

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038210.D
 Acq On : 17 Dec 2021 9:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Dec 18 04:51:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	736888	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2331008	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2116723m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1517262	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1154446	9.484	ppbv 100
3) Chlorodifluoromethane	2.99	51	1357877	8.775	ppbv 99
4) Chloromethane	3.14	50	485783	9.221	ppbv 97
5) Vinyl Chloride	3.26	62	507054	9.811	ppbv 100
6) Bromomethane	3.47	94	270560	9.773	ppbv 99
7) Chloroethane	3.56	64	175527	9.570	ppbv 93
8) Dichlorotetrafluoroethane	3.19	85	1146457	9.468	ppbv 99
9) Propene	3.01	41	525522	9.221	ppbv 99
10) Heptane	8.11	43	1244208	8.833	ppbv 99
11) Trichlorofluoromethane	3.95	101	1086690	9.387	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	780035	9.526	ppbv 100
13) Ethanol	3.61	45	48558m	8.817	ppbv
14) Bromoethene	3.74	108	355766	9.702	ppbv 98
15) Acetone	3.84	43	627106	9.816	ppbv 98
16) 1,3-Butadiene	3.33	39	512344	10.279	ppbv 93
17) tert-Butyl alcohol	4.28	59	852817	11.004	ppbv 99
18) 1,1-Dichloroethene	4.29	96	367683	9.788	ppbv 99
19) Isopropyl Alcohol	3.96	45	474916	10.288	ppbv # 1
20) Methylene Chloride	4.34	84	308360	8.617	ppbv 99
21) Allyl Chloride	4.41	41	574966	9.722	ppbv 97
22) trans-1,2-Dichloroethene	4.88	96	368932	9.696	ppbv 97
23) Vinyl Acetate	5.07	43	903605	9.770	ppbv 99
24) 1,1-Dichloroethane	5.00	63	762766	9.904	ppbv 98
25) Ethyl Acetate	5.67	43	1927313	9.077	ppbv 99
26) Hexane	5.68	57	915160	8.942	ppbv 97
27) Carbon Disulfide	4.55	76	824717	8.996	ppbv 100
28) Methyl tert-Butyl Ether	5.02	73	861416	9.908	ppbv 100
29) Chloroform	5.74	83	1341467	8.894	ppbv 98
30) Cyclohexane	7.12	84	818587	8.810	ppbv 99
31) cis-1,2-Dichloroethene	5.54	61	900809	9.253	ppbv 99
32) 1,1,1-Trichloroethane	6.50	97	1346600	8.797	ppbv 99
34) 2-Butanone	5.24	43	887570	9.443	ppbv 99
35) Carbon Tetrachloride	7.01	117	1334740	8.150	ppbv 98
36) Benzene	6.88	78	1975544	8.496	ppbv 99
37) 1,2-Dichloroethane	6.30	62	977228	8.702	ppbv 99
38) Trichloroethene	7.83	130	746343	8.509	ppbv 95
39) 1,2-Dichloropropane	7.60	63	756526	8.482	ppbv 96
40) 1,4-Dioxane	7.82	88	168711m	7.260	ppbv
41) Tetrahydrofuran	6.04	42	473252	8.111	ppbv 97
42) Bromodichloromethane	7.78	83	1410956	8.264	ppbv 99
43) Methyl Methacrylate	8.01	69	725715	9.123	ppbv 98

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 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 18 04:51:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3208768	8.248	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	663627	10.400	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	830840	9.627	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	798032	8.543	ppbv	97
48) Dibromochloromethane	10.29	129	1237116	8.696	ppbv	99
49) Bromoform	13.03	173	887279	8.718	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1303297	9.130	ppbv	100
51) 2-Hexanone	10.12	43	684344	10.190	ppbv #	94
52) Tetrachloroethene	11.21	164	693147	8.056	ppbv	97
53) Toluene	9.79	91	2293080	8.571	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1165619	8.834	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	824485	8.580	ppbv	97
57) Chlorobenzene	12.13	112	1666561	8.784	ppbv	98
58) Ethyl Benzene	12.70	91	2975813	8.506	ppbv	99
59) m/p-Xylene	12.98	91	4919071m	16.703	ppbv	
60) o-Xylene	13.68	91	2233374	8.175	ppbv	98
61) Styrene	13.51	104	1307866	8.929	ppbv	99
62) Isopropylbenzene	14.65	105	3280019	8.458	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1533599	7.557	ppbv	97
64) n-propylbenzene	15.55	120	842796	8.531	ppbv	96
65) tert-Butylbenzene	16.73	119	2814478	8.238	ppbv	97
66) Benzyl Chloride	16.98	91	176105	10.170	ppbv	97
67) sec-Butylbenzene	17.28	105	3926680	8.248	ppbv	100
69) p-Isopropyltoluene	17.64	119	3264210	8.765	ppbv	99
70) n-Butylbenzene	18.54	91	3170427	8.904	ppbv	100
71) 2-Chlorotoluene	15.44	91	2304094	8.126	ppbv	97
72) 4-Ethyltoluene	15.82	105	2863539	9.040	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	2520556	8.712	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2540546	8.522	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	1489781	9.098	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	1468864	8.914	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	1423684	8.979	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	836637	8.451	ppbv	99
79) Naphthalene	22.18	128	1747657	11.131	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	401146	11.922	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	947105	10.498	ppbv	99

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

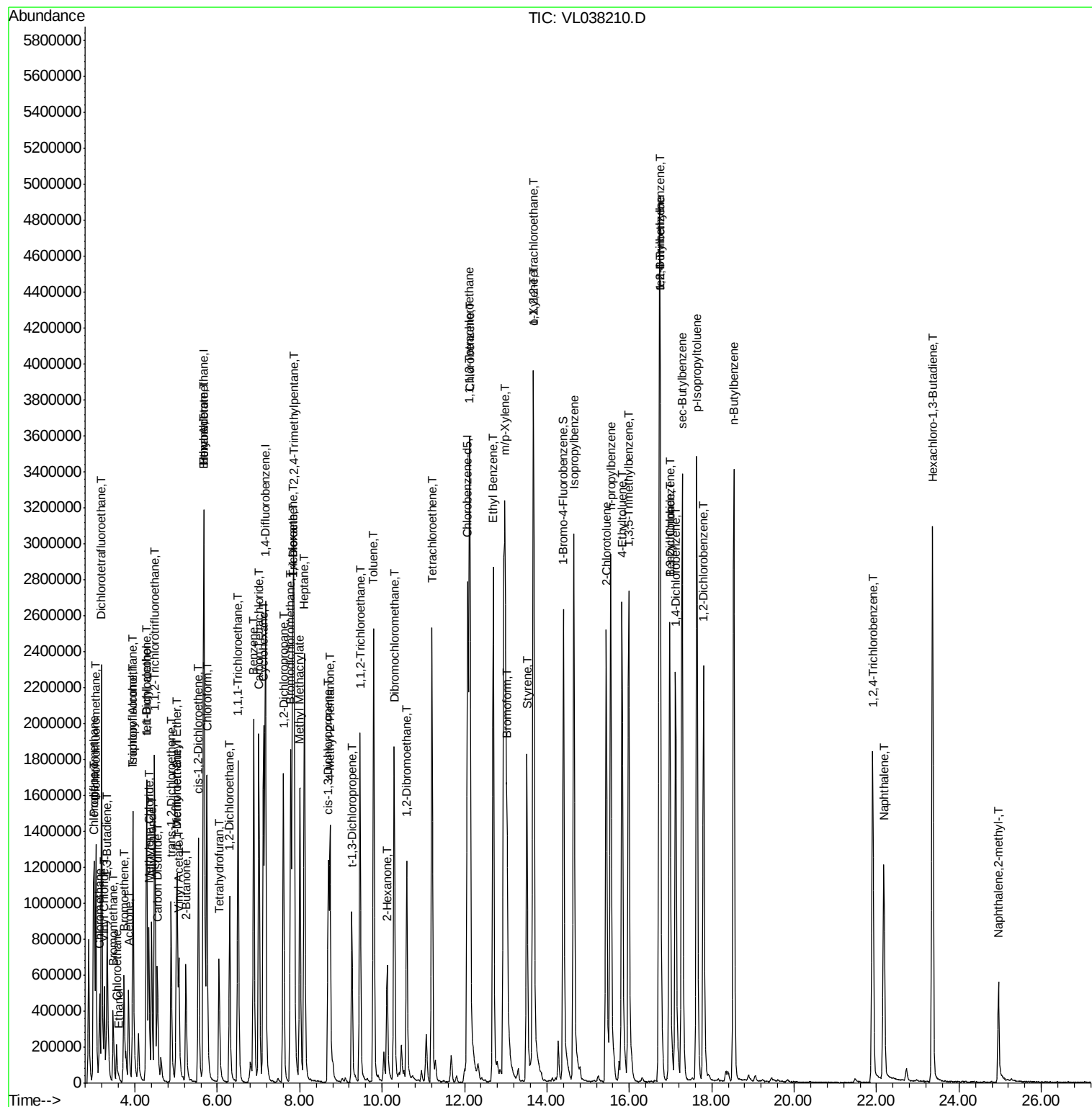
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
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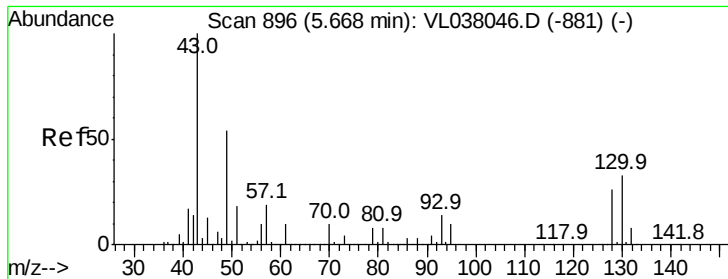
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Dec 18 04:51:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Nov 18 13:16:09 2021
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Manual Integrations
APPROVED

Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 55.

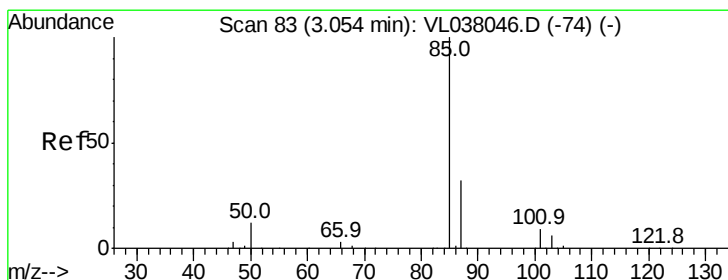
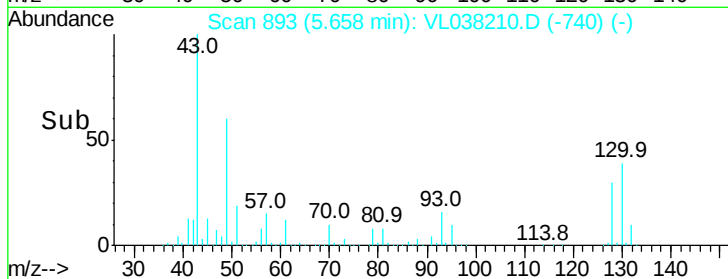
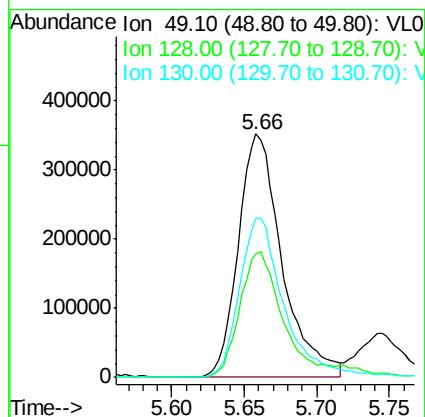
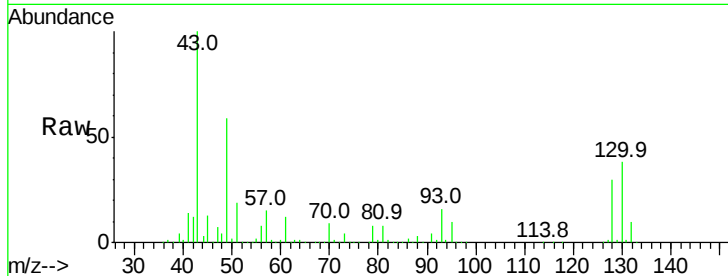
130 68.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#2

Dichlorodifluoromethane

Concen: 9.484 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038210.D

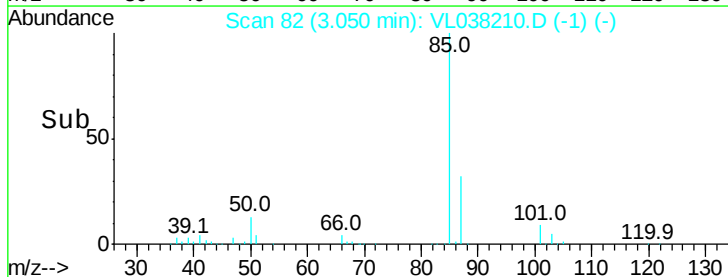
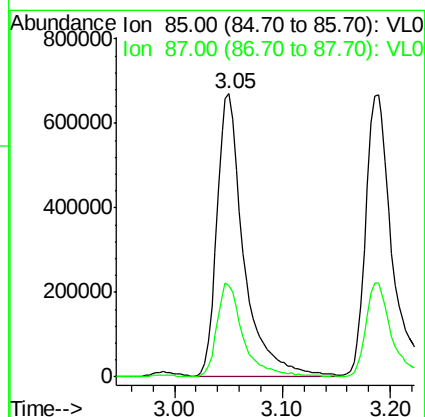
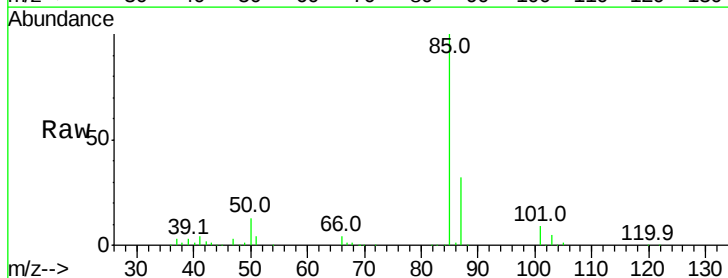
Acq: 17 Dec 2021 9:16

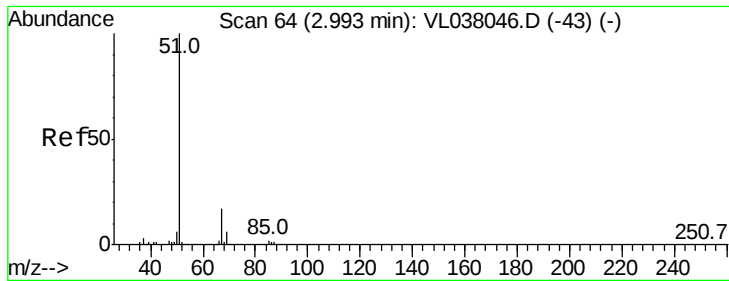
Tgt Ion: 85 Resp: 1154446

Ion Ratio Lower Upper

85 100

87 32.3 25.8 38.6





#3

Chlorodifluoromethane

Concen: 8.775 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

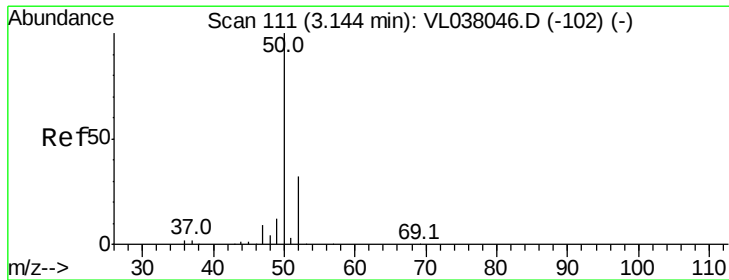
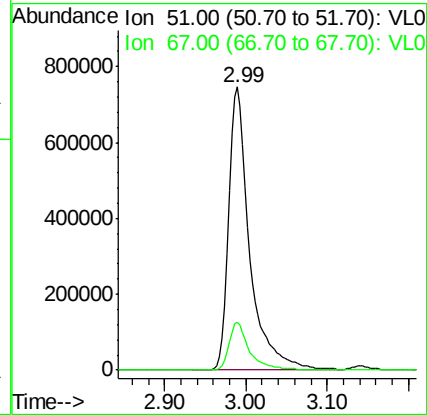
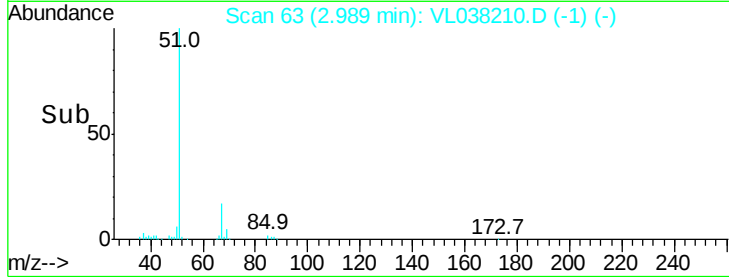
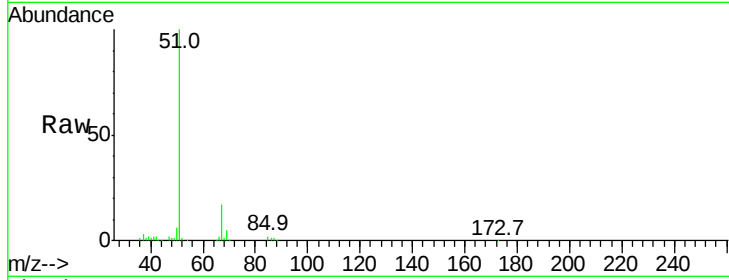
67 16.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#4

Chloromethane

Concen: 9.221 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038210.D

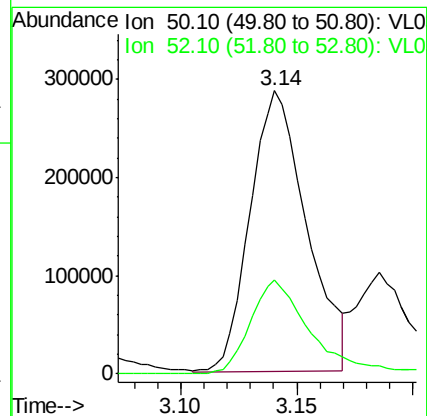
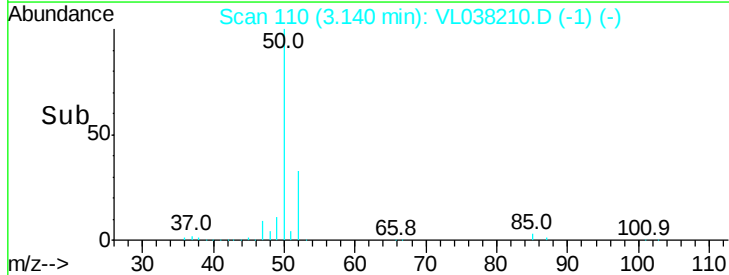
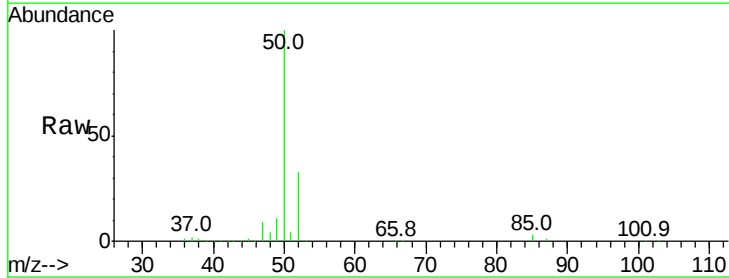
Acq: 17 Dec 2021 9:16

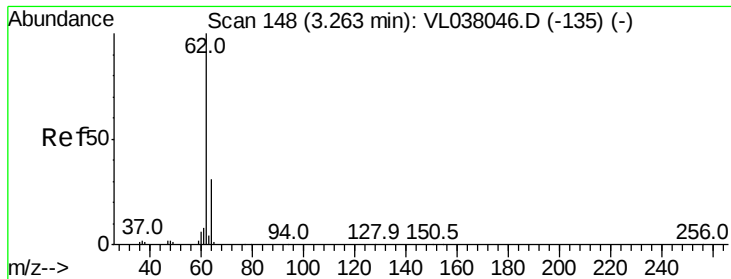
Tgt Ion: 50 Resp: 485783

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.0





#5

Vinyl Chloride

Concen: 9.811 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

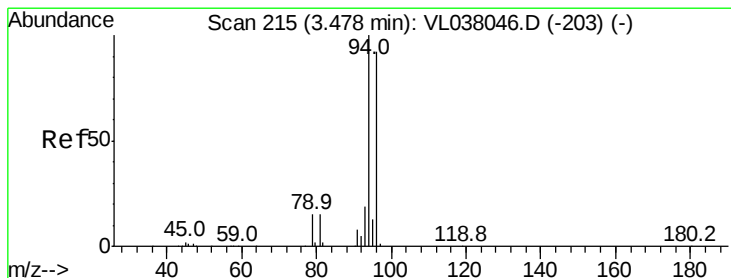
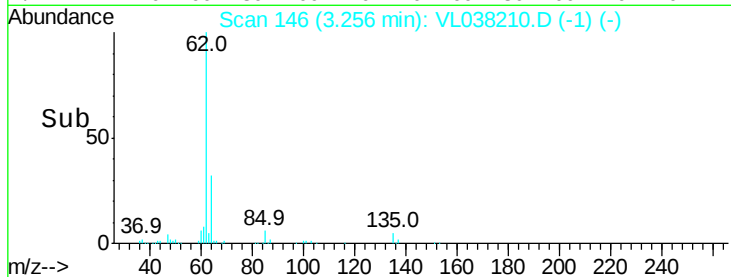
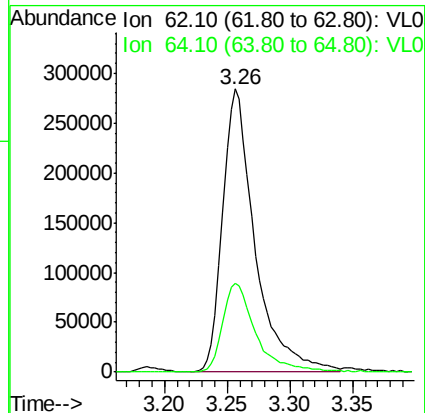
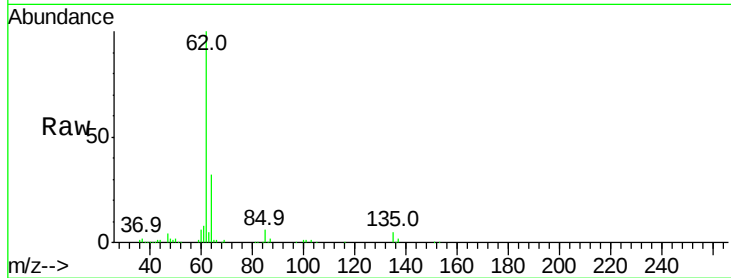
64 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#6

Bromomethane

Concen: 9.773 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038210.D

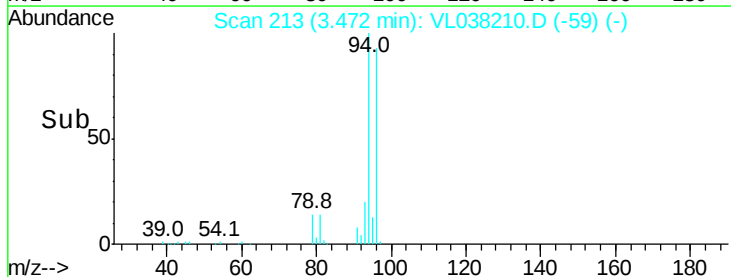
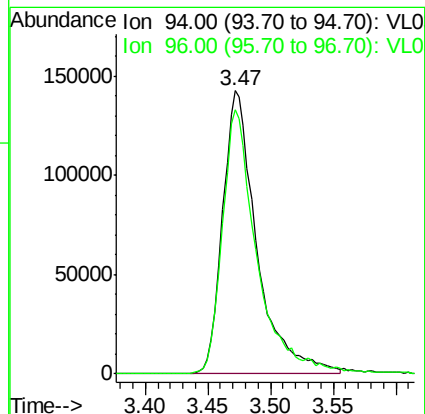
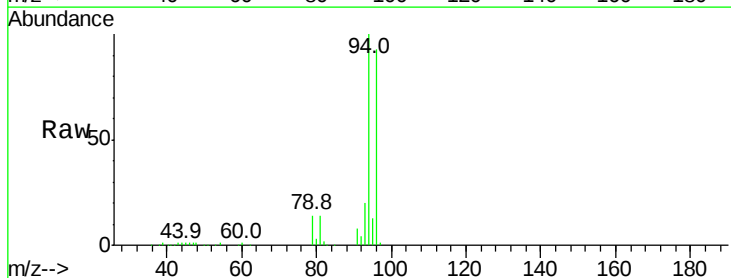
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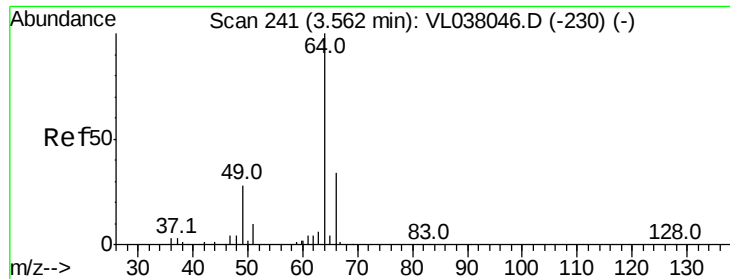
Tgt Ion: 94 Resp: 270560

Ion Ratio Lower Upper

94 100

96 93.2 73.9 110.9





#7

Chloroethane

Concen: 9.570 ppbv

RT: 3.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:10 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

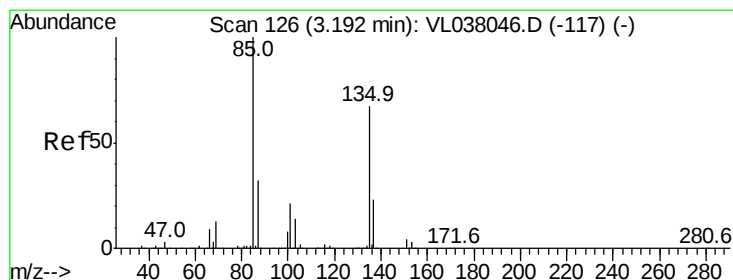
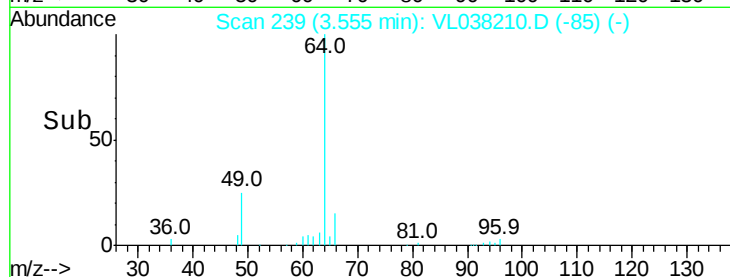
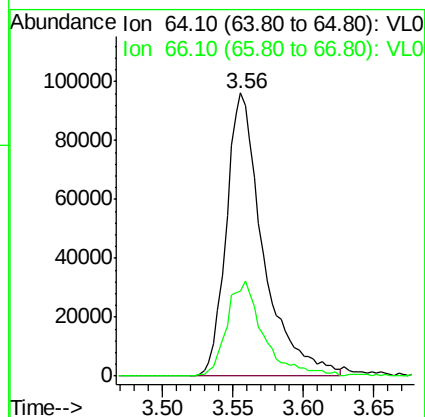
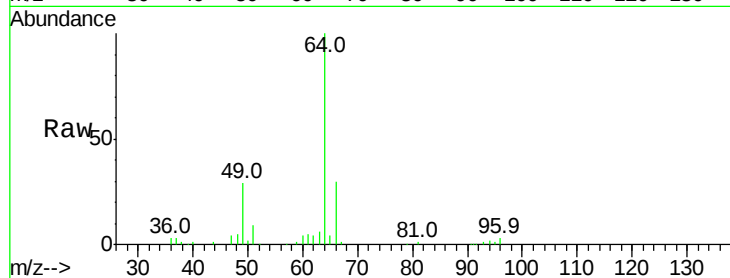
66 30.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#8

Dichlorotetrafluoroethane

Concen: 9.468 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038210.D

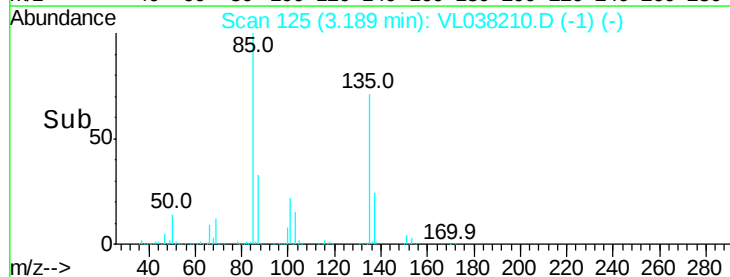
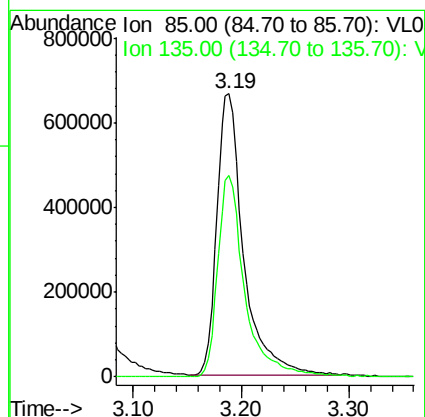
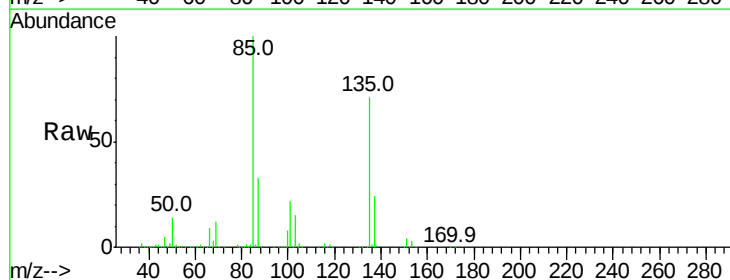
Acq: 17 Dec 2021 9:16

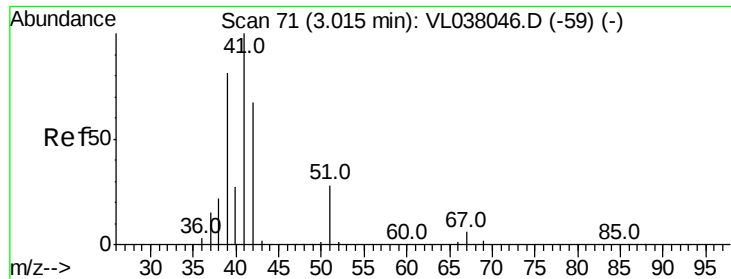
Tgt Ion: 85 Resp: 1146457

Ion Ratio Lower Upper

85 100

135 73.3 57.9 86.9



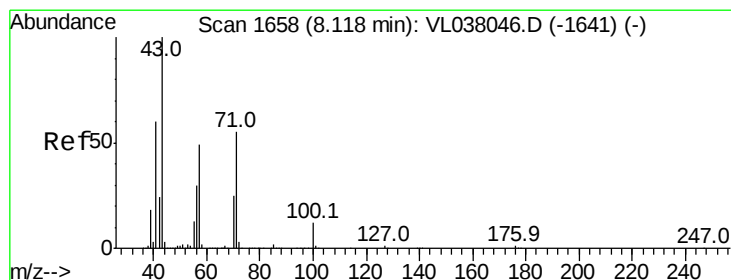
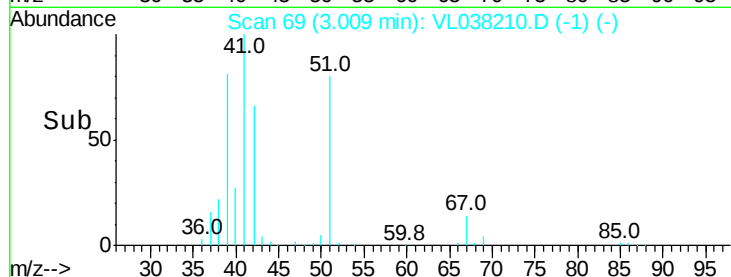
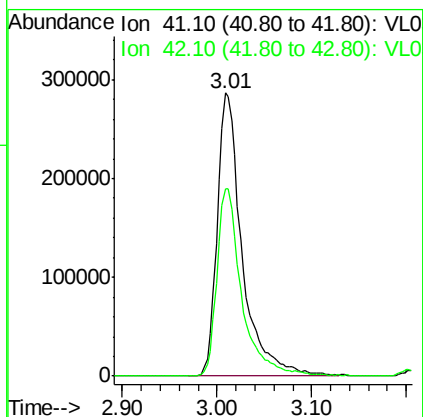
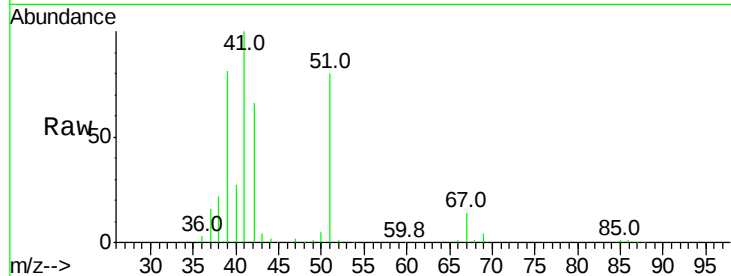


#9
 Propene
 Concen: 9.221 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:
 Ion Ratio
 41 100
 42 66.

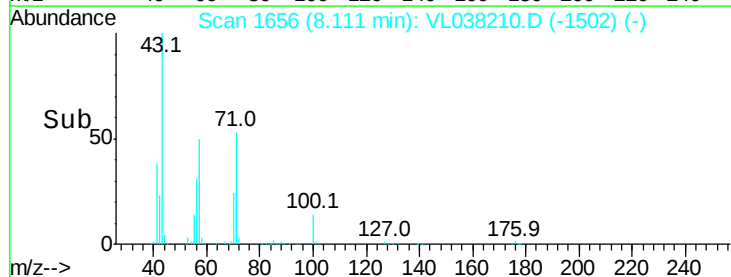
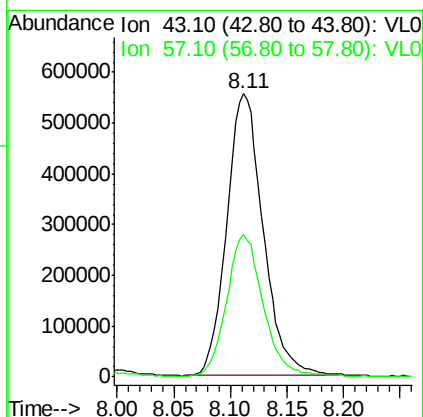
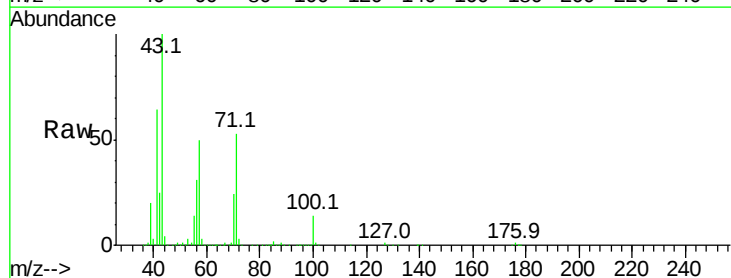
Manual Integrations
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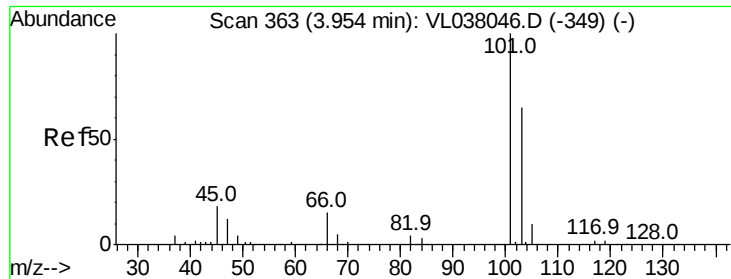
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#10
 Heptane
 Concen: 8.833 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion: 43 Resp: 1244208
 Ion Ratio Lower Upper
 43 100
 57 49.8 40.4 60.6



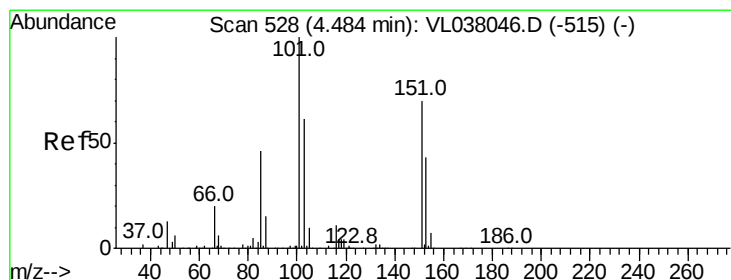
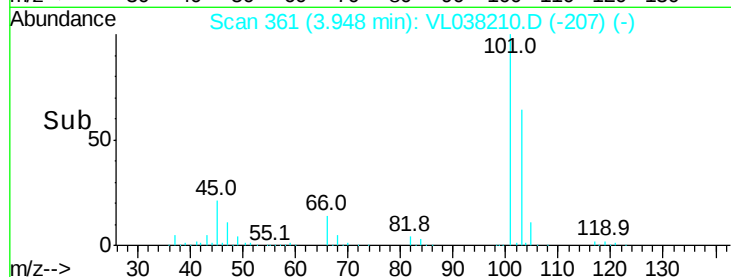
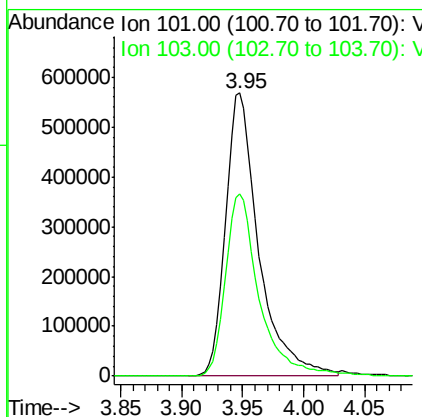
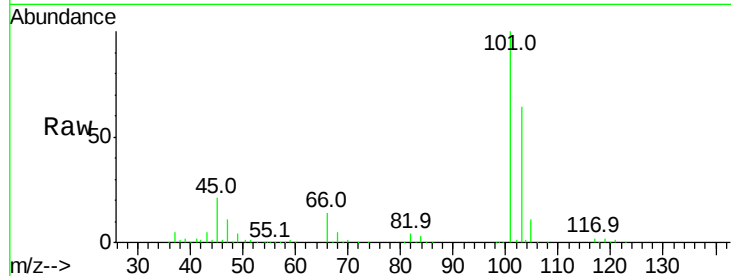


#11
 Trichlorofluoromethane
 Concen: 9.387 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:1
 Ion Rati
 101 100
 103 64.

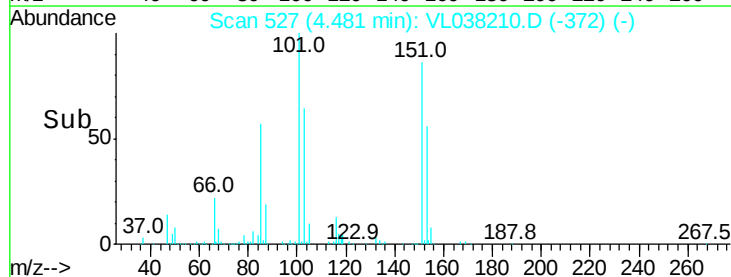
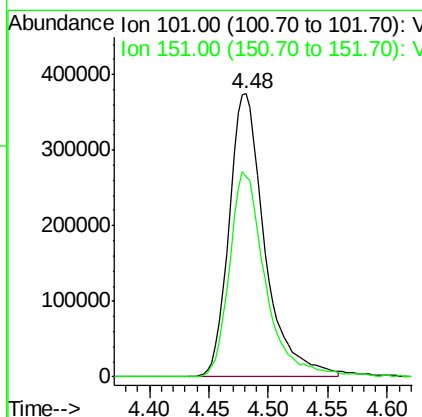
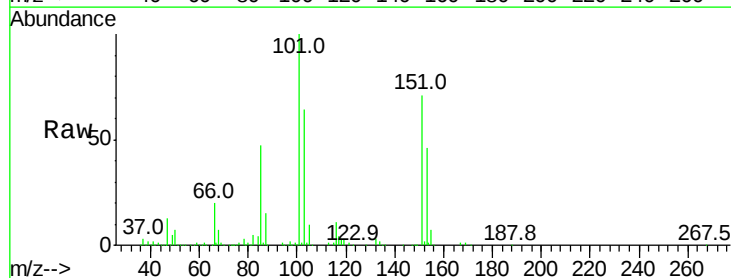
Manual Integrations
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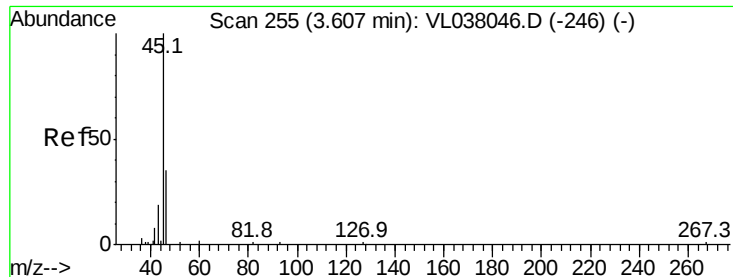
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.526 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion:101 Resp: 780035
 Ion Ratio Lower Upper
 101 100
 151 73.5 59.0 88.4



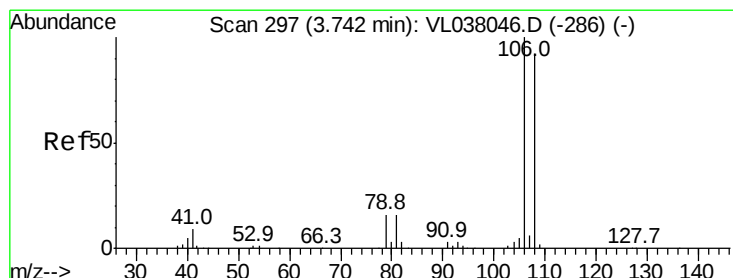
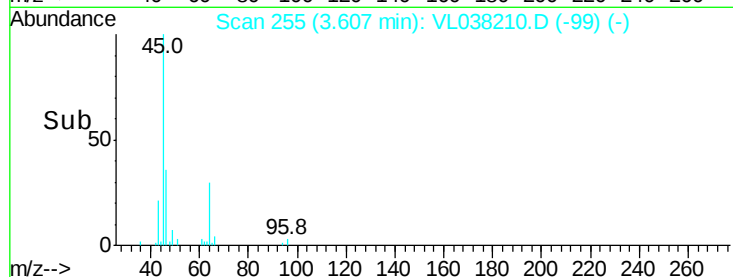
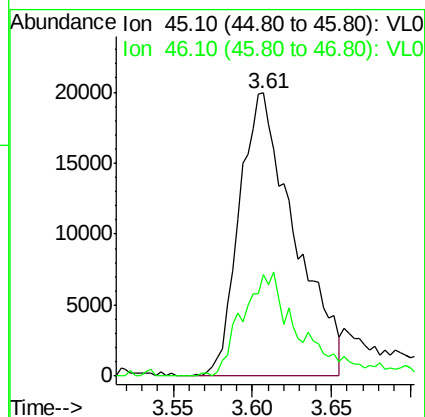
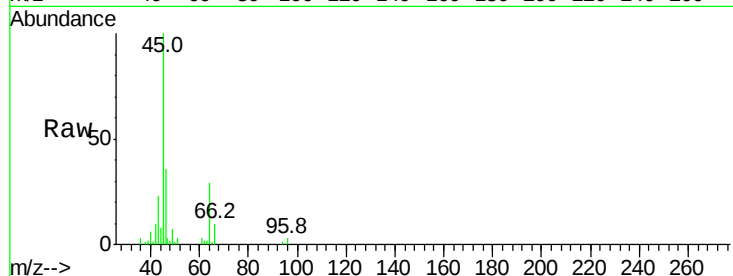


#13
Ethanol
Concen: 8.817 ppbv m
RT: 3.61
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
45 100
46 40.

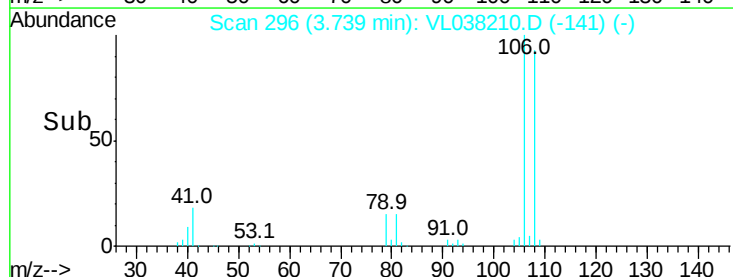
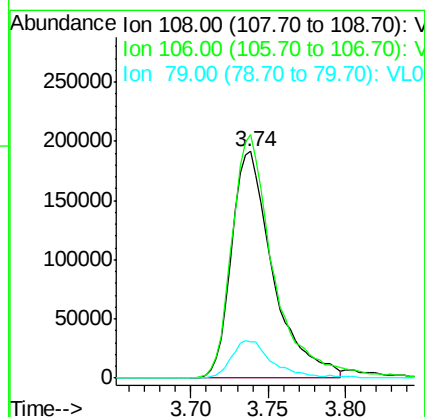
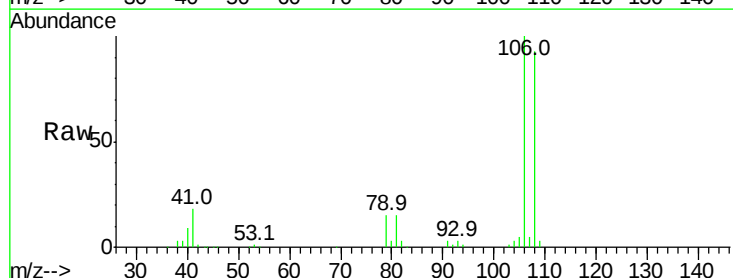
Manual Integrations
APPROVED

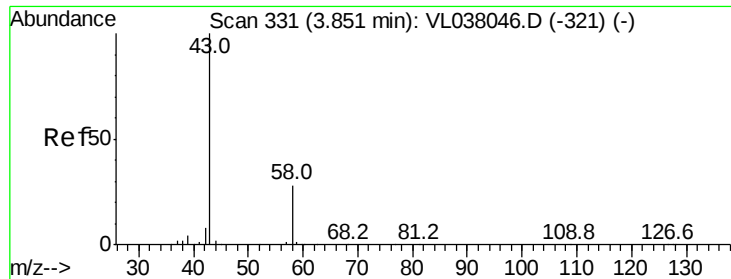
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#14
Bromoethene
Concen: 9.702 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion:108 Resp: 355766
Ion Ratio Lower Upper
108 100
106 109.4 89.4 134.0
79 17.0 14.1 21.1





#15

Acetone

Concen: 9.816 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

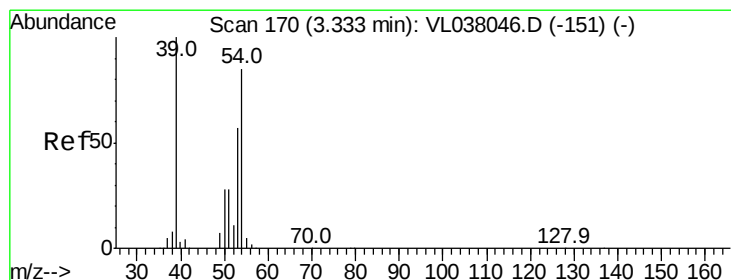
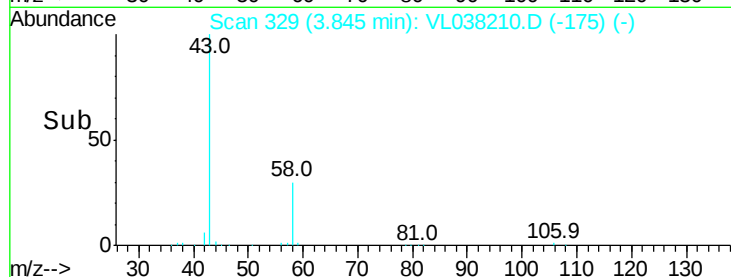
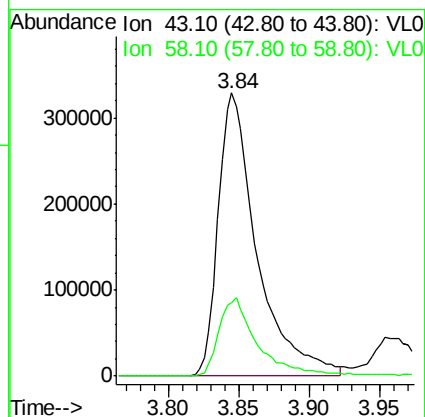
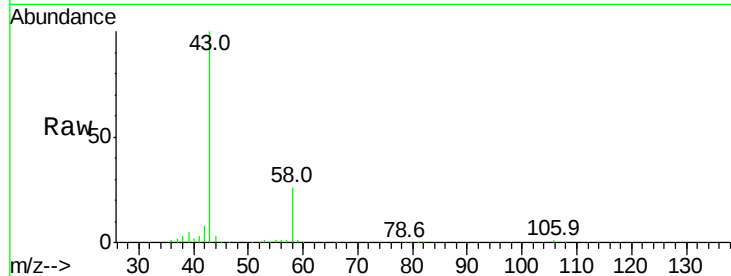
58 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#16

1,3-Butadiene

Concen: 10.279 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL038210.D

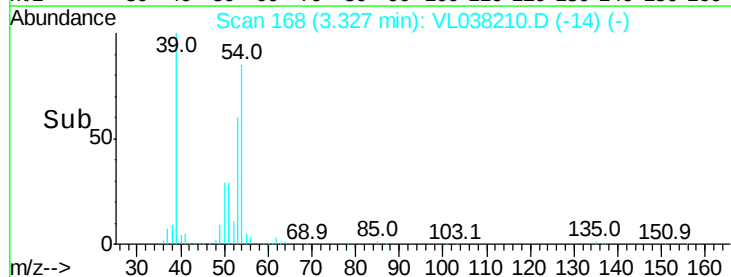
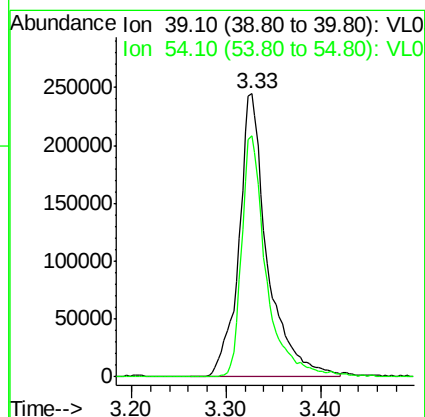
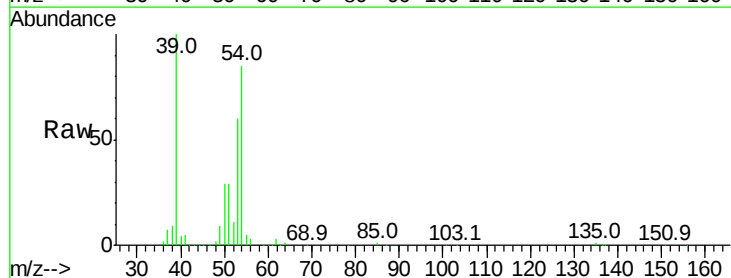
Acq: 17 Dec 2021 9:16

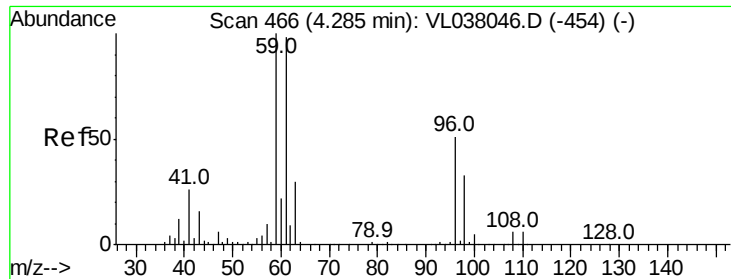
Tgt Ion: 39 Resp: 512344

Ion Ratio Lower Upper

39 100

54 74.3 64.4 96.6



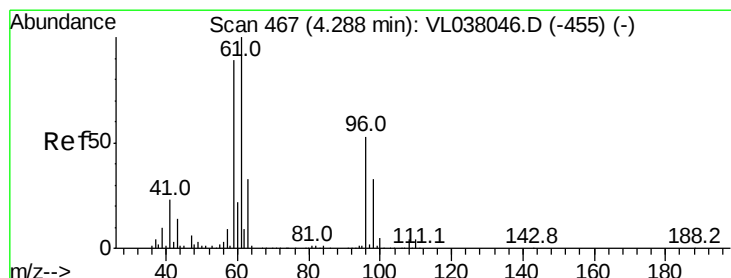
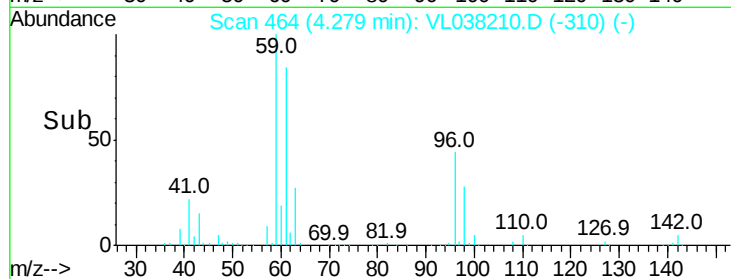
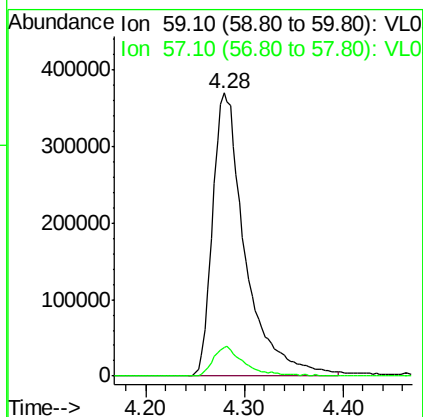
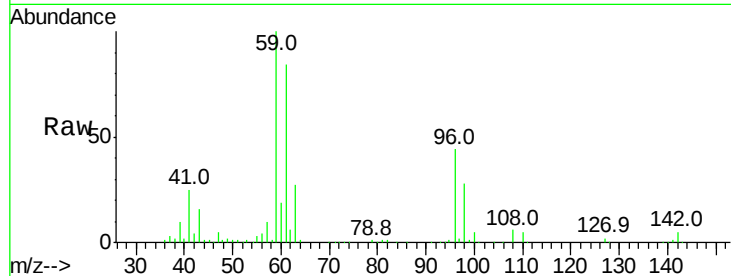


#17
tert-Butyl alcohol
Concen: 11.004 ppbv
RT: 4.28 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
59 100
57 10.

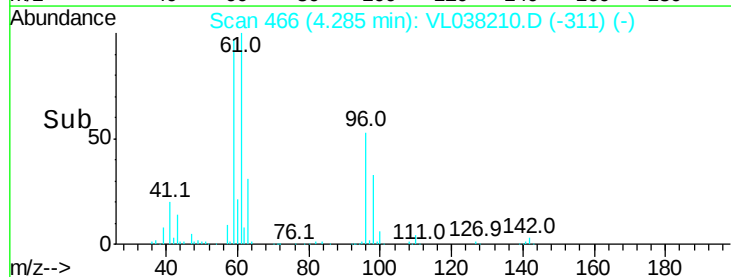
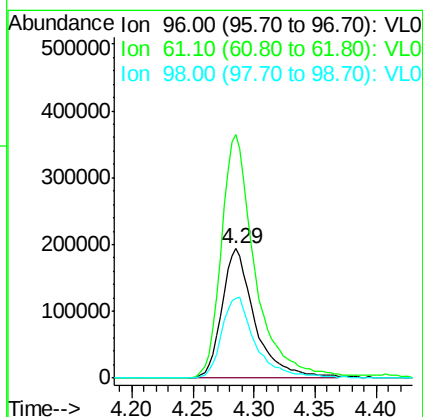
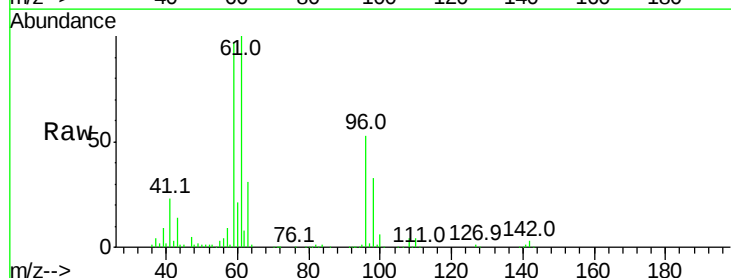
Manual Integrations
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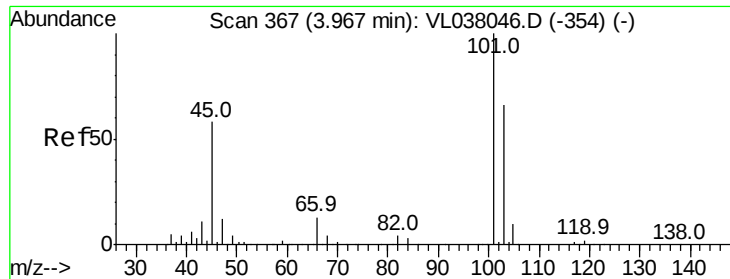
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#18
1,1-Dichloroethene
Concen: 9.788 ppbv
RT: 4.29 min Scan# 466
Delta R.T.: -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 96 Resp: 367683
Ion Ratio Lower Upper
96 100
61 188.4 149.8 224.8
98 61.8 50.2 75.2



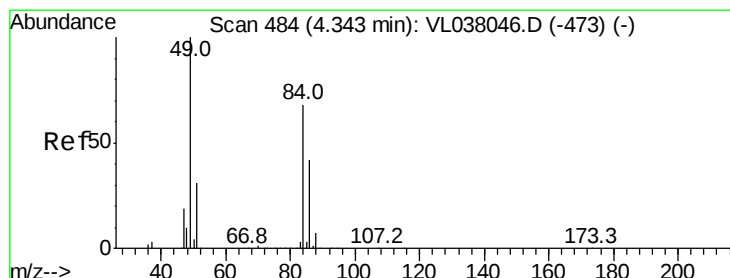
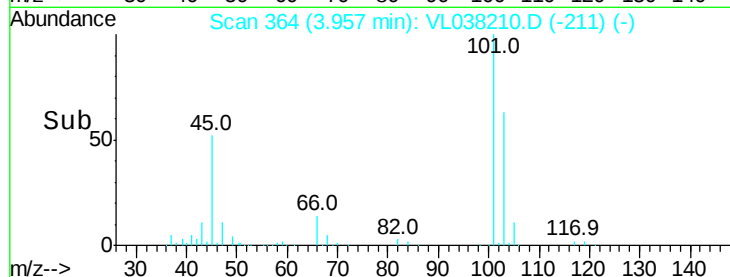
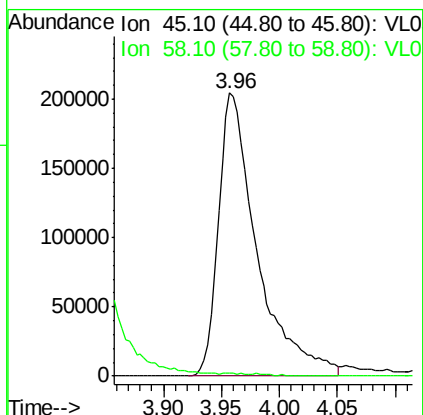
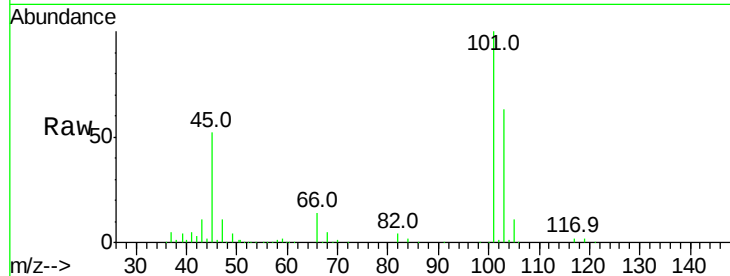


#19
Isopropyl Alcohol
Concen: 10.288 ppbv
RT: 3.96 min
Delta R.T.: 0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
45 100
58 38.

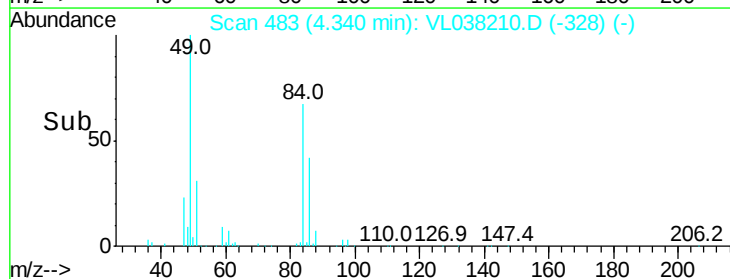
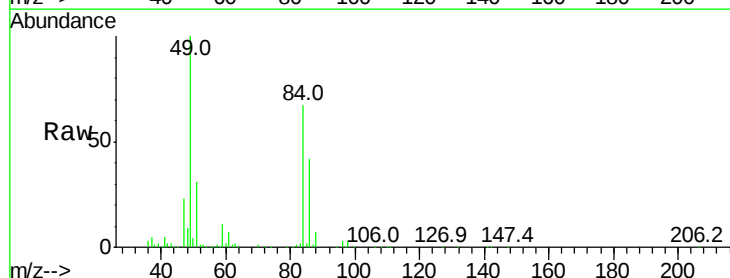
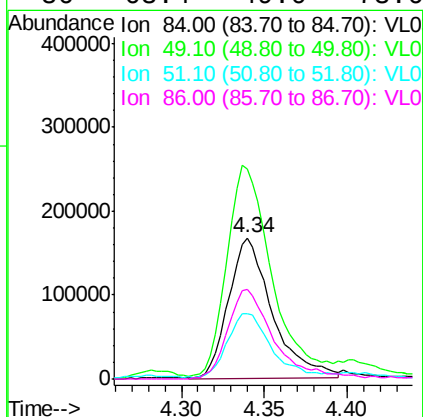
Manual Integrations
APPROVED

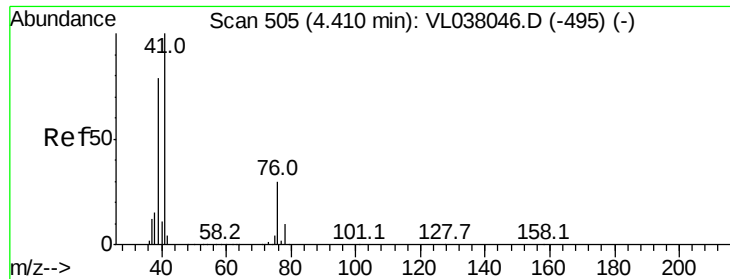
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#20
Methylene Chloride
Concen: 8.617 ppbv
RT: 4.34 min Scan# 483
Delta R.T.: -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 84 Resp: 308360
Ion Ratio Lower Upper
84 100
49 147.6 118.2 177.2
51 44.8 36.8 55.2
86 63.4 49.0 73.6



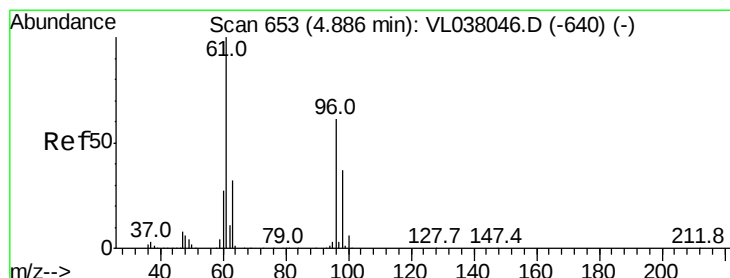
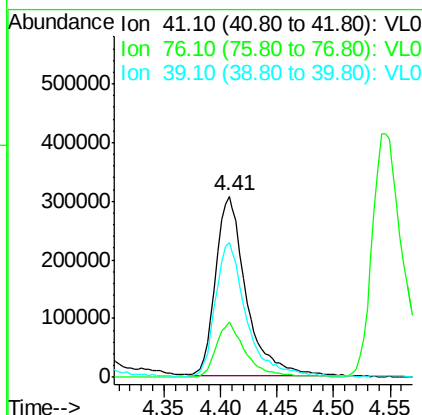
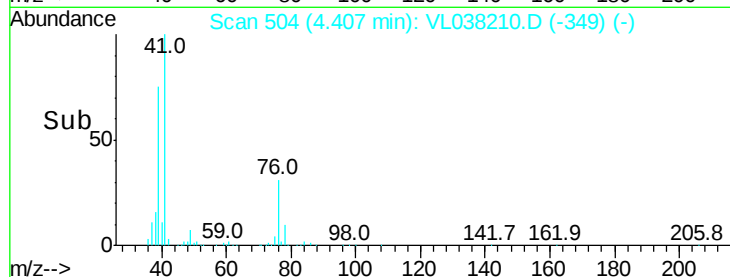
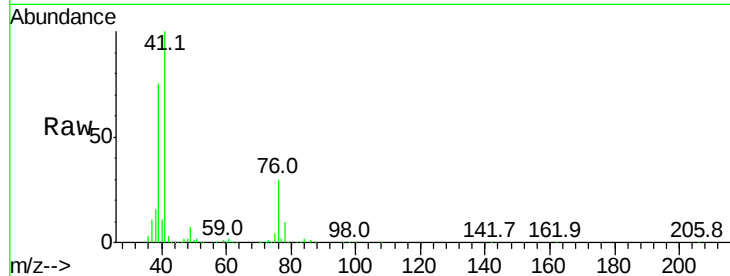


#21
Allvl Chloride
Concen: 9.722 ppbv
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
41 100
76 30.
39 76.

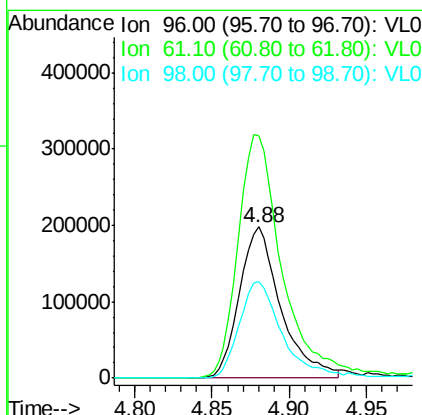
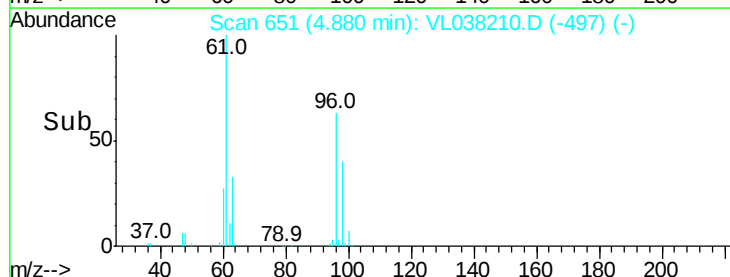
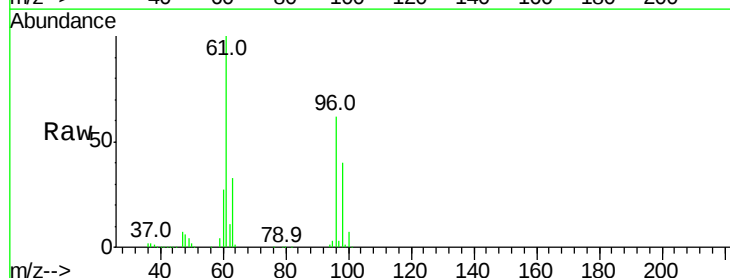
Manual Integrations
APPROVED

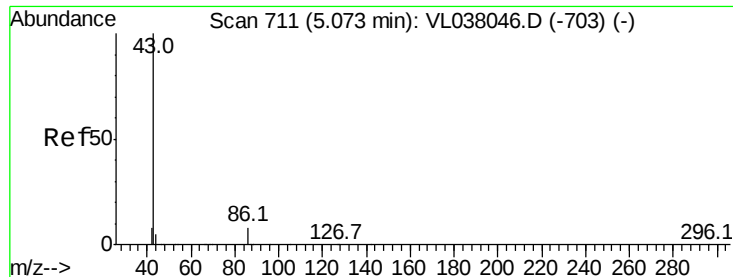
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#22
trans-1,2-Dichloroethene
Concen: 9.696 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 96 Resp: 368932
Ion Ratio Lower Upper
96 100
61 160.3 131.6 197.4
98 63.6 48.4 72.6





#23

Vinyl Acetate

Concen: 9.770 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:16

Tot Ion:

Ion Ratio

43 100

86 6.

42 8.

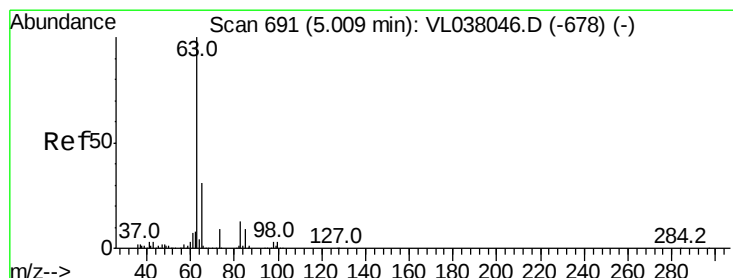
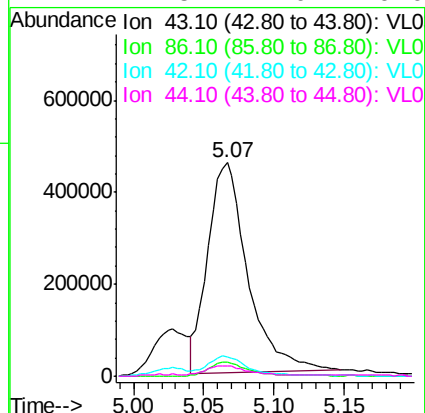
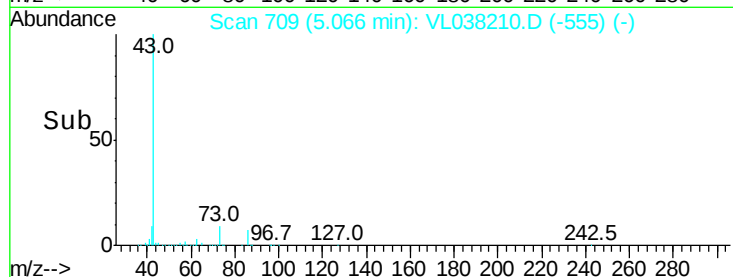
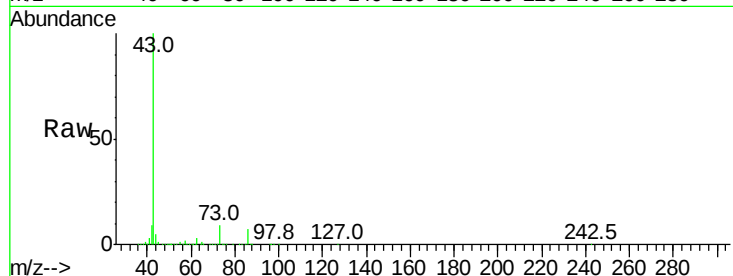
44 4.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#24

1,1-Dichloroethane

Concen: 9.904 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion: 63 Resp: 762766

Ion Ratio Lower Upper

63 100

98 4.2

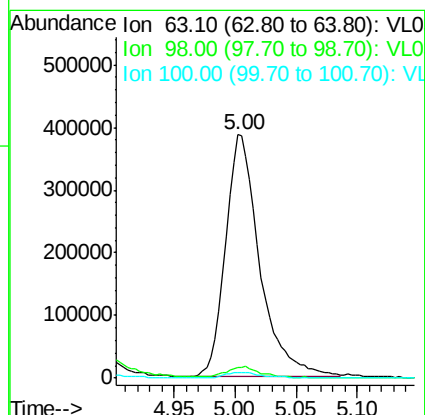
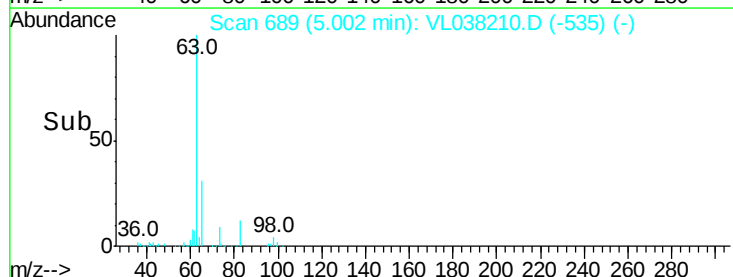
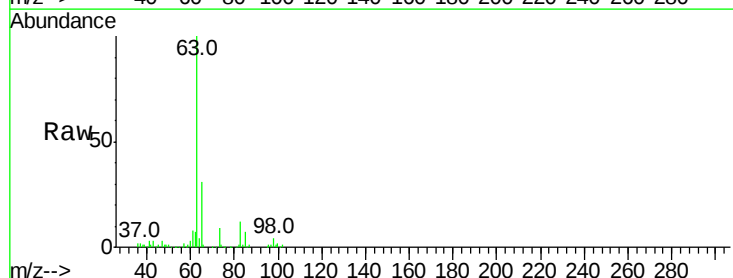
100 2.3

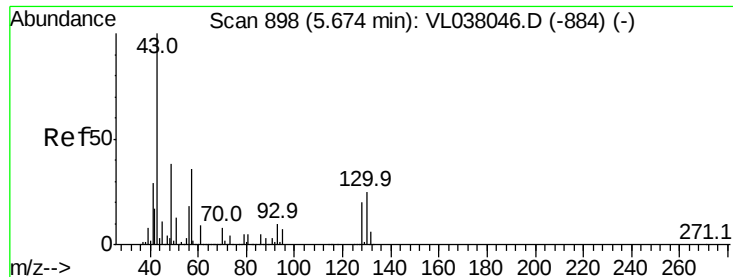
1.8

5.4

1.4

4.0



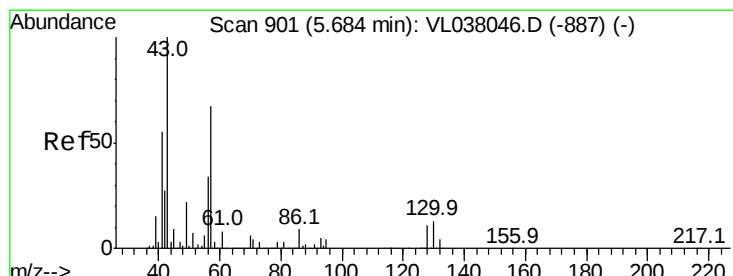
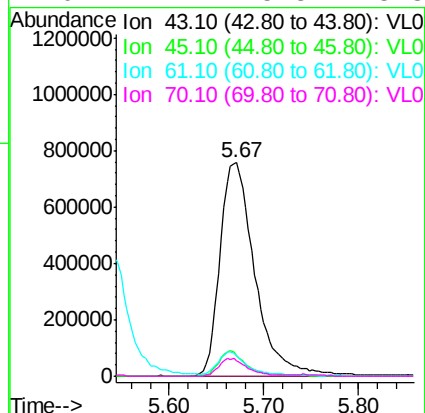
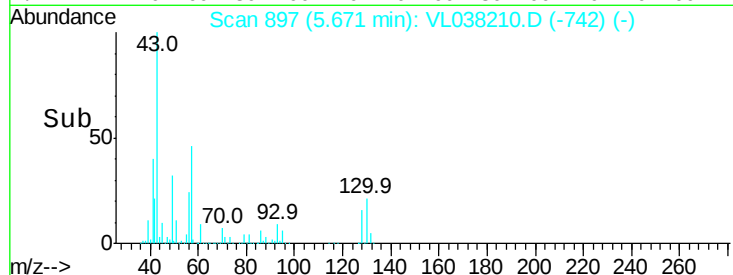
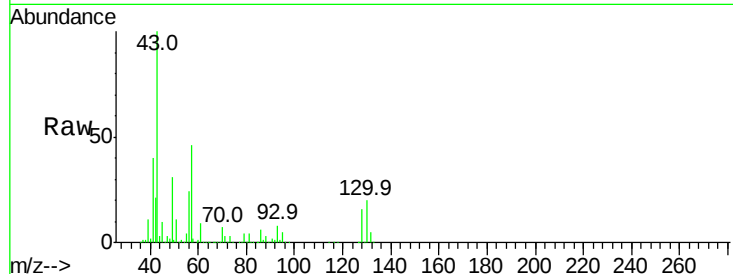


#25
Ethyl Acetate
Concen: 9.077 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.1 5.8 8.8

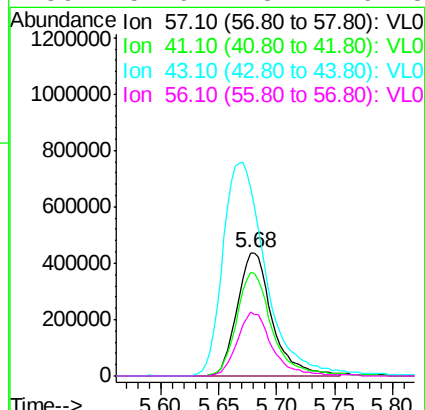
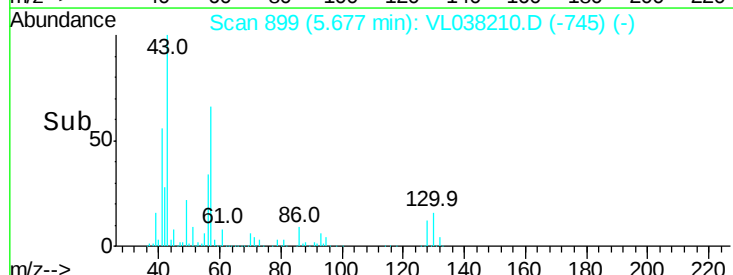
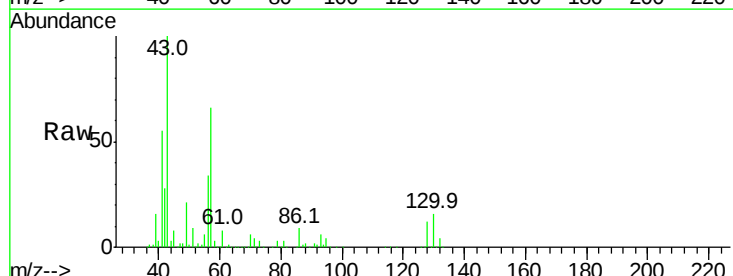
Manual Integrations
APPROVED

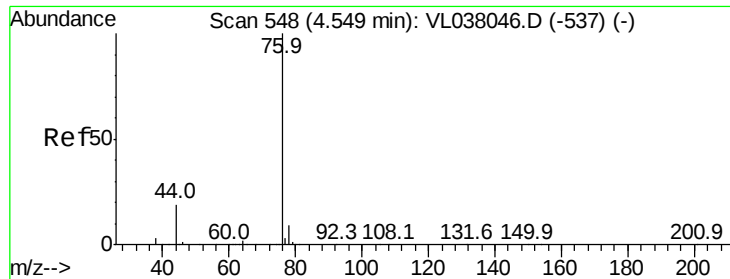
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#26
Hexane
Concen: 8.942 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 57 Resp: 915160
Ion Ratio Lower Upper
57 100
41 86.2 71.4 107.2
43 213.1 174.6 261.8
56 51.9 43.2 64.8



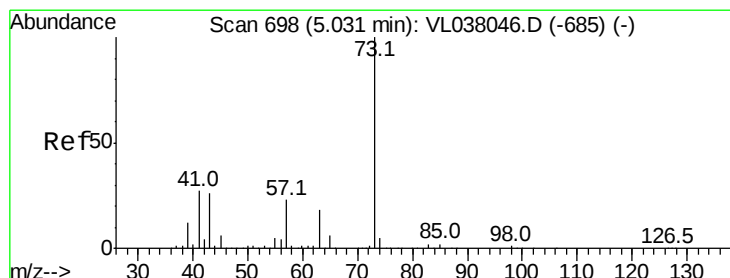
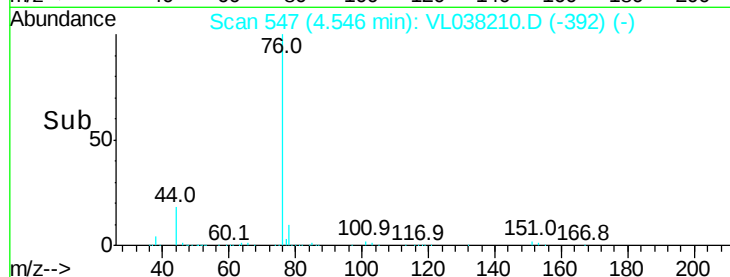
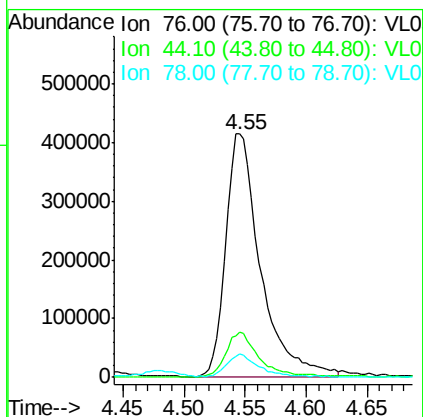
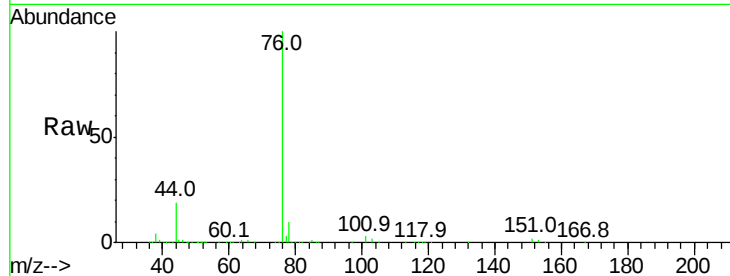


#27
Carbon Disulfide
Concen: 8.996 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
76 100
44 18.1
78 9.9

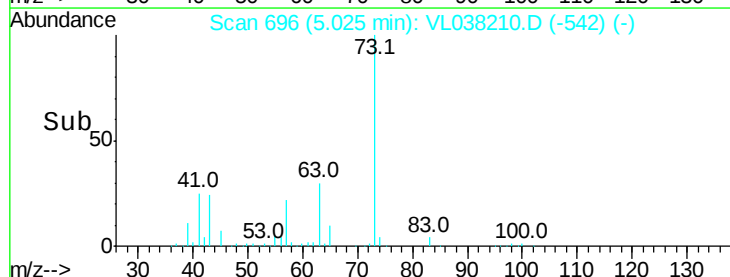
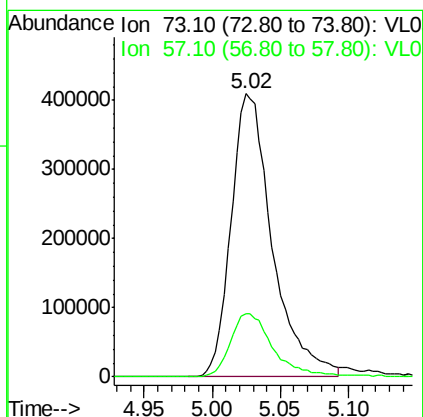
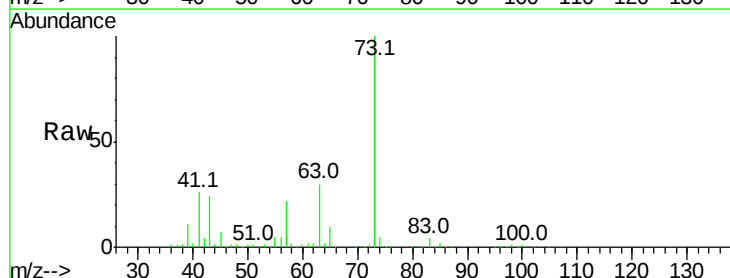
Manual Integrations
APPROVED

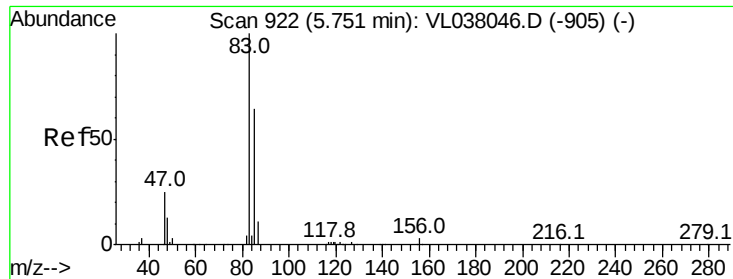
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#28
Methyl tert-Butyl Ether
Concen: 9.908 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 73 Resp: 861416
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.4



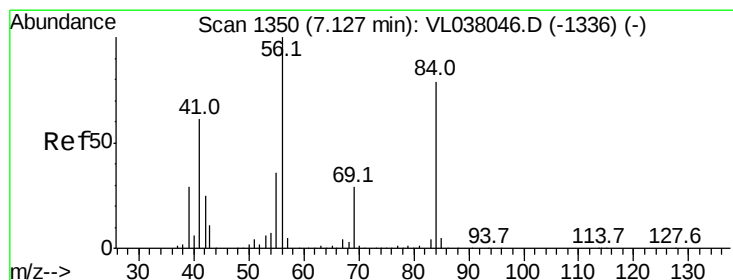
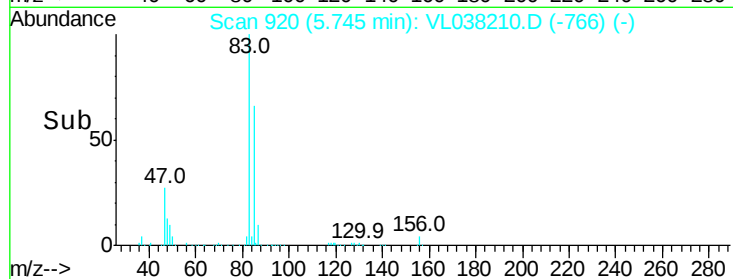
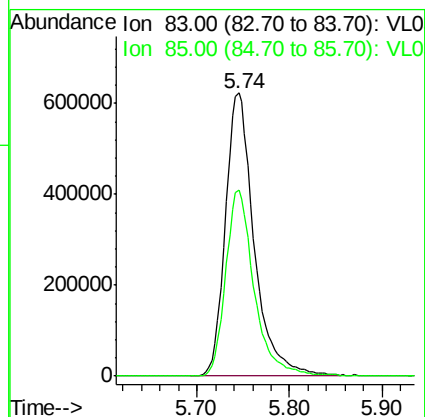
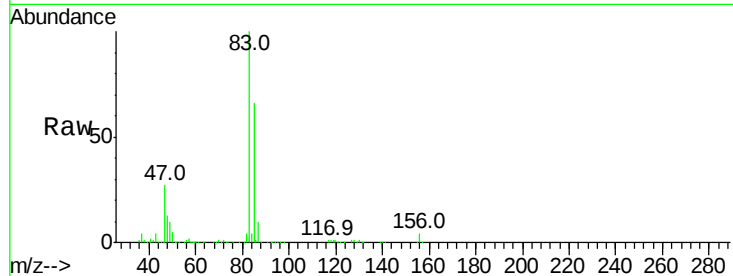


#29
Chloroform
Concen: 8.894 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:
Ion Ratio
83 100
85 65.

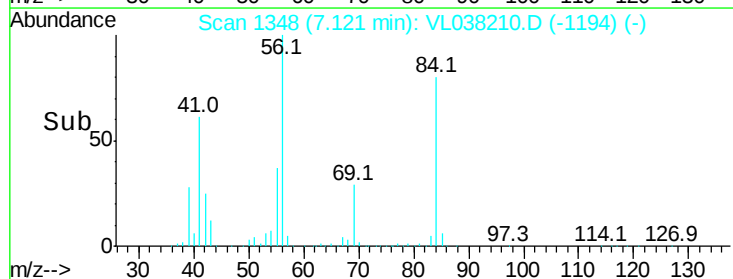
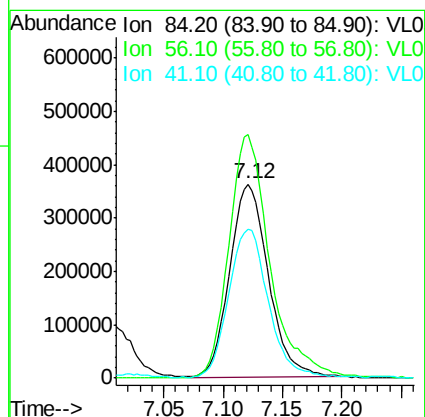
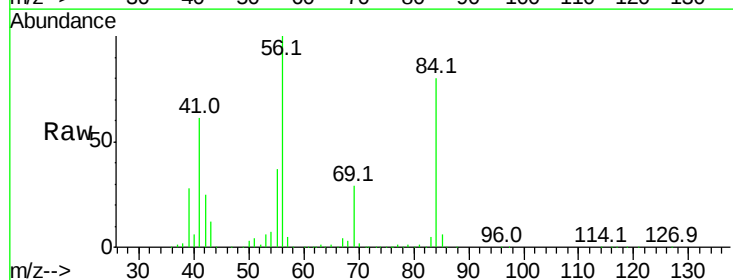
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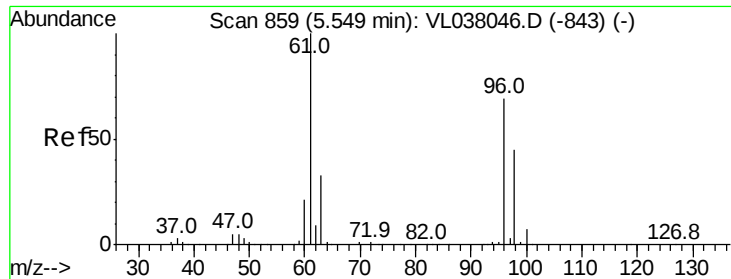
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#30
Cyclohexane
Concen: 8.810 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 84 Resp: 818587
Ion Ratio Lower Upper
84 100
56 134.3 108.1 162.1
41 78.4 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.253 ppbv

RT: 5.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 17 Dec 2021 9:16

Tot Ion:

Ion Ratio

61 100

96 70.

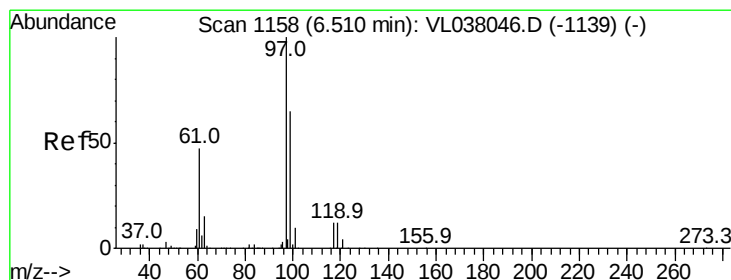
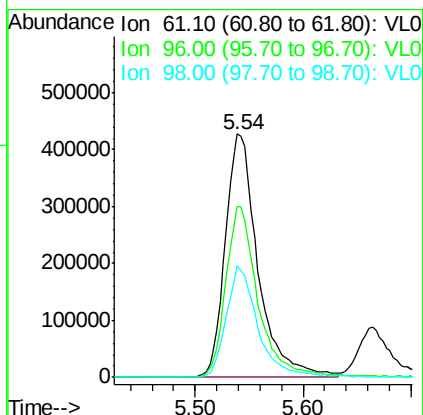
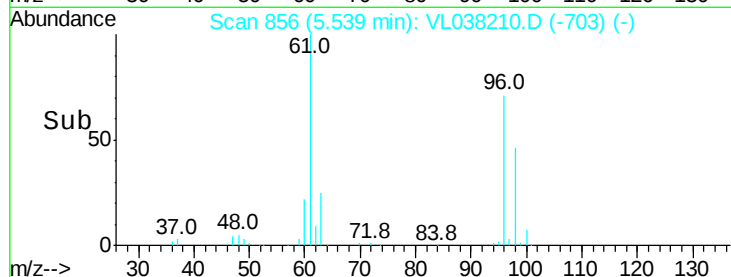
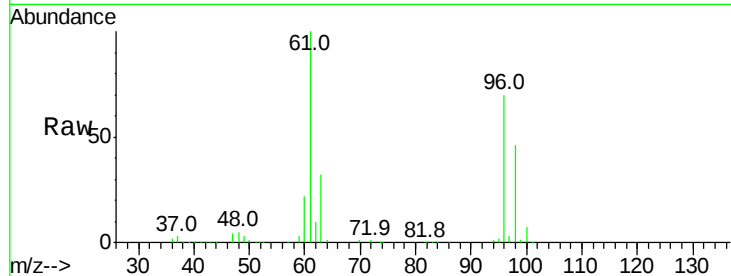
98 45.

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#32

1,1,1-Trichloroethane

Concen: 8.797 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

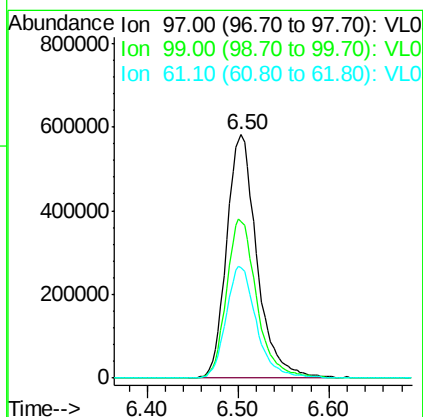
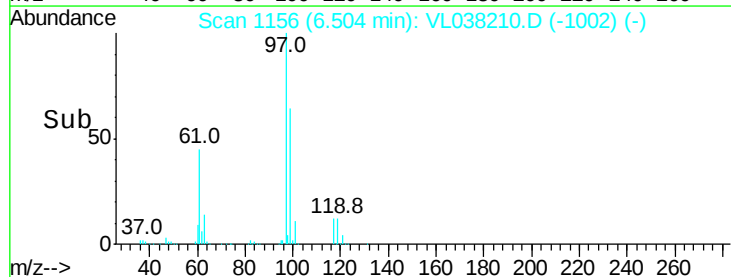
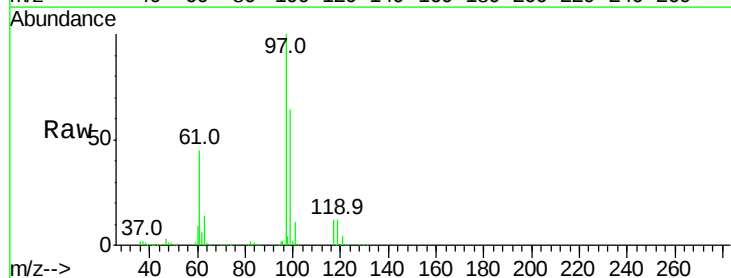
Tgt Ion: 97 Resp: 1346600

Ion Ratio Lower Upper

97 100

99 65.1 52.2 78.4

61 45.9 37.7 56.5



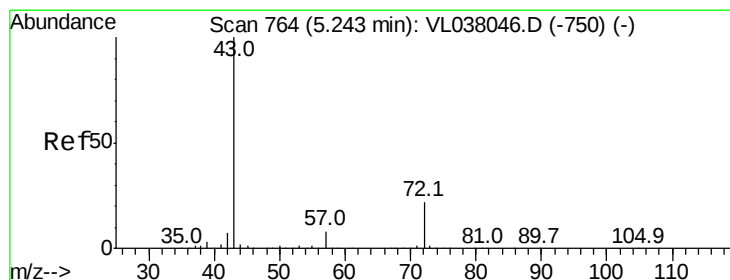
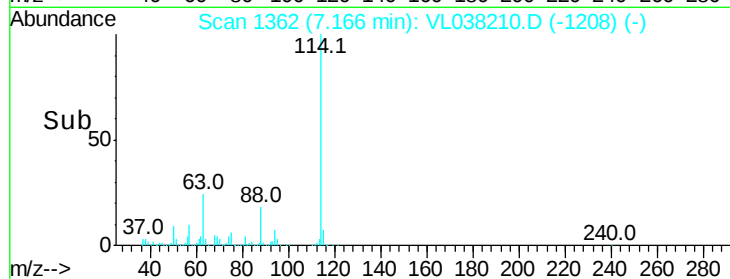
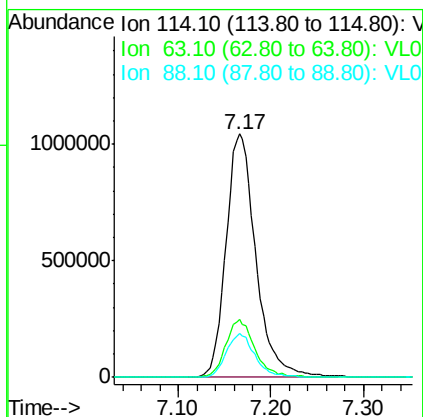
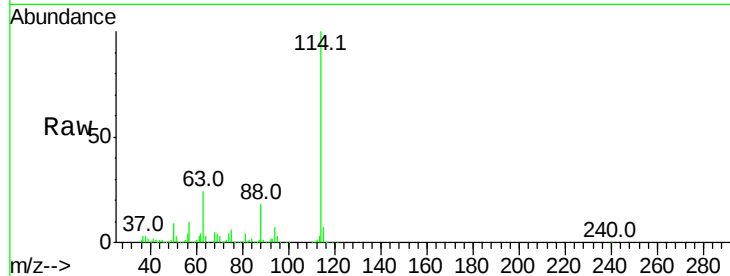


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:1
 Ion Rati
 114 100
 63 23.
 88 17.

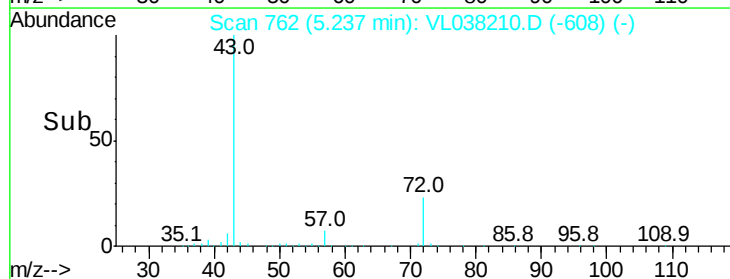
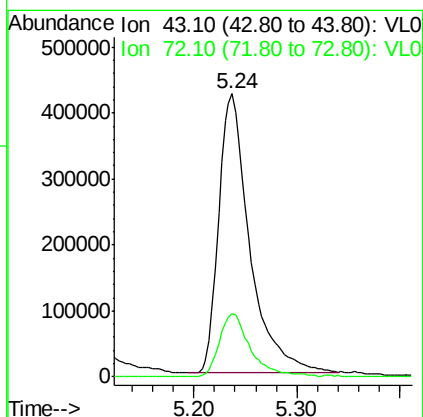
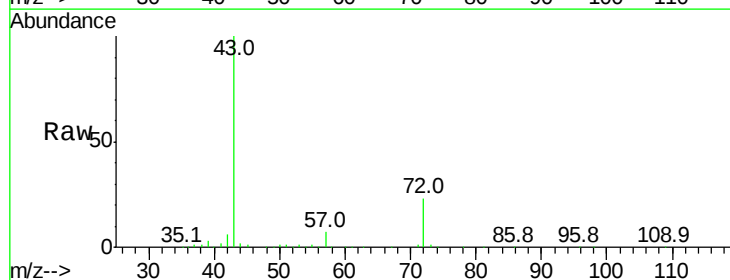
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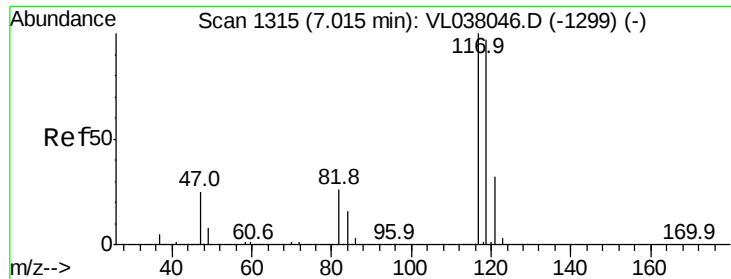
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#34
 2-Butanone
 Concen: 9.443 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion: 43 Resp: 887570
 Ion Ratio Lower Upper
 43 100
 72 23.2 18.8 28.2



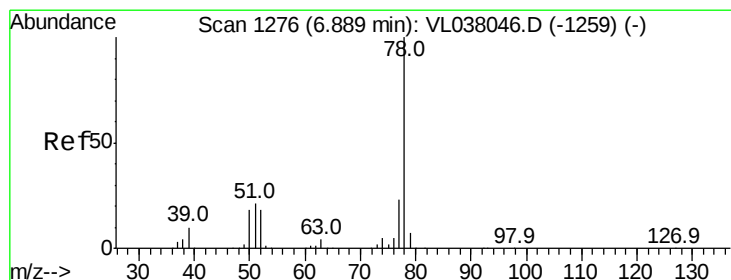
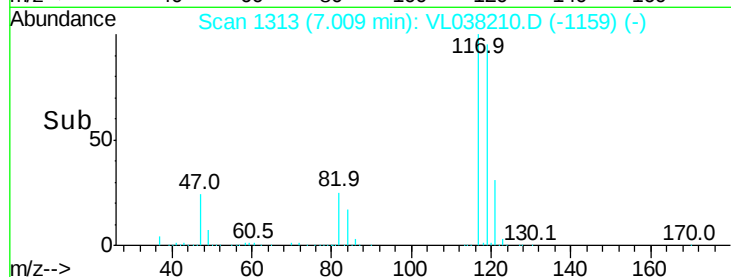
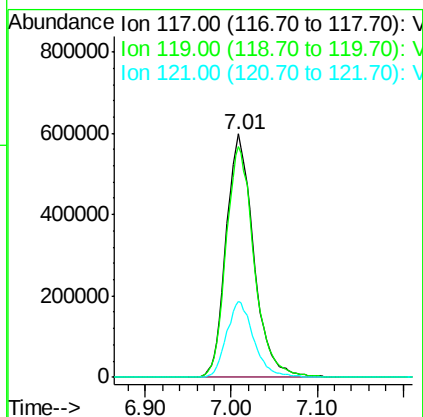
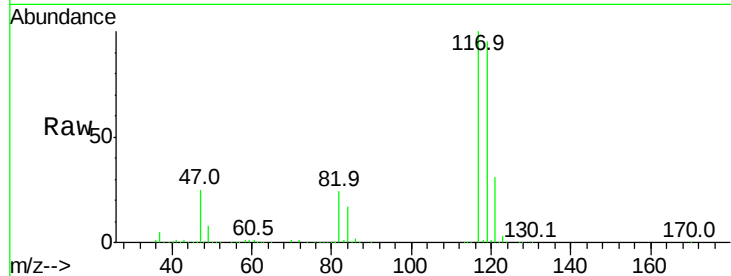


#35
Carbon Tetrachloride
Concen: 8.150 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

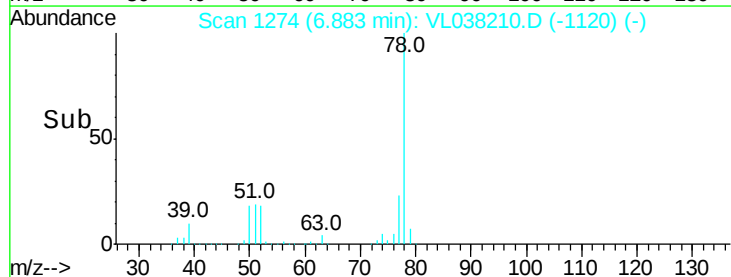
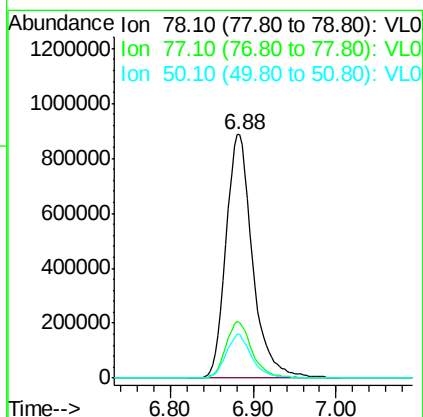
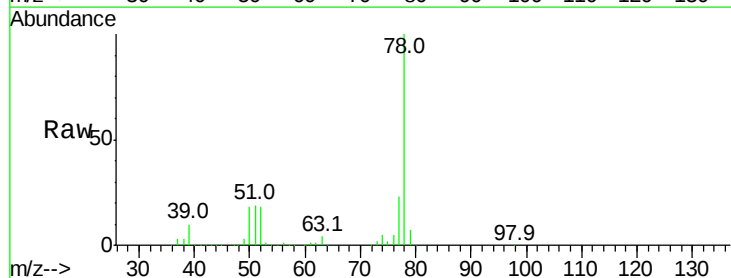
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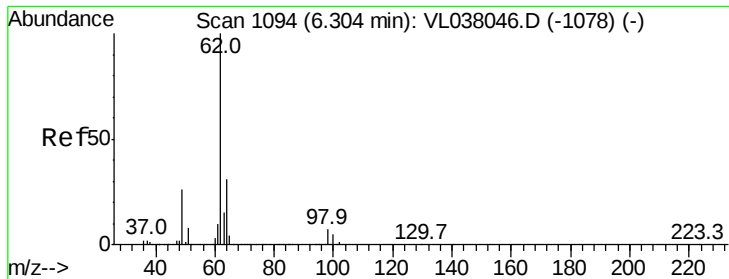
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#36
Benzene
Concen: 8.496 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 78 Resp: 1975544
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.4
50 18.0 14.7 22.1



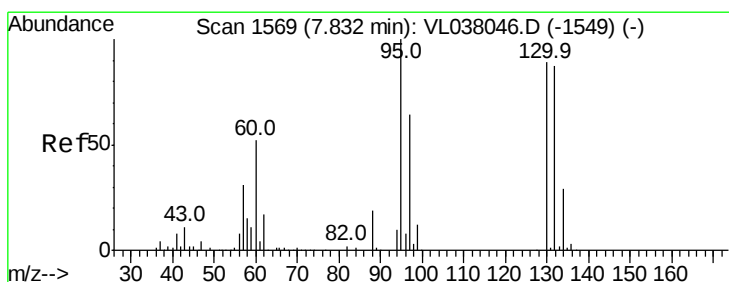
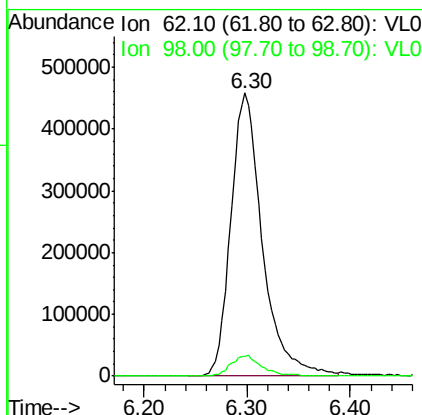
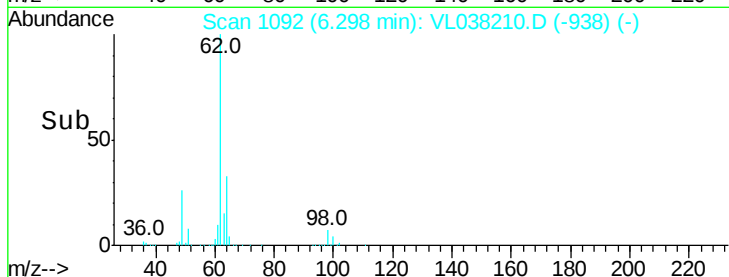
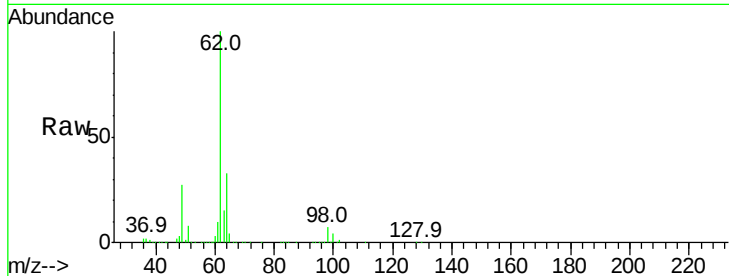


#37
 1,2-Dichloroethane
 Concen: 8.702 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:
 Ion Ratio
 62 100
 98 7.

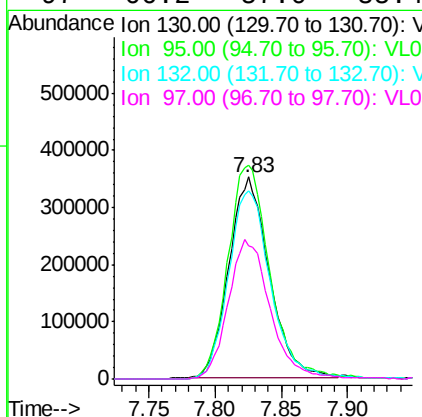
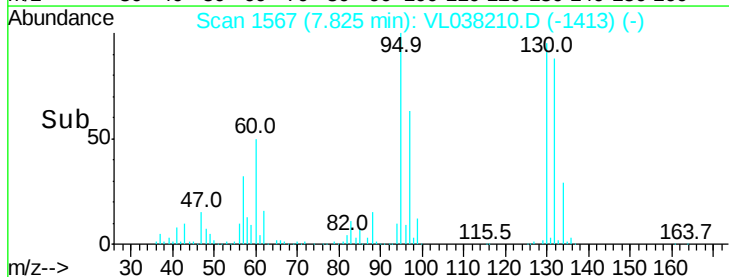
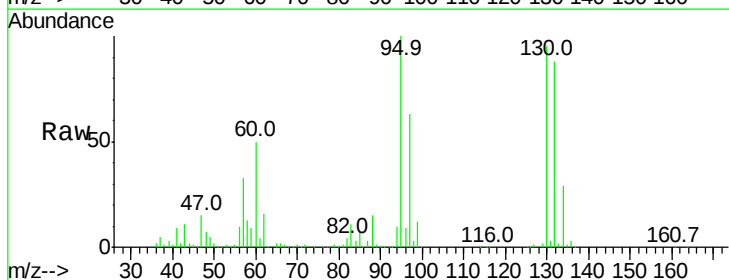
Manual Integrations
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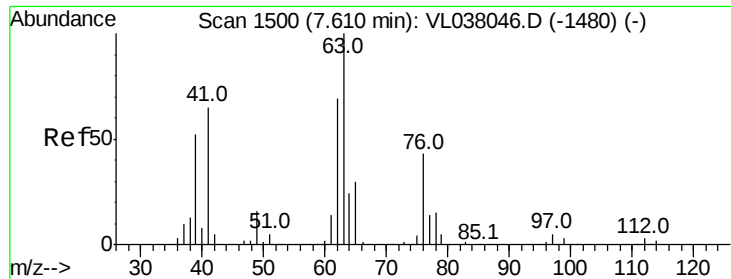
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#38
 Trichloroethene
 Concen: 8.509 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion:130 Resp: 746343
 Ion Ratio Lower Upper
 130 100
 95 106.1 89.4 134.2
 132 93.7 78.2 117.2
 97 66.2 57.0 85.4



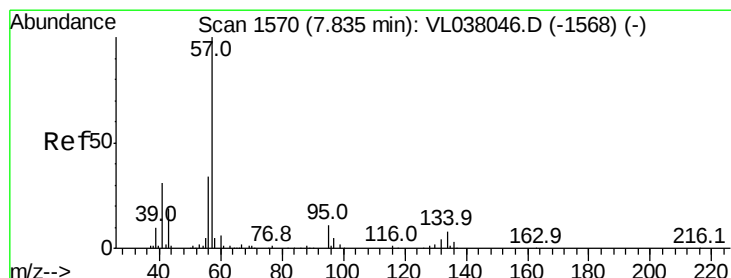
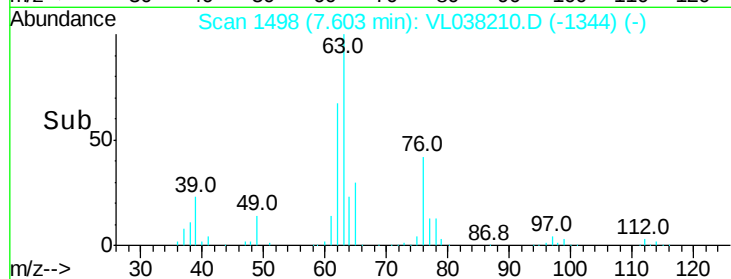
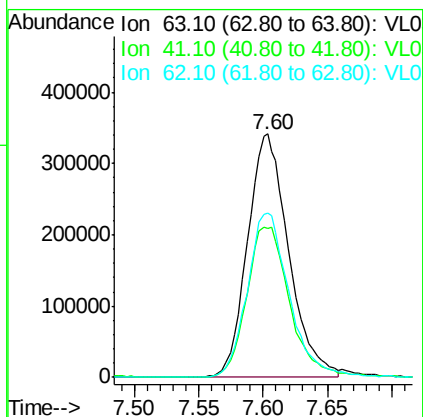
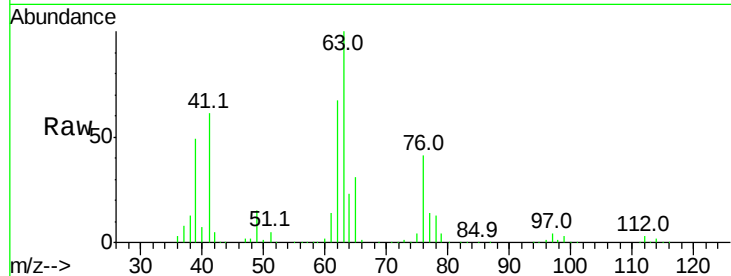


#39
 1,2-Dichloropropane
 Concen: 8.482 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:
 Ion Ratio
 63 100
 41 61.
 62 67.

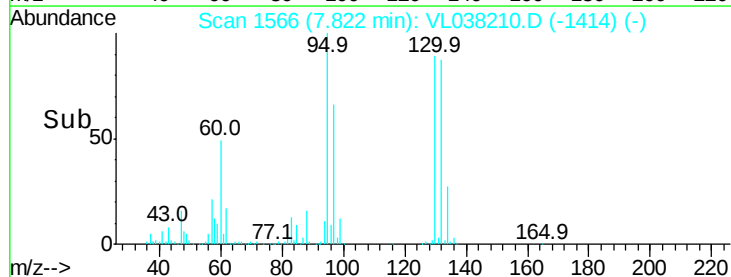
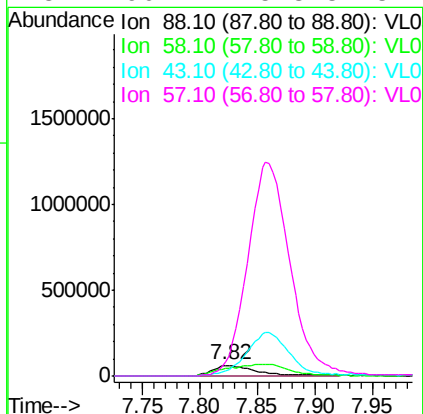
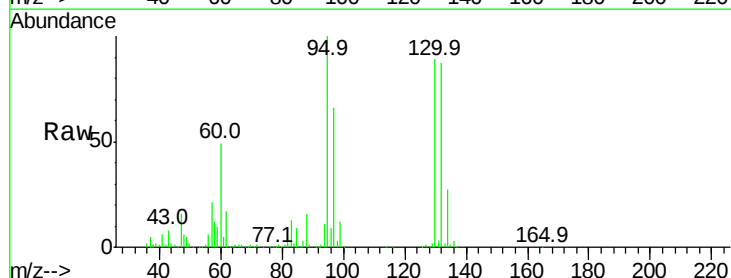
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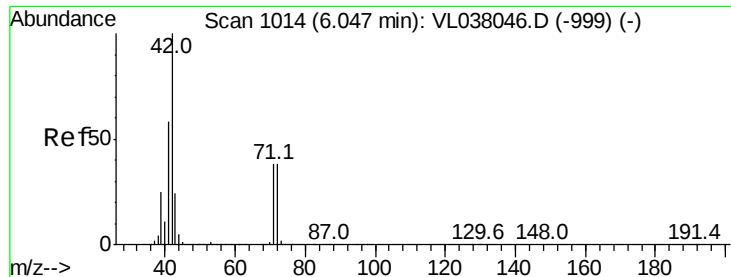
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#40
 1,4-Dioxane
 Concen: 7.260 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion: 88 Resp: 168711
 Ion Ratio Lower Upper
 88 100
 58 157.9 229.2 343.8#
 43 406.1 553.3 829.9#
 57 1902.4 2513.8 3770.8#



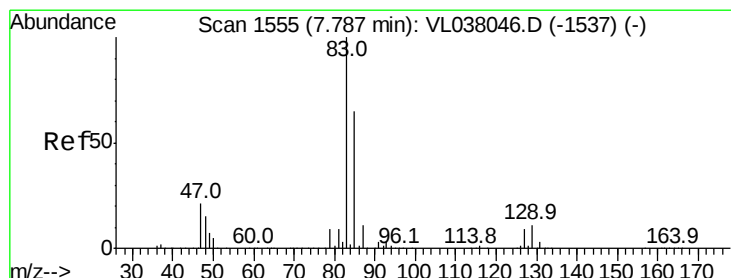
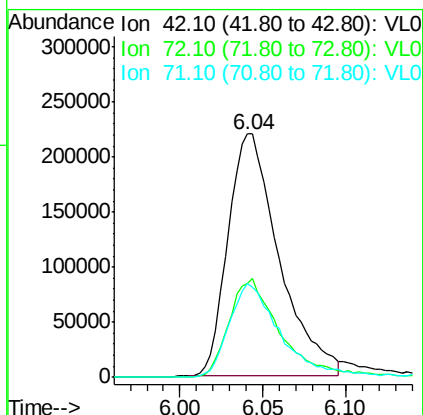
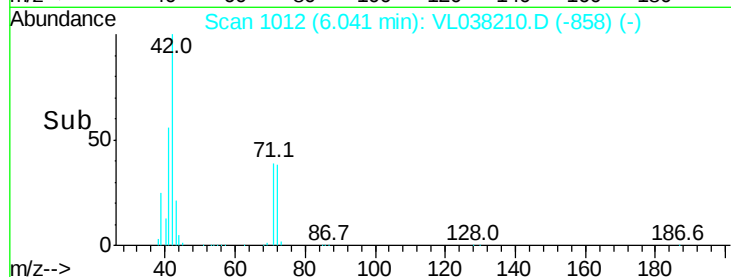
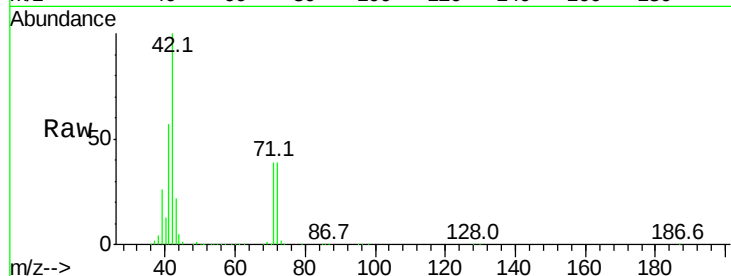


#41
Tetrahydrofuran
Concen: 8.111 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
42 100
72 41.
71 39.

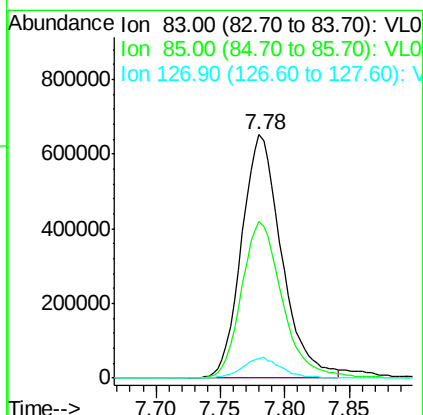
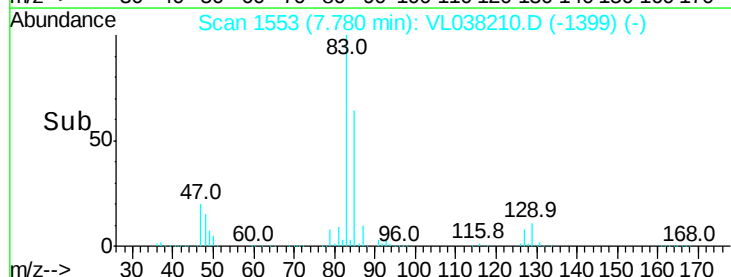
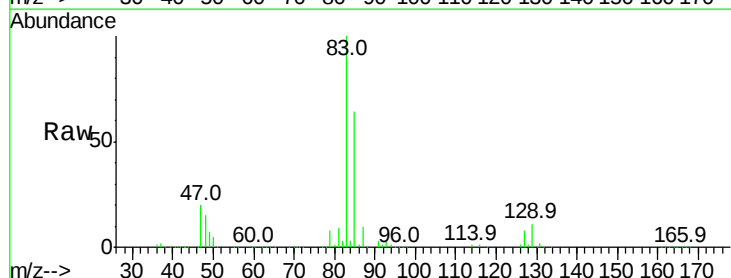
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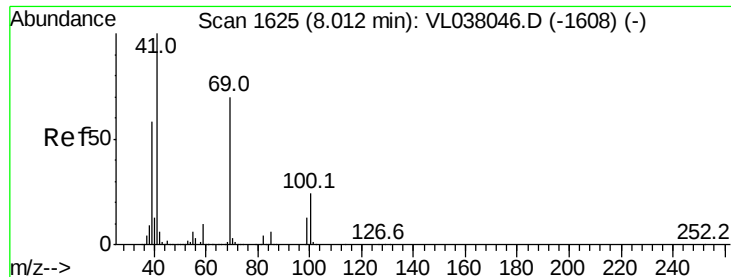
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#42
Bromodichloromethane
Concen: 8.264 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 83 Resp: 1410956
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 8.3 6.8 10.2





#43

Methyl Methacrylate

Concen: 9.123 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 17 Dec 2021 9:16

Tot Ion:

Ion Ratio

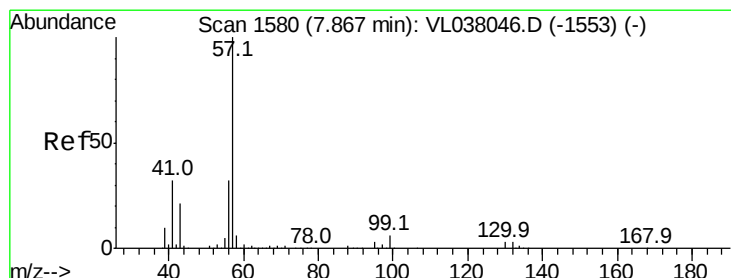
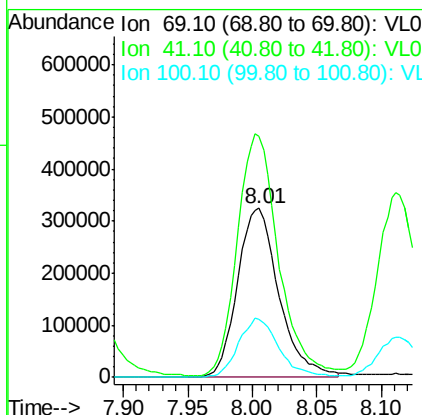
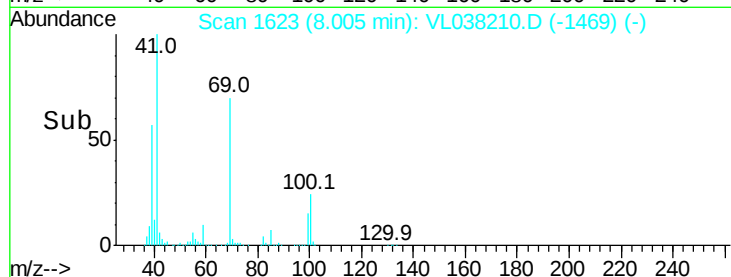
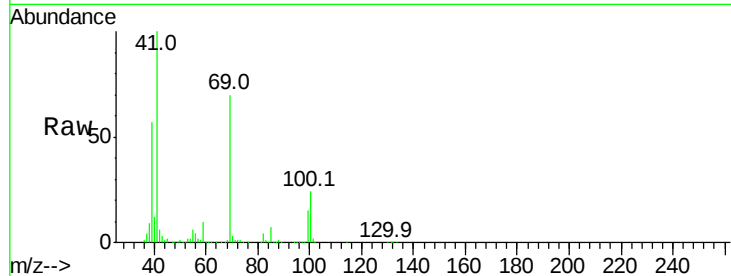
69	100
41	143.
100	34.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#44

2,2,4-Trimethylpentane

Concen: 8.248 ppbv

RT: 7.86 min Scan# 1577

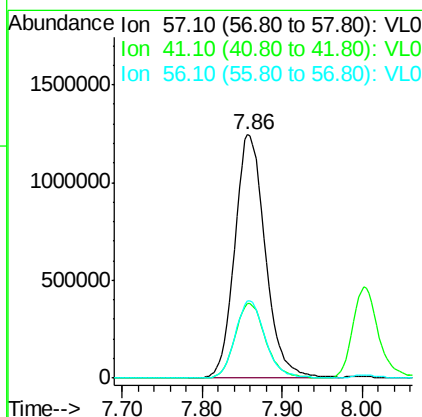
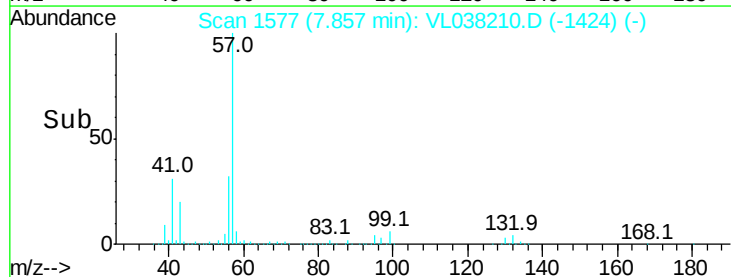
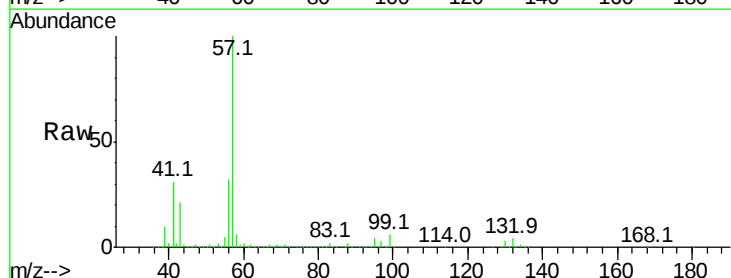
Delta R.T. -0.01 min

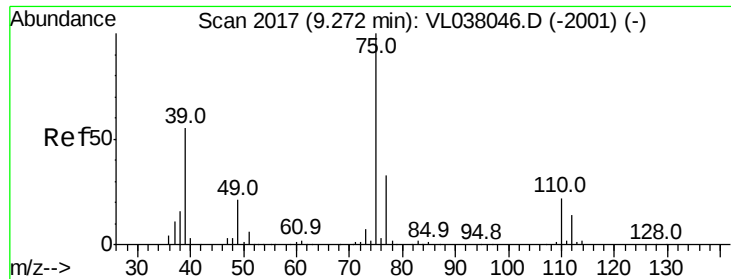
Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion: 57 Resp: 3208768

Ion	Ratio	Lower	Upper
57	100		
41	30.7	25.8	38.6
56	31.2	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 10.400 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

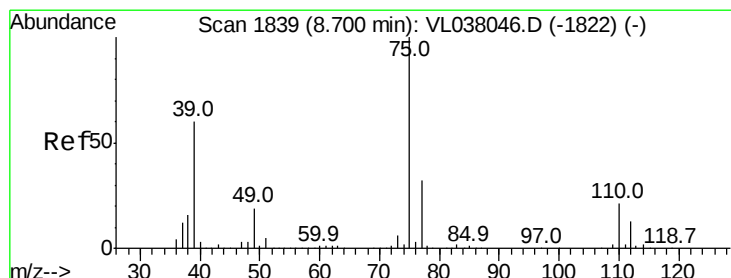
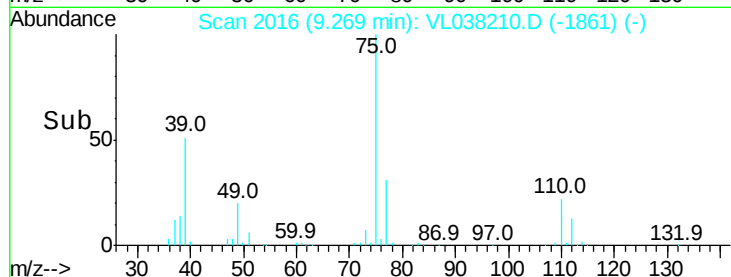
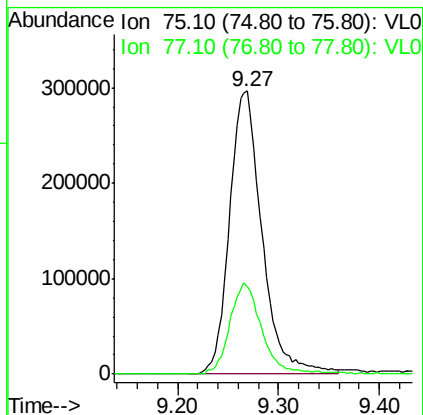
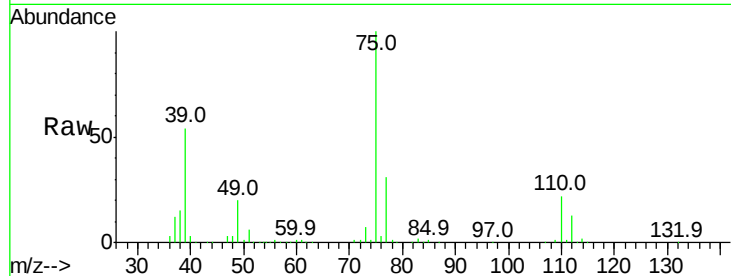
77 31.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#46

cis-1,3-Dichloropropene

Concen: 9.627 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

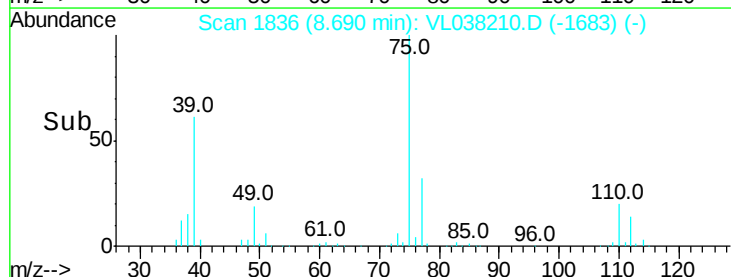
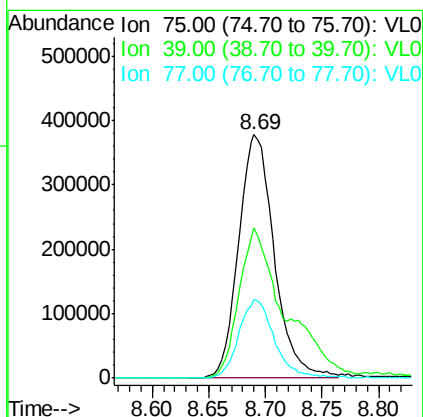
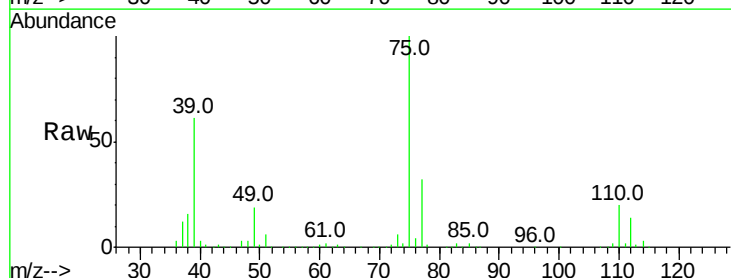
Tgt Ion: 75 Resp: 830840

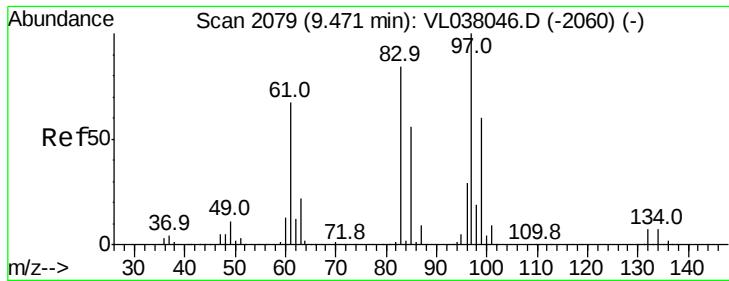
Ion Ratio Lower Upper

75 100

39 61.3 47.8 71.8

77 32.3 25.5 38.3



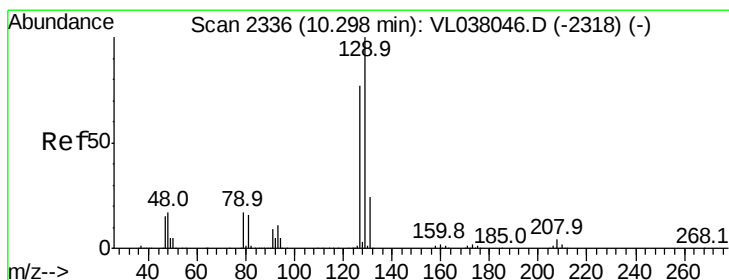
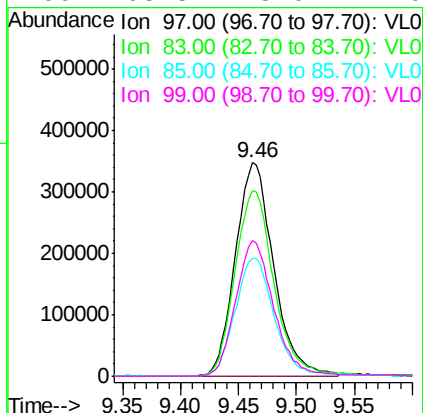
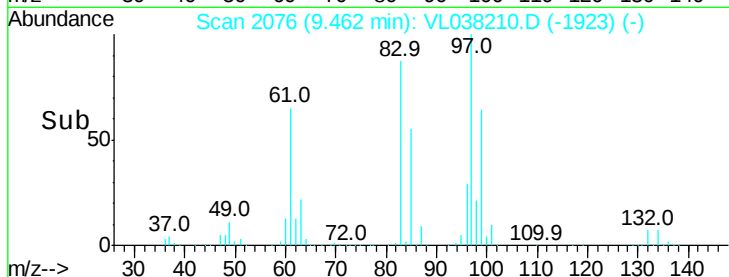
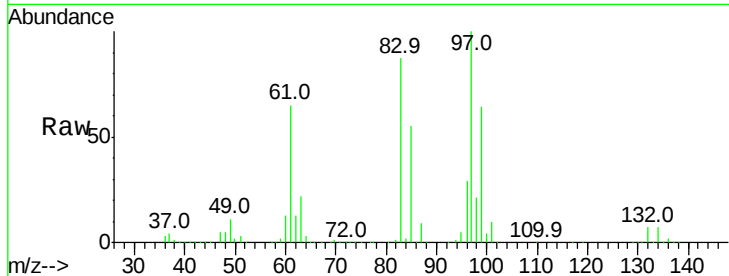


#47
 1,1,2-Trichloroethane
 Concen: 8.543 ppbv
 RT: 9.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 55.
 99 63.5 48.0 72.0

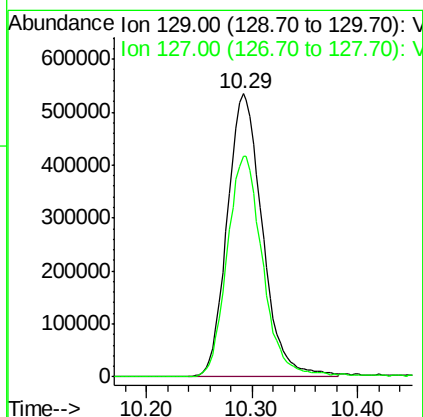
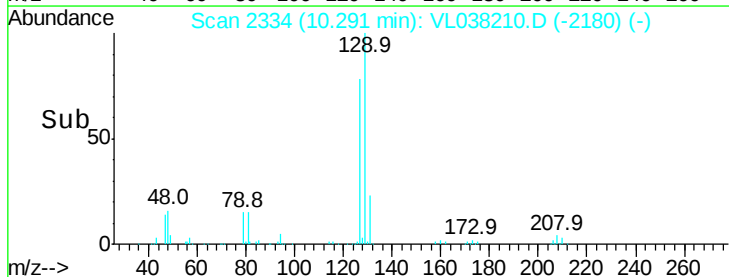
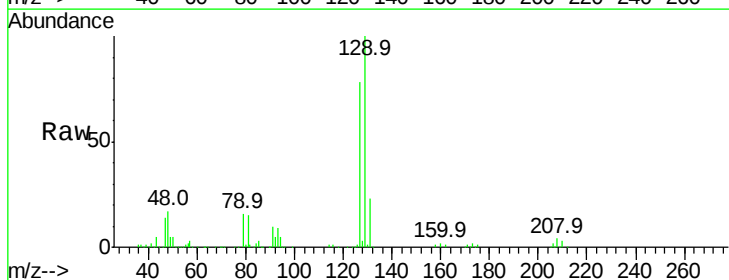
Manual Integrations
 APPROVED

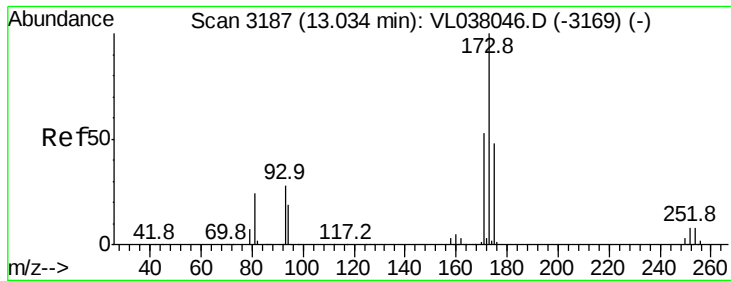
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#48
 Dibromochloromethane
 Concen: 8.696 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion:129 Resp: 1237116
 Ion Ratio Lower Upper
 129 100
 127 79.8 39.4 118.1





#49

Bromoform

Concen: 8.718 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 17 Dec 2021

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010EC

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021

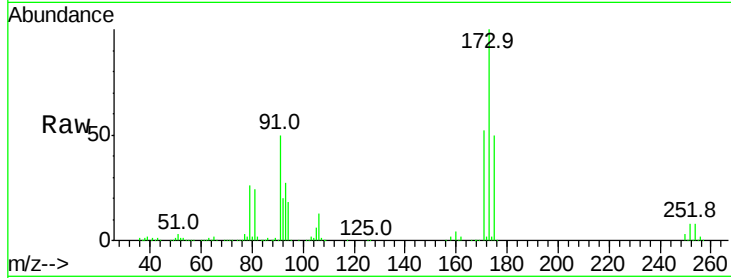
Tot Ion:1

Ion Rati

173 100

175 54.

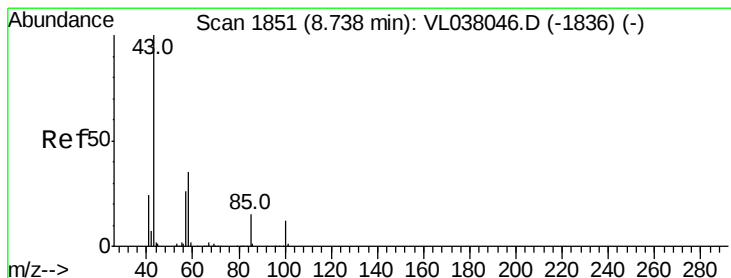
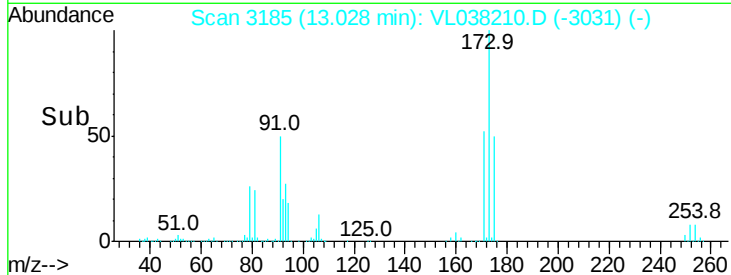
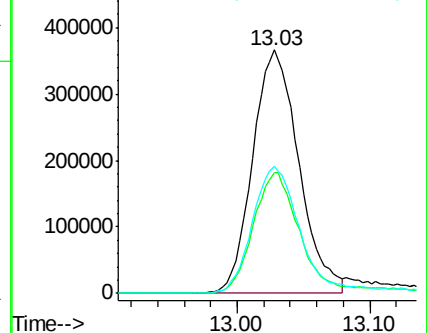
171 55.



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.130 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL038210.D

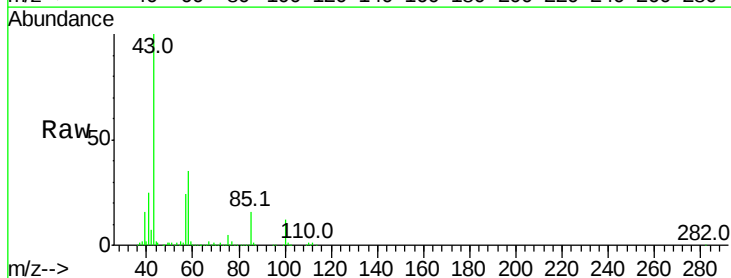
Acq: 17 Dec 2021 9:16

Tgt Ion: 43 Resp: 1303297

Ion Ratio Lower Upper

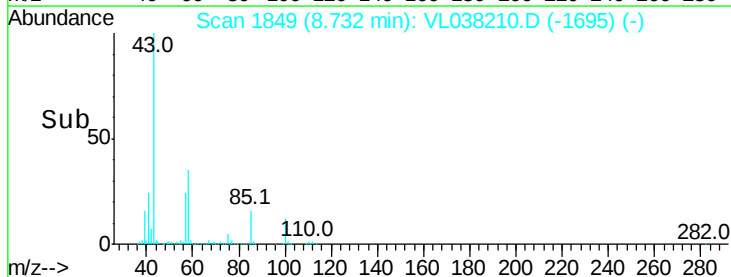
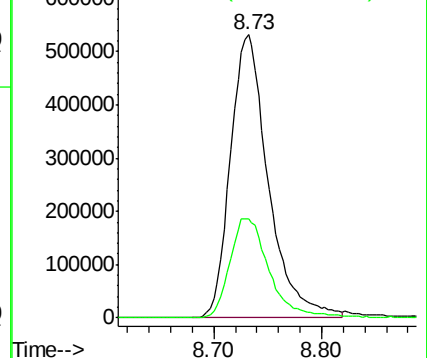
43 100

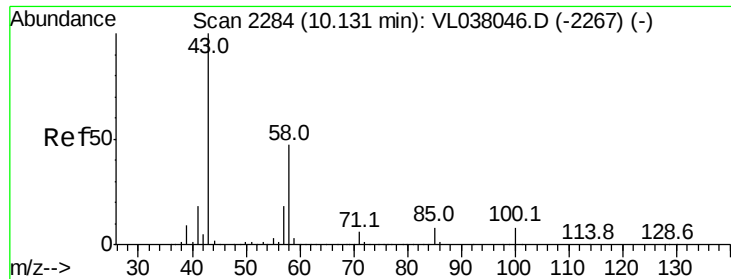
58 36.8 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.190 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16

Tot Ion:

Ion Ratio

43 100

58 47.

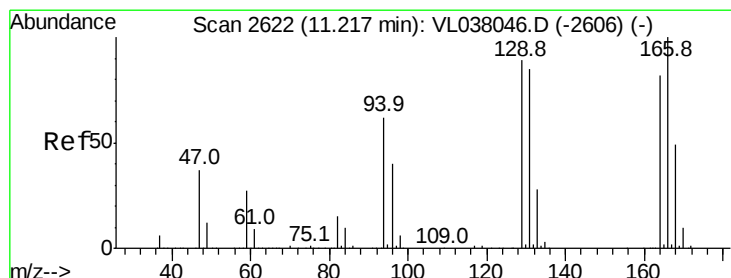
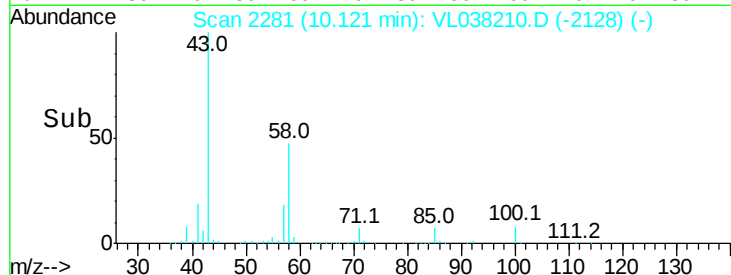
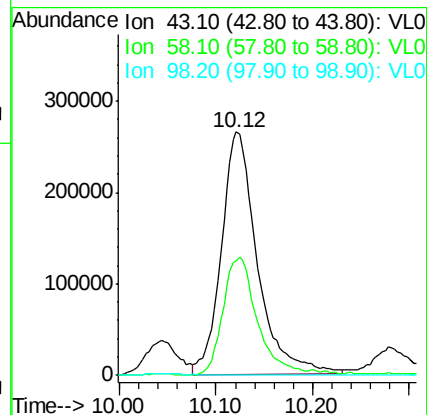
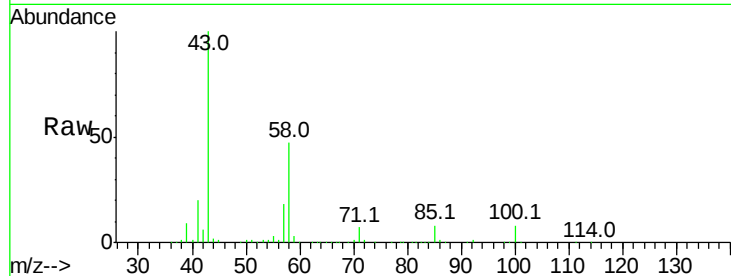
98 0.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#52

Tetrachloroethene

Concen: 8.056 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion:164 Resp: 693147

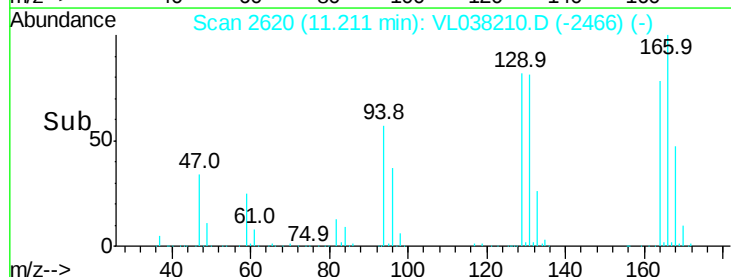
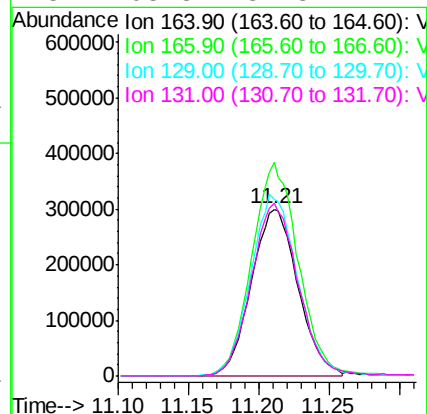
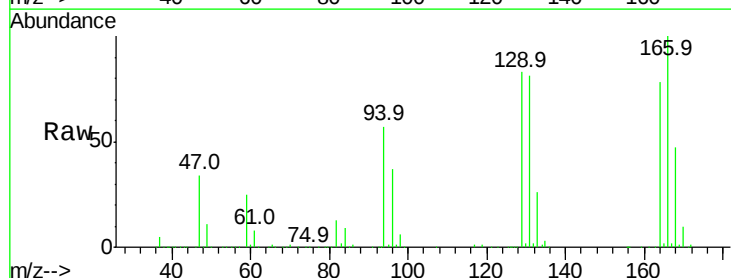
Ion Ratio Lower Upper

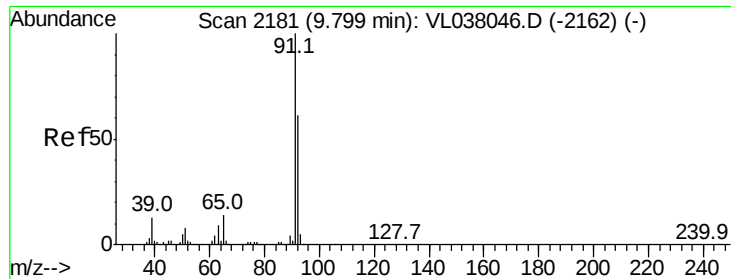
164 100

166 128.0 97.2 145.8

129 105.7 86.9 130.3

131 103.3 82.8 124.2





#53

Toluene

Concen: 8.571 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

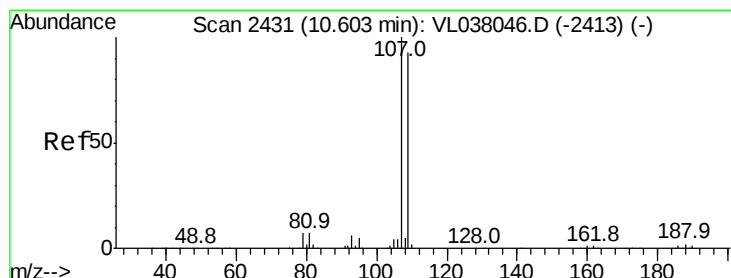
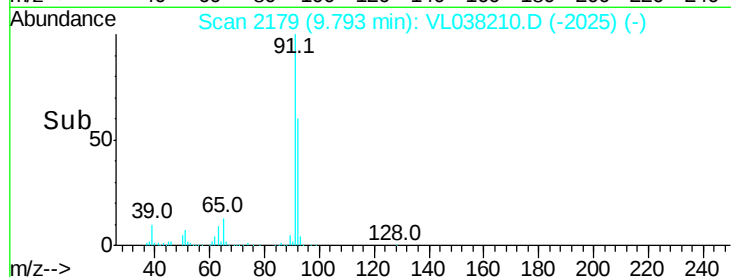
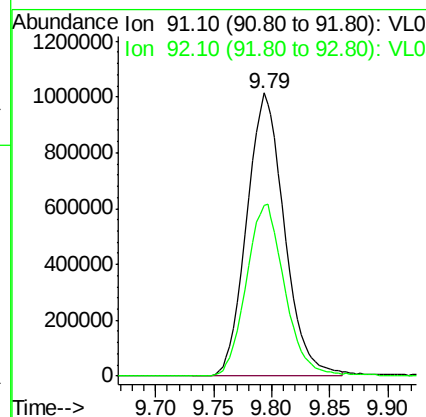
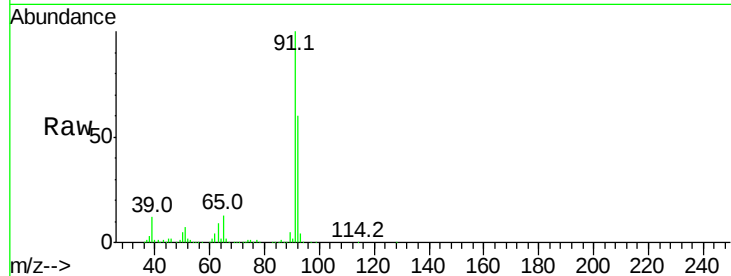
92 62.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#54

1,2-Dibromoethane

Concen: 8.834 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VL038210.D

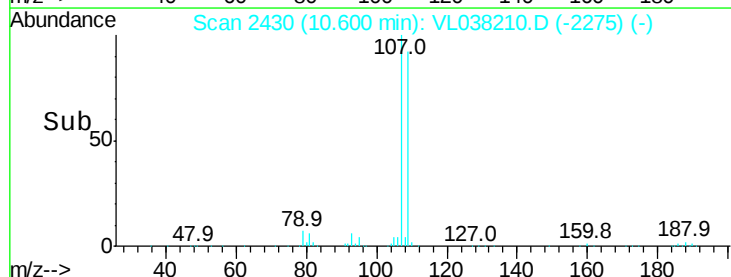
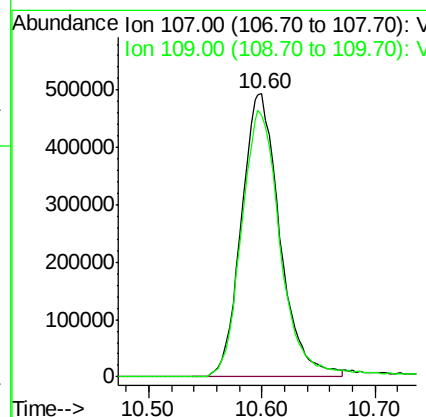
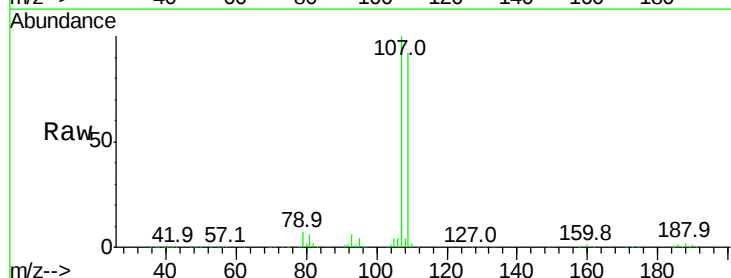
Acq: 17 Dec 2021 9:16

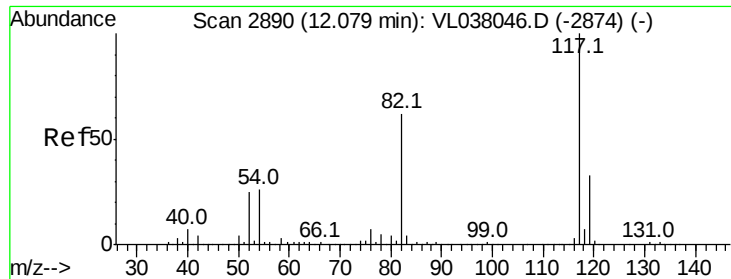
Tgt Ion:107 Resp: 1165619

Ion Ratio Lower Upper

107 100

109 92.2 74.6 111.8



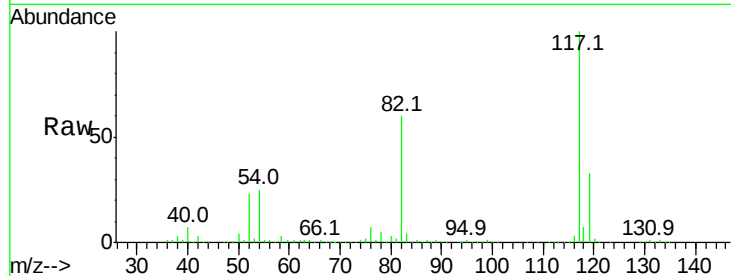


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:10

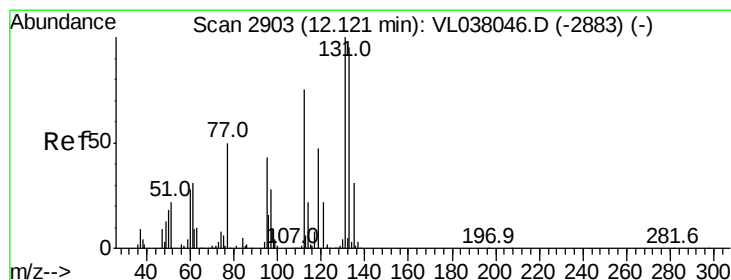
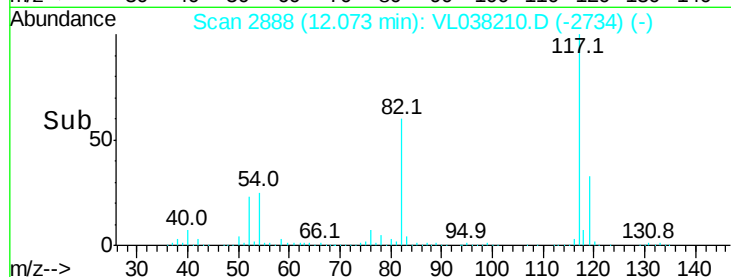
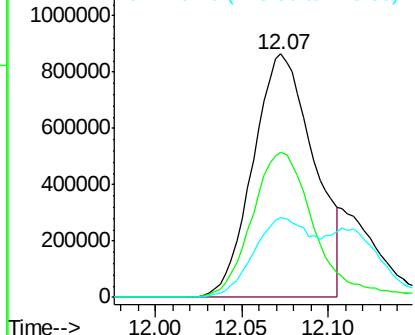
Tot Ion:1
Ion Rati
117 100
82 61.
119 33.

Manual Integrations
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Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021

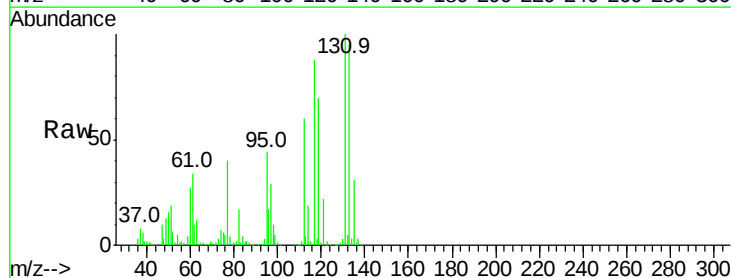


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

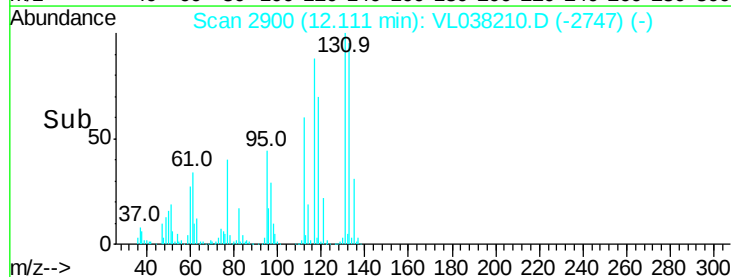
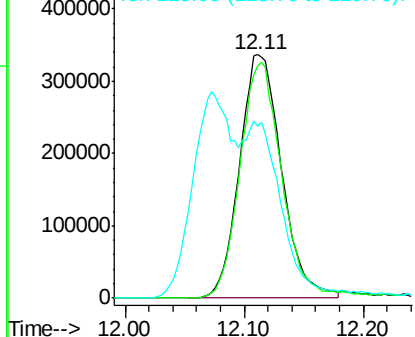


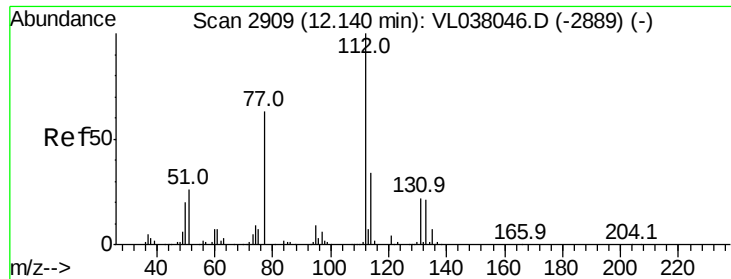
#56
1,1,1,2-Tetrachloroethane
Concen: 8.580 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion:131 Resp: 824485
Ion Ratio Lower Upper
131 100
133 98.1 78.8 118.2
119 65.5 56.3 84.5



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



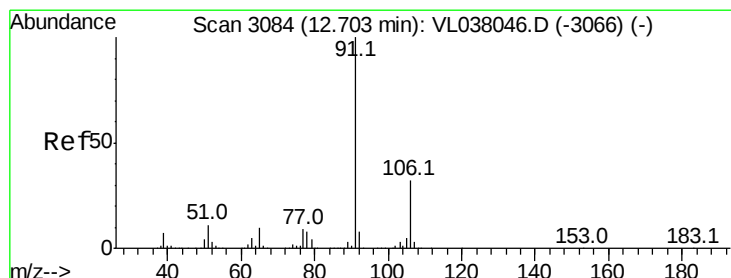
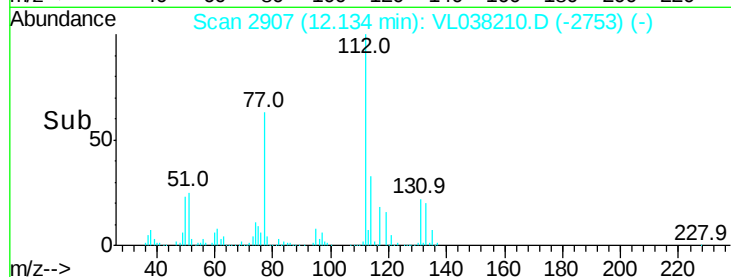
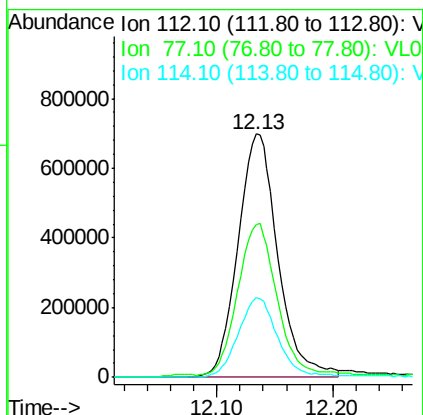
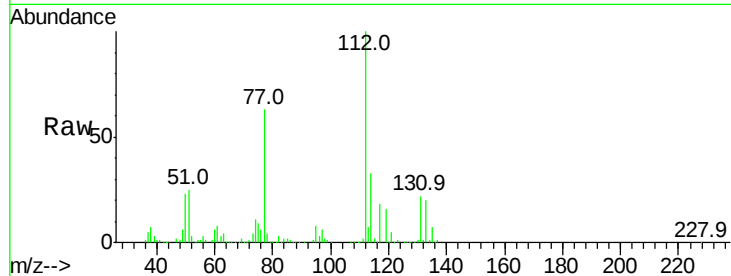


#57
Chlorobenzene
Concen: 8.784 ppbv
RT: 12.13 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion: 1
Ion Ratio
112 100
77 61.1
114 32.7

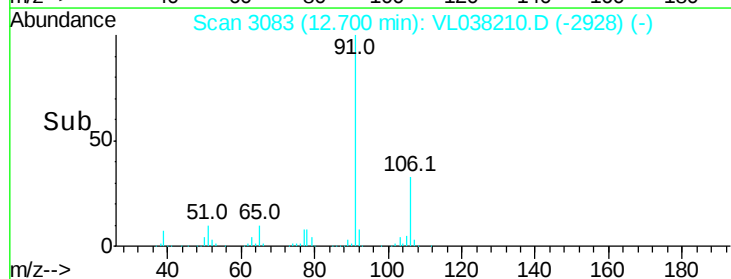
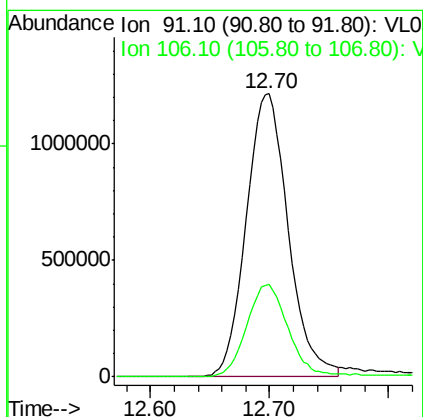
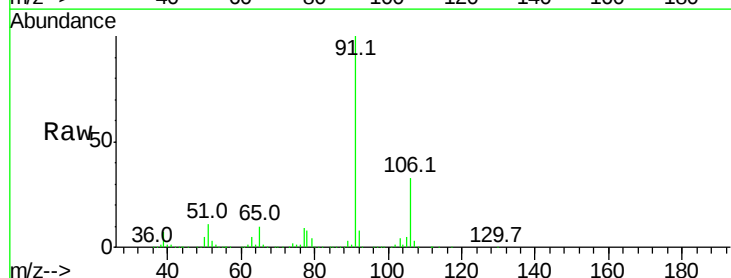
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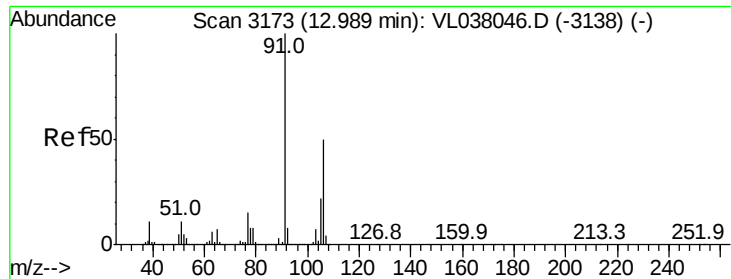
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#58
Ethyl Benzene
Concen: 8.506 ppbv
RT: 12.70 min Scan# 3083
Delta R.T.: -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 91 Resp: 2975813
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.6



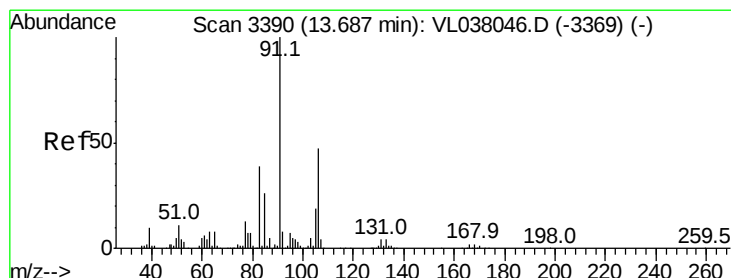
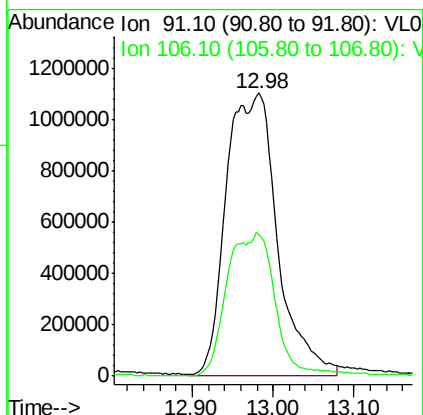
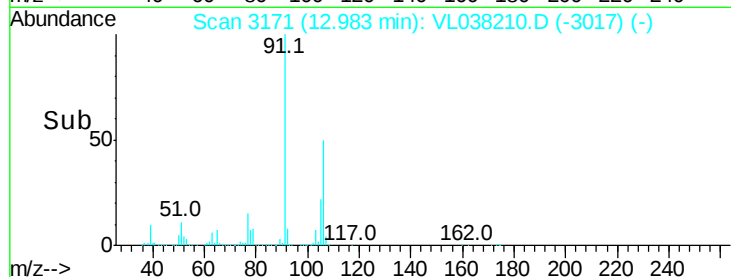
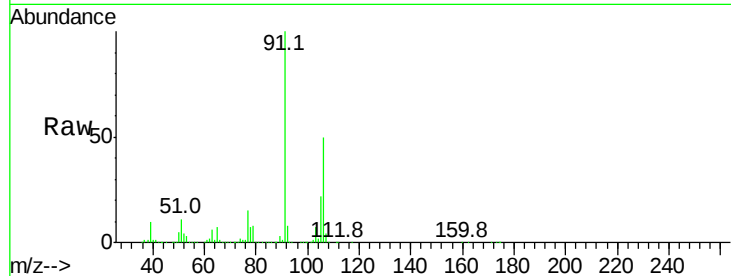


#59
m/p-Xylene
Concen: 16.703 ppbv m
RT: 12.98
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 17 Dec 2021 9:16

Tot Ion:
Ion Ratio
91 100
106 48.

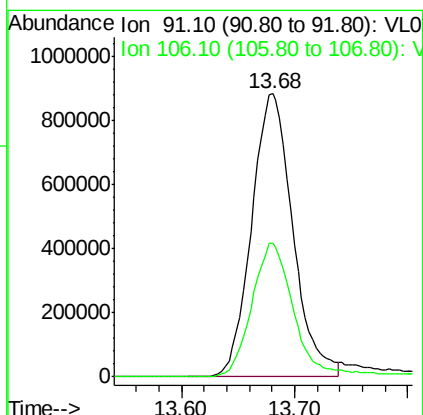
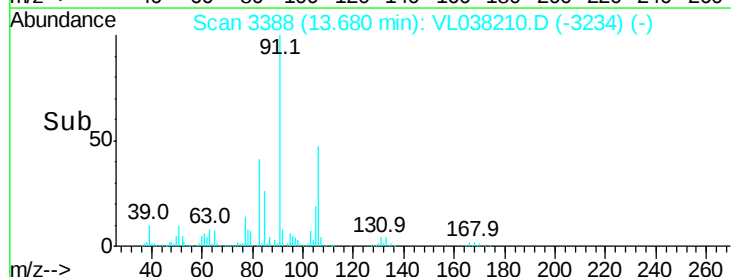
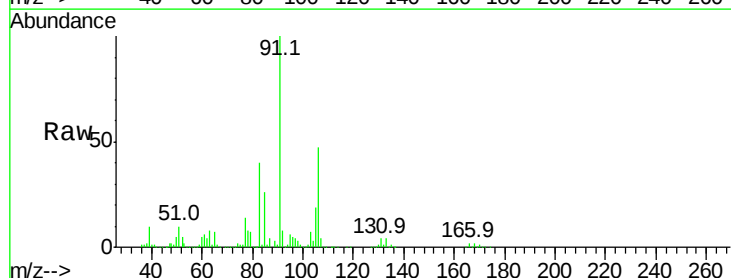
Manual Integrations
APPROVED

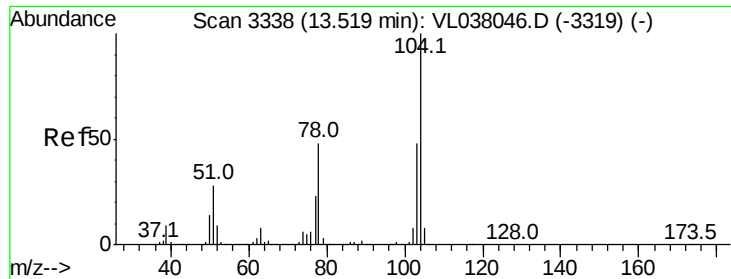
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#60
o-Xylene
Concen: 8.175 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 91 Resp: 2233374
Ion Ratio Lower Upper
91 100
106 49.7 24.2 72.6



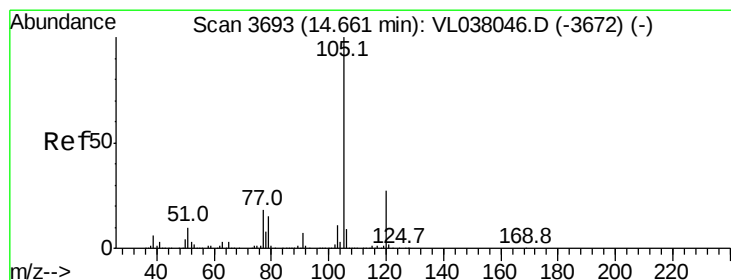
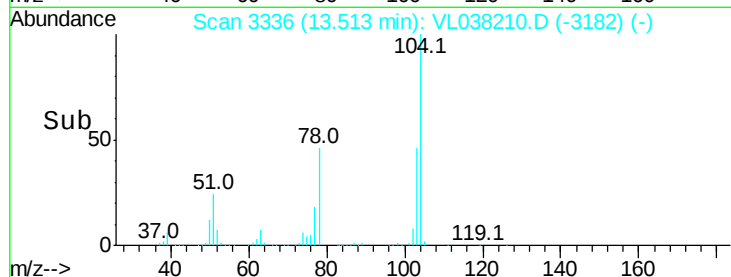
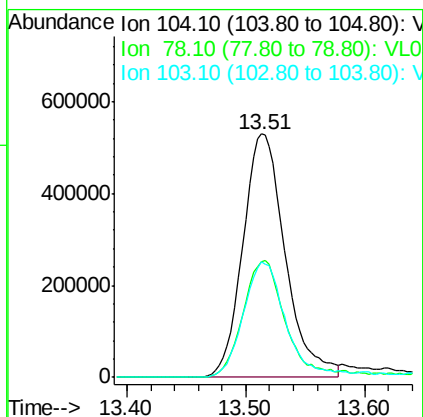
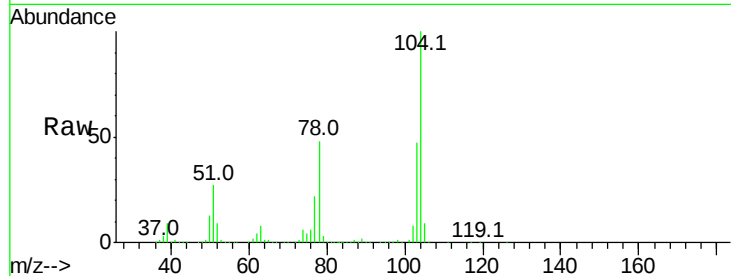


#61
Stvrene
Concen: 8.929 ppbv
RT: 13.51
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 9:16

Manual Integrations
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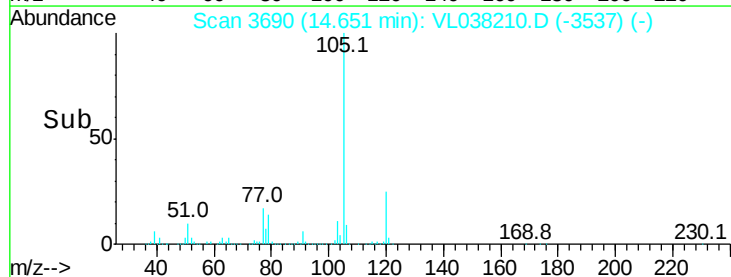
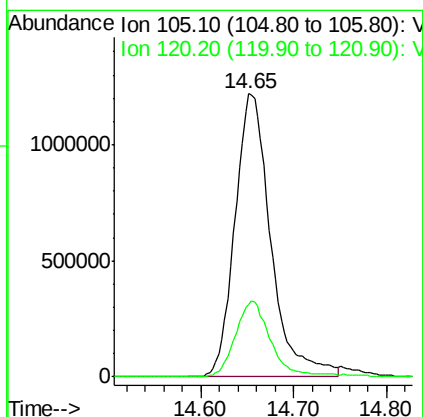
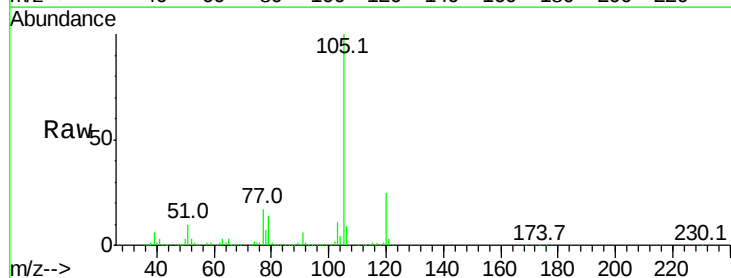
Tot Ion:1
Ion Ratio
104 100
78 49.
103 49.

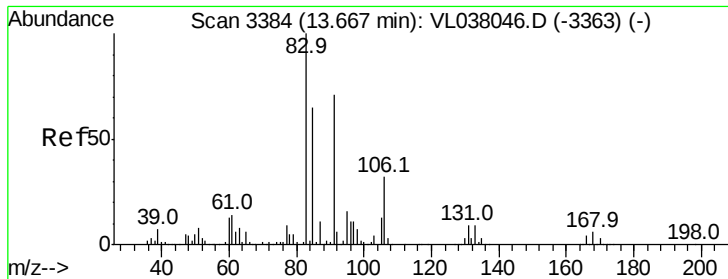
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#62
Isopropylbenzene
Concen: 8.458 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.01 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion:105 Resp: 3280019
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.557 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 9:16

Manual Integrations
APPROVED

Tot Ion:

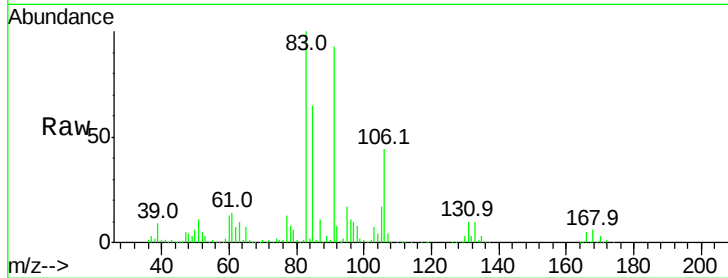
Ion Ratio

83 100

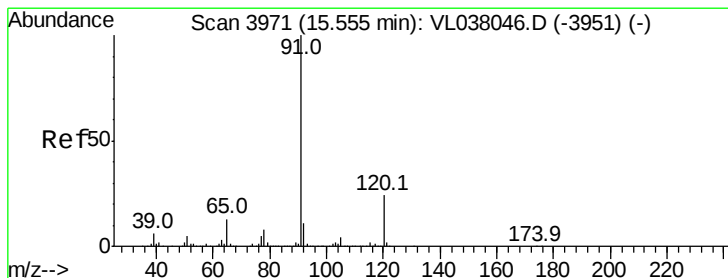
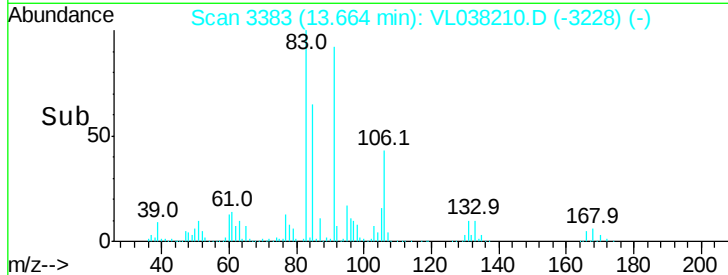
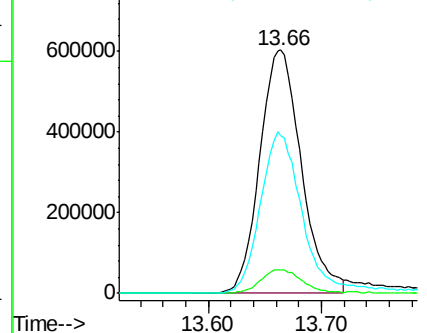
131 10.

85 69.

Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



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: 8.531 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. -0.01 min

Lab File: VL038210.D

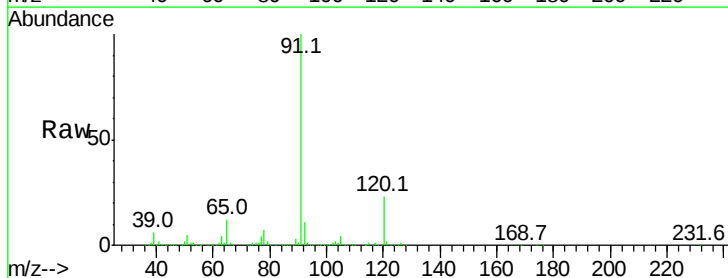
Acq: 17 Dec 2021 9:16

Tgt Ion:120 Resp: 842796

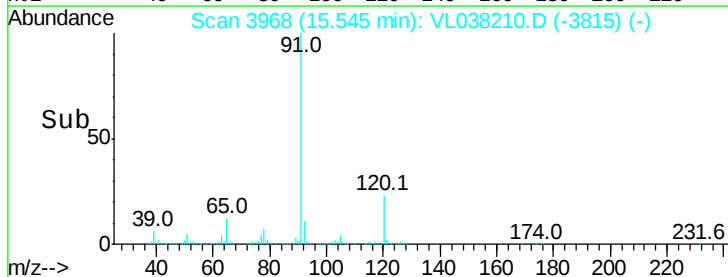
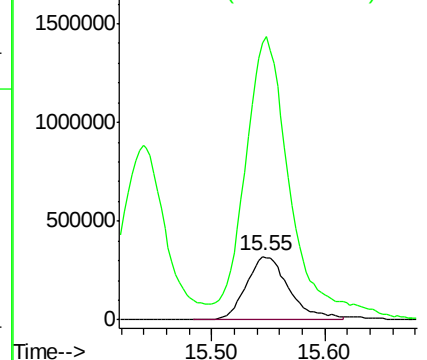
Ion Ratio Lower Upper

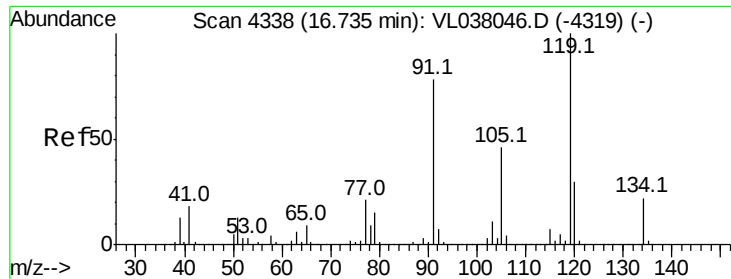
120 100

91 475.9 371.7 557.5



Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0



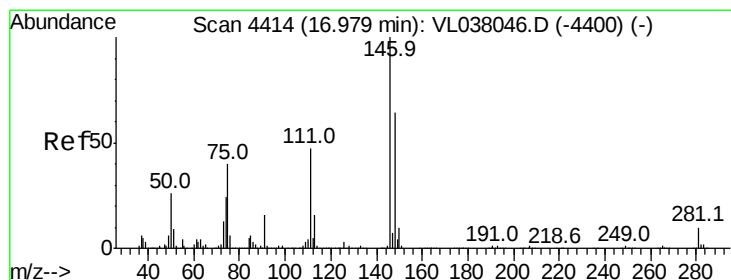
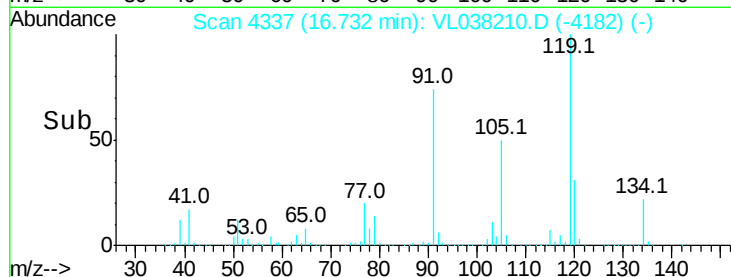
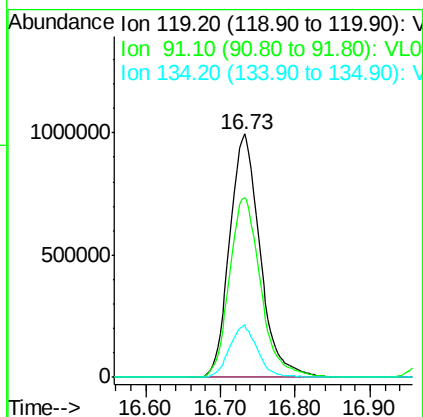
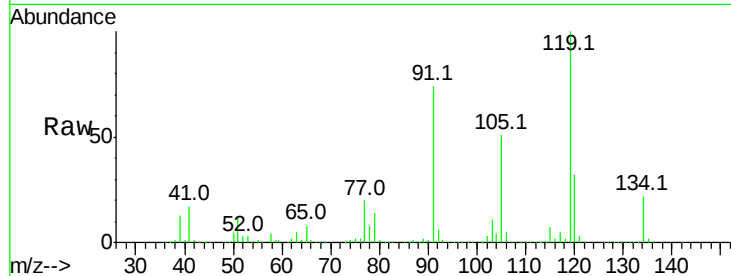


#65
tert-Butylbenzene
Concen: 8.238 ppbv
RT: 16.73 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion: 1
Ion Ratio
119 100
91 75.
134 19.

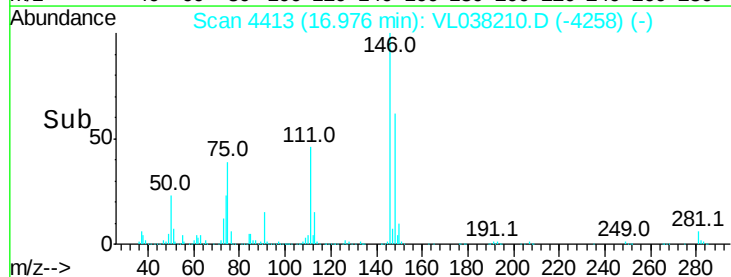
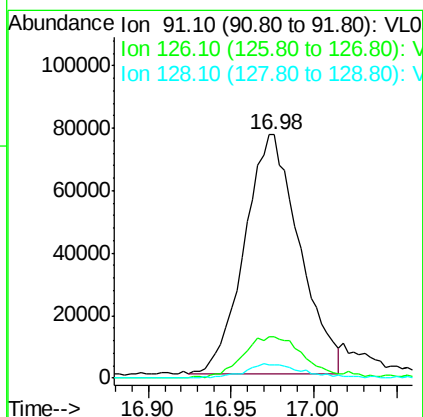
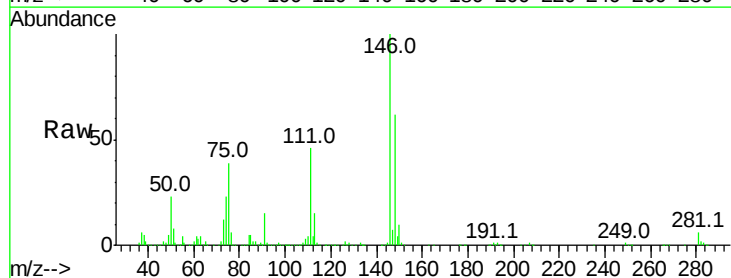
Manual Integrations
APPROVED

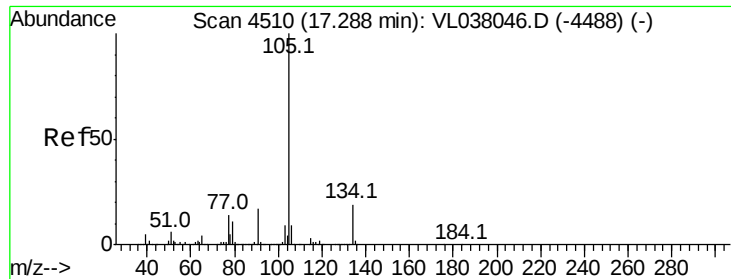
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#66
Benzyl Chloride
Concen: 10.170 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion: 91 Resp: 176105
Ion Ratio Lower Upper
91 100
126 20.6 15.5 23.3
128 6.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.248 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16

Tot Ion:1

Ion Ratio

105 100

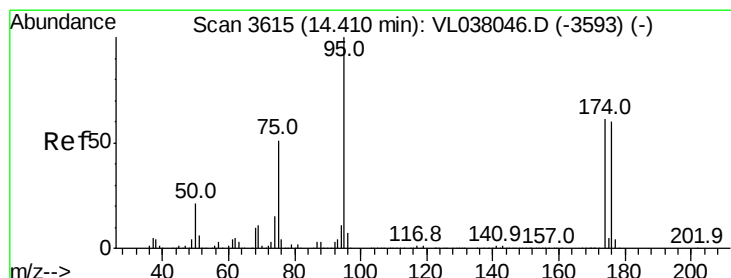
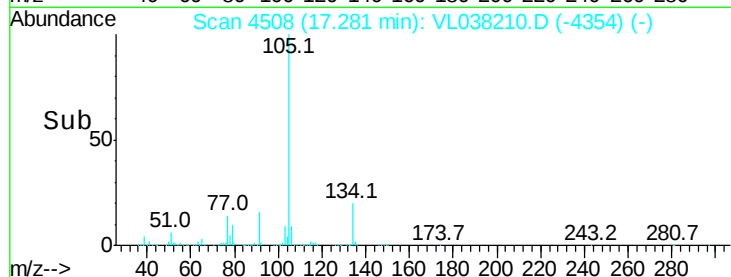
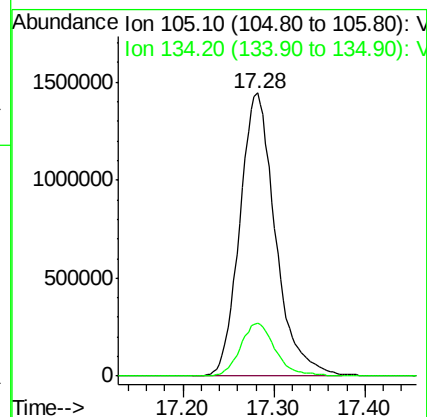
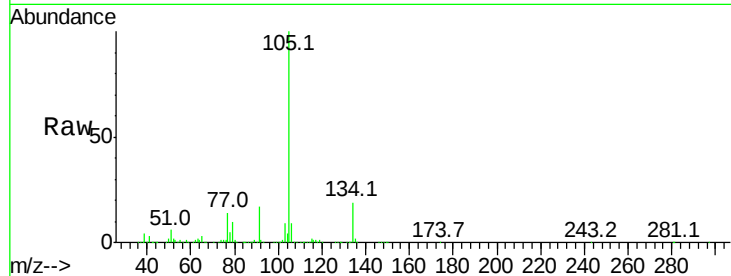
134 18.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.937 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

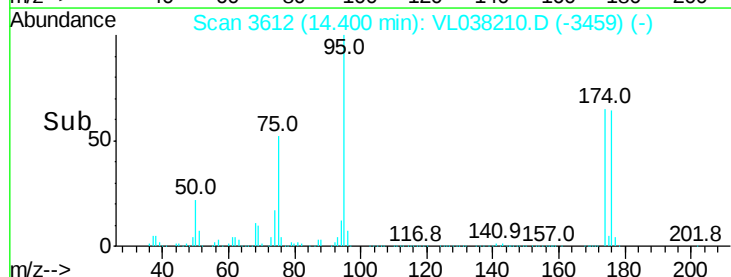
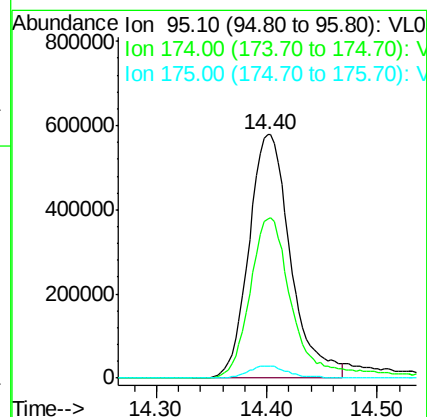
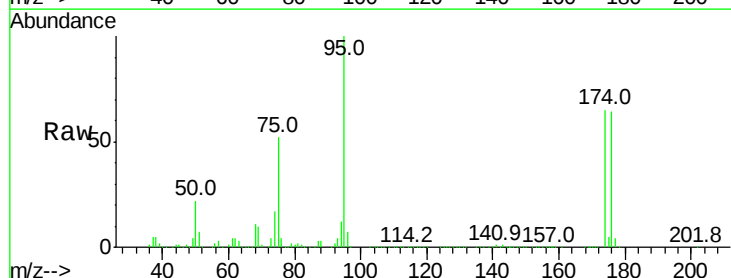
Tgt Ion: 95 Resp: 1517262

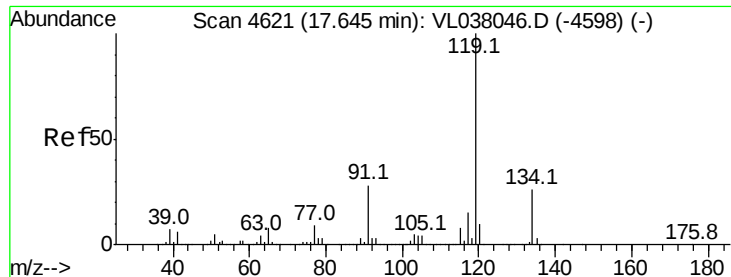
Ion Ratio Lower Upper

95 100

174 68.7 53.1 79.7

175 5.2 4.0 6.0



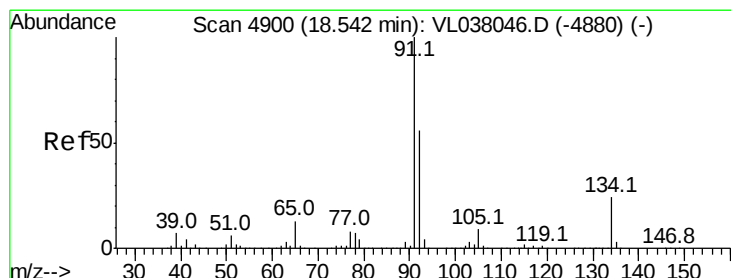
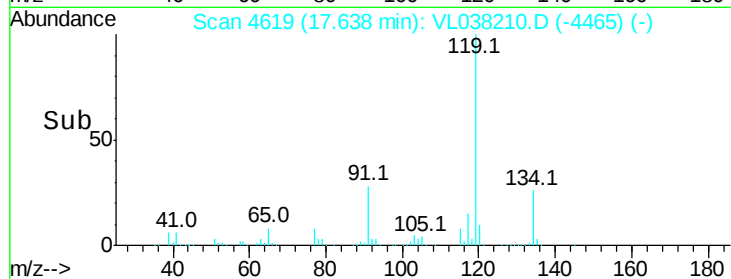
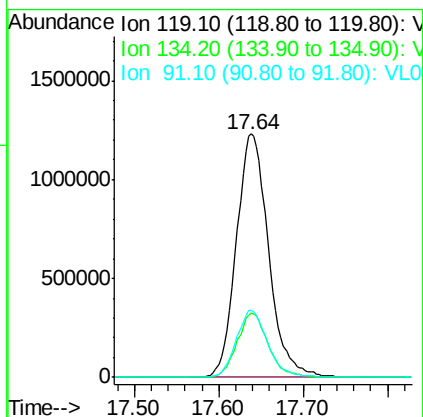
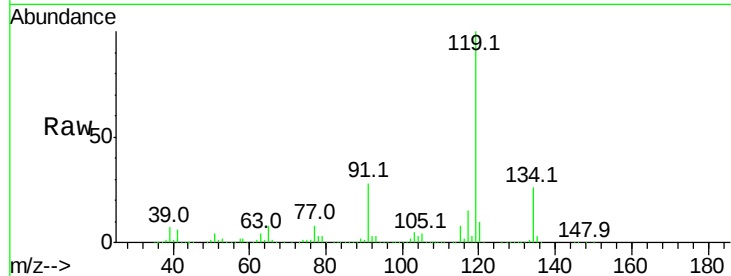


#69
 p-Isopropyltoluene
 Concen: 8.765 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 17 Dec 2021 9:16

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 26.

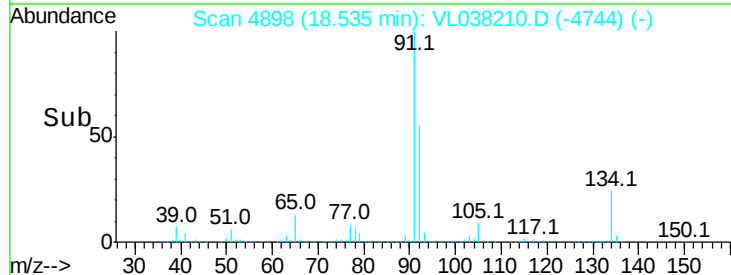
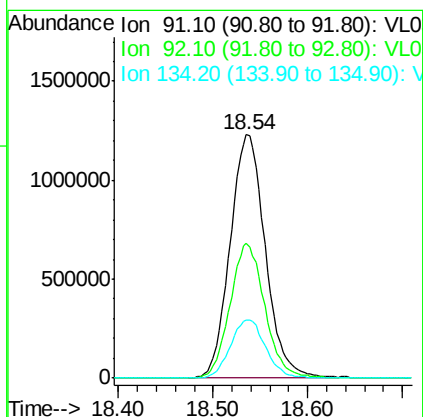
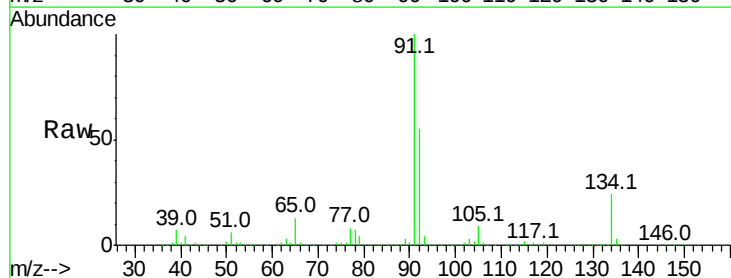
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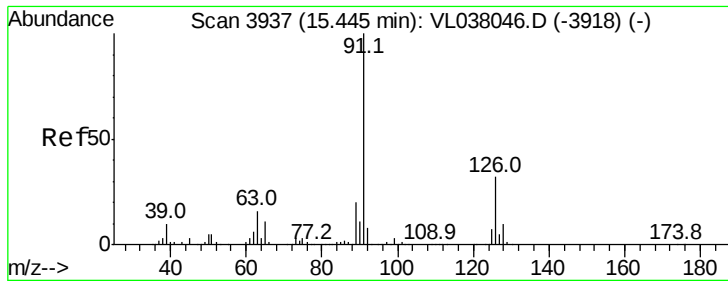
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#70
 n-Butylbenzene
 Concen: 8.904 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.01 min
 Lab File: VL038210.D
 Acq: 17 Dec 2021 9:16

Tgt Ion: 91 Resp: 3170427
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.1 66.1
 134 24.2 18.9 28.3





#71

2-Chlorotoluene

Concen: 8.126 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16

Tot Ion:

Ion Ratio

91 100

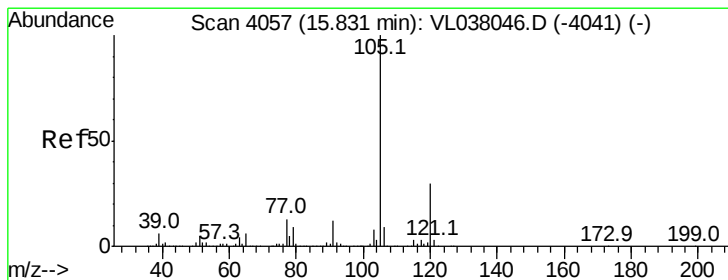
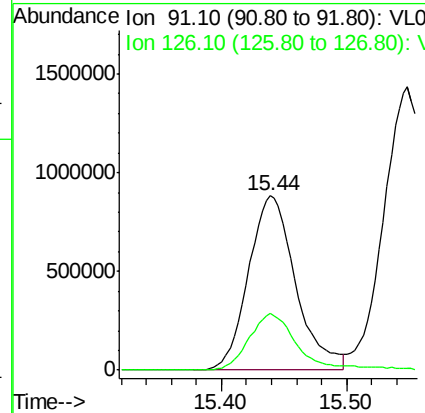
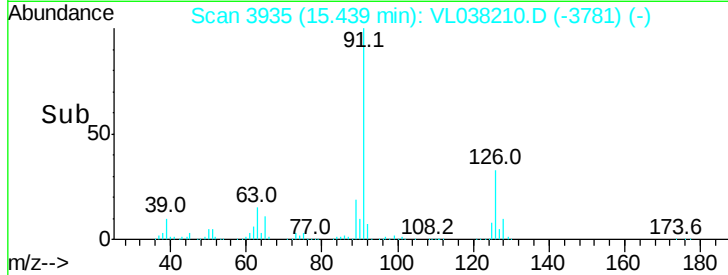
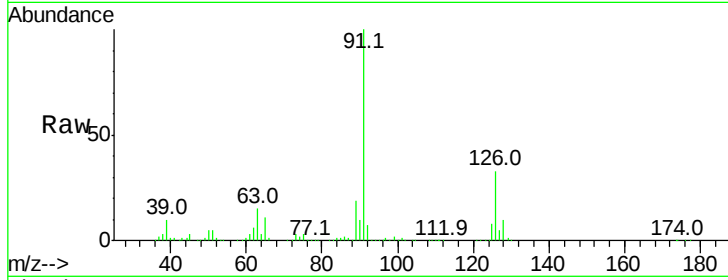
126 34.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#72

4-Ethyltoluene

Concen: 9.040 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion:105 Resp: 2863539

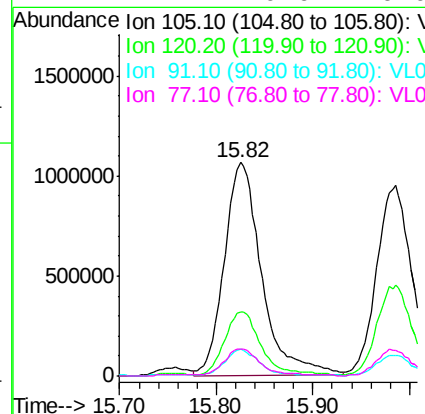
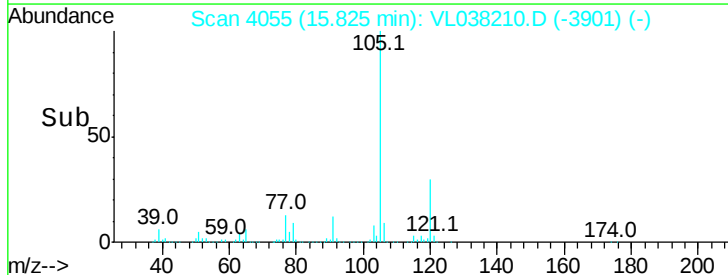
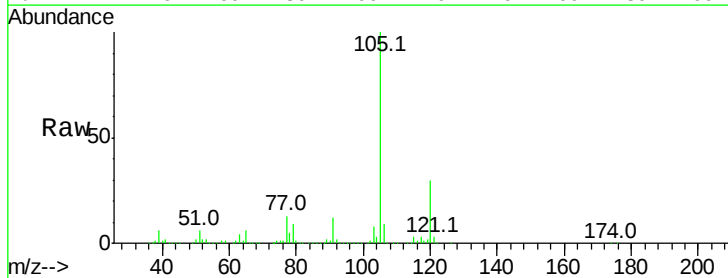
Ion Ratio Lower Upper

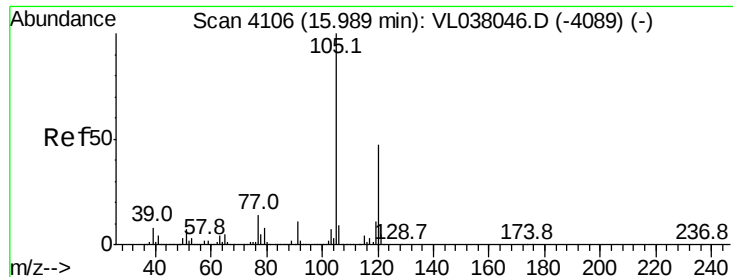
105 100

120 30.1 25.1 37.7

91 11.5 9.7 14.5

77 12.7 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.712 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:1

Ion Rati

105 100

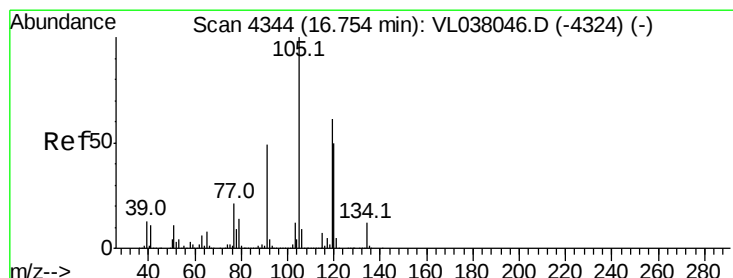
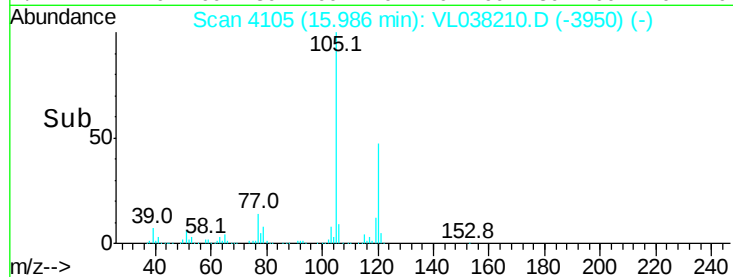
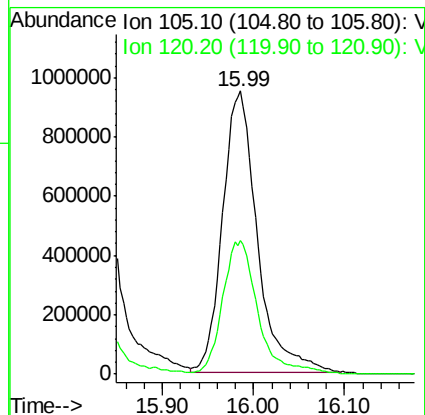
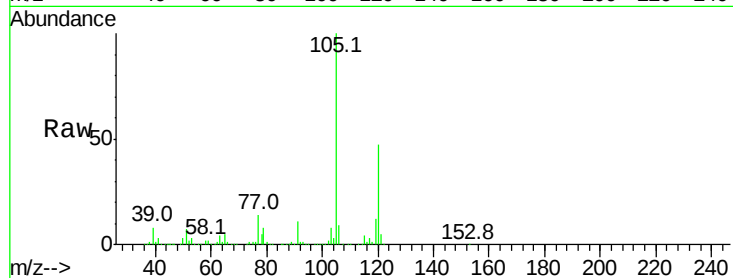
120 47.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.522 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion:105 Resp: 2540546

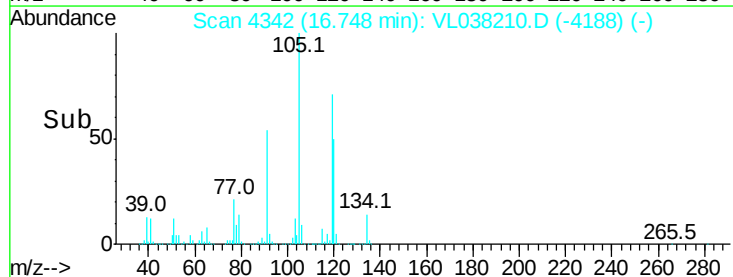
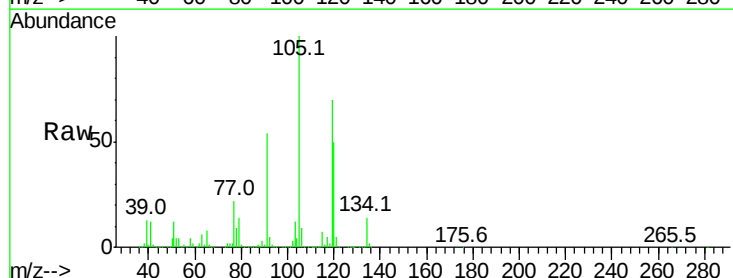
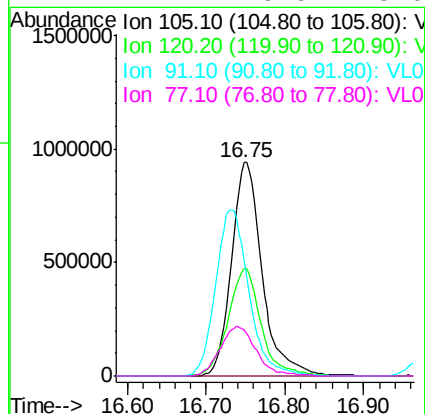
Ion Ratio Lower Upper

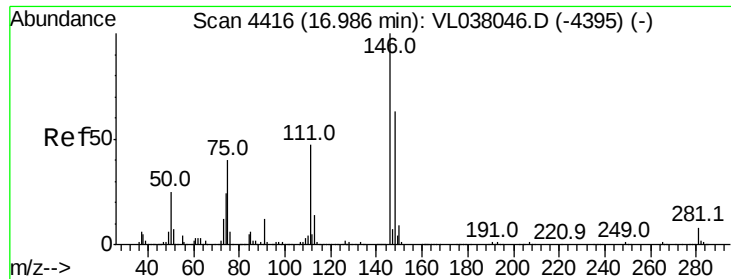
105 100

120 50.0 40.1 60.1

91 53.9 39.8 59.8

77 21.4 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.098 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 9:16 VSTDCCC010EC

Tot Ion:1

Ion Rati

146 100

111 45.

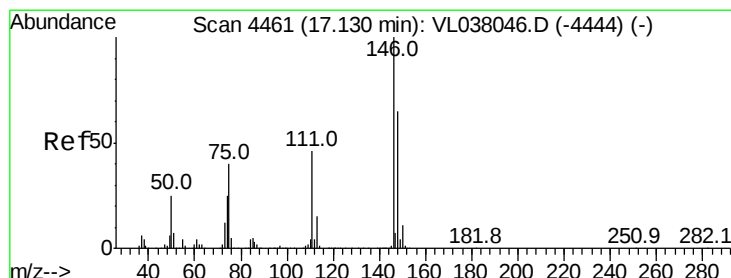
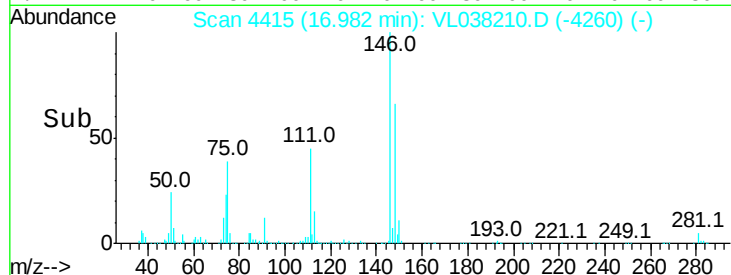
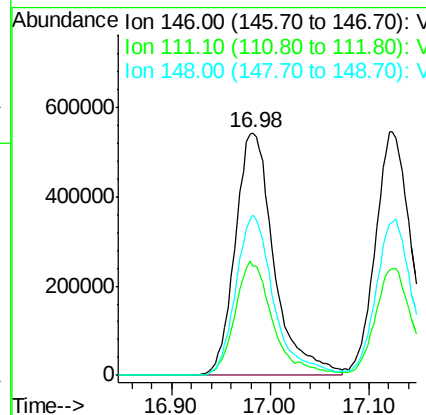
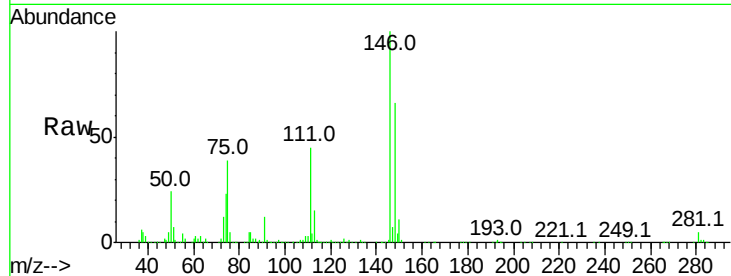
148 64.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#76

1,4-Dichlorobenzene

Concen: 8.914 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

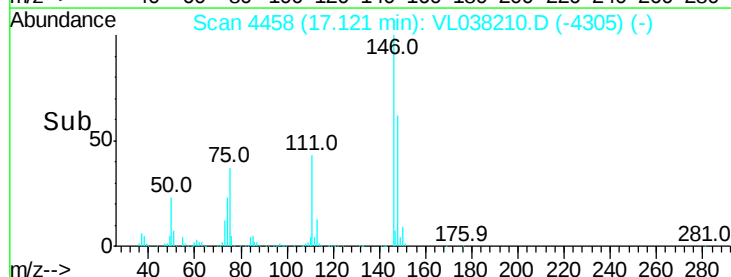
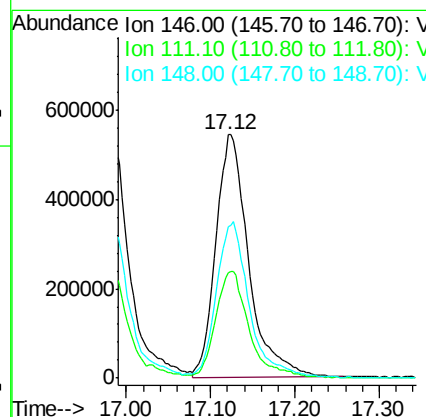
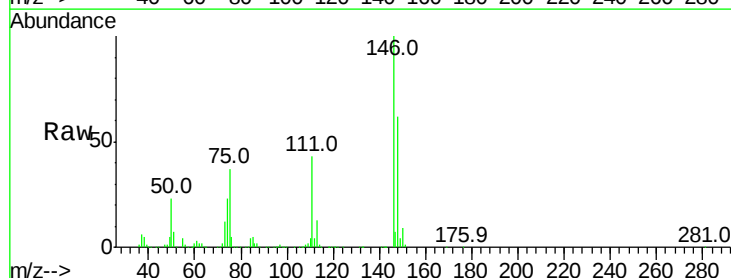
Tgt Ion:146 Resp: 1468864

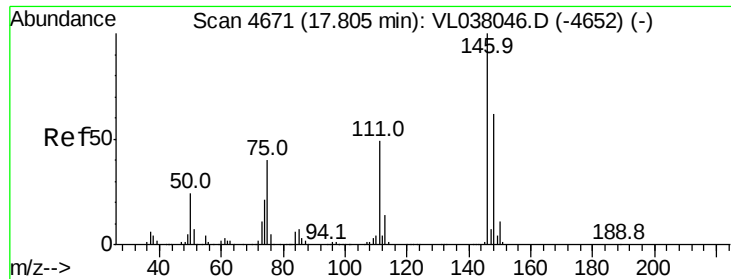
Ion Ratio Lower Upper

146 100

111 44.9 23.8 71.5

148 64.6 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 8.979 ppbv

RT: 17.80

Delta R.T. MSVOA_L

Lab File:

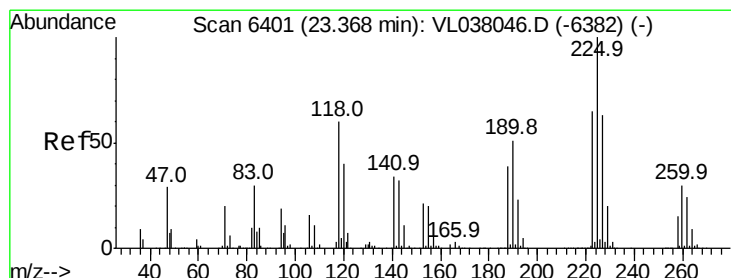
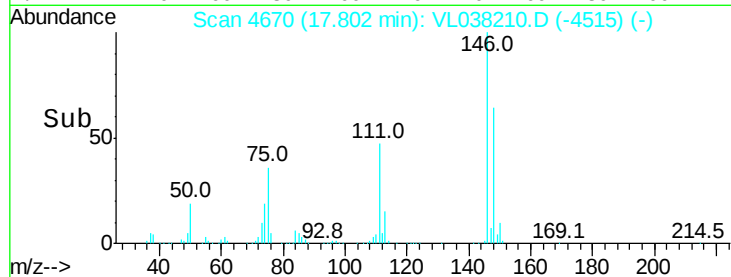
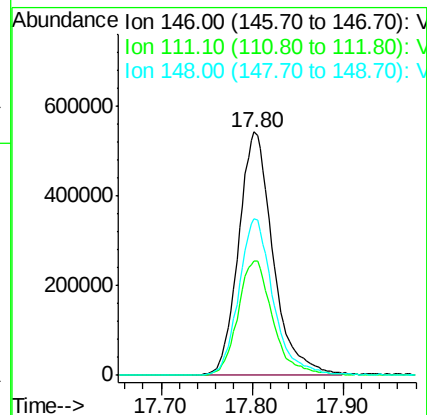
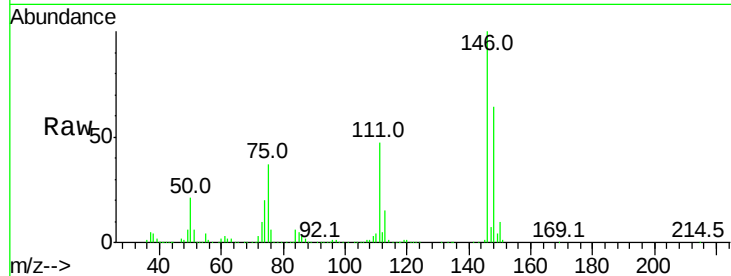
Acq: 17 Dec 2021 9:16

Instrument :
ClientSampleId :
VSTDCCC010EC

Tot Ion:1
Ion Rati
146 100
111 47.
148 64.

Manual Integrations
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Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.451 ppbv

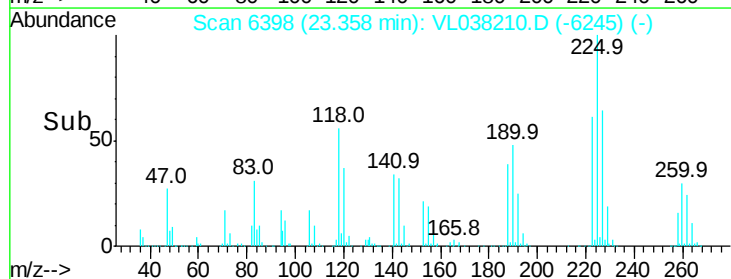
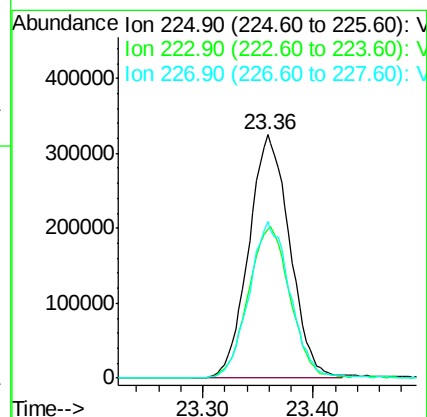
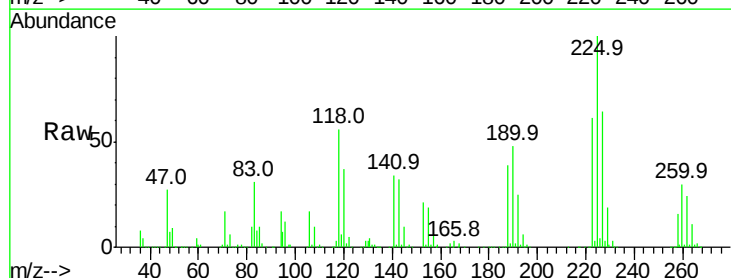
RT: 23.36 min Scan# 6398

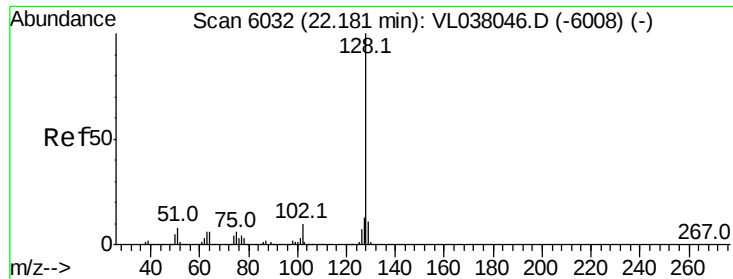
Delta R.T. -0.01 min

Lab File: VL038210.D

Acq: 17 Dec 2021 9:16

Tgt Ion:225 Resp: 836637
Ion Ratio Lower Upper
225 100
223 64.1 52.3 78.5
227 64.8 52.4 78.6



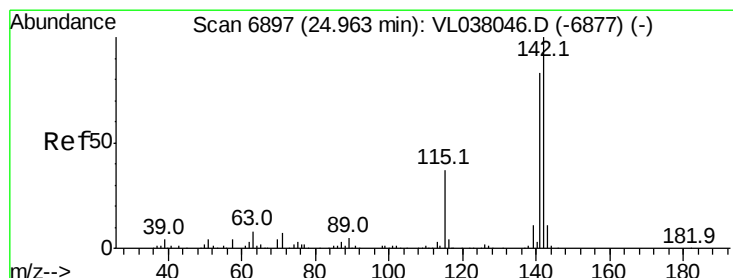
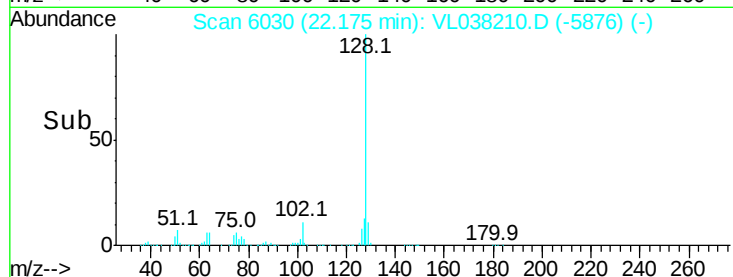
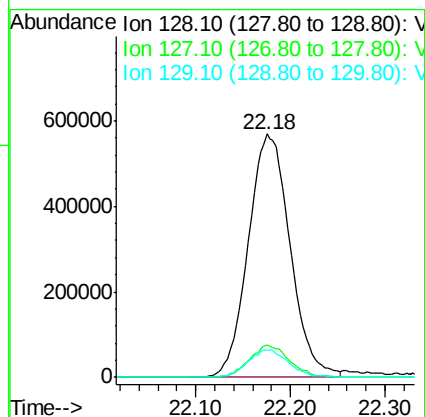
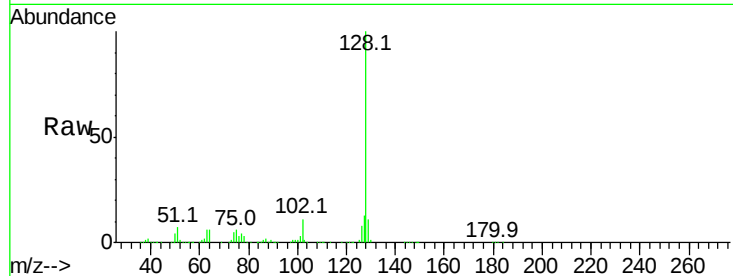


#79
Naphthalene
Concen: 11.131 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 17 Dec 2021 9:16

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

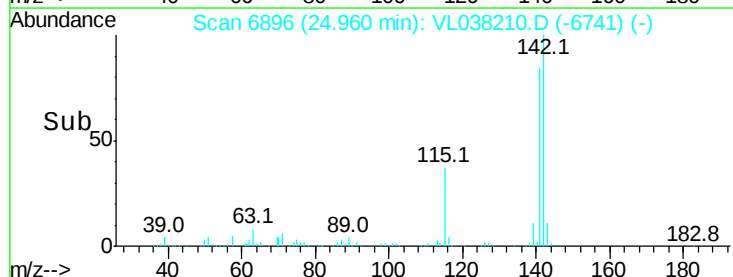
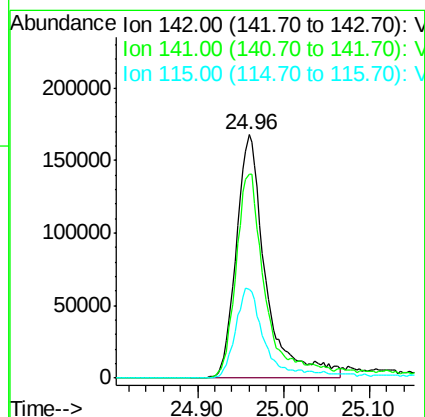
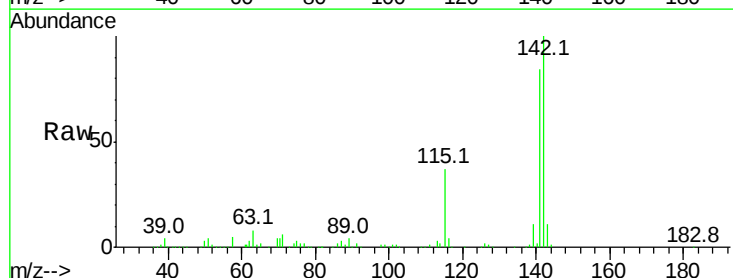
Manual Integrations
APPROVED

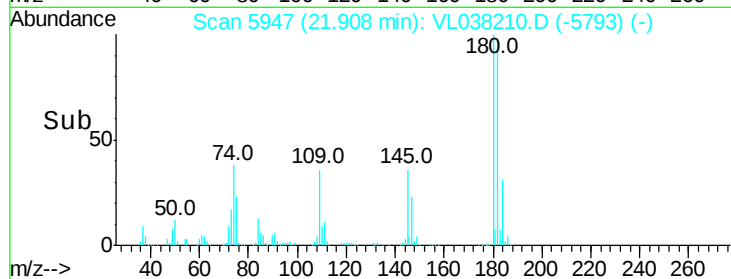
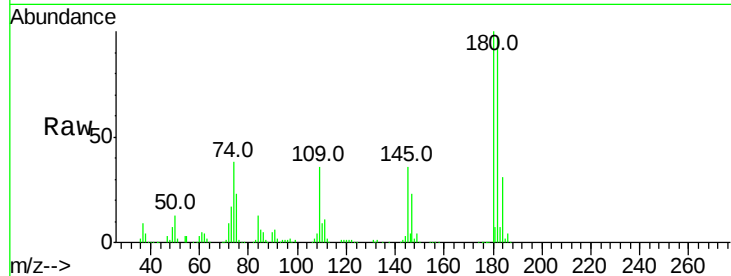
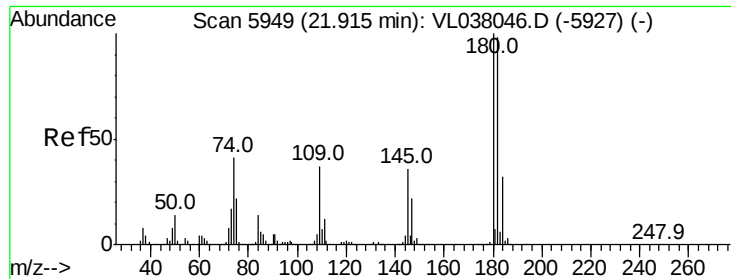
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#80
Naphthalene, 2-methyl-
Concen: 11.922 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL038210.D
Acq: 17 Dec 2021 9:16

Tgt Ion:142 Resp: 401146
Ion Ratio Lower Upper
142 100
141 85.7 67.3 100.9
115 39.8 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.498 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 17 Dec 2021 9:10

Tot Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

