

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038221.D
 Acq On : 21 Dec 2021 19:39
 Operator : SY/AP
 Sample : VL1221ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1221ABS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 22 08:33:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	750515	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2231030	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2088462m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1645031	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1205953	8.528	ppbv 98
3) Chlorodifluoromethane	3.00	51	1353920	8.585	ppbv 98
4) Chloromethane	3.15	50	481231	8.800	ppbv 99
5) Vinyl Chloride	3.27	62	482625	8.781	ppbv 97
6) Bromomethane	3.48	94	263221	9.398	ppbv 97
7) Chloroethane	3.57	64	168541	9.106	ppbv 90
8) Dichlorotetrafluoroethane	3.20	85	1158171	8.629	ppbv 98
9) Propene	3.02	41	454810	8.306	ppbv 98
10) Heptane	8.13	43	1180522	8.499	ppbv 100
11) Trichlorofluoromethane	3.96	101	1160908	8.938	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	867205	8.840	ppbv 99
13) Ethanol	3.62	45	51877	5.588	ppbv # 100
14) Bromoethene	3.75	108	351472	8.993	ppbv 99
15) Acetone	3.86	43	600983	7.979	ppbv 96
16) 1,3-Butadiene	3.34	39	451513	8.799	ppbv 100
17) tert-Butyl alcohol	4.30	59	684770	8.277	ppbv 100
18) 1,1-Dichloroethene	4.30	96	380674	8.861	ppbv 96
19) Isopropyl Alcohol	3.98	45	368354	7.841	ppbv # 39
20) Methylene Chloride	4.35	84	308146	7.246	ppbv 92
21) Allyl Chloride	4.42	41	564136	8.854	ppbv 98
22) trans-1,2-Dichloroethene	4.89	96	410593	9.367	ppbv 94
23) Vinyl Acetate	5.08	43	939476	9.212	ppbv 99
24) 1,1-Dichloroethane	5.02	63	790607	8.668	ppbv 99
25) Ethyl Acetate	5.69	43	1804874	8.844	ppbv 99
26) Hexane	5.69	57	836680	8.172	ppbv 98
27) Carbon Disulfide	4.56	76	899916	9.985	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	880286	8.556	ppbv 99
29) Chloroform	5.76	83	1342052	8.833	ppbv 99
30) Cyclohexane	7.14	84	771585	8.509	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	767081	9.553	ppbv 97
32) 1,1,1-Trichloroethane	6.52	97	1371776	9.100	ppbv 99
34) 2-Butanone	5.25	43	629342	9.385	ppbv 99
35) Carbon Tetrachloride	7.02	117	1403246	10.190	ppbv 99
36) Benzene	6.90	78	1880784	9.038	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1028976	9.854	ppbv 99
38) Trichloroethene	7.84	130	674100	8.512	ppbv 96
39) 1,2-Dichloropropane	7.62	63	726830	9.075	ppbv 97
40) 1,4-Dioxane	7.84	88	179834	7.719	ppbv 94
41) Tetrahydrofuran	6.06	42	446796	9.097	ppbv 98
42) Bromodichloromethane	7.80	83	1483075	9.982	ppbv 98
43) Methyl Methacrylate	8.02	69	700626	9.783	ppbv 99

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Quant Time: Dec 22 08:33:17 2021
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 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3040992	8.602	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	603360	11.384	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	767629	10.463	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	743496	8.944	ppbv	98
48) Dibromochloromethane	10.31	129	1191380	10.192	ppbv	98
49) Bromoform	13.04	173	899266	10.827	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	1211564	9.937	ppbv	98
51) 2-Hexanone	10.14	43	550361	9.431	ppbv #	98
52) Tetrachloroethene	11.23	164	620088	8.072	ppbv	91
53) Toluene	9.81	91	2118287	8.822	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1084765	9.199	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.13	131	789931	9.094	ppbv #	58
57) Chlorobenzene	12.15	112	1497705	8.269	ppbv	96
58) Ethyl Benzene	12.71	91	2769016	8.544	ppbv	100
59) m/p-Xylene	13.00	91	4654319m	16.799	ppbv	
60) o-Xylene	13.69	91	2157490	8.399	ppbv	98
61) Styrene	13.53	104	1196486	9.195	ppbv	98
62) Isopropylbenzene	14.67	105	2994851	8.304	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1542899	7.811	ppbv	100
64) n-propylbenzene	15.56	120	776171	8.656	ppbv	99
65) tert-Butylbenzene	16.75	119	2568137	8.090	ppbv	98
66) Benzyl Chloride	16.99	91	125679	10.622	ppbv	95
67) sec-Butylbenzene	17.30	105	3593357	8.238	ppbv	100
69) p-Isopropyltoluene	17.65	119	2890269	8.239	ppbv	99
70) n-Butylbenzene	18.55	91	2840628	8.516	ppbv	99
71) 2-Chlorotoluene	15.46	91	2286727	8.519	ppbv	98
72) 4-Ethyltoluene	15.84	105	2608455	8.818	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2285199	8.632	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	2334802	8.397	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	1311682	8.734	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1271572	8.533	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1212342	8.431	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	673672	7.592	ppbv	100
79) Naphthalene	22.19	128	1332189	9.275	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	279288	9.800	ppbv	96
81) 1,2,4-Trichlorobenzene	21.93	180	687387	8.369	ppbv	98

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

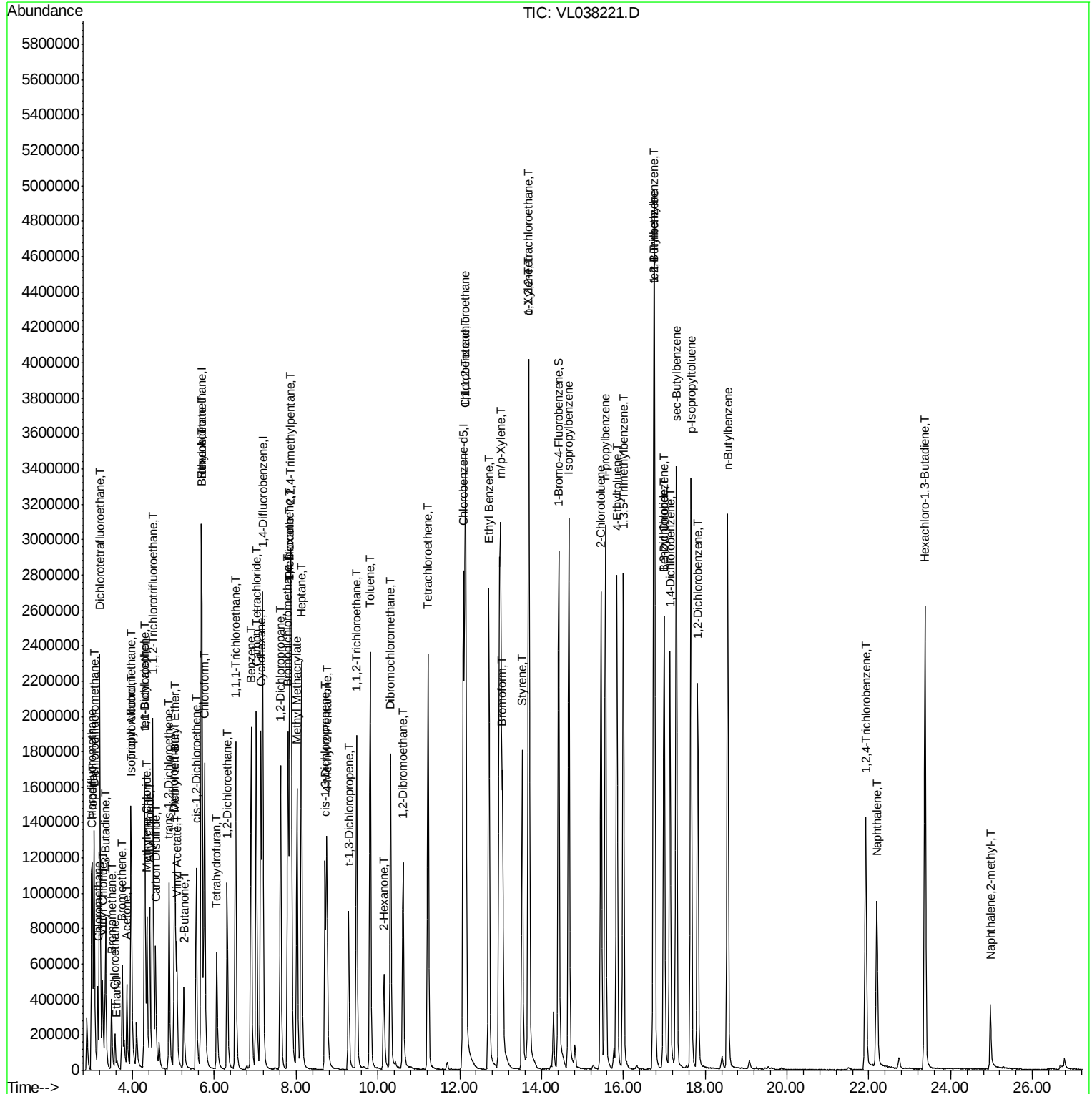
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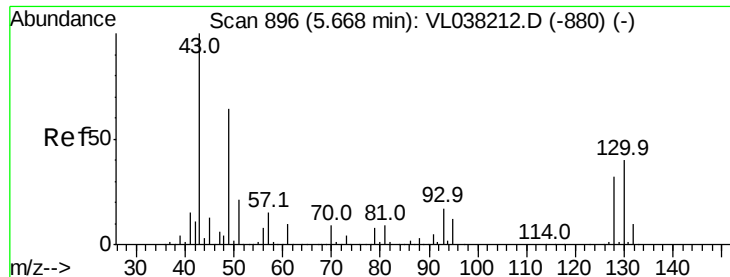
Instrument :
MSVOA_L
ClientSampleId :
VL1221ABS01

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Supervised By :Mahesh Dadoda 12/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

49 100

128 52.

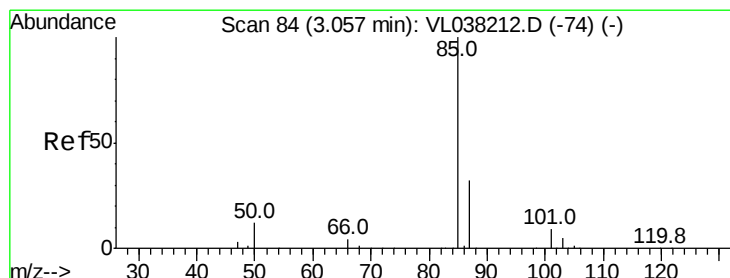
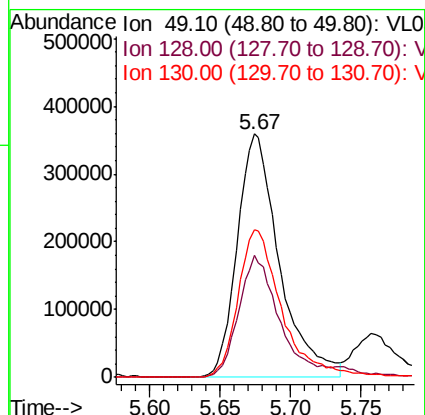
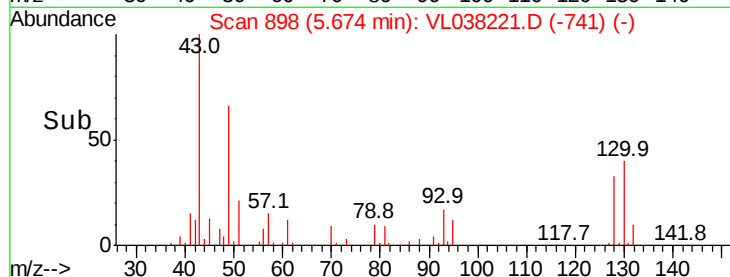
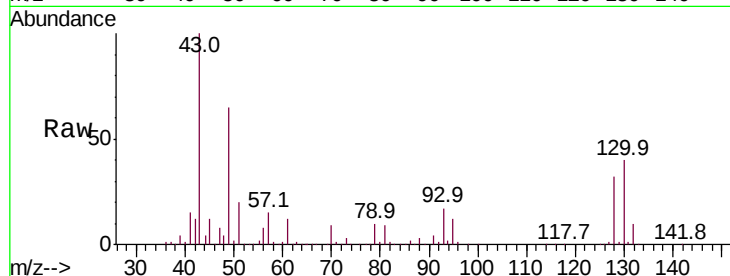
130 64.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#2

Dichlorodifluoromethane

Concen: 8.528 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.01 min

Lab File: VL038221.D

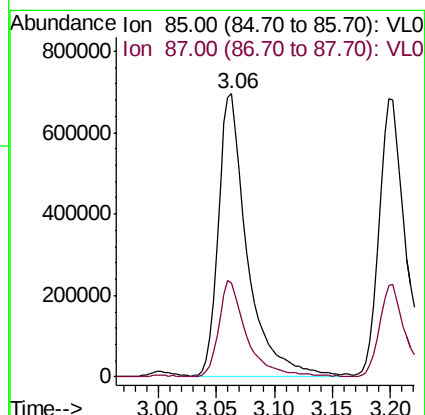
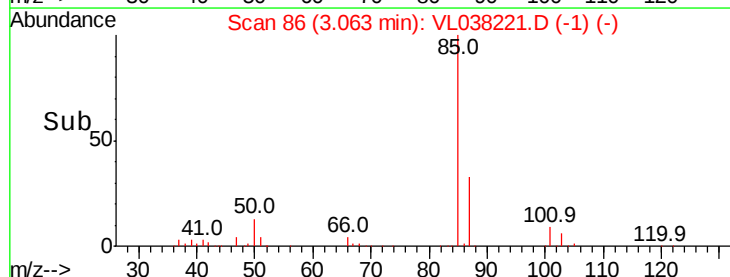
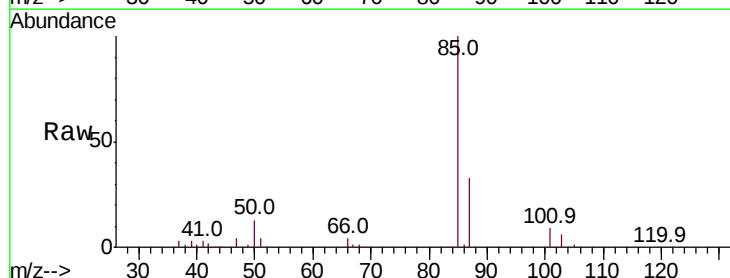
Acq: 21 Dec 2021 19:39

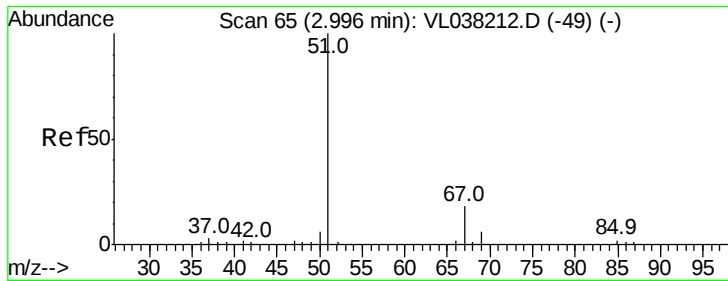
Tgt Ion: 85 Resp: 1205953

Ion Ratio Lower Upper

85 100

87 33.1 25.4 38.2





#3

Chlorodifluoromethane

Concen: 8.585 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

51 100

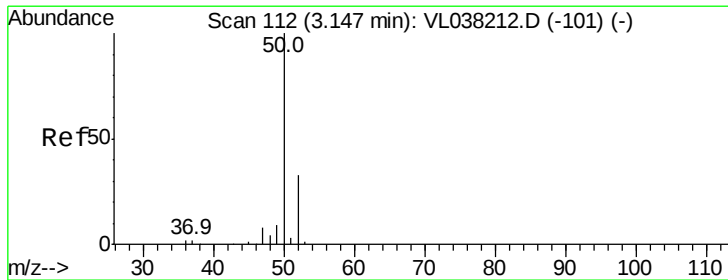
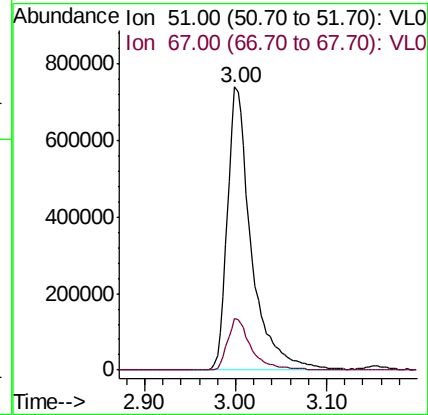
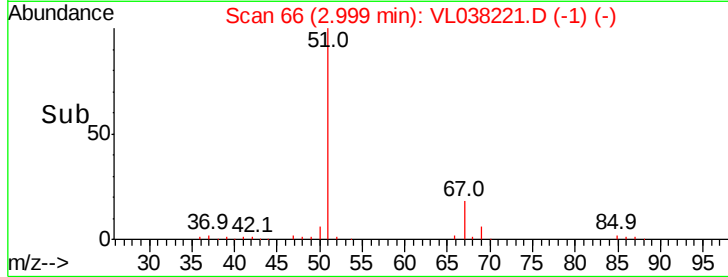
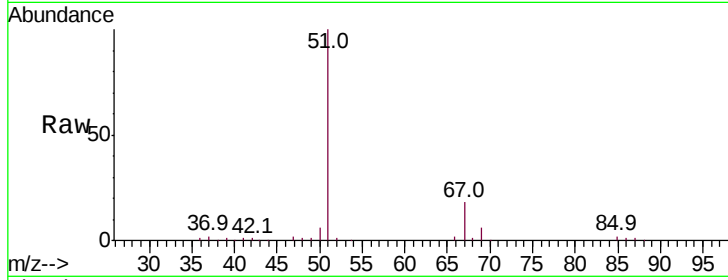
67 18.

Manual Integrations

APPROVED

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#4

Chloromethane

Concen: 8.800 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038221.D

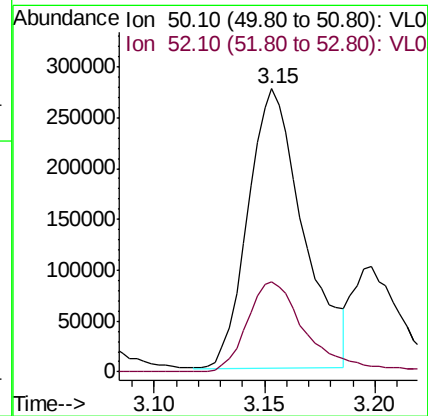
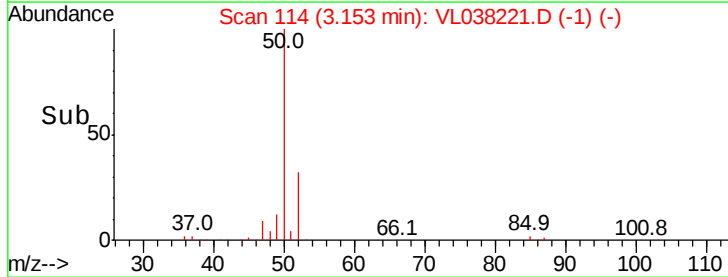
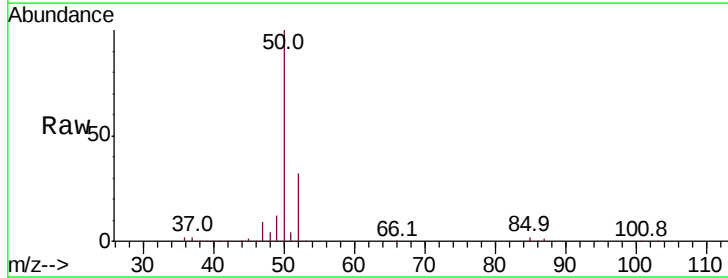
Acq: 21 Dec 2021 19:39

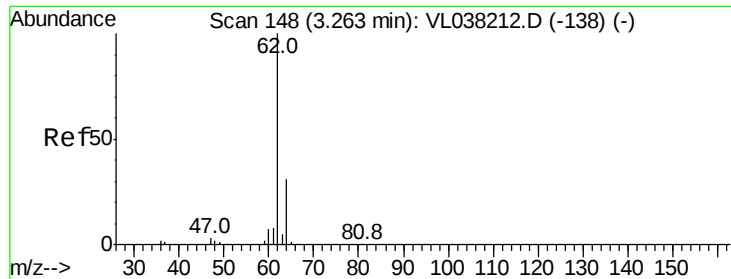
Tgt Ion: 50 Resp: 481231

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2





#5

Vinyl Chloride

Concen: 8.781 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

62 100

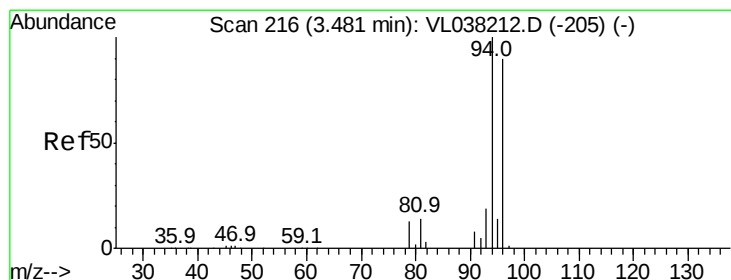
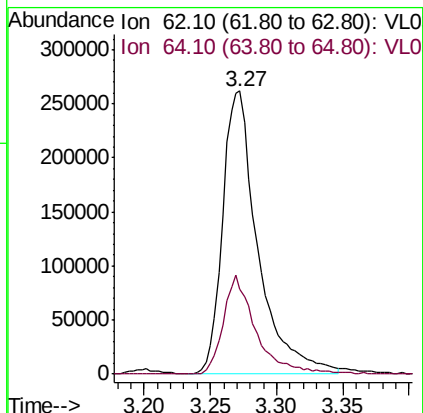
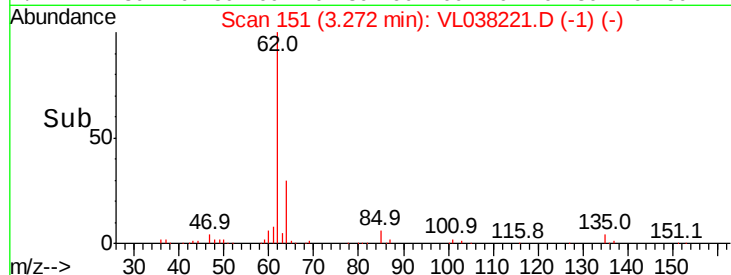
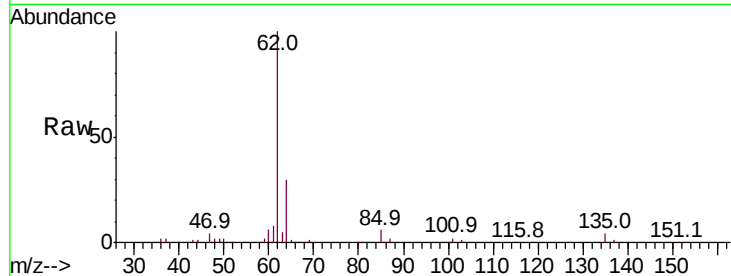
64 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#6

Bromomethane

Concen: 9.398 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL038221.D

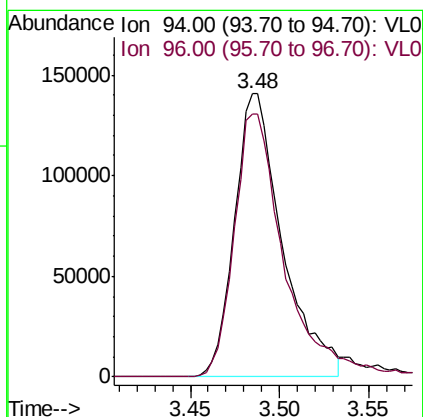
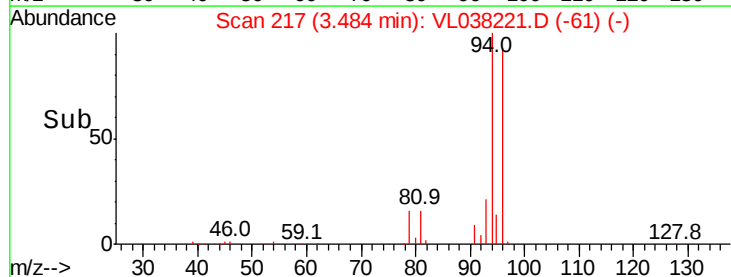
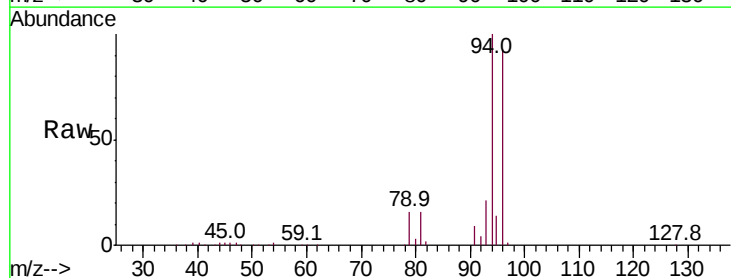
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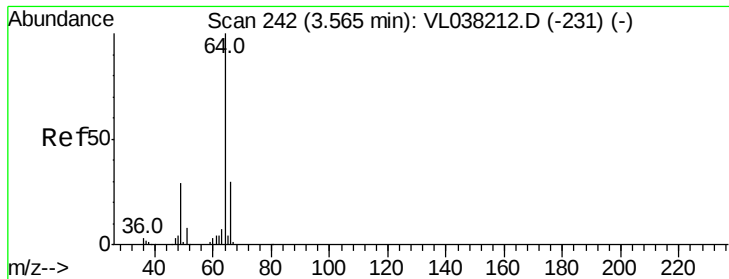
Tgt Ion: 94 Resp: 263221

Ion Ratio Lower Upper

94 100

96 92.8 72.2 108.2





#7

Chloroethane

Concen: 9.106 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

64 100

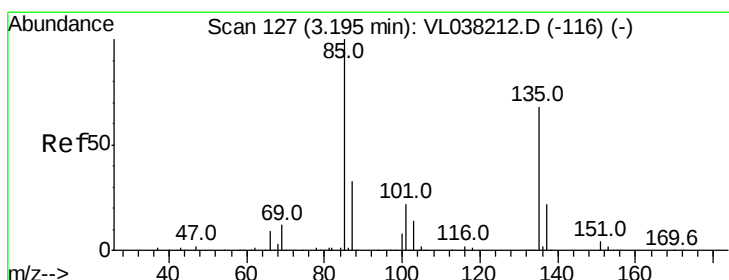
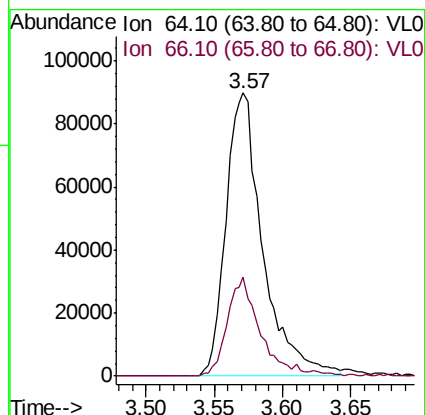
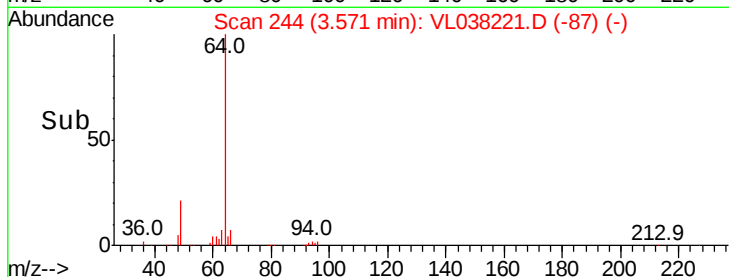
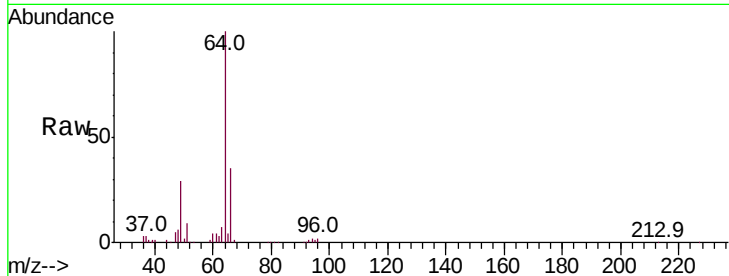
66 35.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 8.629 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.00 min

Lab File: VL038221.D

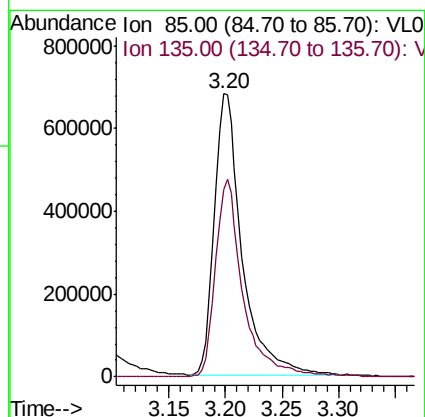
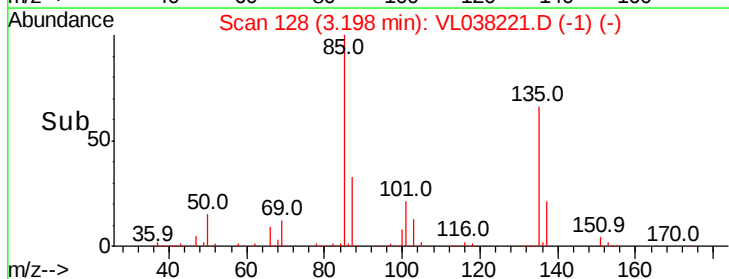
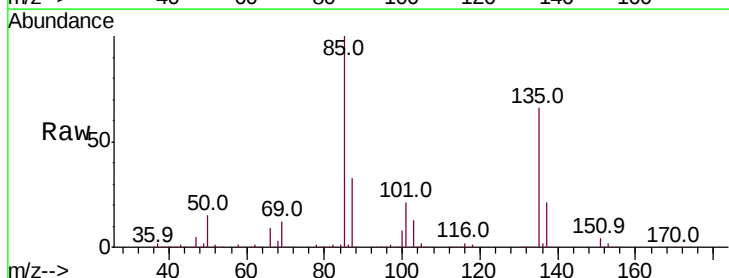
Acq: 21 Dec 2021 19:39

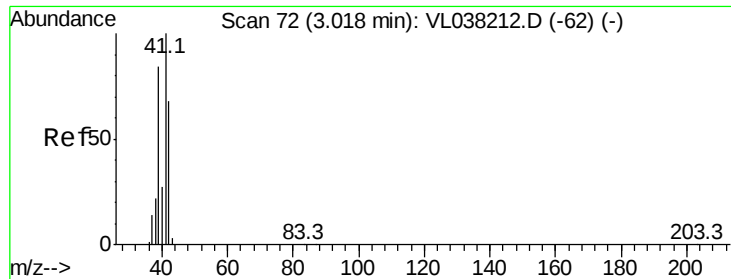
Tgt Ion: 85 Resp: 1158171

Ion Ratio Lower Upper

85 100

135 70.4 57.7 86.5





#9

Propene

Concen: 8.306 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39

Tot Ion:

Ion Ratio

41 100

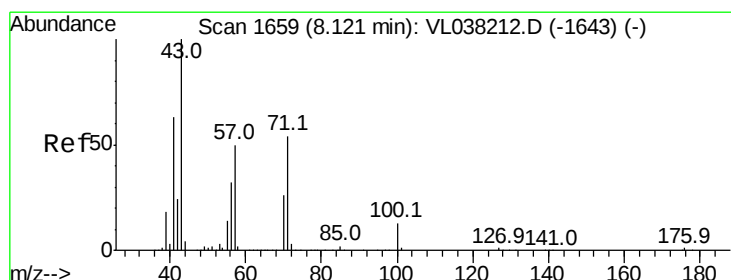
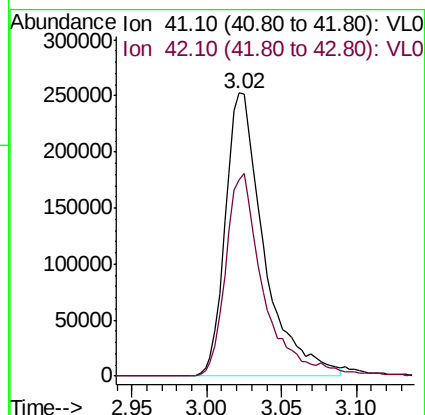
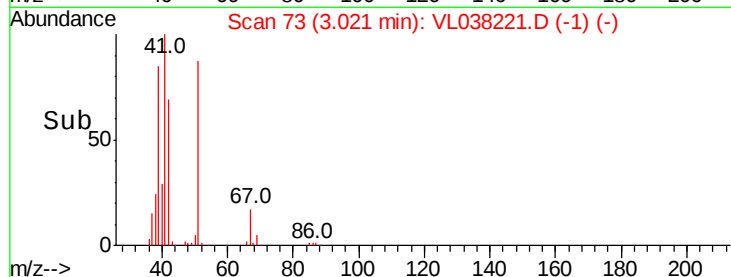
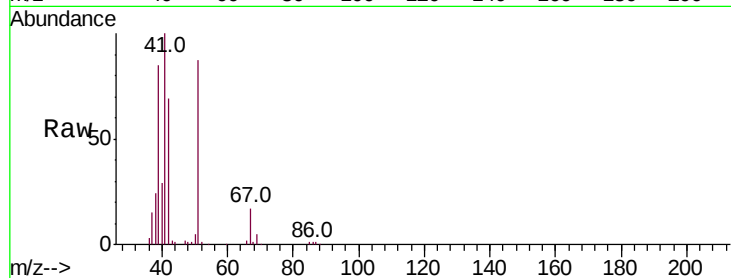
42 70.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#10

Heptane

Concen: 8.499 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VL038221.D

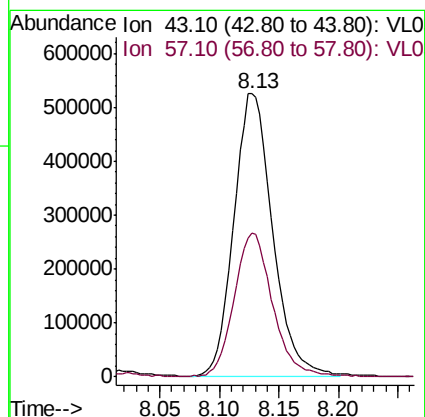
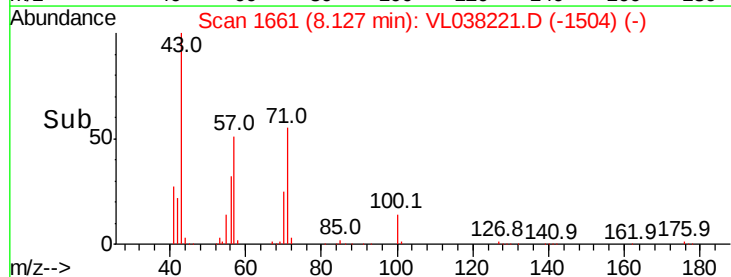
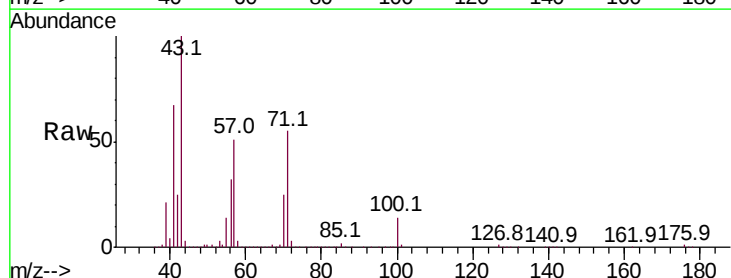
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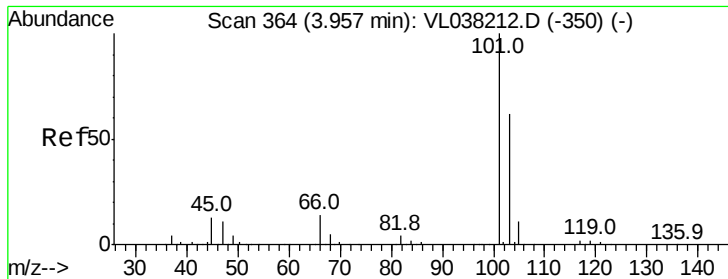
Tgt Ion: 43 Resp: 1180522

Ion Ratio Lower Upper

43 100

57 50.6 40.3 60.5



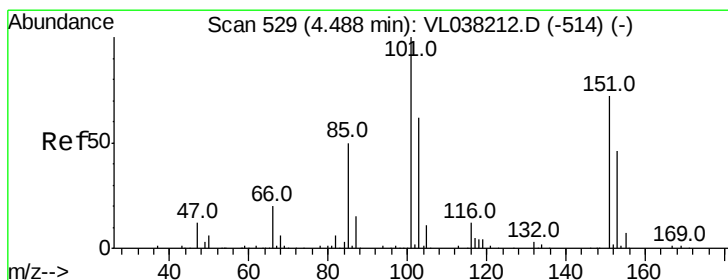
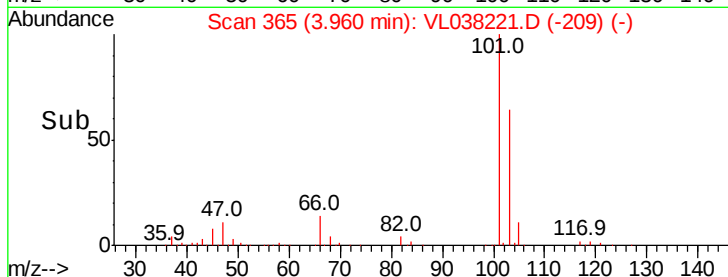
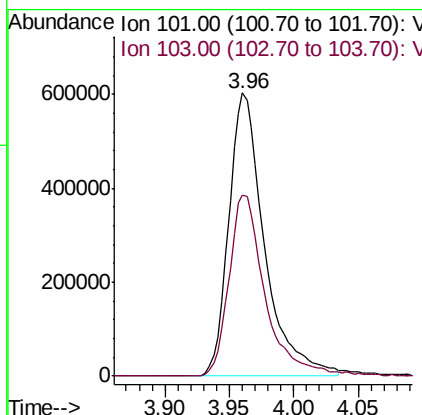
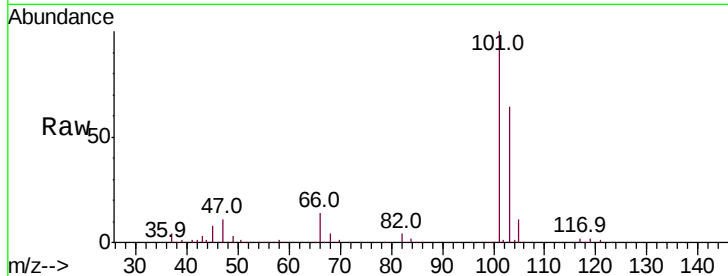


#11
 Trichlorofluoromethane
 Concen: 8.938 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion:1
 Ion Rati
 101 100
 103 64.

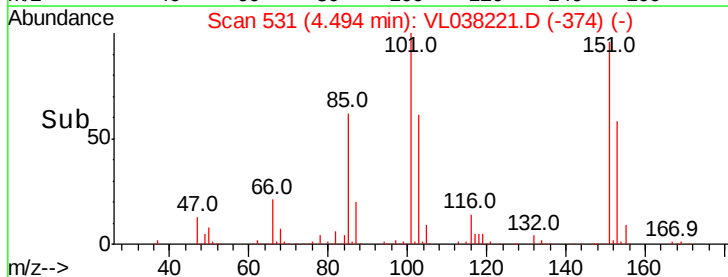
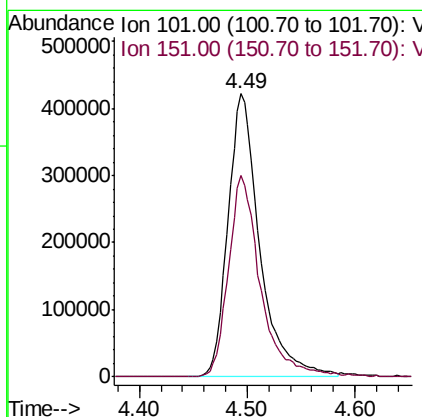
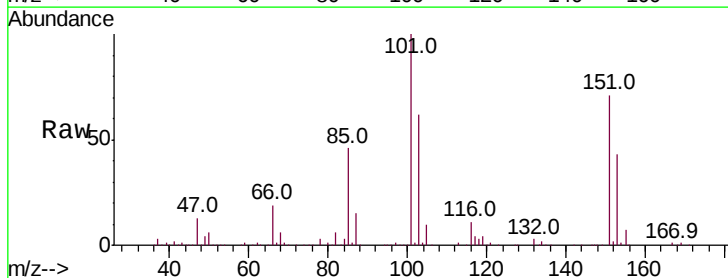
Manual Integrations
 APPROVED

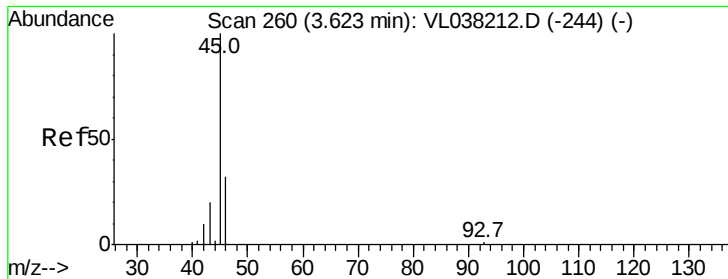
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.840 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion:101 Resp: 867205
 Ion Ratio Lower Upper
 101 100
 151 72.1 58.6 87.8



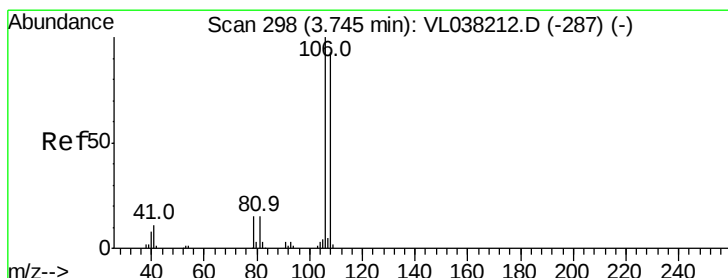
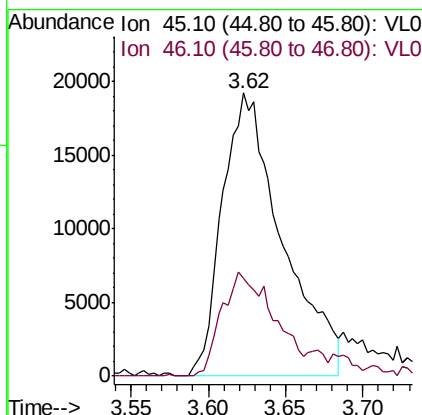
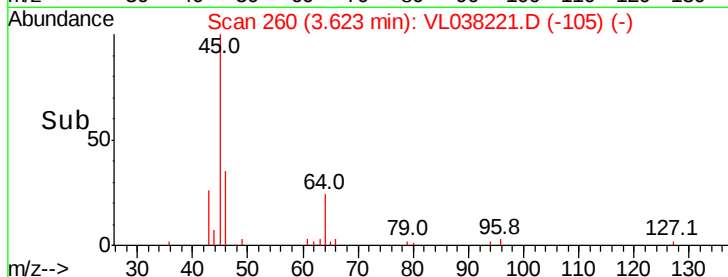
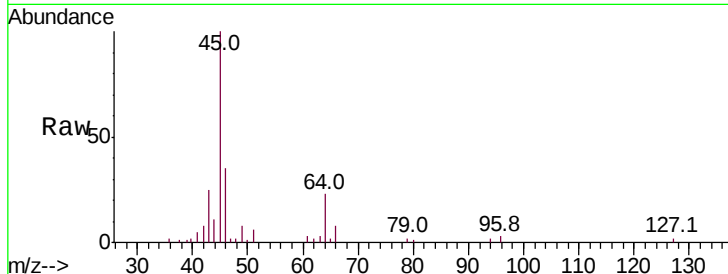


#13
Ethanol
Concen: 5.588 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
45 100
46 40.

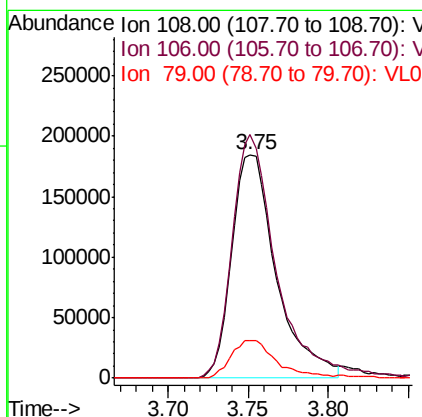
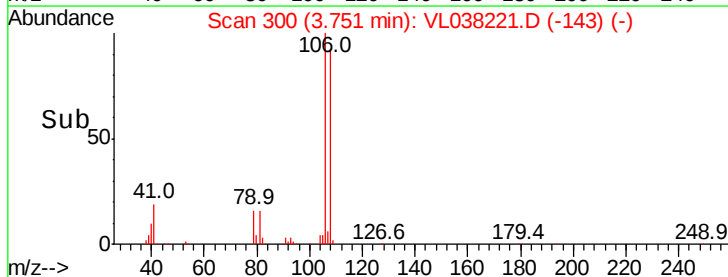
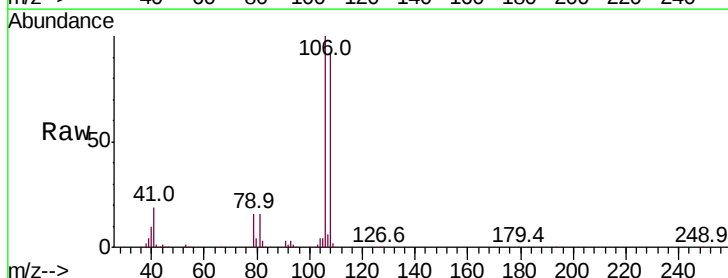
Manual Integrations
APPROVED

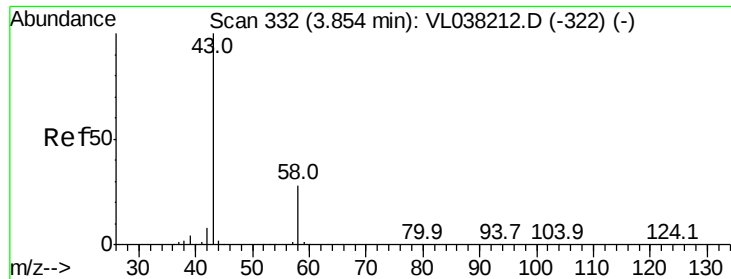
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#14
Bromoethene
Concen: 8.993 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion:108 Resp: 351472
Ion Ratio Lower Upper
108 100
106 109.8 88.2 132.2
79 18.1 13.7 20.5





#15

Acetone

Concen: 7.979 ppbv

RT: 3.86

Delta R.T.

Lab File:

Acq: 21 Dec 2021 19:39

Instrument :

MSVOA_L

ClientSampleId :

VL1221ABS01

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

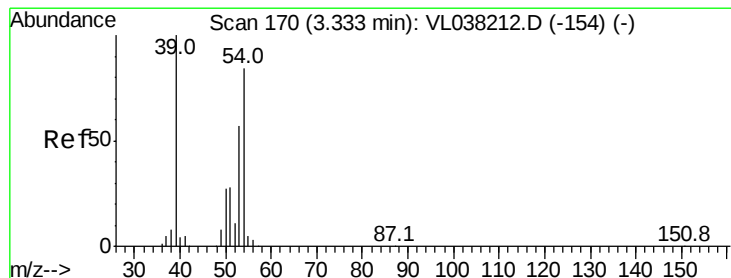
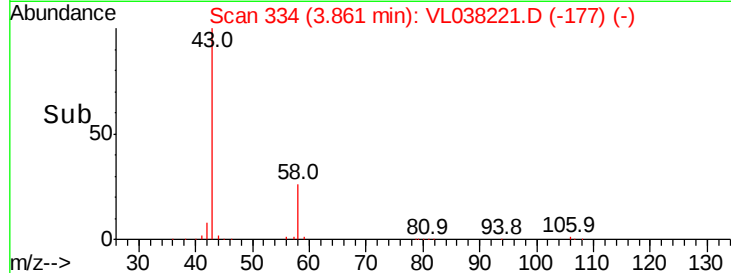
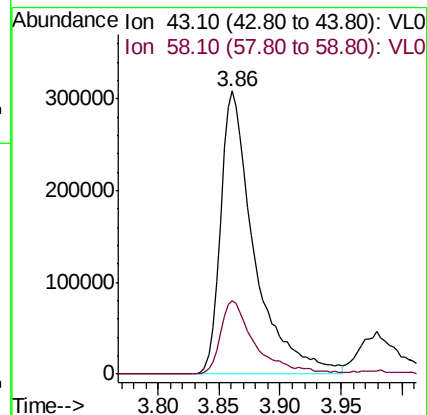
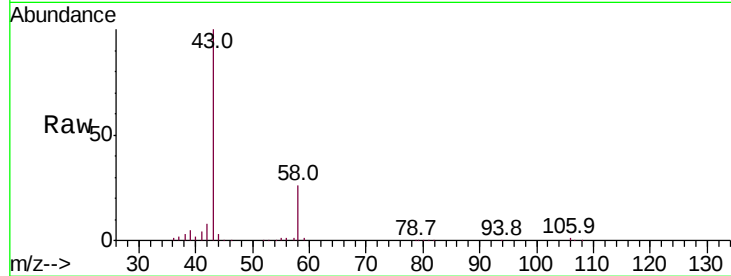
Supervised By :Mahesh Dadoda 12/29/2021

Tot Ion:

Ion Ratio

43 100

58 26.



#16

1,3-Butadiene

Concen: 8.799 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038221.D

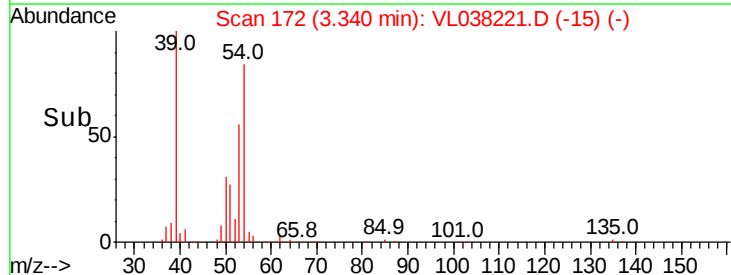
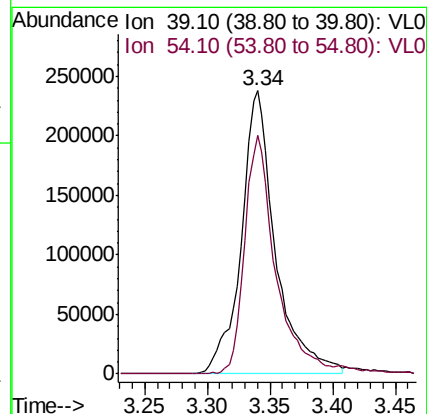
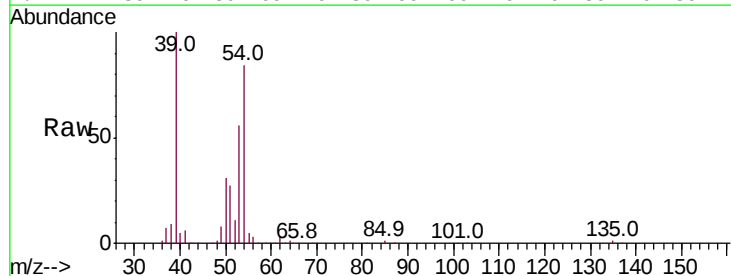
Acq: 21 Dec 2021 19:39

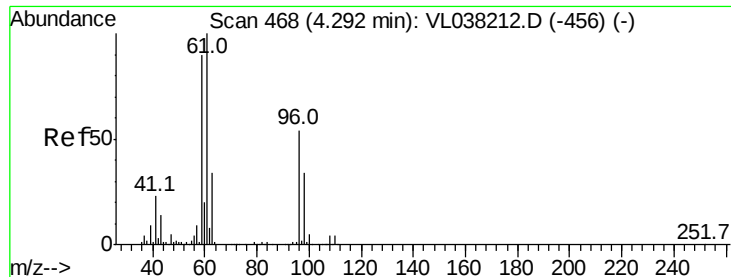
Tgt Ion: 39 Resp: 451513

Ion Ratio Lower Upper

39 100

54 78.3 62.9 94.3





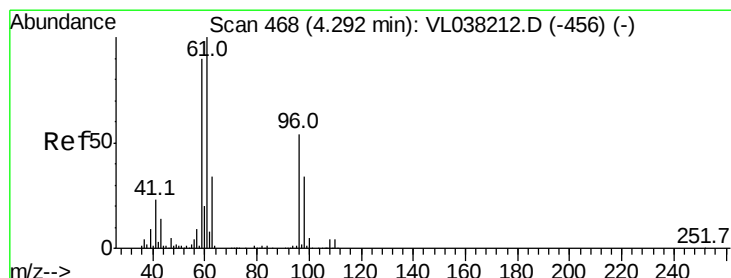
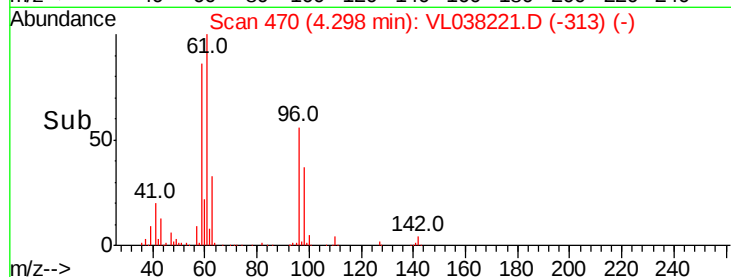
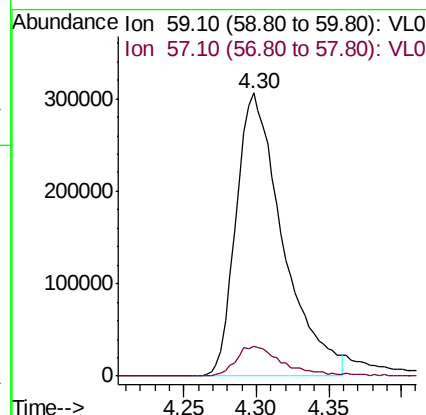
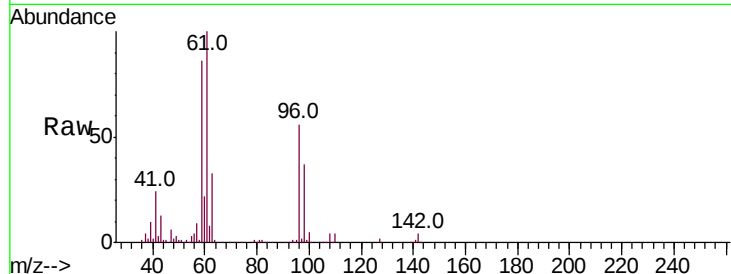
#17

tert-Butyl alcohol
Concen: 8.277 ppbv
RT: 4.30 min
Delta R.T. 0.01 min
Lab File: VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
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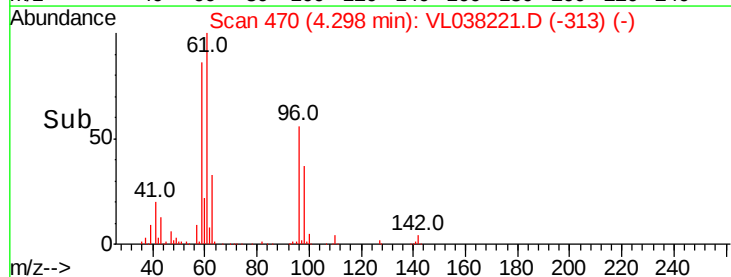
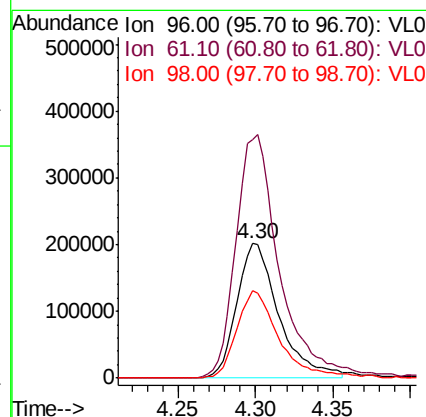
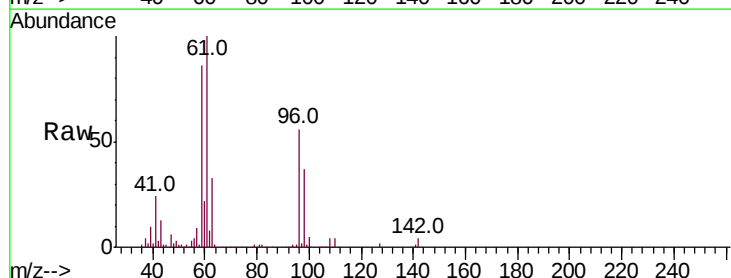
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

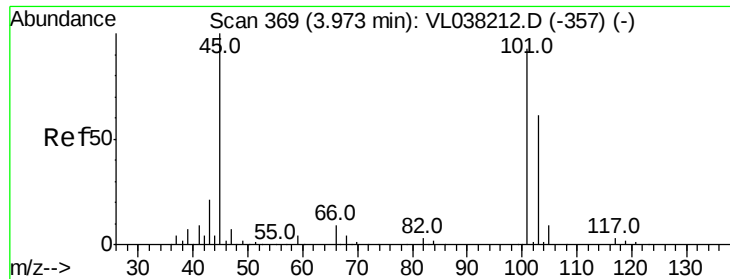


#18

1,1-Dichloroethene
Concen: 8.861 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 96 Resp: 380674
Ion Ratio Lower Upper
96 100
61 177.3 147.4 221.0
98 65.2 50.7 76.1





#19

Isopropyl Alcohol

Concen: 7.841 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File:

Acq: 21 Dec 2021 19:39

ClientSampleId :

VL1221ABS01

Tot Ion:

Ion Ratio

45 100

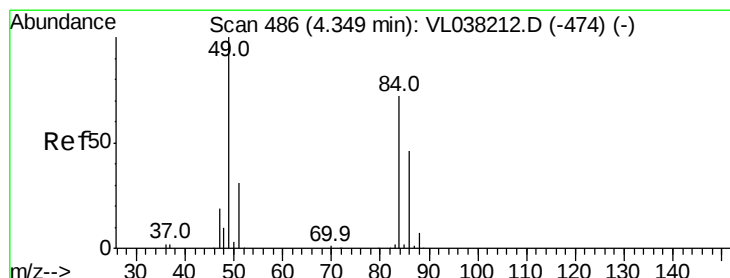
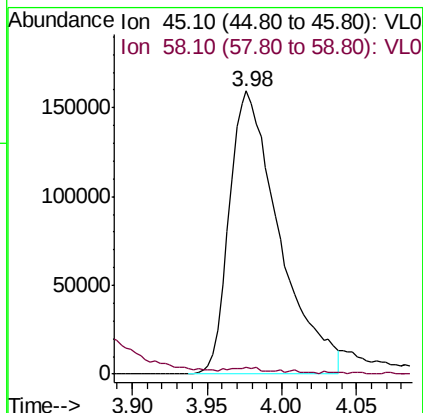
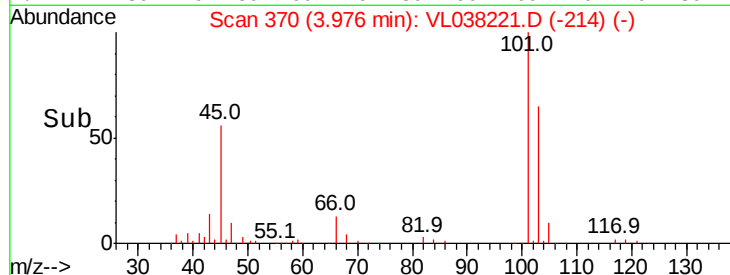
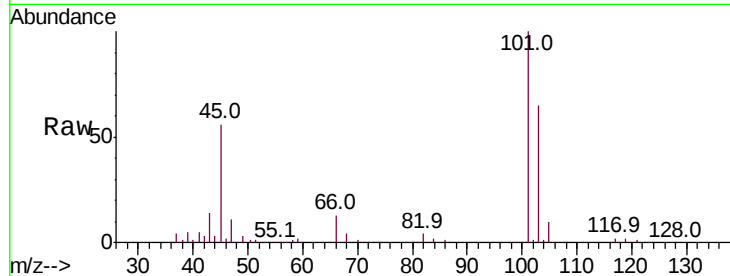
58 2.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 7.246 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

Tgt Ion: 84 Resp: 308146

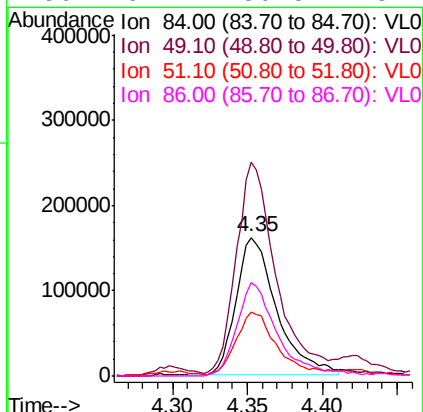
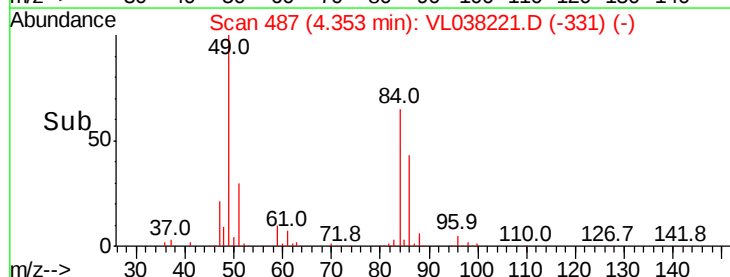
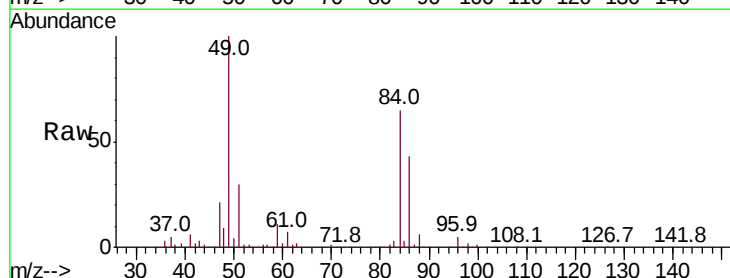
Ion Ratio Lower Upper

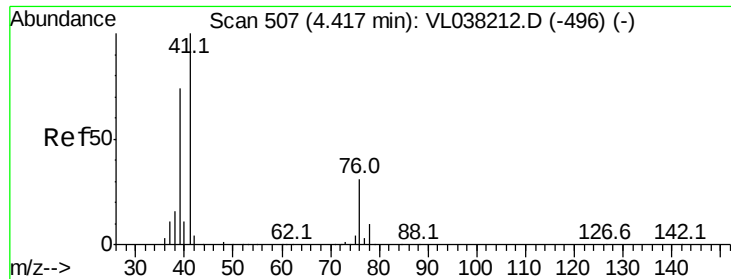
84 100

49 151.5 110.6 166.0

51 44.4 34.2 51.2

86 67.2 50.5 75.7





#21

Allvl Chloride

Concen: 8.854 ppbv

RT: 4.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VL1221ABS01

Acq: 21 Dec 2021 19:39

Tot Ion:

Ion Ratio

41 100

76 31.

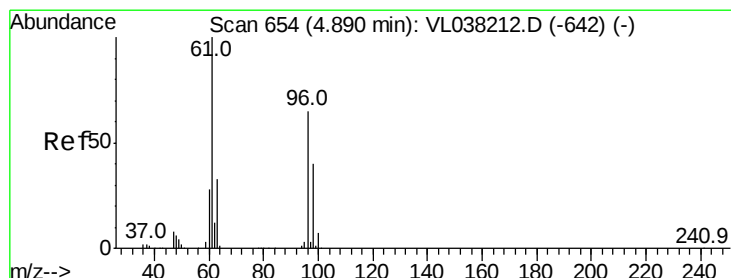
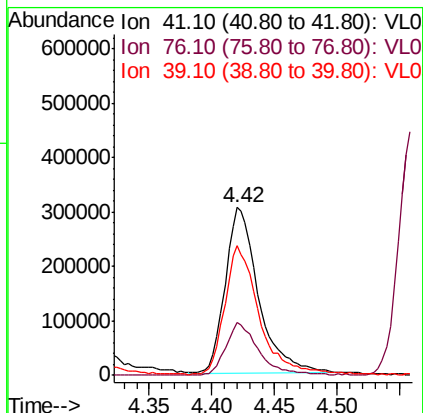
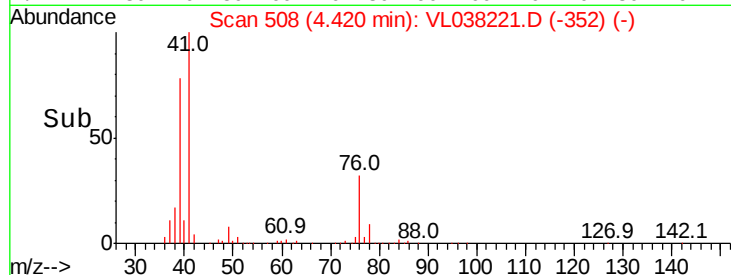
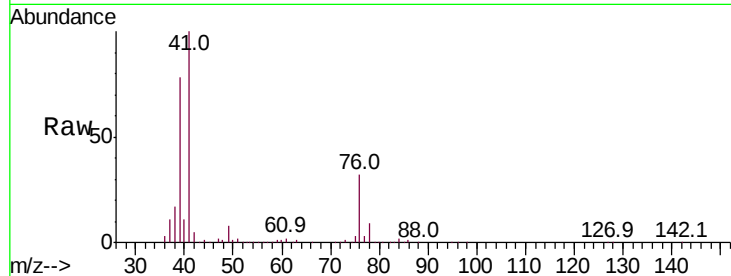
39 80.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#22

trans-1,2-Dichloroethene

Concen: 9.367 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.00 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

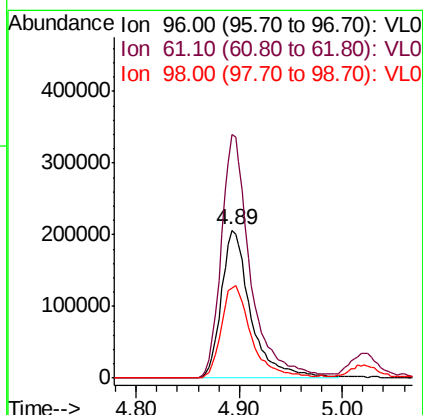
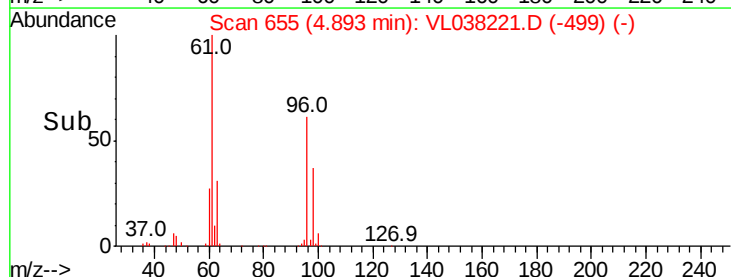
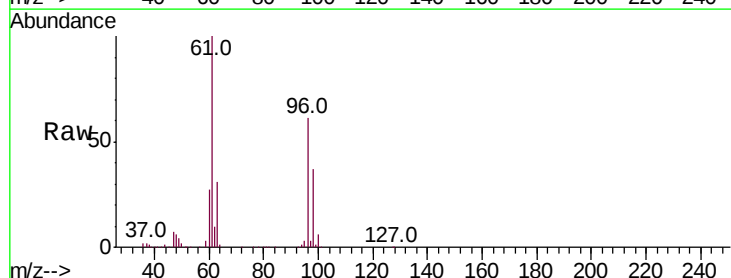
Tgt Ion: 96 Resp: 410593

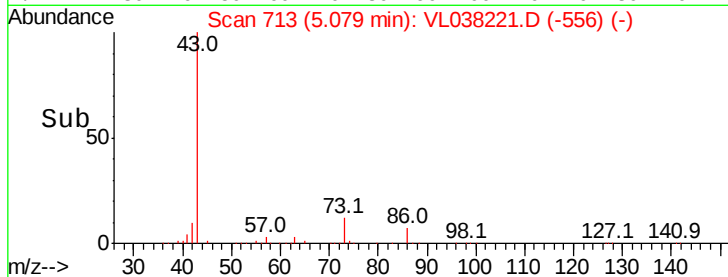
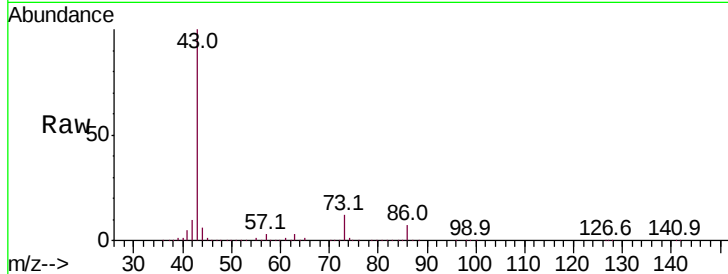
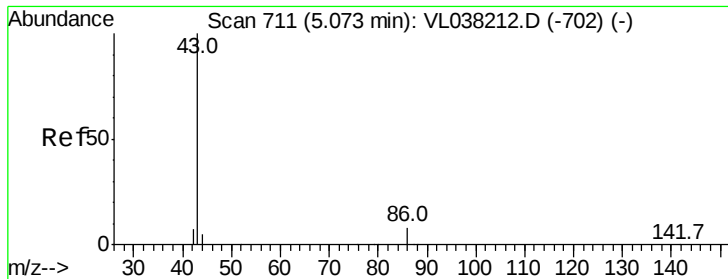
Ion Ratio Lower Upper

96 100

61 164.9 123.5 185.3

98 61.0 50.0 75.0



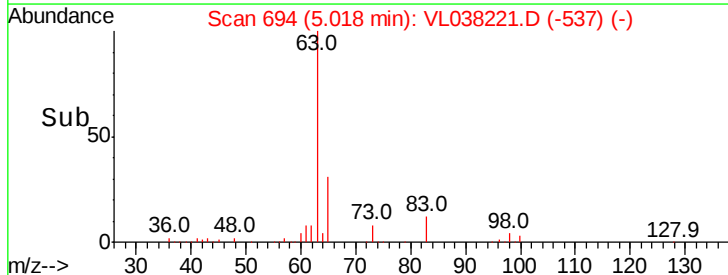
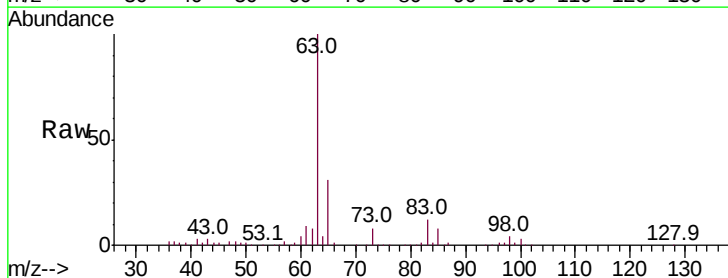
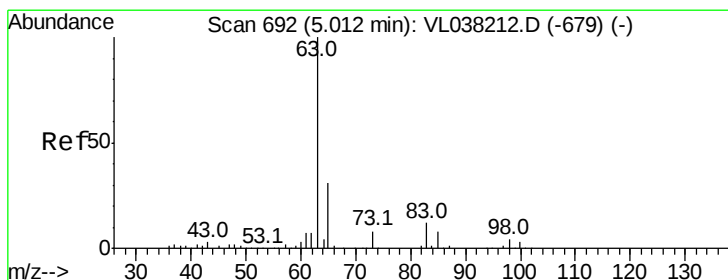
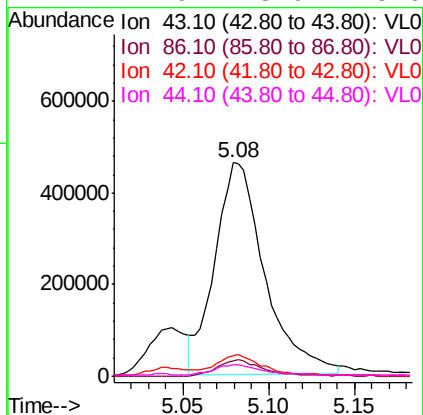


#23
Vinvl Acetate
Concen: 9.212 ppbv
RT: 5.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
43 100
86 7.
42 9.
44 4.9 3.9 5.9

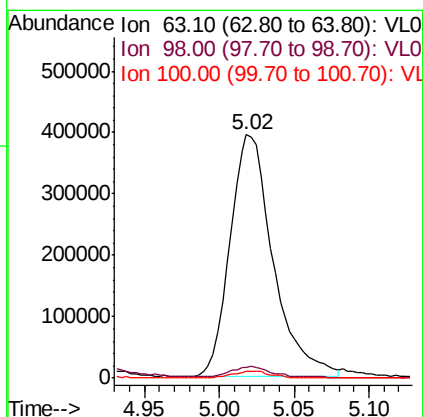
Manual Integrations
APPROVED

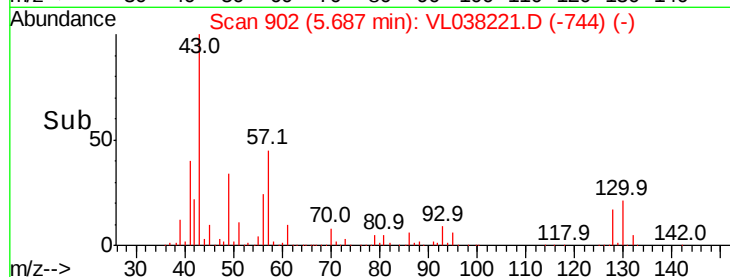
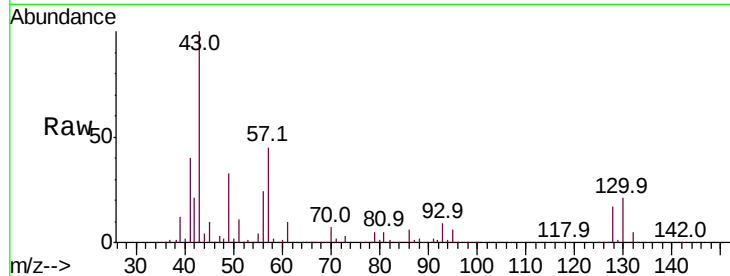
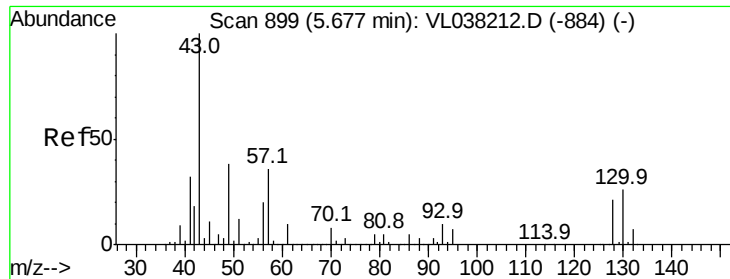
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#24
1,1-Dichloroethane
Concen: 8.668 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 63 Resp: 790607
Ion Ratio Lower Upper
63 100
98 4.0 2.2 6.6
100 2.8 1.5 4.4



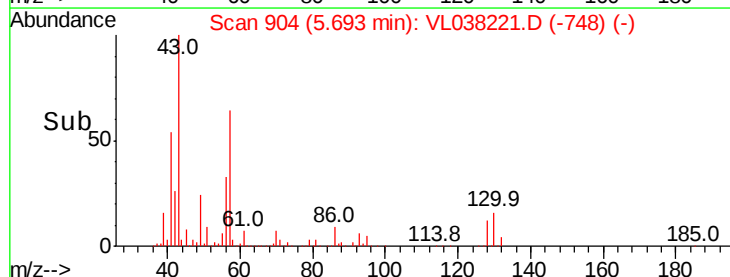
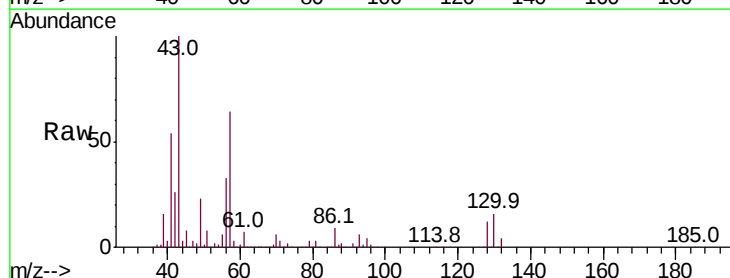
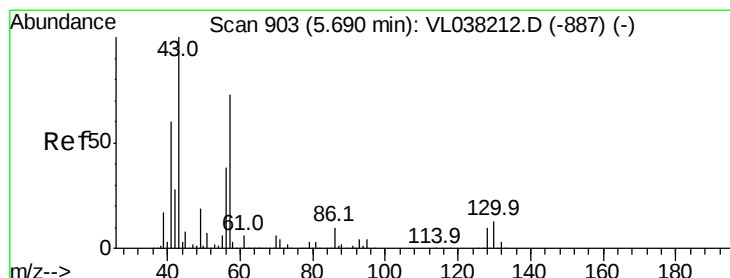
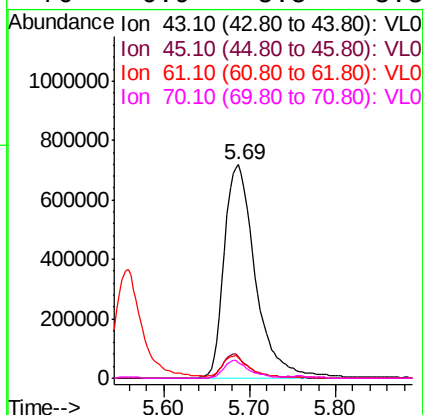


#25
Ethyl Acetate
Concen: 8.844 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.9 5.5 8.3

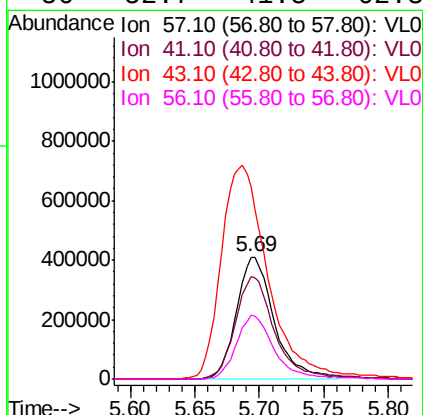
Manual Integrations
APPROVED

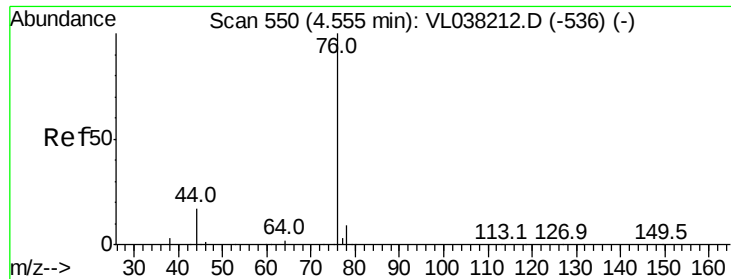
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 8.172 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 57 Resp: 836680
Ion Ratio Lower Upper
57 100
41 88.3 69.0 103.6
43 217.1 171.2 256.8
56 52.7 41.5 62.3





#27

Carbon Disulfide

Concen: 9.985 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

76 100

44 17.

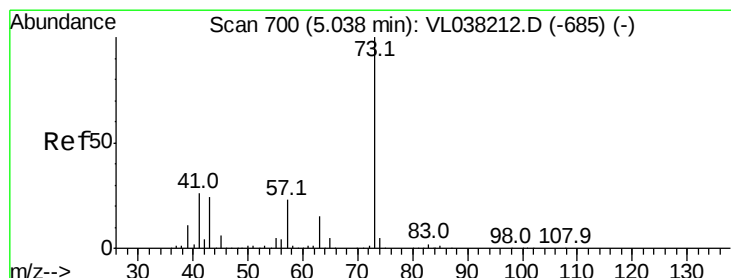
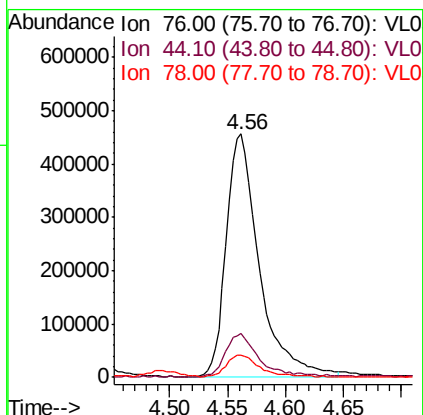
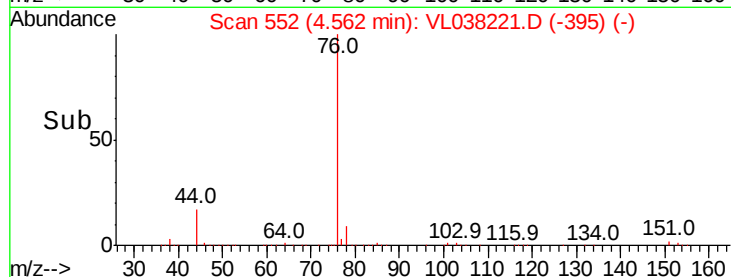
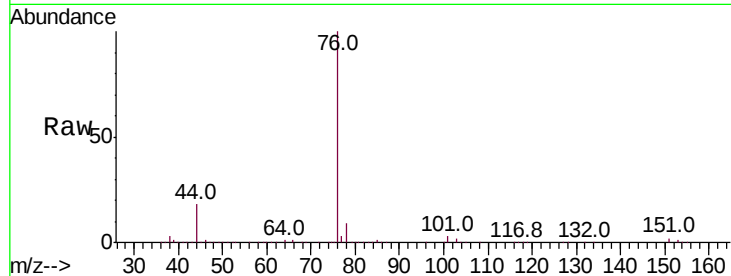
78 9.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#28

Methyl tert-Butyl Ether

Concen: 8.556 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL038221.D

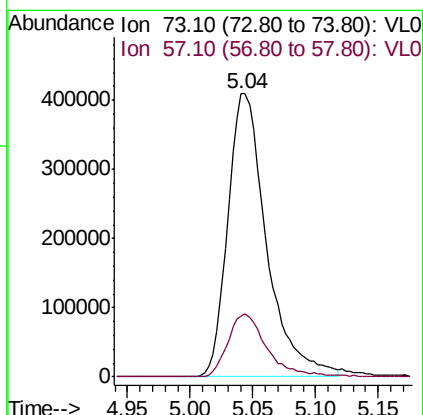
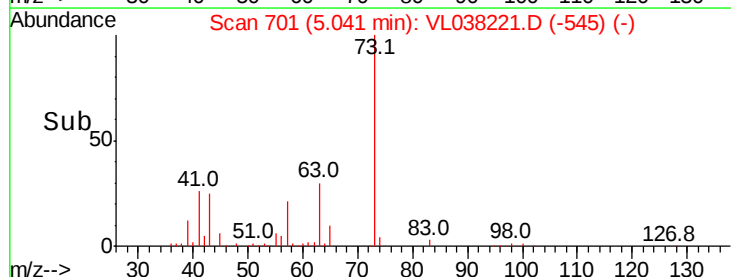
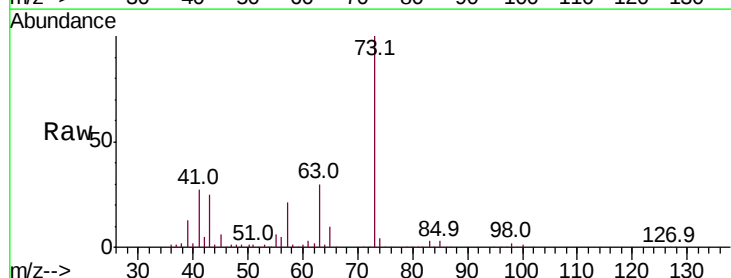
Acq: 21 Dec 2021 19:39

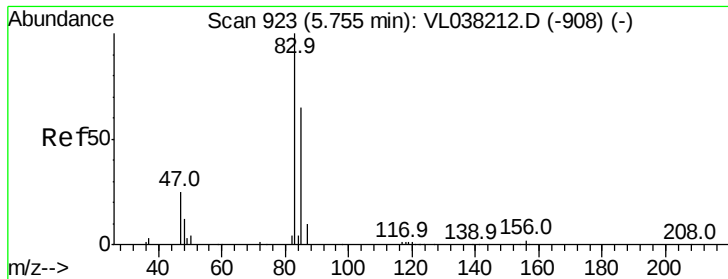
Tgt Ion: 73 Resp: 880286

Ion Ratio Lower Upper

73 100

57 22.9 18.8 28.2



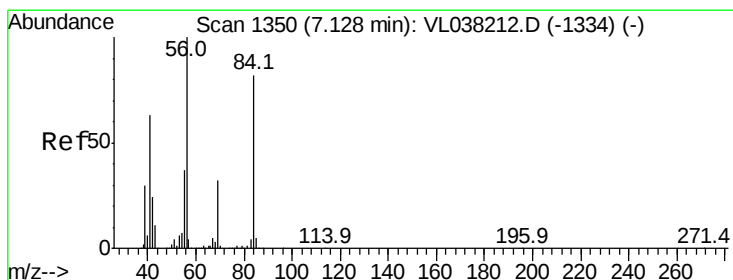
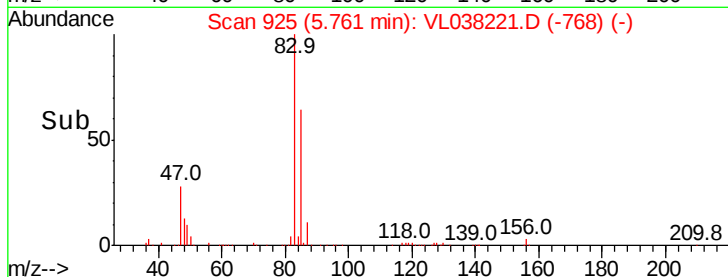
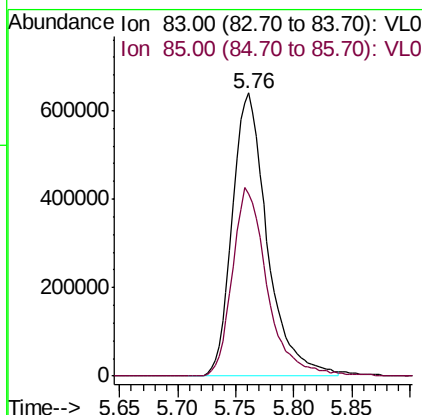
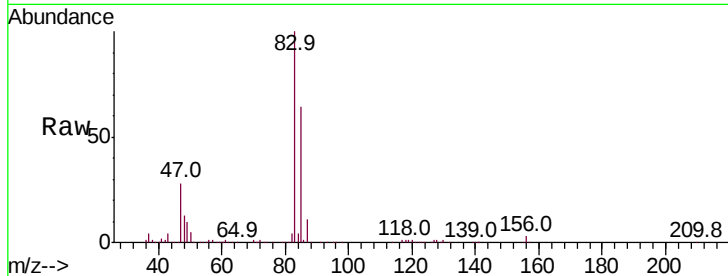


#29
Chloroform
Concen: 8.833 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
83 100
85 64.

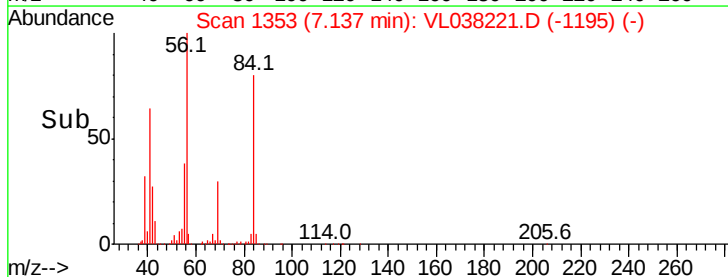
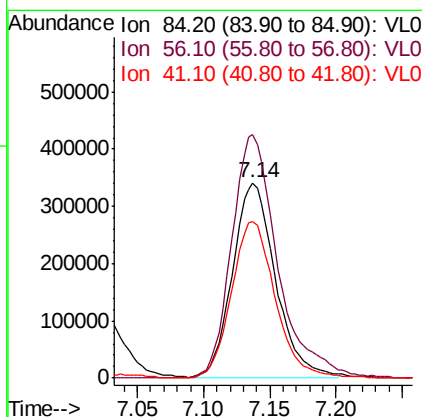
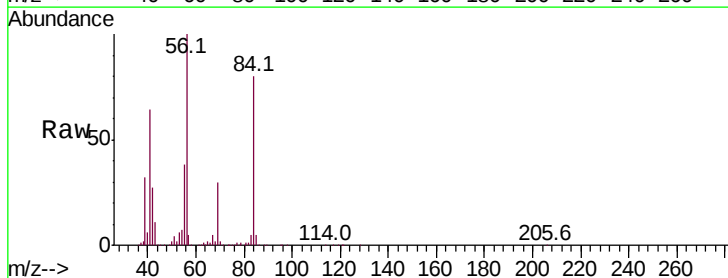
Manual Integrations
APPROVED

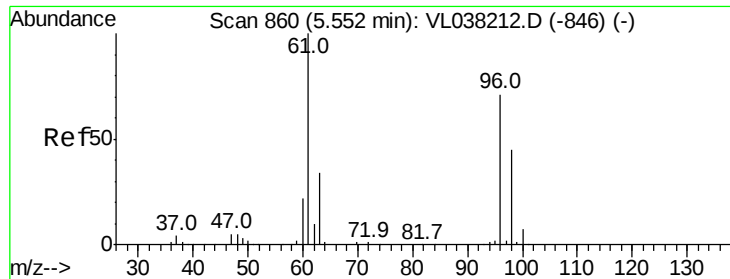
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 8.509 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 84 Resp: 771585
Ion Ratio Lower Upper
84 100
56 134.0 105.2 157.8
41 81.3 63.2 94.8



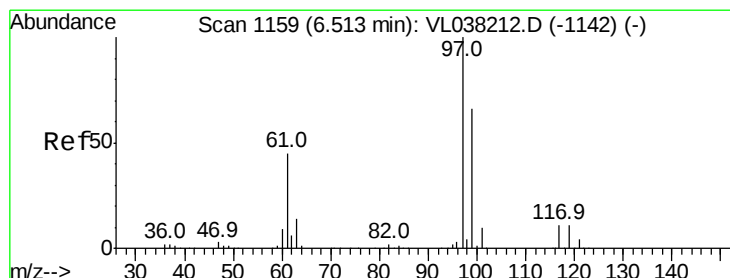
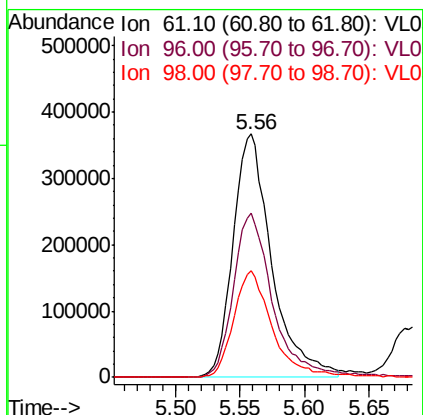
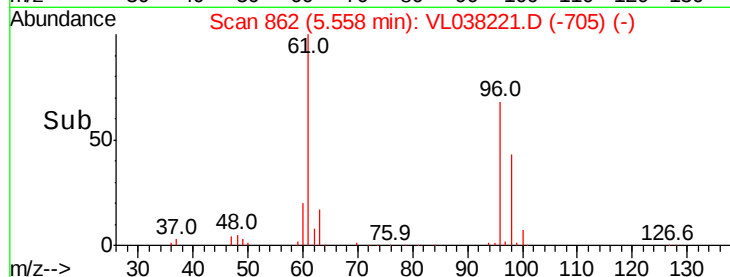
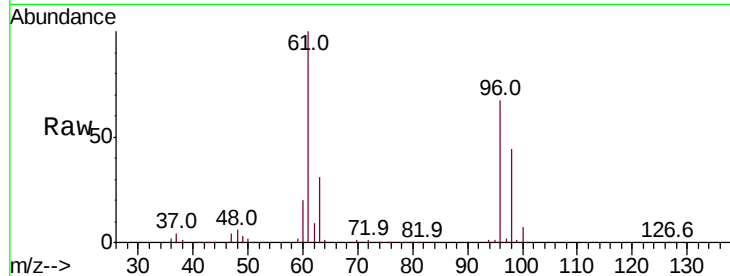


#31
 cis-1,2-Dichloroethene
 Concen: 9.553 ppbv
 RT: 5.56
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion:
 Ion Ratio
 61 100
 96 67.
 98 43.

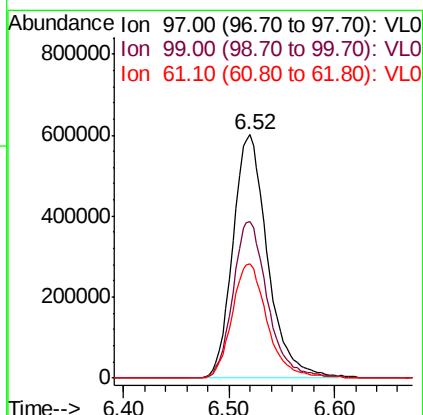
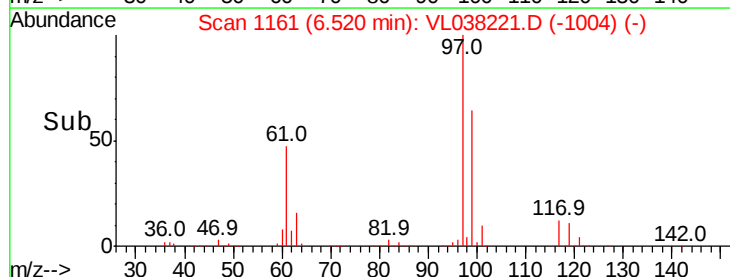
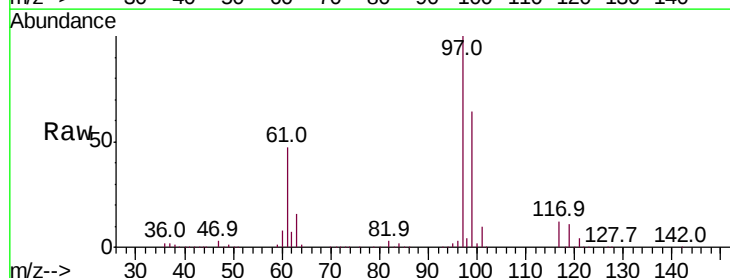
Manual Integrations
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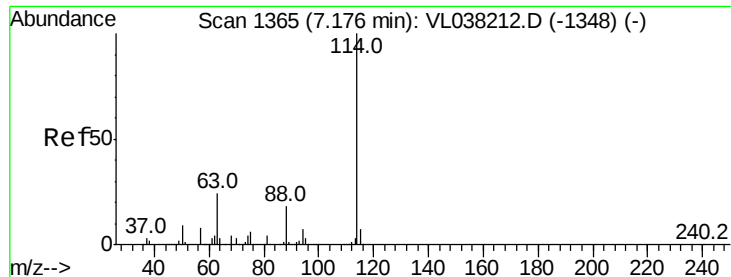
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#32
 1,1,1-Trichloroethane
 Concen: 9.100 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion: 97 Resp: 1371776
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.4 78.6
 61 47.8 37.2 55.8



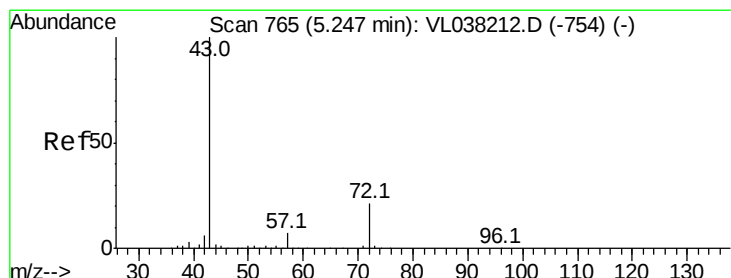
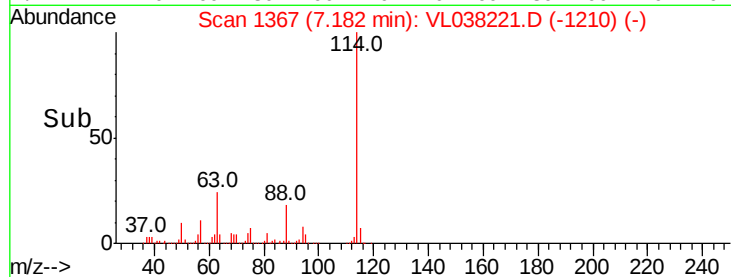
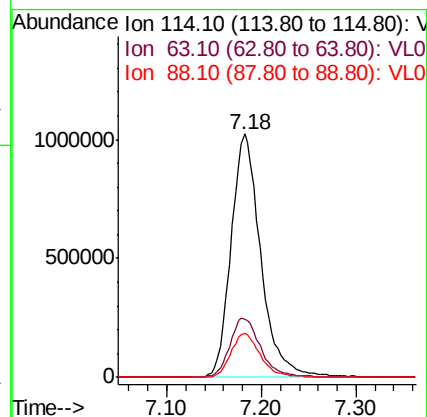
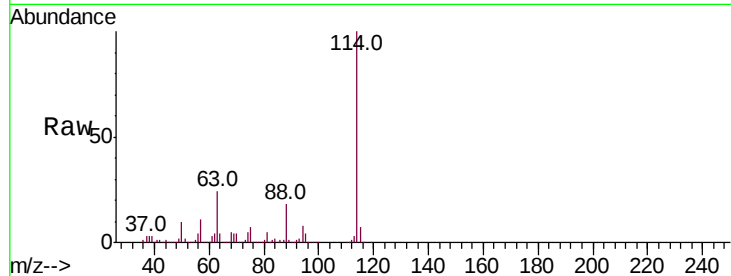


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

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

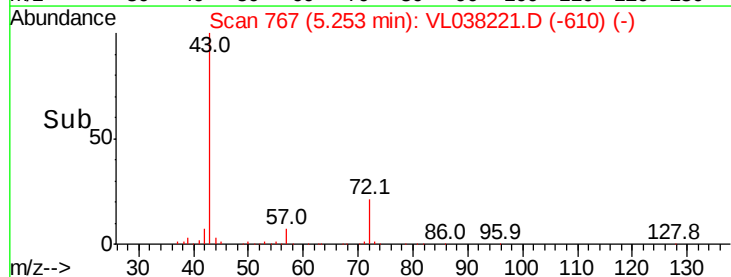
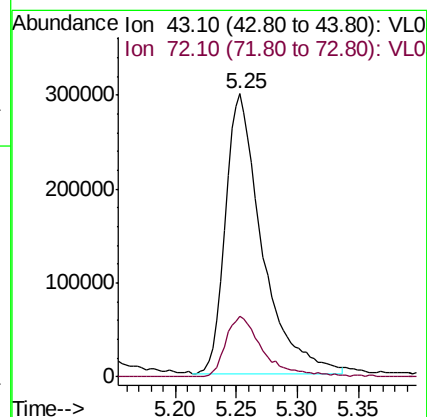
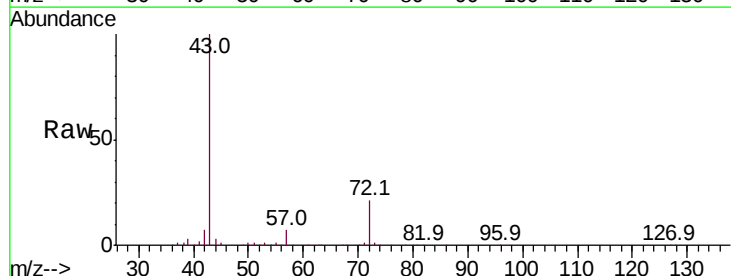
Manual Integrations
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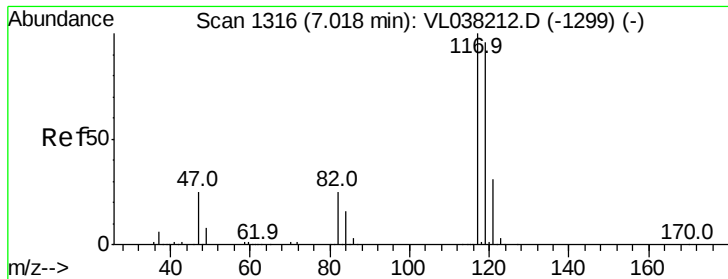
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#34
 2-Butanone
 Concen: 9.385 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion: 43 Resp: 629342
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.3 27.5



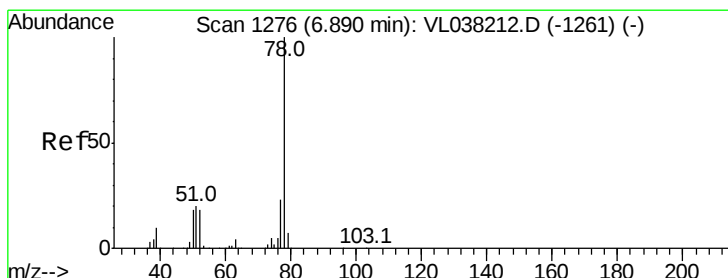
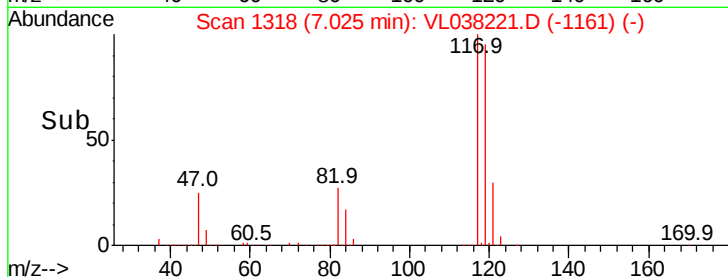
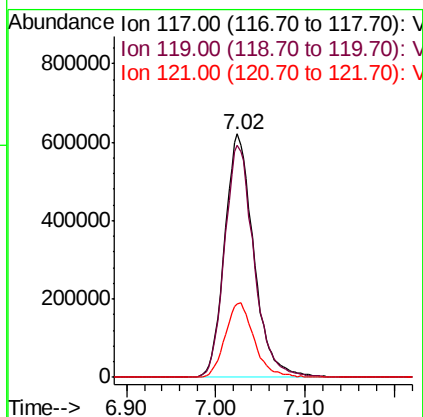
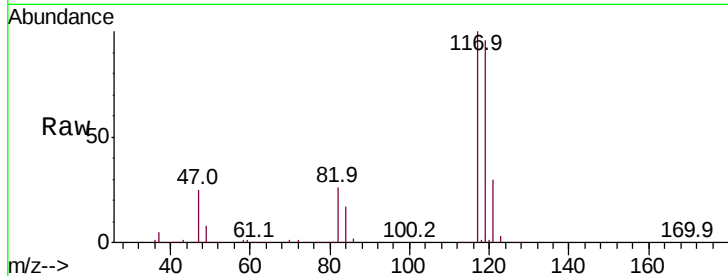


#35
Carbon Tetrachloride
Concen: 10.190 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:1
Ion Rati
117 100
119 95.
121 30.

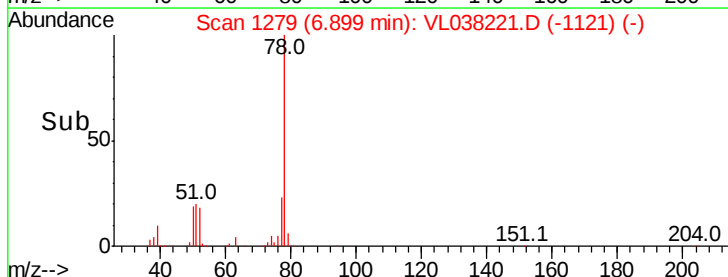
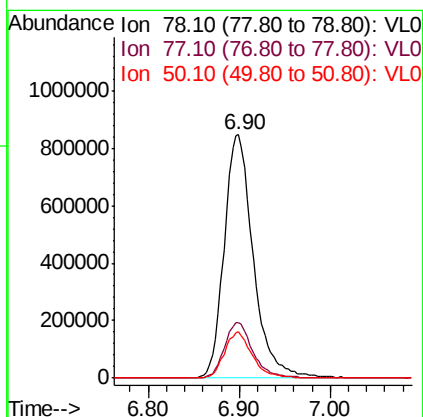
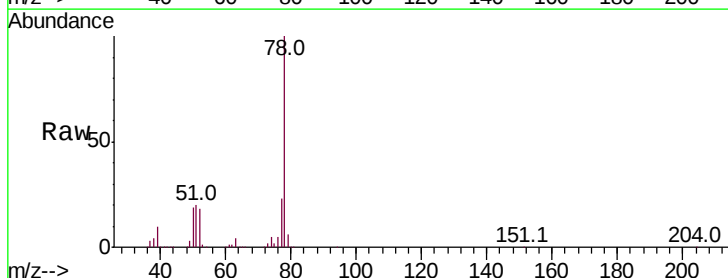
Manual Integrations
APPROVED

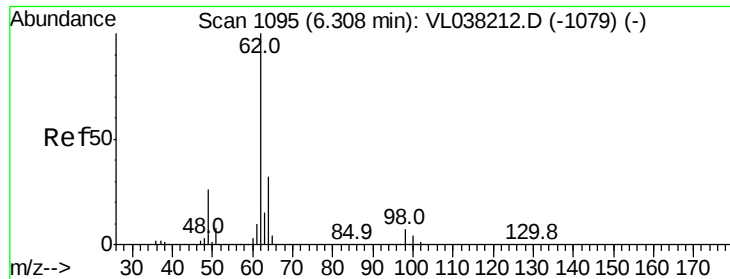
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#36
Benzene
Concen: 9.038 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 78 Resp: 1880784
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.4
50 19.0 14.3 21.5





#37

1,2-Dichloroethane

Concen: 9.854 ppbv

RT: 6.31

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL1221ABS01

Acq: 21 Dec 2021 19:39

Tot Ion:

Ion Ratio

62 100

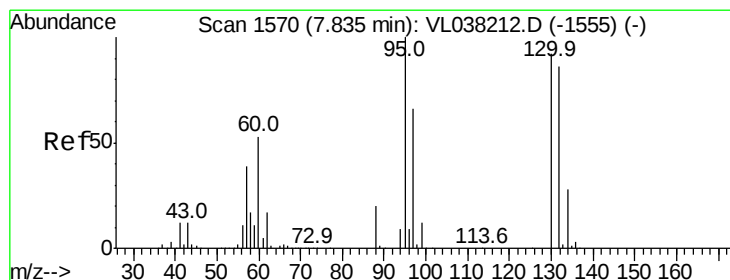
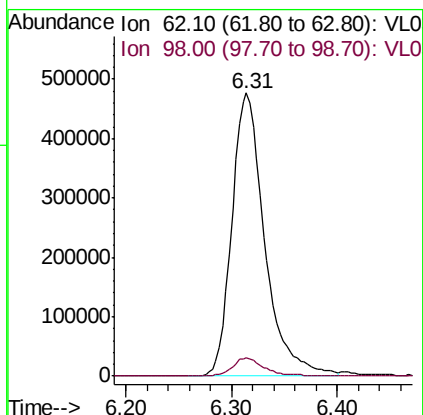
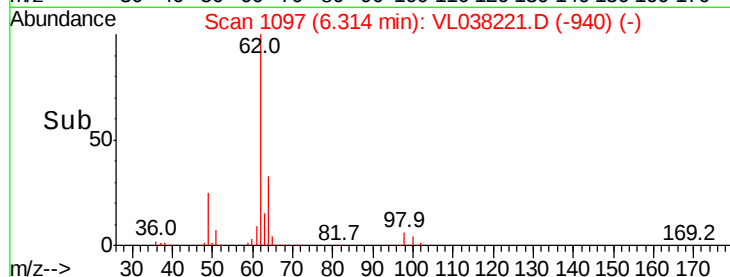
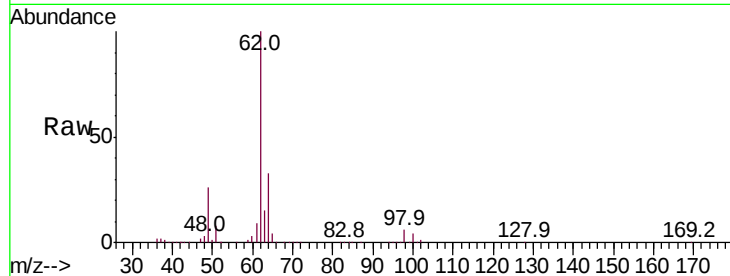
98 6.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#38

Trichloroethene

Concen: 8.512 ppbv

RT: 7.84 min Scan# 1572

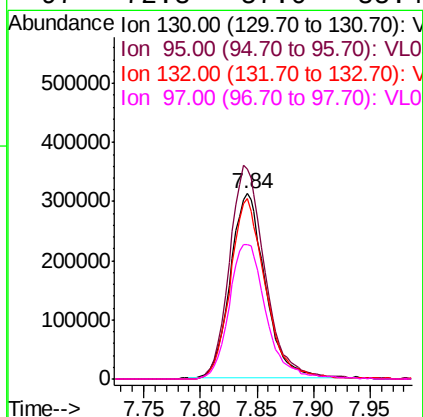
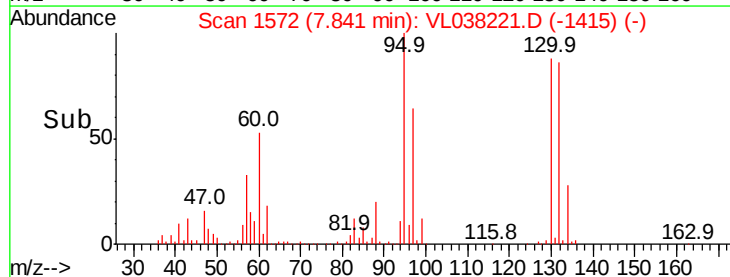
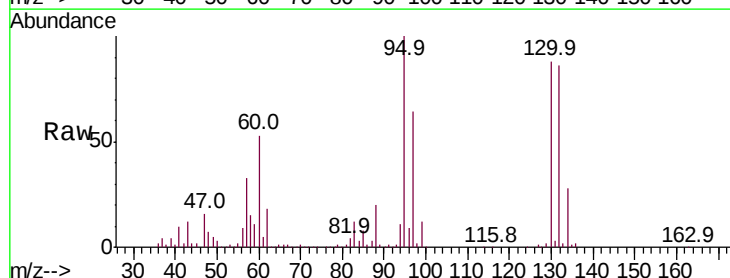
Delta R.T. 0.01 min

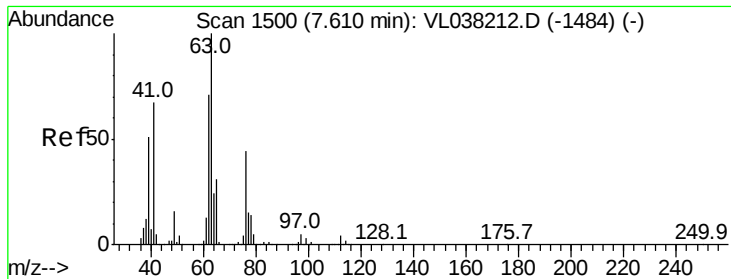
Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

Tgt Ion:130 Resp: 674100

Ion	Ratio	Lower	Upper
130	100		
95	113.5	87.0	130.4
132	97.8	75.1	112.7
97	72.8	57.0	85.4





#39

1,2-Dichloropropane

Concen: 9.075 ppbv

RT: 7.62 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

63 100

41 69.

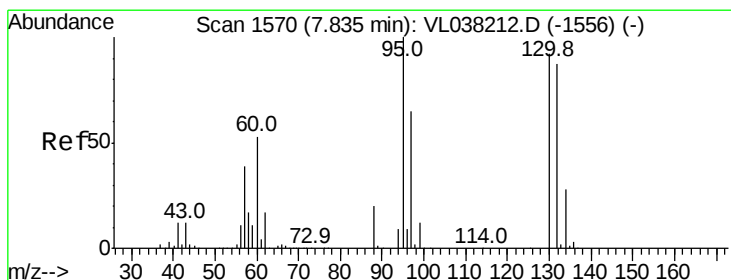
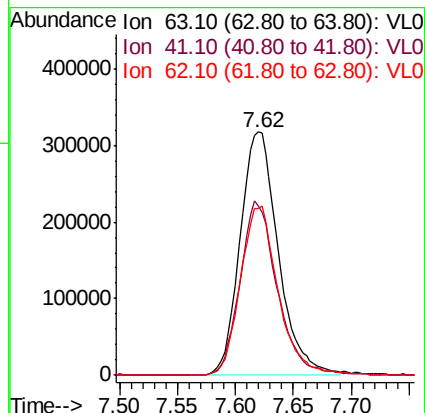
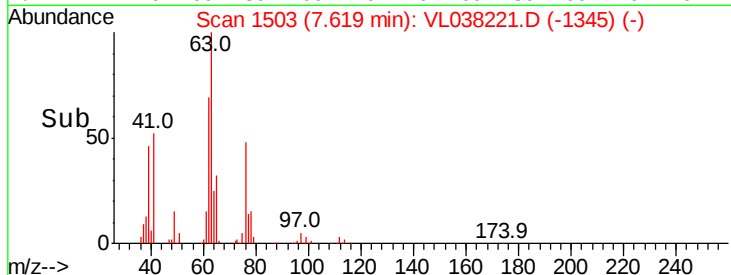
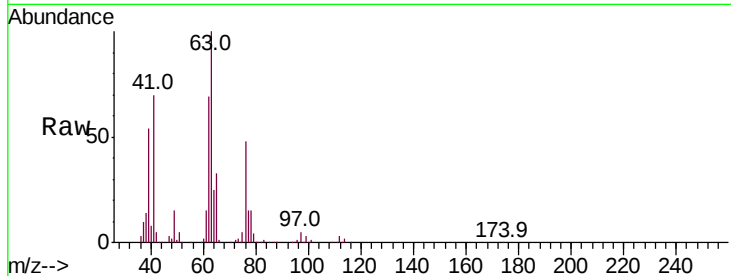
62 68.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#40

1,4-Dioxane

Concen: 7.719 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

Tgt Ion: 88 Resp: 179834

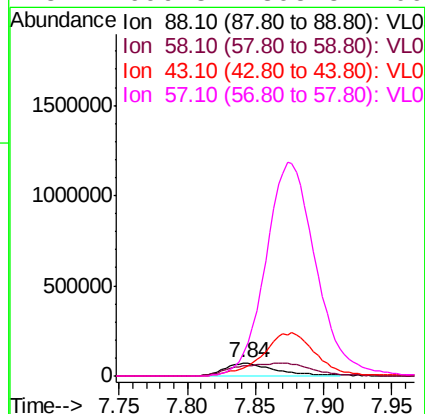
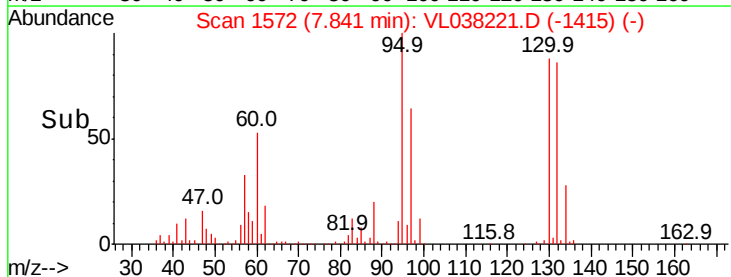
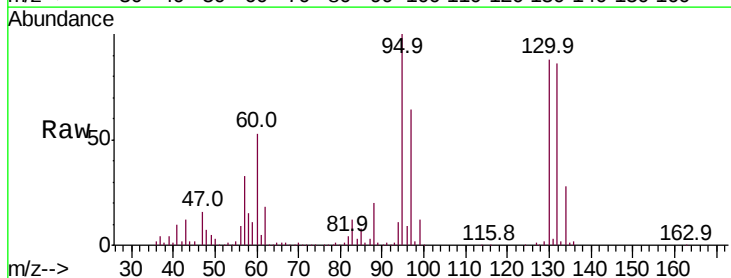
Ion Ratio Lower Upper

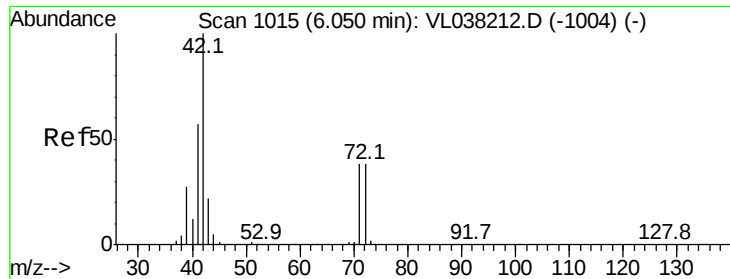
88 100

58 154.8 127.8 191.8

43 369.8 301.0 451.6

57 1696.8 1395.5 2093.3



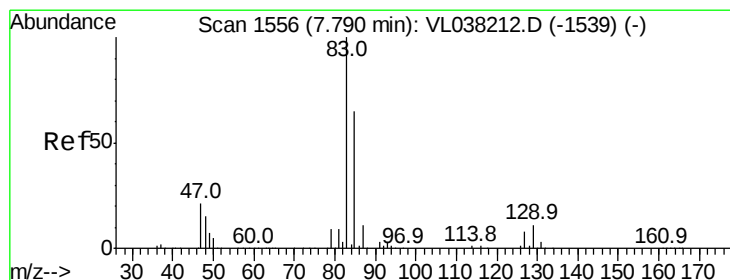
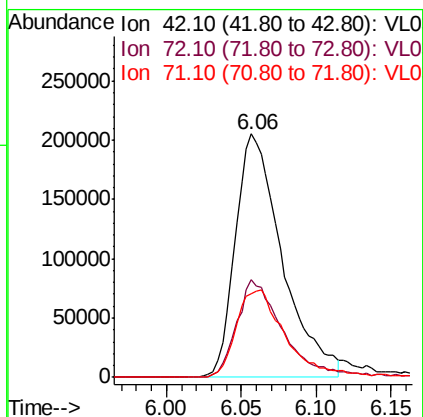
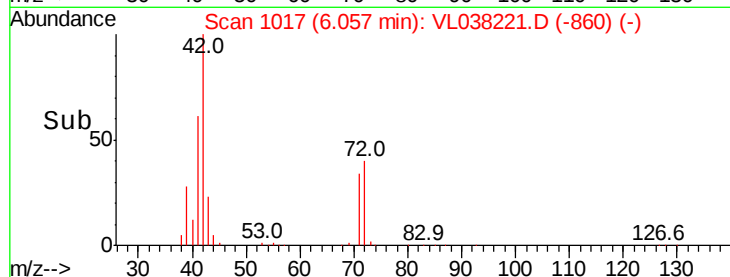
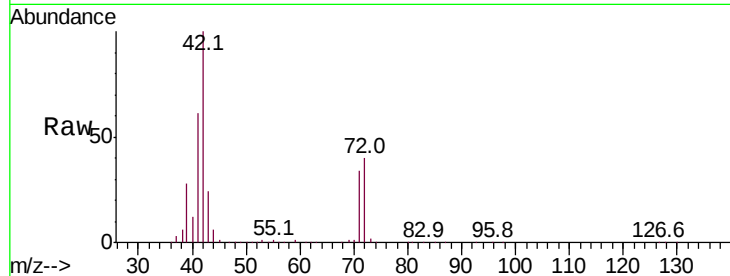


#41
Tetrahydrofuran
Concen: 9.097 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
42 100
72 40.
71 38.

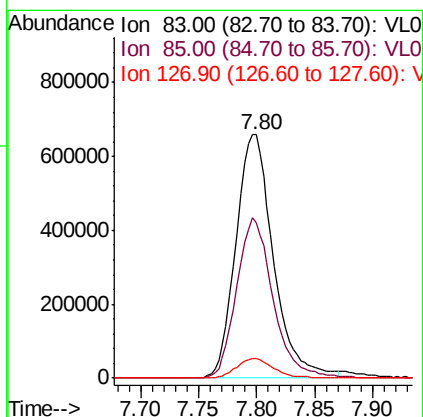
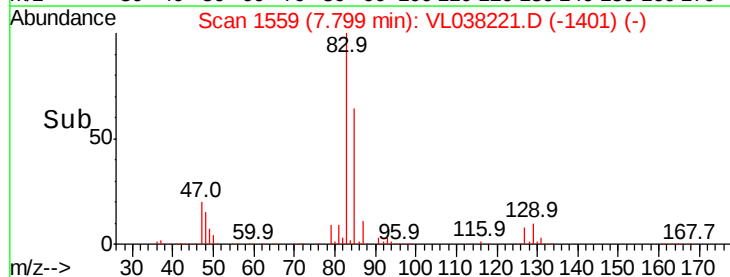
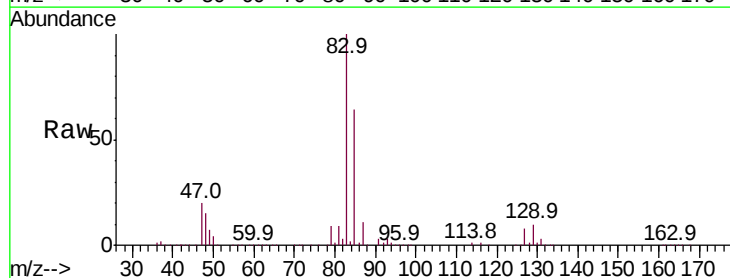
Manual Integrations
APPROVED

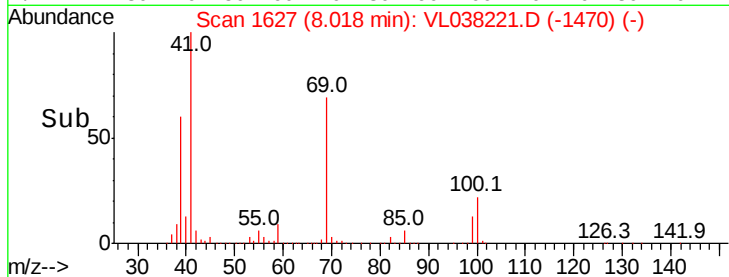
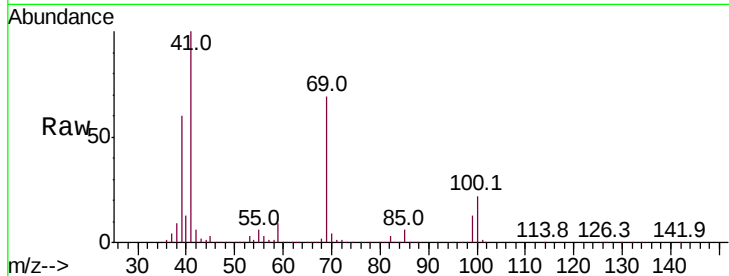
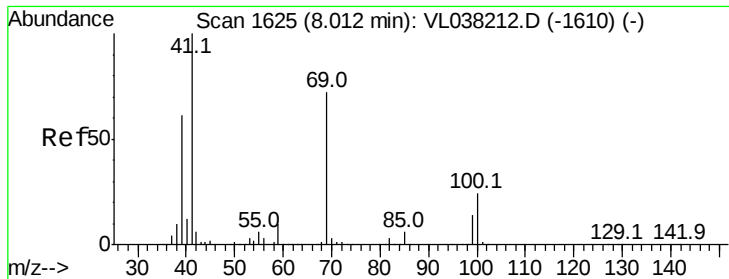
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#42
Bromodichloromethane
Concen: 9.982 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 83 Resp: 1483075
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 7.8 6.1 9.1





#43

Methyl Methacrylate

Concen: 9.783 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL1221ABS01

Acq: 21 Dec 2021 19:39

Tot Ion:

Ion Ratio

69 100

41 144.

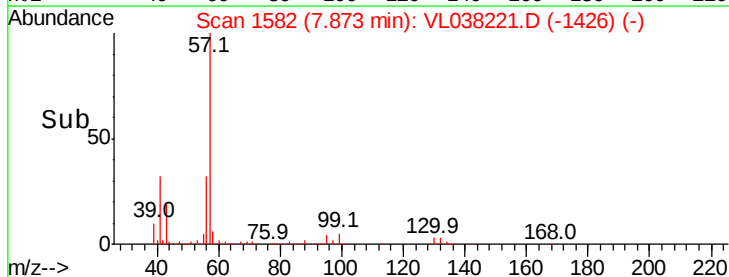
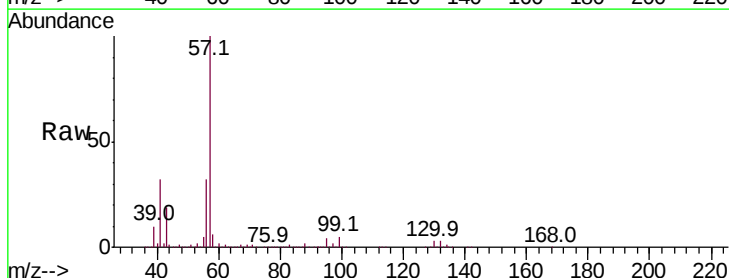
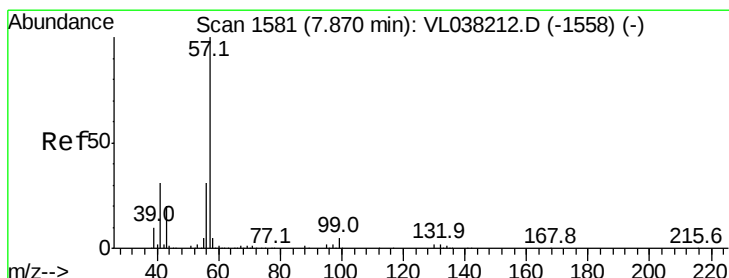
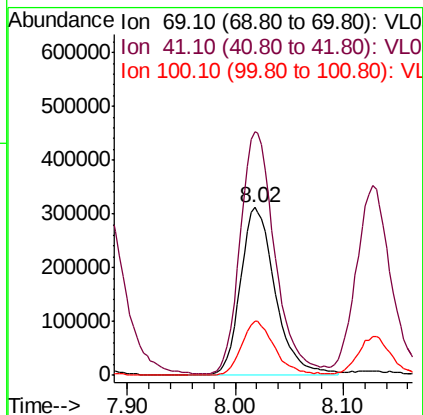
100 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.602 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

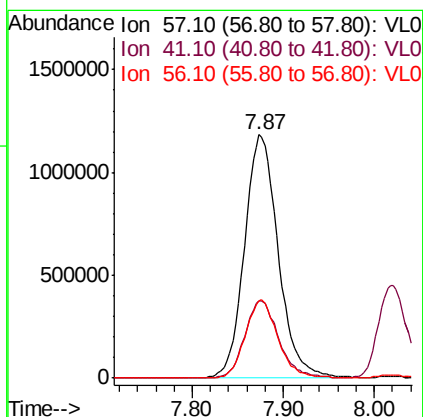
Tgt Ion: 57 Resp: 3040992

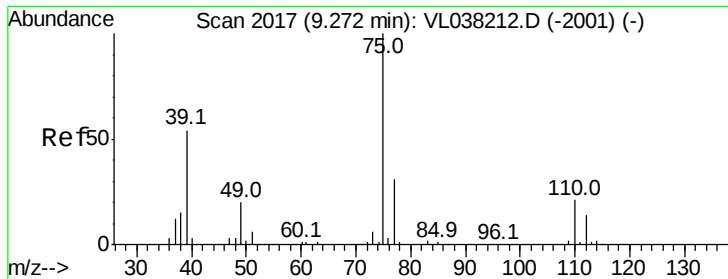
Ion Ratio Lower Upper

57 100

41 31.9 24.9 37.3

56 31.2 24.8 37.2





#45

t-1,3-Dichloropropene

Concen: 11.384 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

75 100

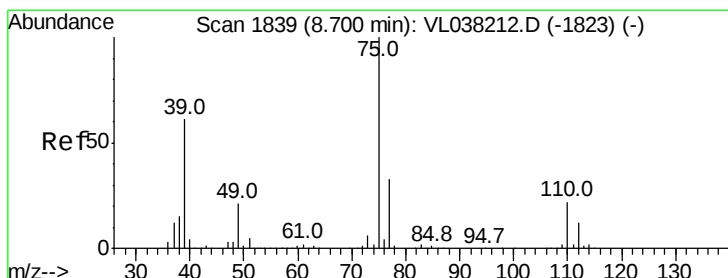
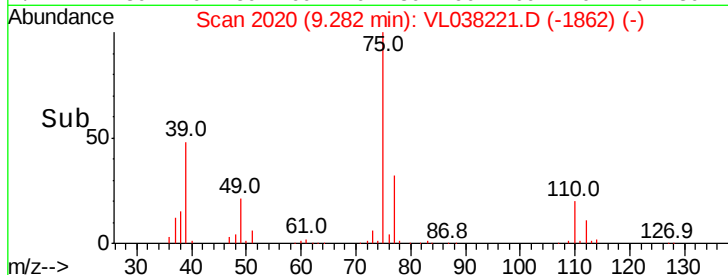
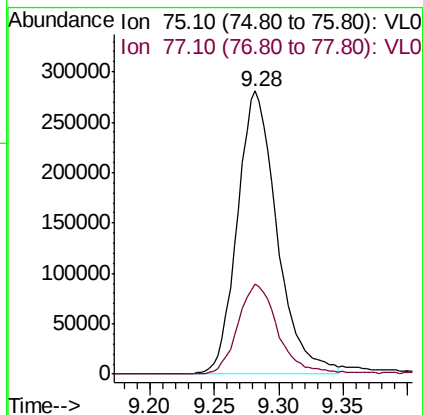
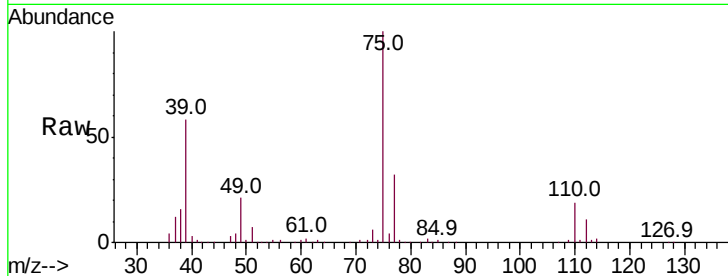
77 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.463 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

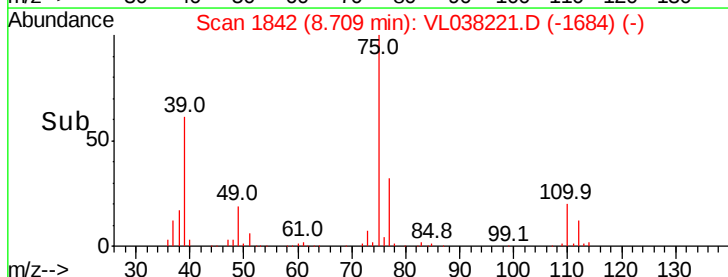
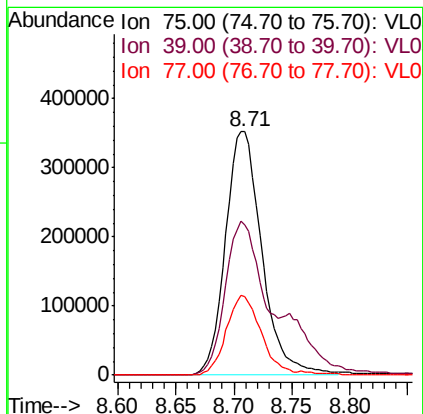
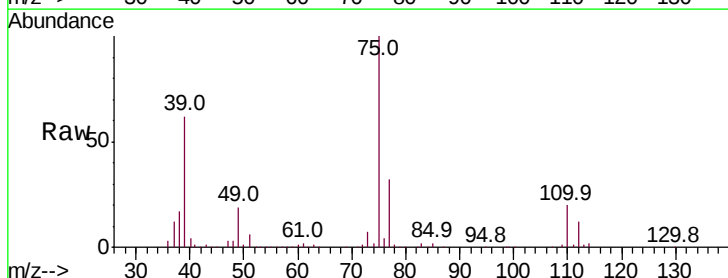
Tgt Ion: 75 Resp: 767629

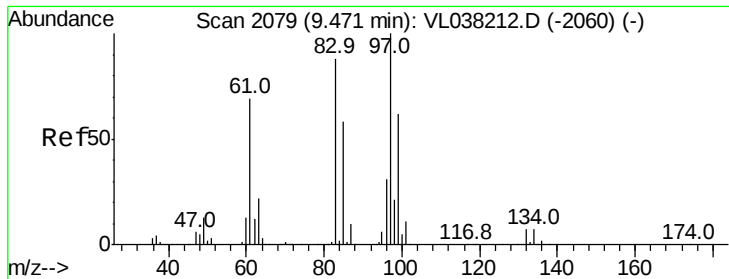
Ion Ratio Lower Upper

75 100

39 61.7 48.9 73.3

77 32.3 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 8.944 ppbv

RT: 9.48 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:

Ion Ratio

97 100

83 89.

85 58.

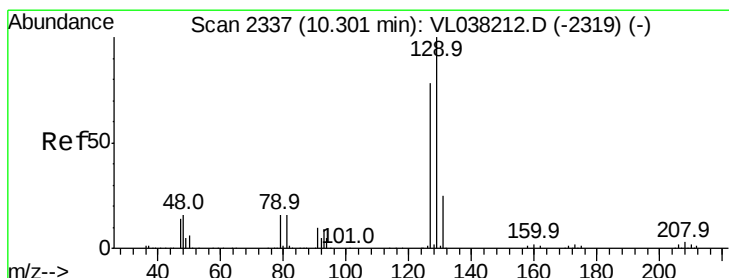
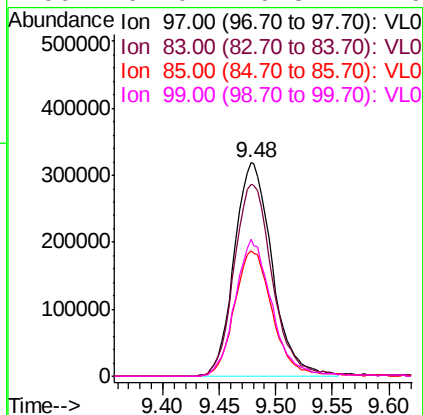
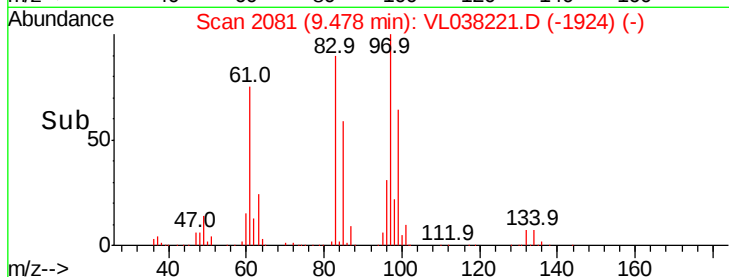
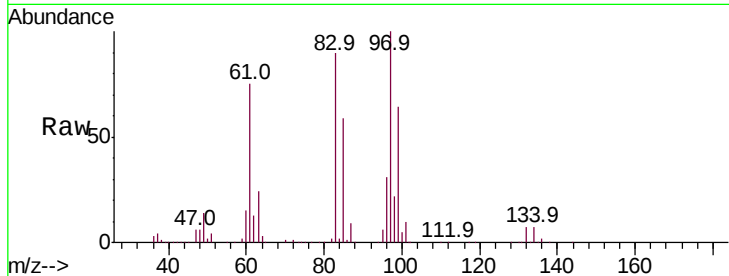
99 64.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#48

Dibromochloromethane

Concen: 10.192 ppbv

RT: 10.31 min Scan# 2339

Delta R.T. 0.01 min

Lab File: VL038221.D

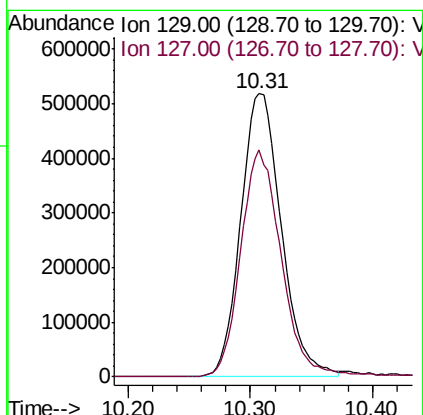
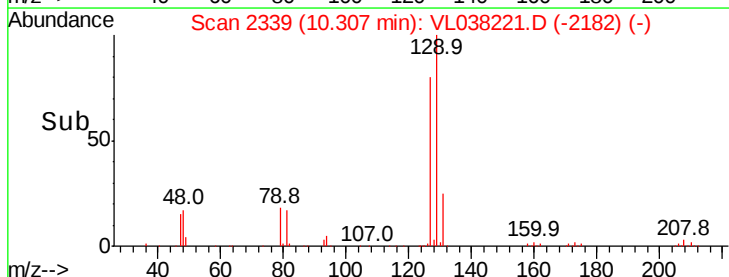
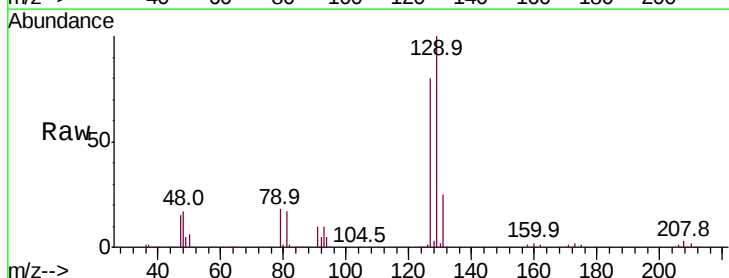
Acq: 21 Dec 2021 19:39

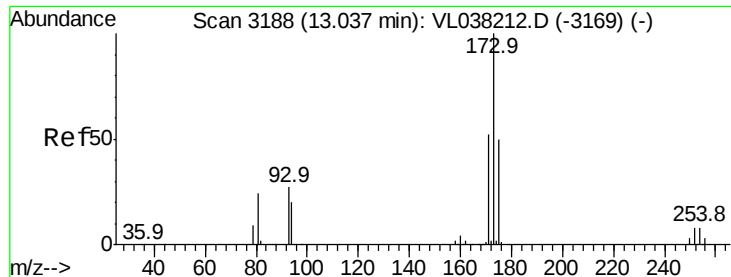
Tgt Ion:129 Resp: 1191380

Ion Ratio Lower Upper

129 100

127 82.0 40.2 120.6





#49

Bromoform

Concen: 10.827 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 21 Dec 2021 19:39

Instrument:

MSVOA_1

ClientSampleId:

VL1221ABS01

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

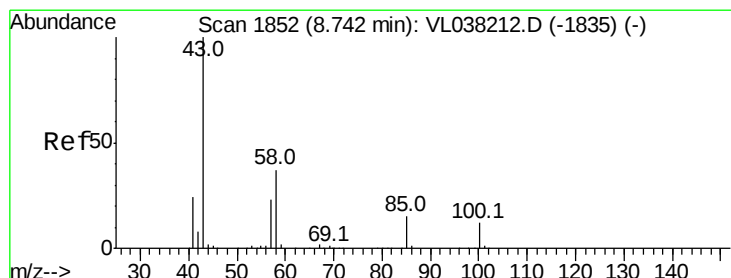
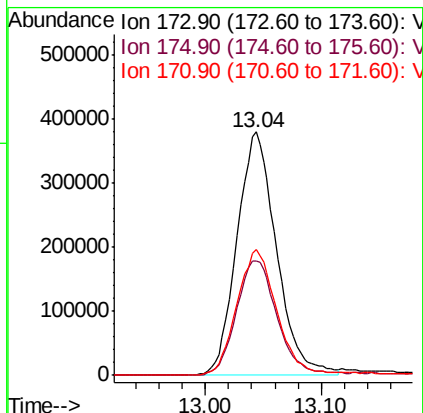
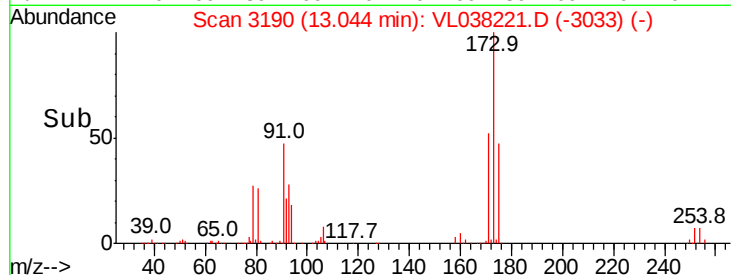
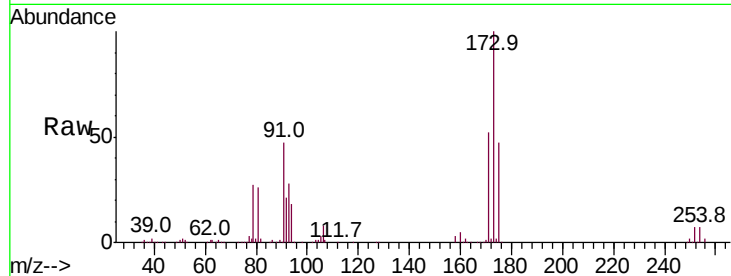
Tot Ion:1

Ion Rati

173 100

175 50.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 9.937 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL038221.D

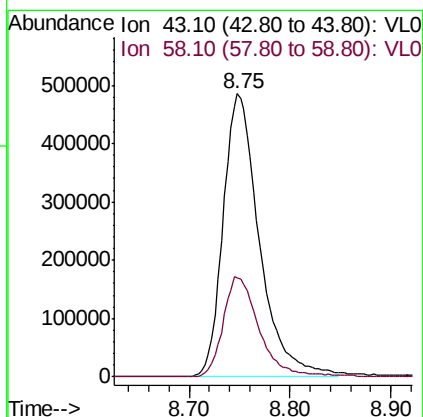
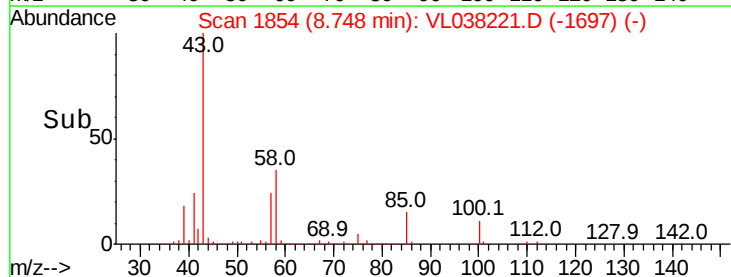
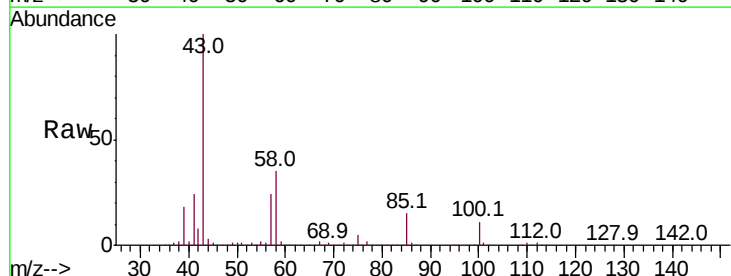
Acq: 21 Dec 2021 19:39

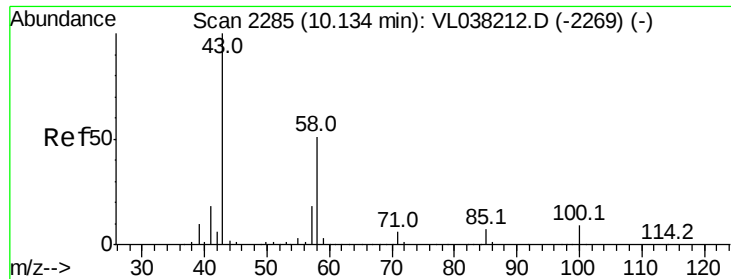
Tgt Ion: 43 Resp: 1211564

Ion Ratio Lower Upper

43 100

58 35.6 29.4 44.2



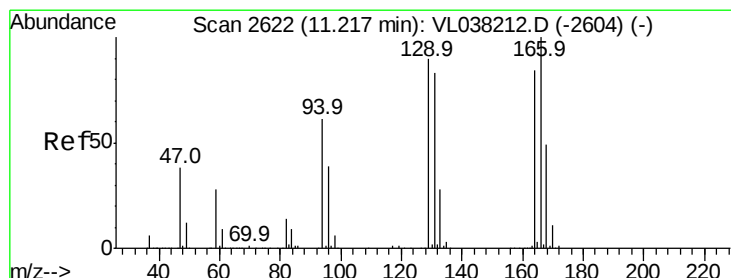
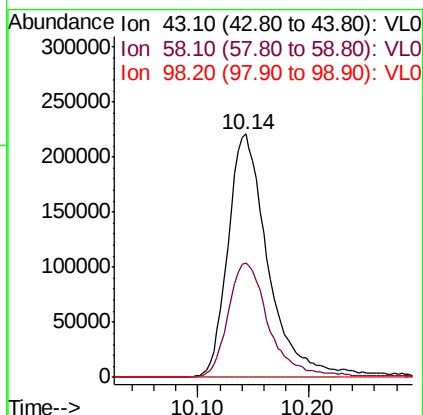
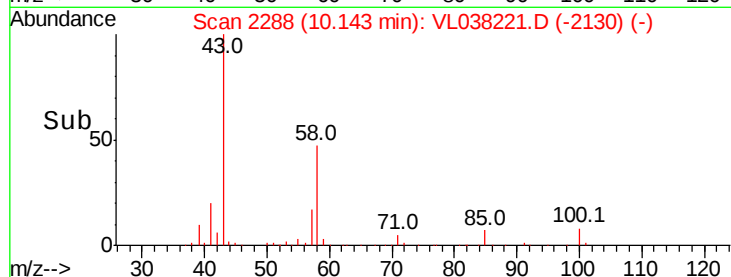
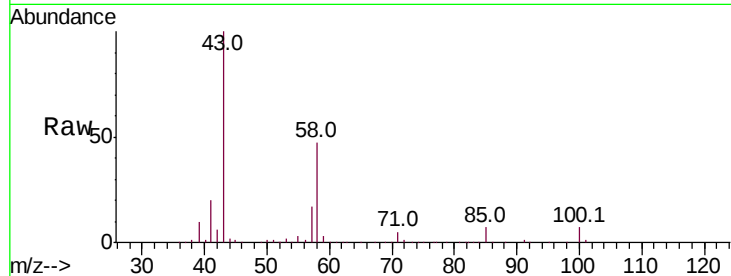


#51
2-Hexanone
Concen: 9.431 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.1

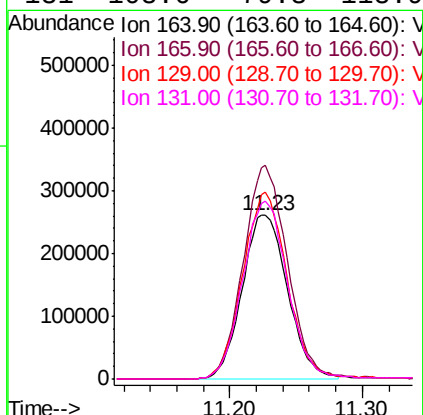
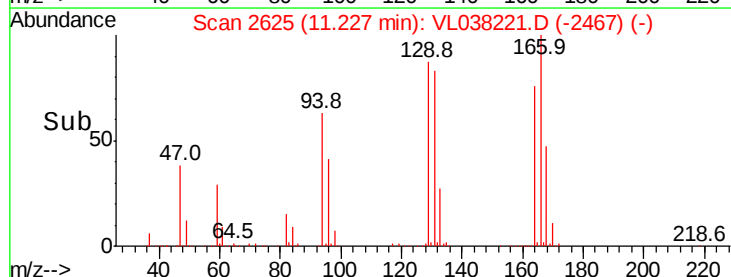
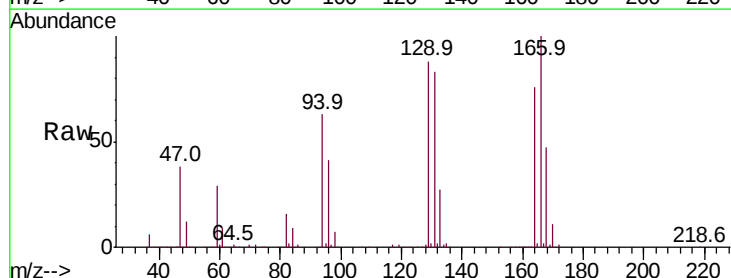
Manual Integrations
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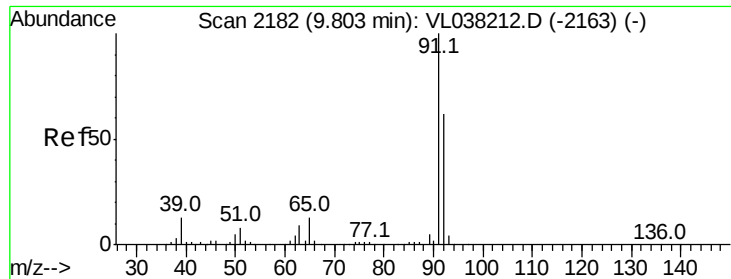
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#52
Tetrachloroethene
Concen: 8.072 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion:164 Resp: 620088
Ion Ratio Lower Upper
164 100
166 130.7 95.6 143.4
129 114.4 85.8 128.8
131 108.6 79.3 118.9





#53

Toluene

Concen: 8.822 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 19:39

Tot Ion:

Ion Ratio

91 100

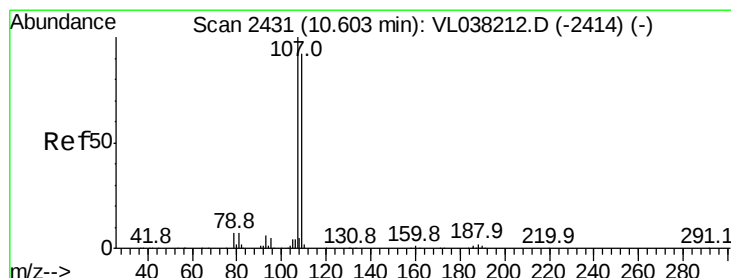
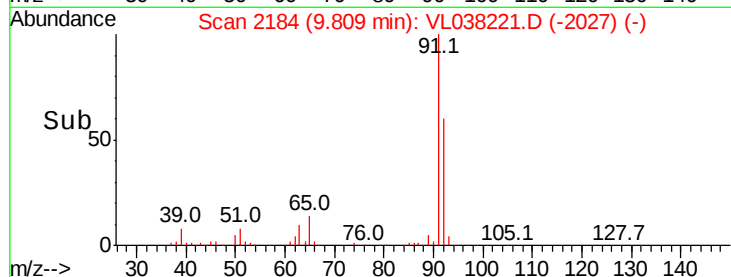
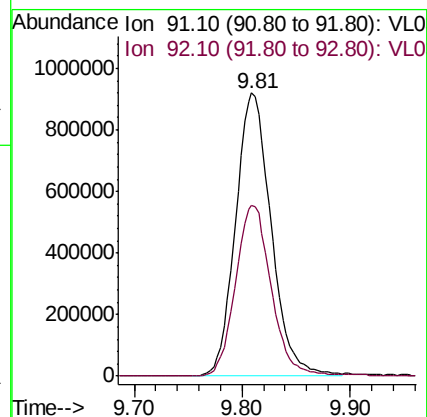
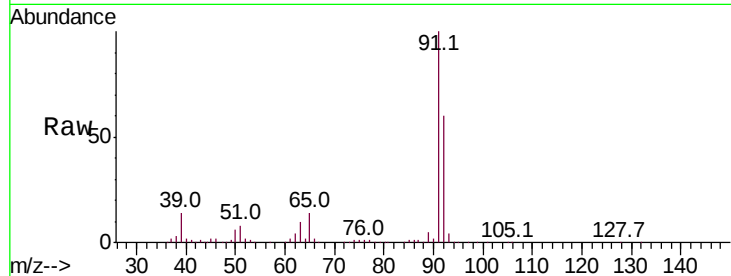
92 60.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 9.199 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038221.D

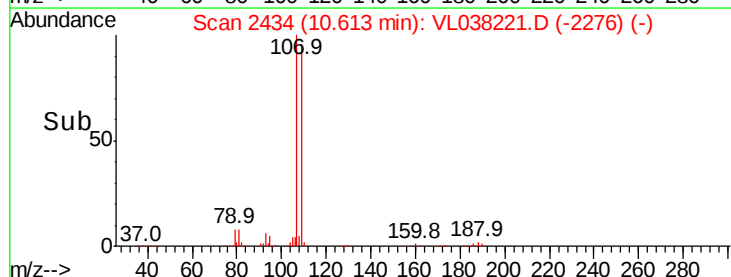
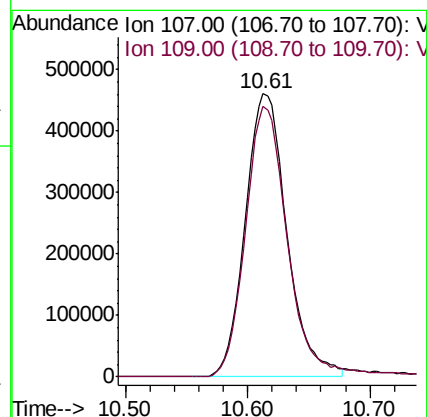
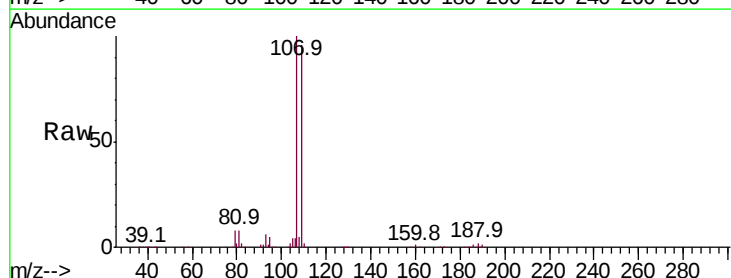
Acq: 21 Dec 2021 19:39

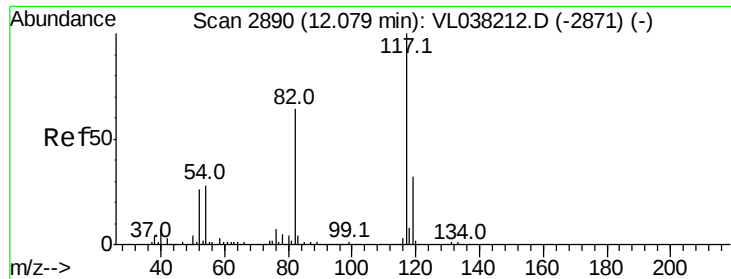
Tgt Ion:107 Resp: 1084765

Ion Ratio Lower Upper

107 100

109 95.5 73.3 109.9



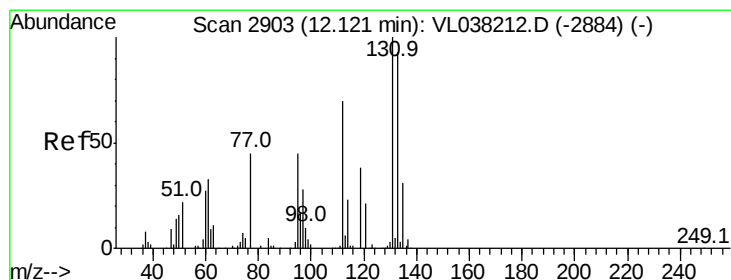
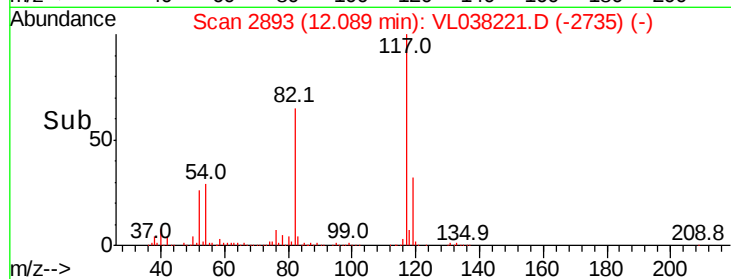
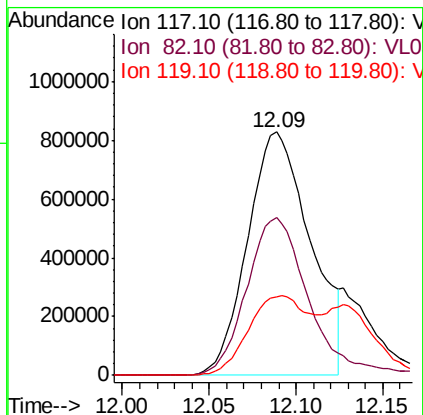
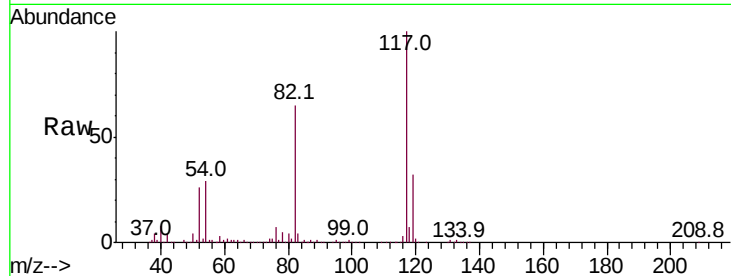


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 19:39

Tot Ion:1
Ion Rati
117 100
82 67.
119 31.

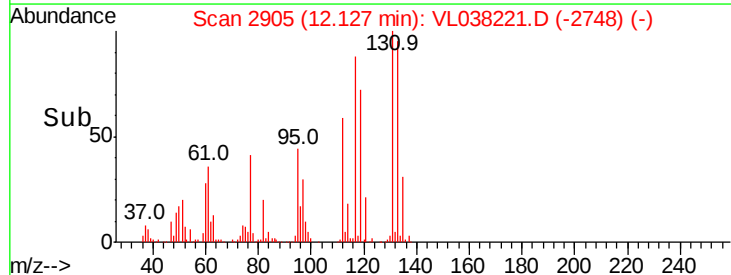
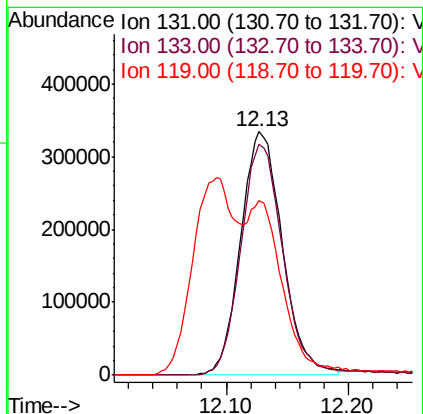
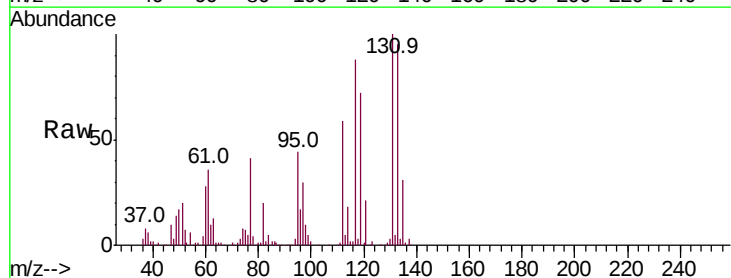
Manual Integrations
APPROVED

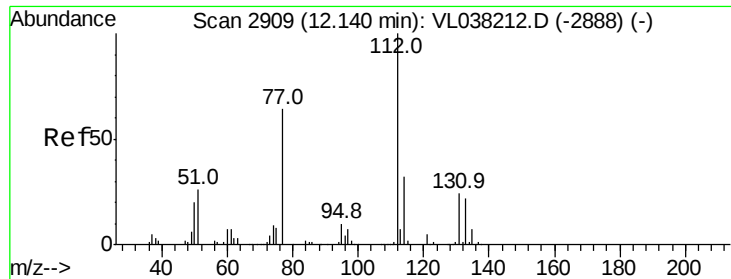
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.094 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion:131 Resp: 789931
Ion Ratio Lower Upper
131 100
133 98.2 77.6 116.4
119 67.5 124.8 187.2#



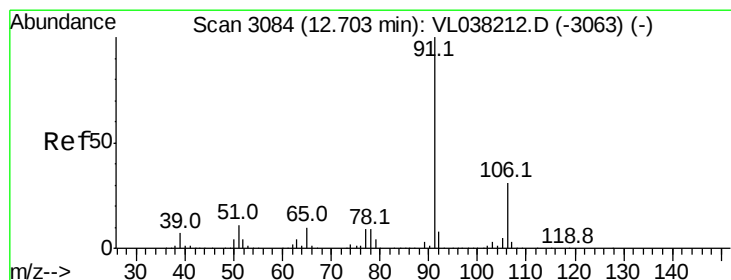
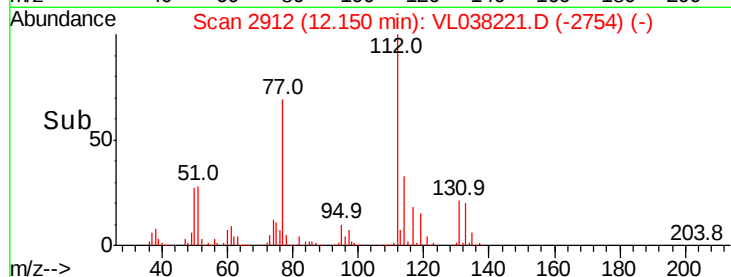
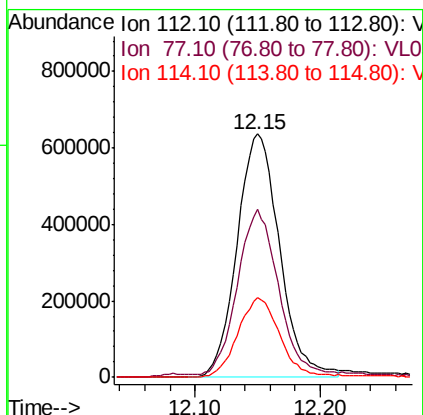
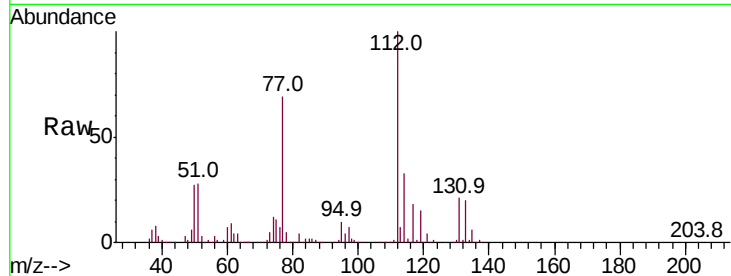


#57
Chlorobenzene
Concen: 8.269 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion: 1
Ion Ratio
112 100
77 67.
114 32.

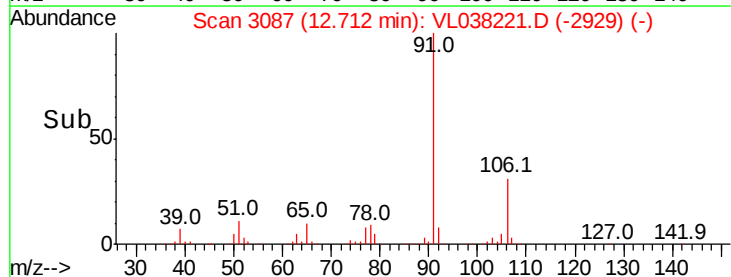
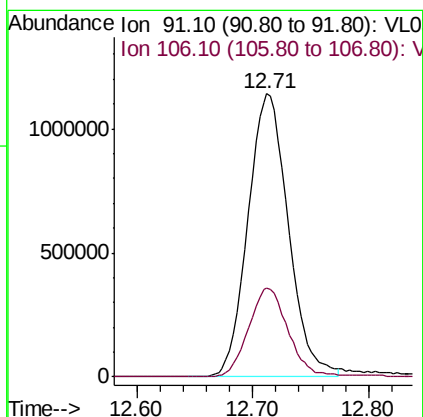
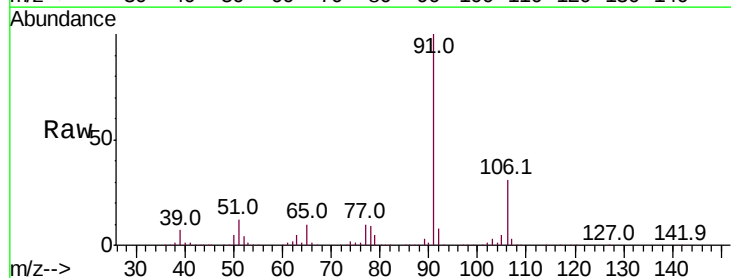
Manual Integrations
APPROVED

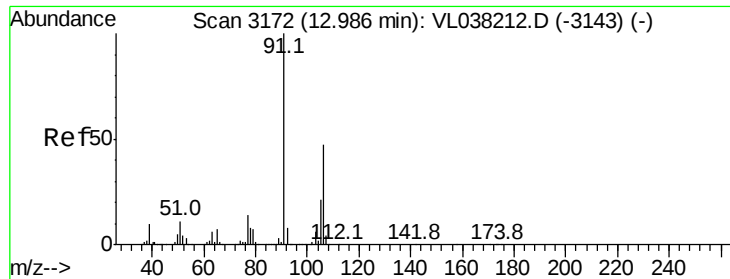
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#58
Ethyl Benzene
Concen: 8.544 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 91 Resp: 2769016
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



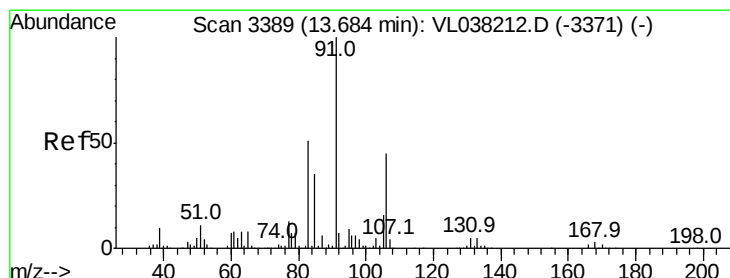
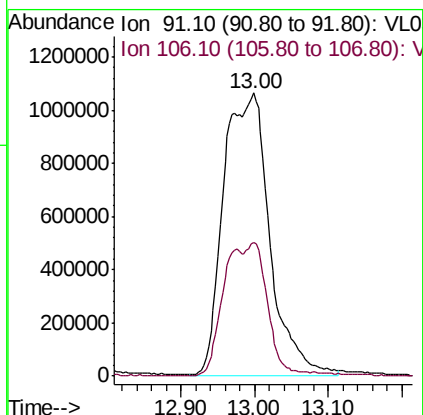
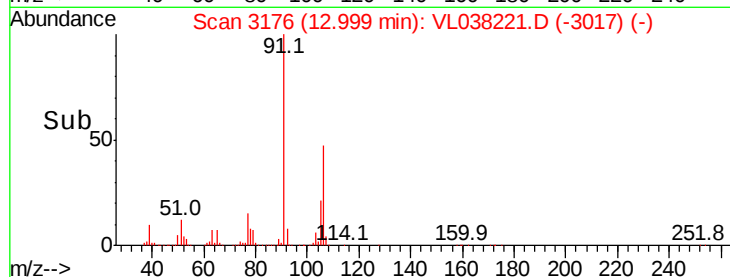
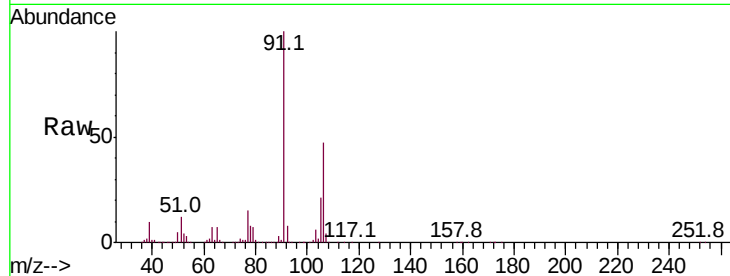


#59
m/p-Xylene
Concen: 16.799 ppbv m
RT: 13.00
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 21 Dec 2021 19:39 VL1221ABS01

Tot Ion:
Ion Ratio
91 100
106 44.

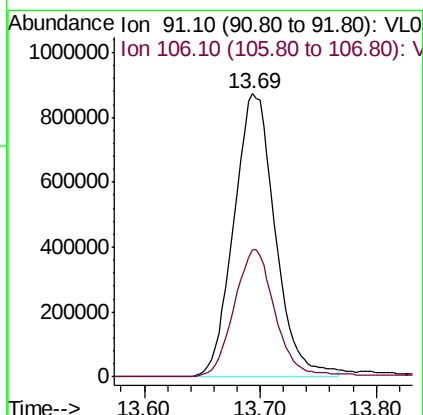
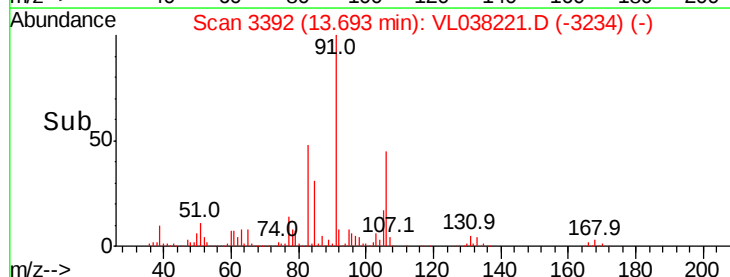
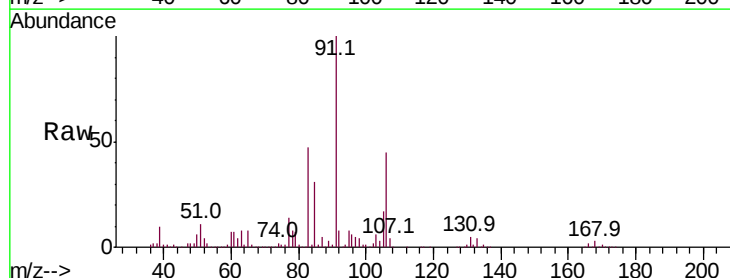
Manual Integrations
APPROVED

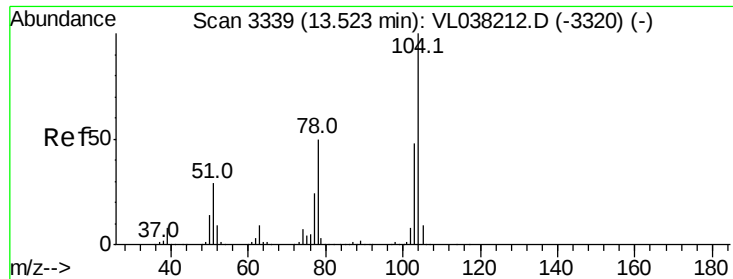
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#60
o-Xylene
Concen: 8.399 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 91 Resp: 2157490
Ion Ratio Lower Upper
91 100
106 45.9 23.5 70.5



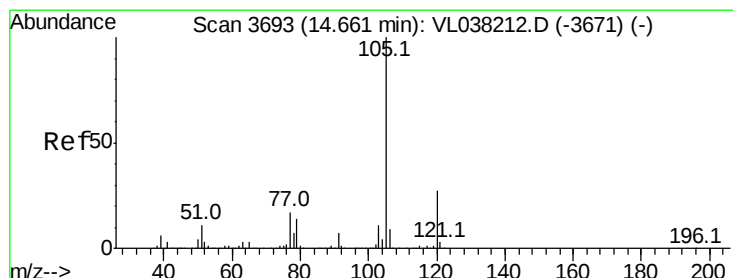
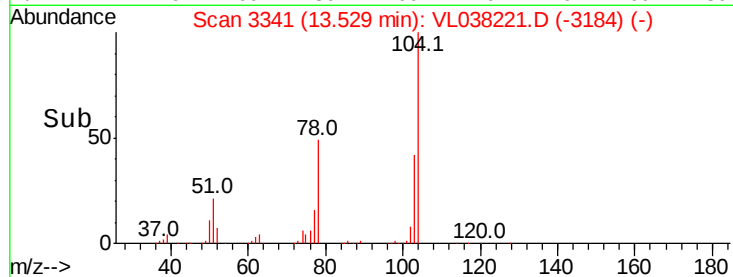
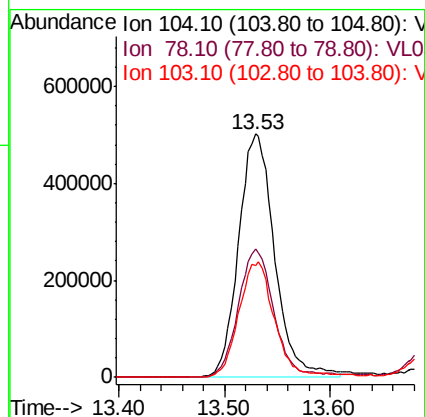
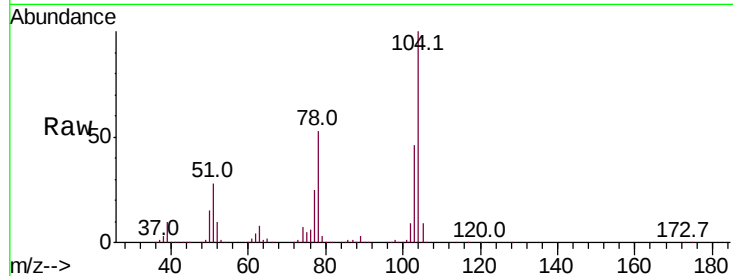


#61
Stvrene
Concen: 9.195 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampled : VL1221ABS01
Acq: 21 Dec 2021 19:39

Tot Ion:1
Ion Rati
104 100
78 53.
103 47.

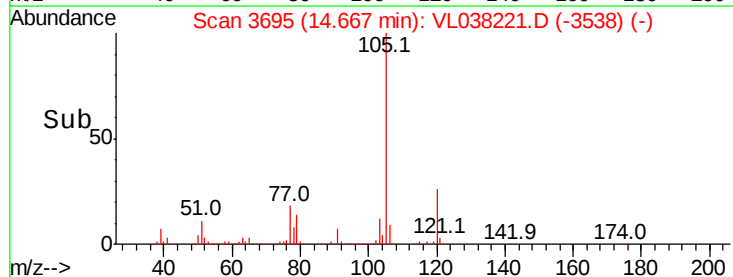
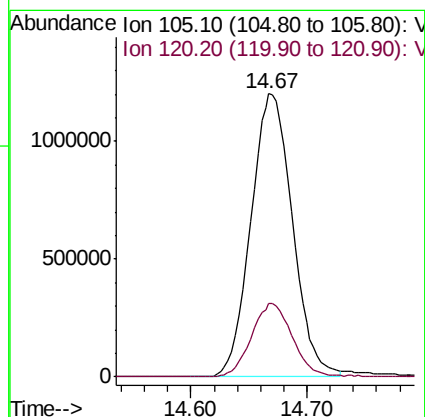
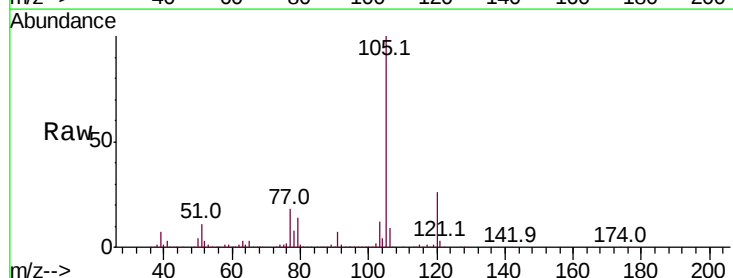
Manual Integrations
APPROVED

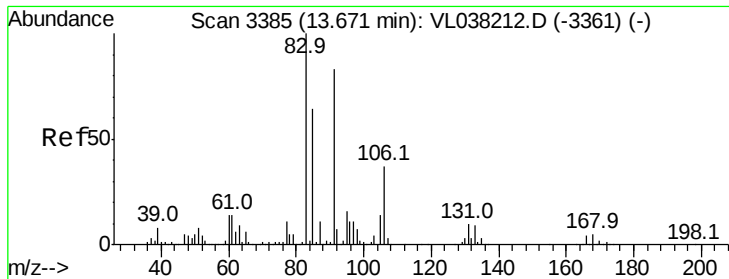
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#62
Isopropylbenzene
Concen: 8.304 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion:105 Resp: 2994851
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.811 ppbv

RT: 13.68

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 19:39

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

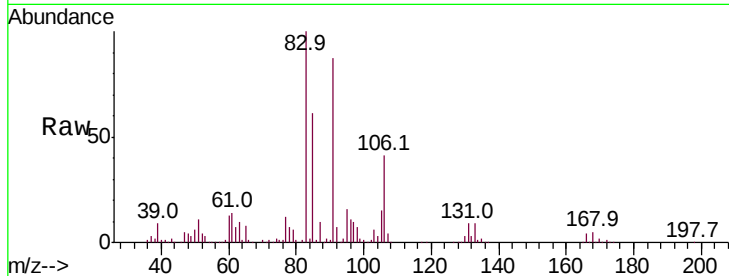
Tot Ion:

Ion Ratio

83 100

131 9.

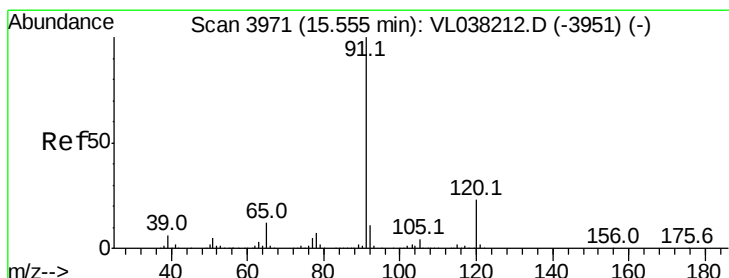
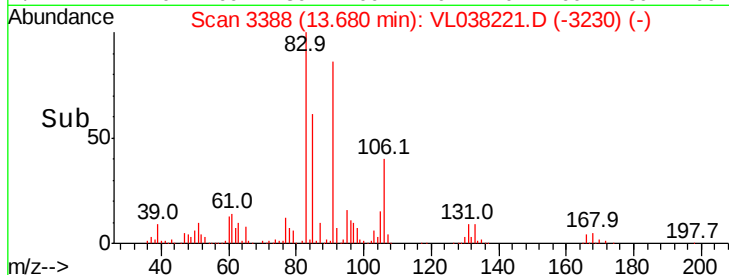
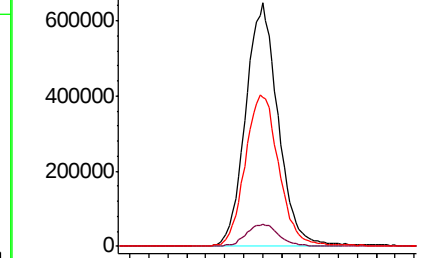
85 65.



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.656 ppbv

RT: 15.56 min Scan# 3974

Delta R.T. 0.01 min

Lab File: VL038221.D

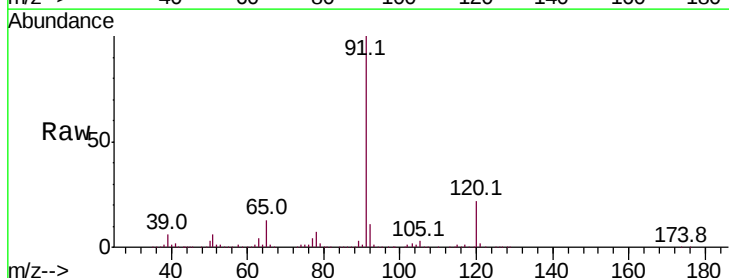
Acq: 21 Dec 2021 19:39

Tgt Ion:120 Resp: 776171

Ion Ratio Lower Upper

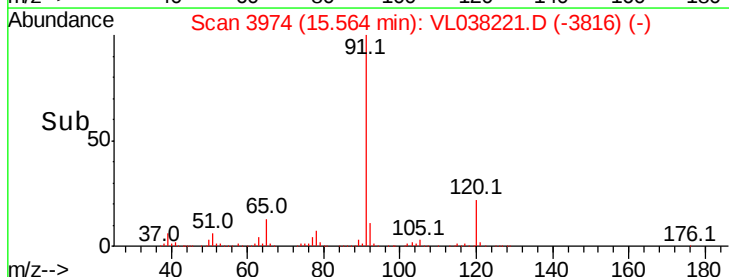
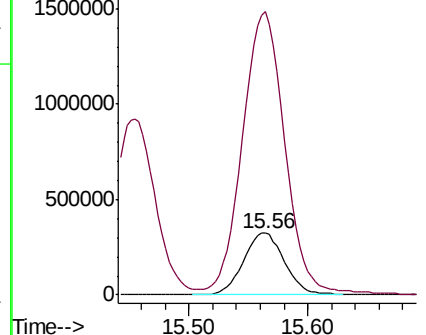
120 100

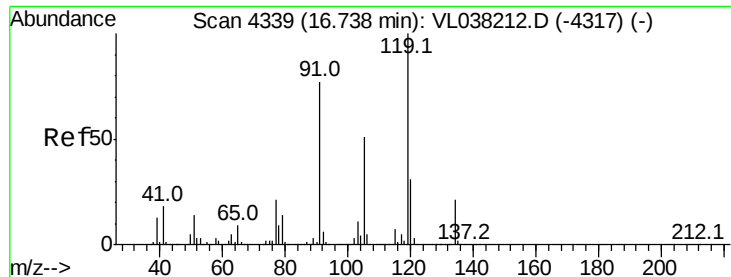
91 474.2 381.5 572.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



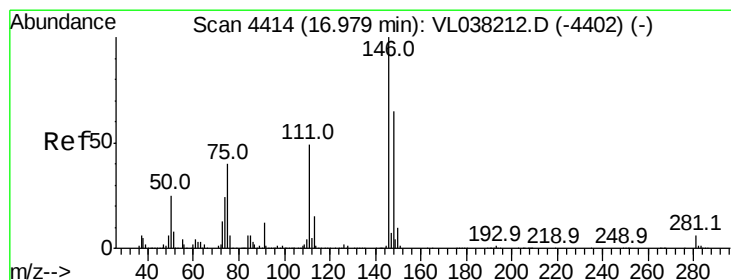
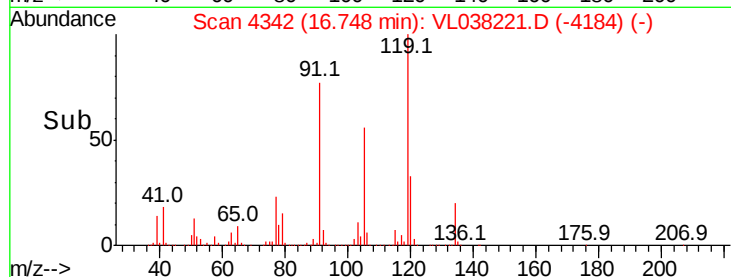
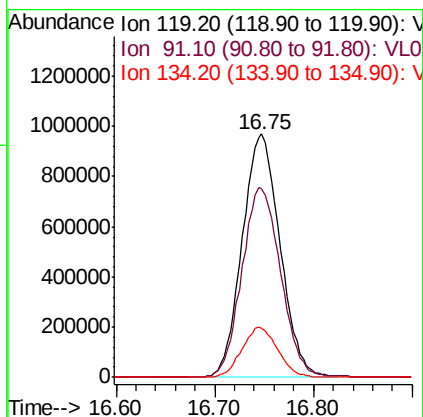
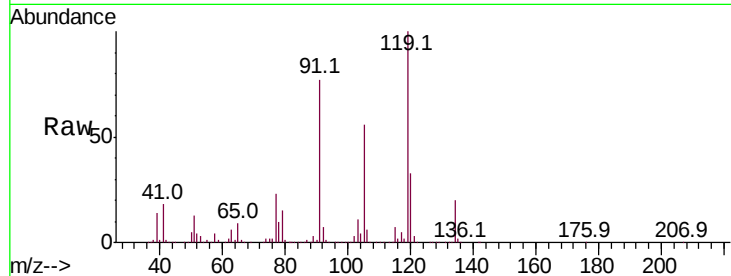


#65
tert-Butylbenzene
Concen: 8.090 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1221ABS01
Acq: 21 Dec 2021 19:39

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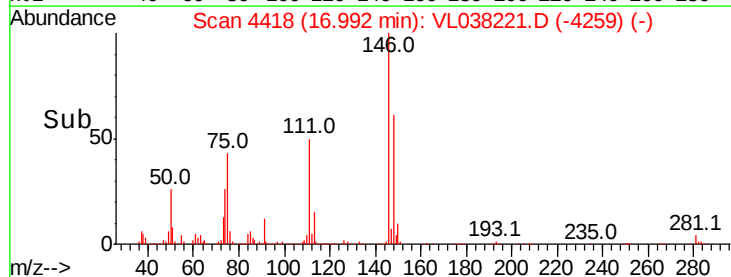
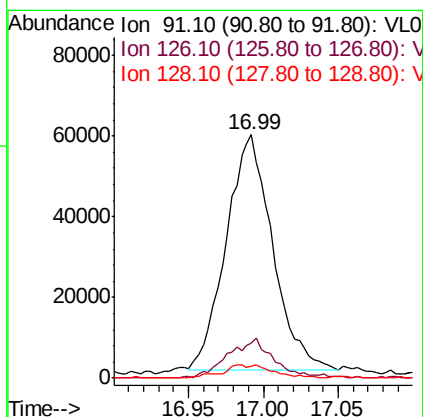
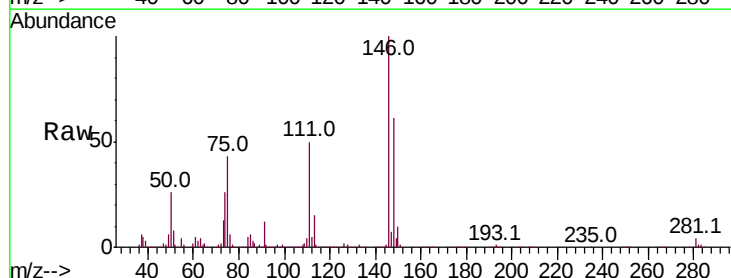
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

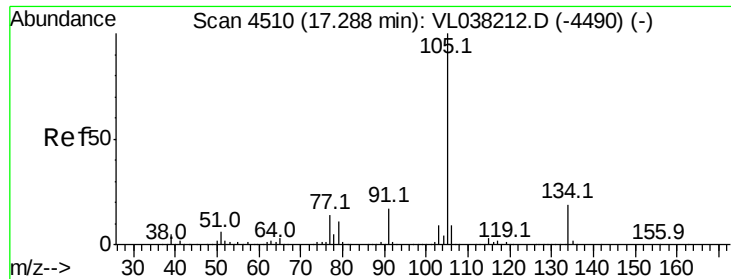
Tot Ion:1
Ion Rati
119 100
91 80.
134 19.



#66
Benzyl Chloride
Concen: 10.622 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion: 91 Resp: 125679
Ion Ratio Lower Upper
91 100
126 17.1 16.0 24.0
128 6.3 5.0 7.6



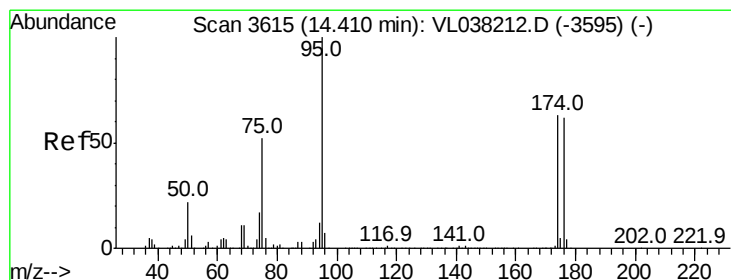
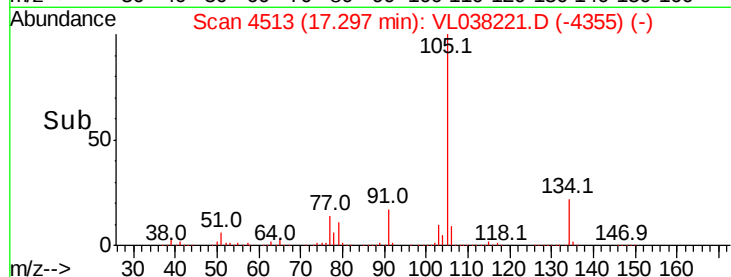
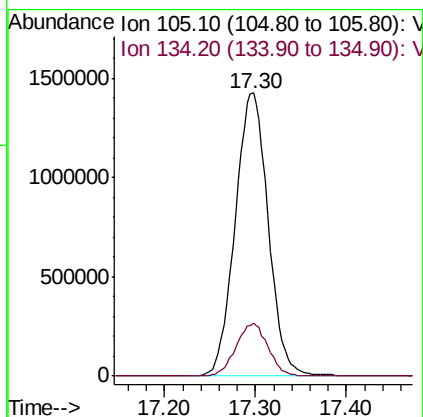
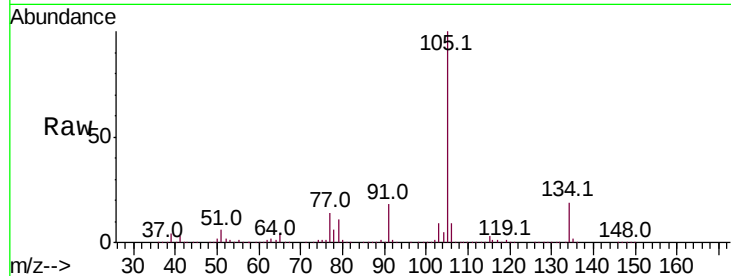


#67
 sec-Butylbenzene
 Concen: 8.238 ppbv
 RT: 17.30 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion: 1
 Ion Ratio
 105 100
 134 18.

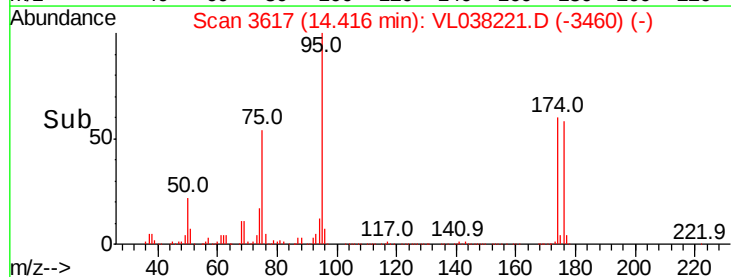
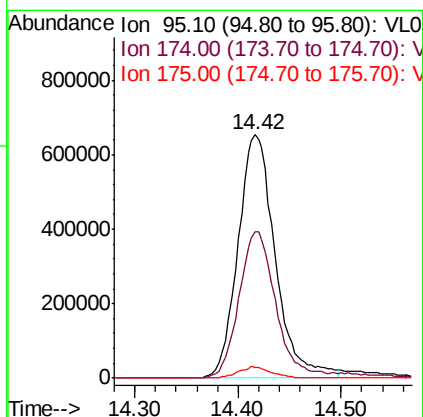
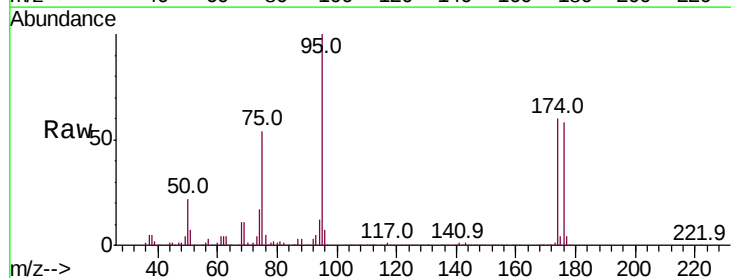
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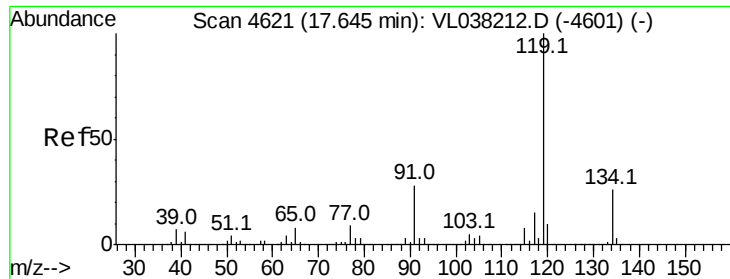
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.222 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion: 95 Resp: 1645031
 Ion Ratio Lower Upper
 95 100
 174 62.3 54.6 81.8
 175 4.5 4.1 6.1



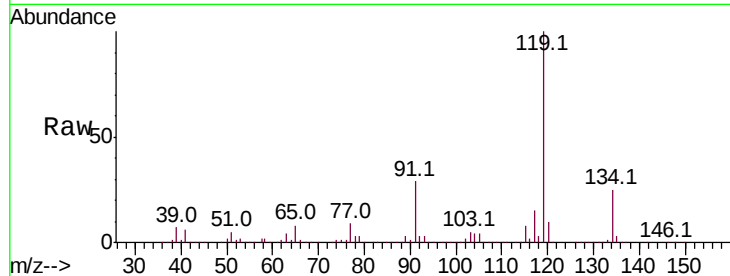


#69
 p-Isopropyltoluene
 Concen: 8.239 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

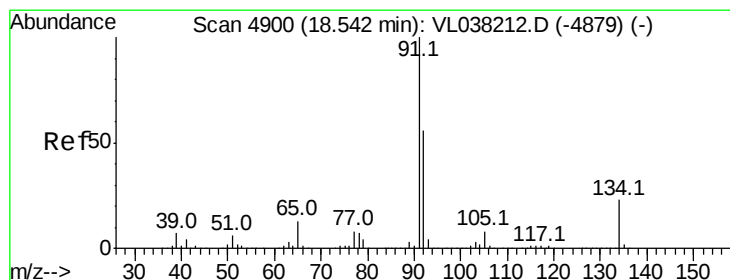
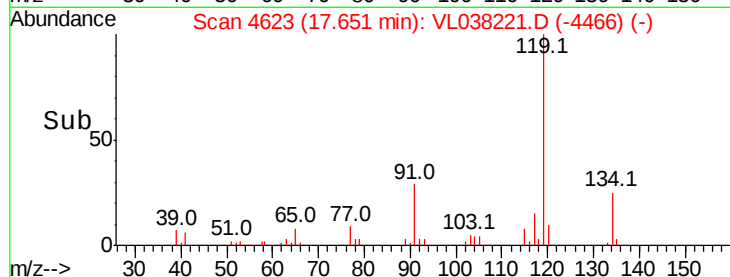
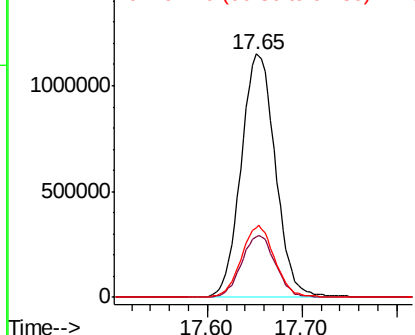
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 28.

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Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

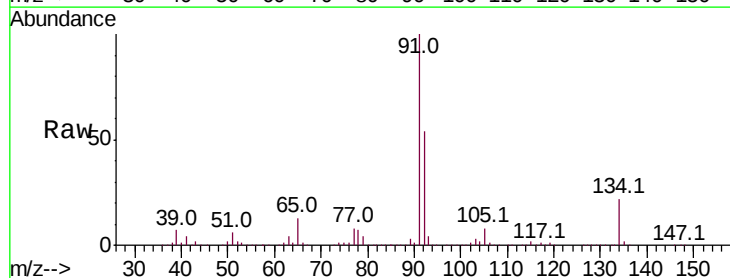


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

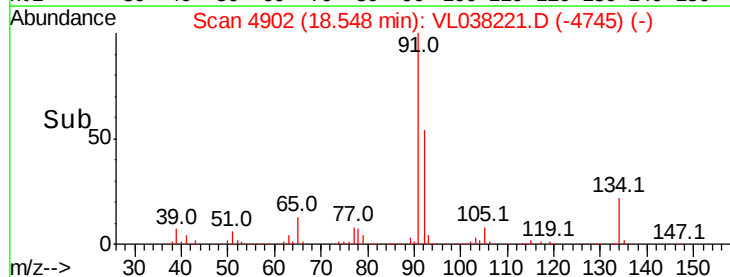
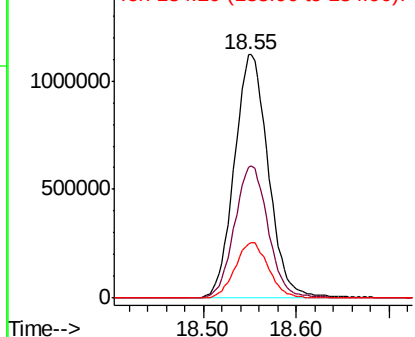


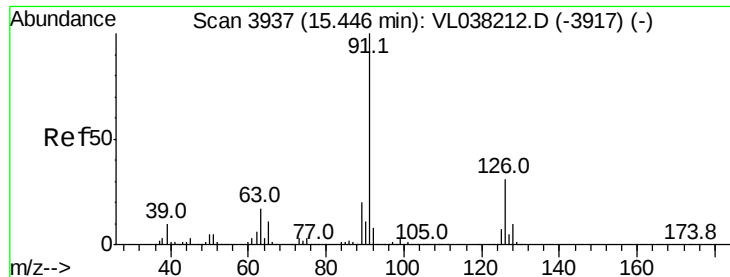
#70
 n-Butylbenzene
 Concen: 8.516 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion: 91 Resp: 2840628
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 22.7 18.5 27.7



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



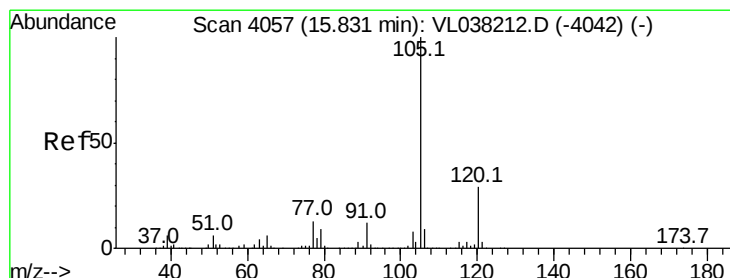
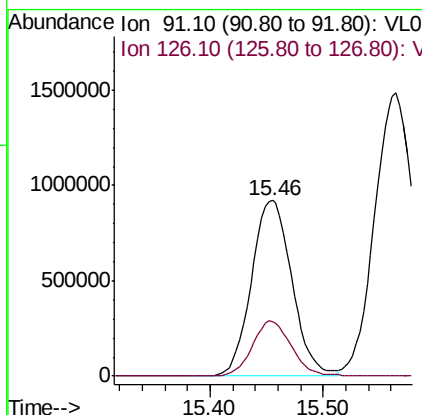
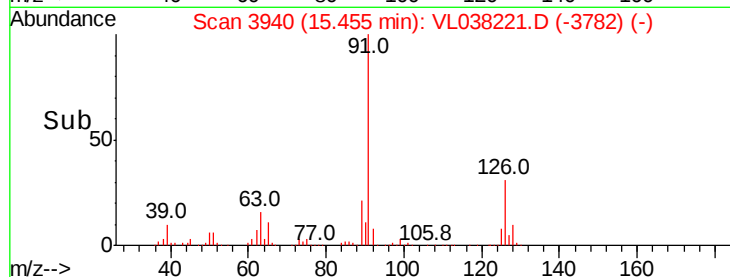
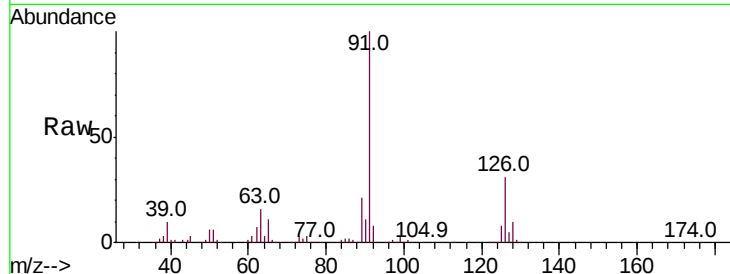


#71
 2-Chlorotoluene
 Concen: 8.519 ppbv
 RT: 15.46
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion:
 Ion Ratio
 91 100
 126 30.

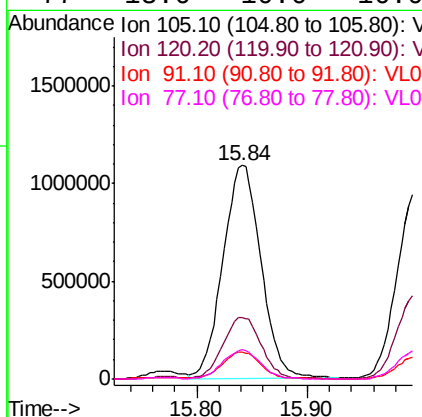
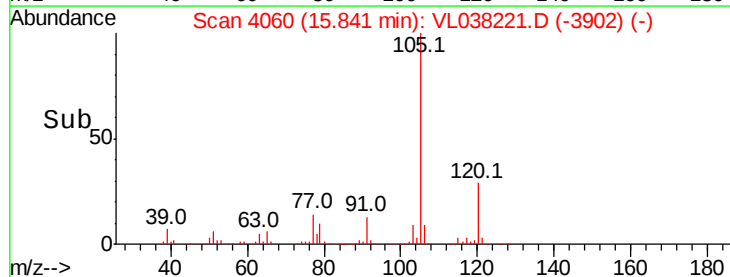
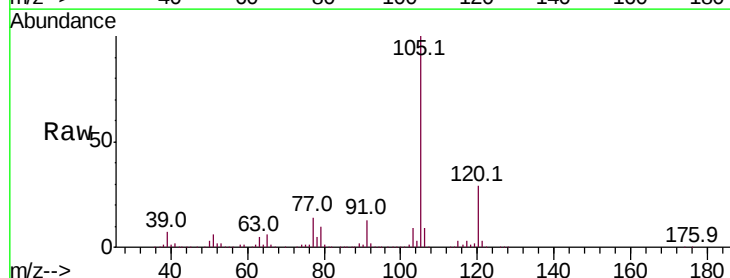
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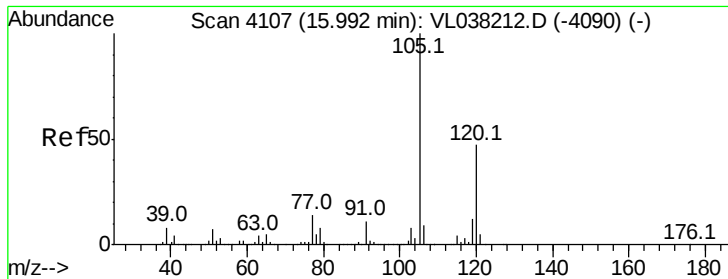
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#72
 4-Ethyltoluene
 Concen: 8.818 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion:105 Resp: 2608455
 Ion Ratio Lower Upper
 105 100
 120 29.6 24.3 36.5
 91 12.7 9.8 14.6
 77 13.6 10.6 16.0

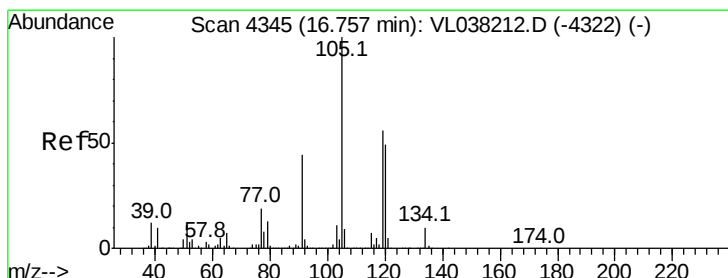
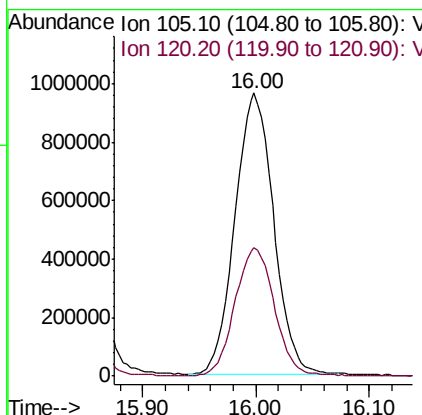
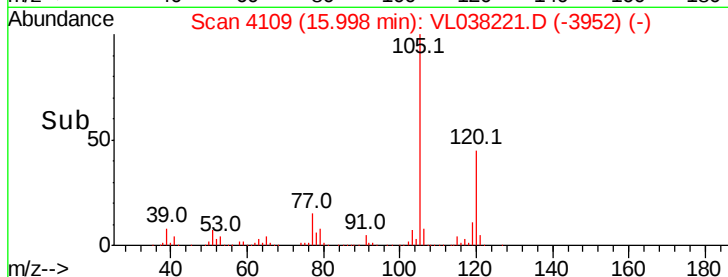
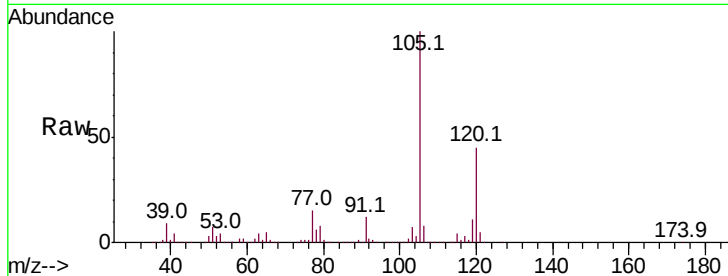




#73
 1,3,5-Trimethylbenzene
 Concen: 8.632 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL1221ABS01
 Acq: 21 Dec 2021 19:39

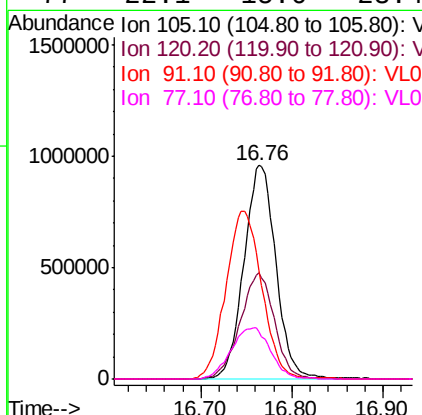
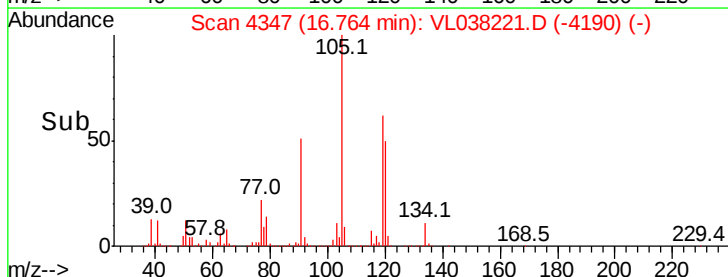
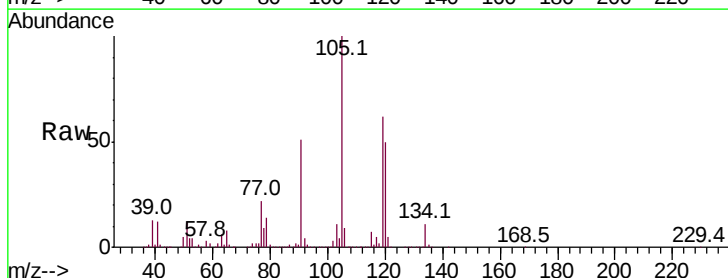
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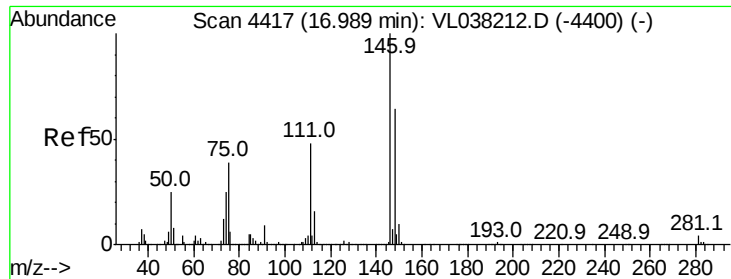
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 8.397 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion:105 Resp: 2334802
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.4 59.2
 91 50.9 35.0 52.4
 77 22.1 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 8.734 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 19:39

Tot Ion:1

Ion Rati

146 100

111 48.

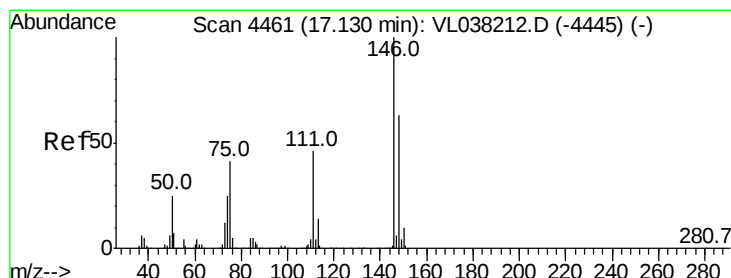
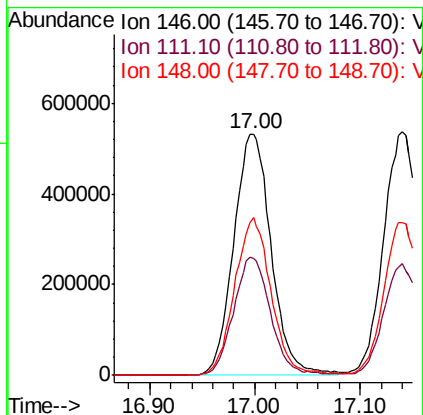
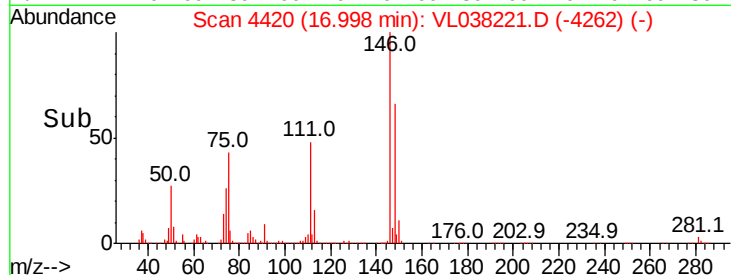
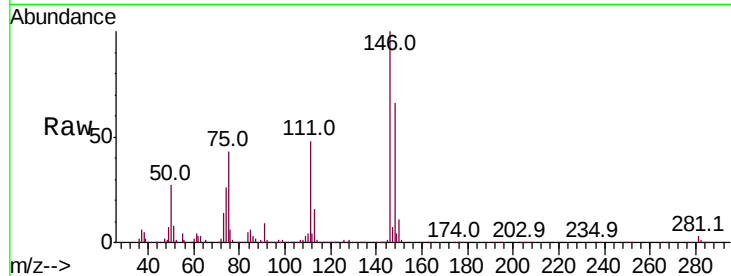
148 63.

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#76

1,4-Dichlorobenzene

Concen: 8.533 ppbv

RT: 17.14 min Scan# 4464

Delta R.T. 0.01 min

Lab File: VL038221.D

Acq: 21 Dec 2021 19:39

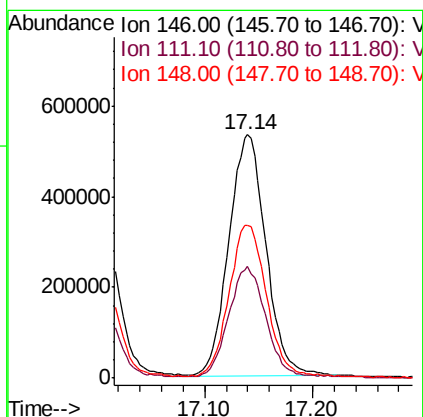
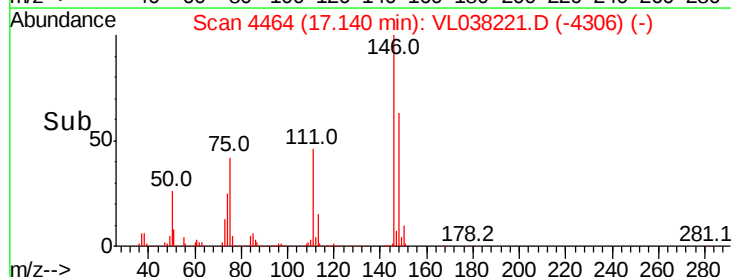
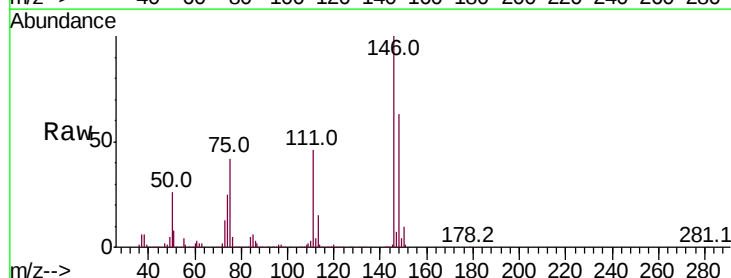
Tgt Ion:146 Resp: 1271572

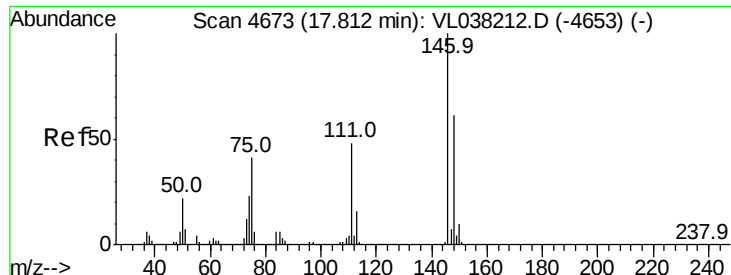
Ion Ratio Lower Upper

146 100

111 47.6 23.6 71.0

148 66.3 33.1 99.5



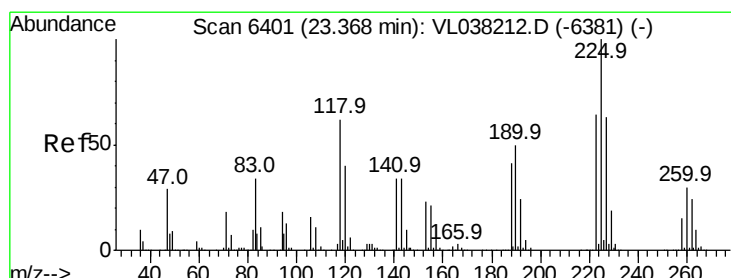
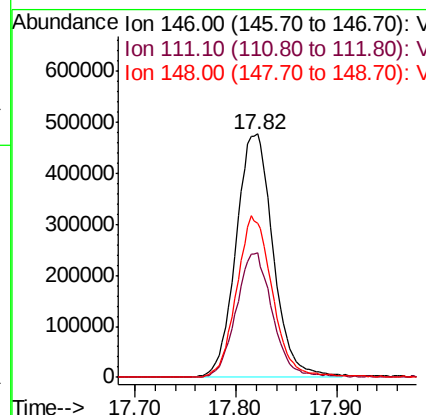
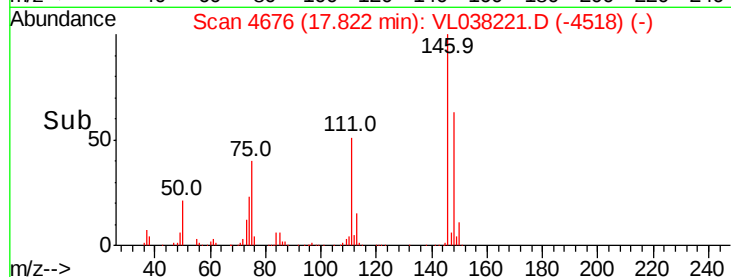
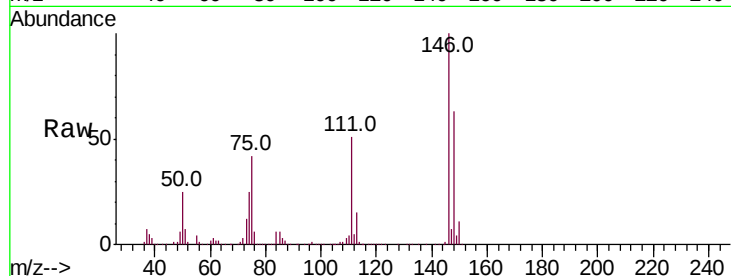


#77
 1,2-Dichlorobenzene
 Concen: 8.431 ppbv
 RT: 17.82 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 64.

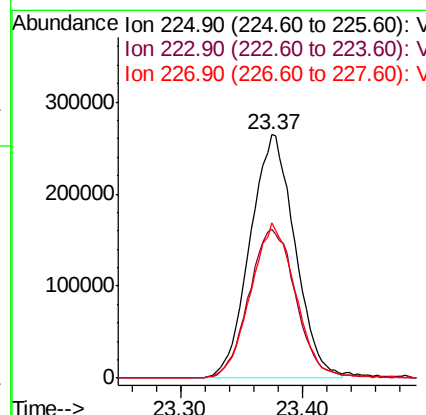
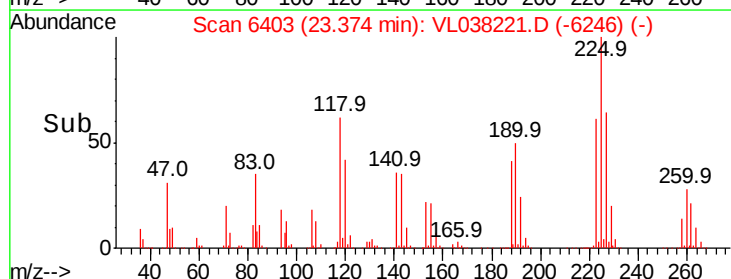
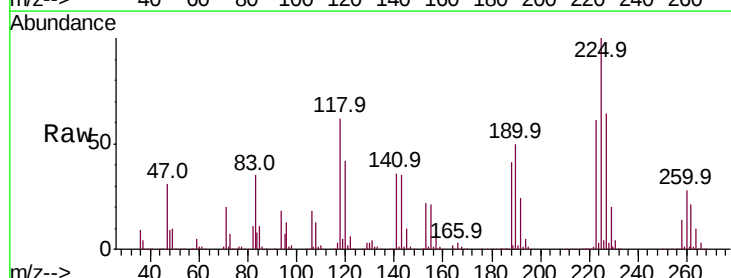
Manual Integrations
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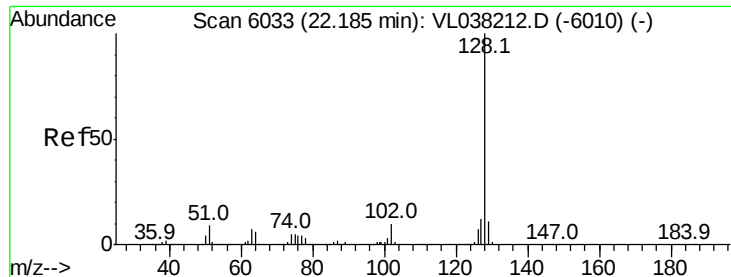
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.592 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.01 min
 Lab File: VL038221.D
 Acq: 21 Dec 2021 19:39

Tgt Ion:225 Resp: 673672
 Ion Ratio Lower Upper
 225 100
 223 64.4 51.5 77.3
 227 64.2 51.9 77.9



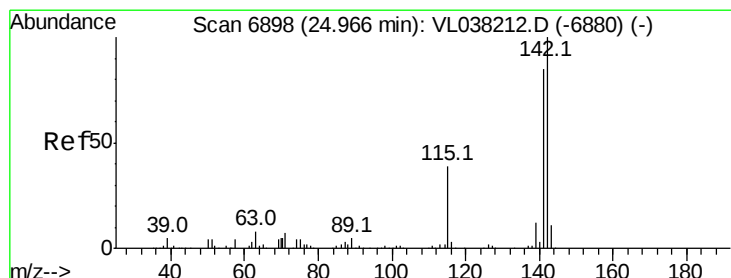
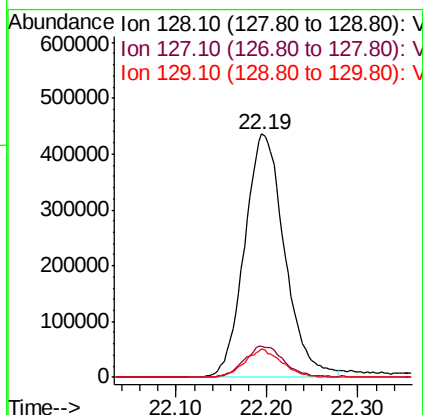
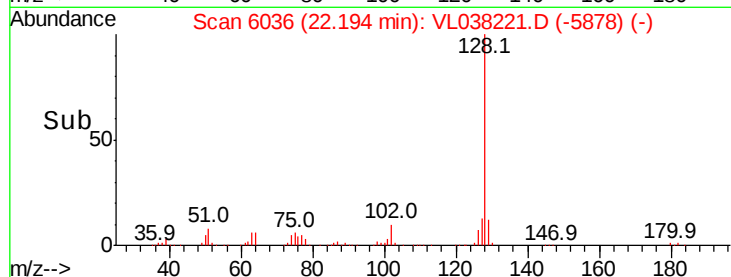
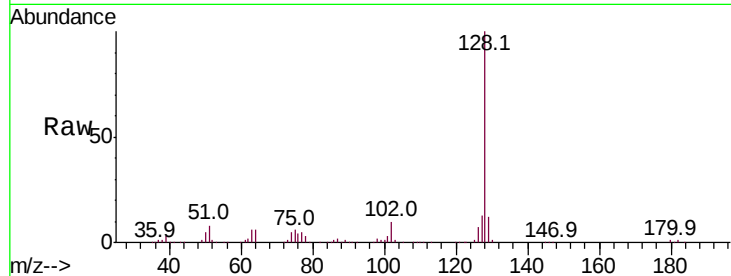


#79
Naphthalene
Concen: 9.275 ppbv
RT: 22.19 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 21 Dec 2021 19:39

Manual Integrations
APPROVED

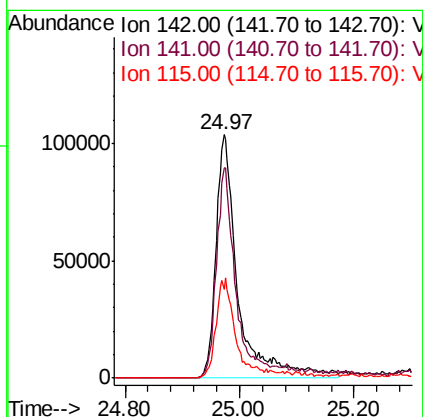
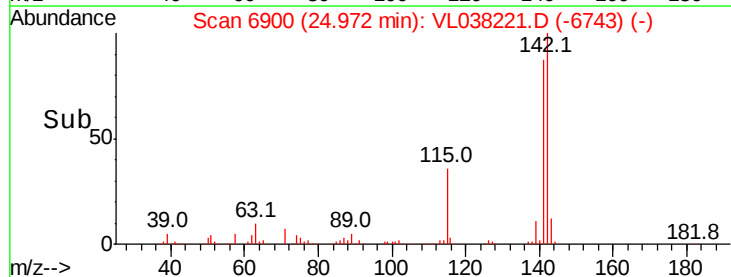
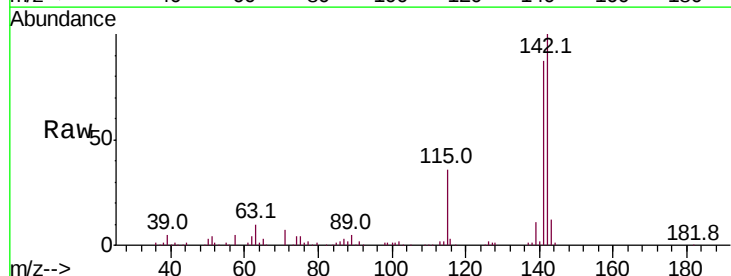
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

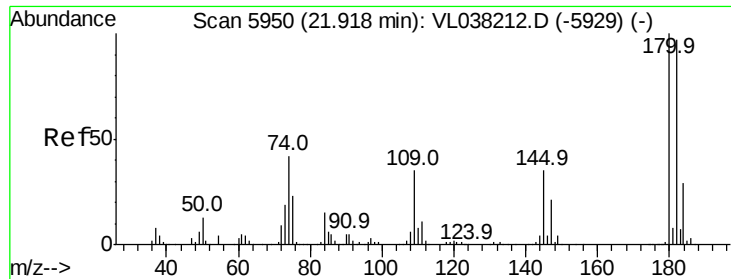
Tot Ion:1
Ion Rati
128 100
127 12.
129 12.



#80
Naphthalene, 2-methyl-
Concen: 9.800 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038221.D
Acq: 21 Dec 2021 19:39

Tgt Ion:142 Resp: 279288
Ion Ratio Lower Upper
142 100
141 79.4 66.7 100.1
115 37.9 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.369 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1221ABS01
 Acq: 21 Dec 2021 19:39

Tot Ion:1
 Ion Rati
 180 100
 182 100.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

