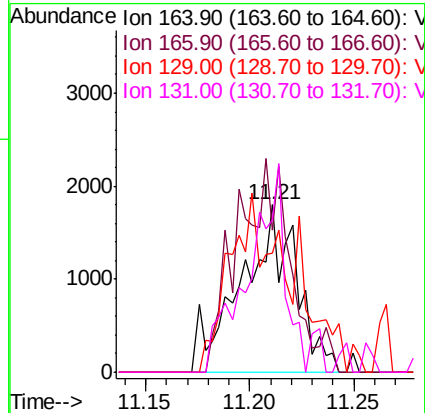
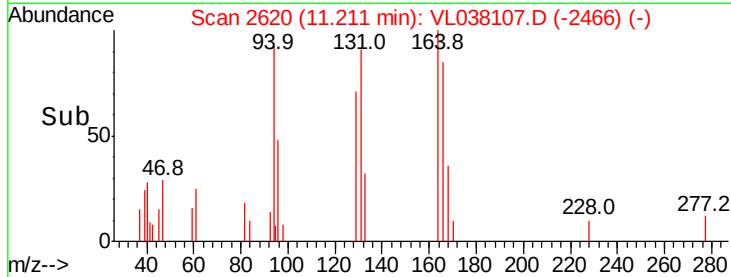
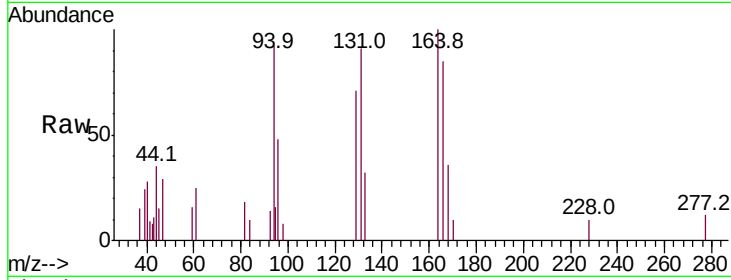
131 91.4 82.8 124.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#53

Toluene

Concen: 0.260 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.01 min

Lab File: VL038107.D

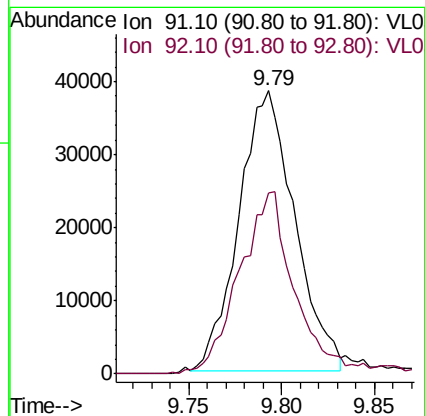
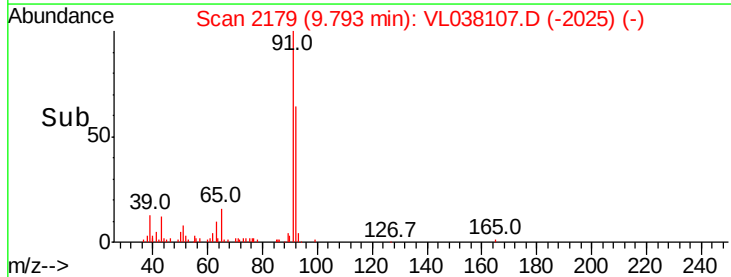
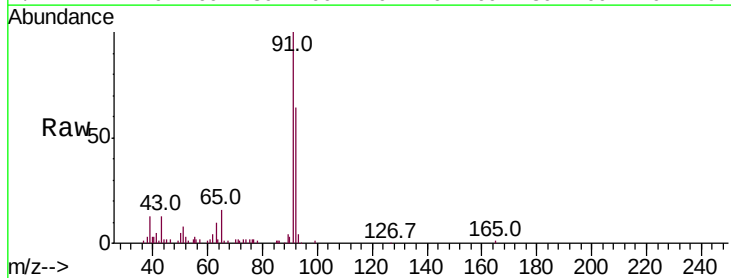
Acq: 23 Nov 2021 19:57

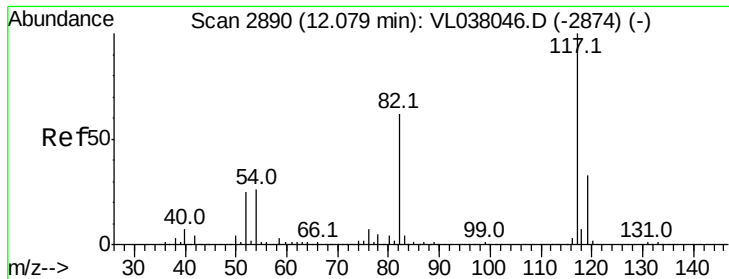
Tgt Ion: 91 Resp: 80727

Ion Ratio Lower Upper

91 100

92 65.9 49.7 74.5



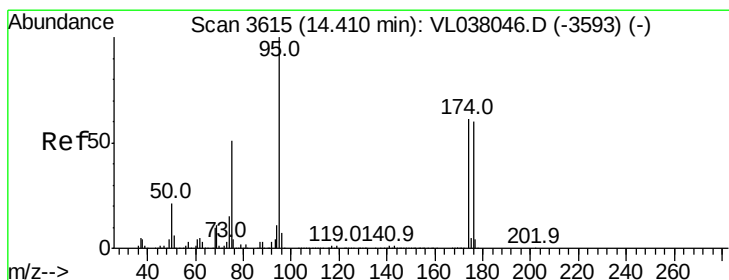
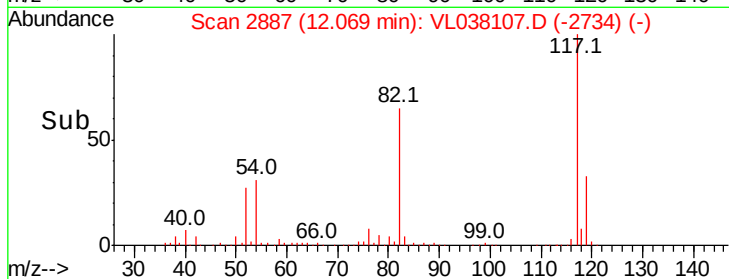
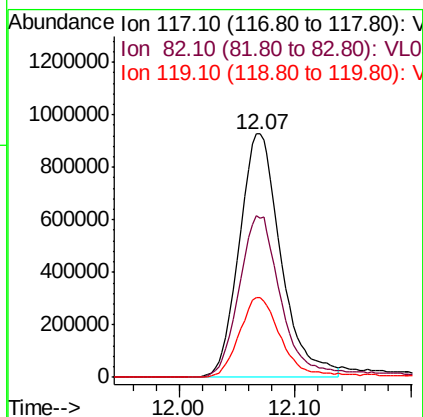
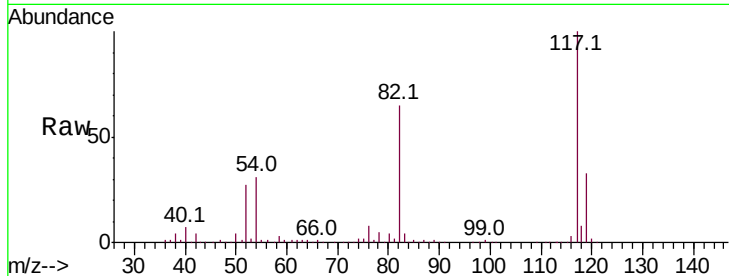


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 19:57

Tot Ion: 1
Ion Ratio
117 100
82 71.
119 34.

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 10.913 ppbv
RT: 14.40 min Scan# 3612
Delta R.T.: -0.01 min
Lab File: VL038107.D
Acq: 23 Nov 2021 19:57

Tgt Ion: 95 Resp: 1823887
Ion Ratio Lower Upper
95 100
174 62.7 53.1 79.7
175 4.6 4.0 6.0

