

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038761.D
 Acq On : 25 Mar 2022 11:39
 Operator : SY/AP
 Sample : N2096-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-01-(SB-14)DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 10:10:10 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	762766	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2115528	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	1916649	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1453033	9.89	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.04	41	58569m	1.51	ppbv	
13) Ethanol	3.64	45	51249m	11.95	ppbv	
15) Acetone	3.88	43	160648	2.44	ppbv	98
20) Methylene Chloride	4.37	84	14904	0.54	ppbv	98
27) Carbon Disulfide	4.57	76	132484	1.82	ppbv	96
29) Chloroform	5.78	83	16406	0.14	ppbv	88
30) Cyclohexane	7.19	84	15138m	0.23	ppbv	
32) 1,1,1-Trichloroethane	6.54	97	45707	0.40	ppbv	97
34) 2-Butanone	5.28	43	12561	0.15	ppbv	99
38) Trichloroethene	7.86	130	74521	1.09	ppbv	92

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

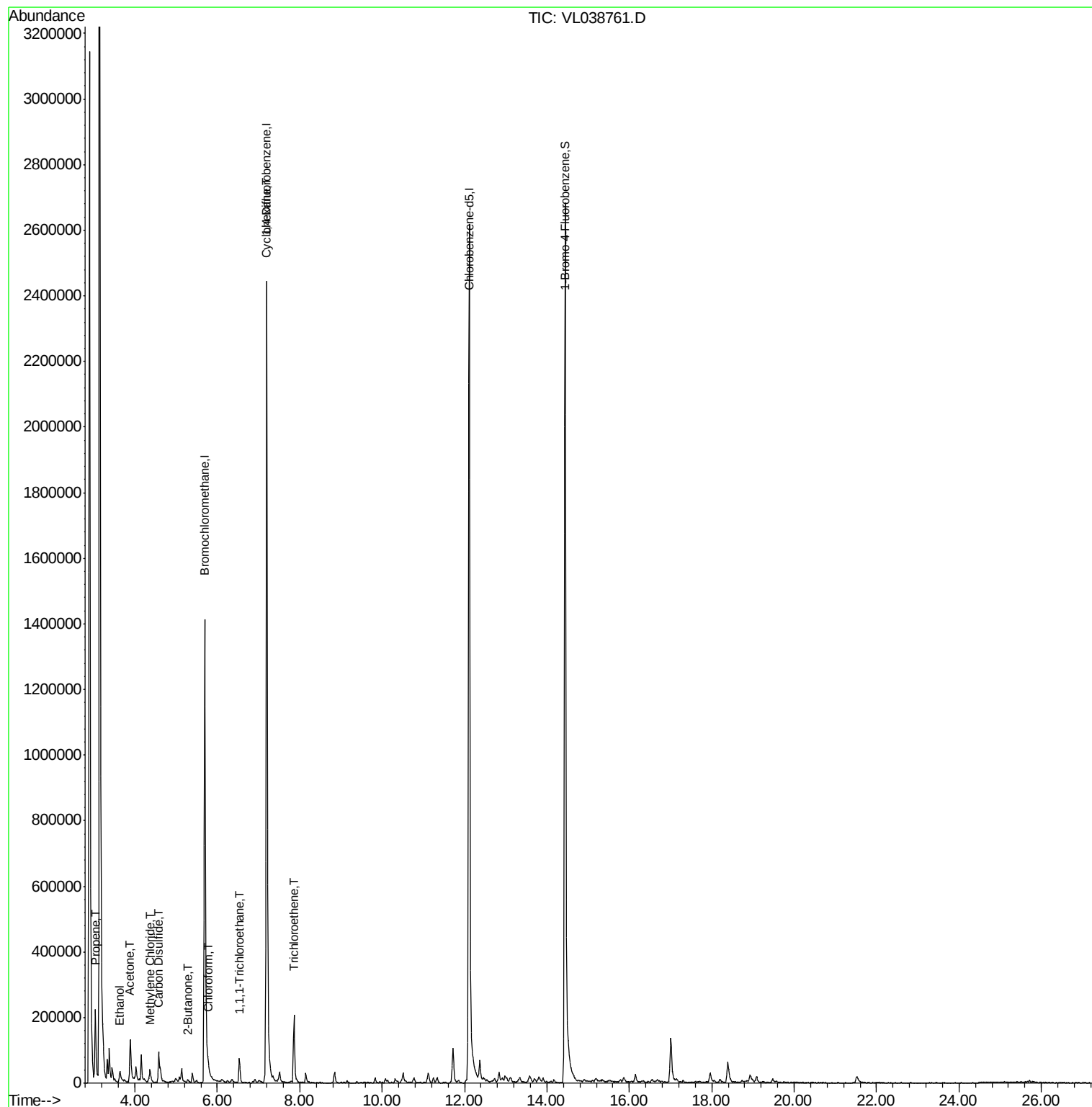
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Data File : VL038761.D
Acq On : 25 Mar 2022 11:39
Operator : SY/AP
Sample : N2096-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

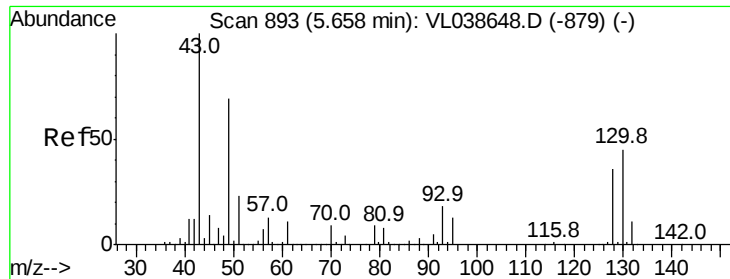
Instrument :
MSVOA_L
ClientSampleId :
SV-01-(SB-14)DL

Quant Time: Mar 26 10:10:10 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL032122.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.69 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2022 11:39 SV-01-(SB-14)DL

Tgt Ion:

Ion Ratio

49 100

128 57.

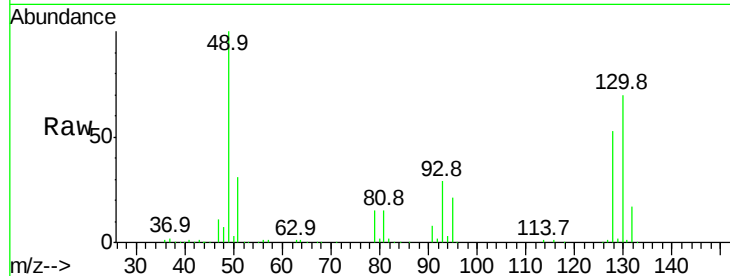
130 72.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/28/2022

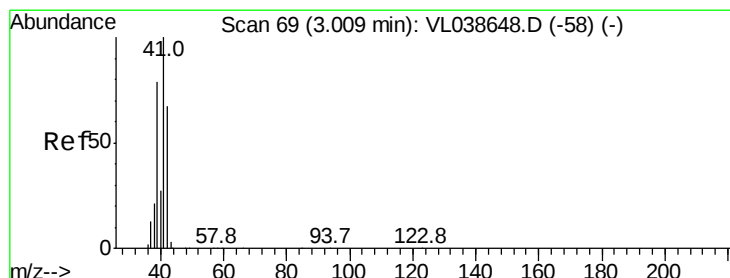
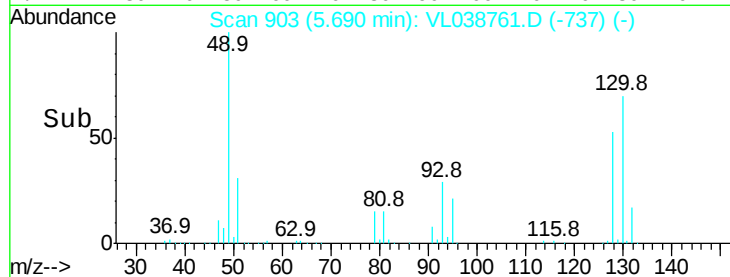
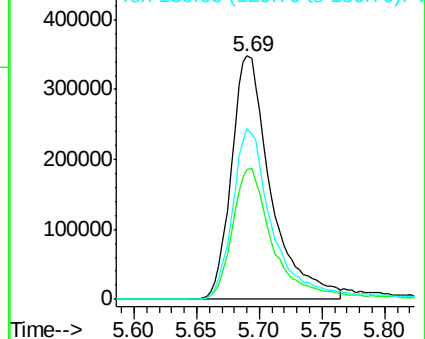
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 1.51 ppbv m

RT: 3.04 min Scan# 79

Delta R.T. 0.03 min

Lab File: VL038761.D

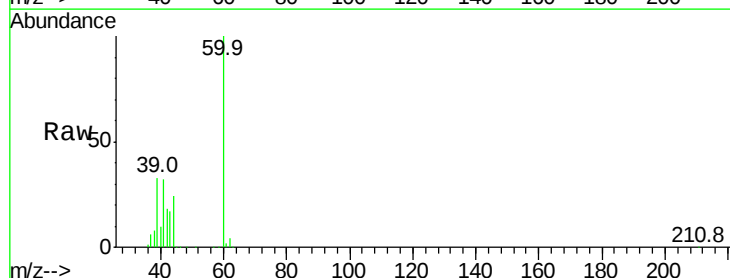
Acq: 25 Mar 2022 11:39

Tgt Ion: 41 Resp: 58569

Ion Ratio Lower Upper

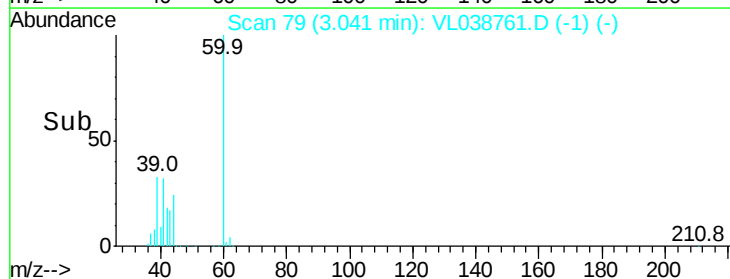
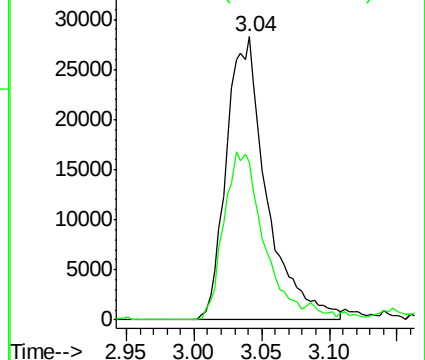
41 100

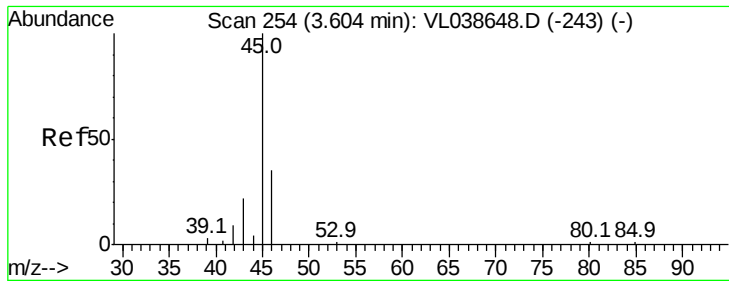
42 61.6 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



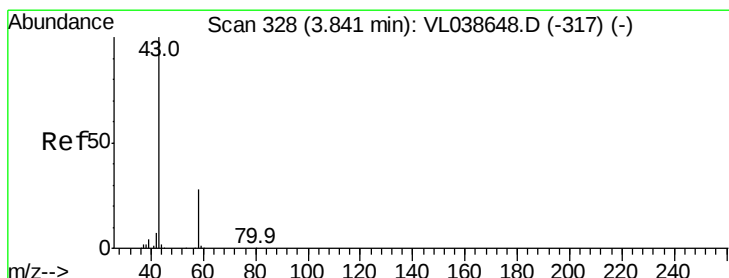
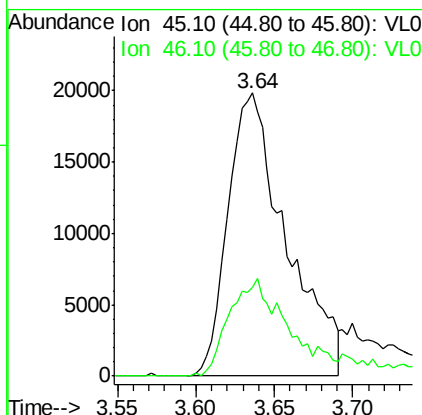
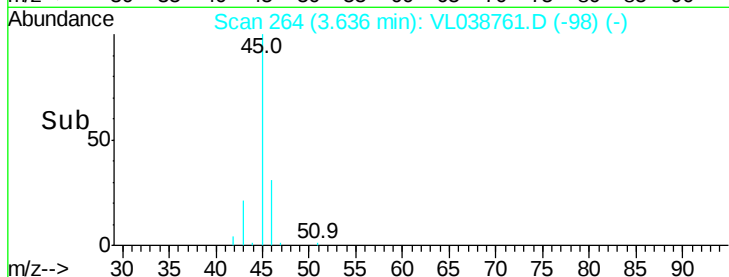
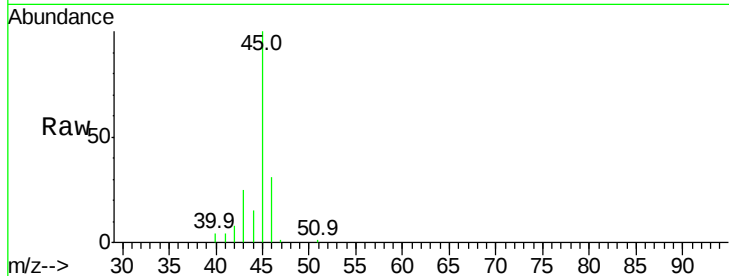


#13
 Ethanol
 Concen: 11.95 ppbv m
 RT: 3.64
 Instrument: MSVOA_L
 Delta R.T.
 Lab File: ClientSampleId :
 Acq: 25 Mar 2022 11:39

Tgt Ion:
 Ion Ratio
 45 100
 46 40.

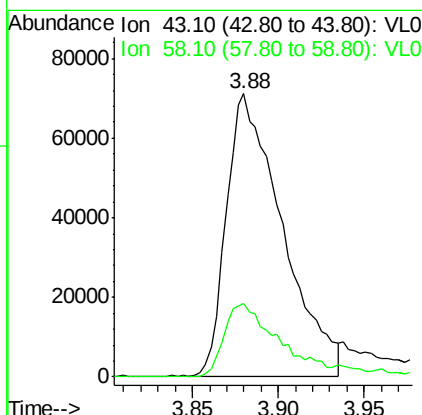
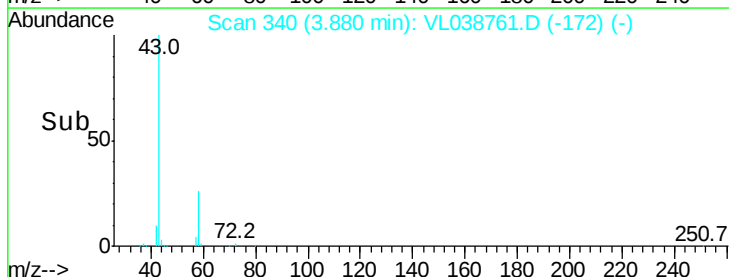
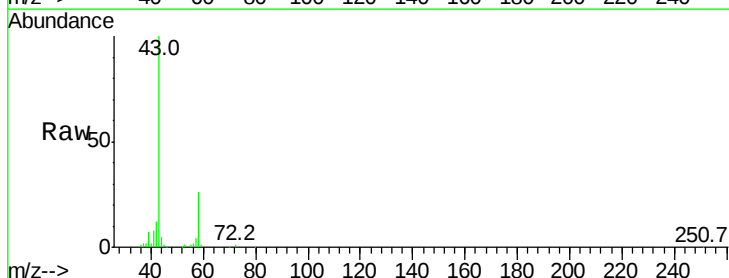
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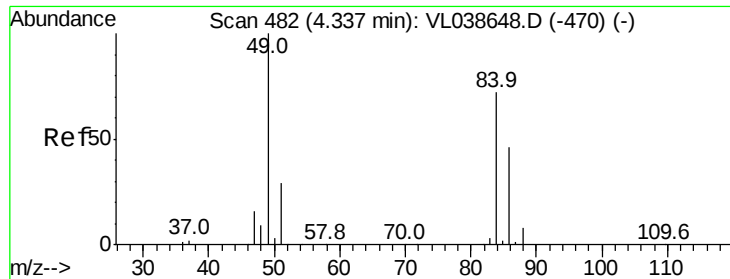
Reviewed By :Semsettin Yesilyurt 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#15
 Acetone
 Concen: 2.44 ppbv
 RT: 3.88 min Scan# 340
 Delta R.T. 0.04 min
 Lab File: VL038761.D
 Acq: 25 Mar 2022 11:39

Tgt Ion: 43 Resp: 160648
 Ion Ratio Lower Upper
 43 100
 58 30.3 23.3 34.9



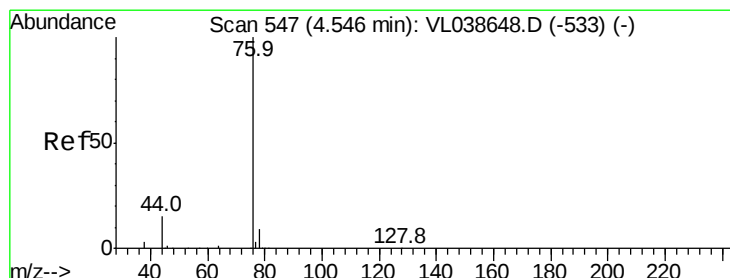
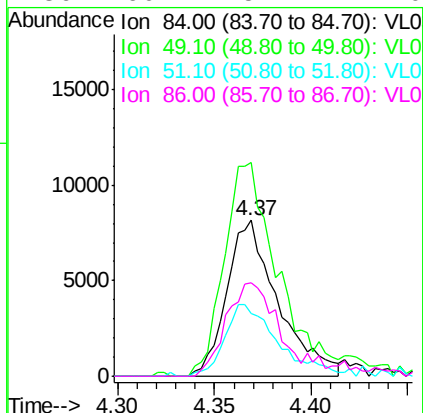
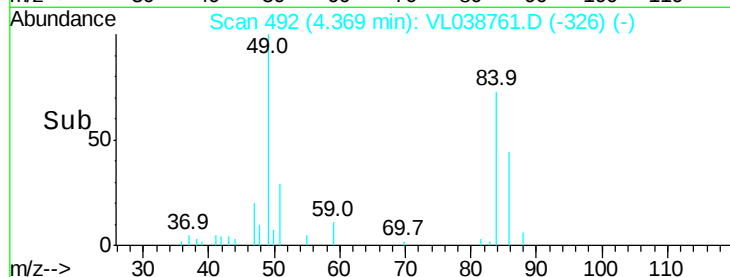
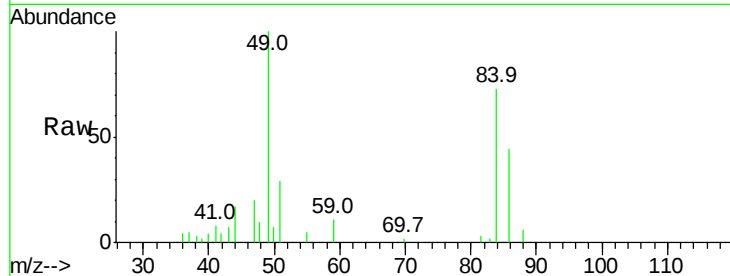


#20
Methylene Chloride
Concen: 0.54 ppbv
RT: 4.37
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV-01-(SB-14)DL
Acq: 25 Mar 2022 11:39

Tgt Ion:
Ion Ratio
84 100
49 137.
51 40.
86 60.1 51.4 77.0

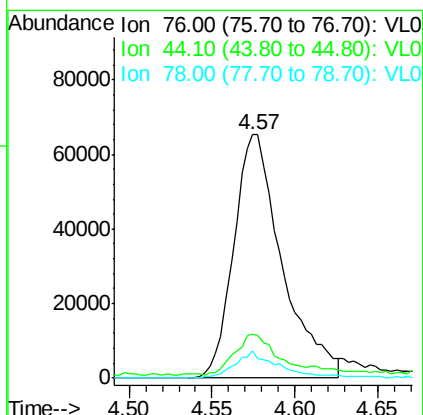
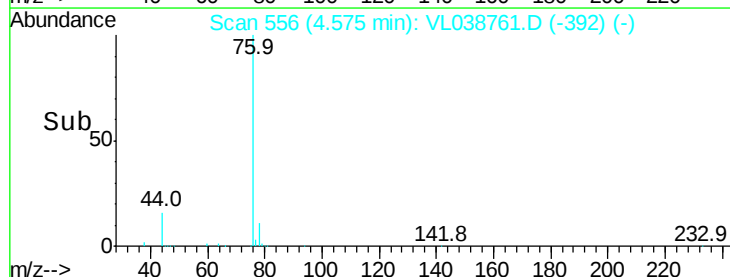
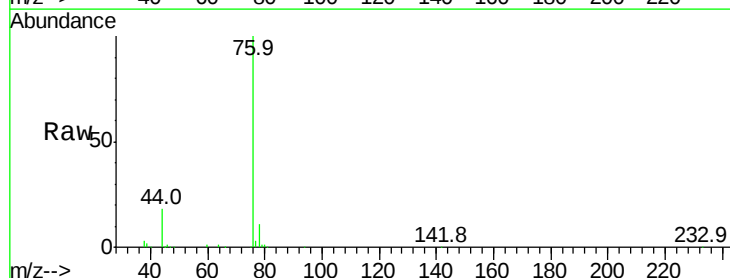
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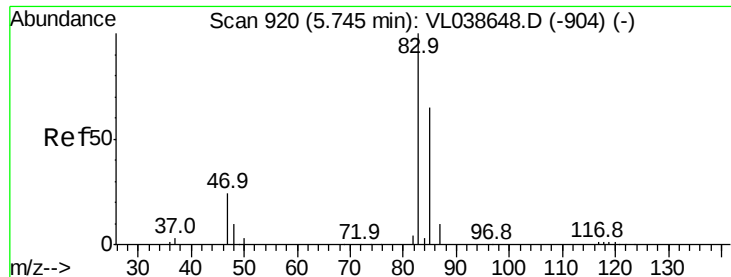
Reviewed By :Semsettin Yesilyurt 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#27
Carbon Disulfide
Concen: 1.82 ppbv
RT: 4.57 min Scan# 556
Delta R.T. 0.03 min
Lab File: VL038761.D
Acq: 25 Mar 2022 11:39

Tgt Ion: 76 Resp: 132484
Ion Ratio Lower Upper
76 100
44 17.5 12.4 18.6
78 10.4 7.8 11.8



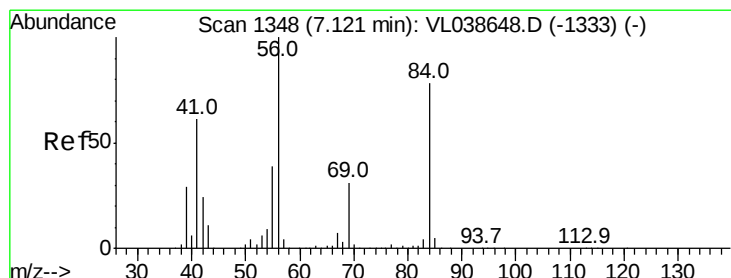
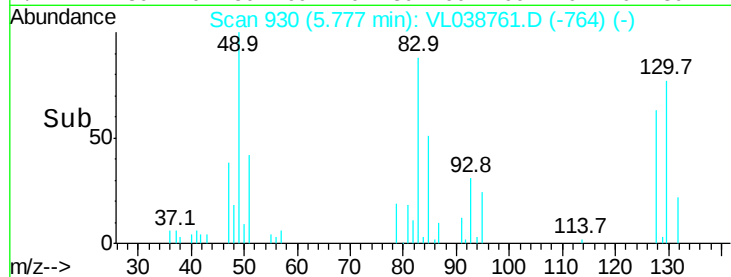
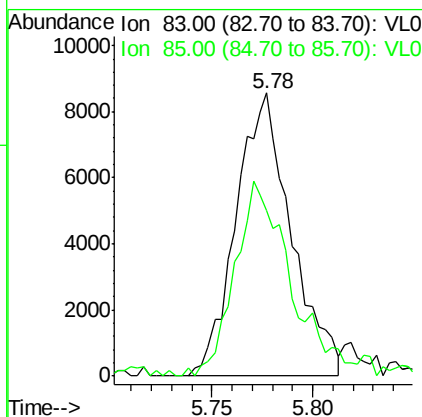
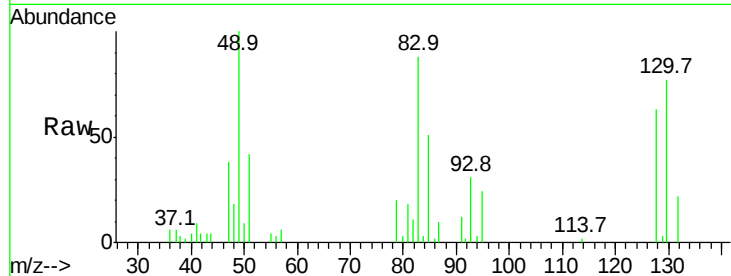


#29
Chloroform
Concen: 0.14 ppbv
RT: 5.78
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV-01-(SB-14)DL
Acq: 25 Mar 2022 11:39

Tgt Ion:
Ion Ratio
83 100
85 55.

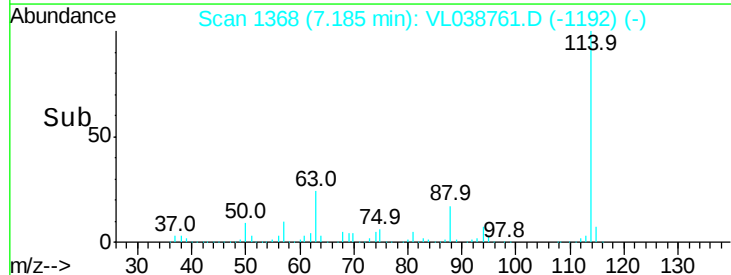
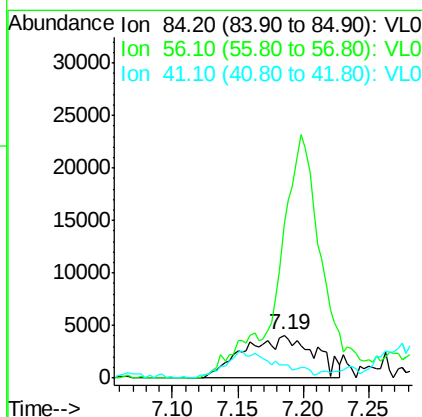
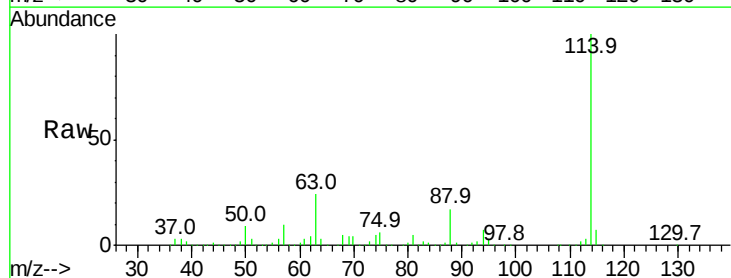
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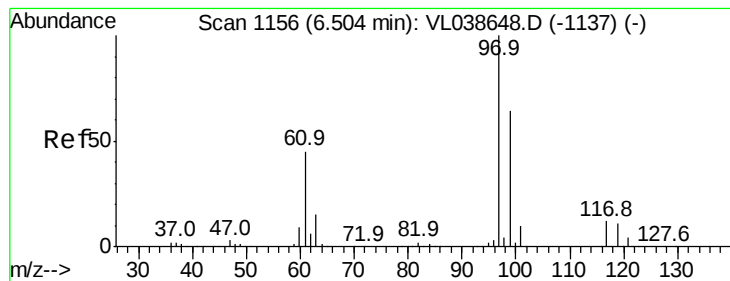
Reviewed By :Semsettin Yesilyurt 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Cyclohexane
Concen: 0.23 ppbv m
RT: 7.19 min Scan# 1368
Delta R.T. 0.06 min
Lab File: VL038761.D
Acq: 25 Mar 2022 11:39

Tgt Ion: 84 Resp: 15138
Ion Ratio Lower Upper
84 100
56 0.0 108.2 162.4#
41 0.0 61.8 92.6#





#32

1,1,1-Trichloroethane

Concen: 0.40 ppbv

RT: 6.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2022 11:39 SV-01-(SB-14)DL

Tgt Ion:

Ion Ratio

97 100

99 66.

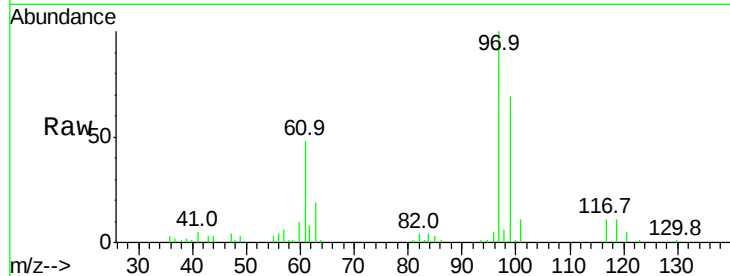
61 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/28/2022

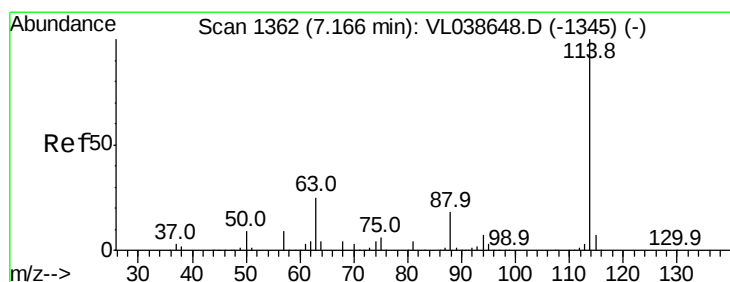
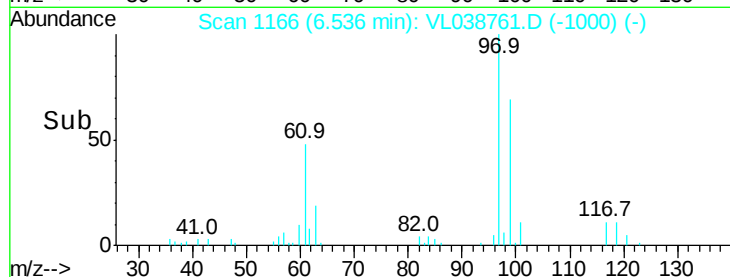
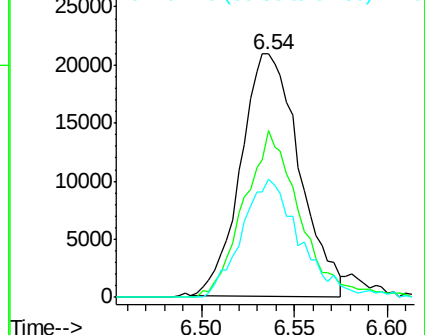
Supervised By :Mahesh Dadoda 03/28/2022



Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. 0.03 min

Lab File: VL038761.D

Acq: 25 Mar 2022 11:39

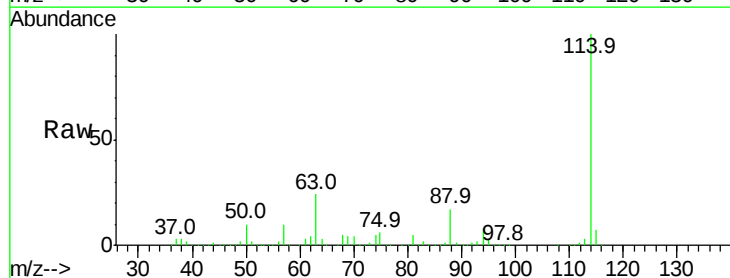
Tgt Ion:114 Resp: 2115528

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.0

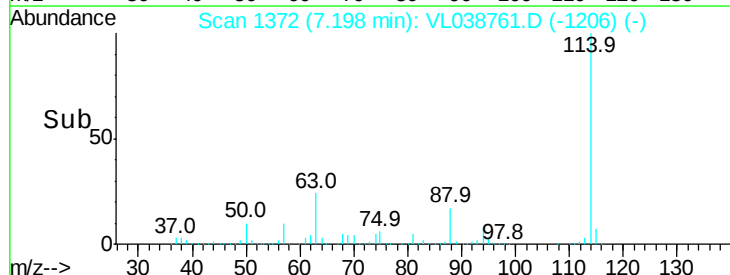
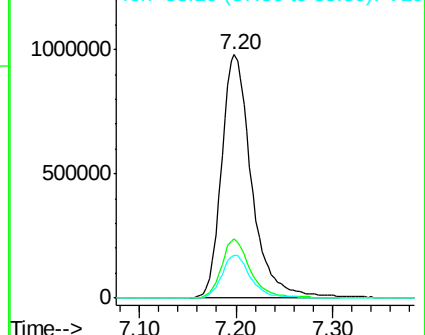
88 17.3 13.9 20.9

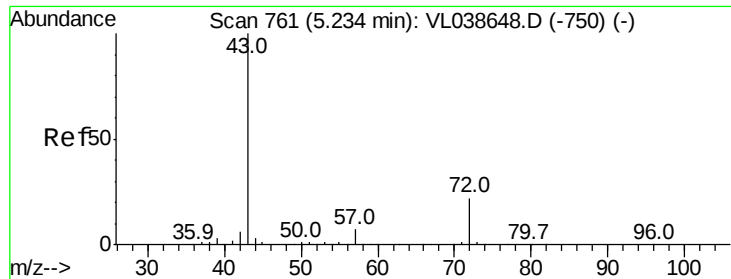


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



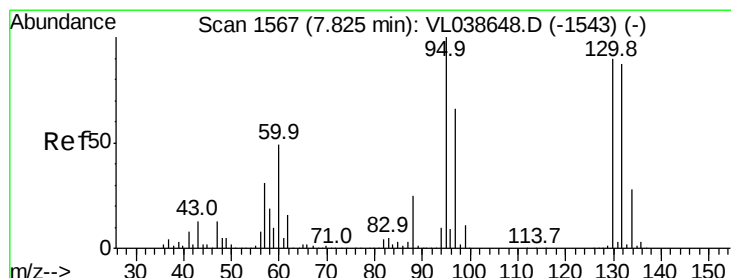
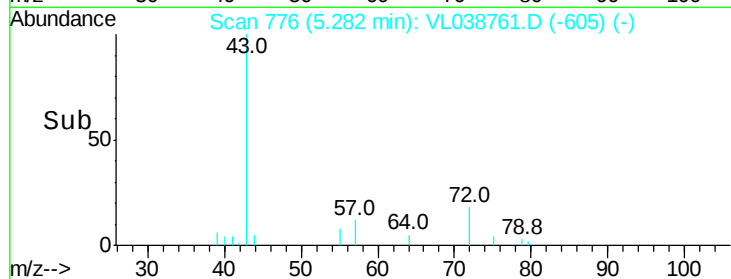
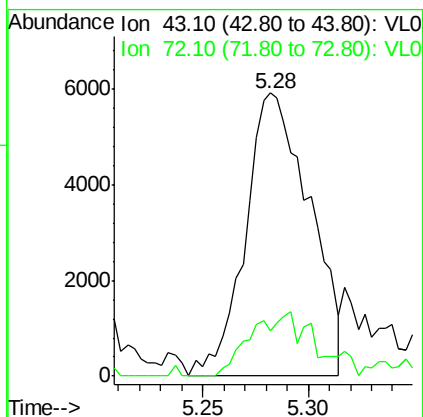
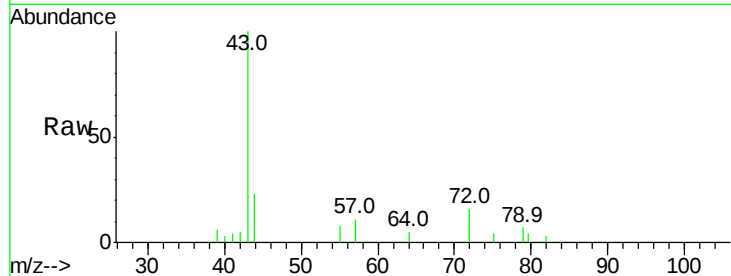


#34
2-Butanone
Concen: 0.15 ppbv
RT: 5.28
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV-01-(SB-14)DL
Acq: 25 Mar 2022 11:39

Tgt Ion:
Ion Ratio
43 100
72 22.

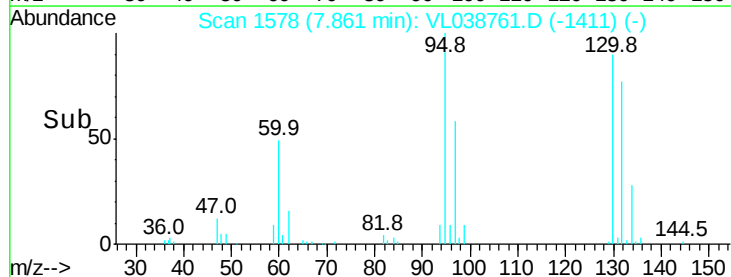
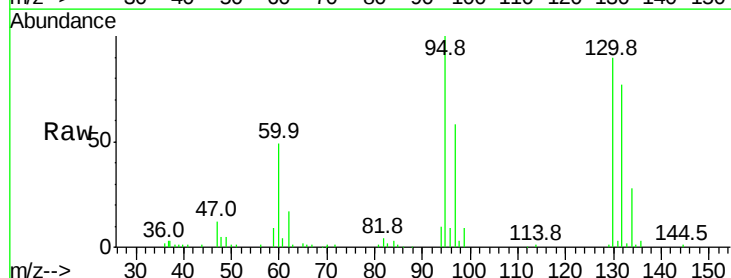
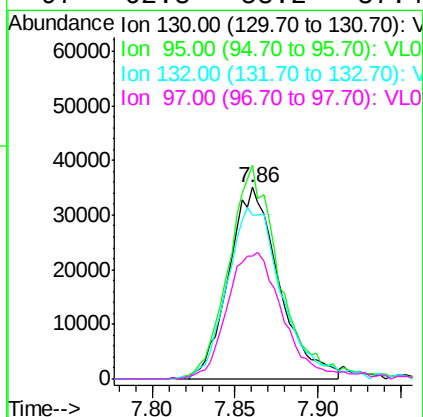
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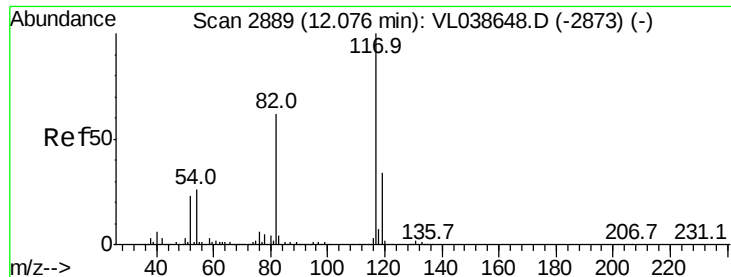
Reviewed By :Semsettin Yesilyurt 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Trichloroethene
Concen: 1.09 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.04 min
Lab File: VL038761.D
Acq: 25 Mar 2022 11:39

Tgt Ion:130 Resp: 74521
Ion Ratio Lower Upper
130 100
95 109.3 88.9 133.3
132 84.7 77.4 116.0
97 62.8 58.2 87.4



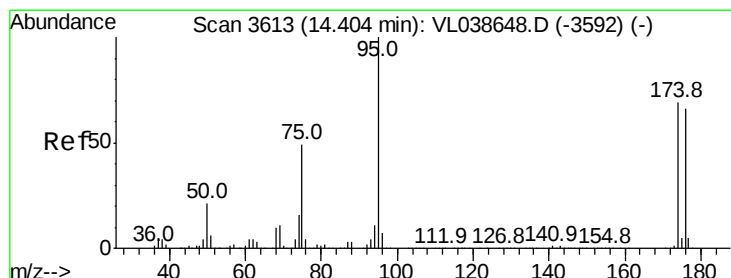
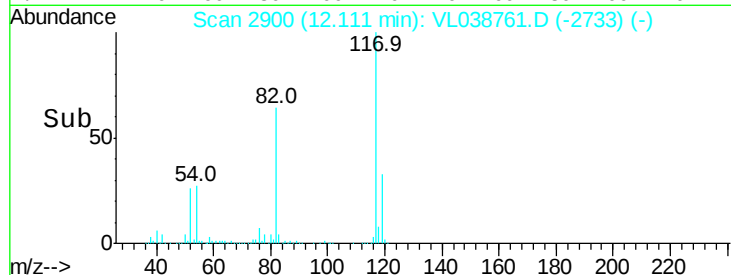
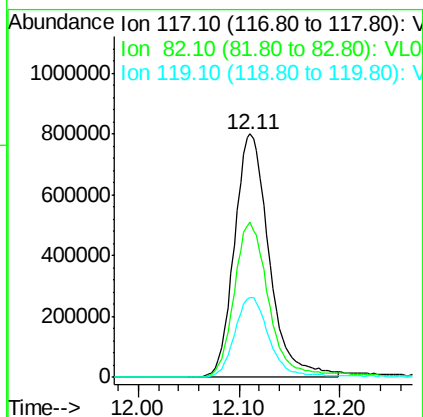
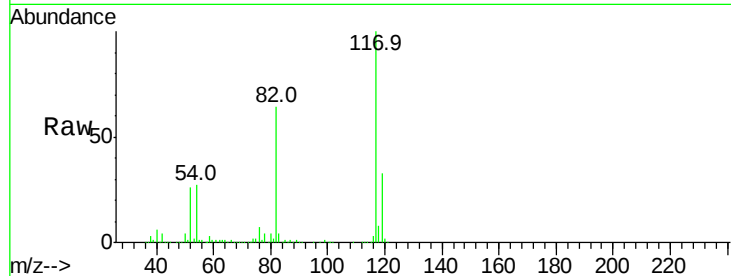


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV-01-(SB-14)DL
Acq: 25 Mar 2022 11:39

Tgt Ion: 117
Ion Ratio: 100
82 65.
119 33.

Manual Integrations
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Supervised By : Mahesh Dadoda 03/28/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.89 ppbv
RT: 14.44 min Scan# 3624
Delta R.T.: 0.04 min
Lab File: VL038761.D
Acq: 25 Mar 2022 11:39

Tgt Ion: 95 Resp: 1453033
Ion Ratio Lower Upper
95 100
174 70.6 56.1 84.1
175 5.1 4.2 6.2

