

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038184.D
 Acq On : 16 Dec 2021 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 05:18:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1071535	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2880032	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2727112	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2107556	10.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1466968	8.288	ppbv 99
3) Chlorodifluoromethane	2.99	51	1943682	8.638	ppbv 98
4) Chloromethane	3.14	50	670375	8.751	ppbv 100
5) Vinyl Chloride	3.26	62	667611	8.884	ppbv 99
6) Bromomethane	3.47	94	360843	8.963	ppbv 97
7) Chloroethane	3.56	64	226695	8.500	ppbv 97
8) Dichlorotetrafluoroethane	3.19	85	1579503	8.971	ppbv 93
9) Propene	3.01	41	676107	8.158	ppbv 99
10) Heptane	8.12	43	1659395	8.102	ppbv 99
11) Trichlorofluoromethane	3.95	101	1566044	9.303	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1113237	9.349	ppbv 96
13) Ethanol	3.61	45	64344m	8.034	ppbv
14) Bromoethene	3.74	108	484383	9.084	ppbv 96
15) Acetone	3.84	43	823193	8.861	ppbv 98
16) 1,3-Butadiene	3.33	39	626446	8.643	ppbv 97
17) tert-Butyl alcohol	4.28	59	950222	8.432	ppbv 100
18) 1,1-Dichloroethene	4.29	96	496597	9.091	ppbv 96
19) Isopropyl Alcohol	3.96	45	548034	8.164	ppbv 100
20) Methylene Chloride	4.34	84	423367	8.136	ppbv 98
21) Allyl Chloride	4.41	41	729283	8.480	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	510655	9.229	ppbv 96
23) Vinyl Acetate	5.07	43	1189101	8.842	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1016734	9.079	ppbv 100
25) Ethyl Acetate	5.67	43	2558031	8.285	ppbv 99
26) Hexane	5.68	57	1177119	7.909	ppbv 98
27) Carbon Disulfide	4.55	76	1224110	9.182	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	1067181	8.442	ppbv 99
29) Chloroform	5.75	83	1917288	8.741	ppbv 98
30) Cyclohexane	7.12	84	1016396	7.523	ppbv 92
31) cis-1,2-Dichloroethene	5.55	61	1194050	8.434	ppbv 93
32) 1,1,1-Trichloroethane	6.51	97	1842011	8.275	ppbv 97
34) 2-Butanone	5.24	43	1135114	9.775	ppbv 97
35) Carbon Tetrachloride	7.01	117	1932370	9.549	ppbv 97
36) Benzene	6.89	78	2515336	8.755	ppbv 97
37) 1,2-Dichloroethane	6.30	62	1462244	10.539	ppbv 96
38) Trichloroethene	7.83	130	905000	8.351	ppbv 95
39) 1,2-Dichloropropane	7.61	63	976488	8.861	ppbv 93
40) 1,4-Dioxane	7.83	88	242001	8.429	ppbv # 1
41) Tetrahydrofuran	6.04	42	643618	8.928	ppbv 96
42) Bromodichloromethane	7.78	83	2113579	10.020	ppbv 99
43) Methyl Methacrylate	8.01	69	947966	9.645	ppbv 93

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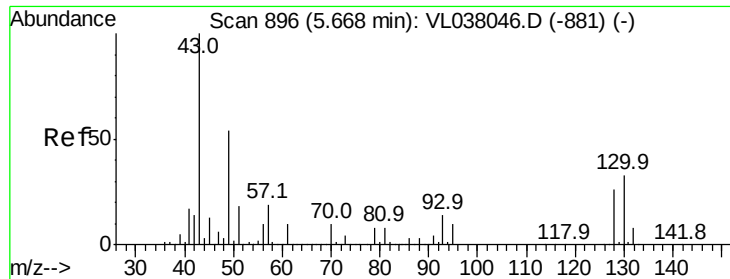
Manual Integrations
 APPROVED

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

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4166572	8.669	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	855623	10.853	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	1078027	10.110	ppbv	94
47) 1,1,2-Trichloroethane	9.47	97	1005375	8.711	ppbv	96
48) Dibromochloromethane	10.30	129	1707442	9.714	ppbv	99
49) Bromoform	13.03	173	1289159	10.252	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1800545	10.209	ppbv	96
51) 2-Hexanone	10.13	43	891329	10.742	ppbv #	94
52) Tetrachloroethene	11.22	164	824771	7.759	ppbv	98
53) Toluene	9.80	91	2838518	8.587	ppbv	98
54) 1,2-Dibromoethane	10.60	107	1480149	9.079	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1096929	8.860	ppbv	96
57) Chlorobenzene	12.14	112	2027471	8.295	ppbv	95
58) Ethyl Benzene	12.70	91	3755243	8.331	ppbv	96
59) m/p-Xylene	12.99	91	6399365m	16.866	ppbv	
60) o-Xylene	13.69	91	3002691	8.531	ppbv	94
61) Styrene	13.52	104	1582742	8.387	ppbv	94
62) Isopropylbenzene	14.66	105	3975069	7.956	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2184278	8.354	ppbv	100
64) n-propylbenzene	15.55	120	1046293	8.220	ppbv	90
65) tert-Butylbenzene	16.73	119	3501120	7.954	ppbv	96
66) Benzyl Chloride	16.98	91	202995	9.099	ppbv	94
67) sec-Butylbenzene	17.28	105	4928056	8.035	ppbv	100
69) p-Isopropyltoluene	17.64	119	4019361	8.377	ppbv	97
70) n-Butylbenzene	18.54	91	4219381	9.197	ppbv	98
71) 2-Chlorotoluene	15.45	91	3075401	8.419	ppbv	97
72) 4-Ethyltoluene	15.83	105	3507977	8.596	ppbv	97
73) 1,3,5-Trimethylbenzene	15.99	105	3103443	8.326	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	3244166	8.446	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	1837968	8.712	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1783620	8.401	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	1756765	8.600	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1052658	8.253	ppbv	100
79) Naphthalene	22.18	128	2034547	10.058	ppbv	100
80) Naphthalene,2-methyl-	24.96	142	493549	11.385	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	1128389	9.708	ppbv	99

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

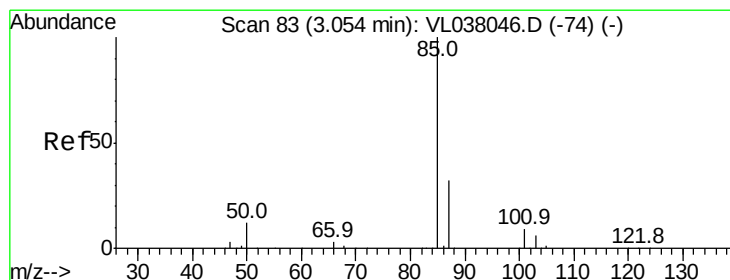
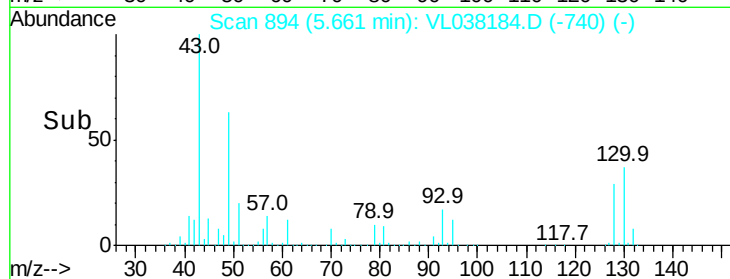
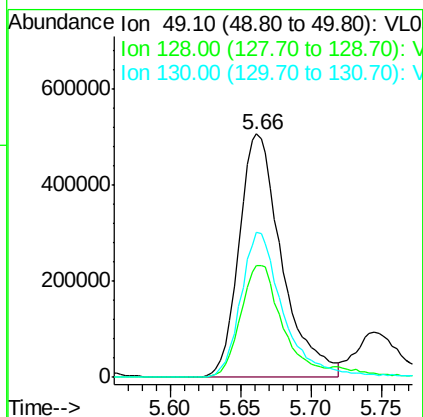
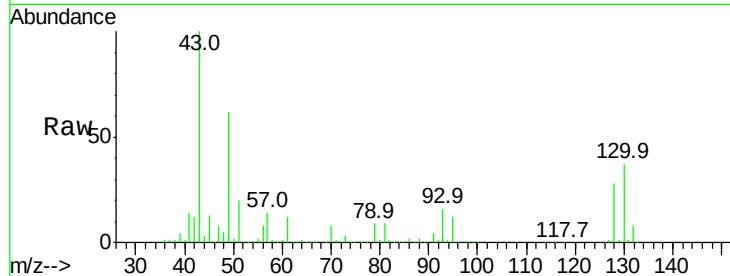


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:
 Ion Ratio
 49 100
 128 49.
 130 60.

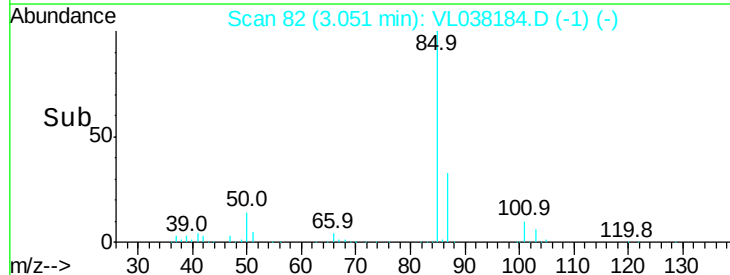
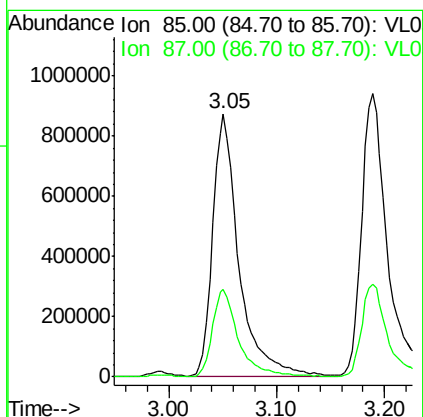
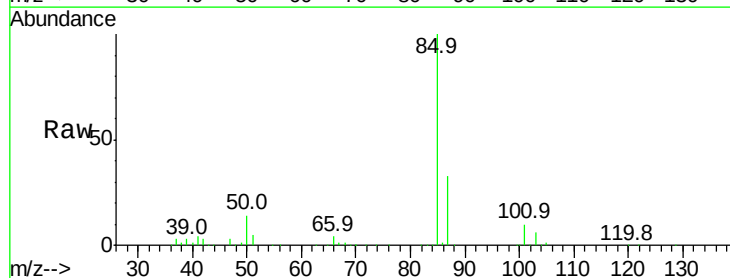
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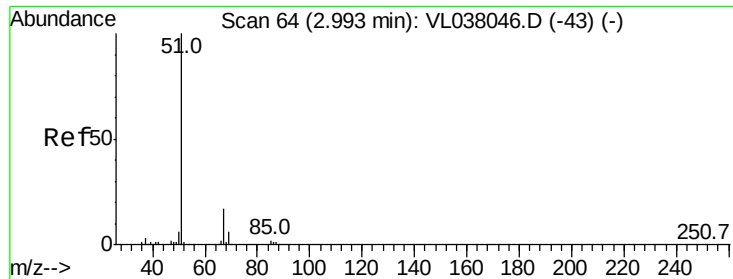
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#2
 Dichlorodifluoromethane
 Concen: 8.288 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion: 85 Resp: 1466968
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.8 38.6





#3

Chlorodifluoromethane

Concen: 8.638 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

51 100

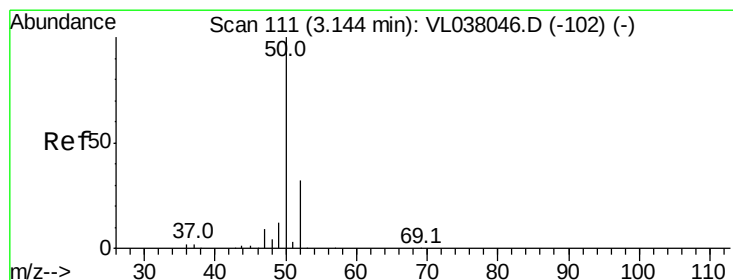
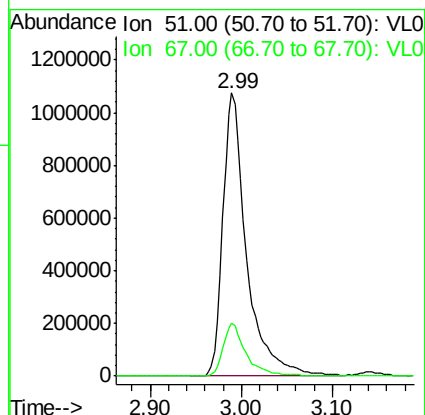
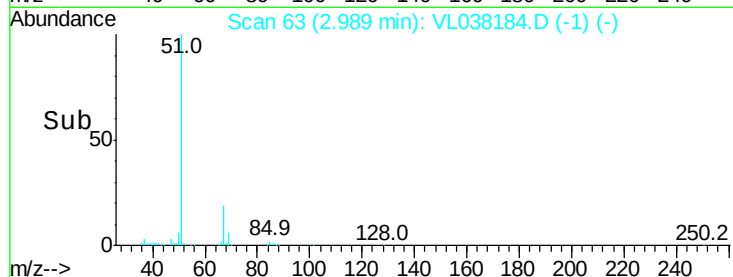
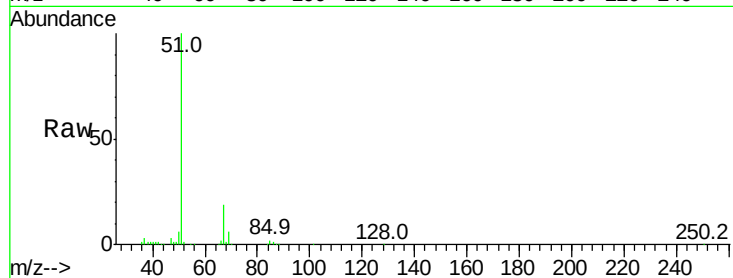
67 18.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#4

Chloromethane

Concen: 8.751 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038184.D

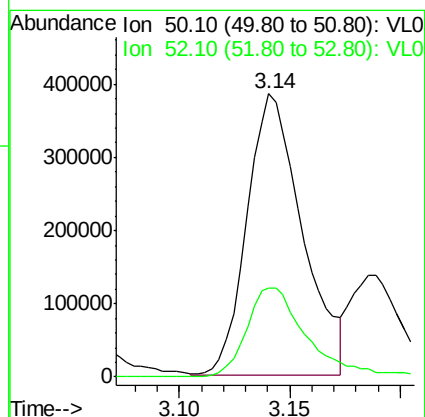
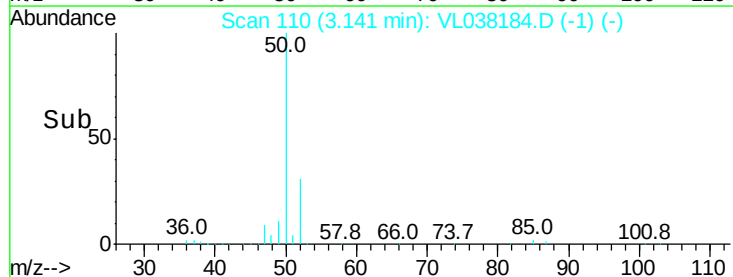
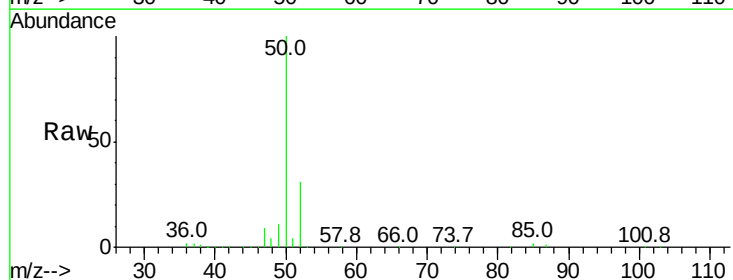
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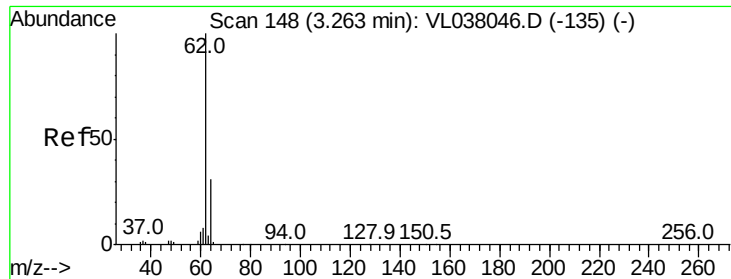
Tgt Ion: 50 Resp: 670375

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.0





#5

Vinyl Chloride

Concen: 8.884 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

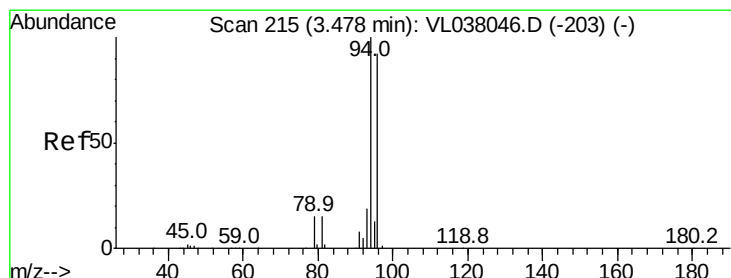
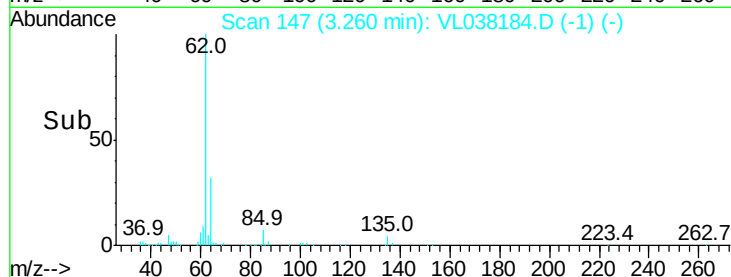
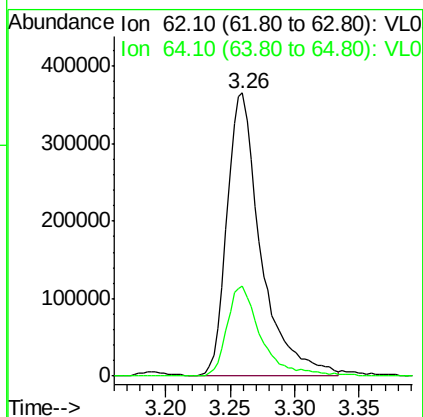
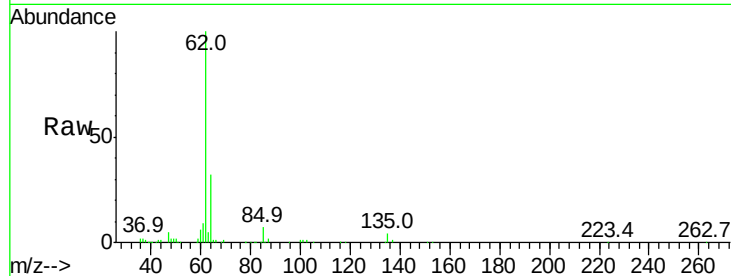
64 32.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#6

Bromomethane

Concen: 8.963 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038184.D

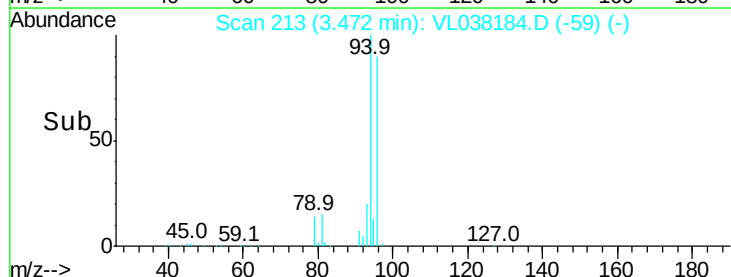
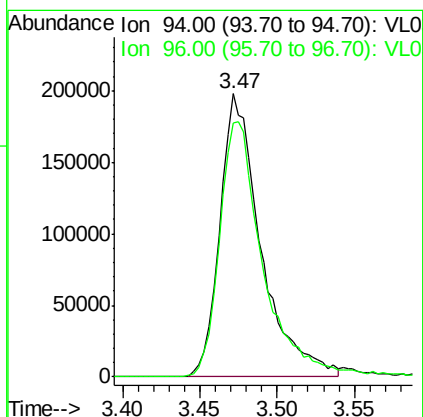
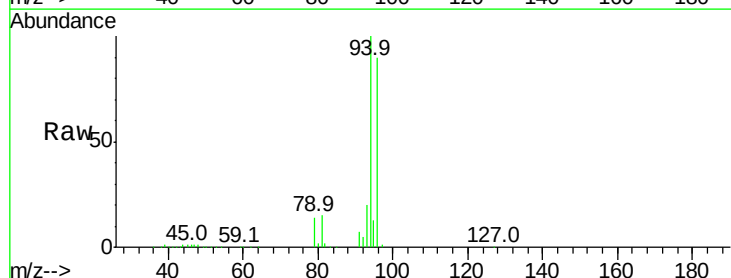
Acq: 16 Dec 2021 11:10

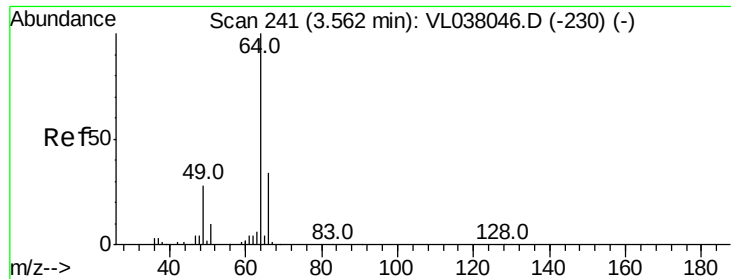
Tgt Ion: 94 Resp: 360843

Ion Ratio Lower Upper

94 100

96 89.2 73.9 110.9





#7

Chloroethane

Concen: 8.500 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

64 100

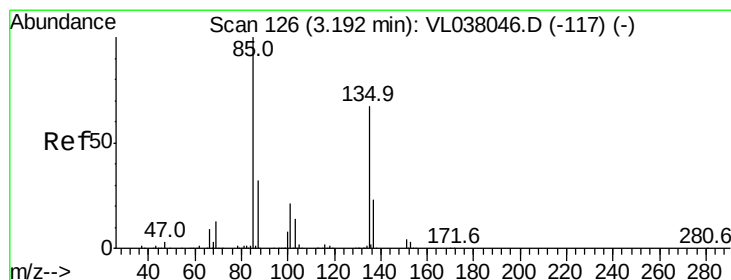
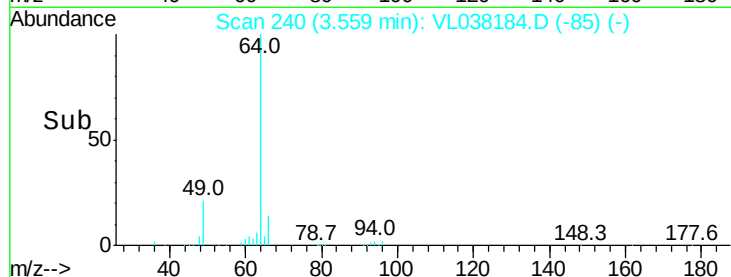
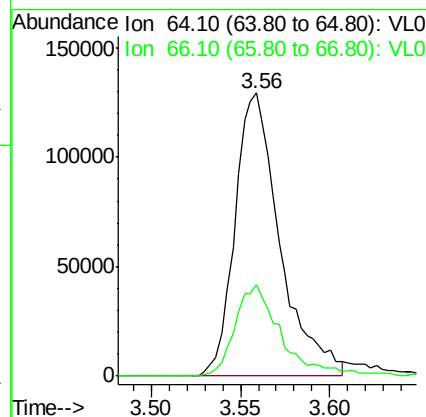
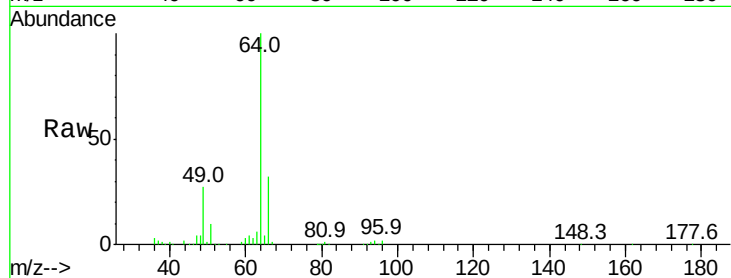
66 32.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#8

Dichlorotetrafluoroethane

Concen: 8.971 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038184.D

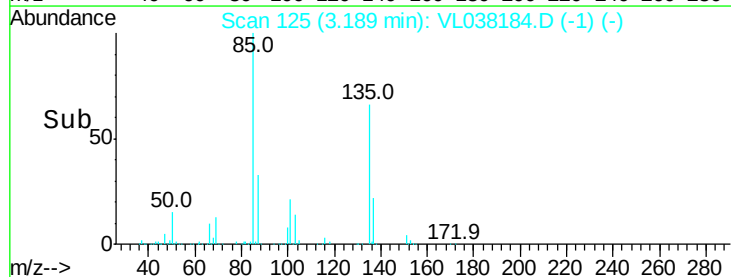
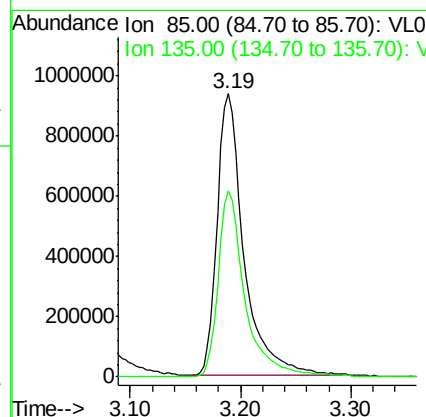
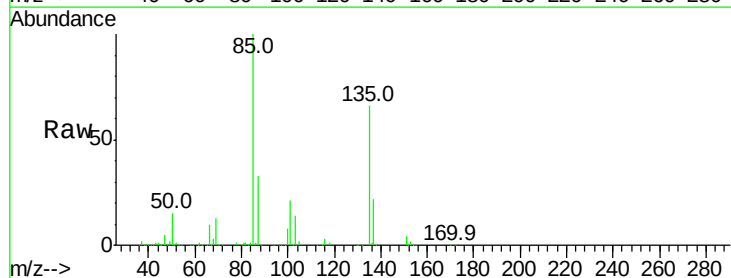
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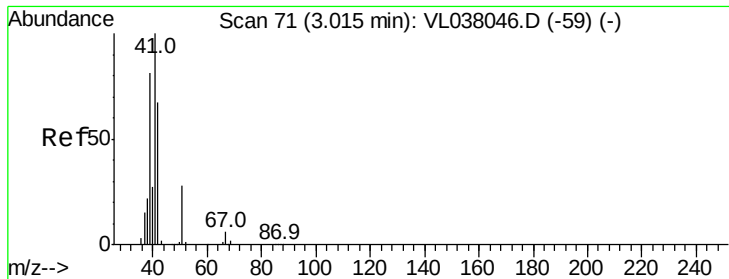
Tgt Ion: 85 Resp: 1579503

Ion Ratio Lower Upper

85 100

135 66.6 57.9 86.9





#9

Propene

Concen: 8.158 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

41 100

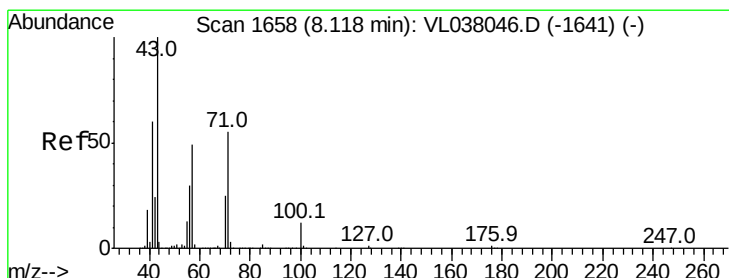
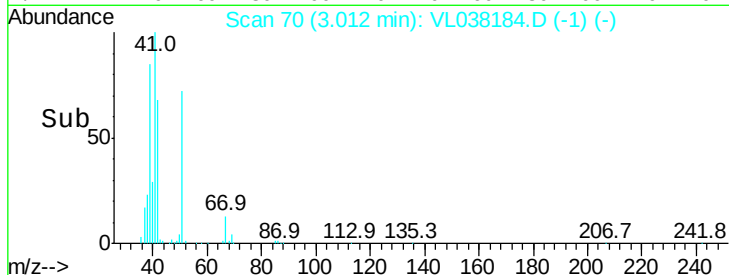
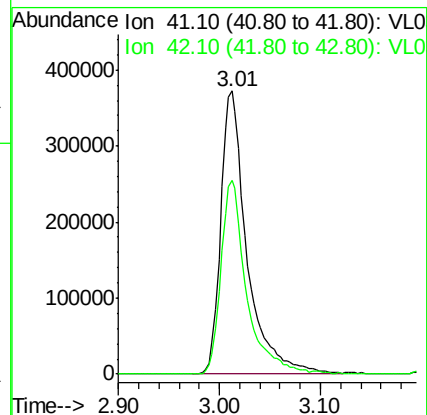
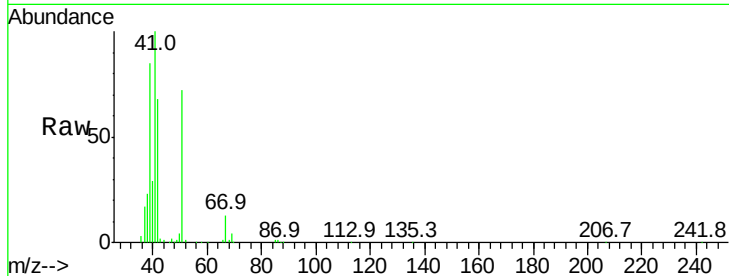
42 67.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#10

Heptane

Concen: 8.102 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VL038184.D

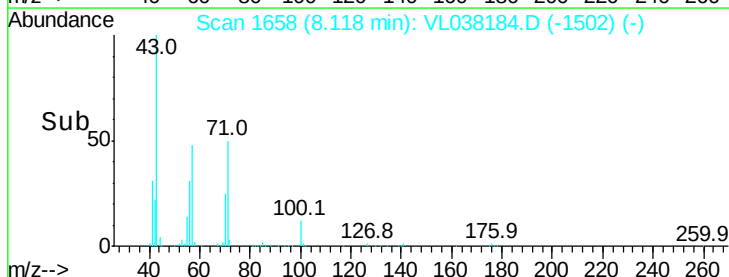
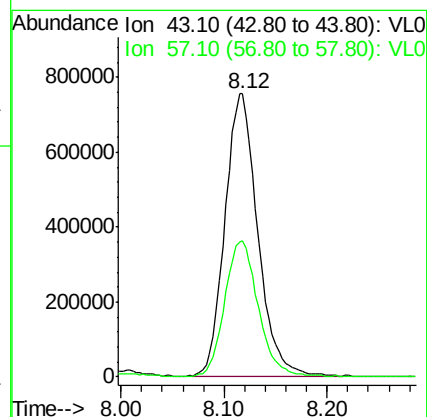
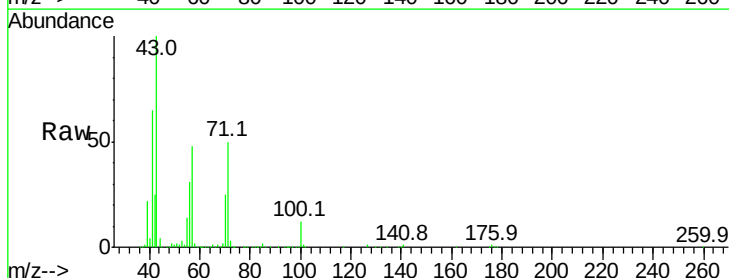
Acq: 16 Dec 2021 11:10

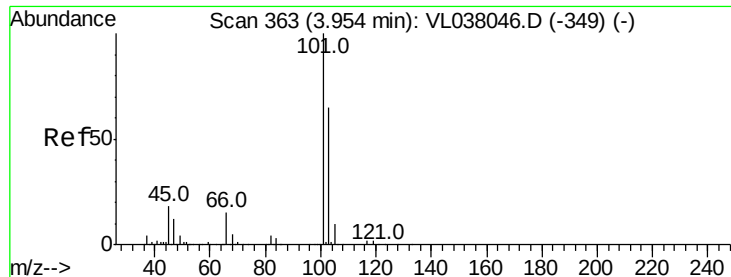
Tgt Ion: 43 Resp: 1659395

Ion Ratio Lower Upper

43 100

57 49.5 40.4 60.6



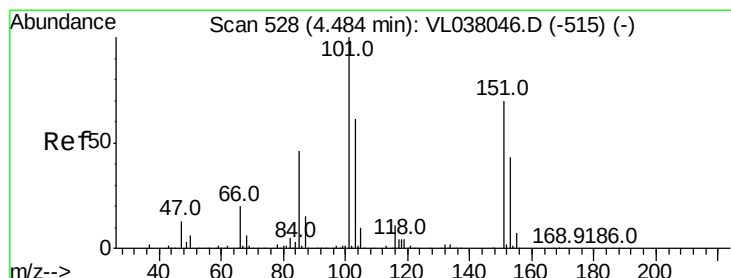
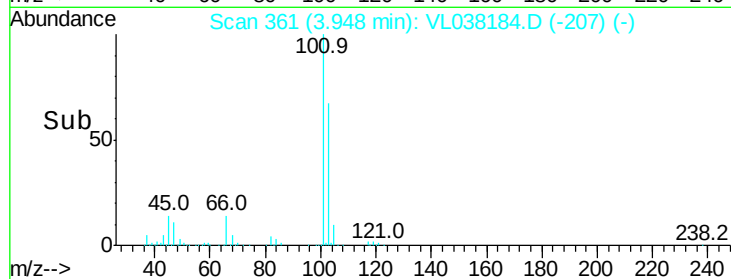
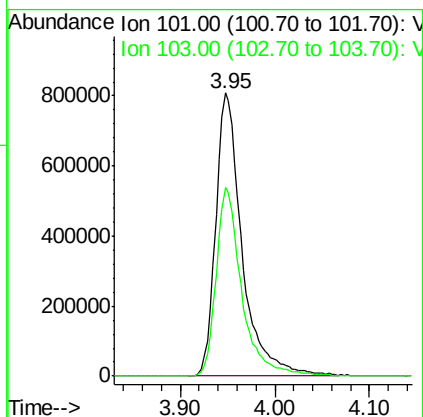
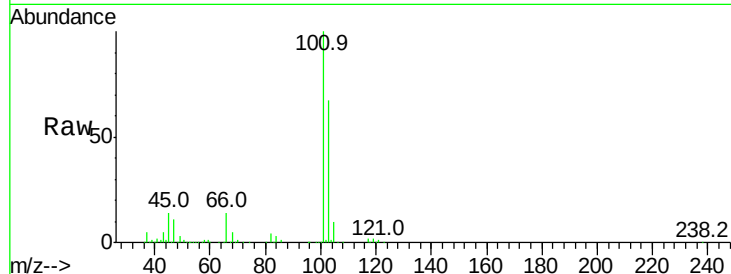


#11
 Trichlorofluoromethane
 Concen: 9.303 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:1
 Ion Rati
 101 100
 103 66.

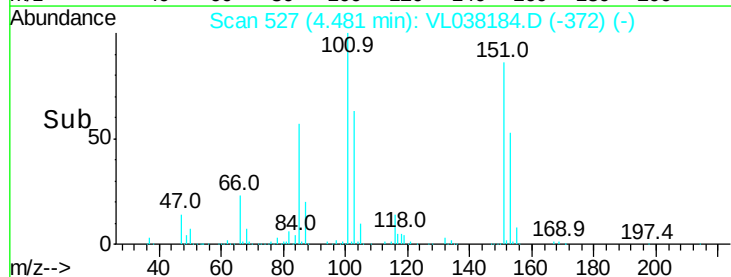
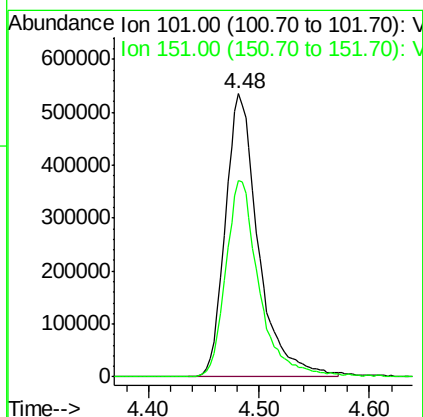
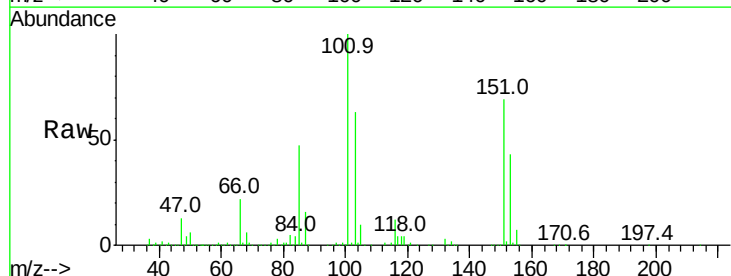
Manual Integrations
 APPROVED

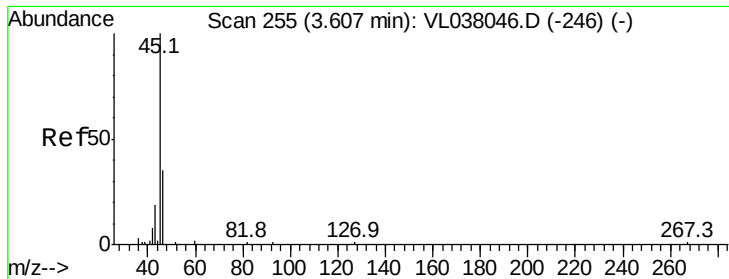
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.349 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion:101 Resp: 1113237
 Ion Ratio Lower Upper
 101 100
 151 70.3 59.0 88.4



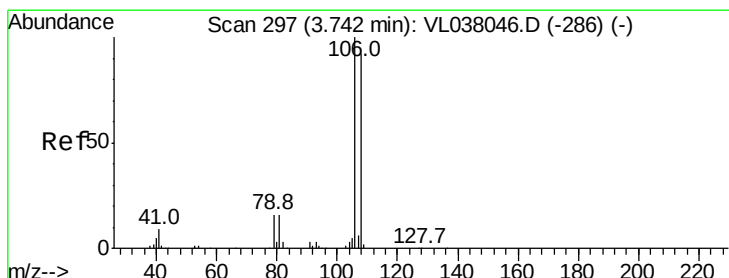
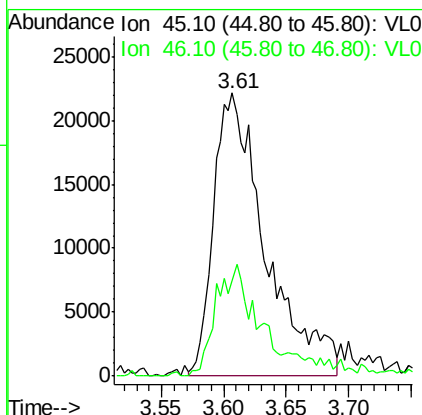
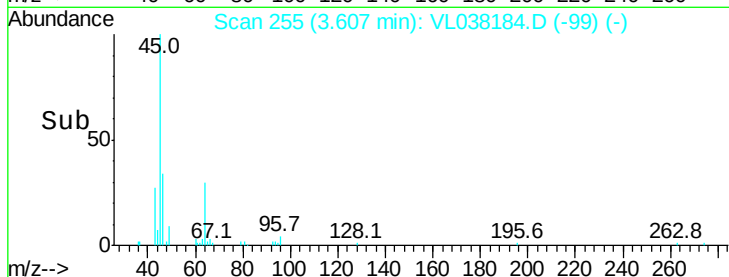
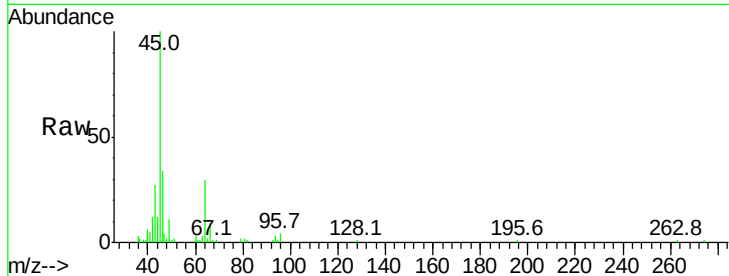


#13
Ethanol
Concen: 8.034 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 16 Dec 2021 11:10

Tot Ion:
Ion Ratio
45 100
46 38.

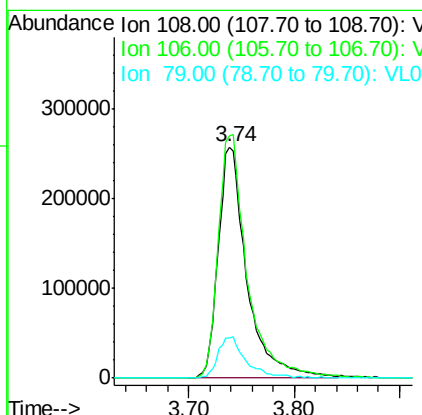
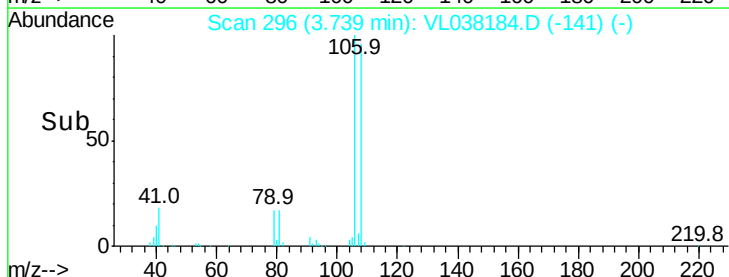
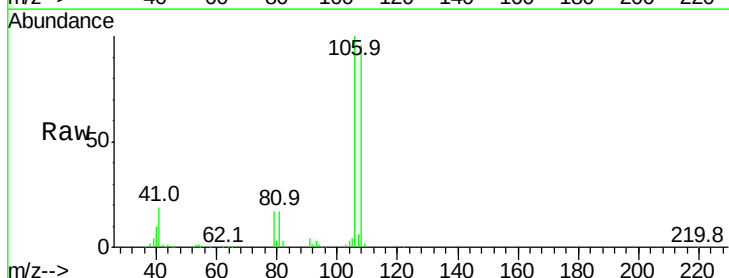
Manual Integrations
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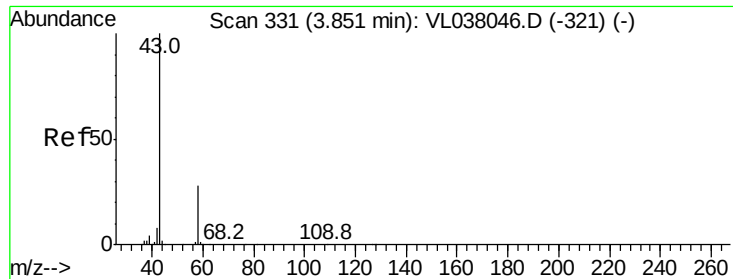
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#14
Bromoethene
Concen: 9.084 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion:108 Resp: 484383
Ion Ratio Lower Upper
108 100
106 107.0 89.4 134.0
79 18.2 14.1 21.1





#15

Acetone

Concen: 8.861 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

43 100

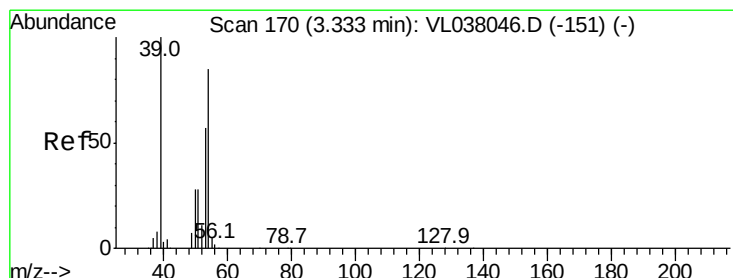
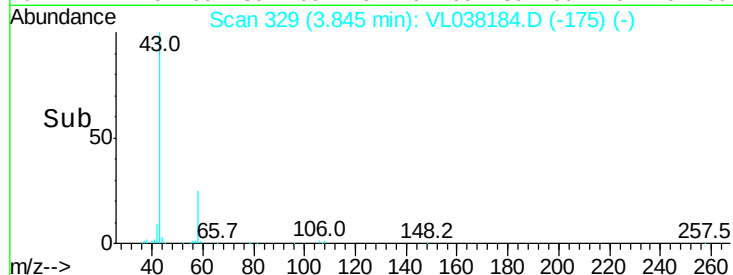
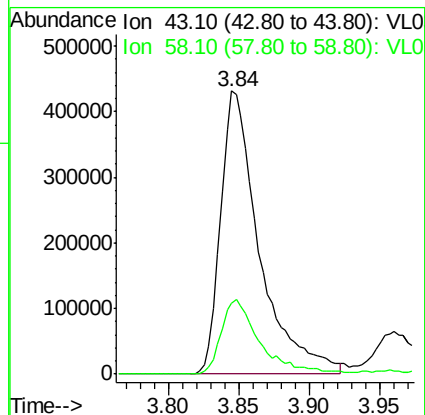
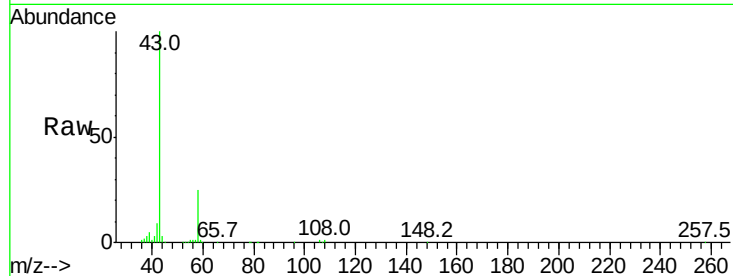
58 26.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#16

1,3-Butadiene

Concen: 8.643 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL038184.D

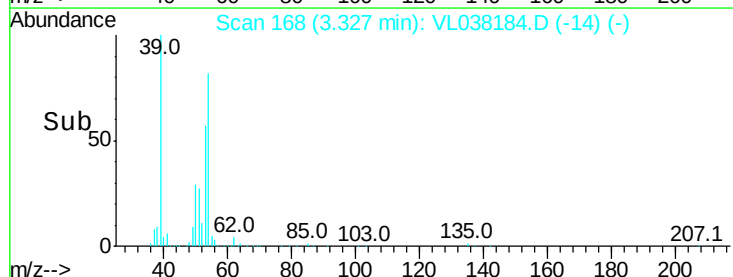
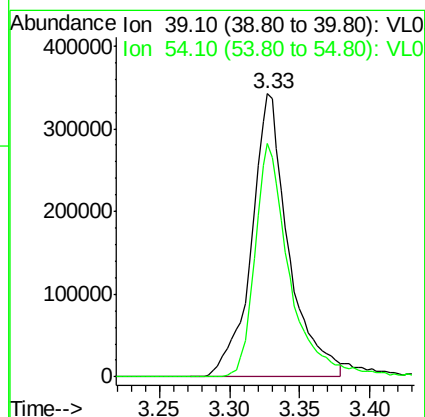
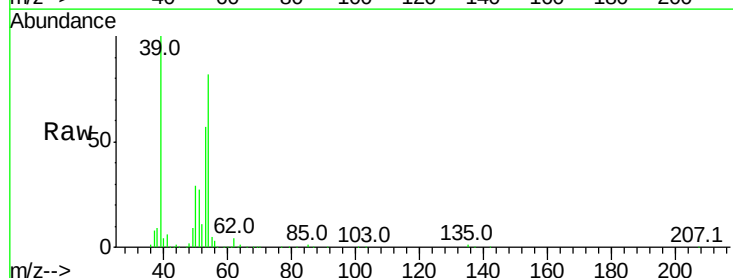
Acq: 16 Dec 2021 11:10

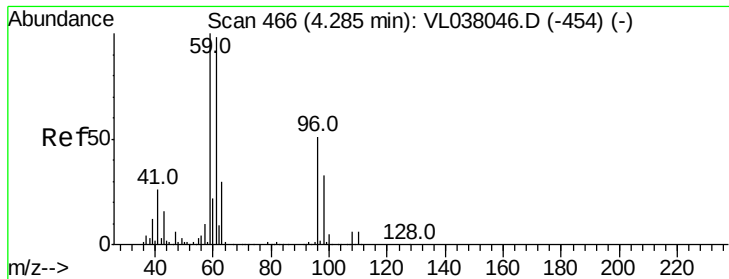
Tgt Ion: 39 Resp: 626446

Ion Ratio Lower Upper

39 100

54 78.2 64.4 96.6





#17

tert-Butyl alcohol

Concen: 8.432 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

59 100

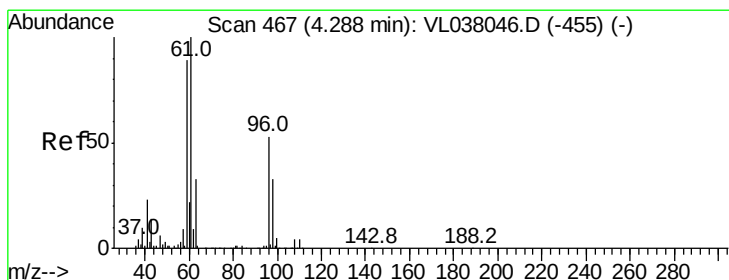
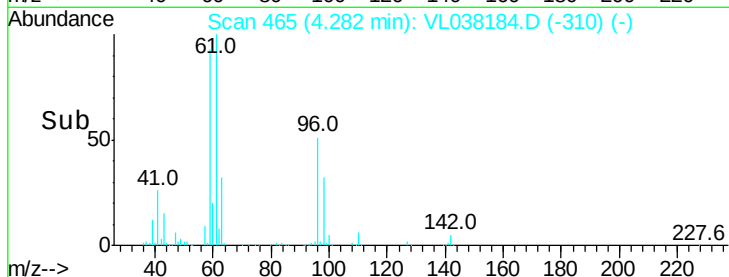
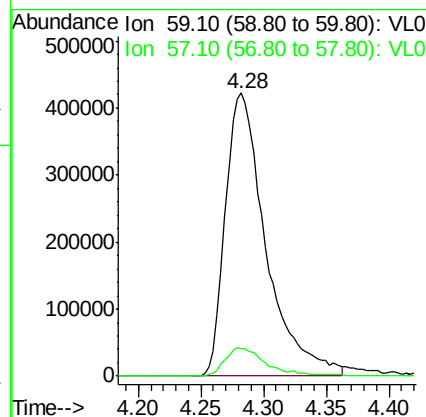
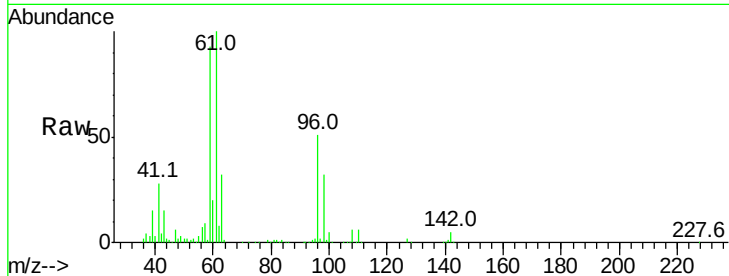
57 10.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#18

1,1-Dichloroethene

Concen: 9.091 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

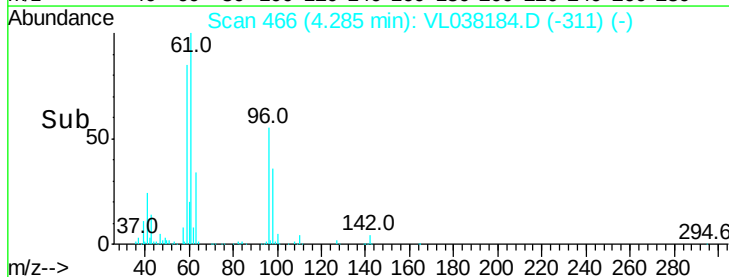
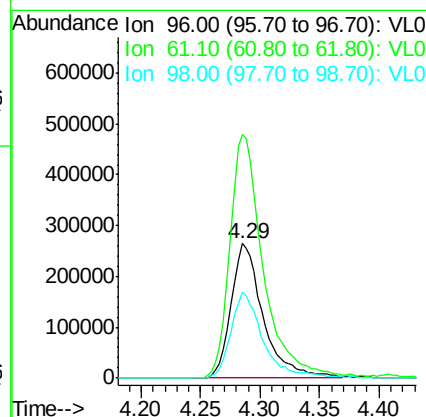
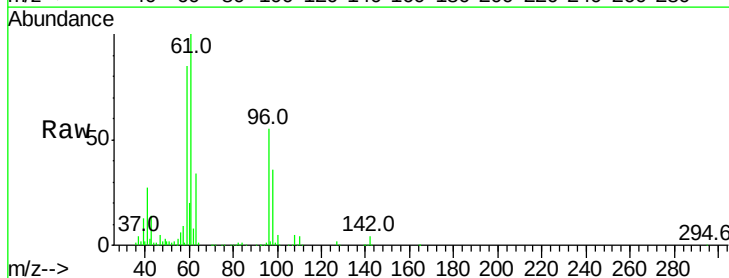
Tgt Ion: 96 Resp: 496597

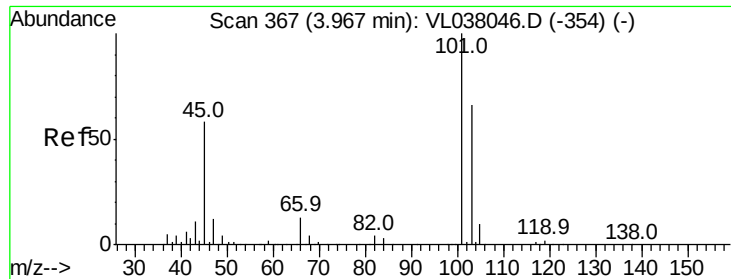
Ion Ratio Lower Upper

96 100

61 181.0 149.8 224.8

98 64.4 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.164 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

45 100

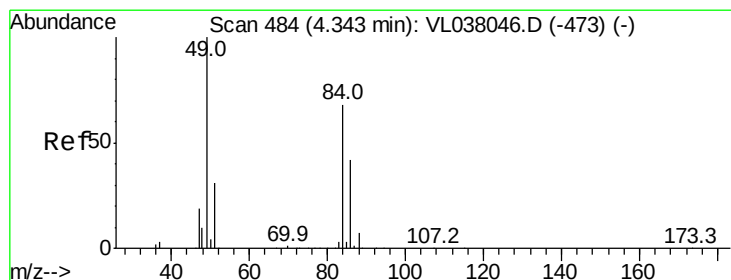
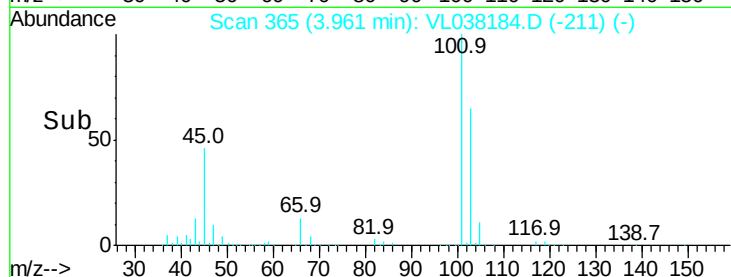
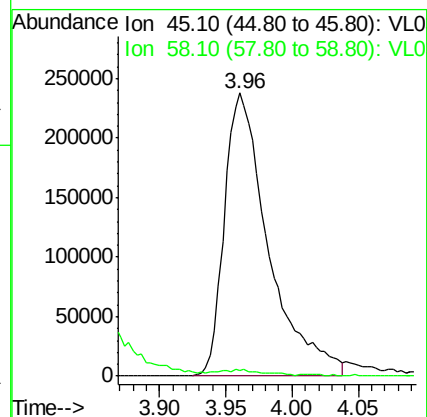
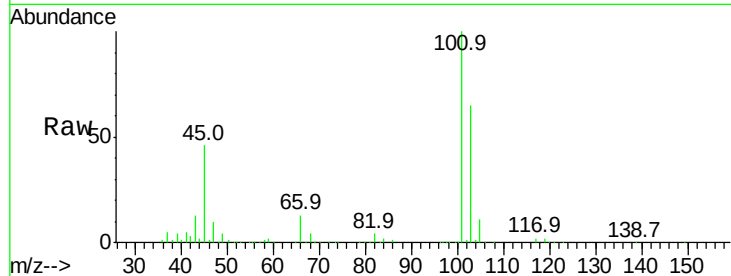
58 1.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#20

Methylene Chloride

Concen: 8.136 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion: 84 Resp: 423367

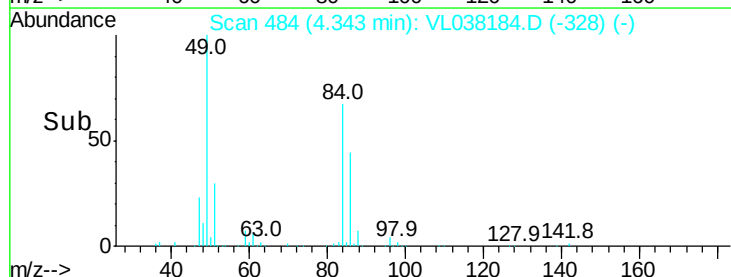
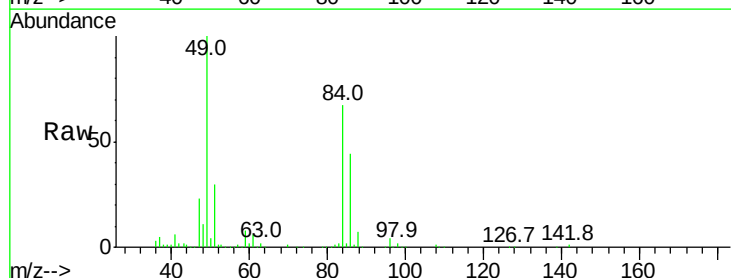
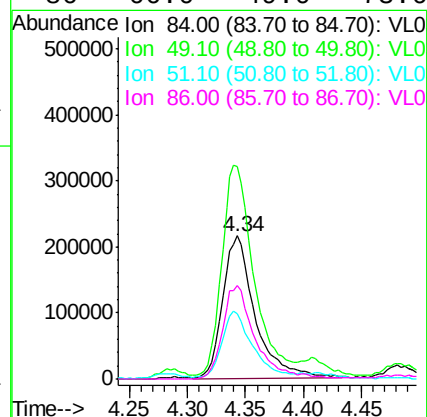
Ion Ratio Lower Upper

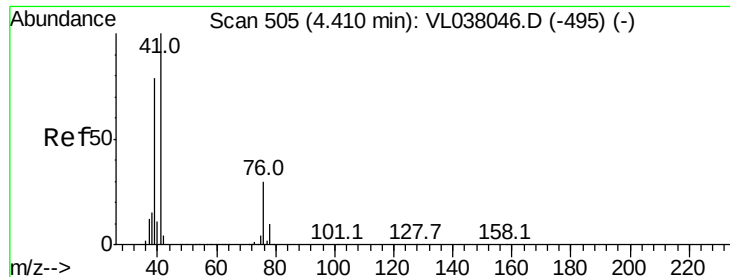
84 100

49 147.1 118.2 177.2

51 44.5 36.8 55.2

86 66.0 49.0 73.6





#21

Allvl Chloride

Concen: 8.480 ppbv

RT: 4.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

41 100

76 30.

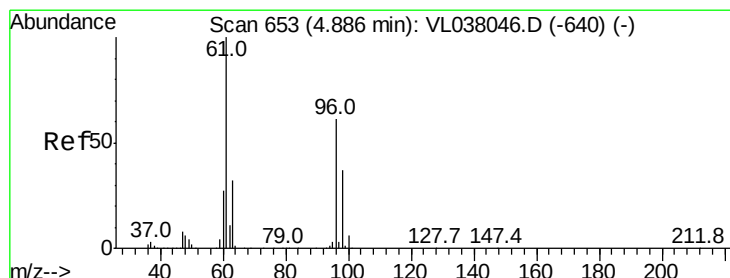
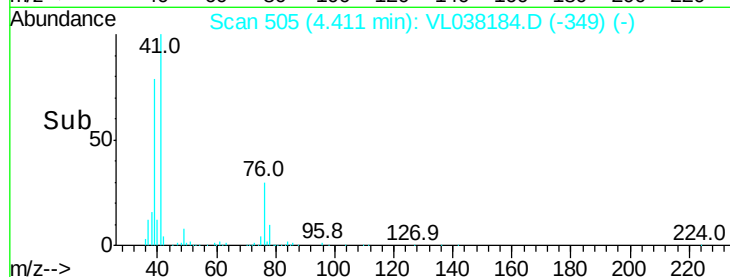
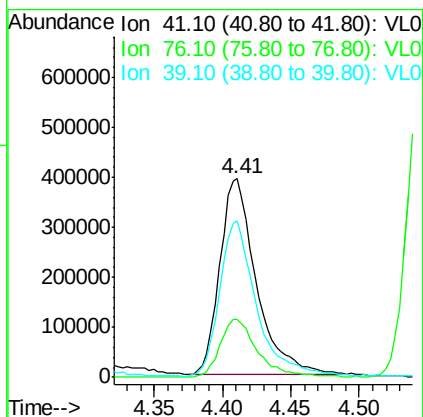
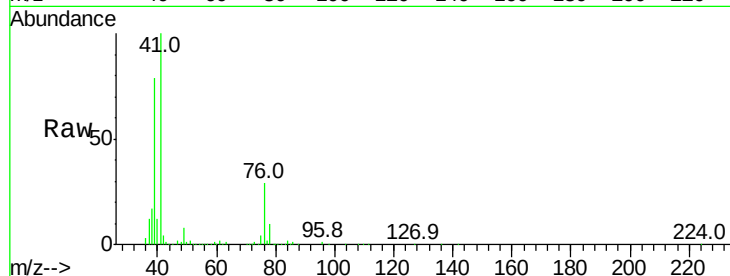
39 80.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#22

trans-1,2-Dichloroethene

Concen: 9.229 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

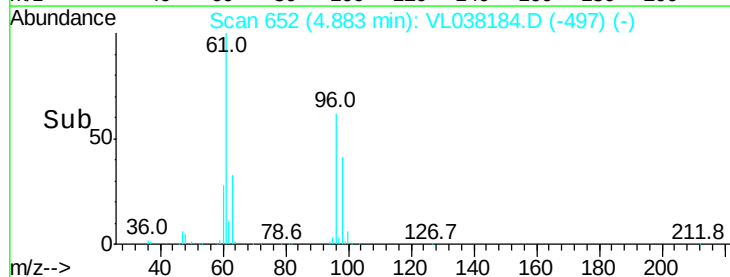
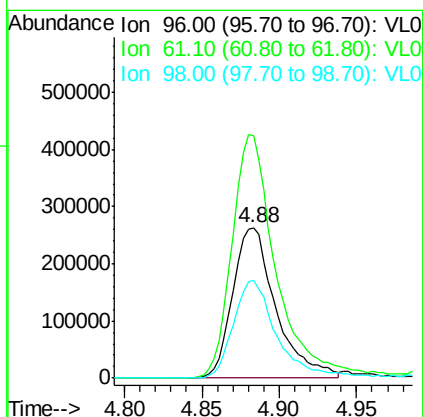
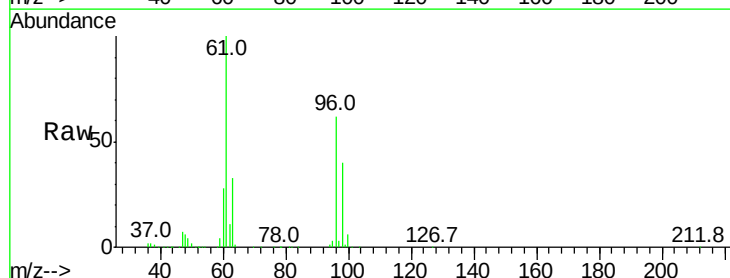
Tgt Ion: 96 Resp: 510655

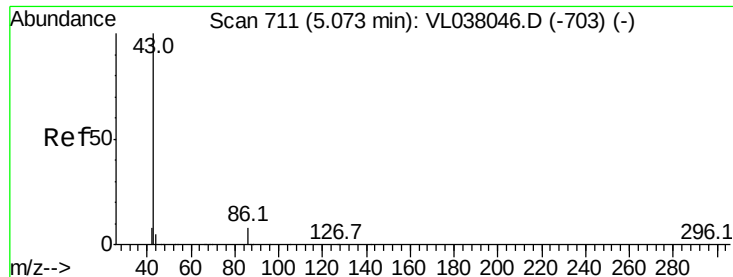
Ion Ratio Lower Upper

96 100

61 160.7 131.6 197.4

98 65.0 48.4 72.6





#23

Vinyl Acetate

Concen: 8.842 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10 VSTDCC010

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

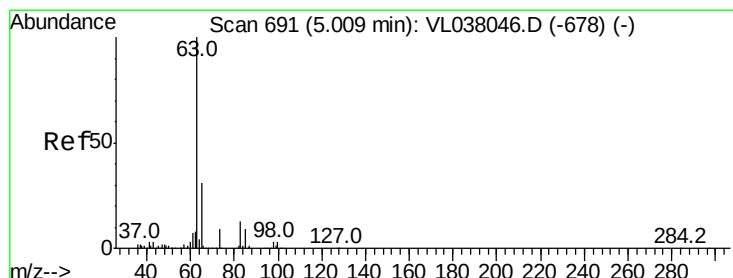
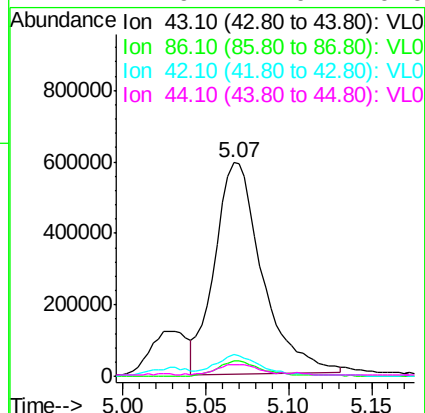
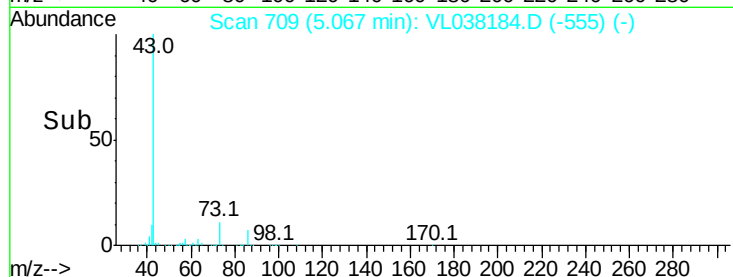
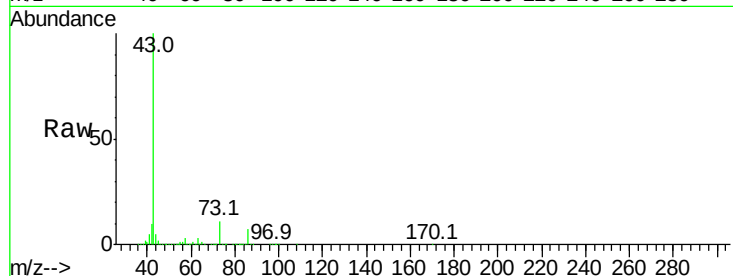
44 4.9

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#24

1,1-Dichloroethane

Concen: 9.079 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion: 63 Resp: 1016734

Ion Ratio Lower Upper

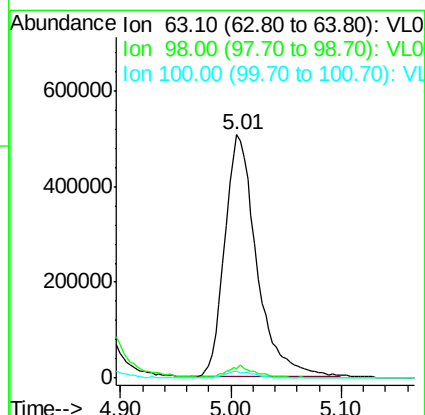
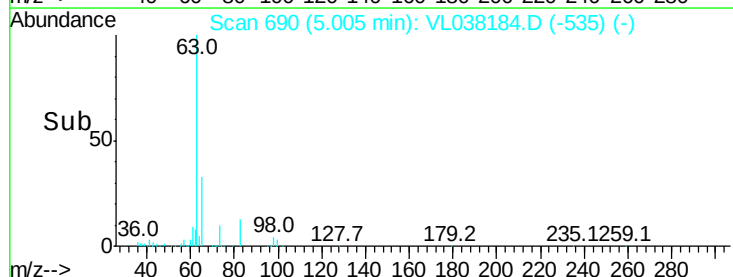
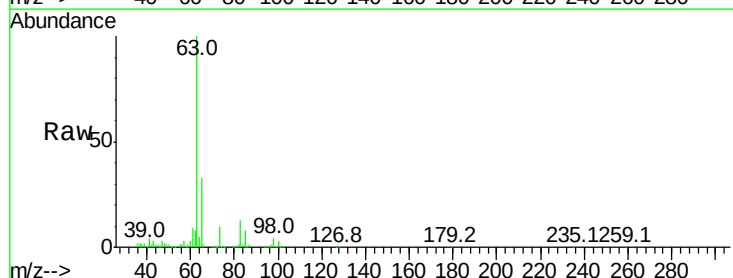
63 100

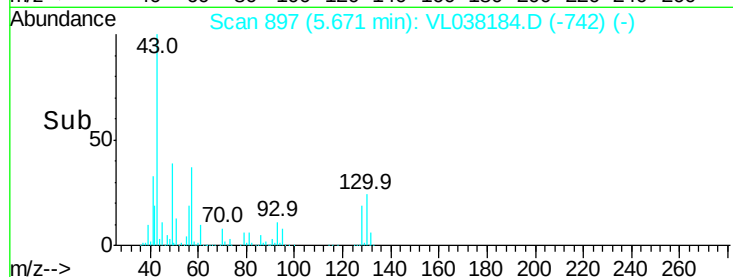
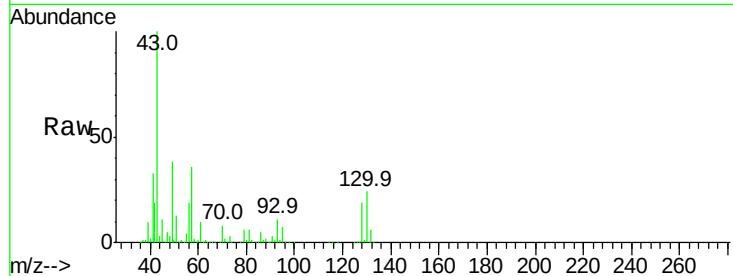
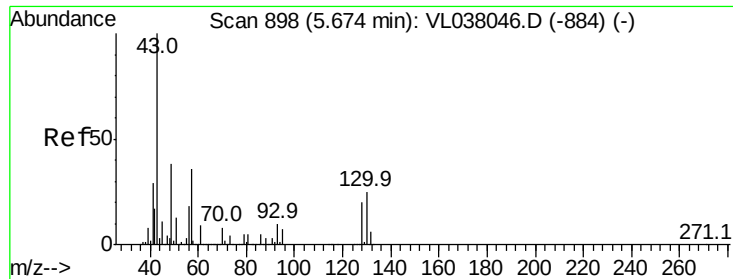
98 3.7

100 2.8

1.8 5.4

1.4 4.0



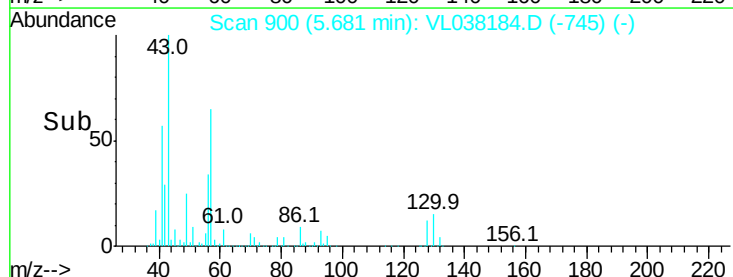
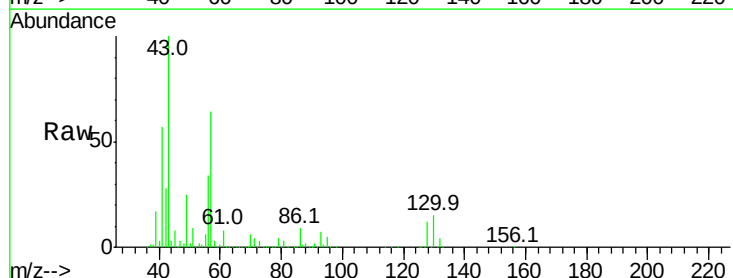
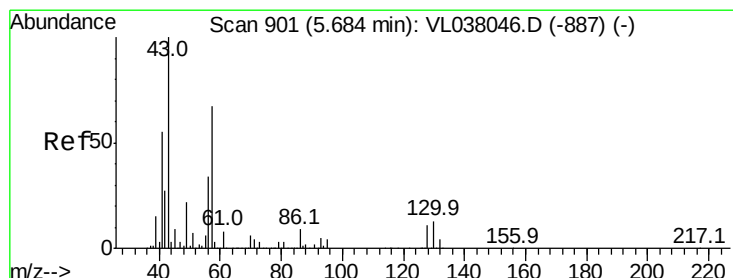
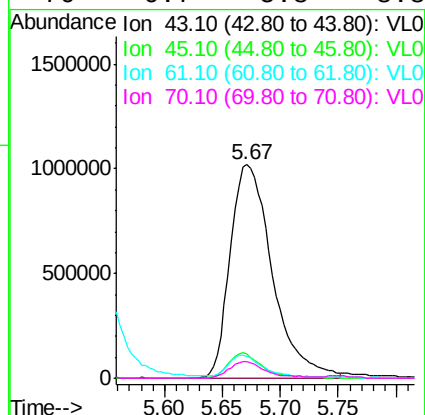


#25
Ethyl Acetate
Concen: 8.285 ppbv
RT: 5.67
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.7 5.8 8.8

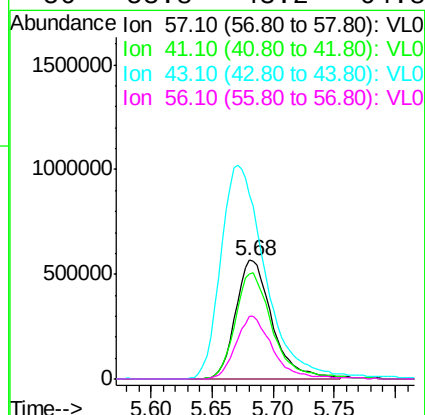
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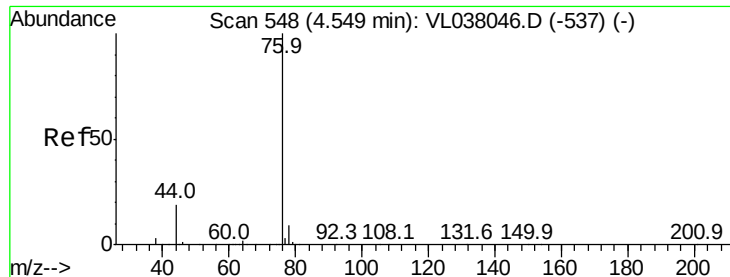
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#26
Hexane
Concen: 7.909 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 57 Resp: 1177119
Ion Ratio Lower Upper
57 100
41 92.3 71.4 107.2
43 222.2 174.6 261.8
56 53.8 43.2 64.8



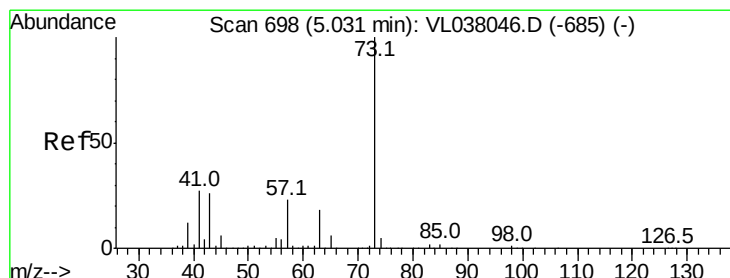
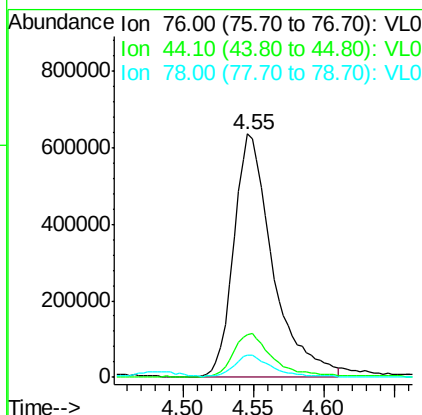
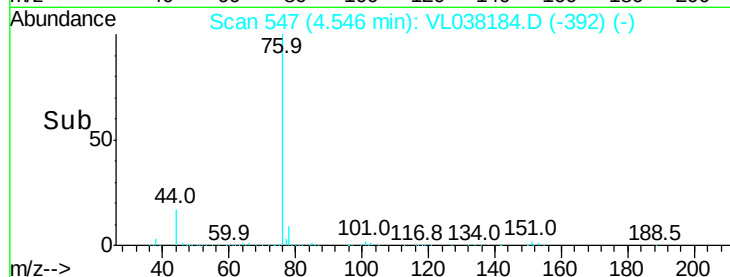
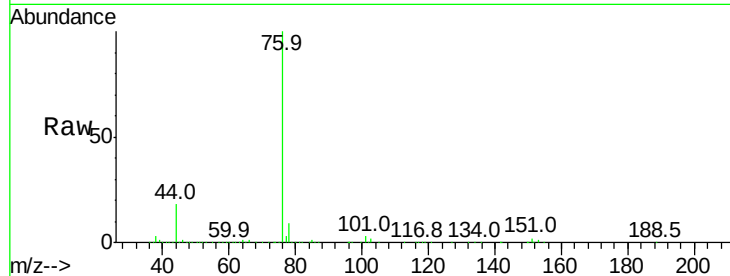


#27
Carbon Disulfide
Concen: 9.182 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10

Tot Ion:
Ion Ratio
76 100
44 18.
78 9.

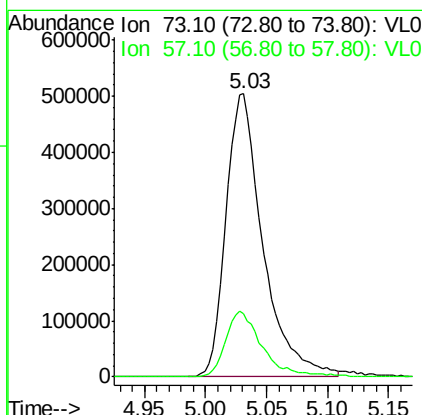
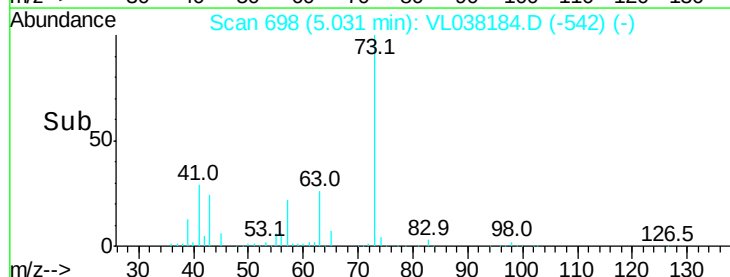
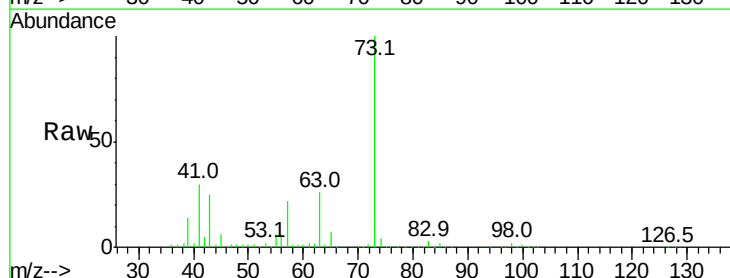
Manual Integrations
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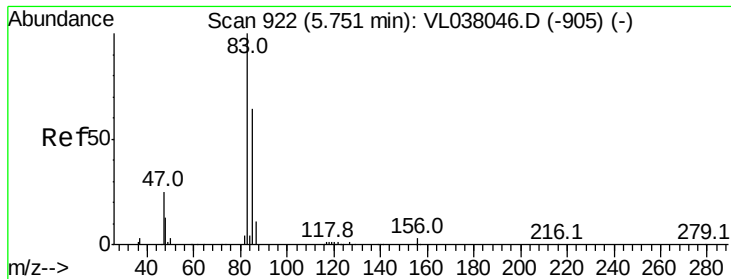
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#28
Methyl tert-Butyl Ether
Concen: 8.442 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 73 Resp: 1067181
Ion Ratio Lower Upper
73 100
57 23.3 19.0 28.4



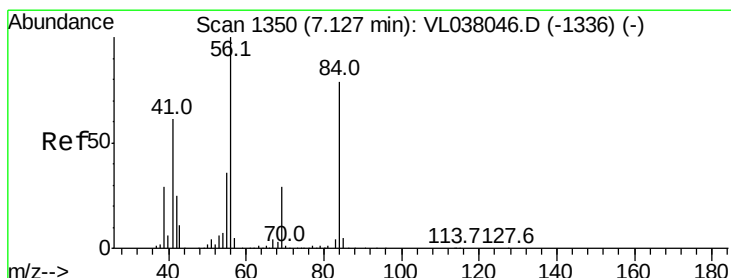
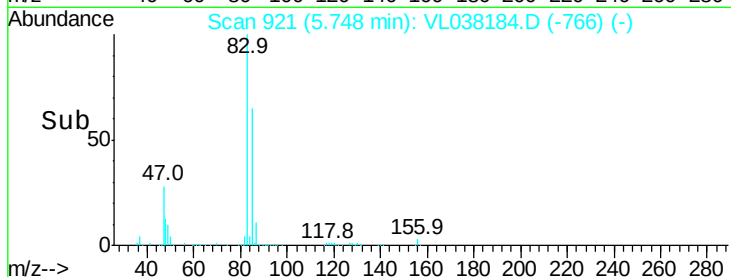
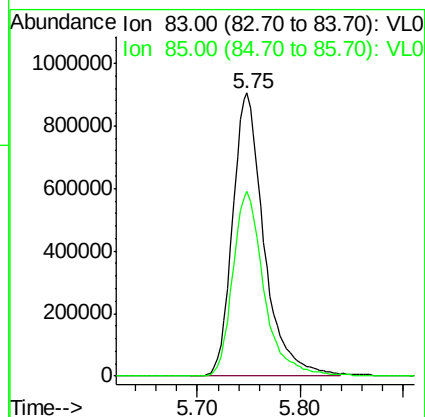
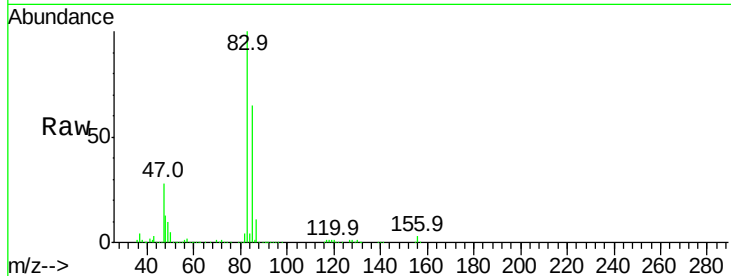


#29
Chloroform
Concen: 8.741 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10

Tot Ion:
Ion Ratio
83 100
85 65.

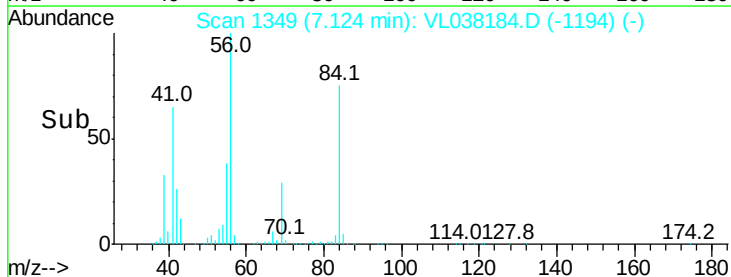
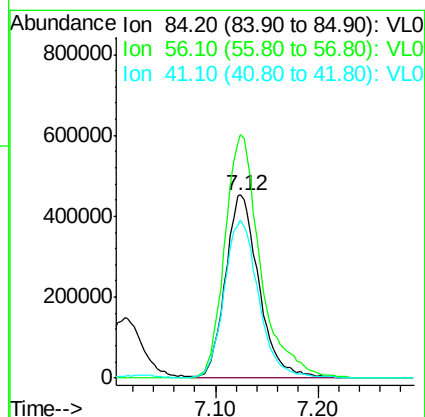
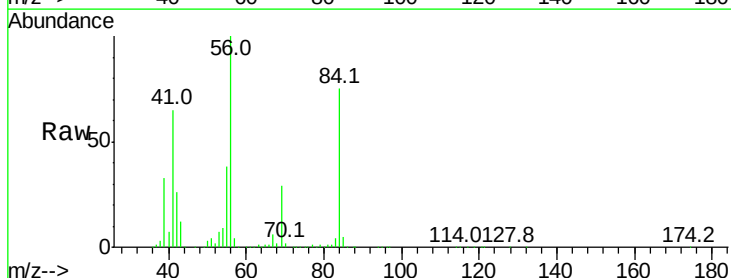
Manual Integrations
APPROVED

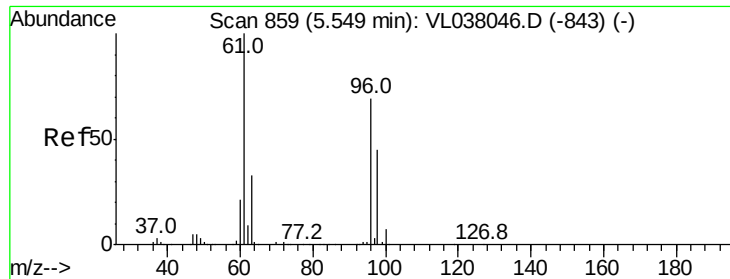
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#30
Cyclohexane
Concen: 7.523 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 84 Resp: 1016396
Ion Ratio Lower Upper
84 100
56 142.8 108.1 162.1
41 88.9 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 8.434 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

61 100

96 63.

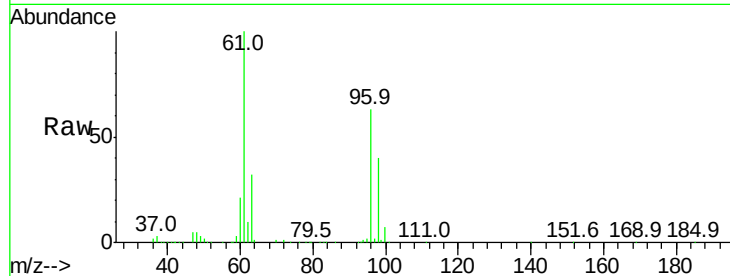
98 39.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

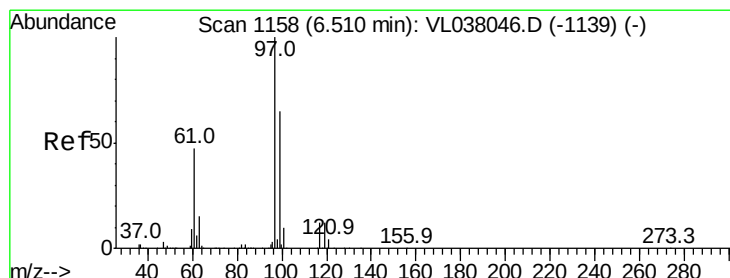
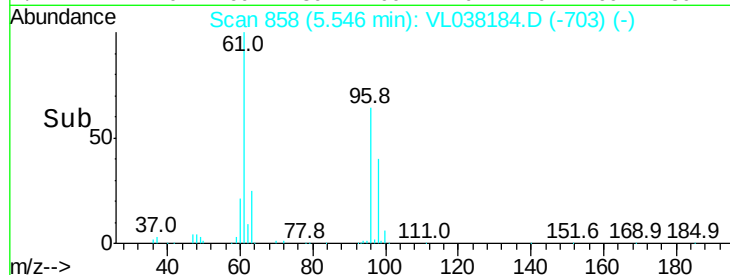
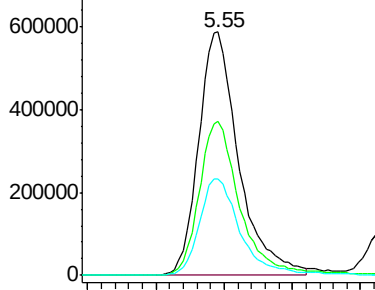
Supervised By :Mahesh Dadoda 12/20/2021



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 8.275 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

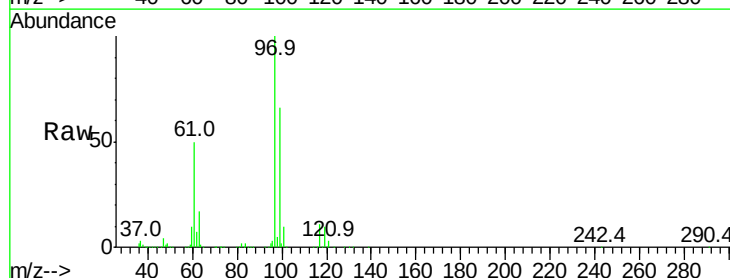
Tgt Ion: 97 Resp: 1842011

Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.4

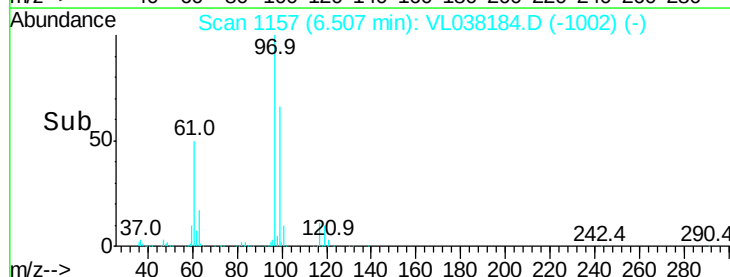
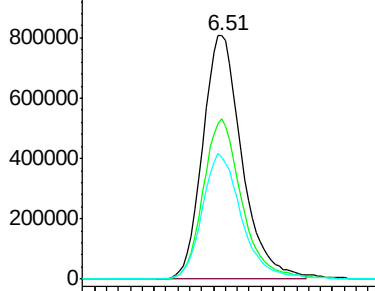
61 51.8 37.7 56.5

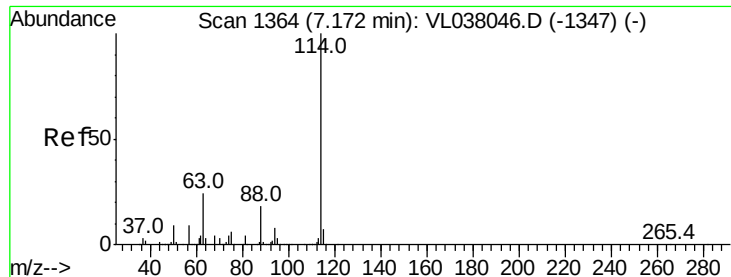


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



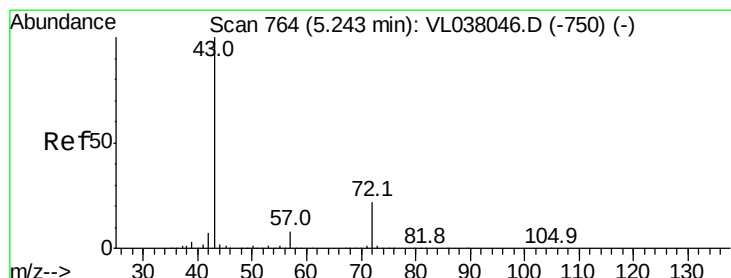
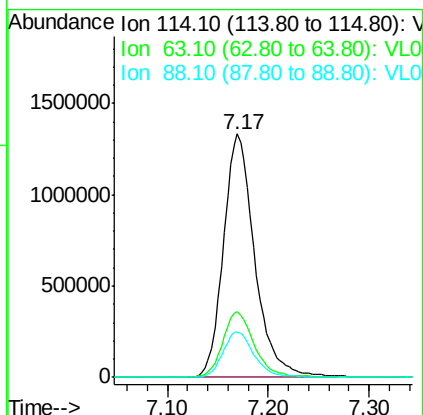
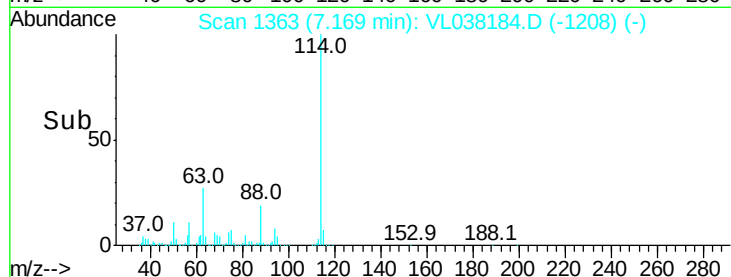
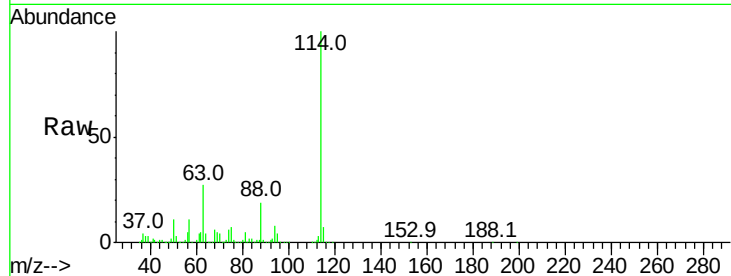


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Dec 2021 11:10

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 19.

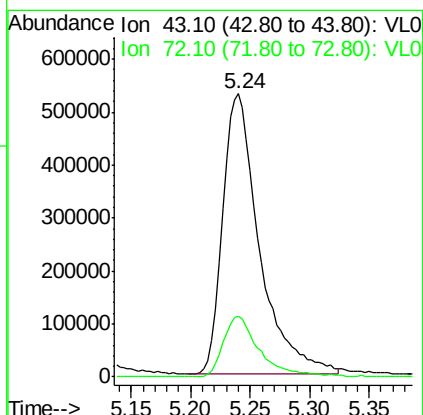
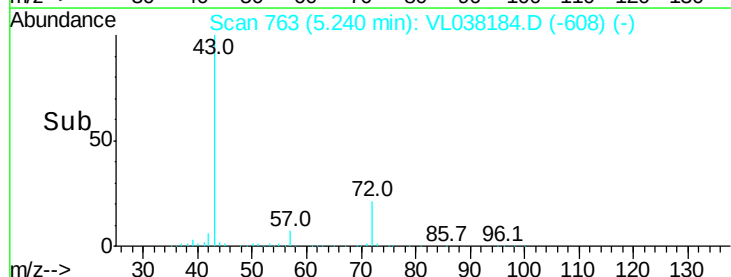
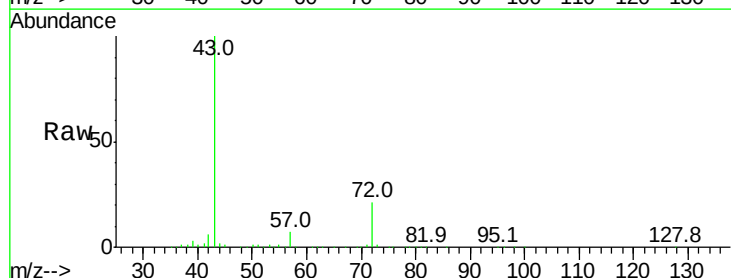
Manual Integrations
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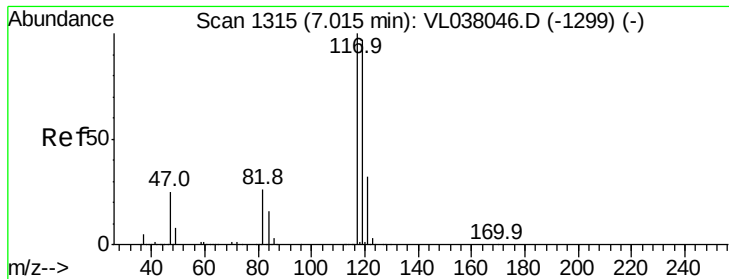
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#34
 2-Butanone
 Concen: 9.775 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion: 43 Resp: 1135114
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.8 28.2



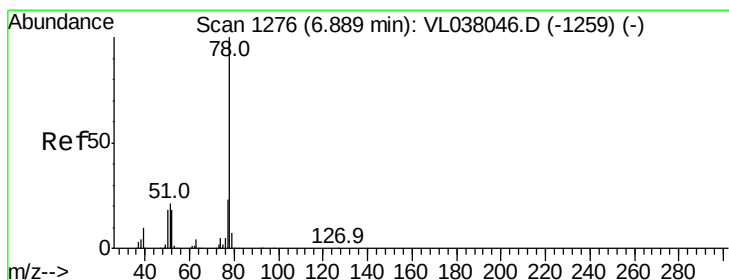
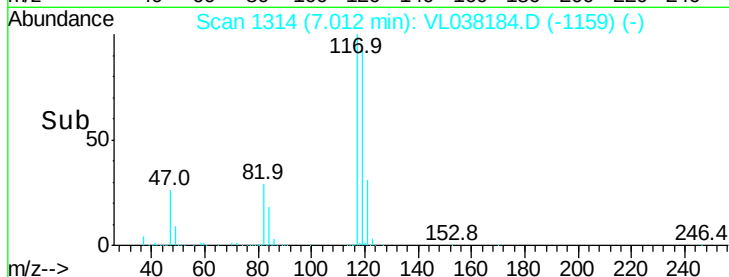
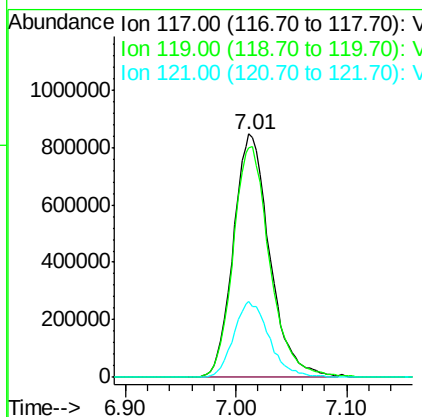
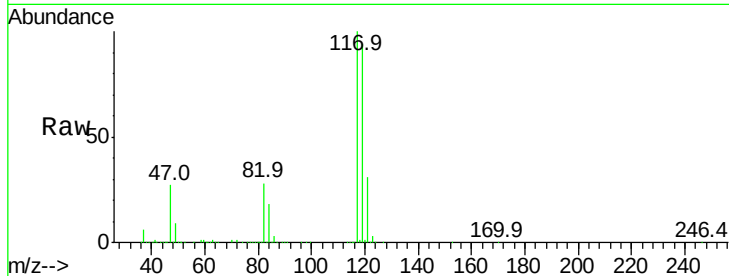


#35
Carbon Tetrachloride
Concen: 9.549 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10
VSTDCCC010

Tot Ion:1
Ion Rati
117 100
119 94.
121 31.

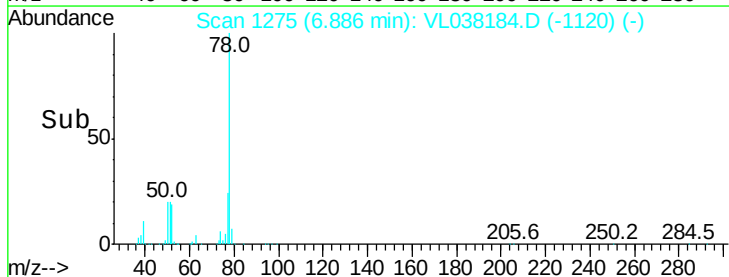
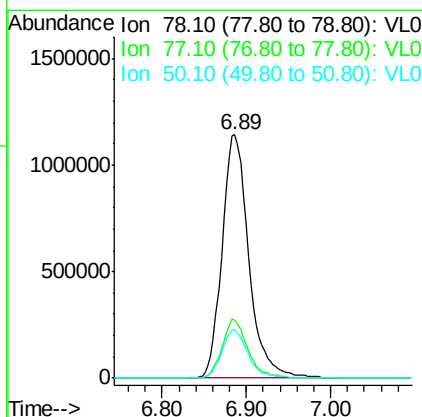
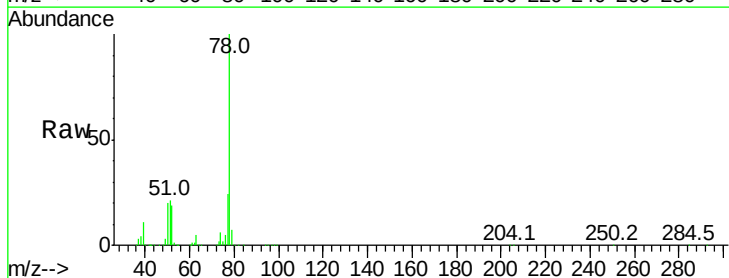
Manual Integrations
APPROVED

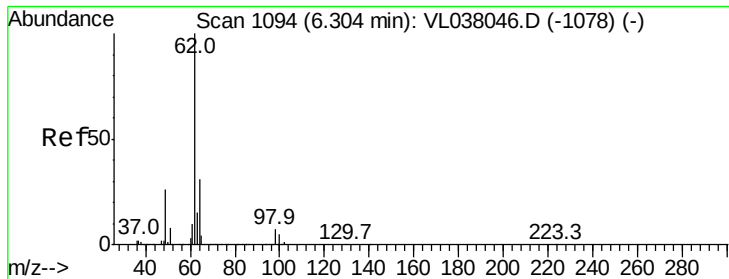
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#36
Benzene
Concen: 8.755 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 78 Resp: 2515336
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.4
50 20.3 14.7 22.1



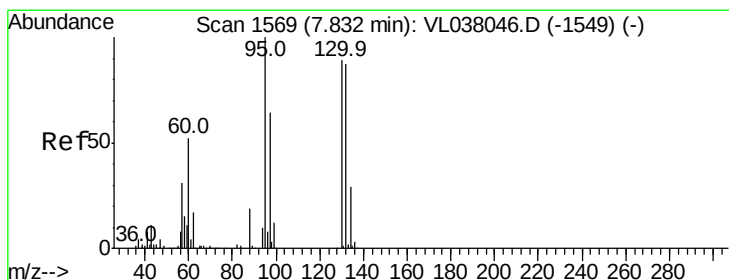
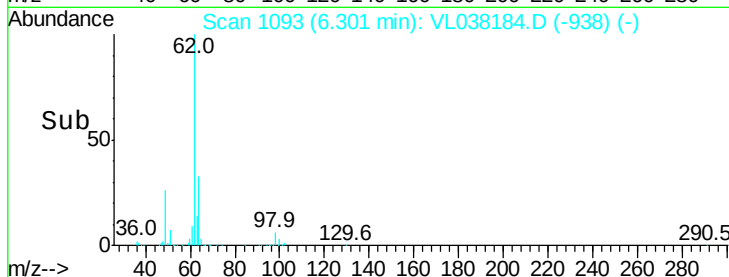
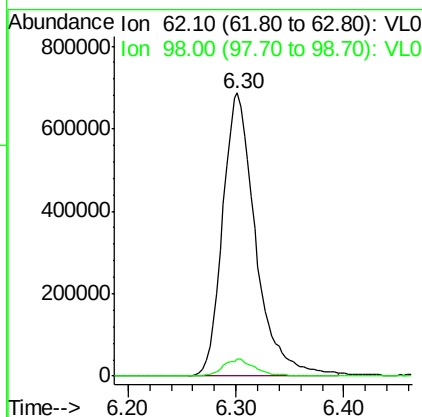
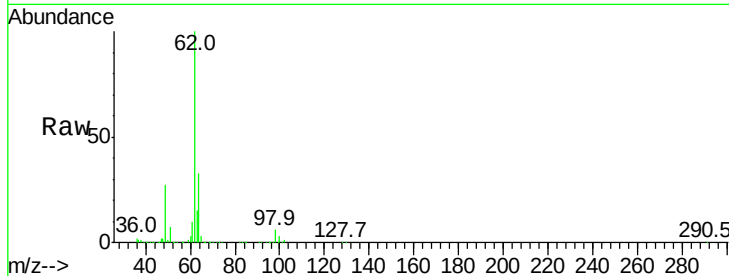


#37
 1,2-Dichloroethane
 Concen: 10.539 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:
 Ion Ratio
 62 100
 98 5.

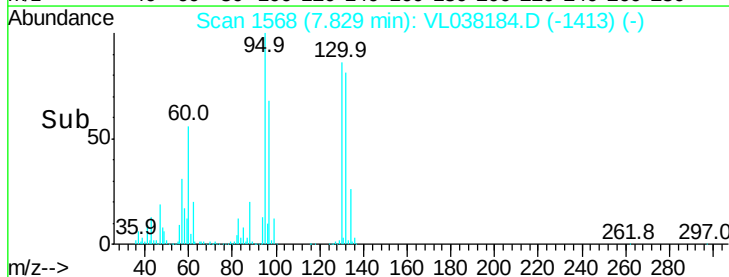
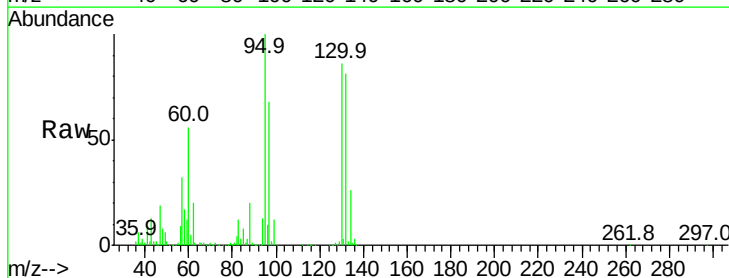
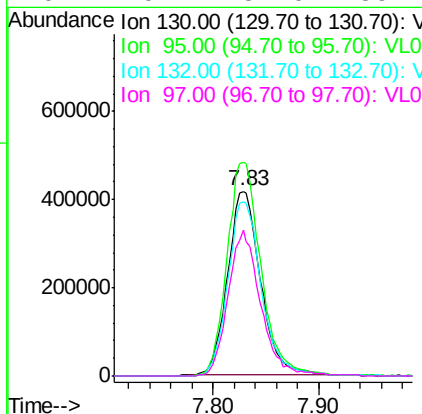
Manual Integrations
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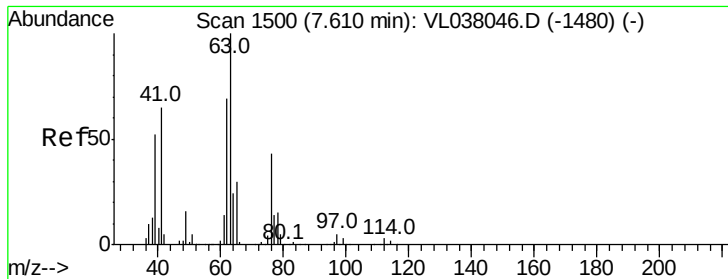
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#38
 Trichloroethene
 Concen: 8.351 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion:130 Resp: 905000
 Ion Ratio Lower Upper
 130 100
 95 116.2 89.4 134.2
 132 94.7 78.2 117.2
 97 79.2 57.0 85.4



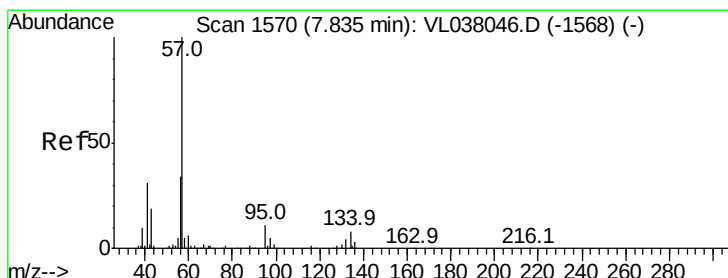
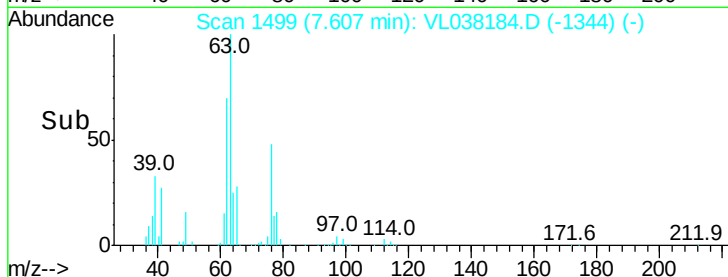
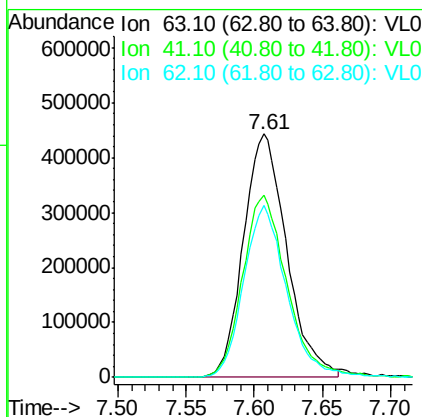
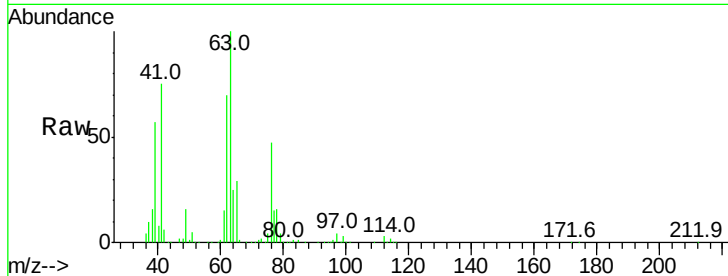


#39
 1,2-Dichloropropane
 Concen: 8.861 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:
 Ion Ratio
 63 100
 41 74.
 62 70.

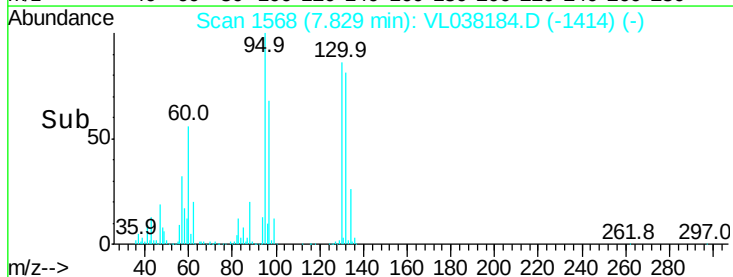
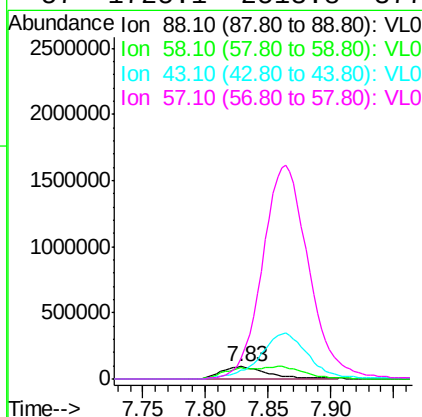
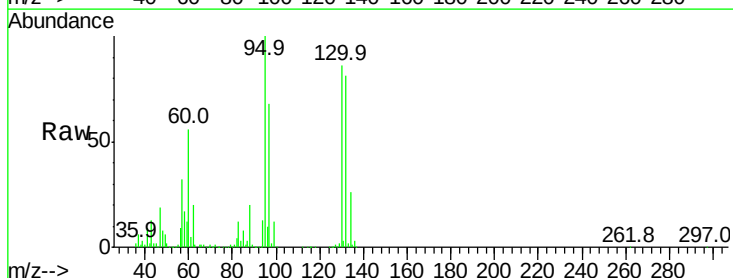
Manual Integrations
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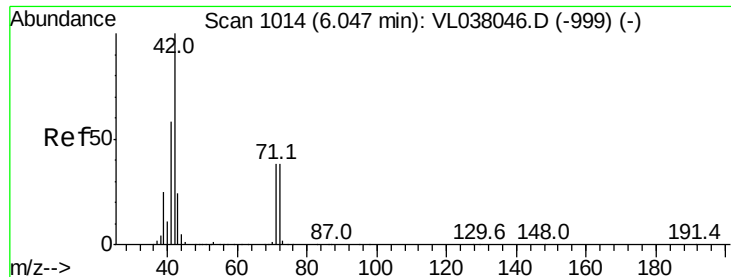
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#40
 1,4-Dioxane
 Concen: 8.429 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion: 88 Resp: 242001
 Ion Ratio Lower Upper
 88 100
 58 160.1 229.2 343.8#
 43 393.5 553.3 829.9#
 57 1725.1 2513.8 3770.8#





#41

Tetrahydrofuran

Concen: 8.928 ppbv

RT: 6.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

42 100

72 36.

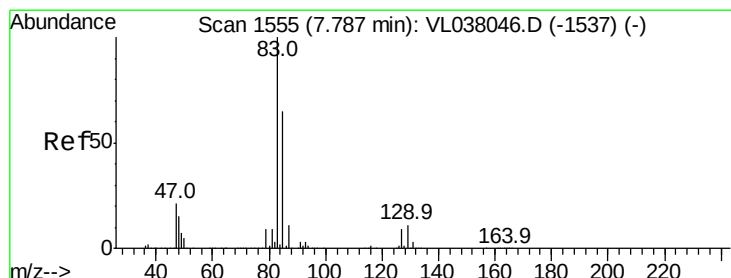
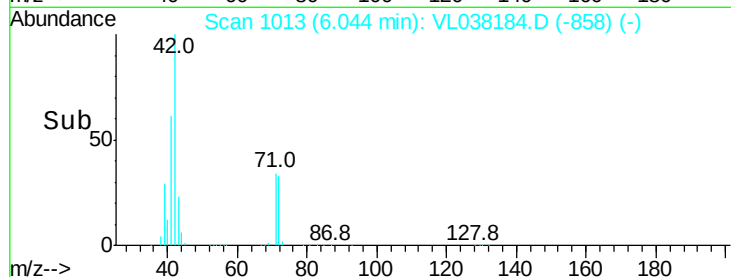
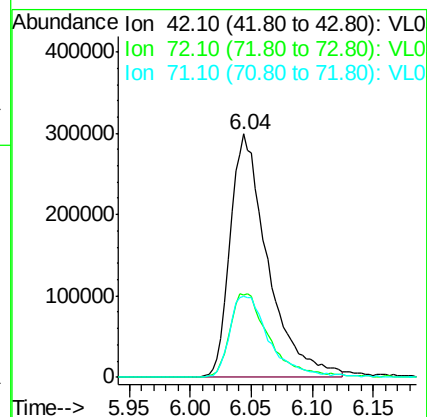
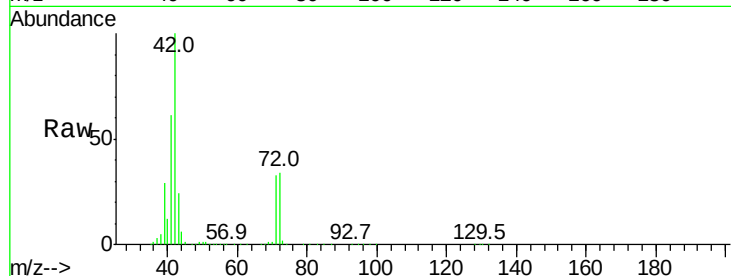
71 36.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#42

Bromodichloromethane

Concen: 10.020 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

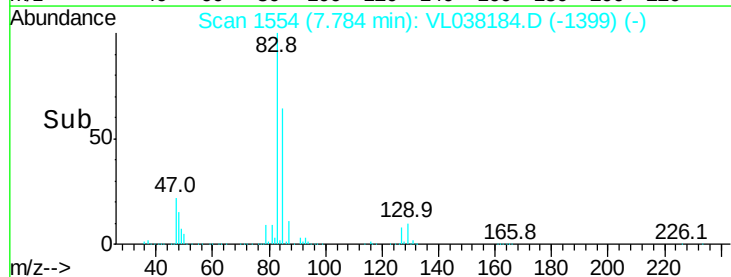
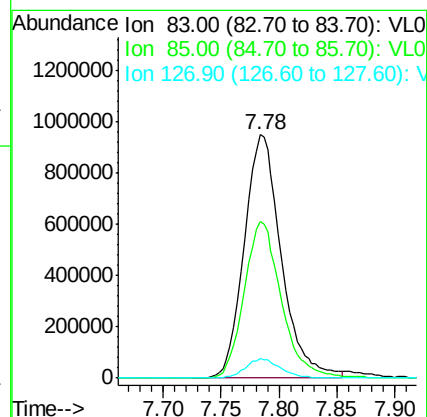
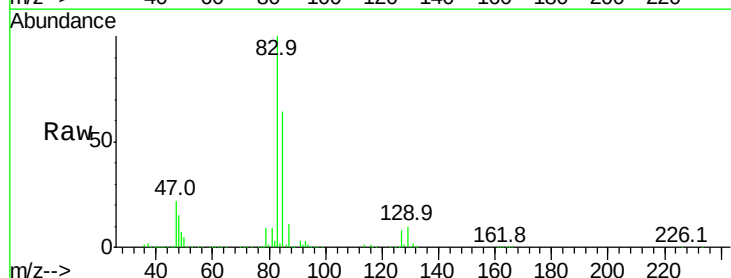
Tgt Ion: 83 Resp: 2113579

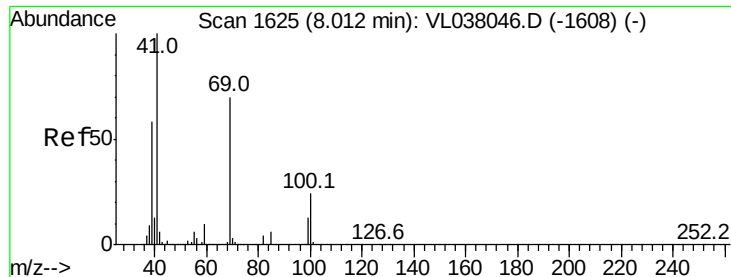
Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 7.8 6.8 10.2



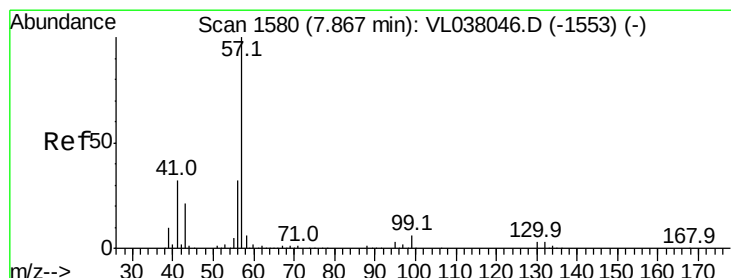
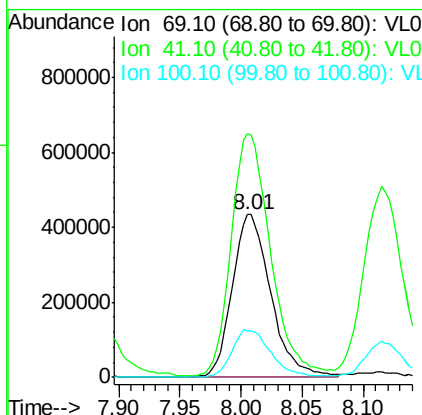
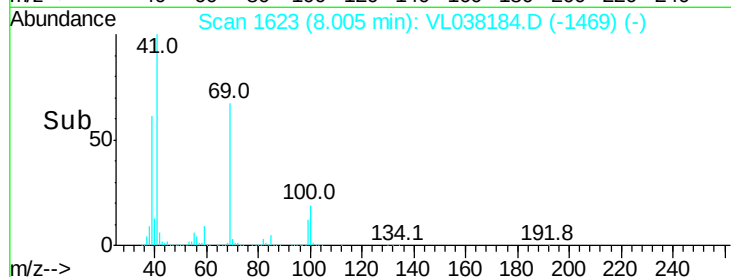
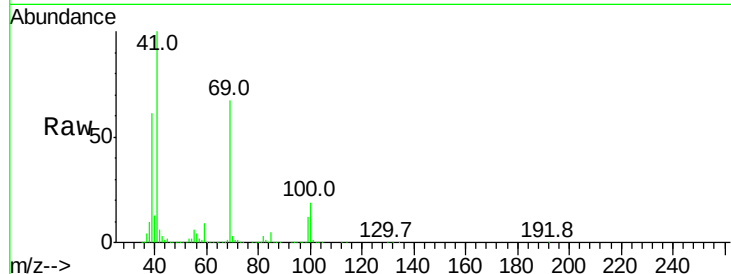


#43
Methyl Methacrylate
Concen: 9.645 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Dec 2021 11:10
VSTDCCC010

Tot Ion:
Ion Ratio
69 100
41 155.
100 29.

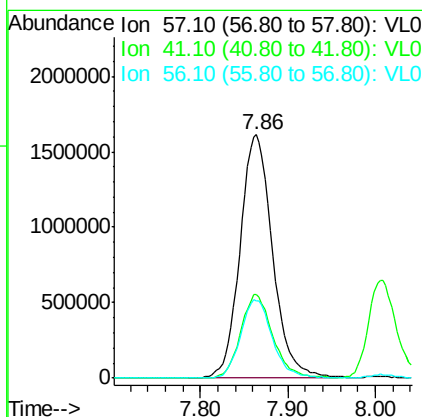
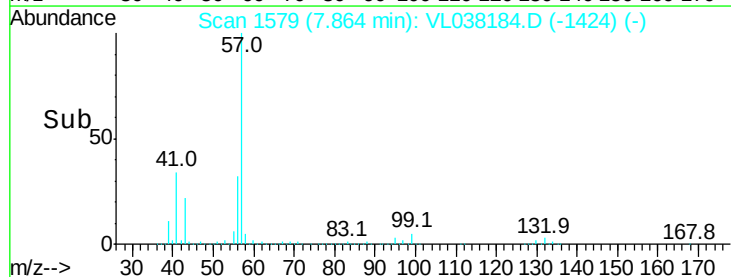
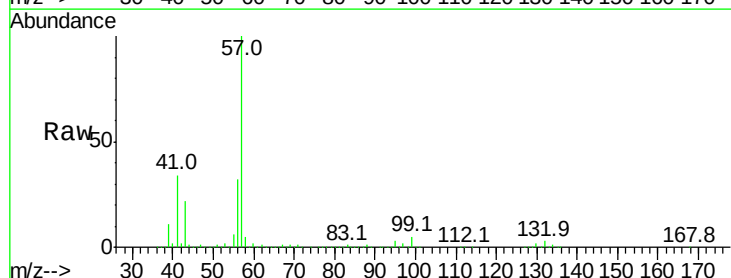
Manual Integrations
APPROVED

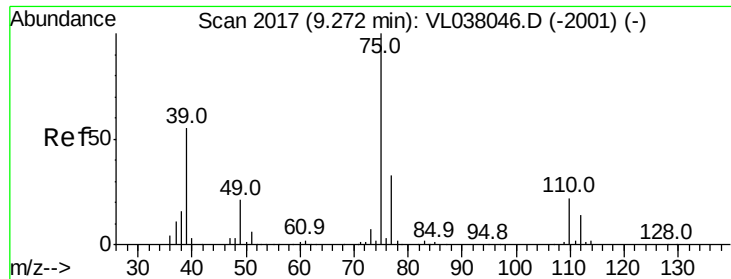
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#44
2,2,4-Trimethylpentane
Concen: 8.669 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 57 Resp: 4166572
Ion Ratio Lower Upper
57 100
41 34.0 25.8 38.6
56 31.6 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 10.853 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

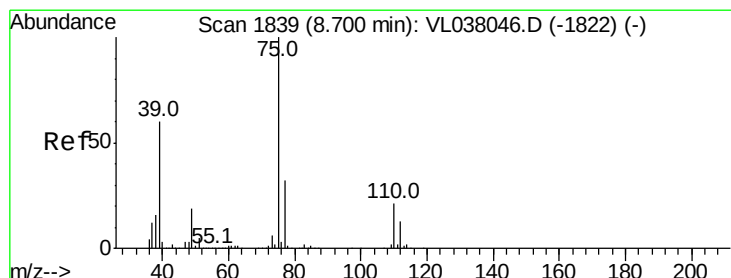
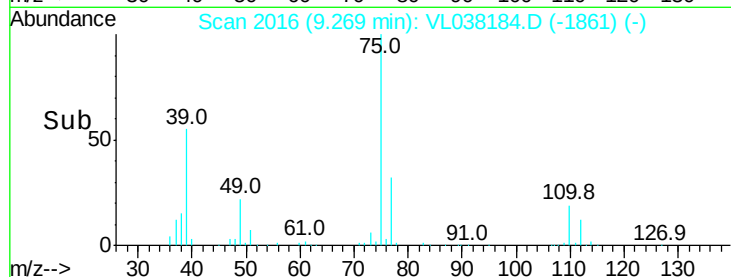
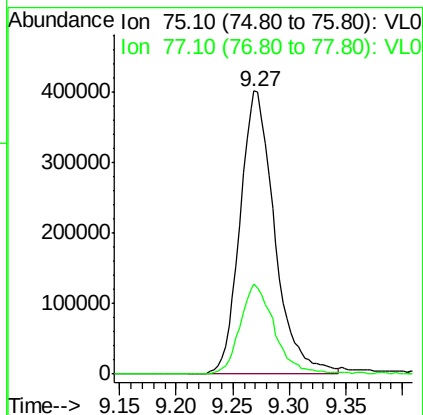
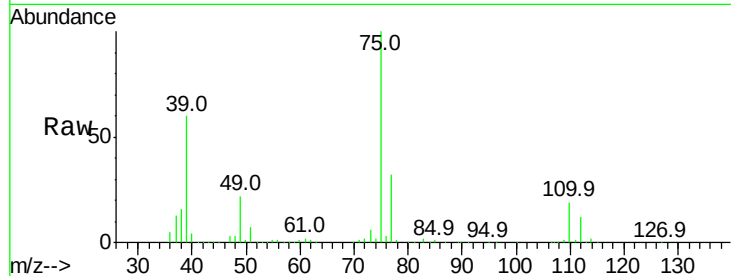
77 32.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#46

cis-1,3-Dichloropropene

Concen: 10.110 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

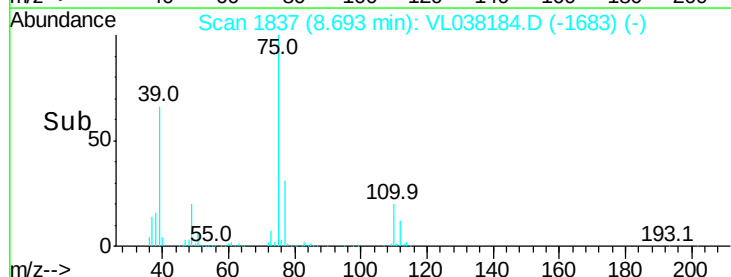
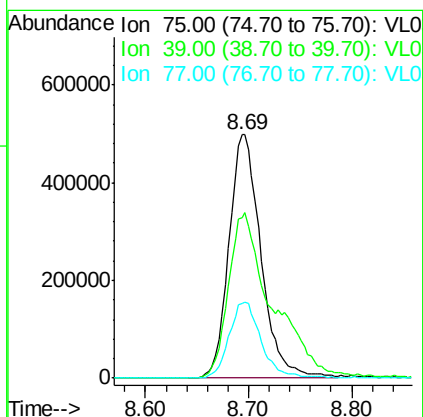
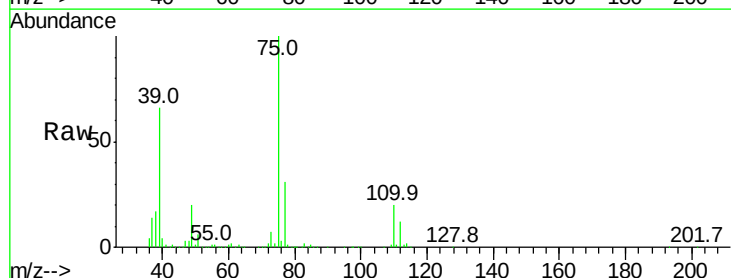
Tgt Ion: 75 Resp: 1078027

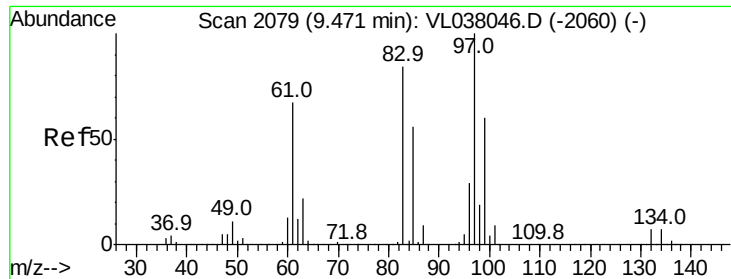
Ion Ratio Lower Upper

75 100

39 66.0 47.8 71.8

77 30.8 25.5 38.3



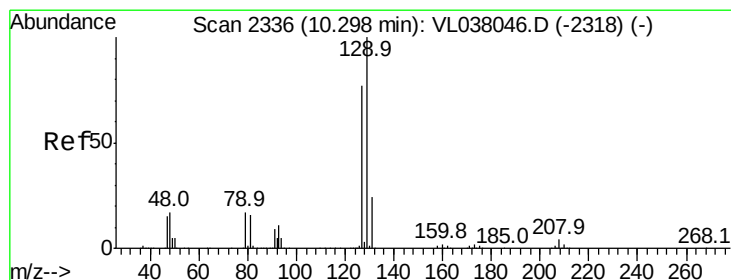
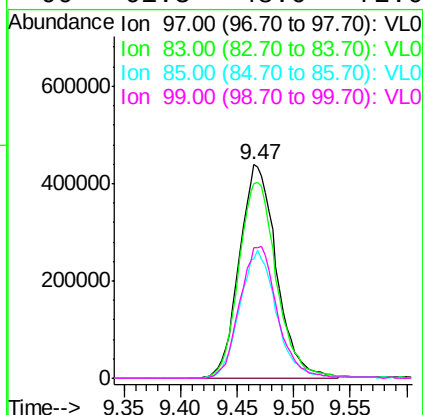
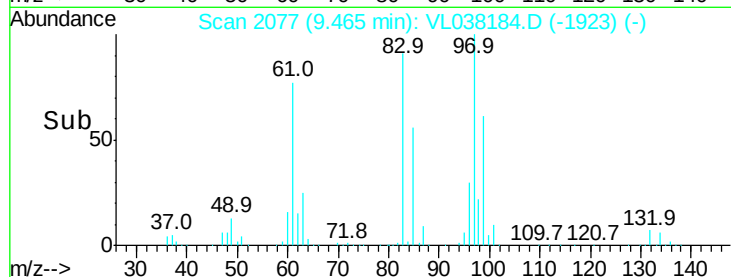
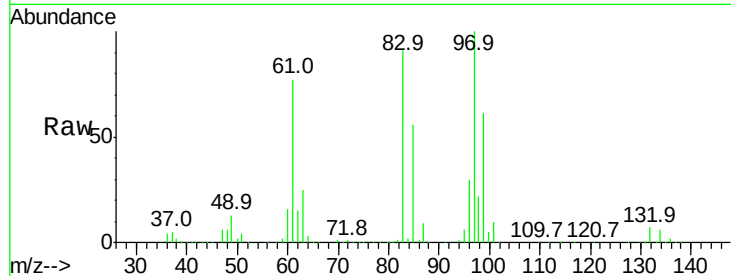


#47
 1,1,2-Trichloroethane
 Concen: 8.711 ppbv
 RT: 9.47
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:
 Ion Ratio
 97 100
 83 91.
 85 55.
 99 61.3 48.0 72.0

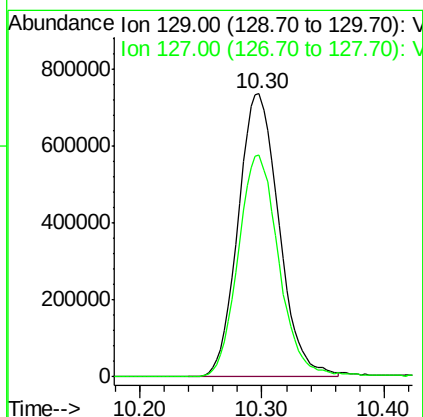
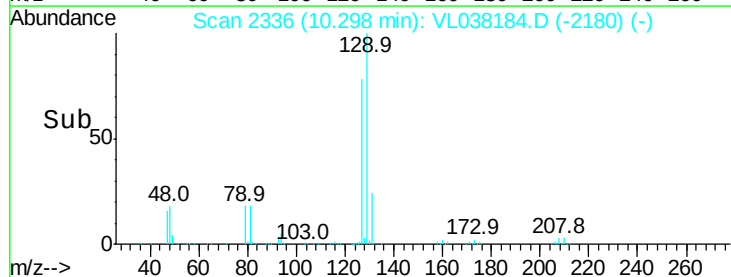
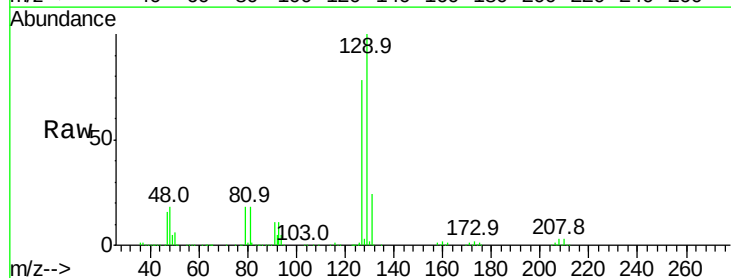
Manual Integrations
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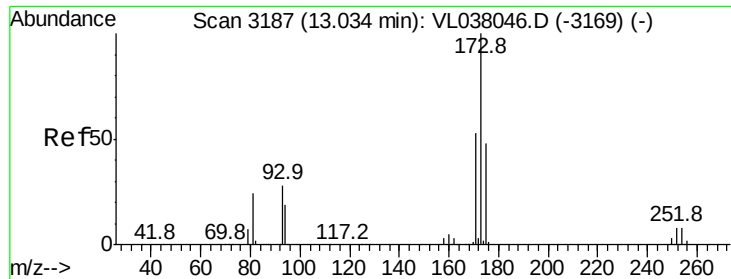
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#48
 Dibromochloromethane
 Concen: 9.714 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: 0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion:129 Resp: 1707442
 Ion Ratio Lower Upper
 129 100
 127 79.3 39.4 118.1





#49

Bromoform

Concen: 10.252 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10

Tot Ion:1

Ion Ratio

173 100

175 52.

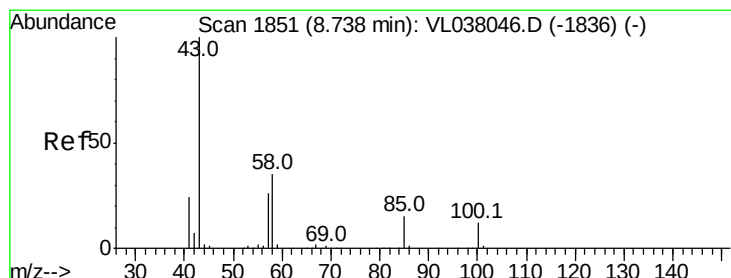
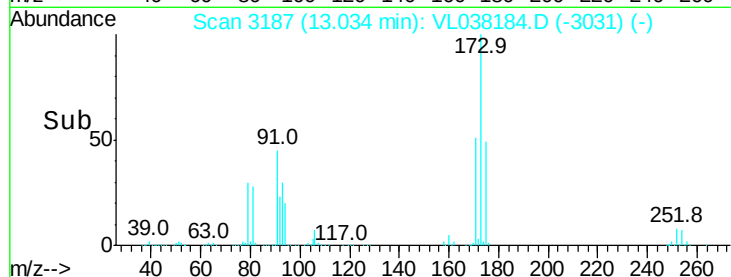
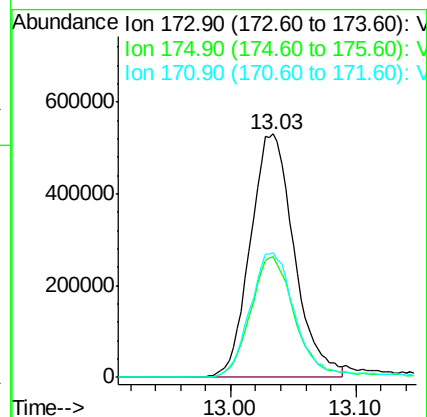
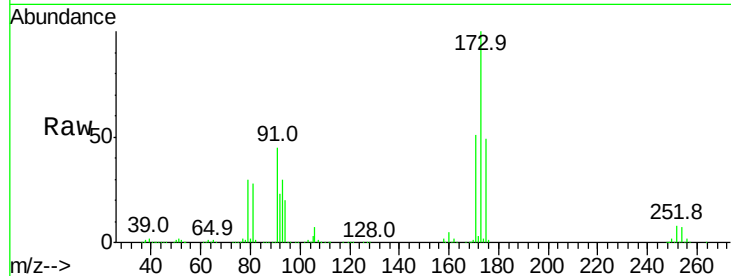
171 55.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#50

4-Methyl-2-Pentanone

Concen: 10.209 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.00 min

Lab File: VL038184.D

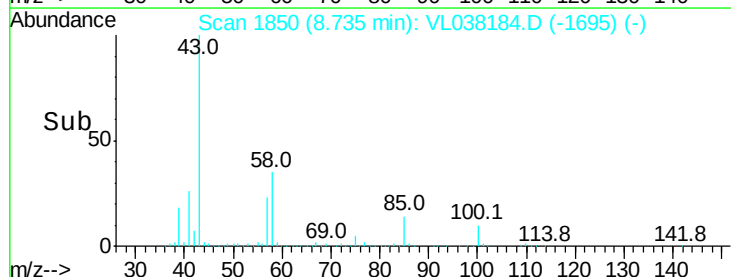
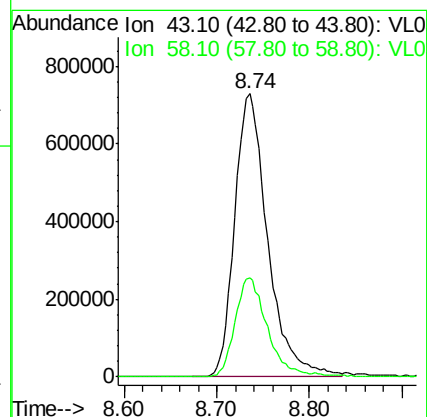
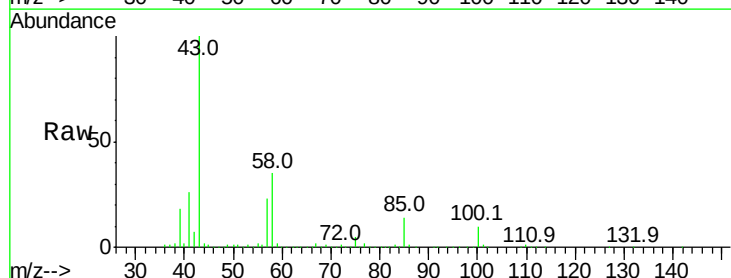
Acq: 16 Dec 2021 11:10

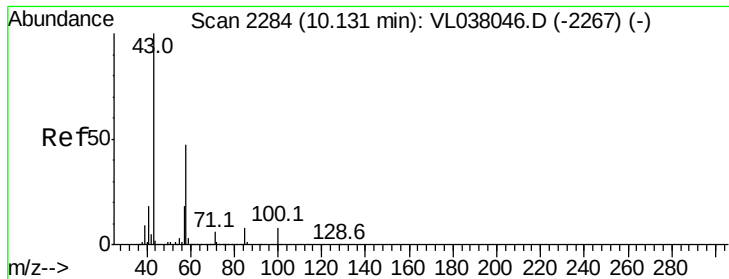
Tgt Ion: 43 Resp: 1800545

Ion Ratio Lower Upper

43 100

58 34.6 29.4 44.2





#51

2-Hexanone

Concen: 10.742 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

43 100

58 47.

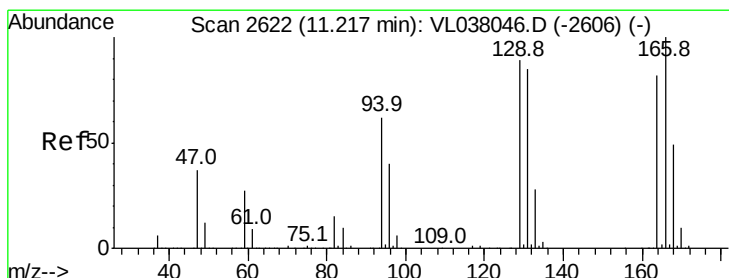
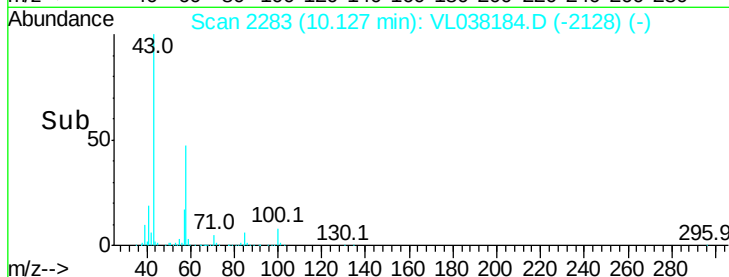
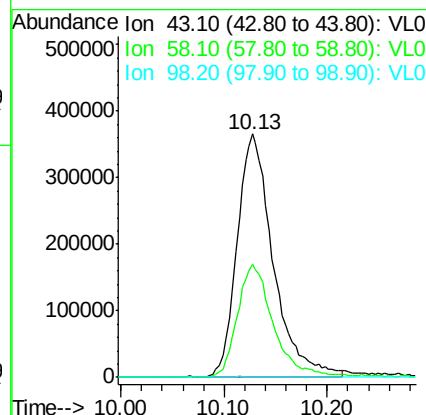
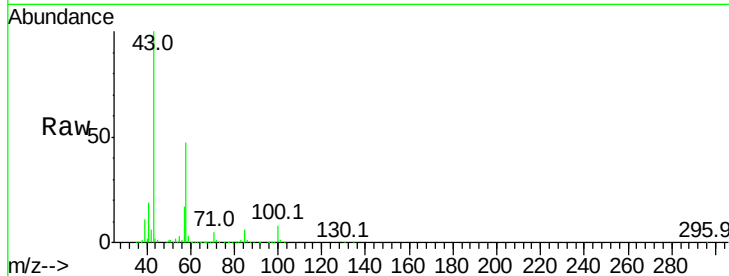
98 0.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#52

Tetrachloroethene

Concen: 7.759 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. 0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion:164 Resp: 824771

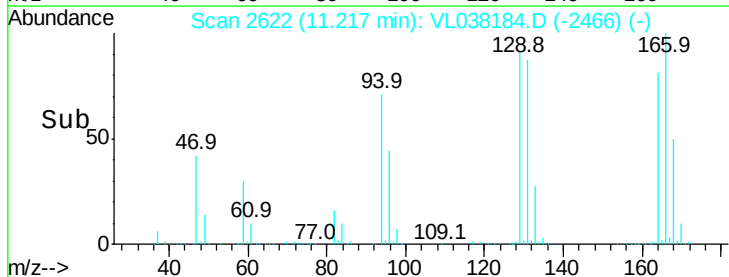
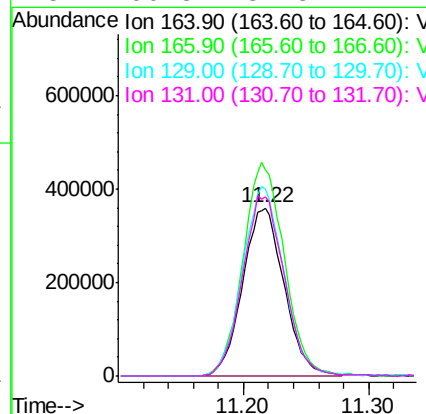
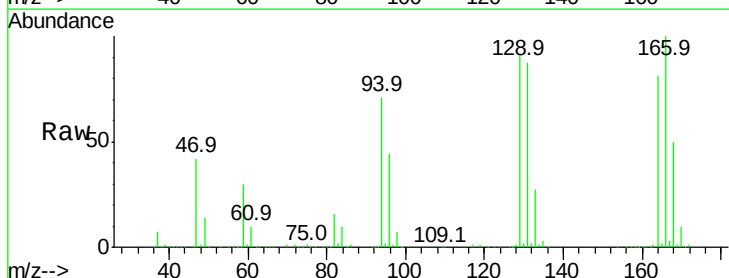
Ion Ratio Lower Upper

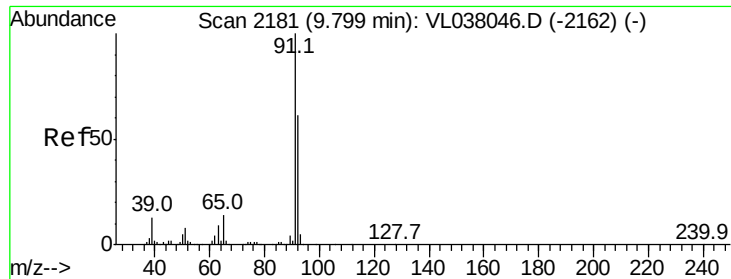
164 100

166 122.6 97.2 145.8

129 111.4 86.9 130.3

131 106.3 82.8 124.2





#53

Toluene

Concen: 8.587 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:

Ion Ratio

91 100

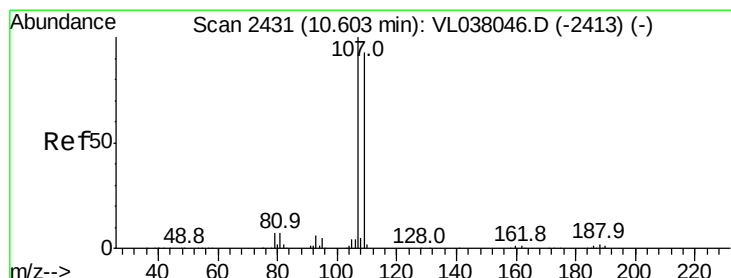
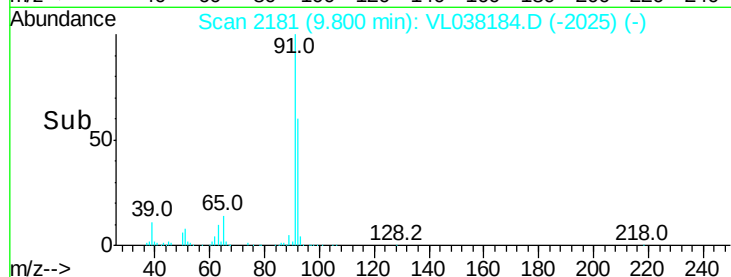
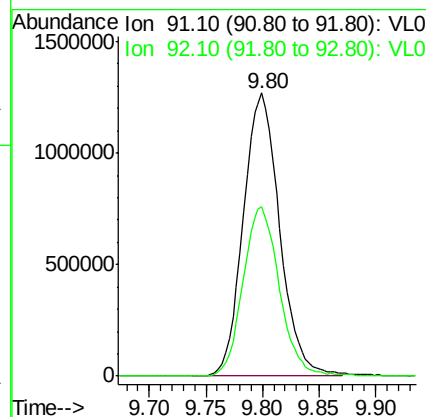
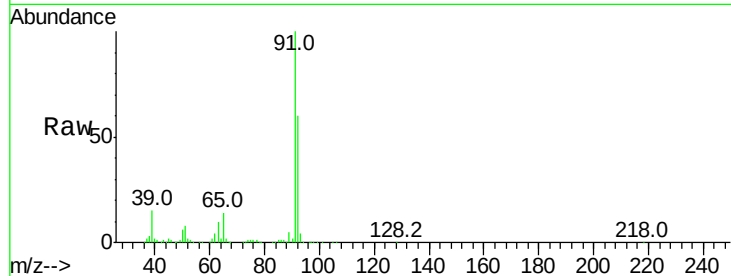
92 60.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#54

1,2-Dibromoethane

Concen: 9.079 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038184.D

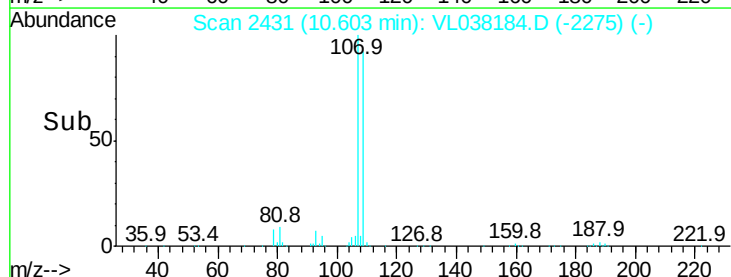
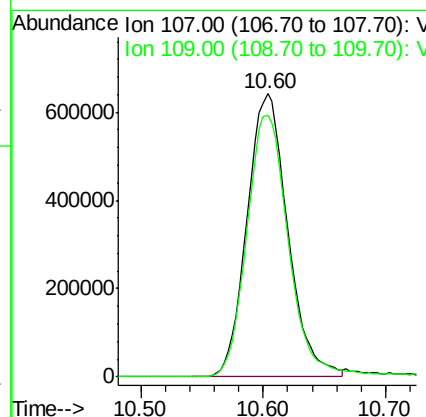
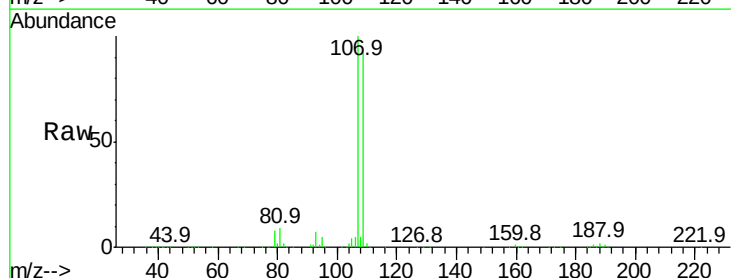
Acq: 16 Dec 2021 11:10

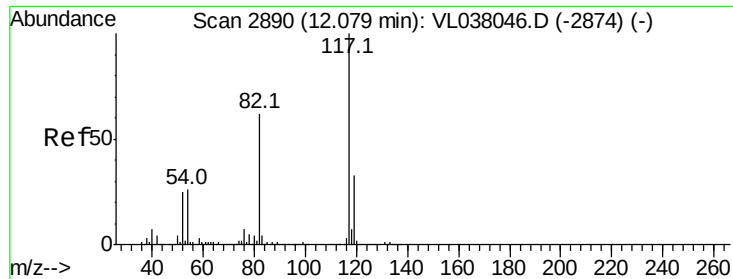
Tgt Ion:107 Resp: 1480149

Ion Ratio Lower Upper

107 100

109 92.5 74.6 111.8



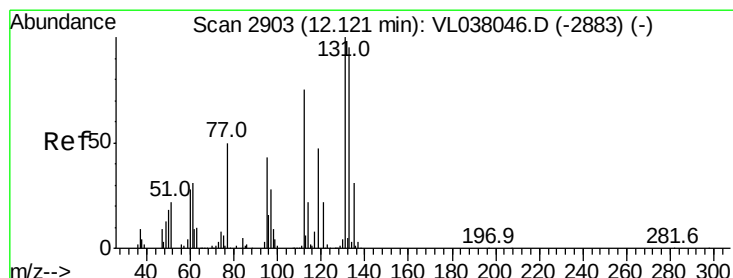
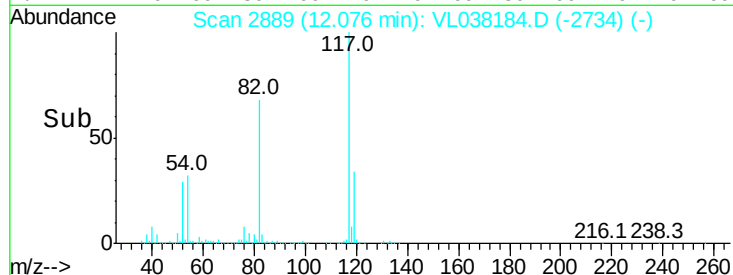
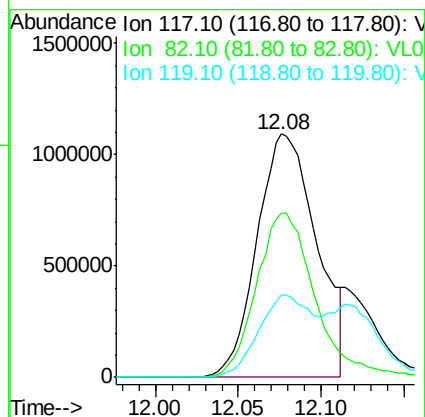
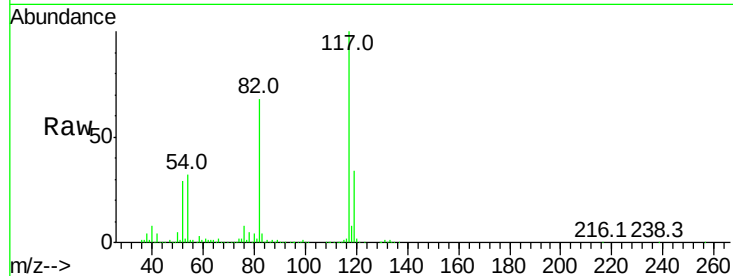


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 16 Dec 2021 11:10

Tot Ion:1
Ion Rati
117 100
82 68.
119 28.

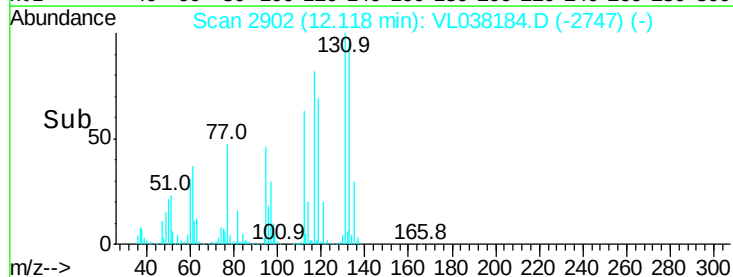
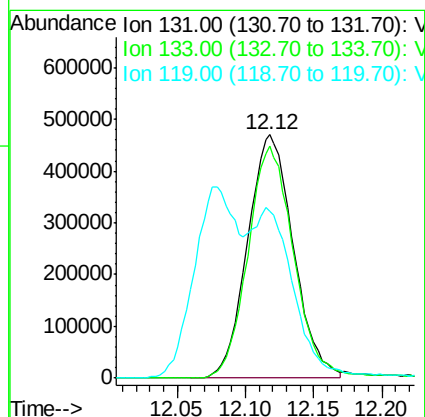
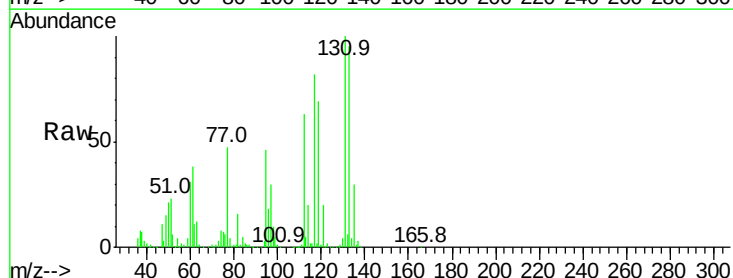
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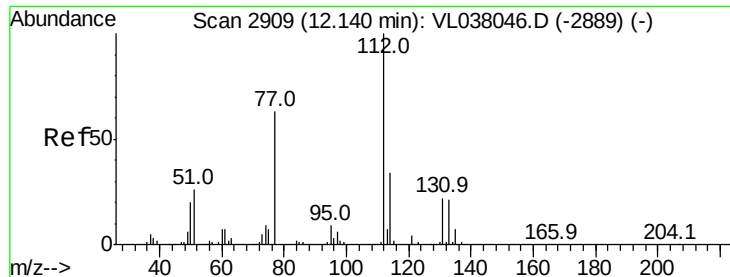
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.860 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion:131 Resp: 1096929
Ion Ratio Lower Upper
131 100
133 97.2 78.8 118.2
119 64.3 56.3 84.5



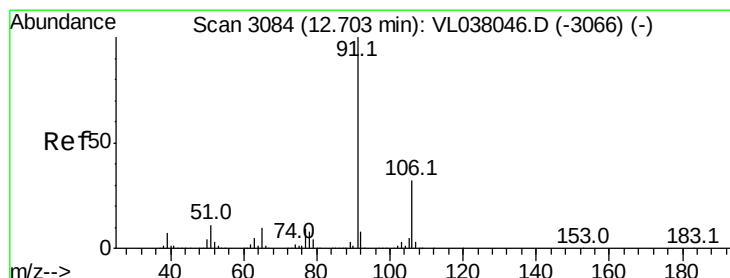
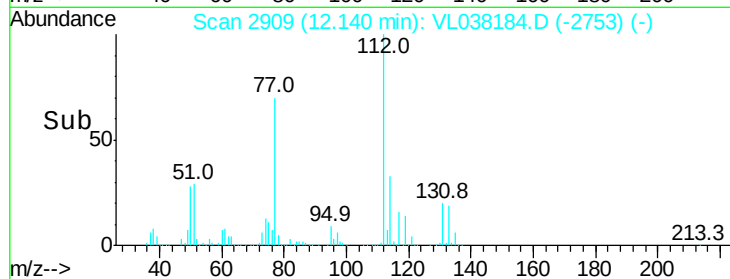
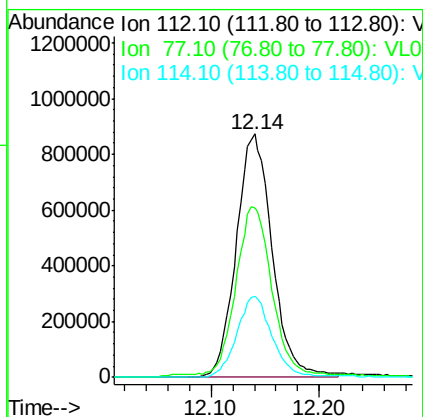
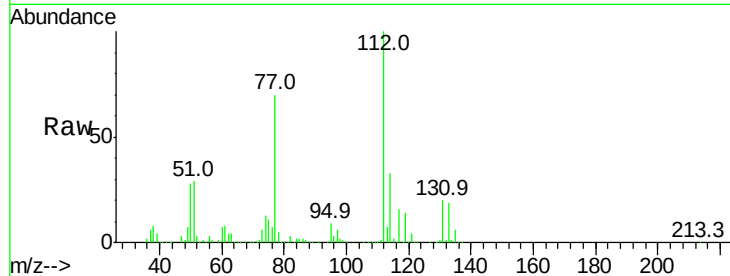


#57
Chlorobenzene
Concen: 8.295 ppbv
RT: 12.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 16 Dec 2021 11:10

Tot Ion: 1
Ion Ratio
112 100
77 68.
114 33.

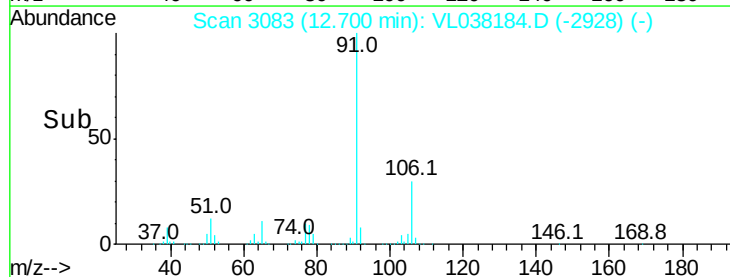
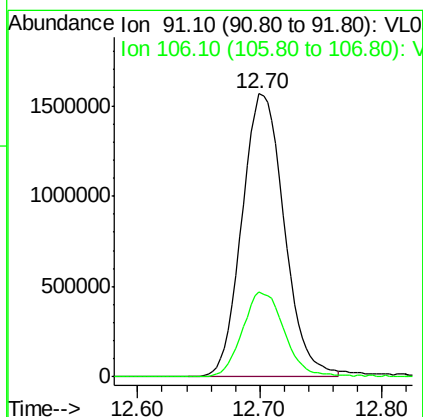
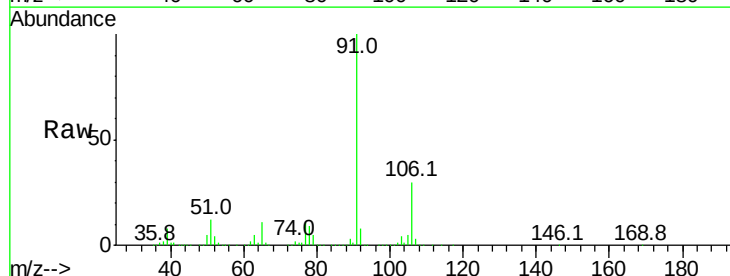
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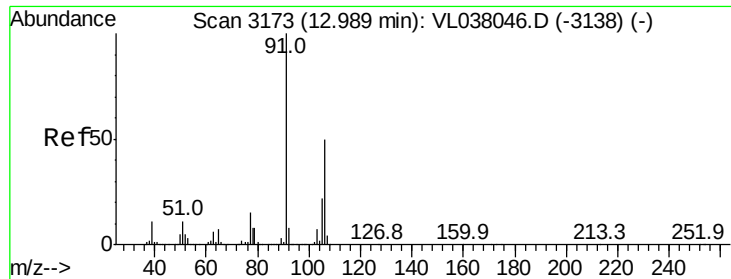
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#58
Ethyl Benzene
Concen: 8.331 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 91 Resp: 3755243
Ion Ratio Lower Upper
91 100
106 29.9 25.8 38.6



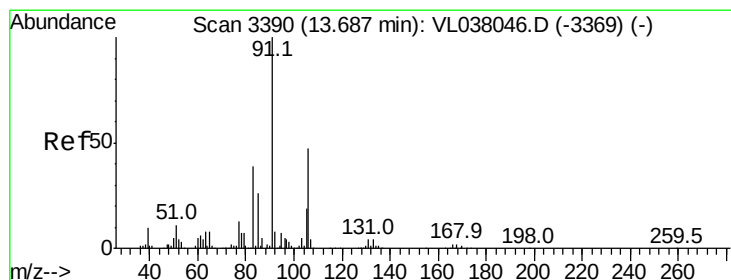
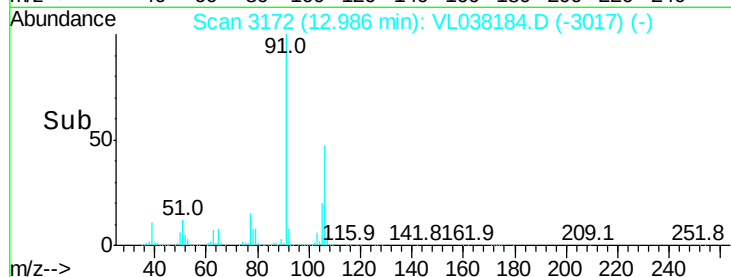
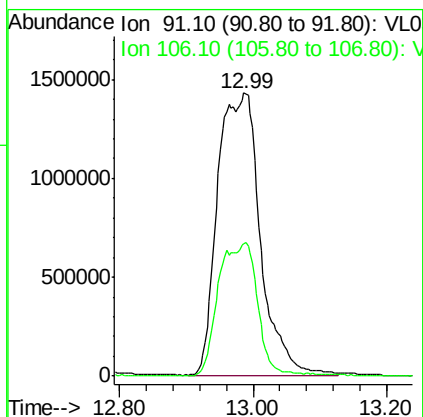
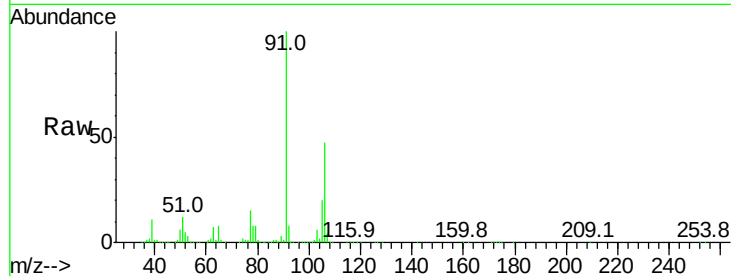


#59
m/p-Xylene
Concen: 16.866 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10

Tot Ion:
Ion Ratio
91 100
106 43.

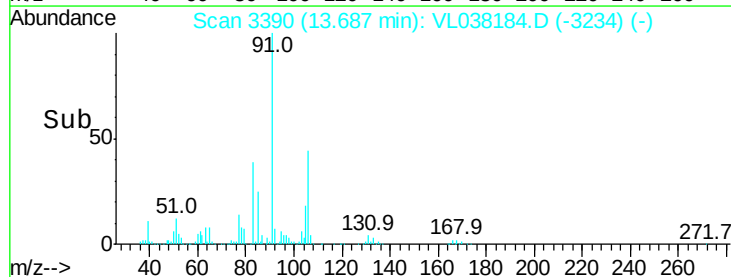
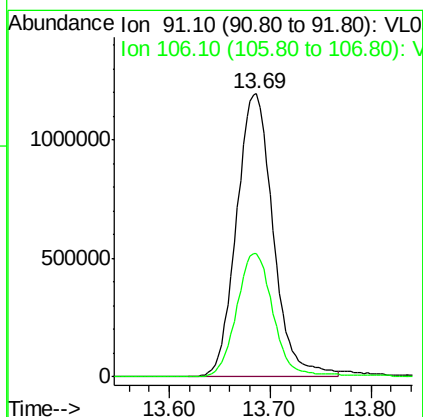
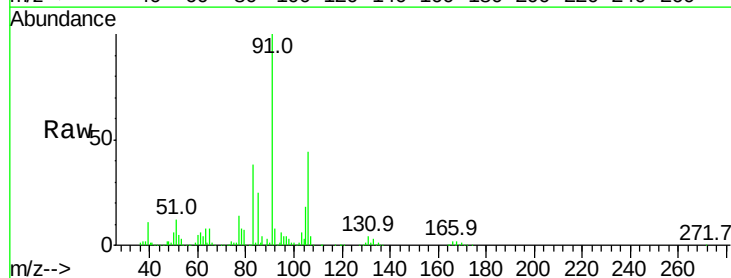
Manual Integrations
APPROVED

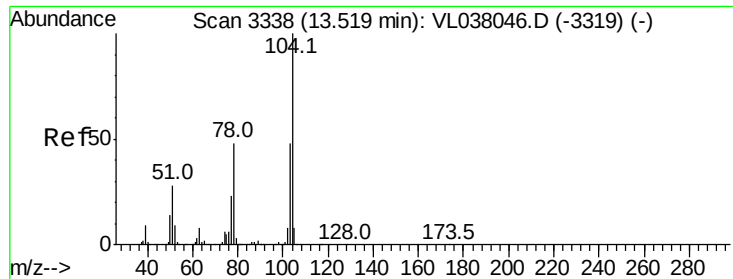
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#60
o-Xylene
Concen: 8.531 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion: 91 Resp: 3002691
Ion Ratio Lower Upper
91 100
106 44.5 24.2 72.6



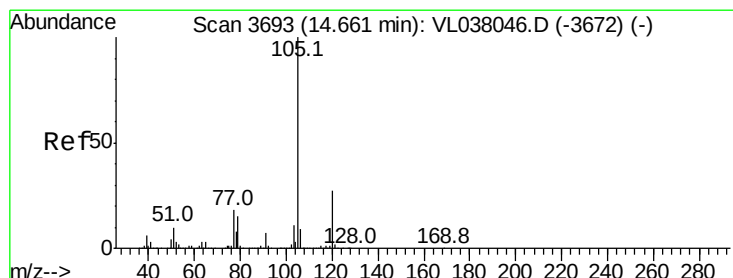
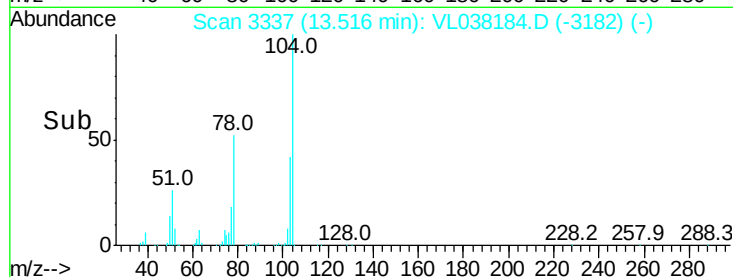
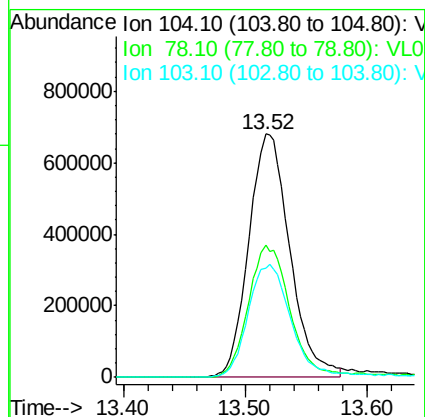
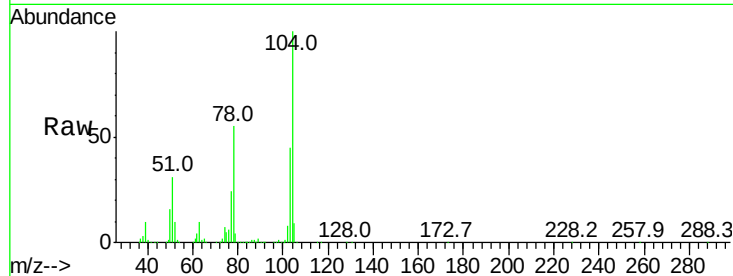


#61
Stvrene
Concen: 8.387 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:1
Ion Rati
104 100
78 56.
103 49.

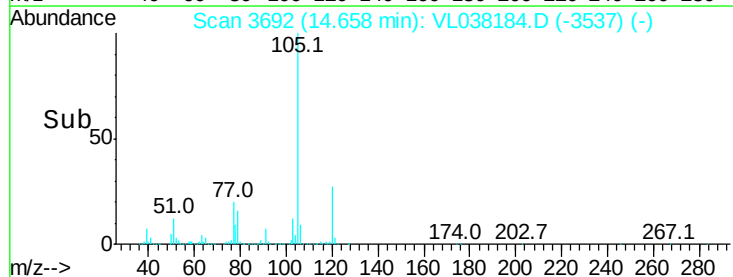
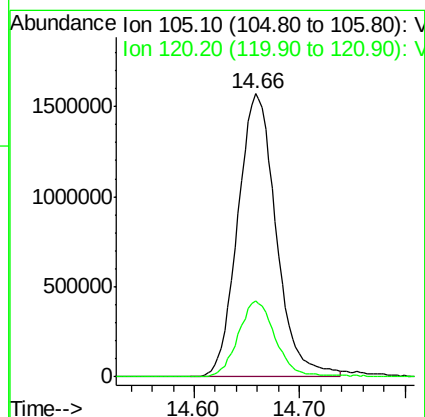
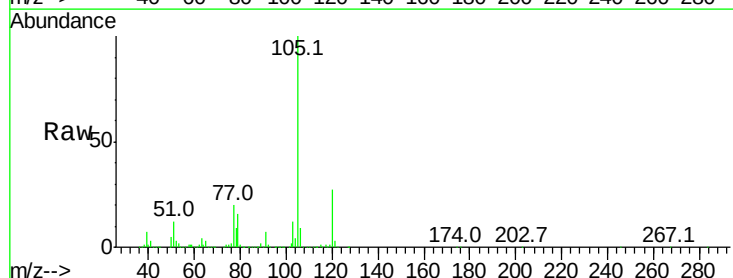
Manual Integrations
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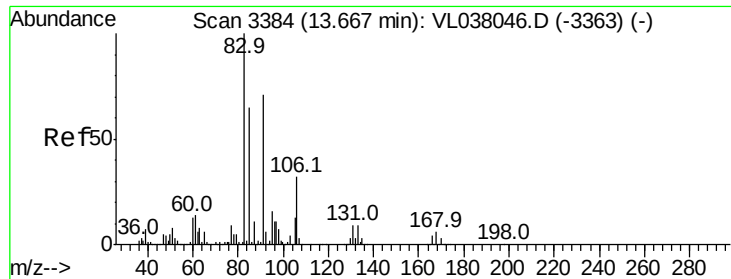
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#62
Isopropylbenzene
Concen: 7.956 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion:105 Resp: 3975069
Ion Ratio Lower Upper
105 100
120 26.4 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 8.354 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

83 100

131 9.

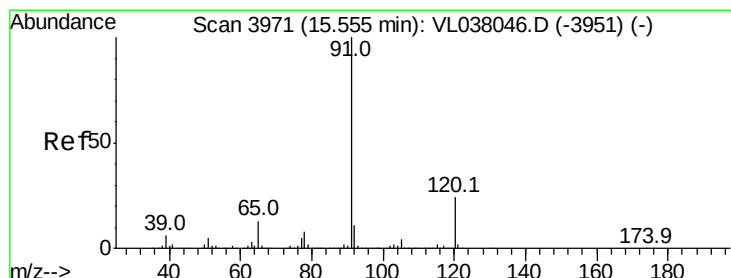
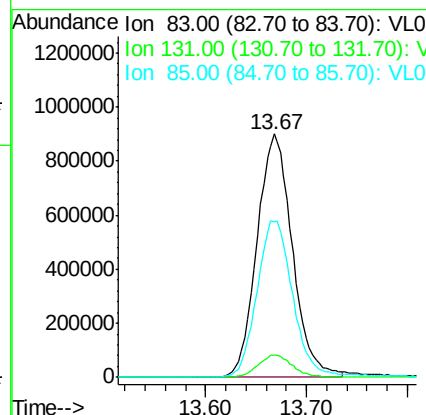
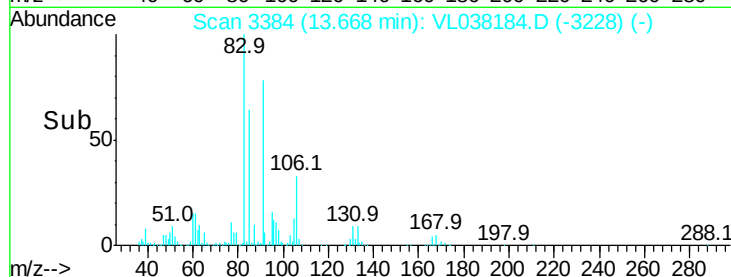
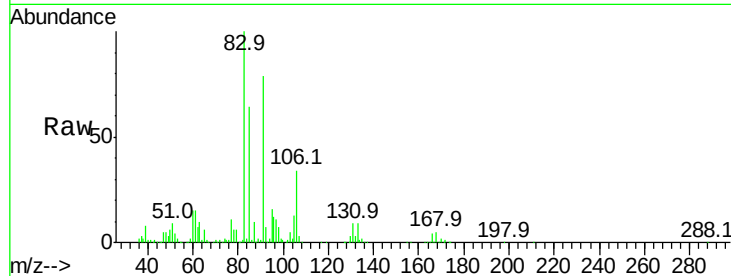
85 66.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#64

n-propylbenzene

Concen: 8.220 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VL038184.D

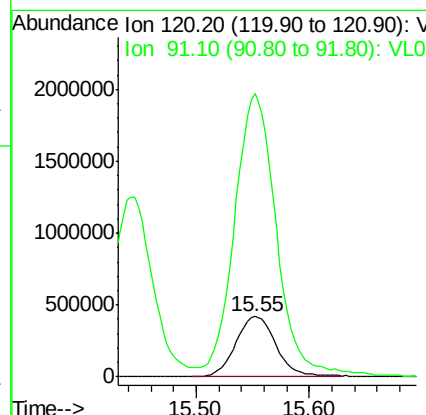
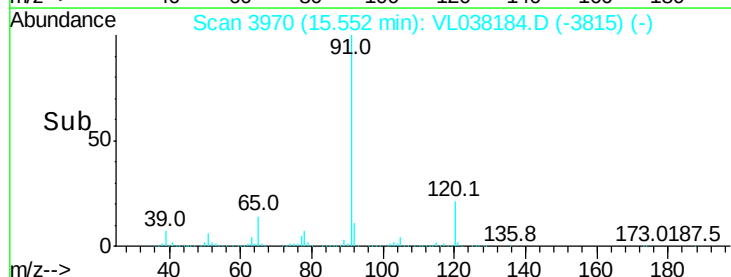
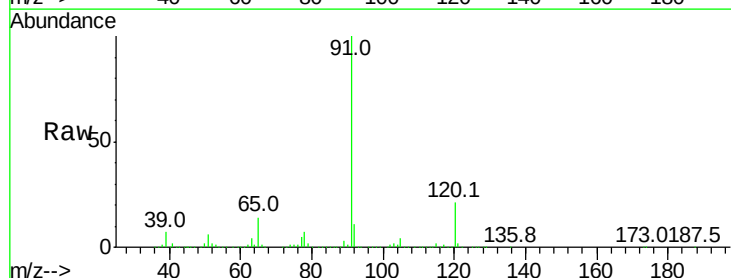
Acq: 16 Dec 2021 11:10

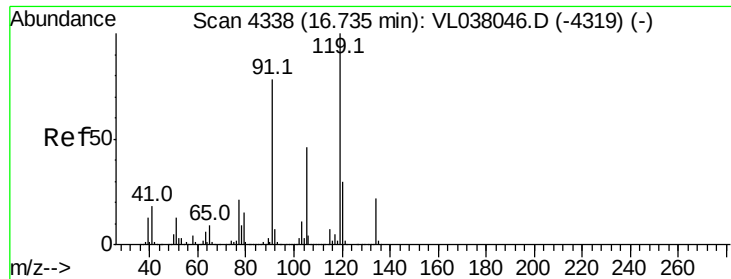
Tgt Ion:120 Resp: 1046293

Ion Ratio Lower Upper

120 100

91 490.1 371.7 557.5





#65

tert-Butylbenzene

Concen: 7.954 ppbv

RT: 16.73

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:1

Ion Rati

119 100

91 83.

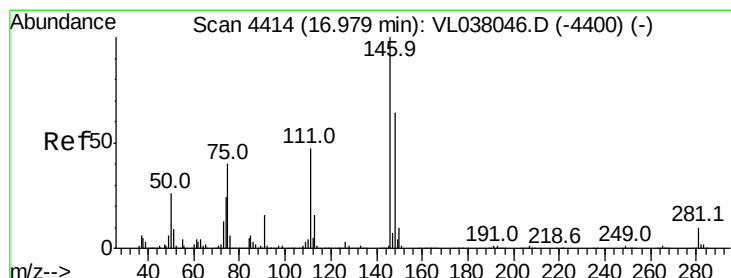
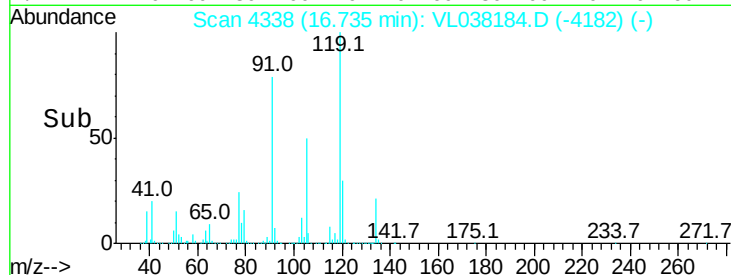
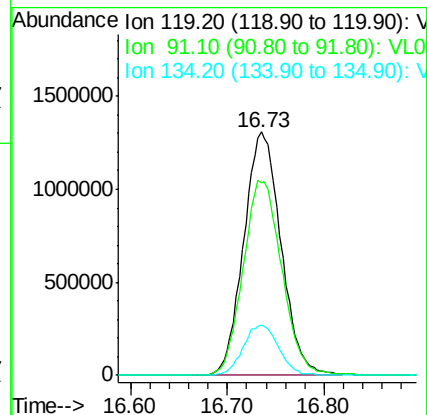
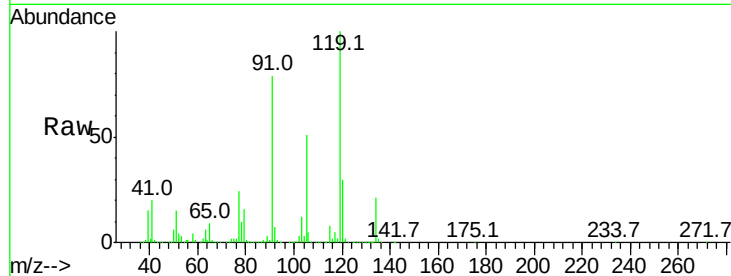
134 19.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#66

Benzyl Chloride

Concen: 9.099 ppbv

RT: 16.98 min Scan# 4414

Delta R.T. 0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

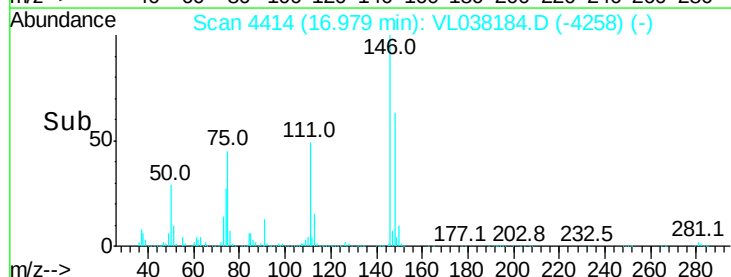
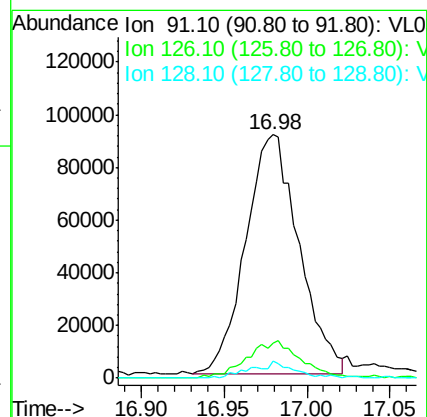
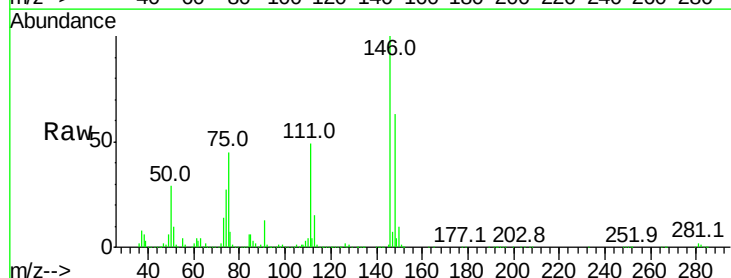
Tgt Ion: 91 Resp: 202995

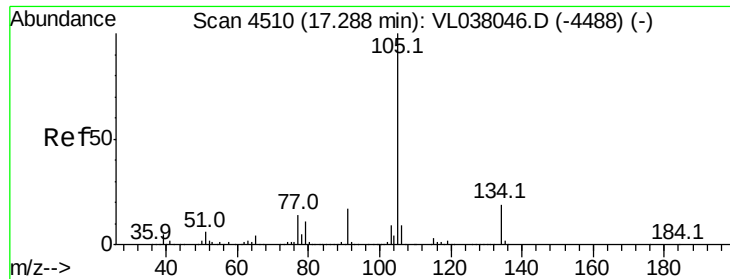
Ion Ratio Lower Upper

91 100

126 16.4 15.5 23.3

128 5.8 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.035 ppbv

RT: 17.28

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:1

Ion Ratio

105 100

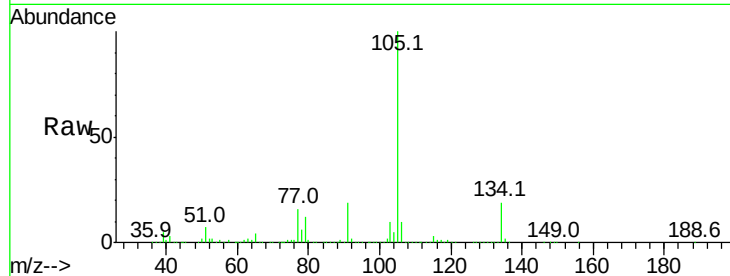
134 18.

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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

2000000

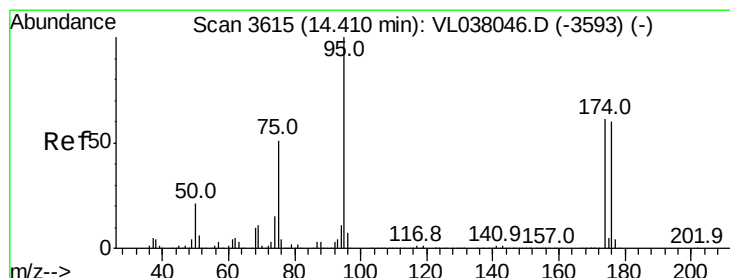
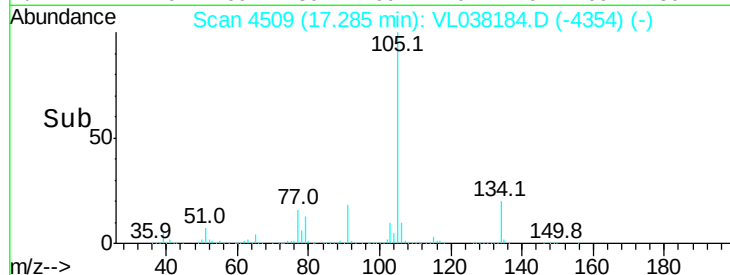
1500000

1000000

500000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.714 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

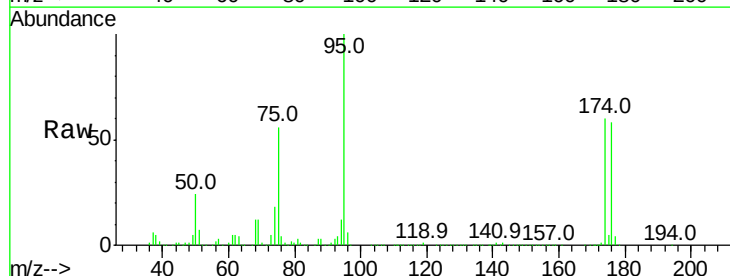
Tgt Ion: 95 Resp: 2107556

Ion Ratio Lower Upper

95 100

174 62.2 53.1 79.7

175 4.6 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

14.41

1200000

1000000

800000

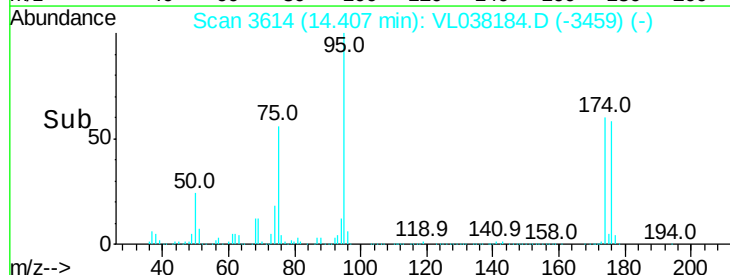
600000

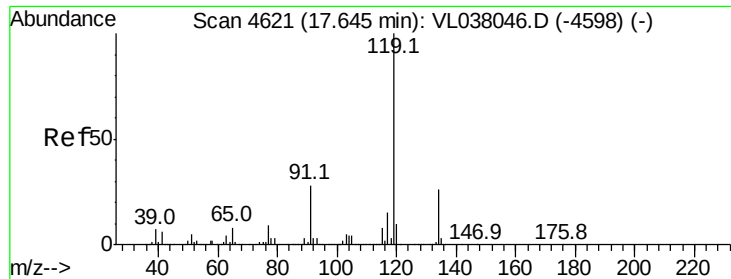
400000

200000

0

Time-->



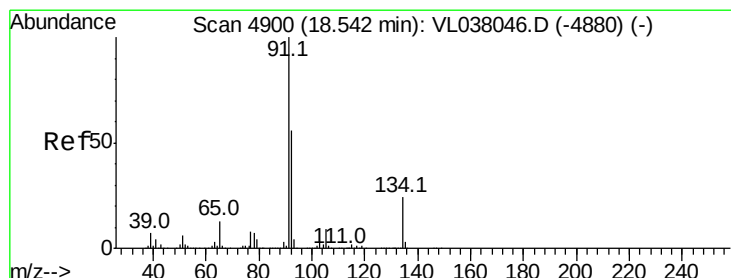
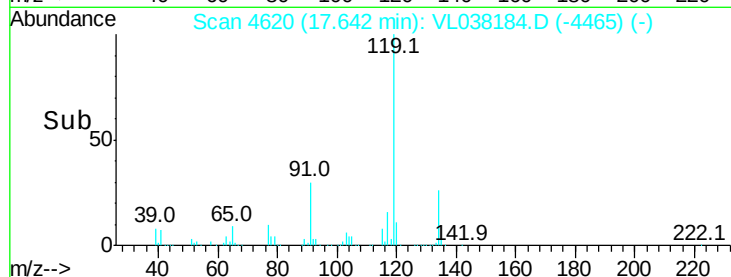
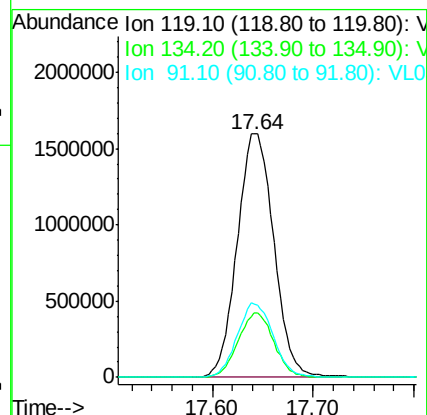
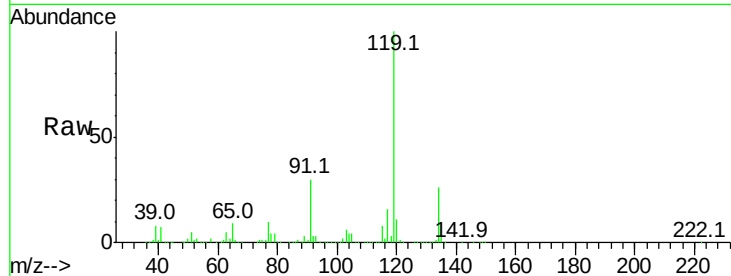


#69
 p-Isopropyltoluene
 Concen: 8.377 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

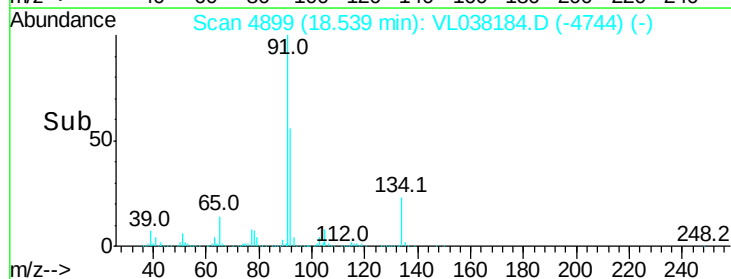
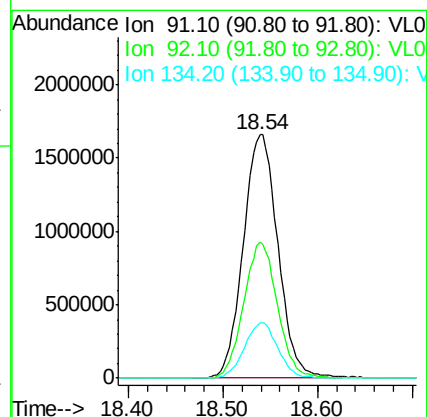
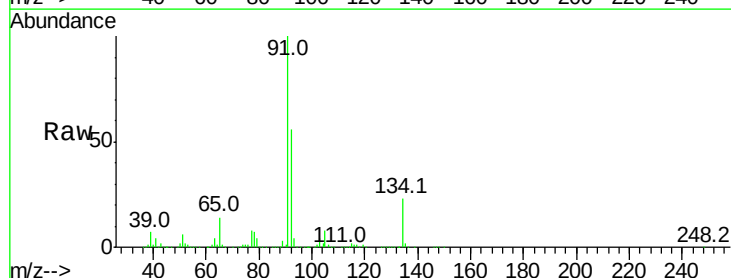
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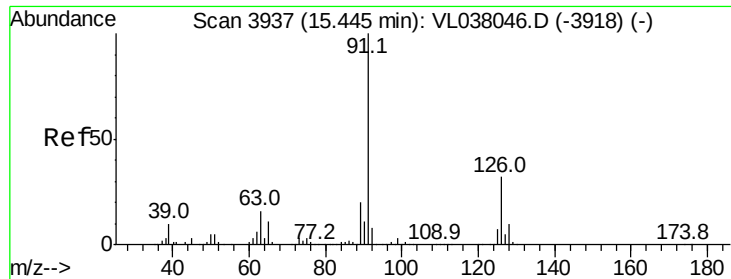
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#70
 n-Butylbenzene
 Concen: 9.197 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: -0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion: 91 Resp: 4219381
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.1 66.1
 134 22.1 18.9 28.3





#71

2-Chlorotoluene

Concen: 8.419 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 11:10

Tot Ion:

Ion Ratio

91 100

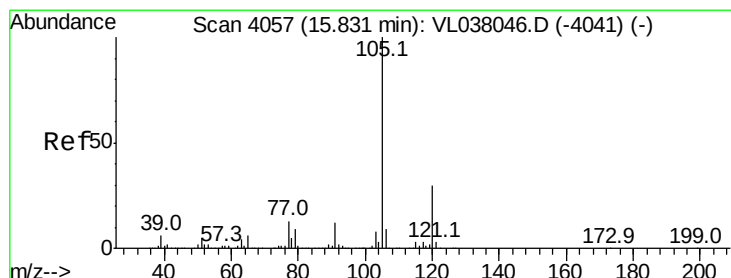
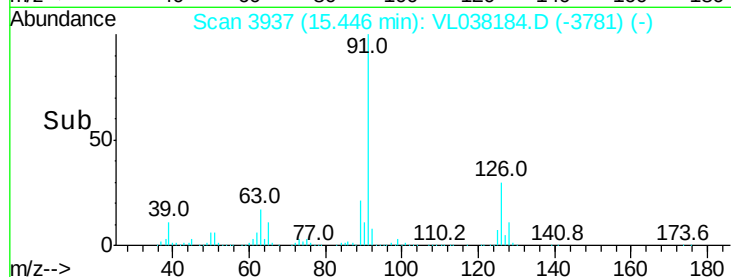
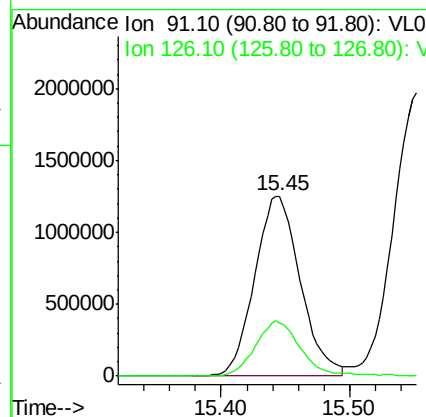
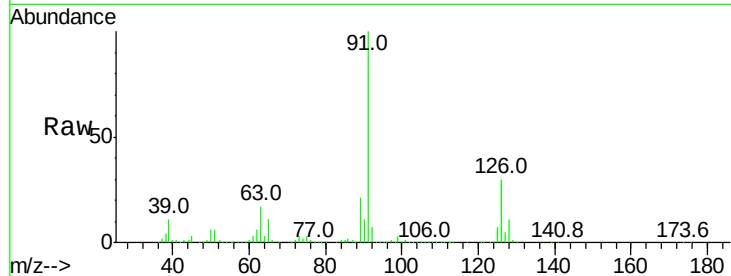
126 31.

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#72

4-Ethyltoluene

Concen: 8.596 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion:105 Resp: 3507977

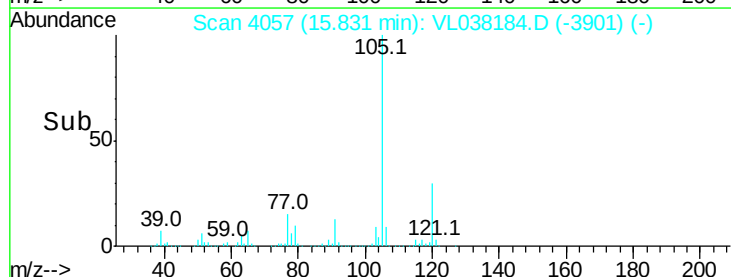
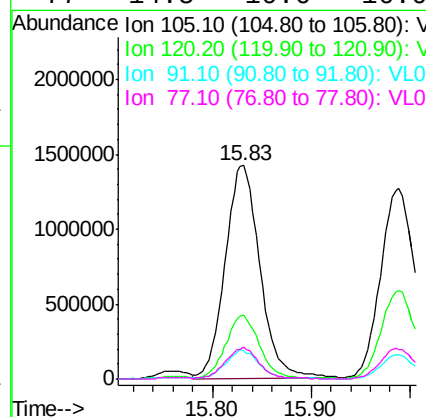
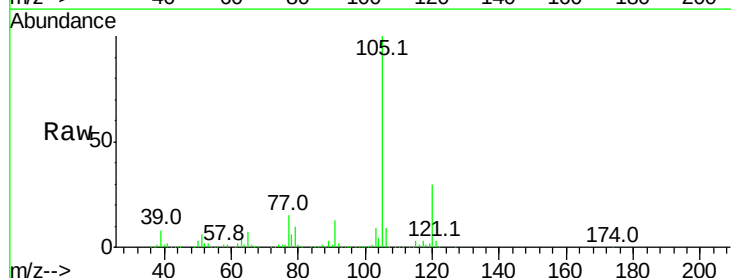
Ion Ratio Lower Upper

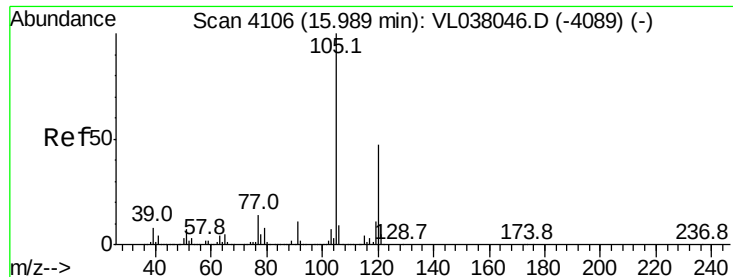
105 100

120 29.5 25.1 37.7

91 12.8 9.7 14.5

77 14.5 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.326 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10 VSTDCCC010

Tot Ion:1

Ion Rati

105 100

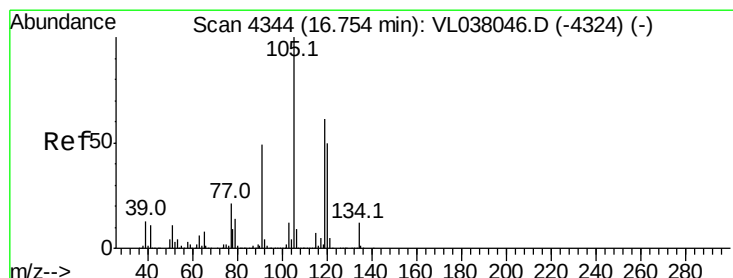
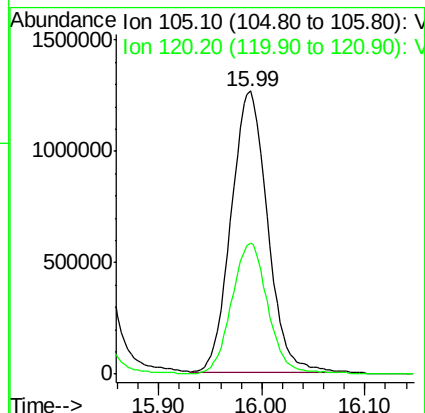
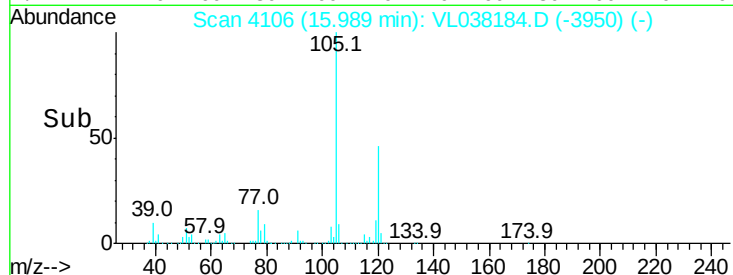
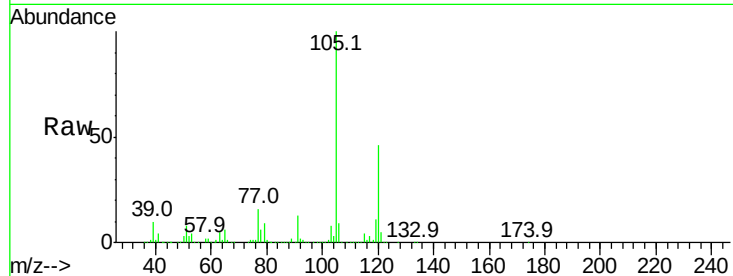
120 46.

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.446 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion:105 Resp: 3244166

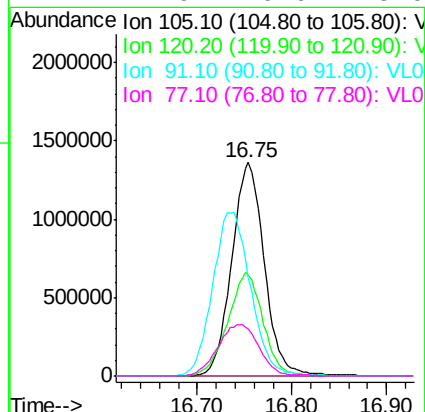
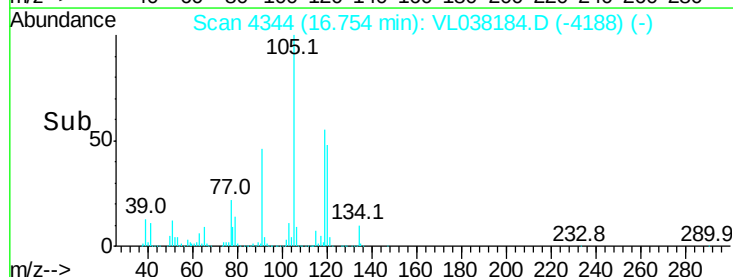
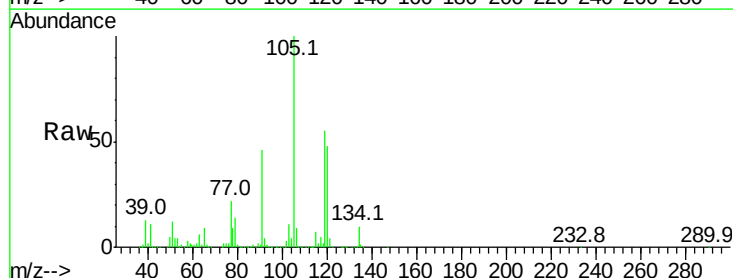
Ion Ratio Lower Upper

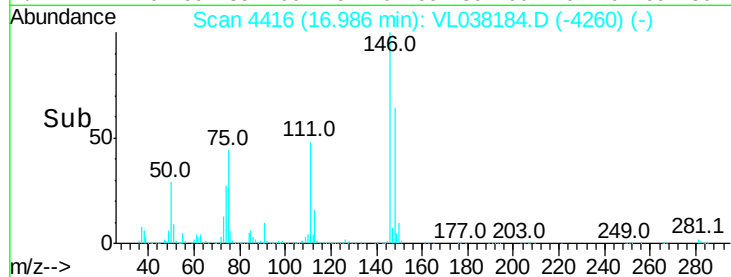
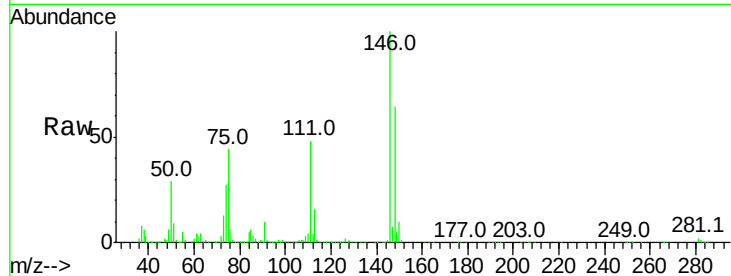
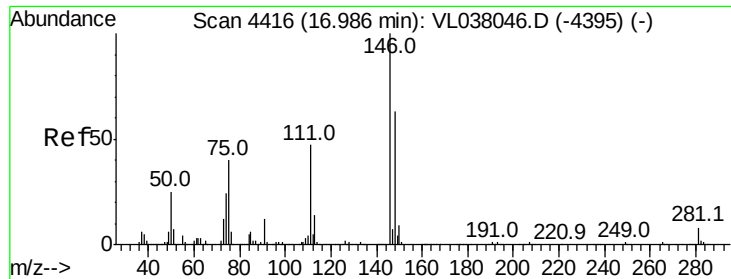
105 100

120 47.4 40.1 60.1

91 46.3 39.8 59.8

77 21.9 16.6 25.0



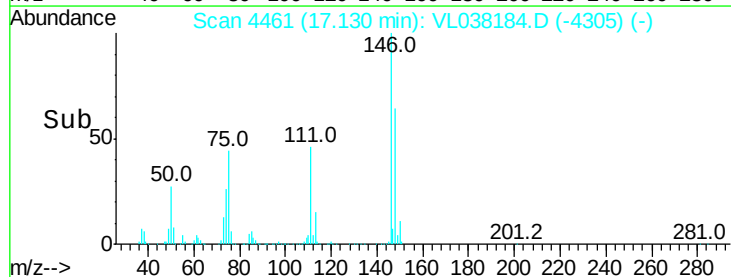
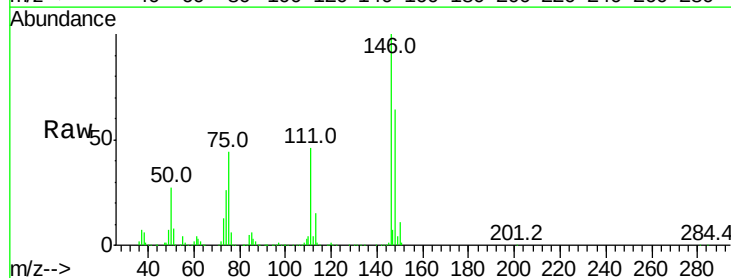
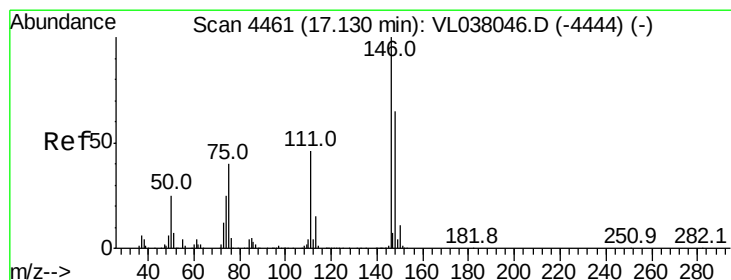
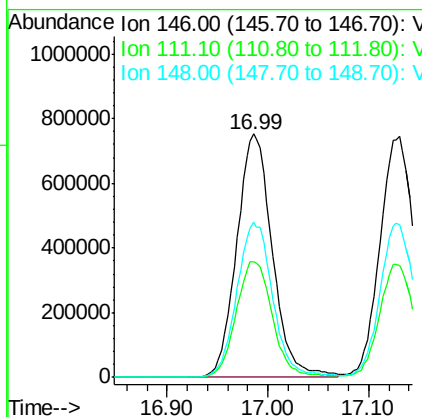


#75
 1,3-Dichlorobenzene
 Concen: 8.712 ppbv
 RT: 16.99
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

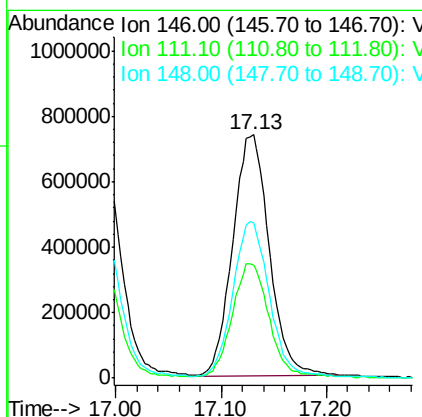
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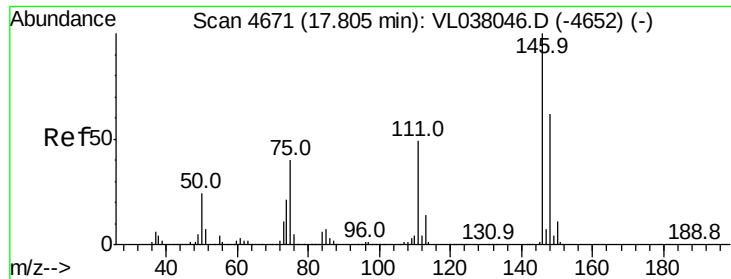
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#76
 1,4-Dichlorobenzene
 Concen: 8.401 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. 0.00 min
 Lab File: VL038184.D
 Acq: 16 Dec 2021 11:10

Tgt Ion:146 Resp: 1783620
 Ion Ratio Lower Upper
 146 100
 111 48.2 23.8 71.5
 148 65.8 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 8.600 ppbv

RT: 17.81

Delta R.T. MSVOA_L

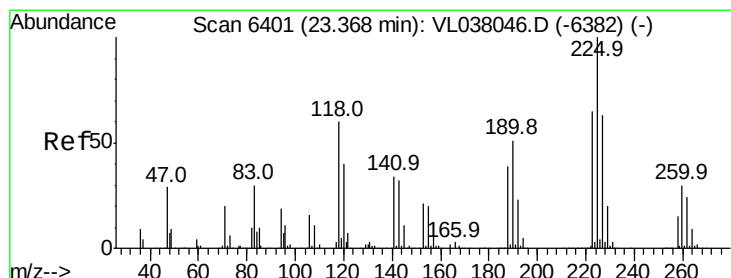
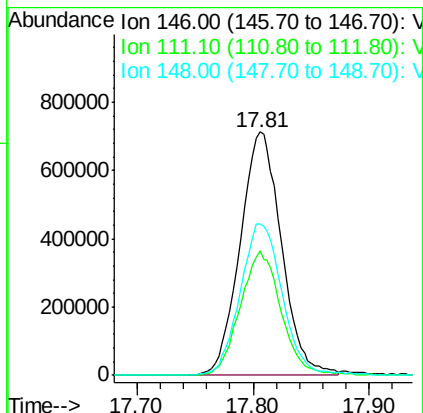
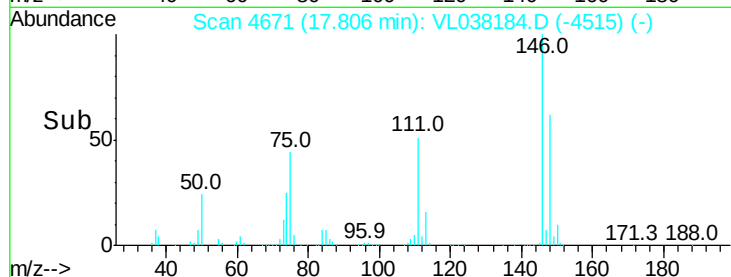
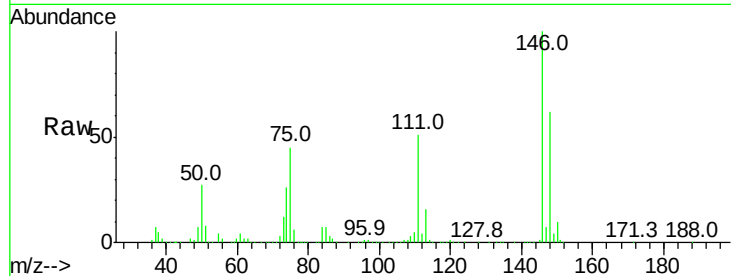
Lab File: ClientSampleId :

Acq: 16 Dec 2021 11:10

Tot Ion:1
Ion Rati
146 100
111 51.
148 64.

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Supervised By :Mahesh Dadoda 12/20/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.253 ppbv

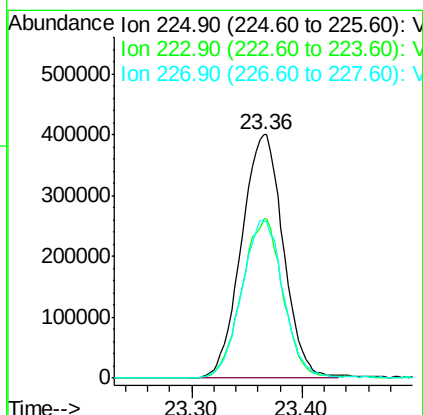
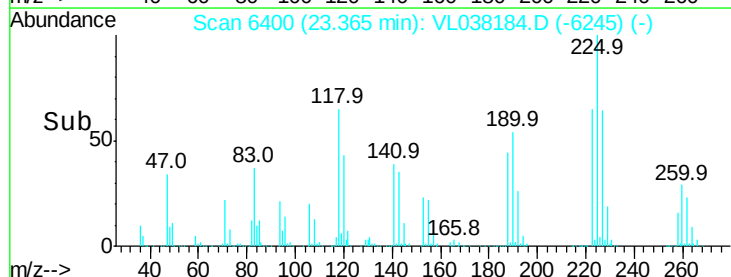
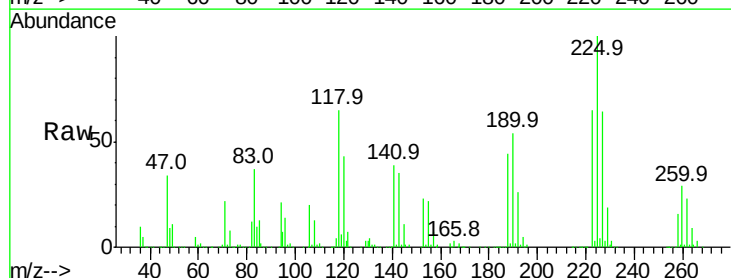
RT: 23.36 min Scan# 6400

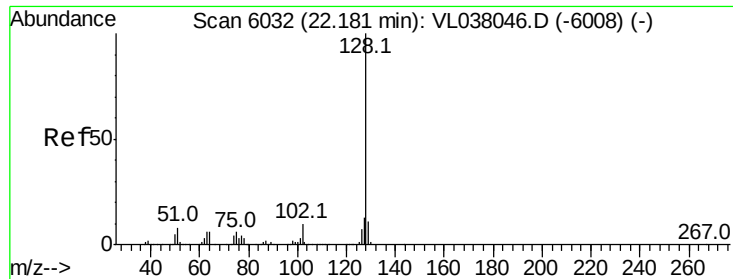
Delta R.T. -0.00 min

Lab File: VL038184.D

Acq: 16 Dec 2021 11:10

Tgt Ion:225 Resp: 1052658
Ion Ratio Lower Upper
225 100
223 65.1 52.3 78.5
227 65.1 52.4 78.6



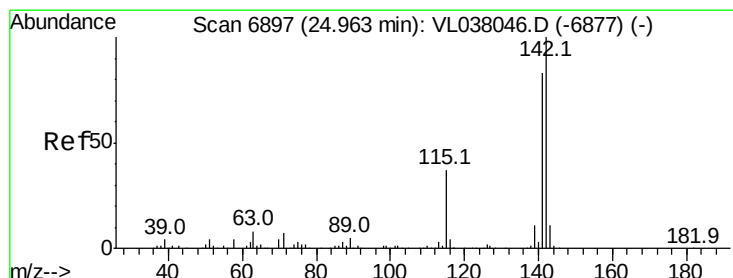
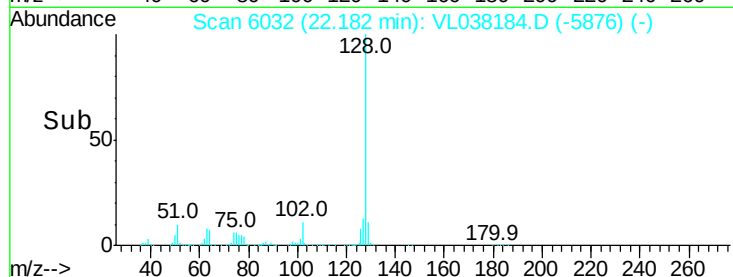
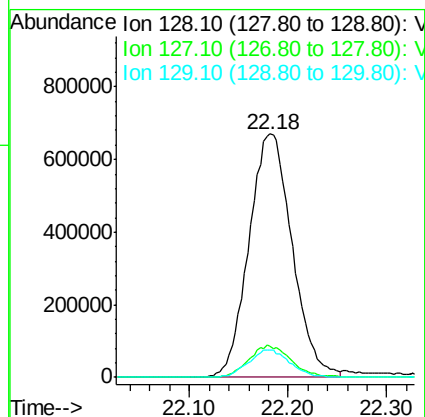
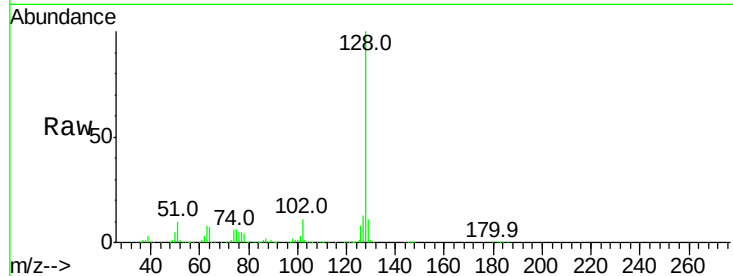


#79
Naphthalene
Concen: 10.058 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 16 Dec 2021 11:10

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

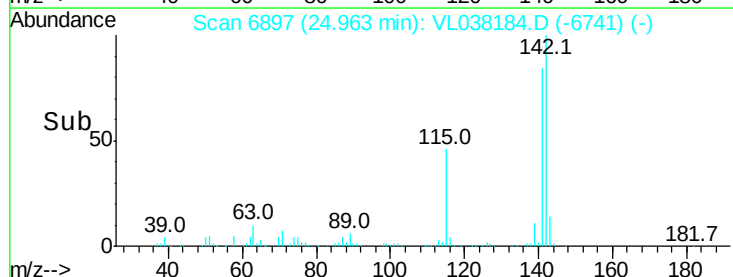
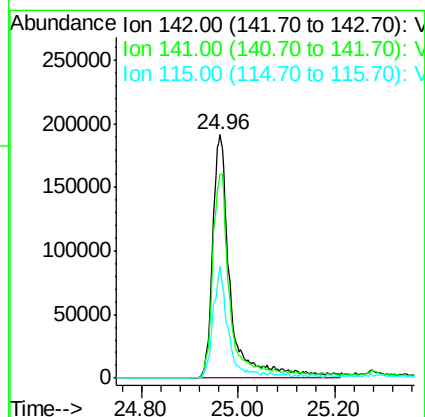
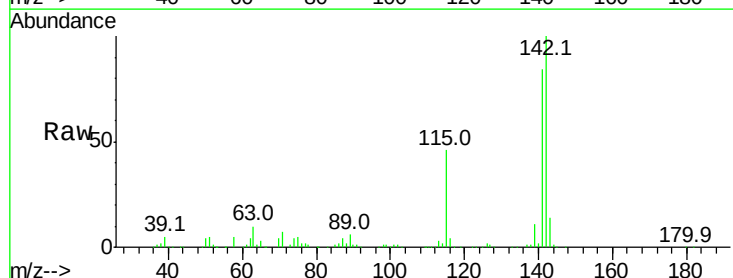
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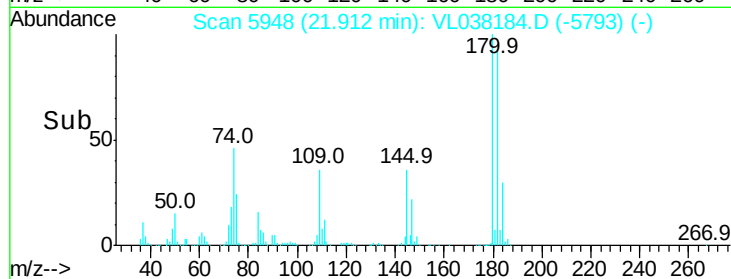
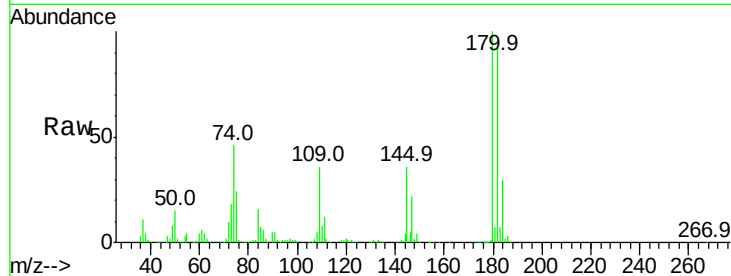
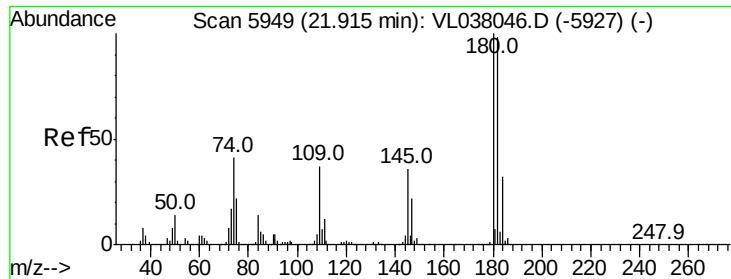
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#80
Naphthalene, 2-methyl-
Concen: 11.385 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.00 min
Lab File: VL038184.D
Acq: 16 Dec 2021 11:10

Tgt Ion:142 Resp: 493549
Ion Ratio Lower Upper
142 100
141 82.7 67.3 100.9
115 37.9 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.708 ppbv
 RT: 21.91
 Delta R.T
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 16 Dec 2021 11:10

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

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

