

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038212.D
 Acq On : 21 Dec 2021 13:21
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 13:54:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 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	5.67	49	766404	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2391425	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2198558m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1624462	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1180204	9.323 ppbv	99
3) Chlorodifluoromethane	3.00	51	1372038	8.525 ppbv	100
4) Chloromethane	3.15	50	489415	8.933 ppbv	98
5) Vinyl Chloride	3.26	62	490288	9.122 ppbv	100
6) Bromomethane	3.48	94	277799	9.648 ppbv	98
7) Chloroethane	3.56	64	174153	9.129 ppbv	92
8) Dichlorotetrafluoroethane	3.20	85	1182293	9.388 ppbv	100
9) Propene	3.02	41	483519	8.157 ppbv	97
10) Heptane	8.12	43	1227223	8.377 ppbv	100
11) Trichlorofluoromethane	3.96	101	1158838	9.625 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	873502	10.256 ppbv	99
13) Ethanol	3.62	45	64881m	11.327 ppbv	
14) Bromoethene	3.75	108	363233	9.524 ppbv	99
15) Acetone	3.85	43	589250	8.868 ppbv	98
16) 1,3-Butadiene	3.33	39	471445	9.094 ppbv	98
17) tert-Butyl alcohol	4.29	59	792567	9.833 ppbv	100
18) 1,1-Dichloroethene	4.29	96	381901	9.775 ppbv	98
19) Isopropyl Alcohol	3.97	45	423229	8.815 ppbv	# 1
20) Methylene Chloride	4.35	84	314495	8.450 ppbv	94
21) Allyl Chloride	4.42	41	589827	9.589 ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	424005	10.714 ppbv	94
23) Vinyl Acetate	5.07	43	977486	10.162 ppbv	99
24) 1,1-Dichloroethane	5.01	63	826680	10.321 ppbv	98
25) Ethyl Acetate	5.68	43	1844589	8.353 ppbv	99
26) Hexane	5.69	57	869337	8.167 ppbv	97
27) Carbon Disulfide	4.56	76	925487	9.706 ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	934394	10.334 ppbv	100
29) Chloroform	5.75	83	1323939	8.439 ppbv	98
30) Cyclohexane	7.13	84	824267	8.530 ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	738355	7.292 ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	1378990	8.661 ppbv	99
34) 2-Butanone	5.25	43	658993	6.834 ppbv	99
35) Carbon Tetrachloride	7.02	117	1380593	8.217 ppbv	99
36) Benzene	6.89	78	1940628	8.135 ppbv	99
37) 1,2-Dichloroethane	6.31	62	1008877	8.757 ppbv	99
38) Trichloroethene	7.83	130	709674	7.887 ppbv	98
39) 1,2-Dichloropropane	7.61	63	746651	8.159 ppbv	98
40) 1,4-Dioxane	7.83	88	181655	7.620 ppbv	# 1
41) Tetrahydrofuran	6.05	42	481235	8.039 ppbv	99
42) Bromodichloromethane	7.79	83	1503120	8.582 ppbv	100
43) Methyl Methacrylate	8.01	69	712813	8.734 ppbv	99

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Instrument :
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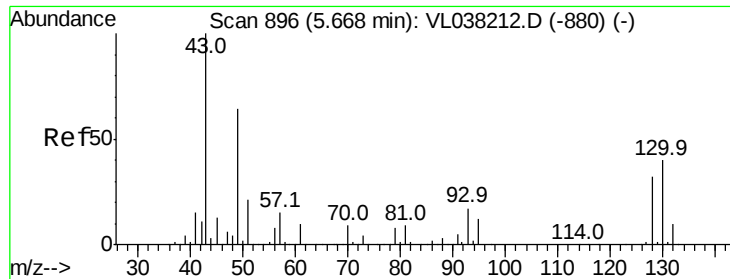
Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 12/29/2021

Quant Time: Dec 21 13:54:14 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	7.87	57	3161815	7.922	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	622516	9.509	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	798036	9.013	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	781690	8.156	ppbv	97
48) Dibromochloromethane	10.30	129	1240818	8.502	ppbv	98
49) Bromoform	13.04	173	925111	8.860	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1239992	8.467	ppbv	100
51) 2-Hexanone	10.13	43	576490	8.367	ppbv #	99
52) Tetrachloroethene	11.22	164	661636	7.496	ppbv	98
53) Toluene	9.80	91	2237792	8.153	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1143399	8.446	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	808716	8.103	ppbv #	56
57) Chlorobenzene	12.14	112	1565008	7.942	ppbv	98
58) Ethyl Benzene	12.70	91	2871221	7.901	ppbv	98
59) m/p-Xylene	12.99	91	4841593m	15.828	ppbv	
60) o-Xylene	13.68	91	2219412	7.821	ppbv	98
61) Styrene	13.52	104	1260303	8.284	ppbv	99
62) Isopropylbenzene	14.66	105	3138181	7.791	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	1568065	7.439	ppbv	99
64) n-propylbenzene	15.55	120	806767	7.862	ppbv	95
65) tert-Butylbenzene	16.74	119	2669708	7.523	ppbv	100
66) Benzyl Chloride	16.98	91	124898	6.944	ppbv	98
67) sec-Butylbenzene	17.29	105	3747815	7.579	ppbv	100
69) p-Isopropyltoluene	17.64	119	3039786	7.859	ppbv	100
70) n-Butylbenzene	18.54	91	2936143	7.939	ppbv	100
71) 2-Chlorotoluene	15.45	91	2304649	7.826	ppbv	99
72) 4-Ethyltoluene	15.83	105	2672120	8.122	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	2412190	8.027	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	2409581	7.782	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	1361906	8.008	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1323195	7.731	ppbv	100
77) 1,2-Dichlorobenzene	17.81	146	1276584	7.752	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	697620	6.785	ppbv	99
79) Naphthalene	22.18	128	1442875	8.848	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	292055	8.357	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	737442	7.870	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

49 100

128 53.

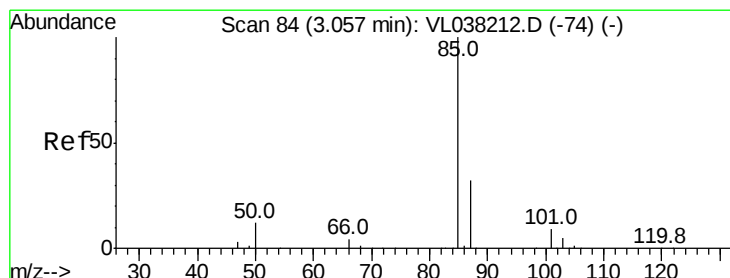
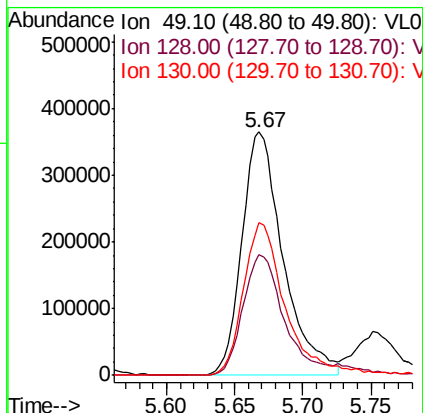
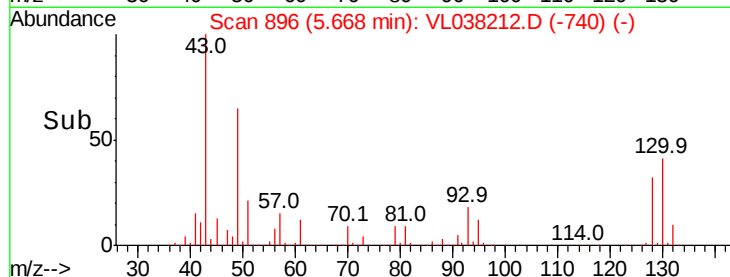
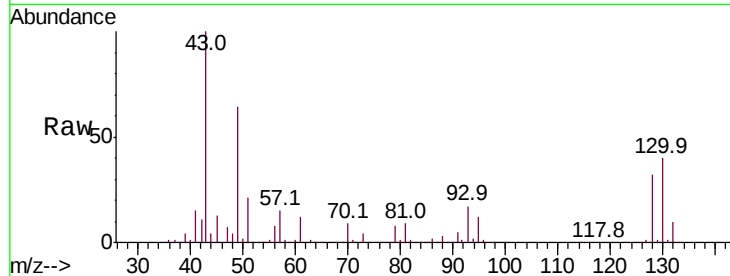
130 64.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#2

Dichlorodifluoromethane

Concen: 9.323 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038212.D

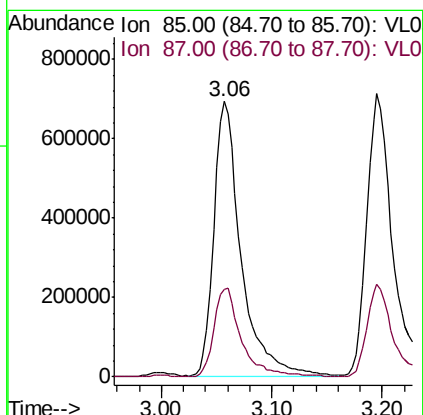
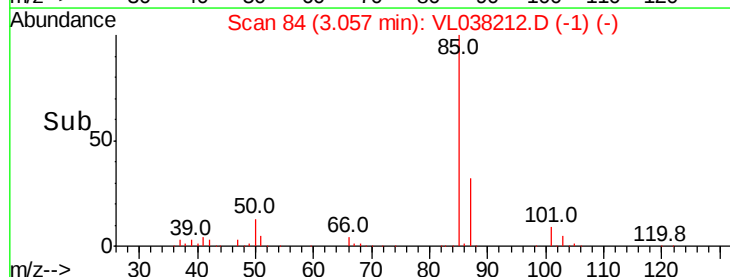
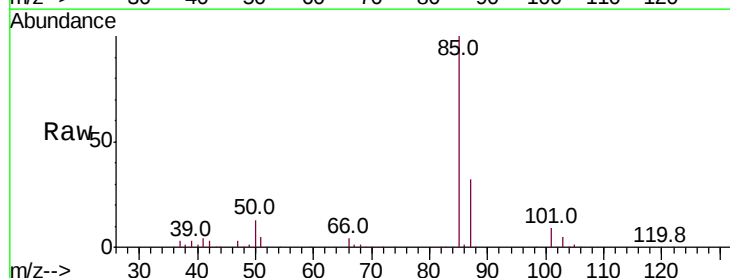
Acq: 21 Dec 2021 13:21

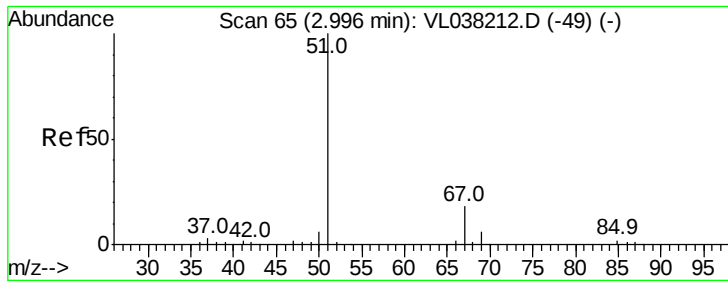
Tgt Ion: 85 Resp: 1180204

Ion Ratio Lower Upper

85 100

87 31.8 25.8 38.6



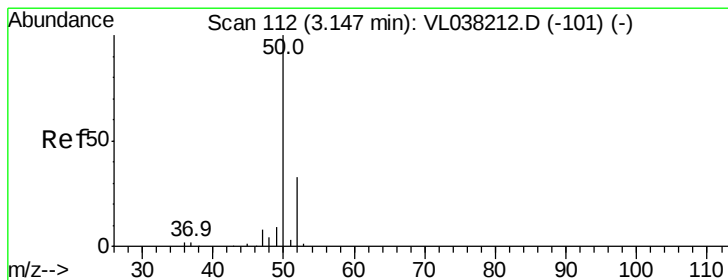
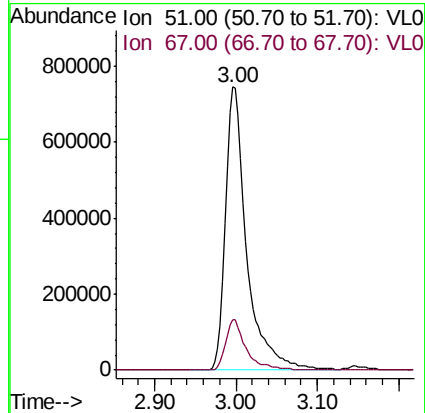
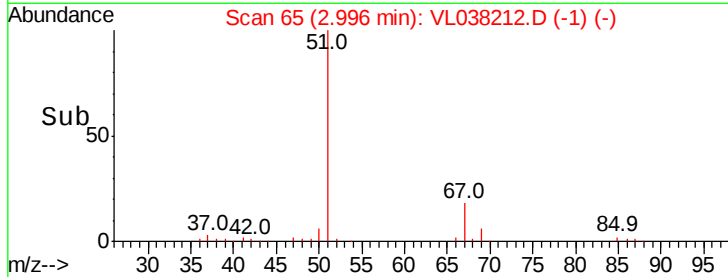
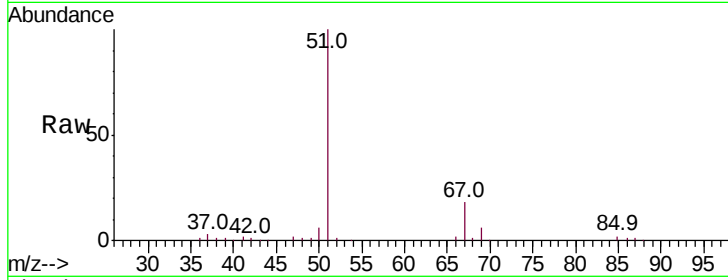


#3
 Chlorodifluoromethane
 Concen: 8.525 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:
 Ion Ratio
 51 100
 67 17.

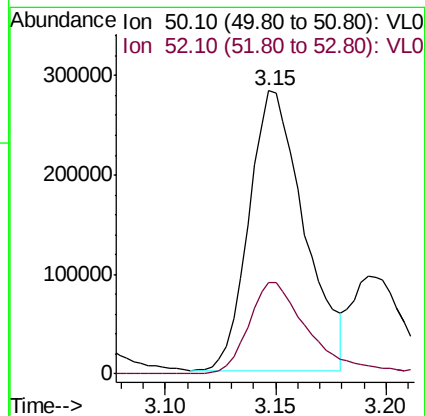
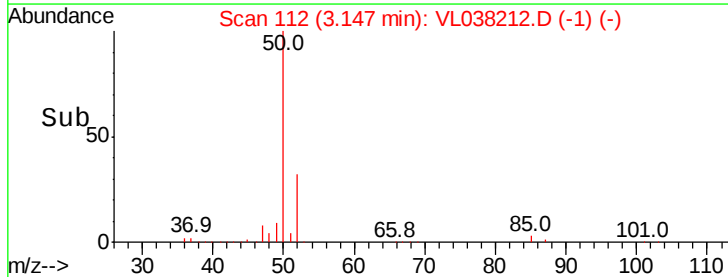
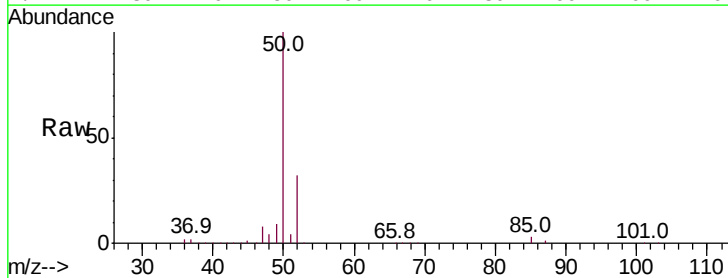
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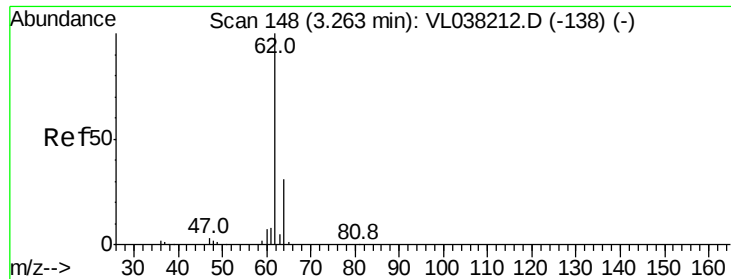
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#4
 Chloromethane
 Concen: 8.933 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion: 50 Resp: 489415
 Ion Ratio Lower Upper
 50 100
 52 32.7 25.4 38.0





#5

Vinyl Chloride

Concen: 9.122 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

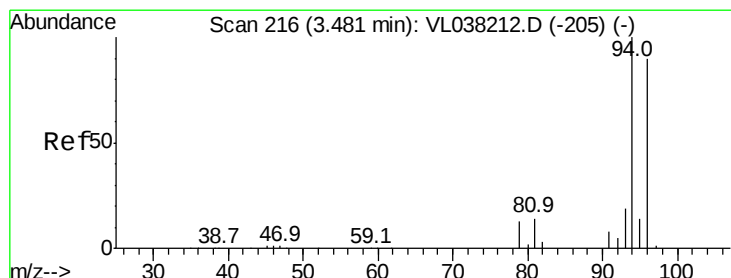
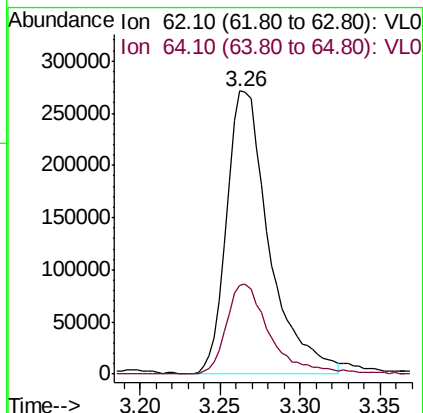
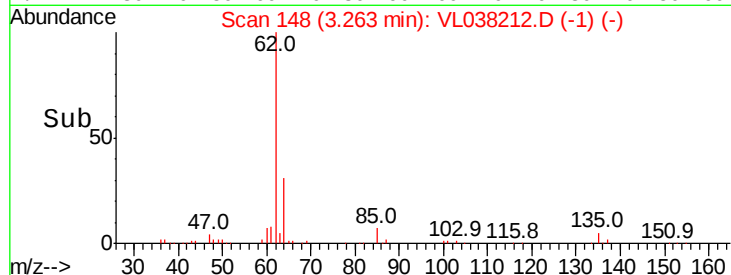
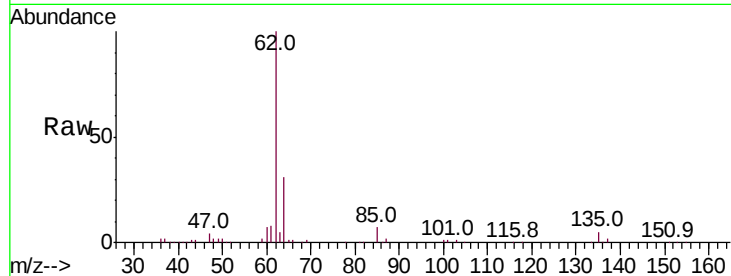
64 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#6

Bromomethane

Concen: 9.648 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038212.D

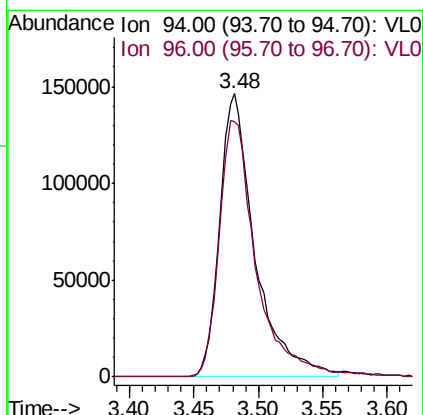
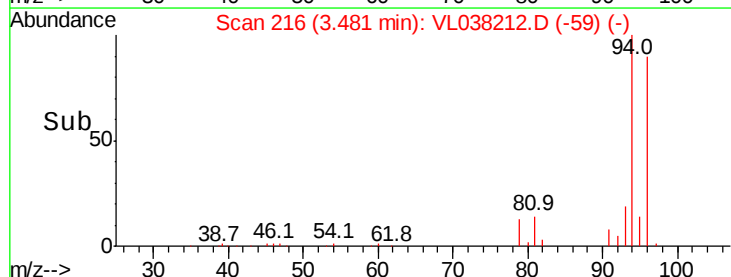
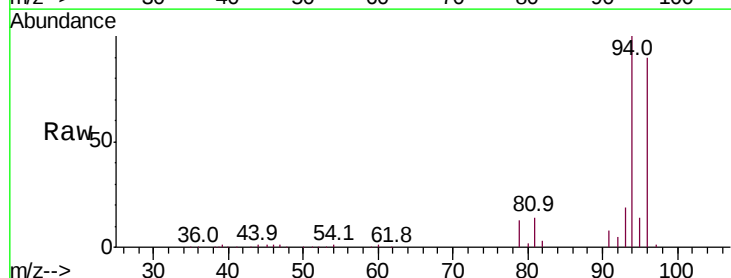
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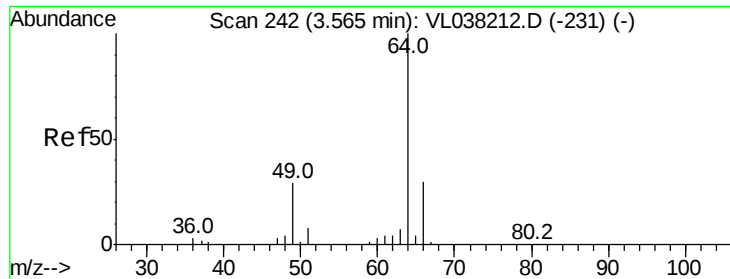
Tgt Ion: 94 Resp: 277799

Ion Ratio Lower Upper

94 100

96 90.2 73.9 110.9





#7

Chloroethane

Concen: 9.129 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDICCC010

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

64 100

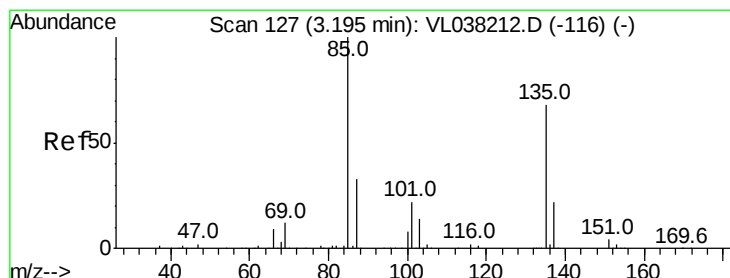
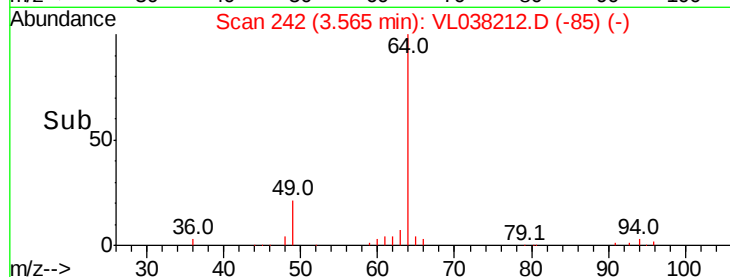
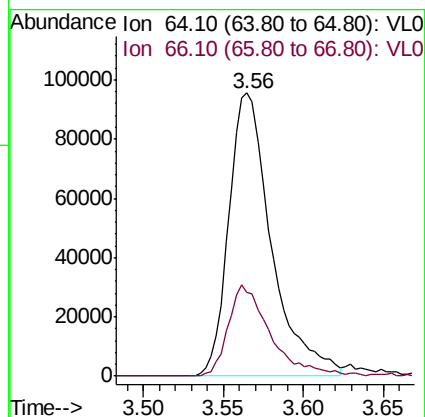
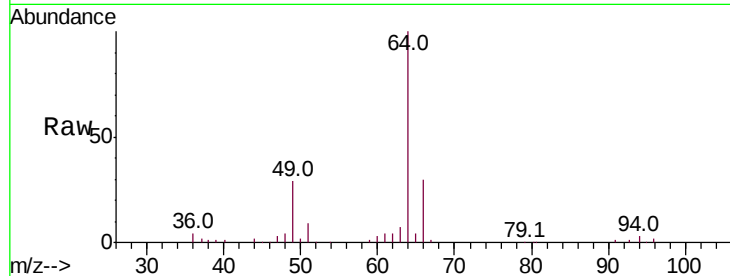
66 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.388 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL038212.D

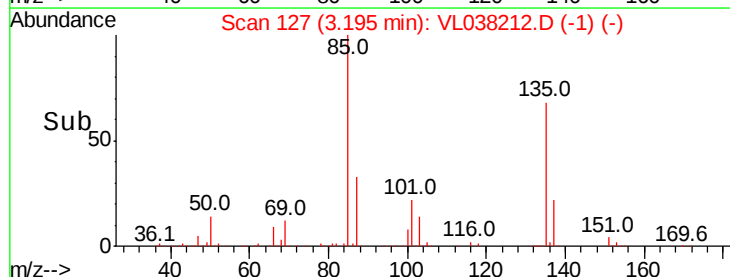
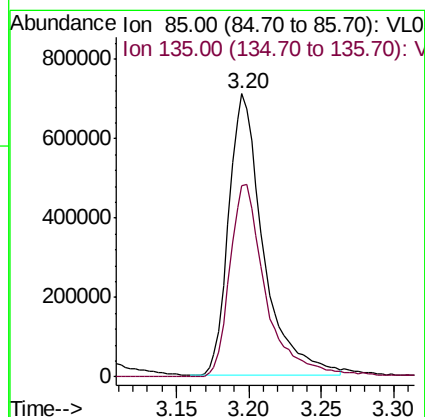
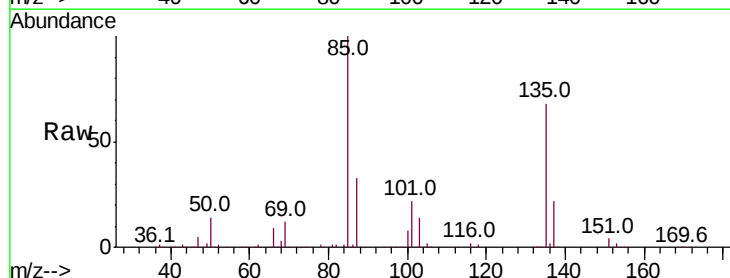
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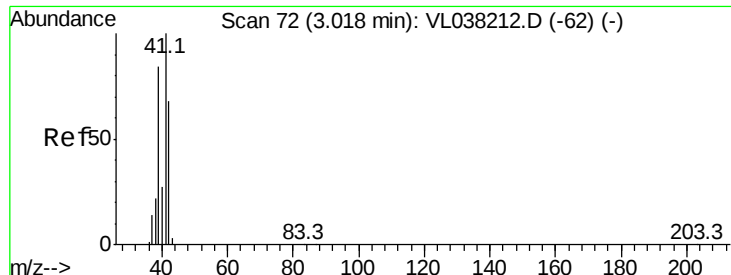
Tgt Ion: 85 Resp: 1182293

Ion Ratio Lower Upper

85 100

135 72.1 57.9 86.9



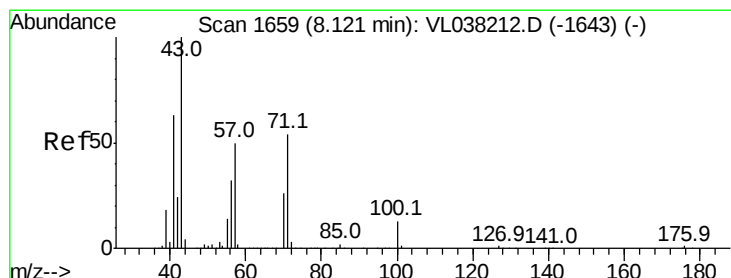
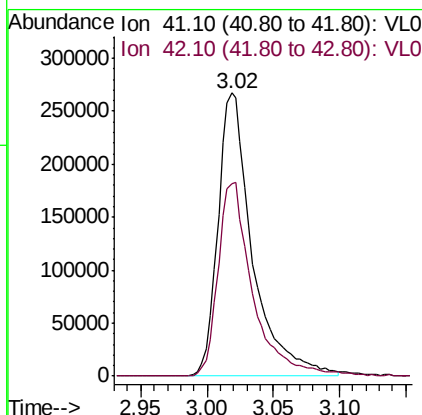
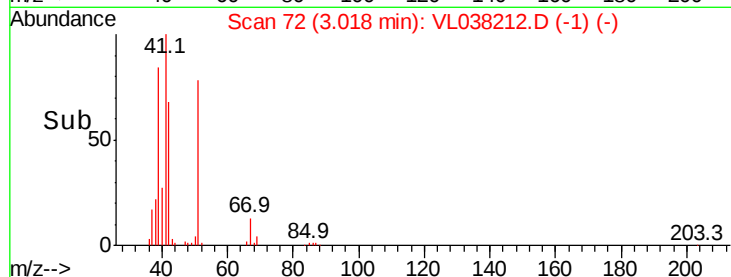
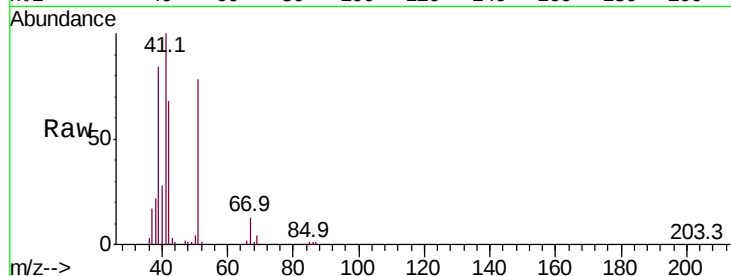


#9
 Propene
 Concen: 8.157 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:
 Ion Ratio
 41 100
 42 69.

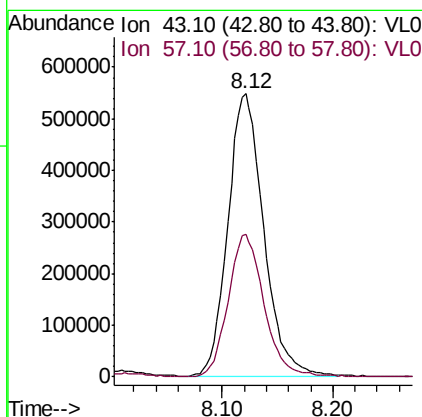
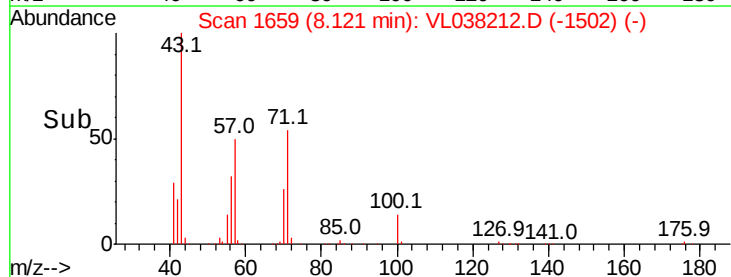
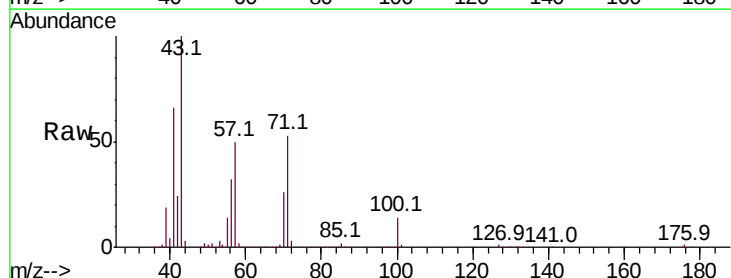
Manual Integrations
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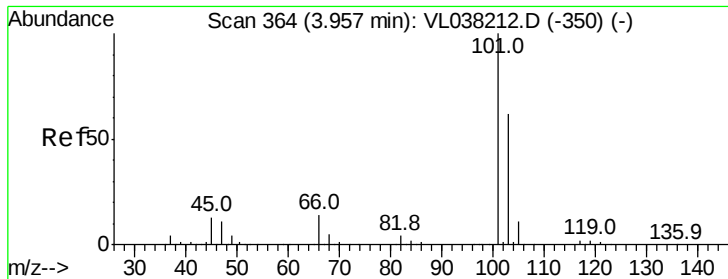
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#10
 Heptane
 Concen: 8.377 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion: 43 Resp: 1227223
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.4 60.6



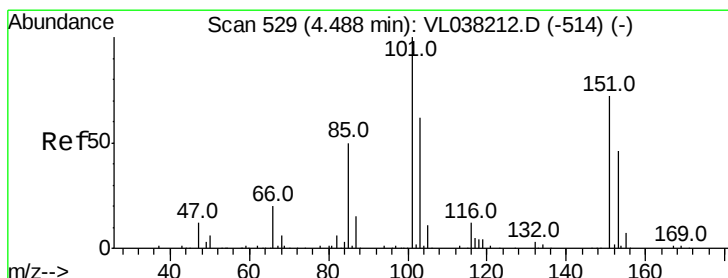
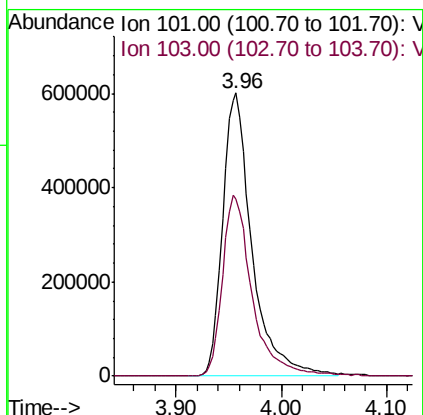
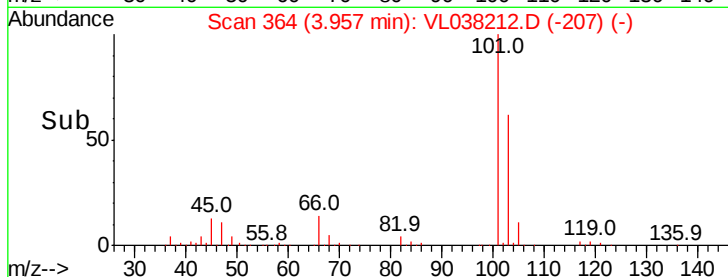
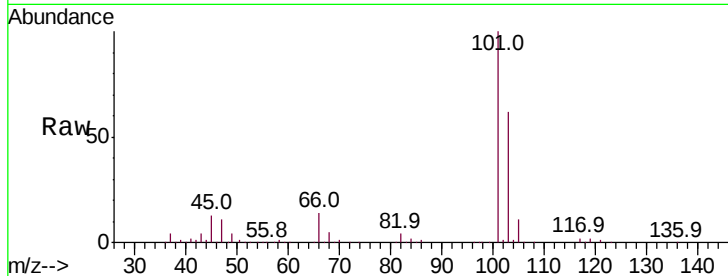


#11
 Trichlorofluoromethane
 Concen: 9.625 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:1
 Ion Rati
 101 100
 103 62.

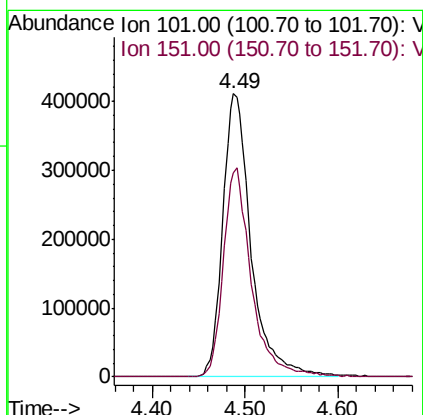
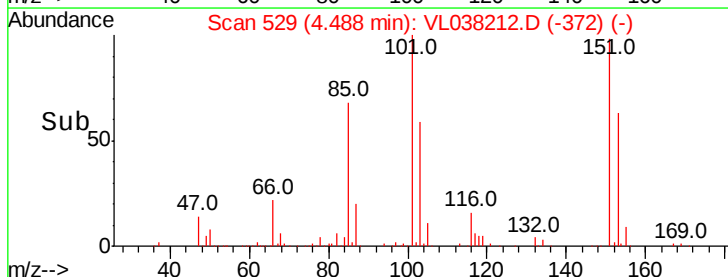
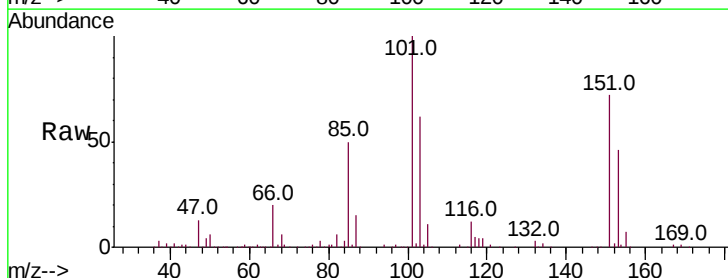
Manual Integrations
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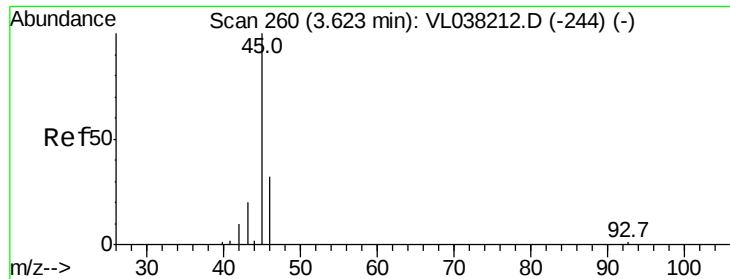
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.256 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion:101 Resp: 873502
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.0 88.4





#13

Ethanol

Concen: 11.327 ppbv m

RT: 3.62 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

45 100

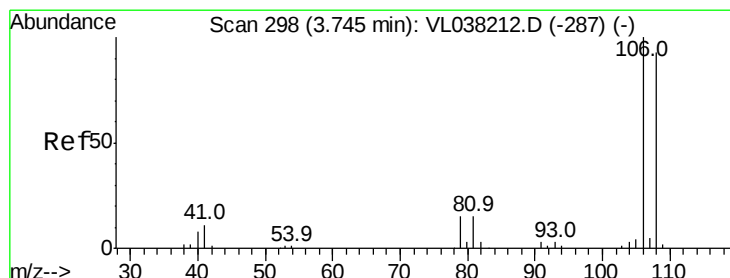
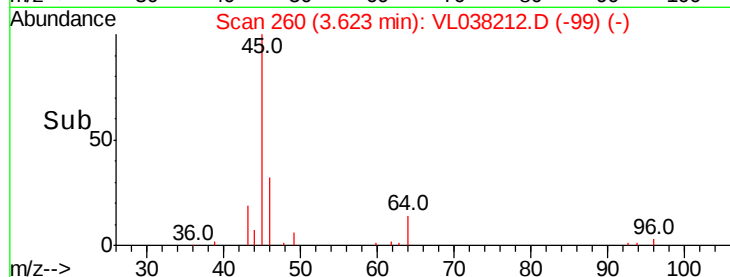
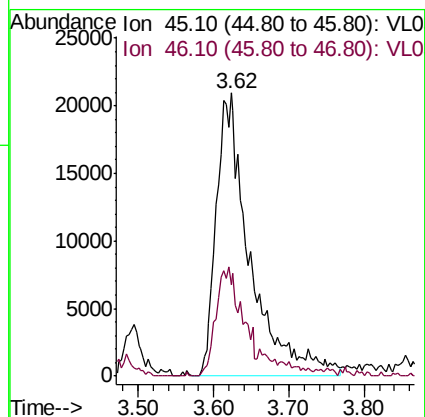
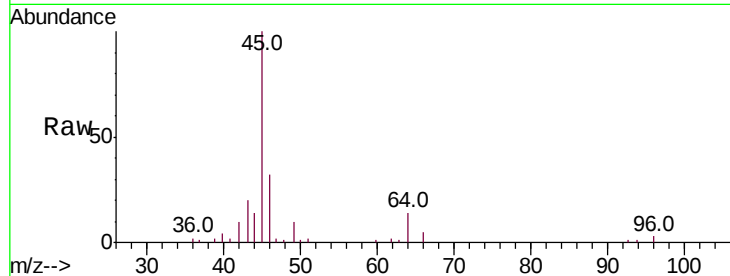
46 0.

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APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#14

Bromoethene

Concen: 9.524 ppbv

RT: 3.75 min Scan# 298

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

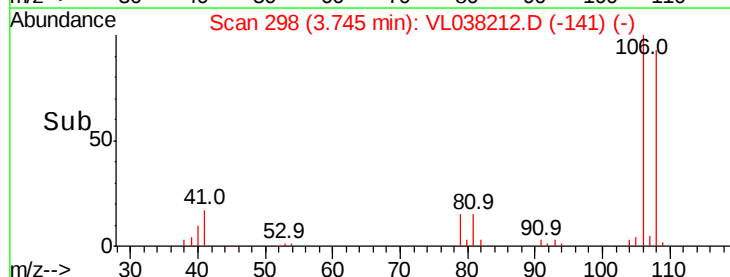
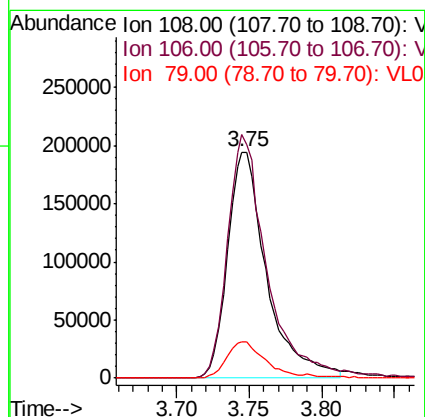
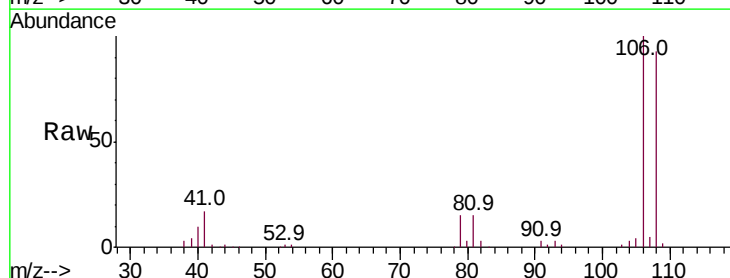
Tgt Ion:108 Resp: 363233

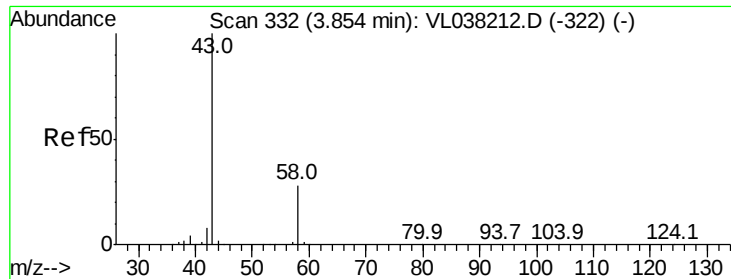
Ion Ratio Lower Upper

108 100

106 110.2 89.4 134.0

79 17.1 14.1 21.1





#15

Acetone

Concen: 8.868 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

43 100

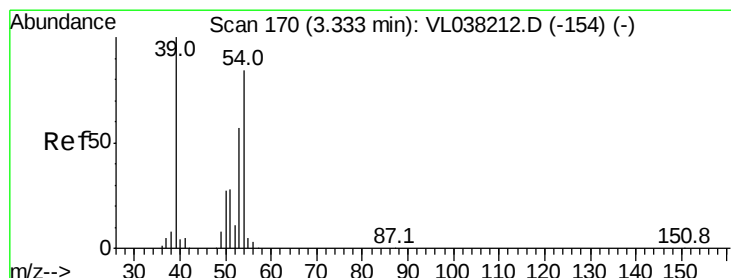
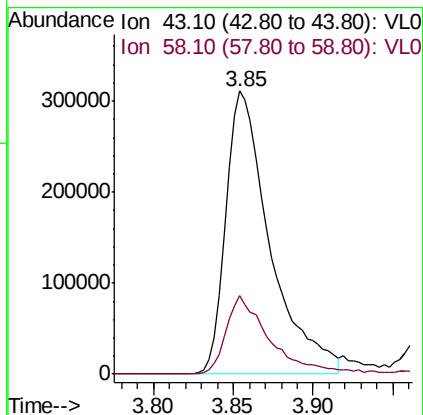
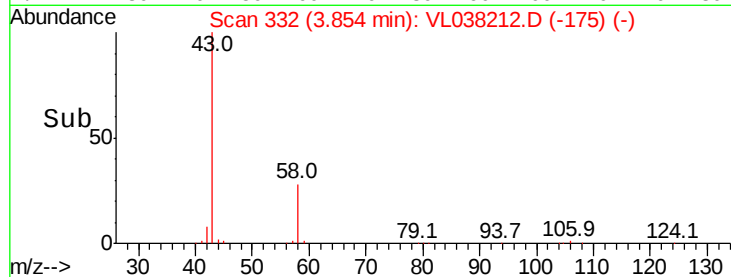
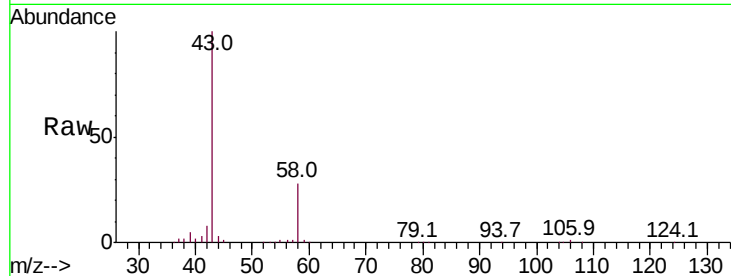
58 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#16

1,3-Butadiene

Concen: 9.094 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038212.D

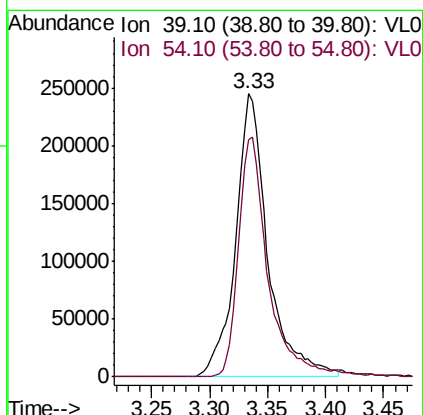
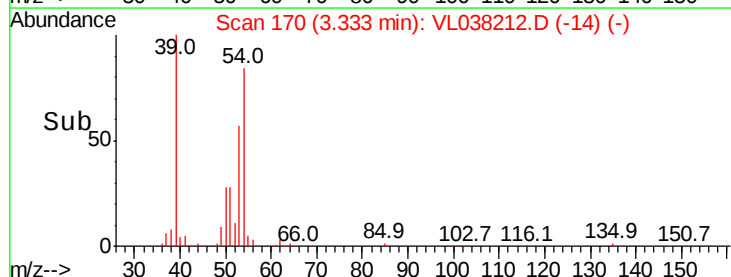
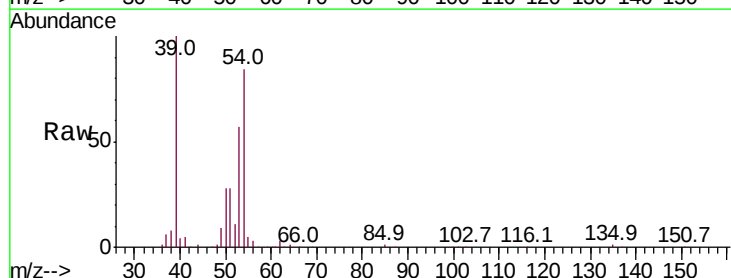
Acq: 21 Dec 2021 13:21

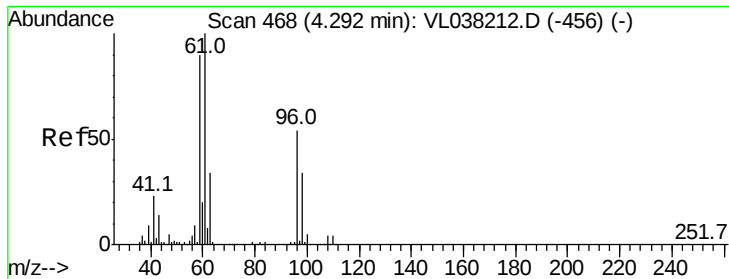
Tgt Ion: 39 Resp: 471445

Ion Ratio Lower Upper

39 100

54 78.6 64.4 96.6





#17

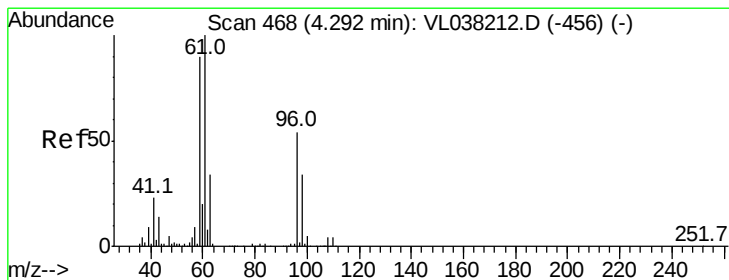
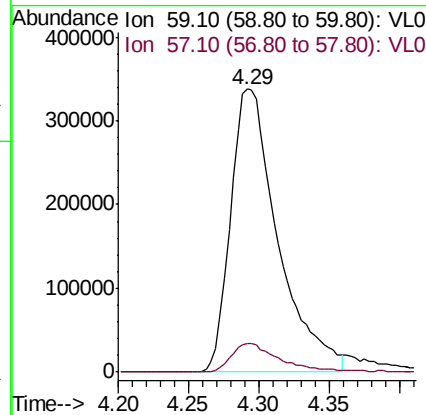
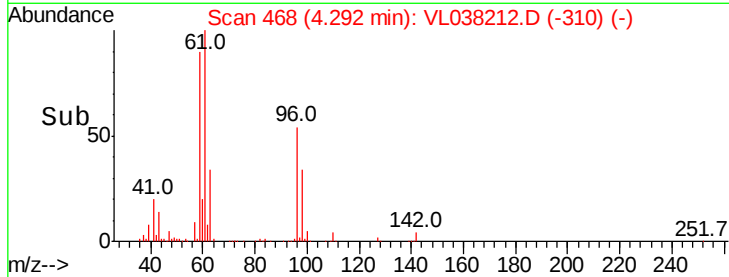
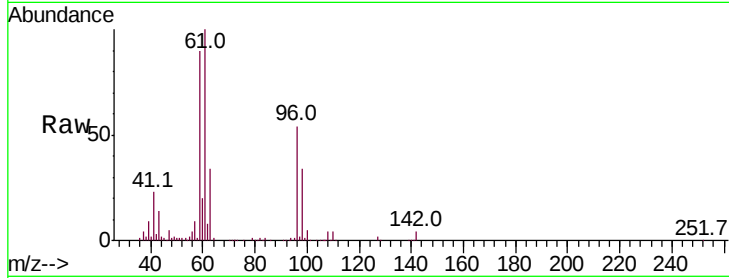
tert-Butyl alcohol
Concen: 9.833 ppbv
RT: 4.29 min
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Instrument : MSVOA_1
Client Sample Id : VSTDICCC010

Tot Ion:
Ion Ratio
59 100
57 10.

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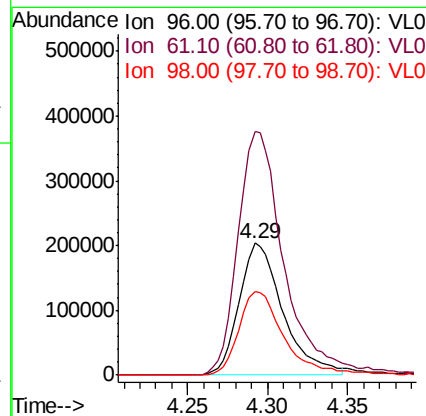
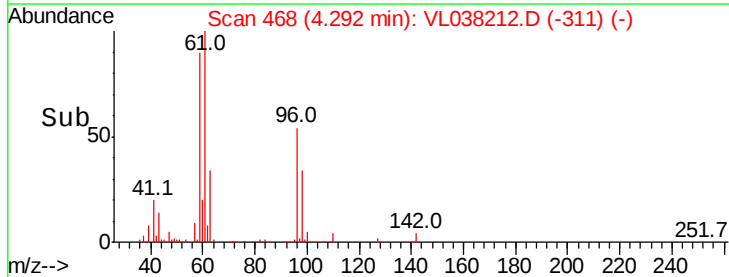
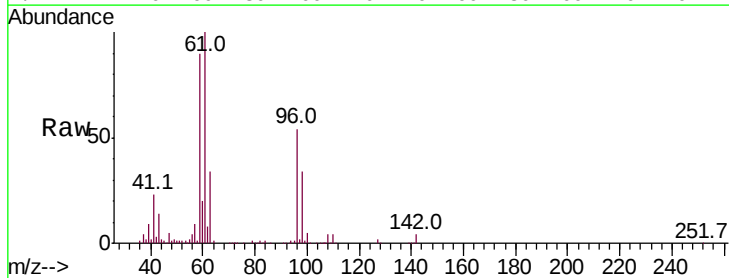
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

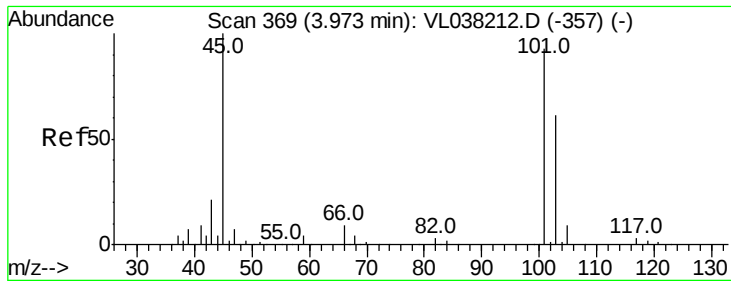


#18

1,1-Dichloroethene
Concen: 9.775 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 96 Resp: 381901
Ion Ratio Lower Upper
96 100
61 184.2 149.8 224.8
98 63.4 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.815 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

45 100

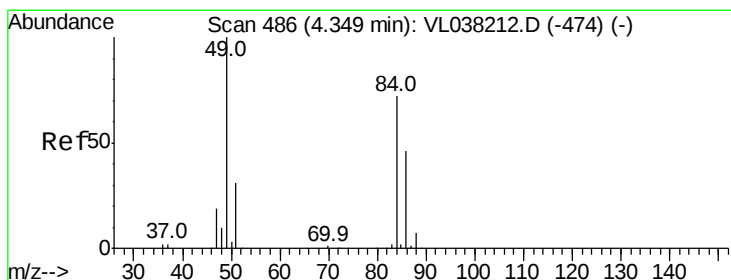
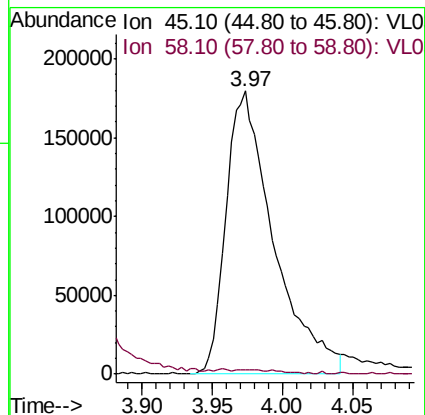
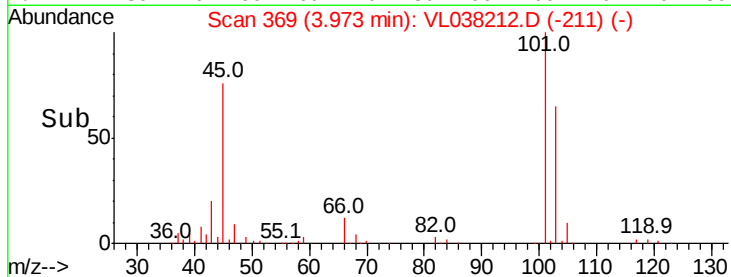
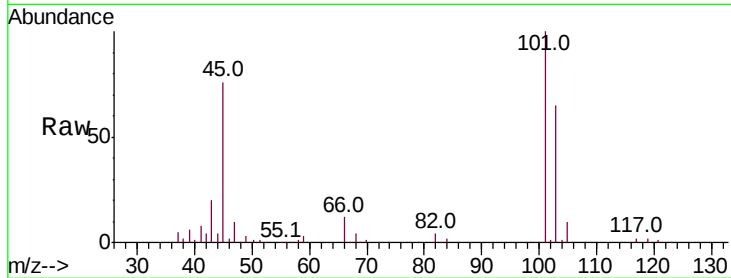
58 40.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 8.450 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

Tgt Ion: 84 Resp: 314495

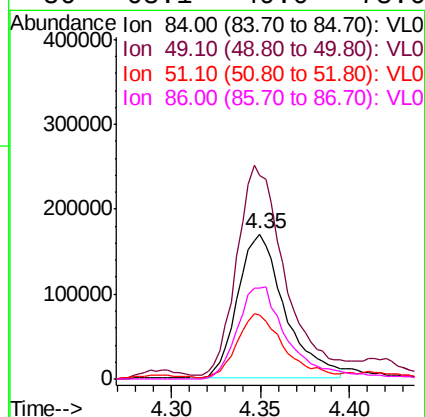
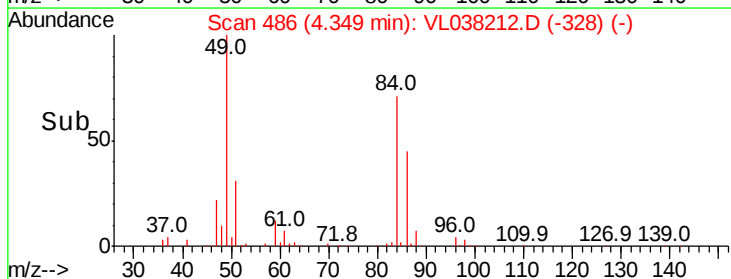
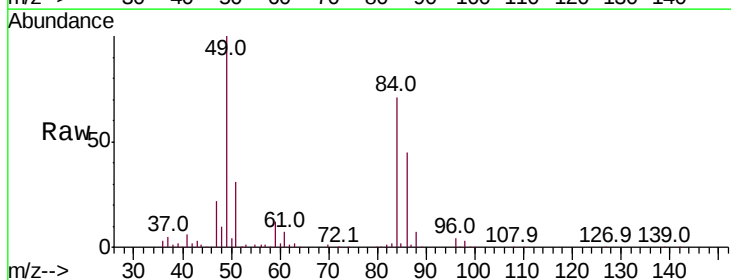
Ion Ratio Lower Upper

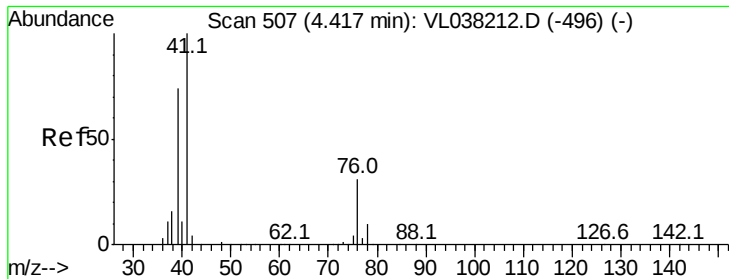
84 100

49 138.3 118.2 177.2

51 42.7 36.8 55.2

86 63.1 49.0 73.6



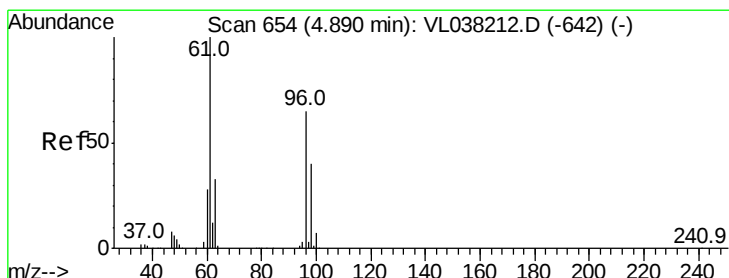
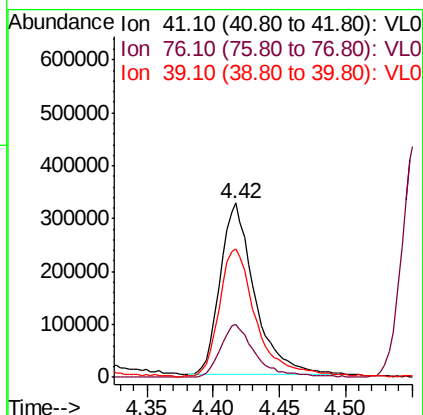
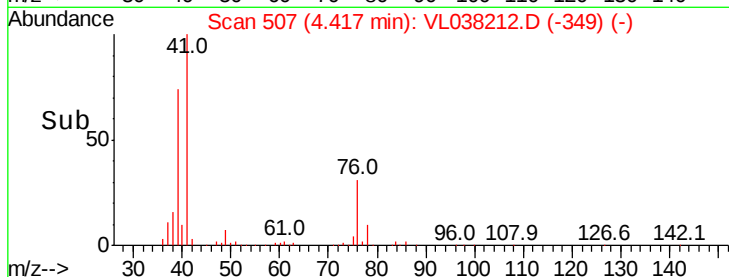
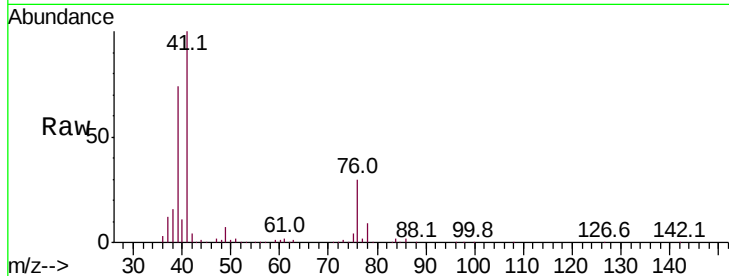


#21
Allvl Chloride
Concen: 9.589 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
41 100
76 31.
39 82.

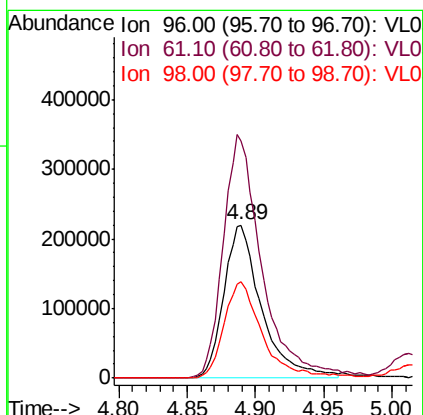
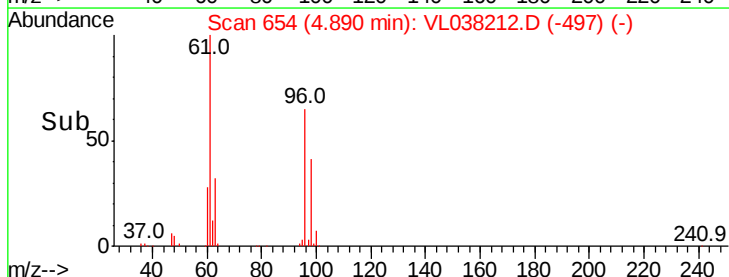
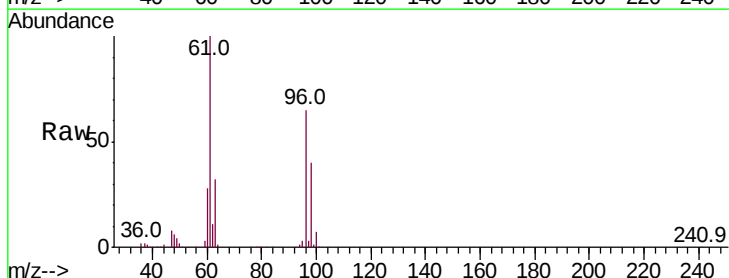
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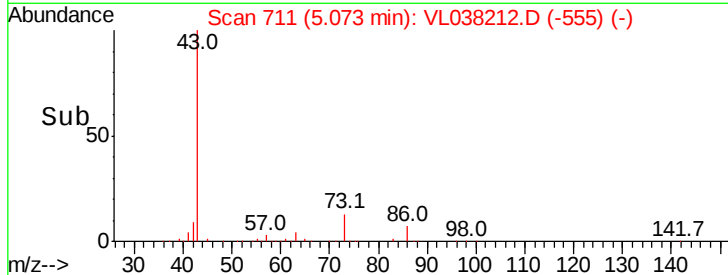
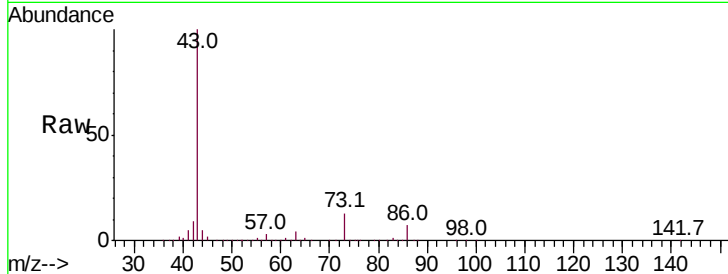
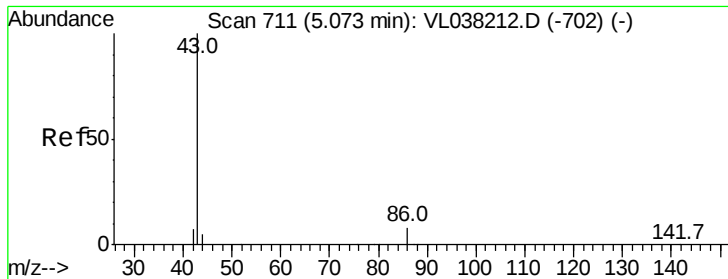
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#22
trans-1,2-Dichloroethene
Concen: 10.714 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 96 Resp: 424005
Ion Ratio Lower Upper
96 100
61 154.4 131.6 197.4
98 62.5 48.4 72.6





#23

Vinyl Acetate

Concen: 10.162 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

43 100

86 7.

42 8.

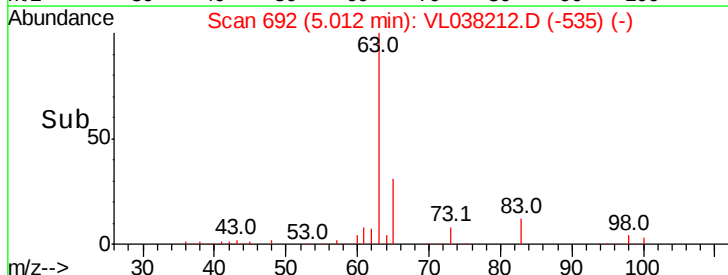
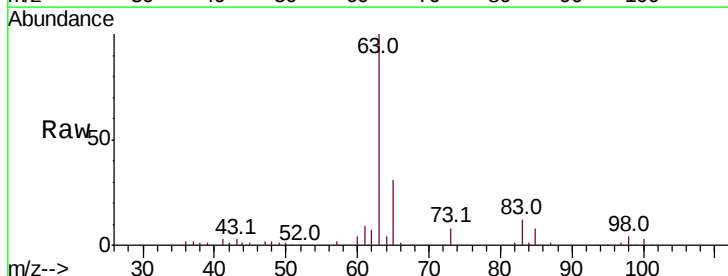
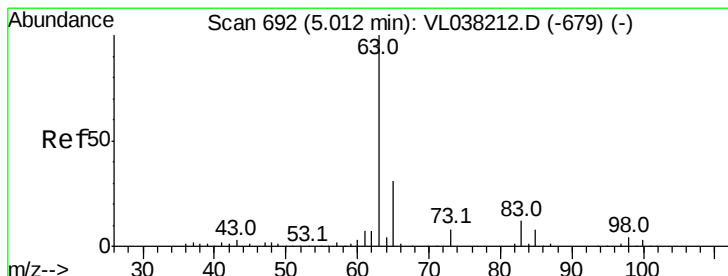
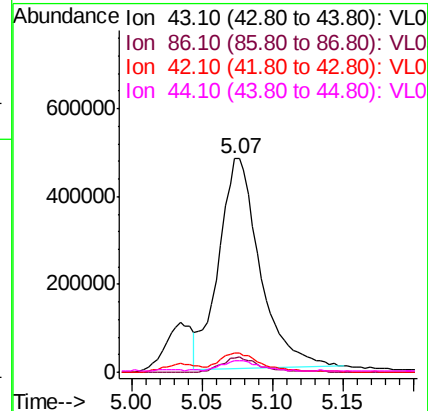
44 4.9

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#24

1,1-Dichloroethane

Concen: 10.321 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

Tgt Ion: 63 Resp: 826680

Ion Ratio Lower Upper

63 100

98 4.4

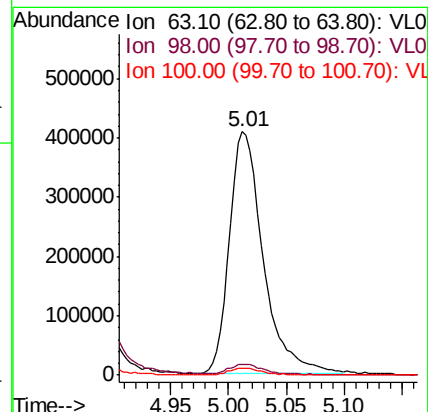
100 2.9

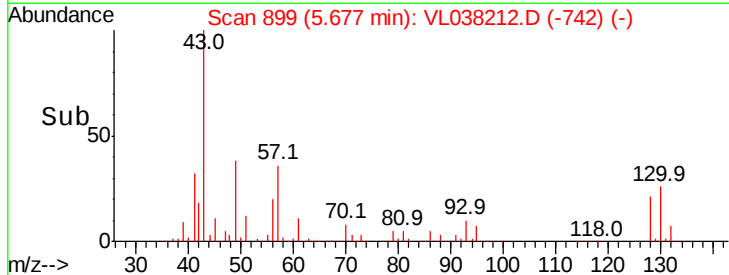
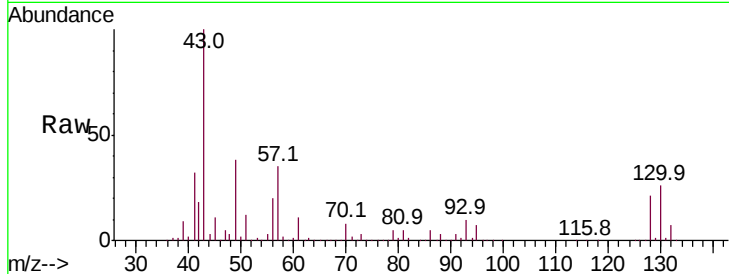
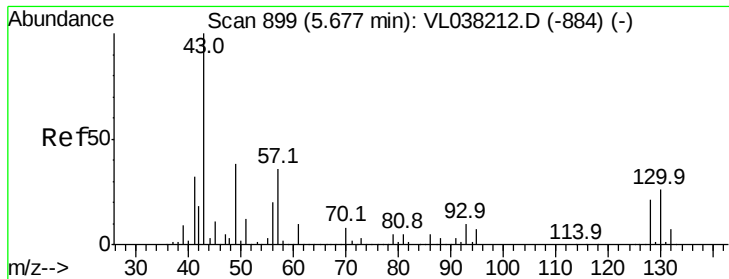
1.8

5.4

1.4

4.0



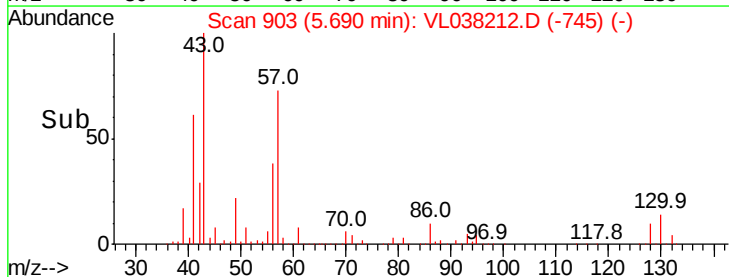
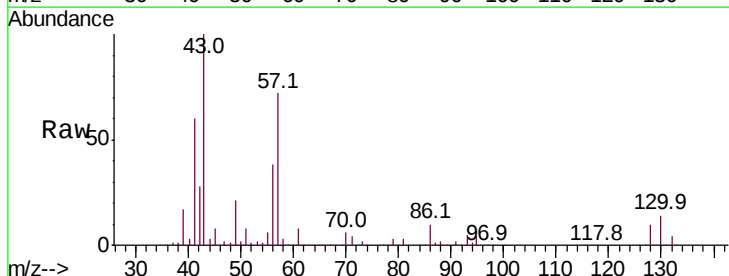
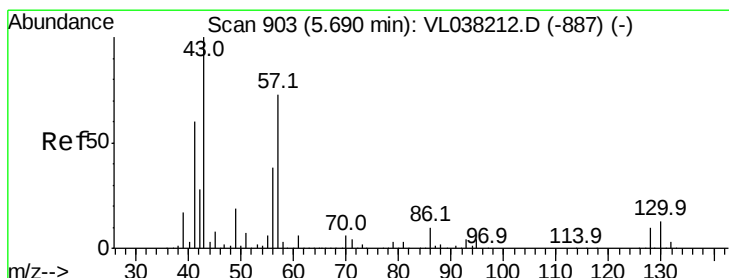
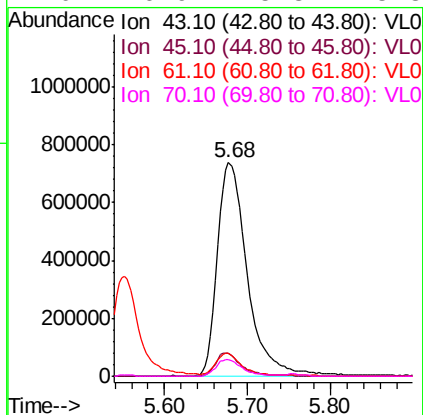


#25
Ethyl Acetate
Concen: 8.353 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
43 100
45 9.
61 10.
70 6.9 5.8 8.8

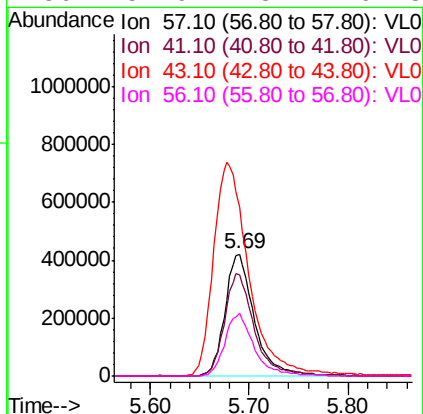
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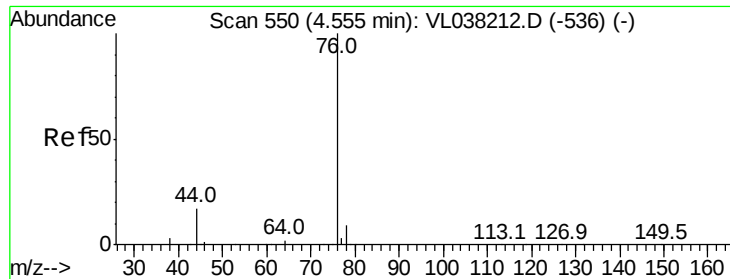
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 8.167 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 57 Resp: 869337
Ion Ratio Lower Upper
57 100
41 86.3 71.4 107.2
43 214.0 174.6 261.8
56 51.9 43.2 64.8



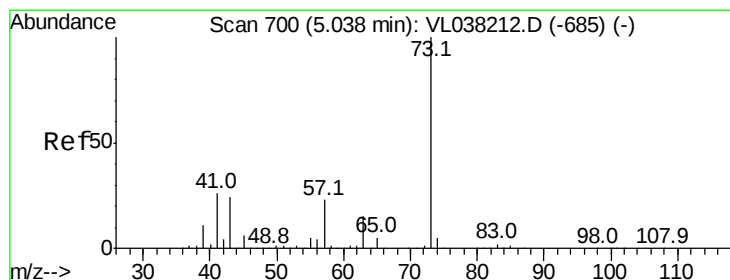
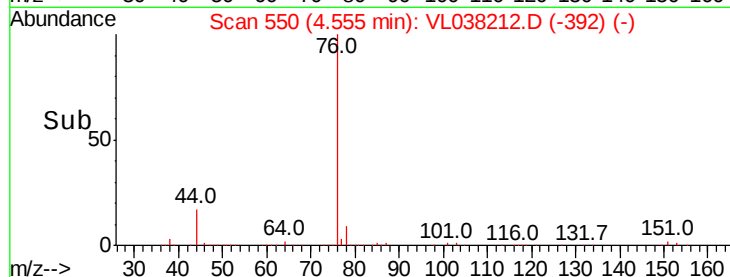
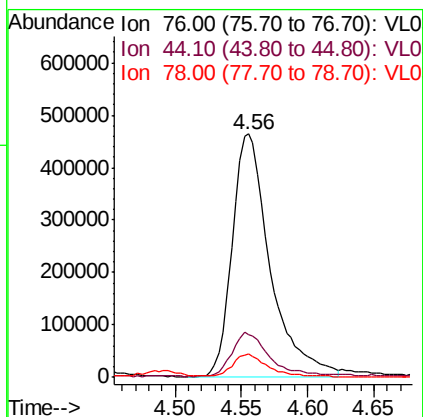
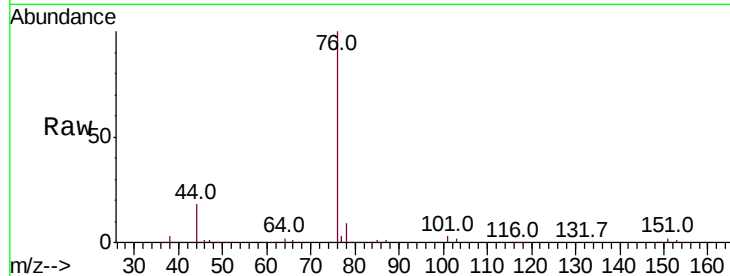


#27
Carbon Disulfide
Concen: 9.706 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
76 100
44 17.
78 9.

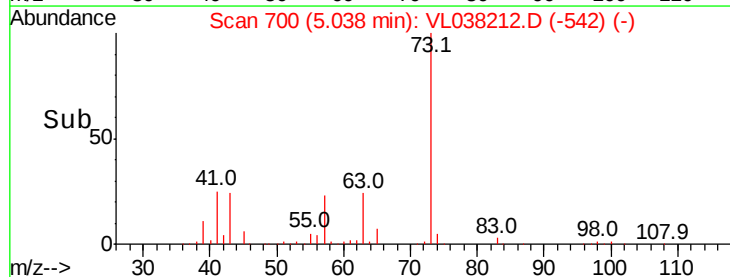
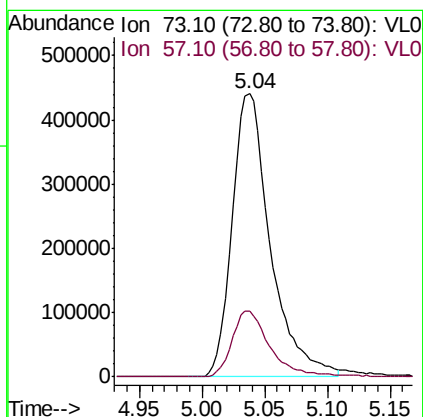
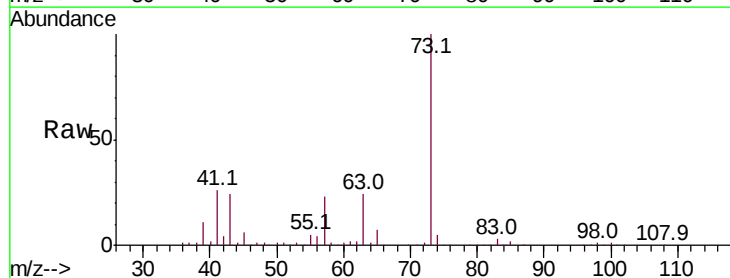
Manual Integrations
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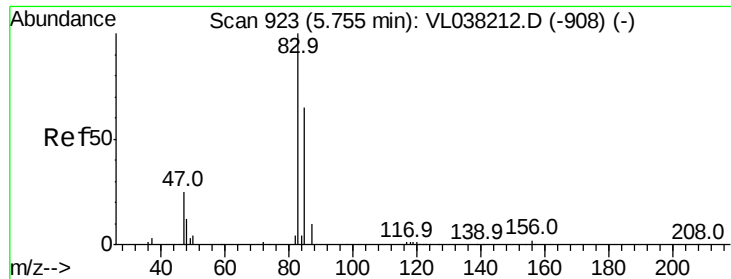
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#28
Methyl tert-Butyl Ether
Concen: 10.334 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 73 Resp: 934394
Ion Ratio Lower Upper
73 100
57 23.5 19.0 28.4



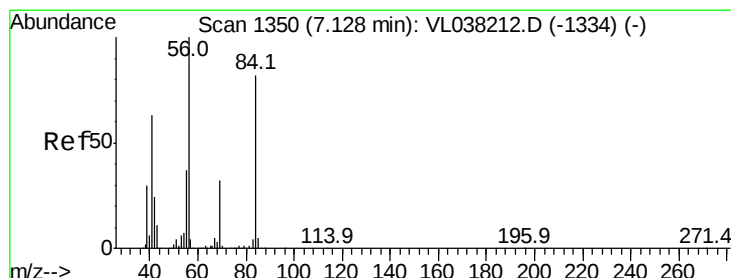
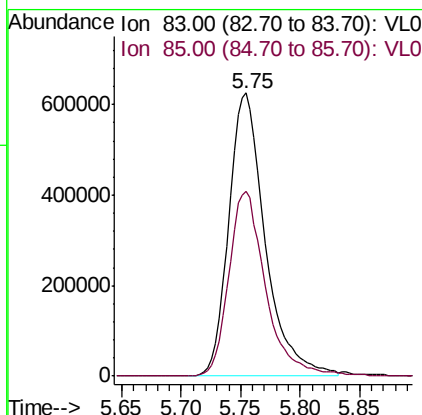
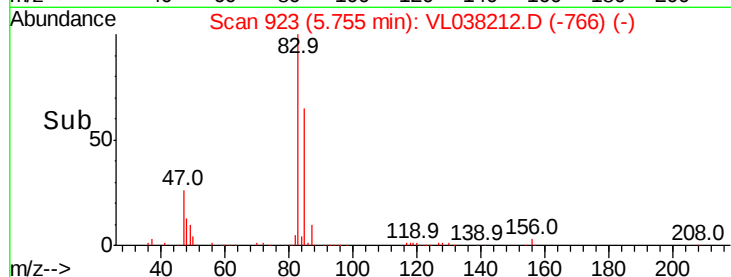
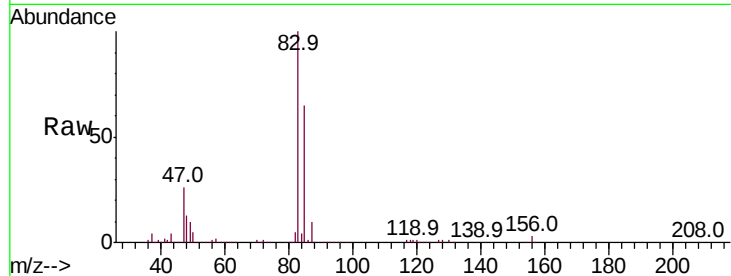


#29
Chloroform
Concen: 8.439 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
83 100
85 65.

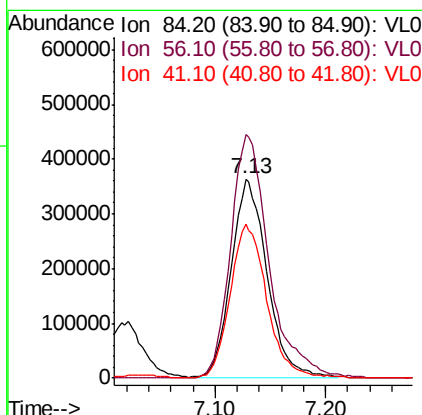
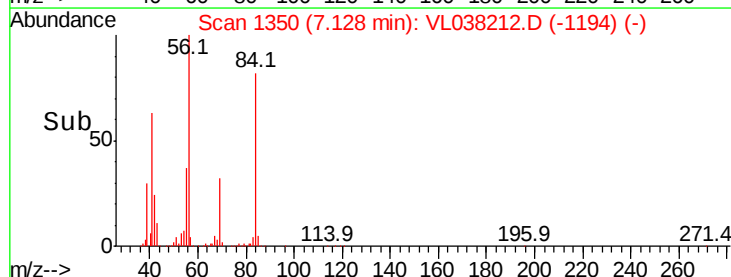
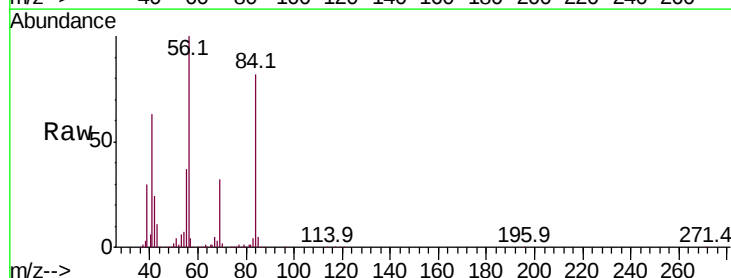
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APPROVED

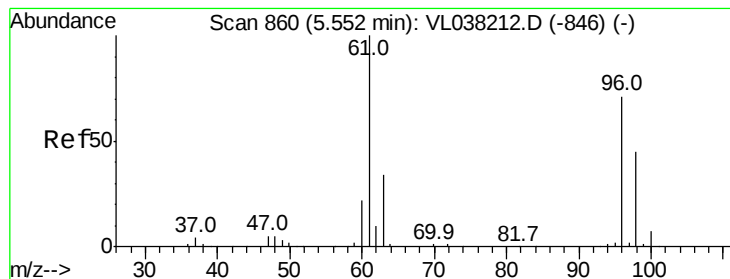
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 8.530 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 84 Resp: 824267
Ion Ratio Lower Upper
84 100
56 131.5 108.1 162.1
41 79.0 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 7.292 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

61 100

96 70.

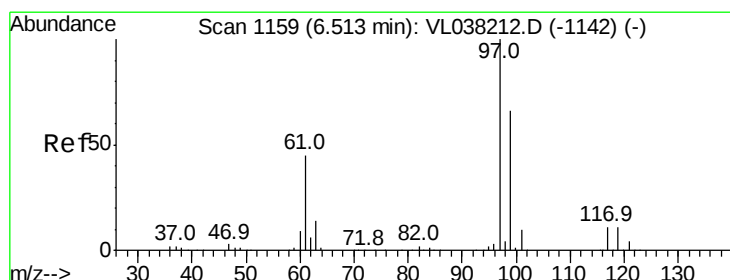
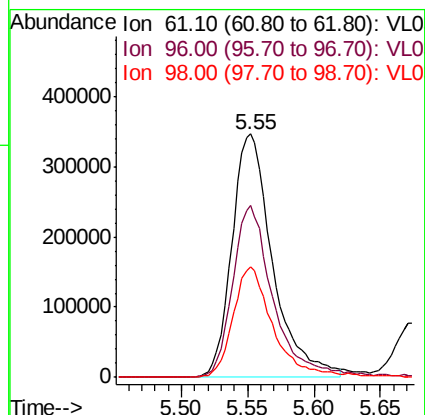
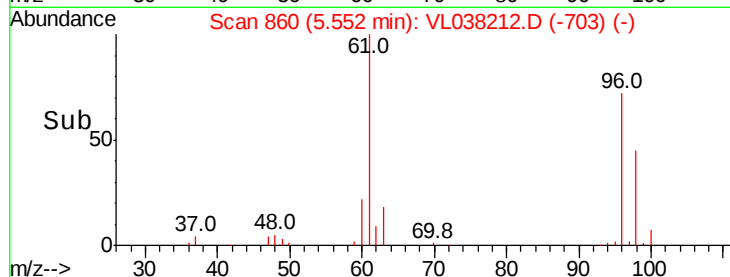
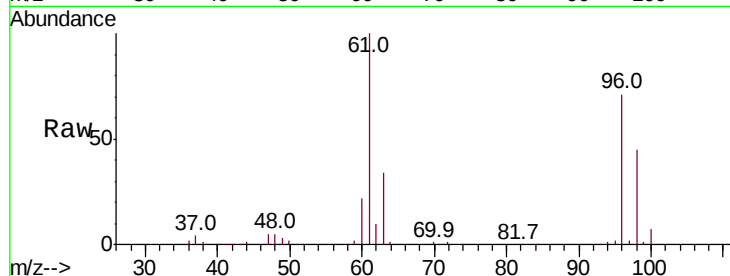
98 45.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#32

1,1,1-Trichloroethane

Concen: 8.661 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

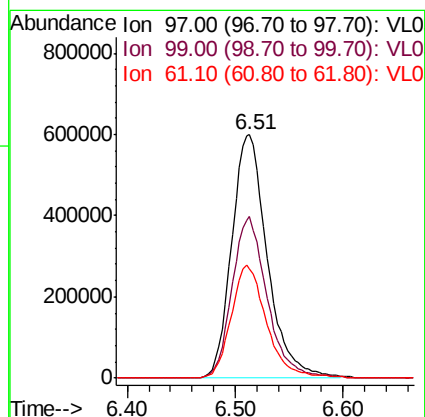
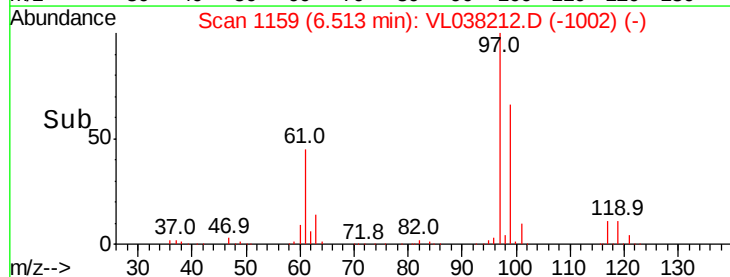
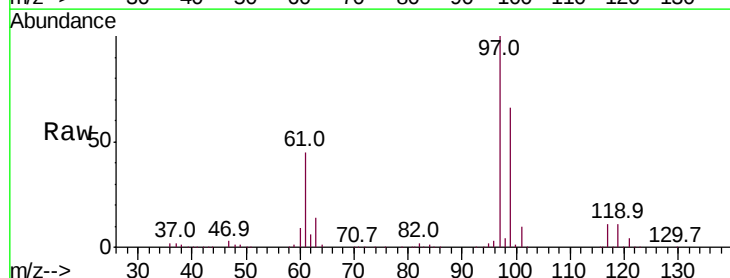
Tgt Ion: 97 Resp: 1378990

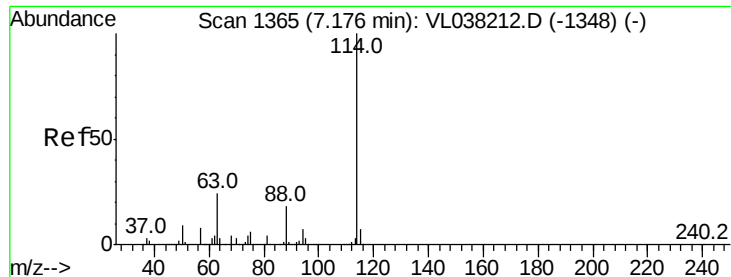
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.4

61 46.5 37.7 56.5



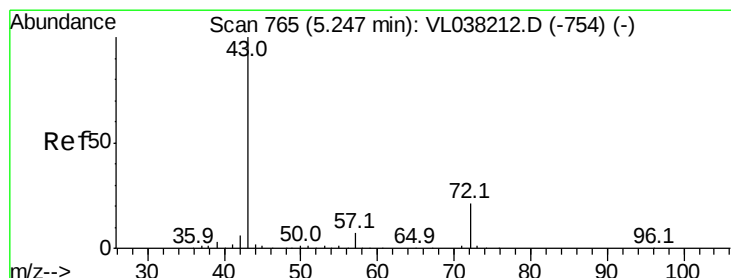
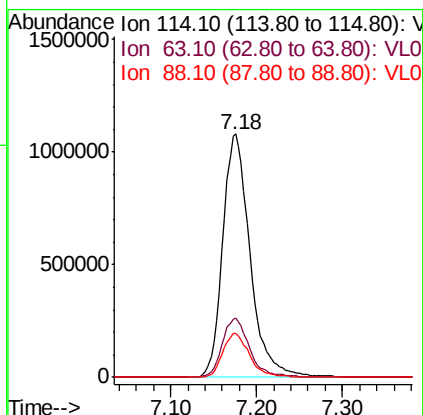
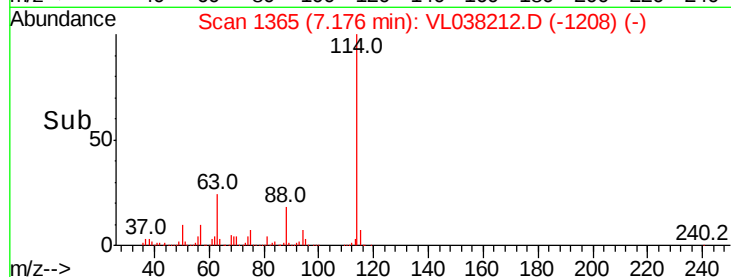
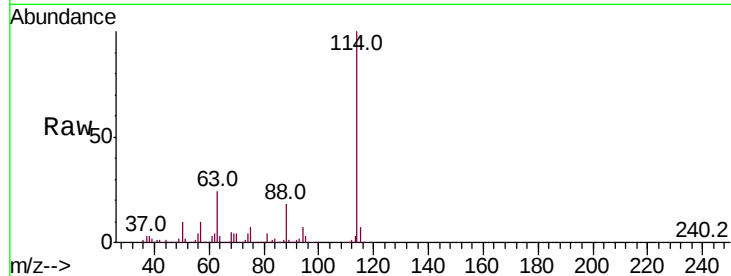


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 17.

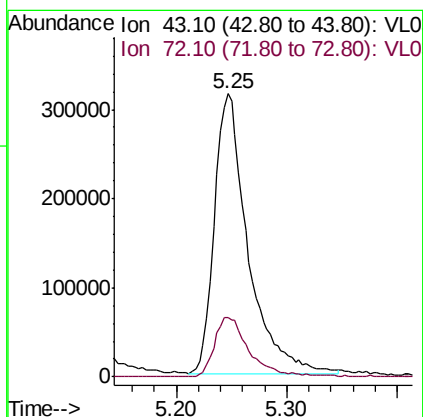
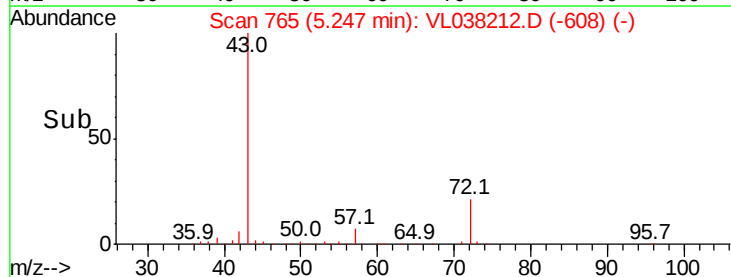
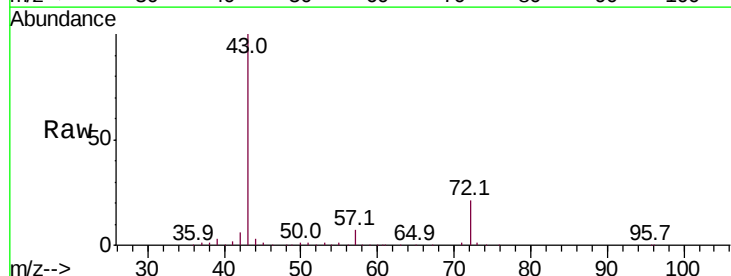
Manual Integrations
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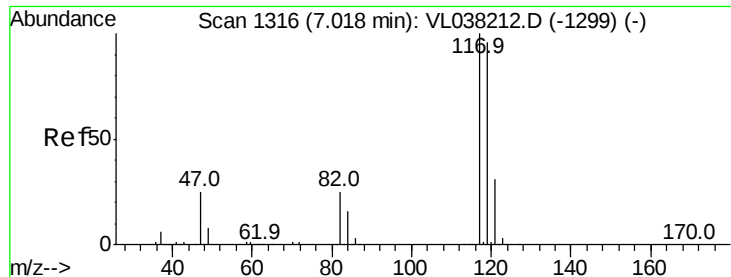
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#34
 2-Butanone
 Concen: 6.834 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion: 43 Resp: 658993
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.8 28.2



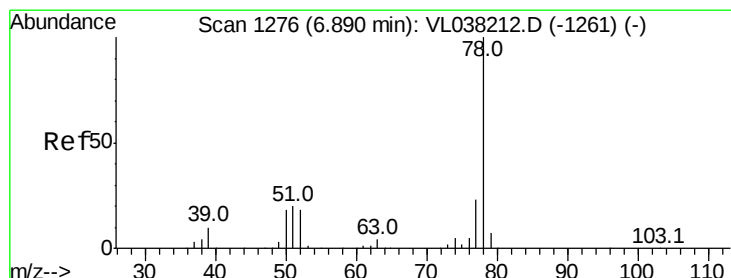
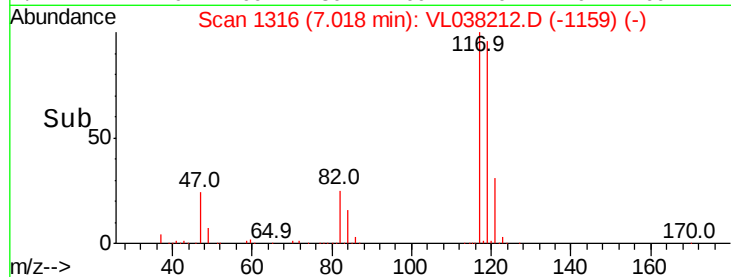
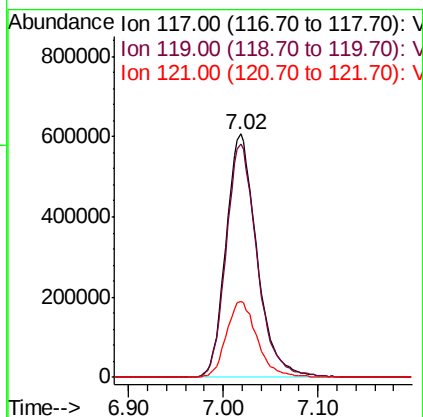
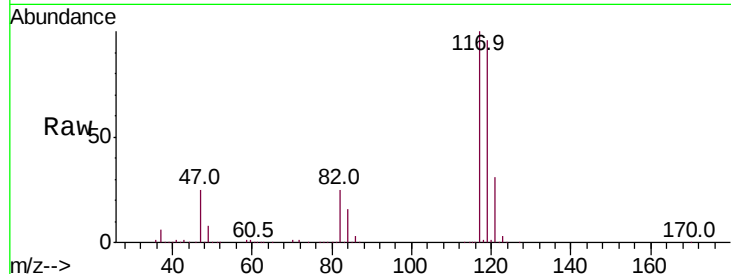


#35
Carbon Tetrachloride
Concen: 8.217 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VSTDICCC010
Acq: 21 Dec 2021 13:21

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

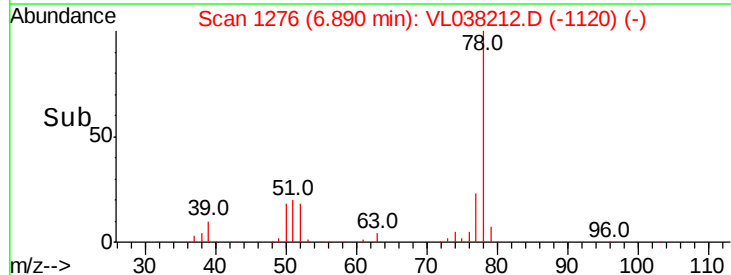
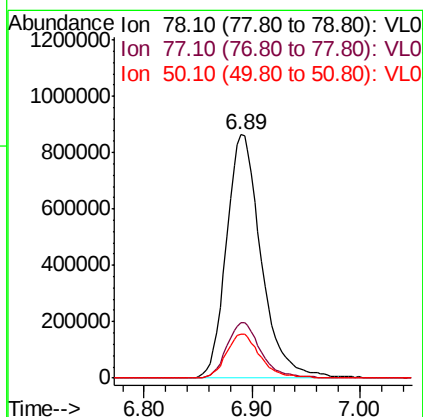
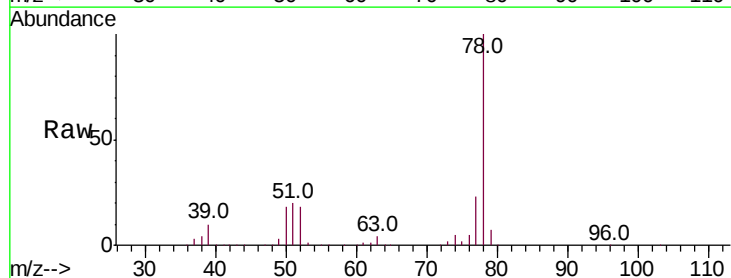
Manual Integrations
APPROVED

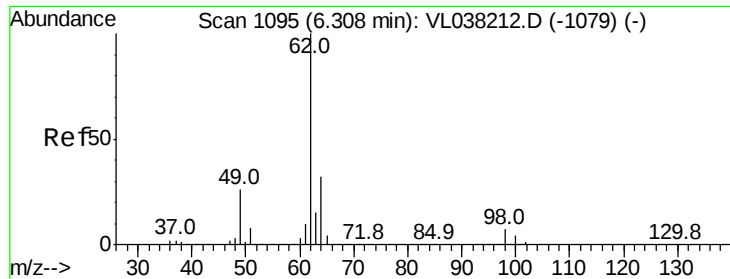
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#36
Benzene
Concen: 8.135 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 78 Resp: 1940628
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
50 17.9 14.7 22.1





#37

1,2-Dichloroethane

Concen: 8.757 ppbv

RT: 6.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

62 100

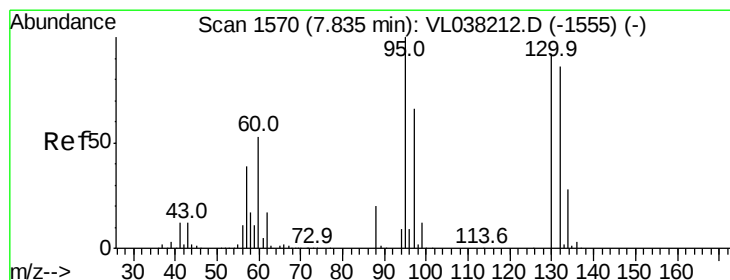
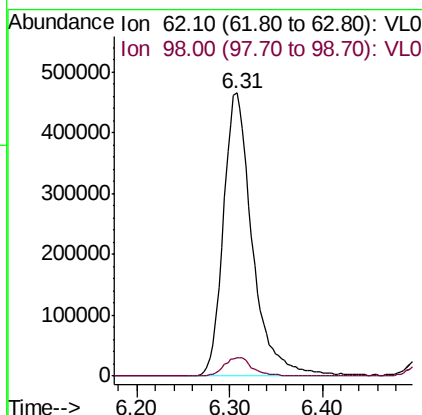
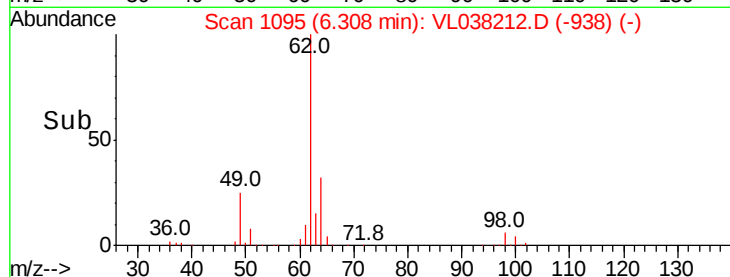
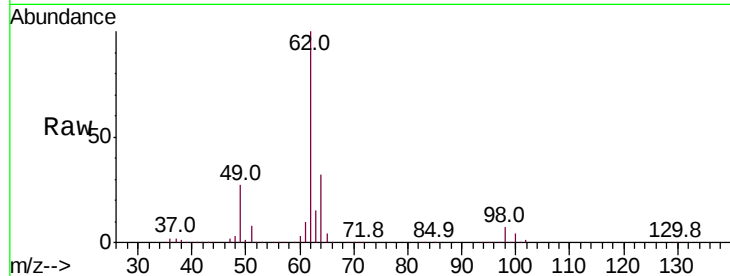
98 6.

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APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#38

Trichloroethene

Concen: 7.887 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

Tgt Ion:130 Resp: 709674

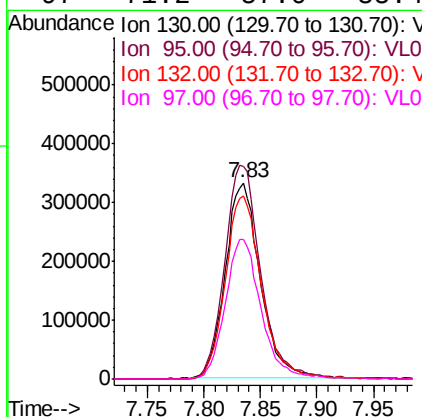
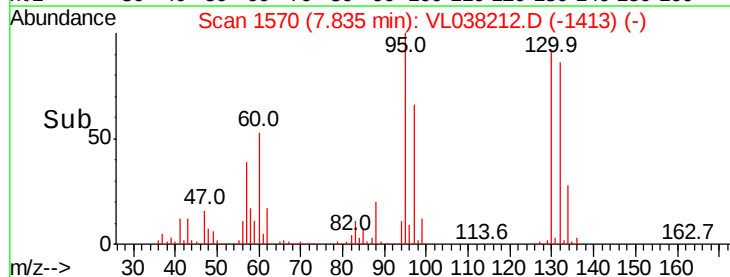
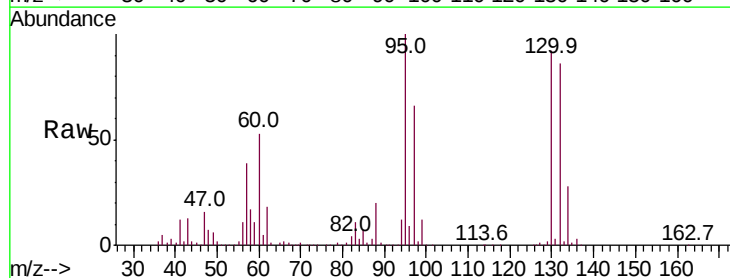
Ion Ratio Lower Upper

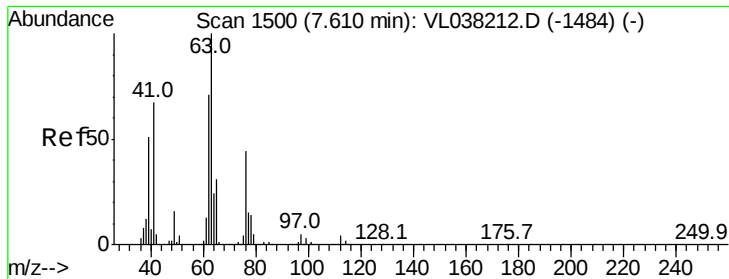
130 100

95 108.7 89.4 134.2

132 93.9 78.2 117.2

97 71.2 57.0 85.4





#39

1,2-Dichloropropane

Concen: 8.159 ppbv

RT: 7.61 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDICCC010

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

63 100

41 66.

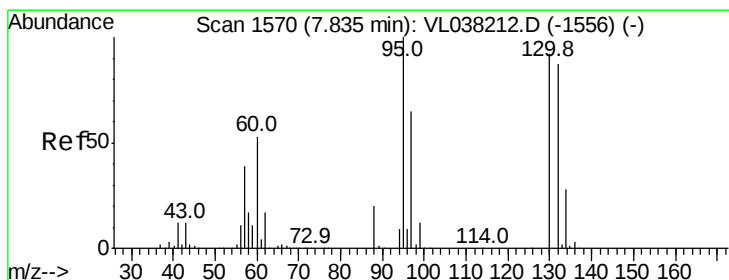
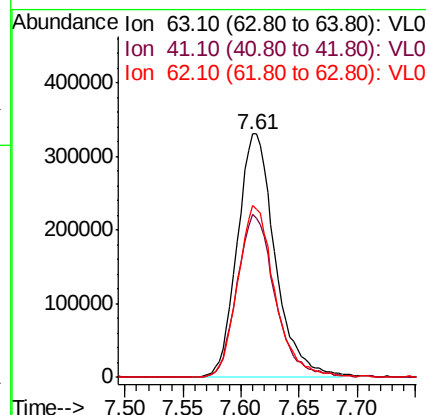
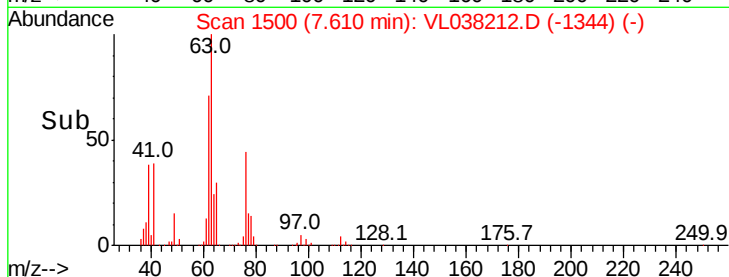
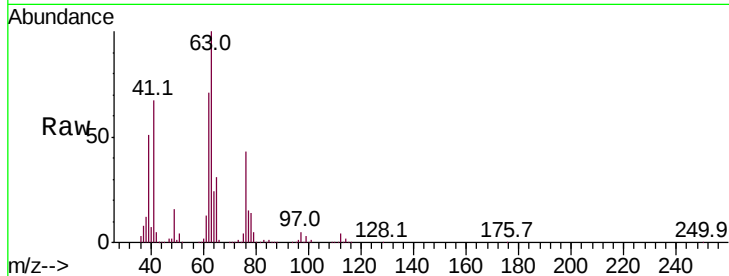
62 70.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#40

1,4-Dioxane

Concen: 7.620 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

Tgt Ion: 88 Resp: 181655

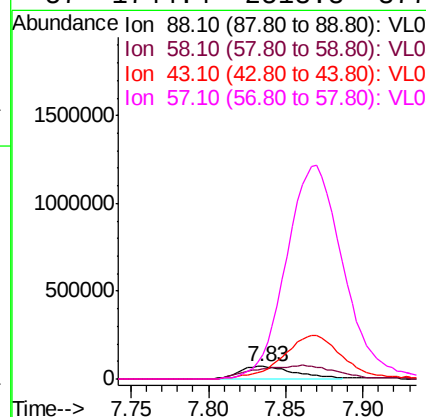
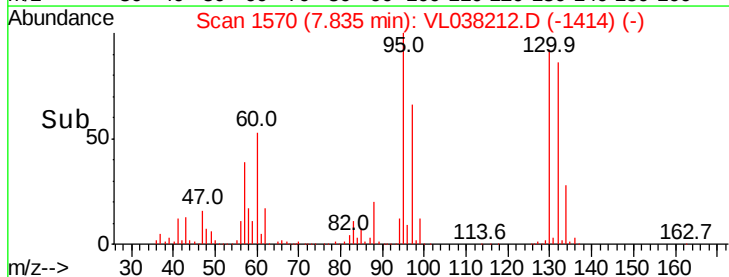
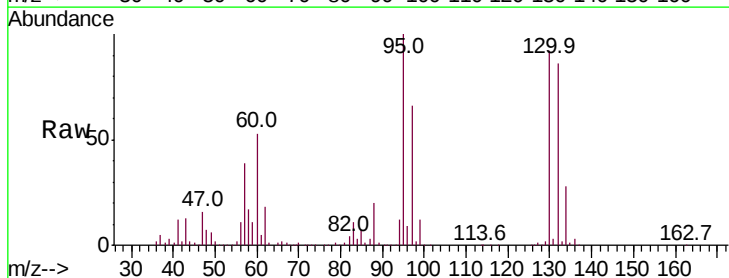
Ion Ratio Lower Upper

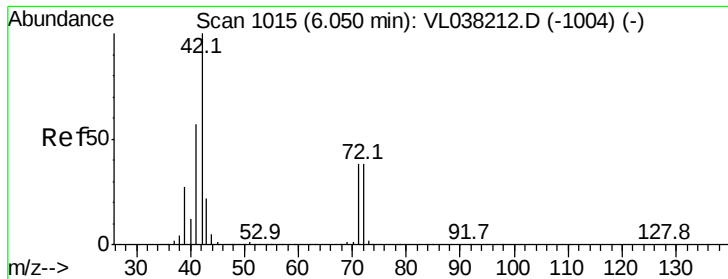
88 100

58 159.8 229.2 343.8#

43 376.3 553.3 829.9#

57 1744.4 2513.8 3770.8#



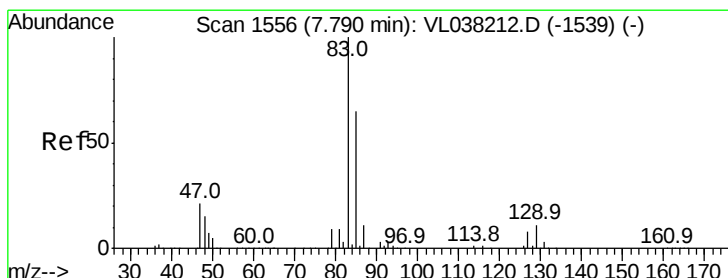
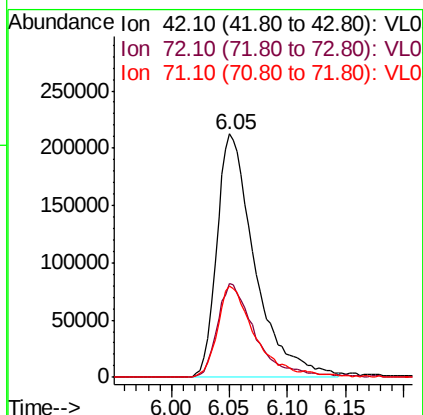
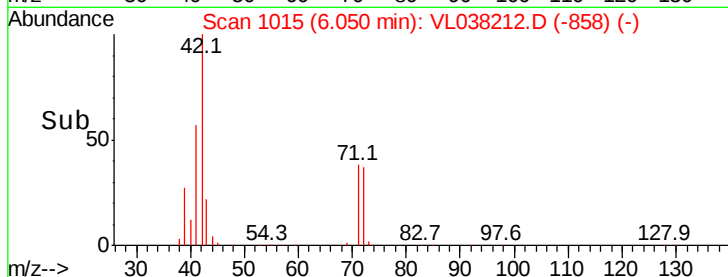
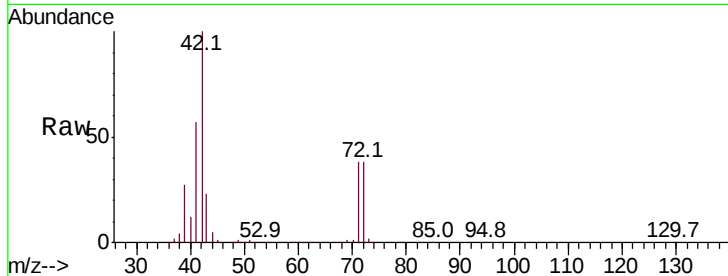


#41
Tetrahydrofuran
Concen: 8.039 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
42 100
72 39.
71 37.

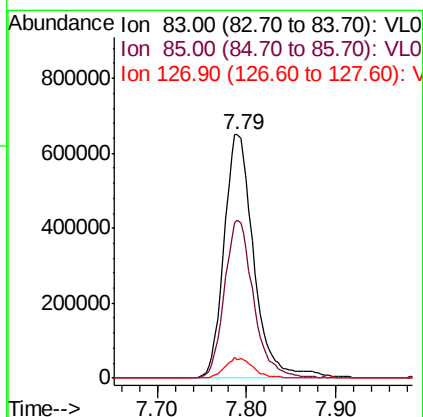
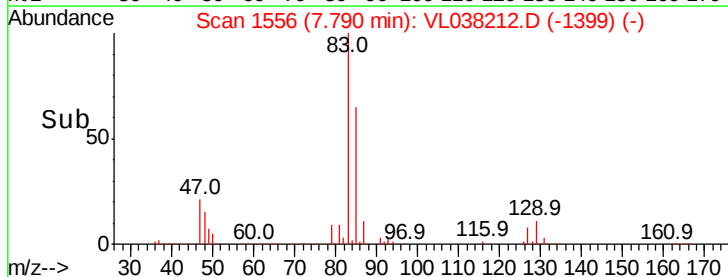
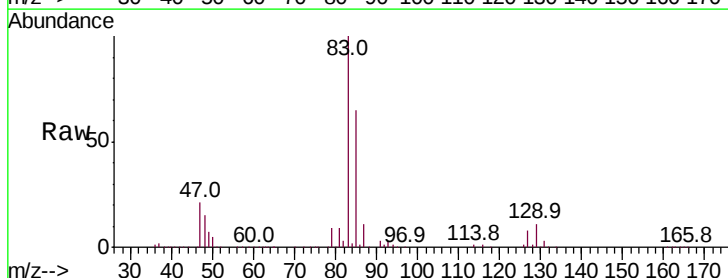
Manual Integrations
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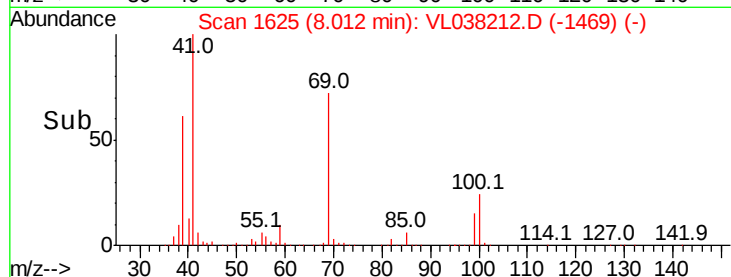
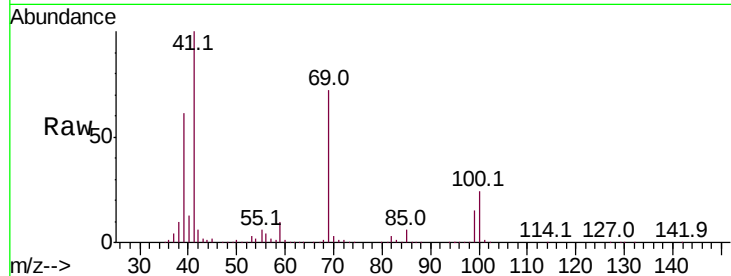
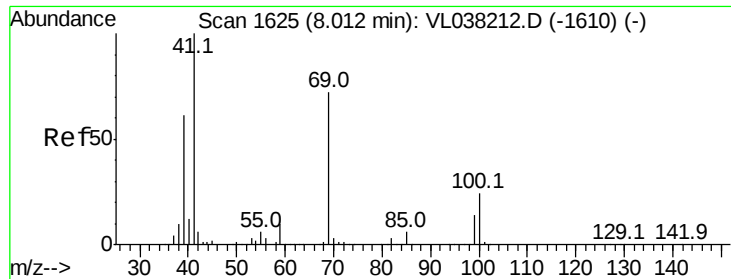
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#42
Bromodichloromethane
Concen: 8.582 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 83 Resp: 1503120
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 7.6 6.8 10.2





#43

Methyl Methacrylate

Concen: 8.734 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDICCC010

Acq: 21 Dec 2021 13:21

Tot Ion:

Ion Ratio

69 100

41 145.

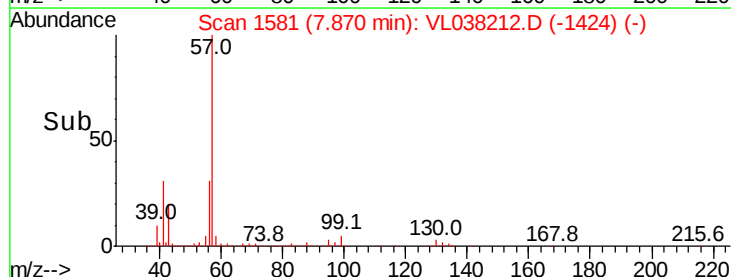
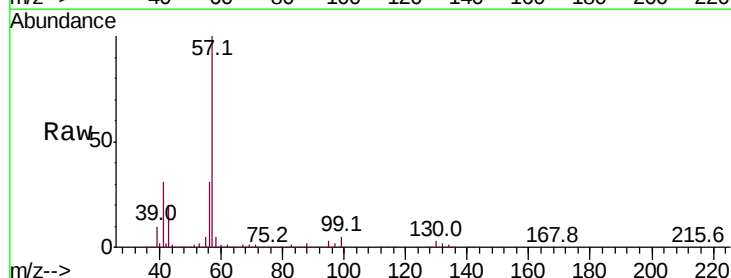
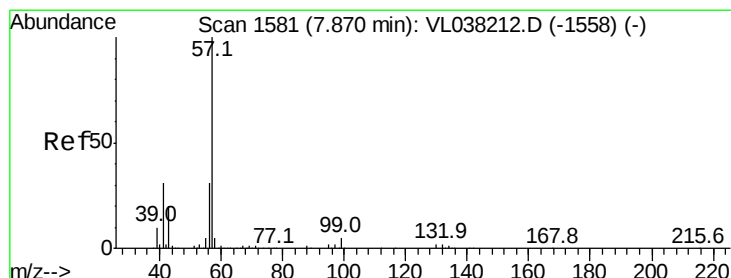
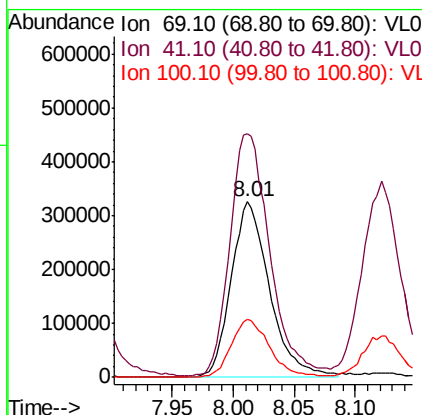
100 33.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#44

2,2,4-Trimethylpentane

Concen: 7.922 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

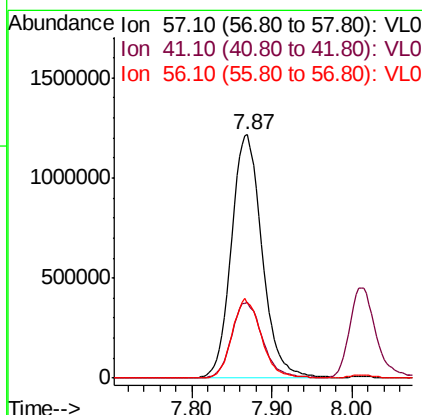
Tgt Ion: 57 Resp: 3161815

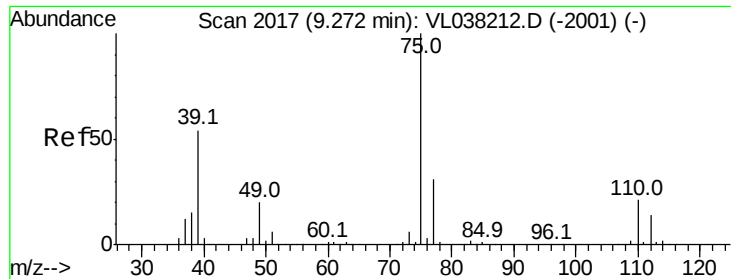
Ion Ratio Lower Upper

57 100

41 31.1 25.8 38.6

56 31.0 25.6 38.4



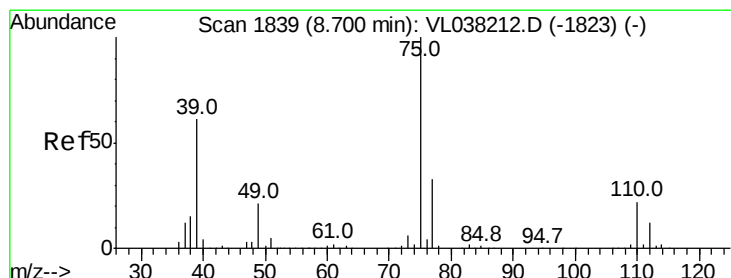
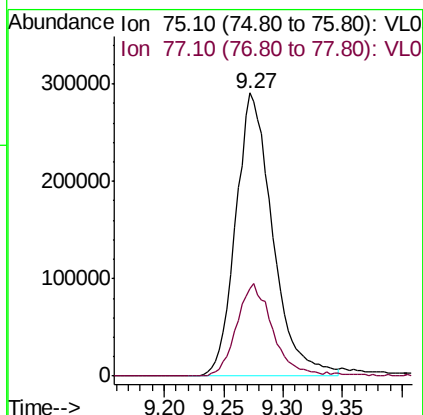
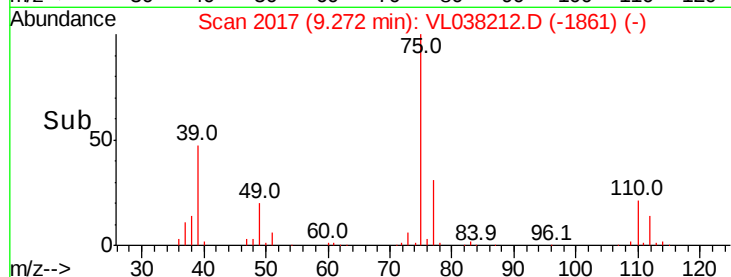
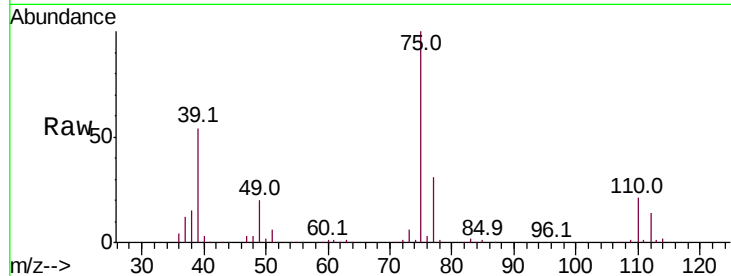


#45
t-1,3-Dichloropropene
Concen: 9.509 ppbv
RT: 9.27
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
75 100
77 30.

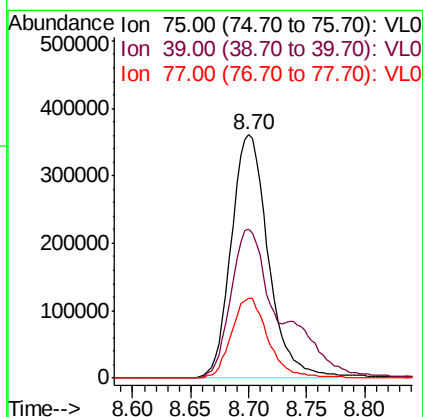
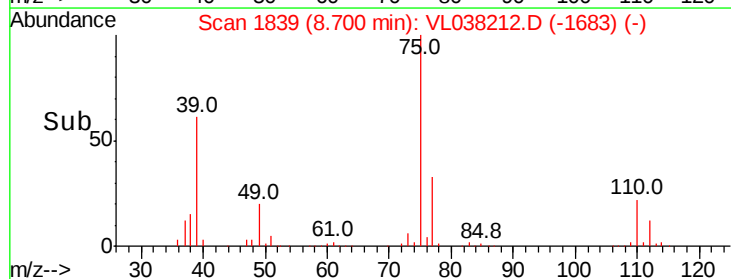
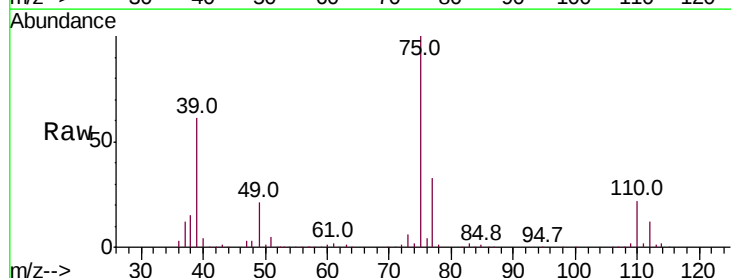
Manual Integrations
APPROVED

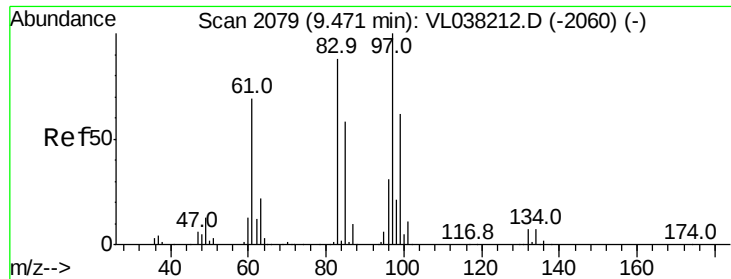
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#46
cis-1,3-Dichloropropene
Concen: 9.013 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 75 Resp: 798036
Ion Ratio Lower Upper
75 100
39 61.1 47.8 71.8
77 32.7 25.5 38.3



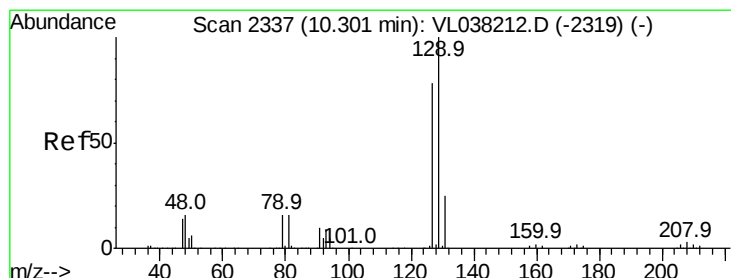
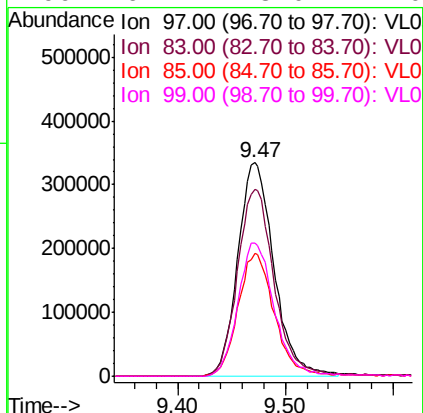
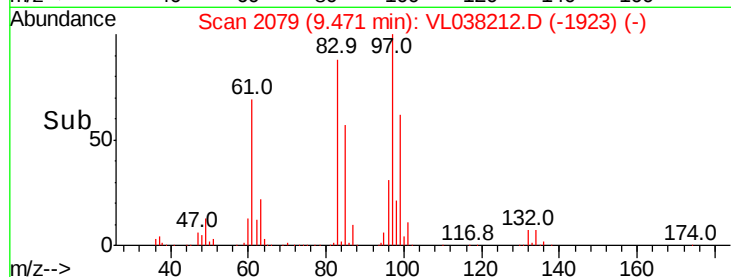
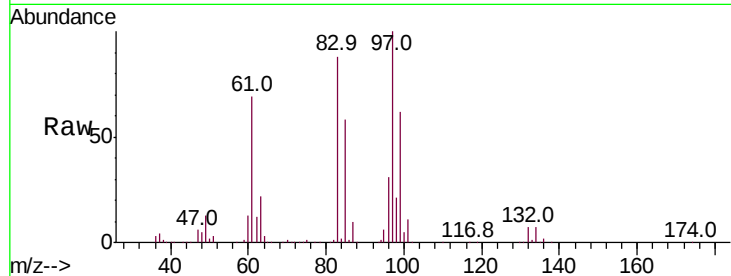


#47
 1,1,2-Trichloroethane
 Concen: 8.156 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 57.
 99 62.2 48.0 72.0

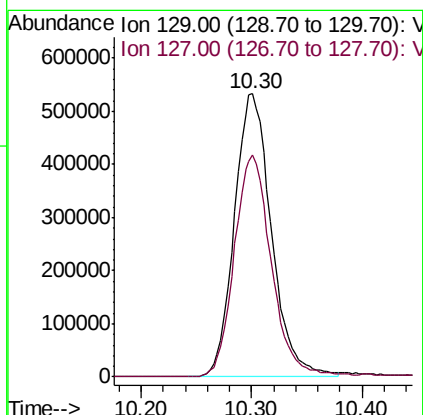
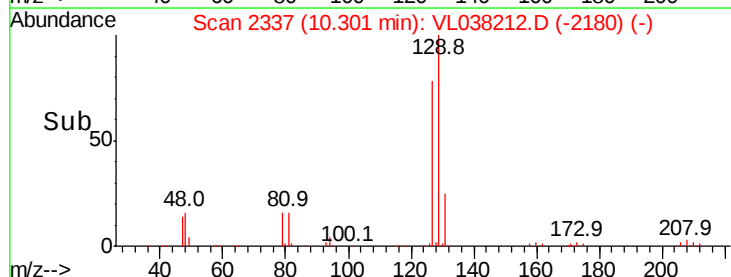
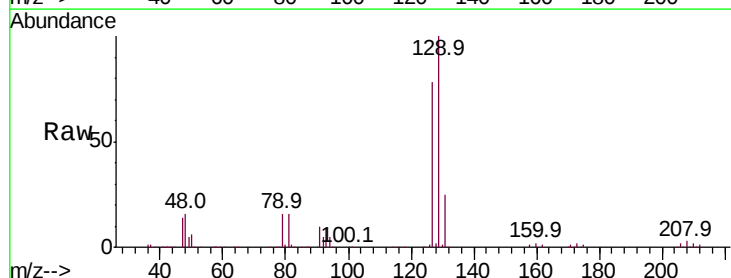
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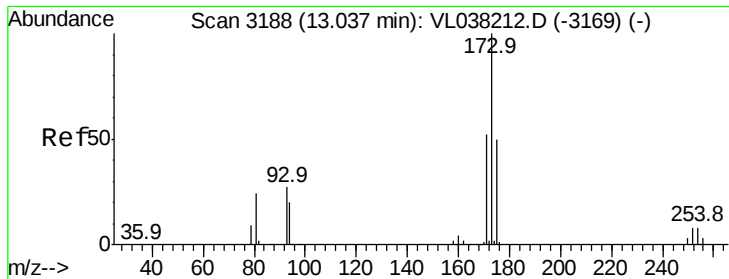
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#48
 Dibromochloromethane
 Concen: 8.502 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion:129 Resp: 1240818
 Ion Ratio Lower Upper
 129 100
 127 80.4 39.4 118.1





#49

Bromoform

Concen: 8.860 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 21 Dec 2021 13:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

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Reviewed By :Amit Patel 12/22/2021

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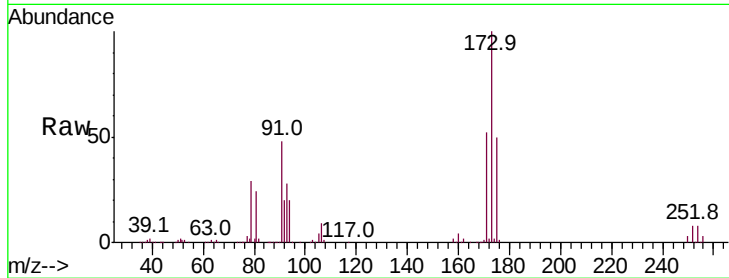
Tot Ion:1

Ion Rati

173 100

175 51.

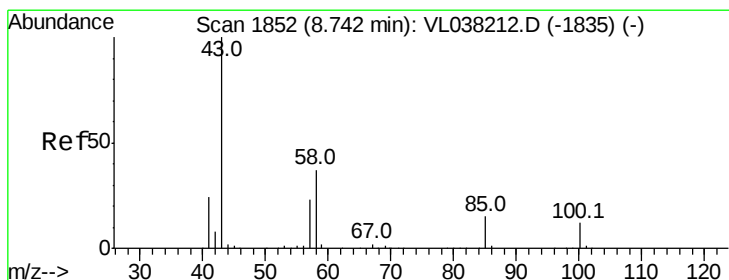
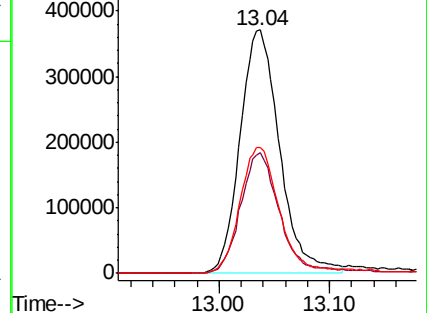
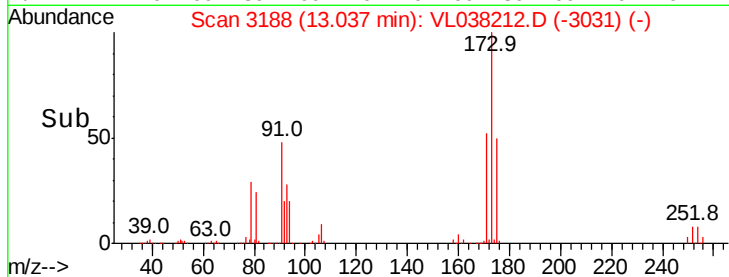
171 54.



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: 8.467 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VL038212.D

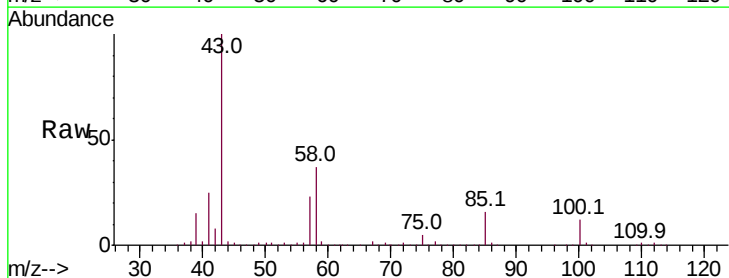
Acq: 21 Dec 2021 13:21

Tgt Ion: 43 Resp: 1239992

Ion Ratio Lower Upper

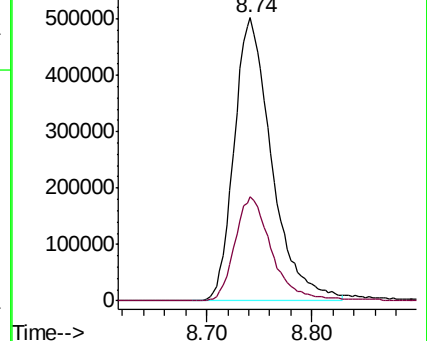
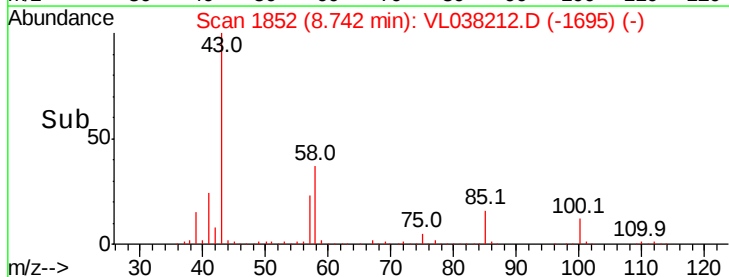
43 100

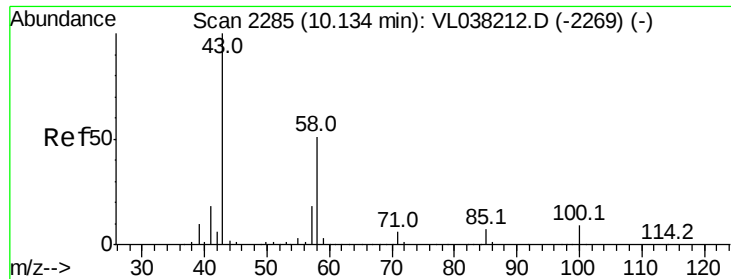
58 36.8 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



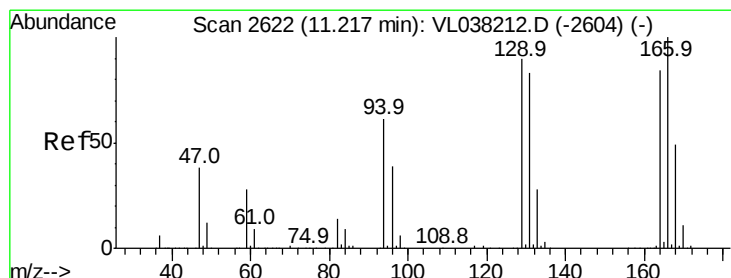
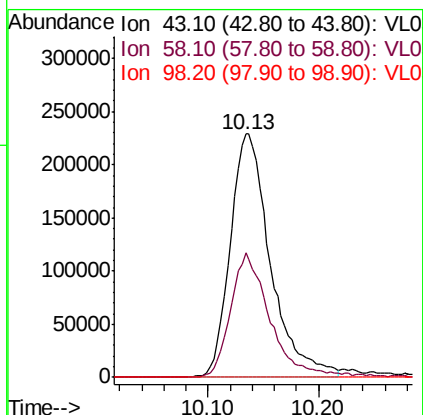
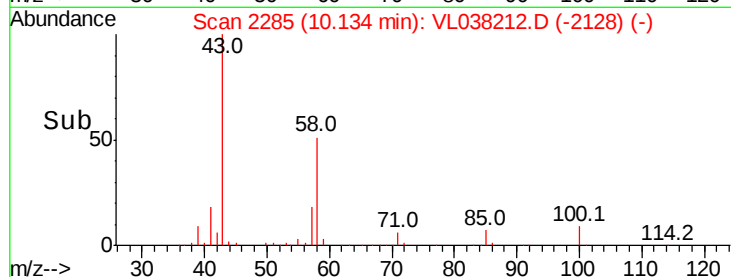
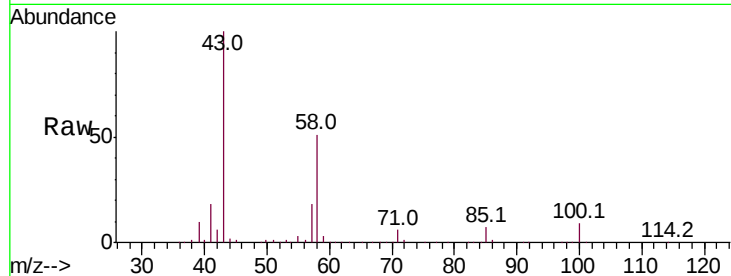


#51
2-Hexanone
Concen: 8.367 ppbv
RT: 10.13 min
Delta R.T.: 0.00 min
Lab File: VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion:
Ion Ratio
43 100
58 51.1
98 0.

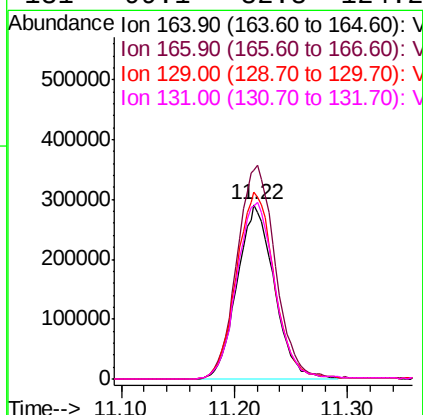
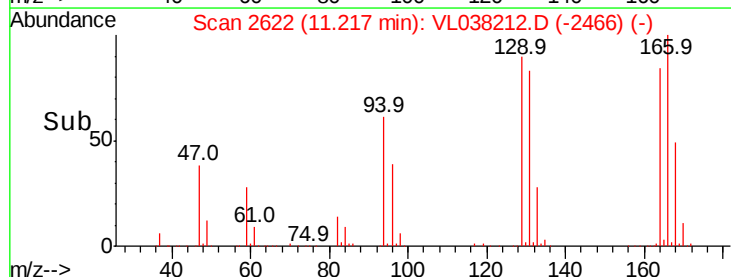
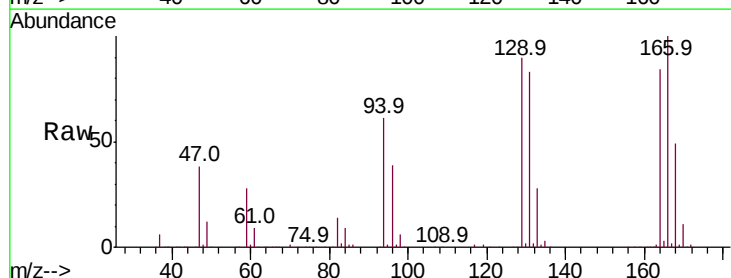
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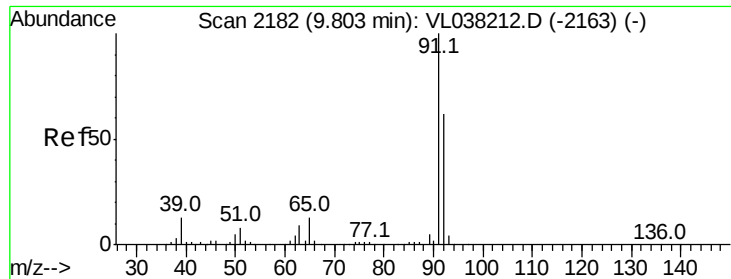
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#52
Tetrachloroethene
Concen: 7.496 ppbv
RT: 11.22 min Scan# 2622
Delta R.T.: 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion:164 Resp: 661636
Ion Ratio Lower Upper
164 100
166 119.5 97.2 145.8
129 107.3 86.9 130.3
131 99.1 82.8 124.2





#53

Toluene

Concen: 8.153 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

91 100

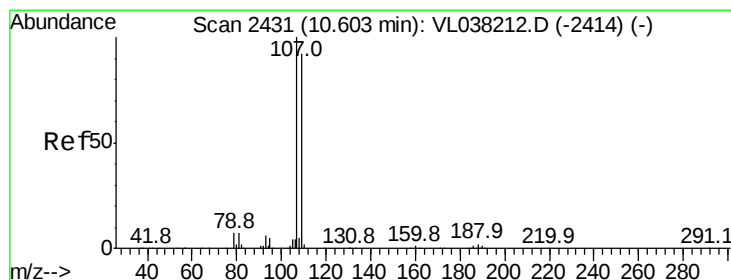
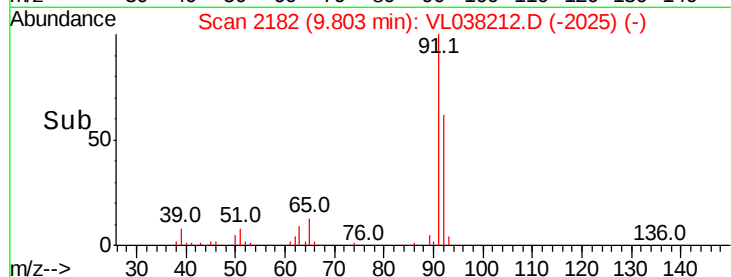
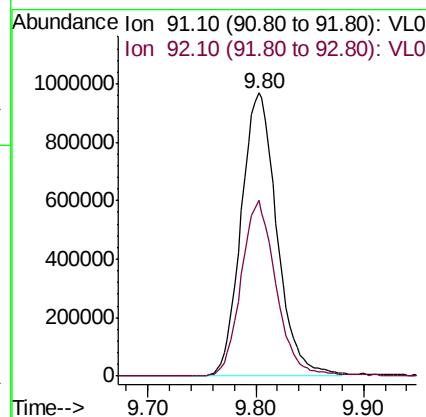
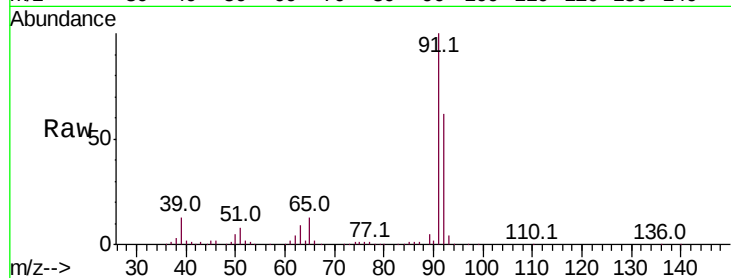
92 61.

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 8.446 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038212.D

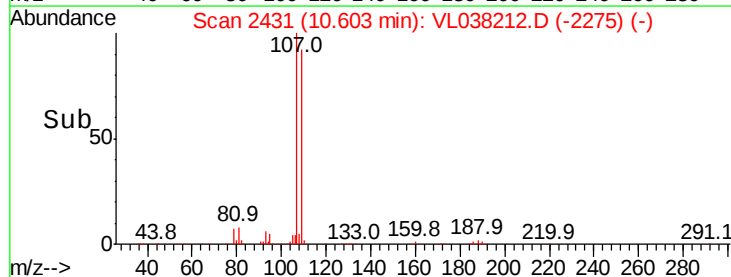
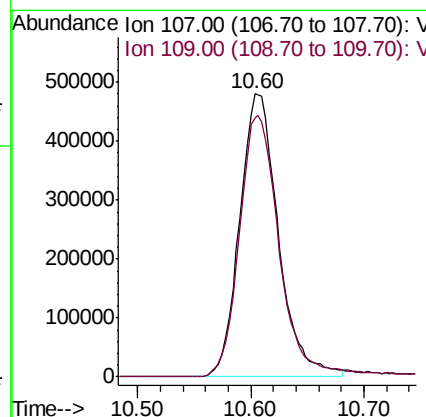
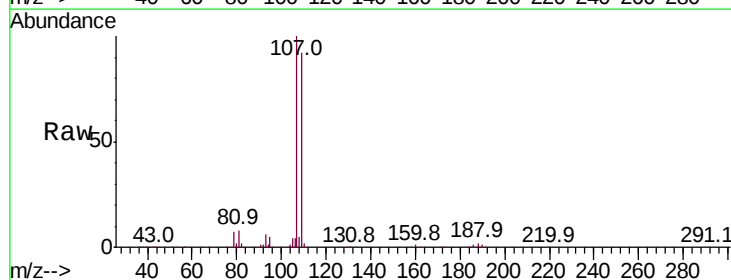
Acq: 21 Dec 2021 13:21

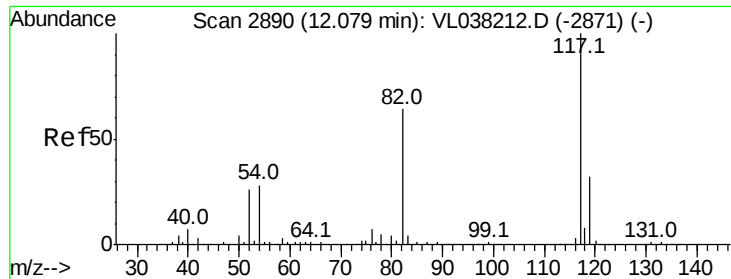
Tgt Ion:107 Resp: 1143399

Ion Ratio Lower Upper

107 100

109 91.6 74.6 111.8



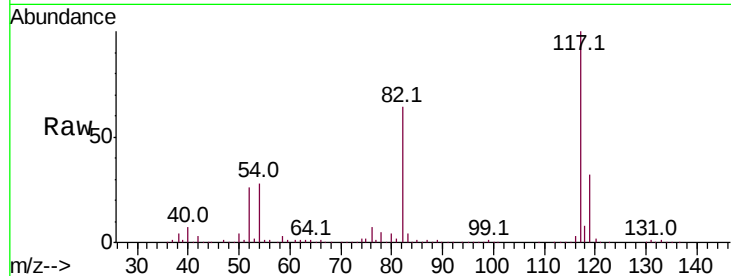


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 21 Dec 2021 13:21

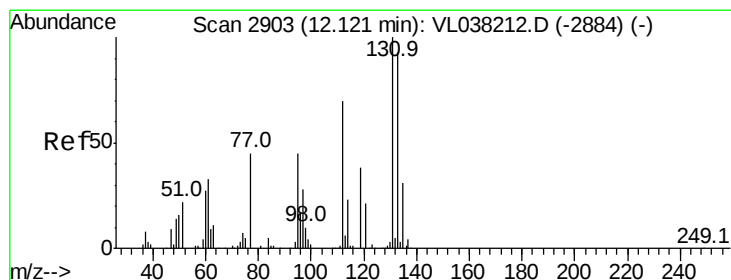
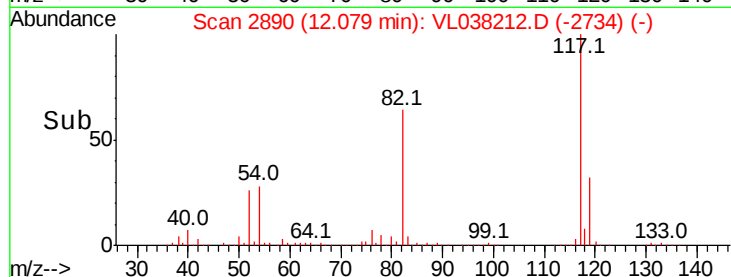
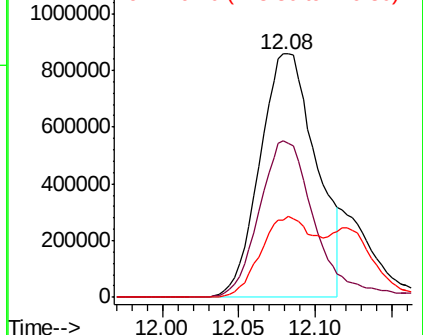
Tot Ion:1
Ion Rati
117 100
82 66.
119 31.

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

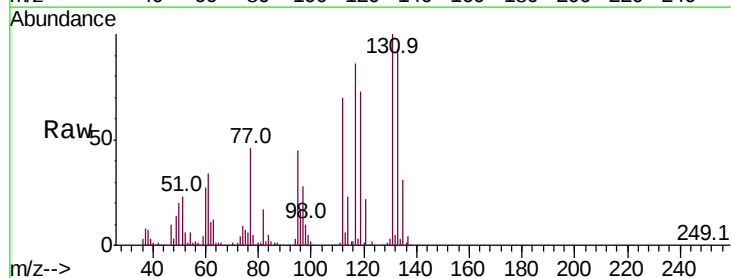


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

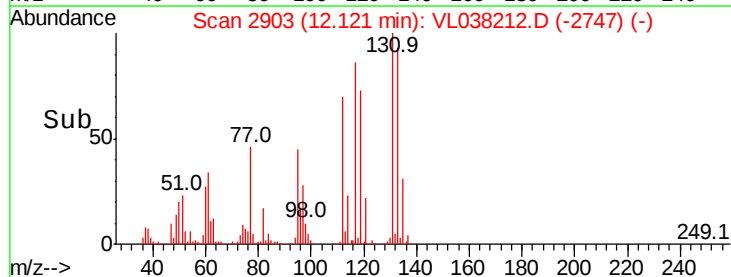
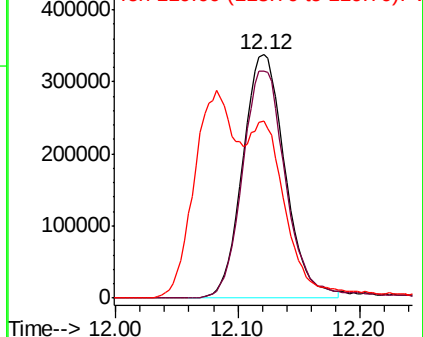


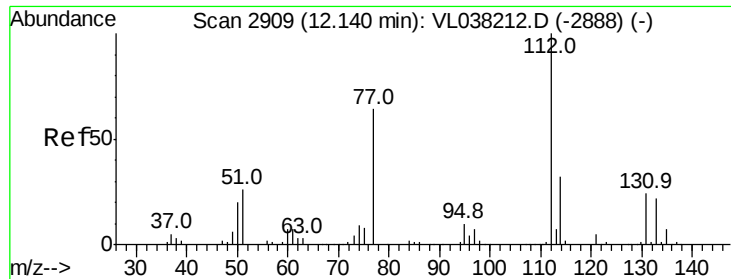
#56
1,1,1,2-Tetrachloroethane
Concen: 8.103 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion:131 Resp: 808716
Ion Ratio Lower Upper
131 100
133 97.0 78.8 118.2
119 156.0 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



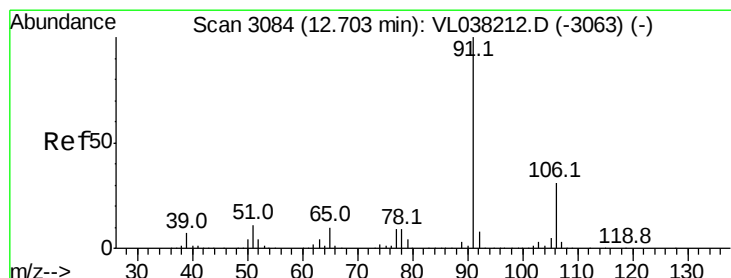
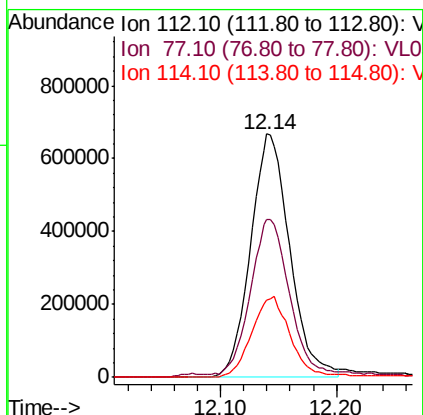
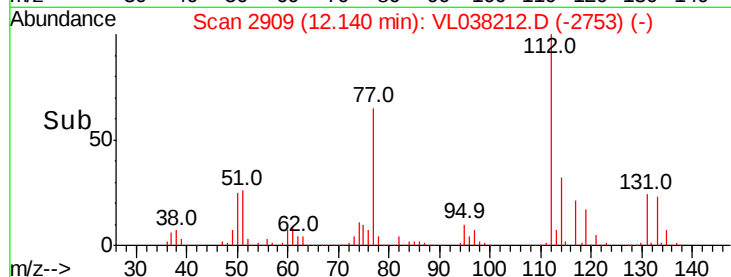
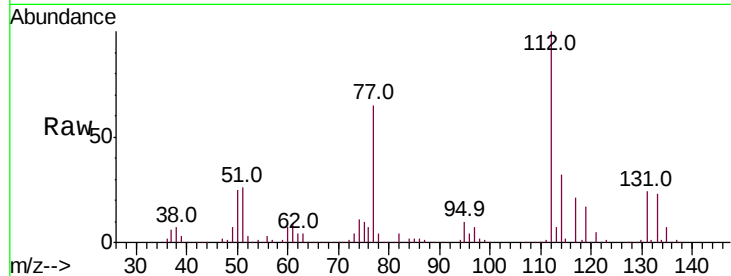


#57
Chlorobenzene
Concen: 7.942 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 31.

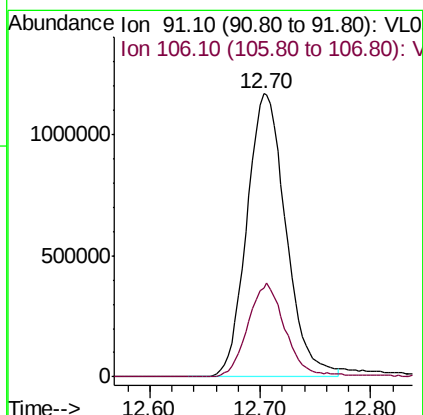
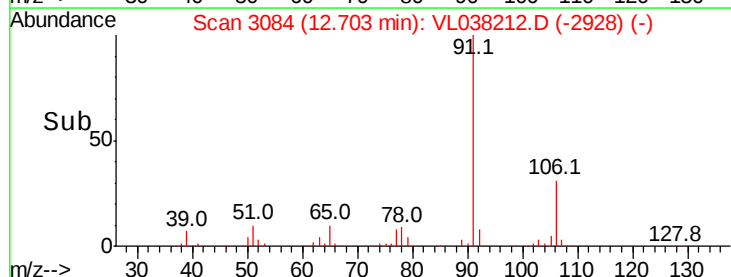
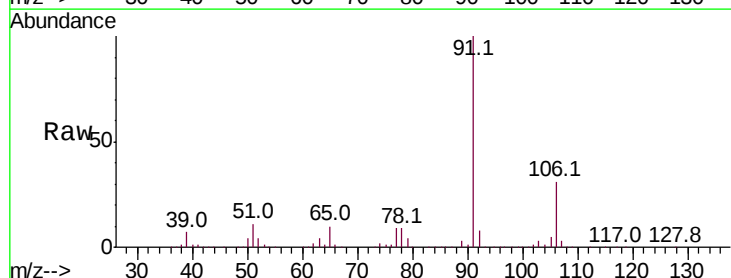
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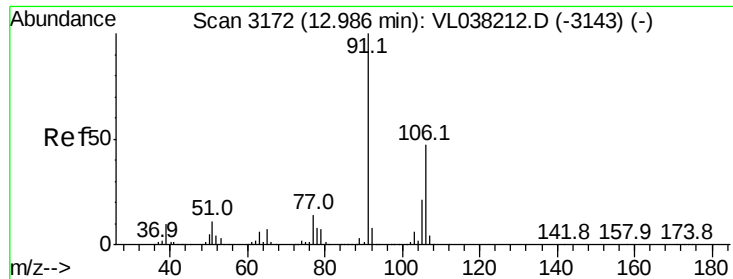
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#58
Ethyl Benzene
Concen: 7.901 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 91 Resp: 2871221
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6



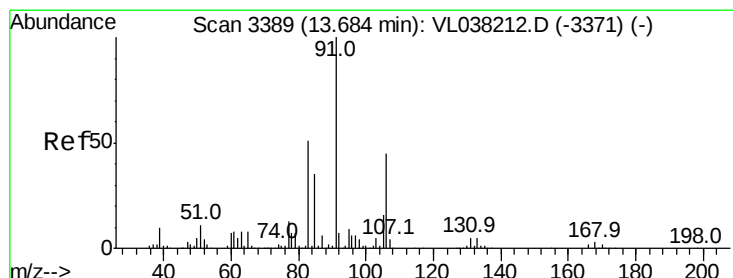
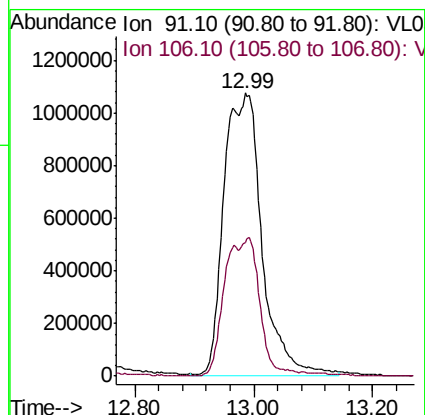
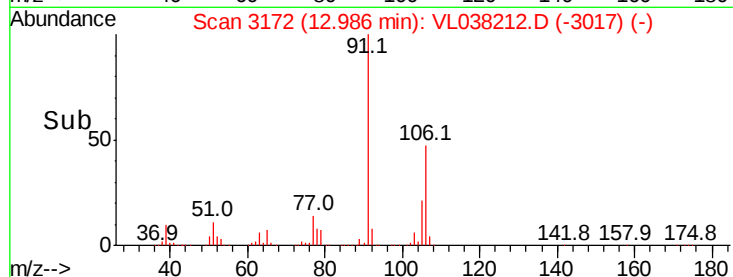
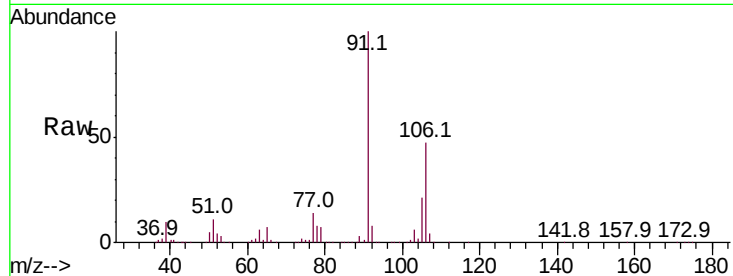


#59
m/p-Xylene
Concen: 15.828 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 13:21
VSTDICCC010

Tot Ion:
Ion Ratio
91 100
106 46.

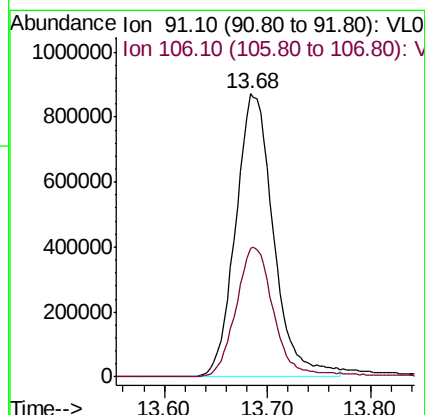
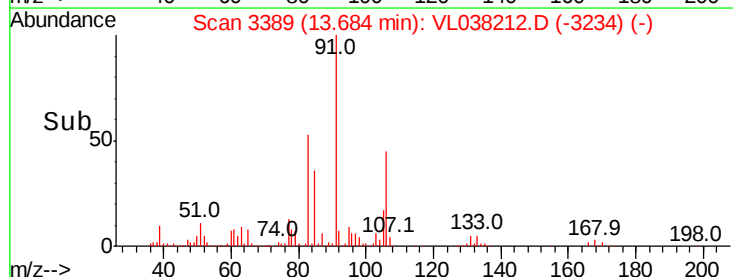
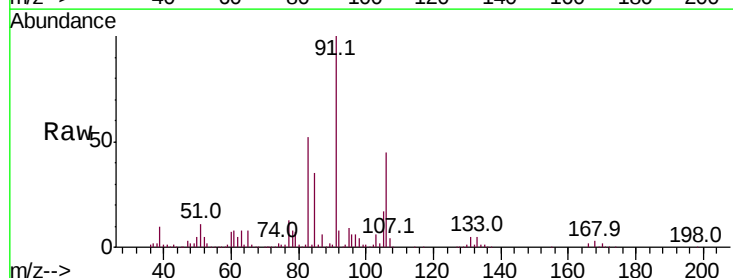
Manual Integrations
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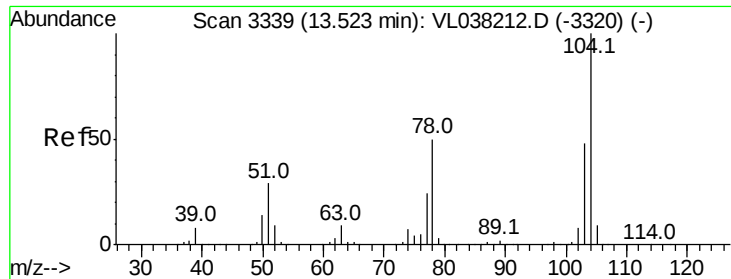
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#60
o-Xylene
Concen: 7.821 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 91 Resp: 2219412
Ion Ratio Lower Upper
91 100
106 47.0 24.2 72.6





#61

Stvrene

Concen: 8.284 ppbv

RT: 13.52

Delta R.T.

Lab File:

Acq: 21 Dec 2021 13:21

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

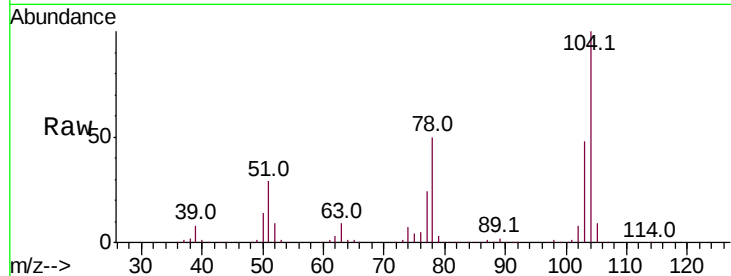
Tot Ion:1

Ion Ratio

104 100

78 51.

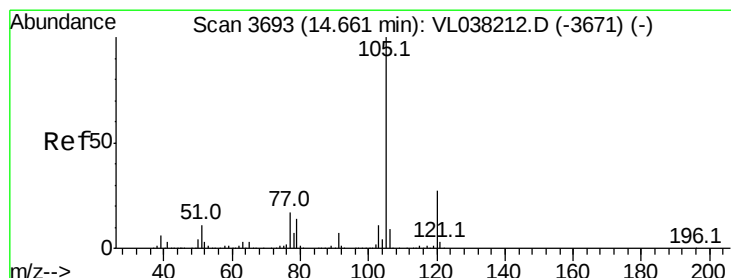
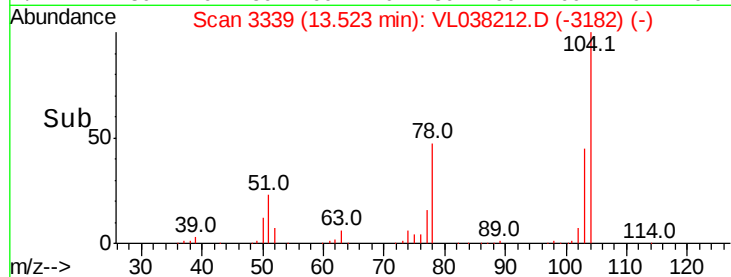
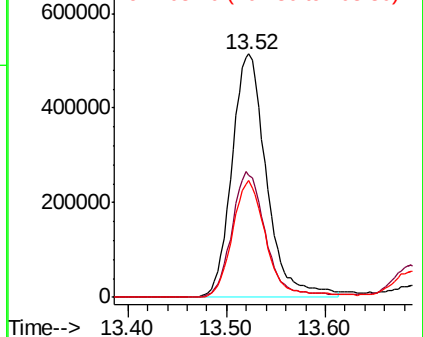
103 47.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 7.791 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VL038212.D

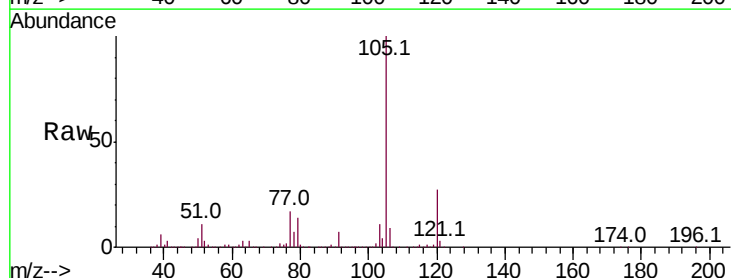
Acq: 21 Dec 2021 13:21

Tgt Ion:105 Resp: 3138181

Ion Ratio Lower Upper

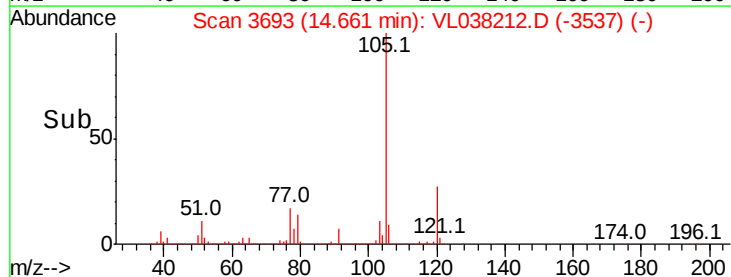
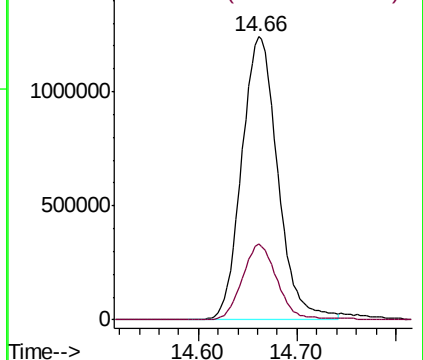
105 100

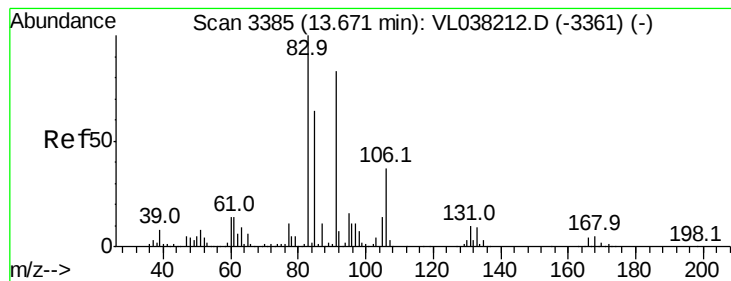
120 26.3 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.439 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:

Ion Ratio

83 100

131 9.

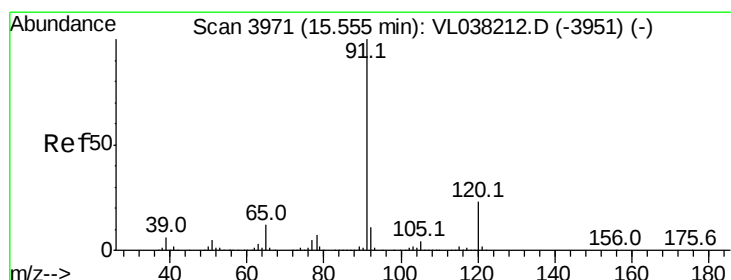
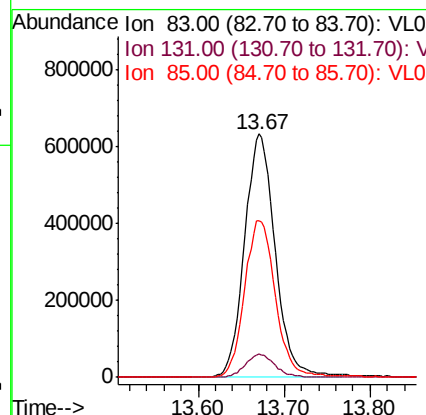
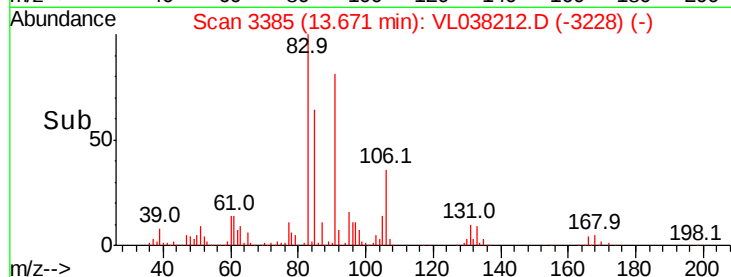
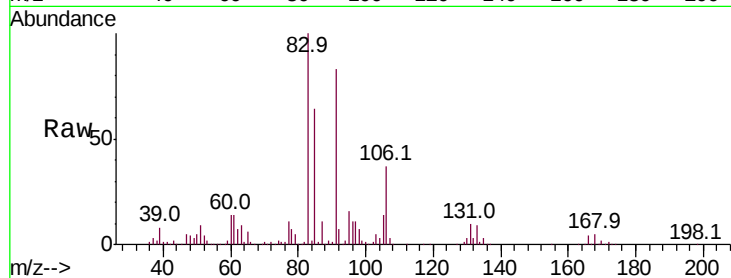
85 65.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#64

n-propylbenzene

Concen: 7.862 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VL038212.D

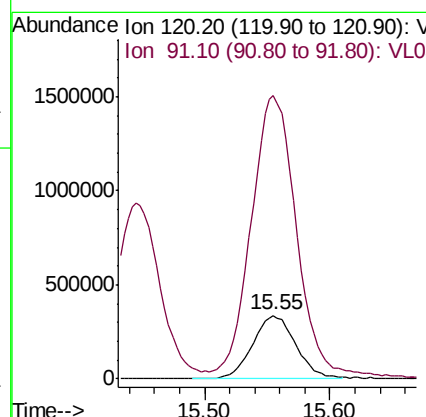
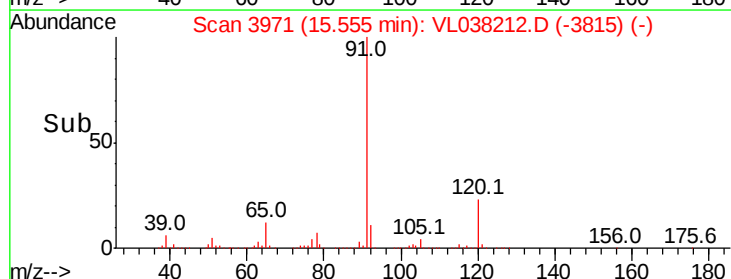
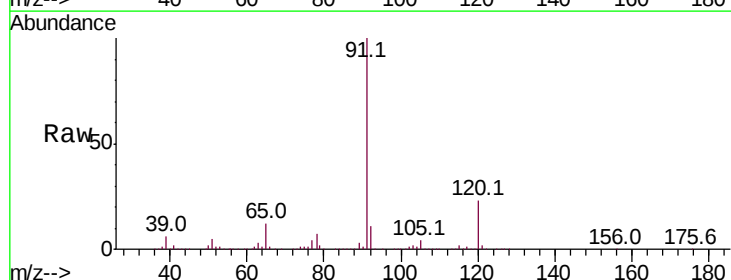
Acq: 21 Dec 2021 13:21

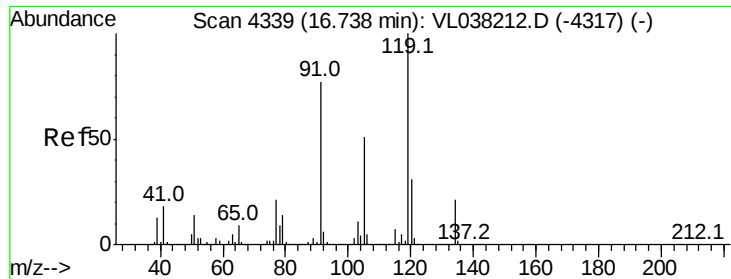
Tgt Ion:120 Resp: 806767

Ion Ratio Lower Upper

120 100

91 476.9 371.7 557.5



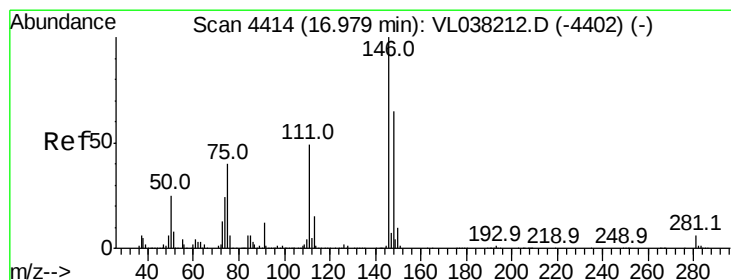
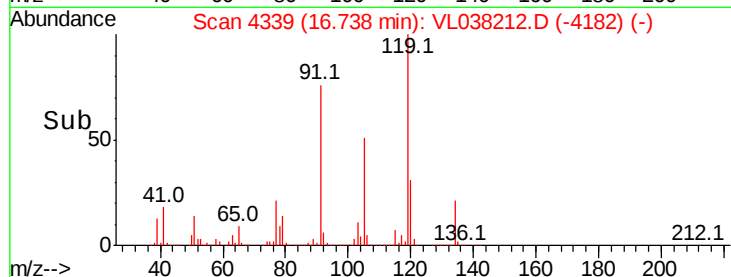
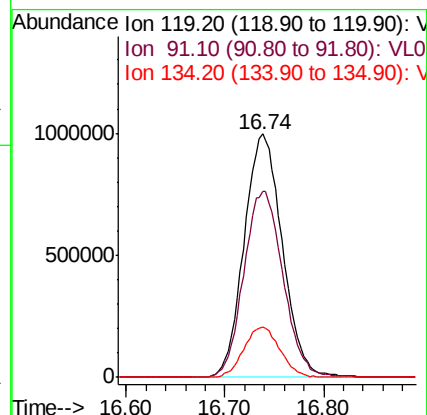
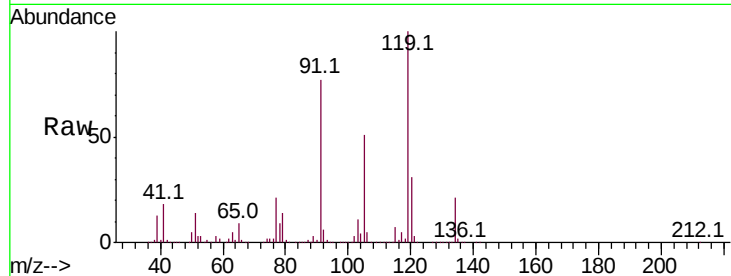


#65
tert-Butylbenzene
Concen: 7.523 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 21 Dec 2021 13:21

Tot Ion: 1
Ion Ratio
119 100
91 78.
134 19.

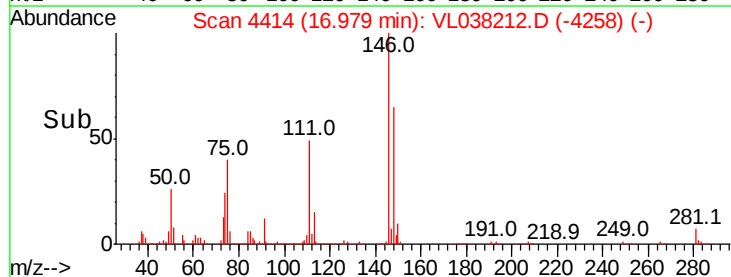
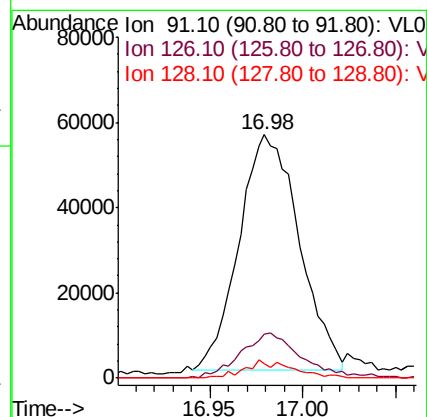
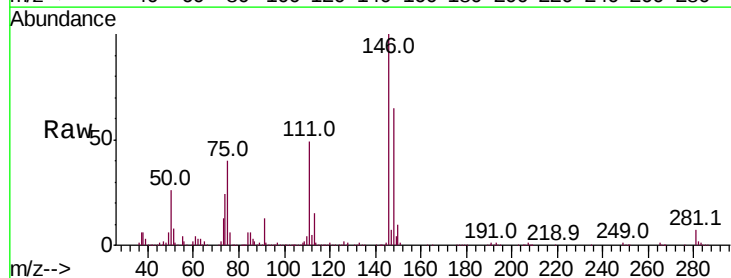
Manual Integrations
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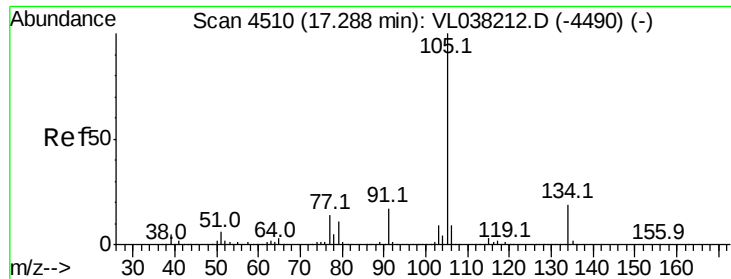
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#66
Benzyl Chloride
Concen: 6.944 ppbv
RT: 16.98 min Scan# 4414
Delta R.T.: 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 91 Resp: 124898
Ion Ratio Lower Upper
91 100
126 20.0 15.5 23.3
128 6.3 5.6 8.4



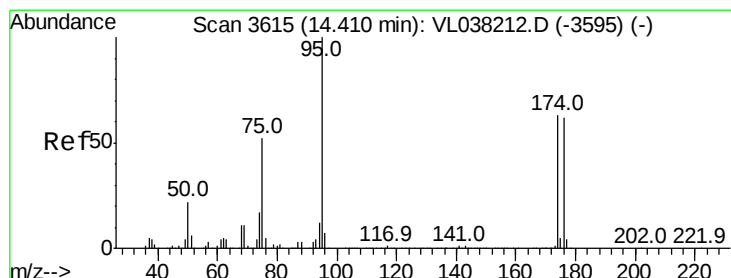
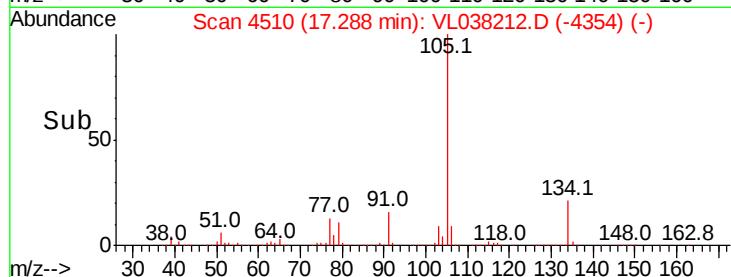
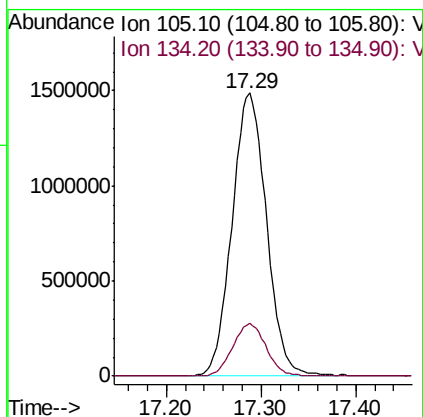
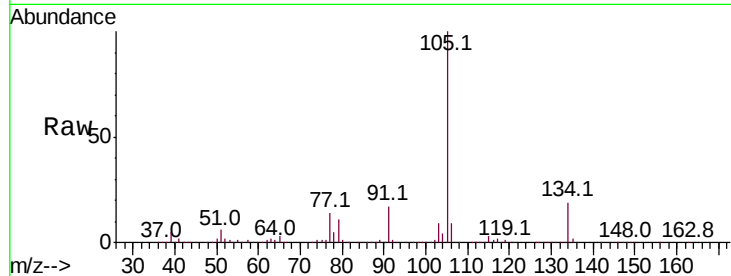


#67
 sec-Butylbenzene
 Concen: 7.579 ppbv
 RT: 17.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:1
 Ion Rati
 105 100
 134 18.

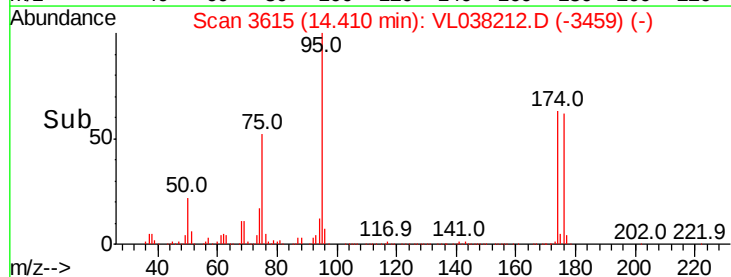
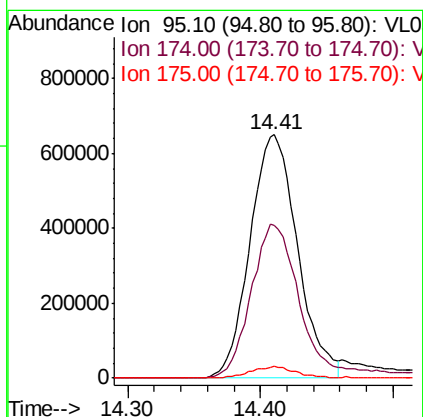
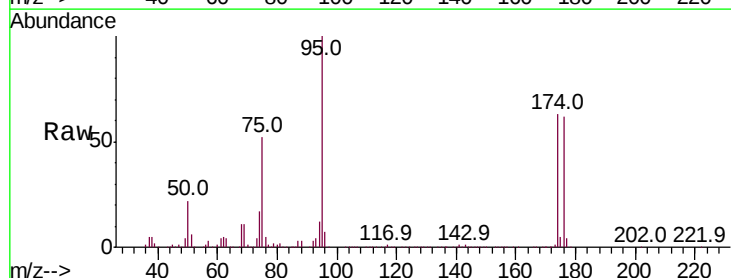
Manual Integrations
 APPROVED

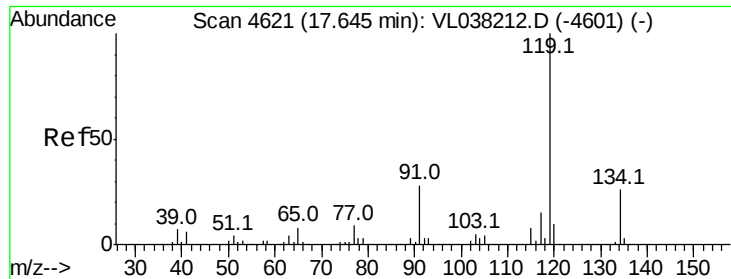
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.243 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion: 95 Resp: 1624462
 Ion Ratio Lower Upper
 95 100
 174 68.2 53.1 79.7
 175 5.1 4.0 6.0



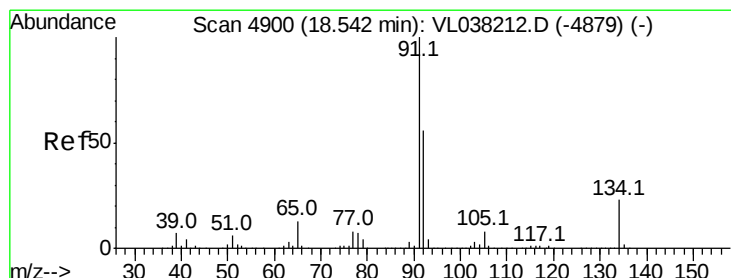
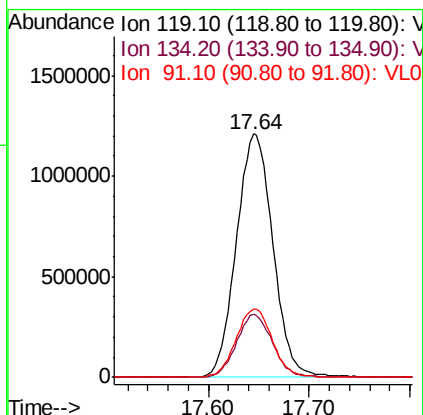
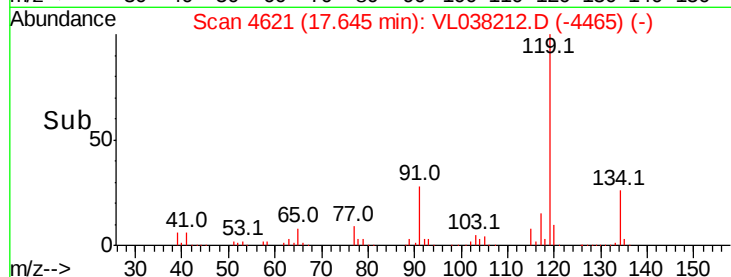
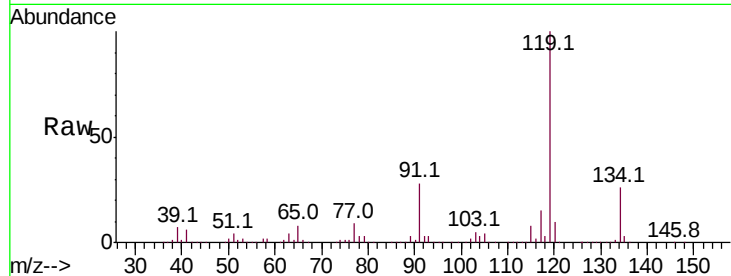


#69
 p-Isopropyltoluene
 Concen: 7.859 ppbv
 RT: 17.64 min
 Delta R.T.: 0.00 min
 Lab File: VSTDICCC010
 Acq: 21 Dec 2021 13:21

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

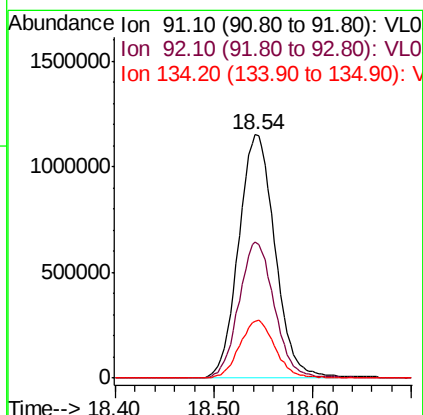
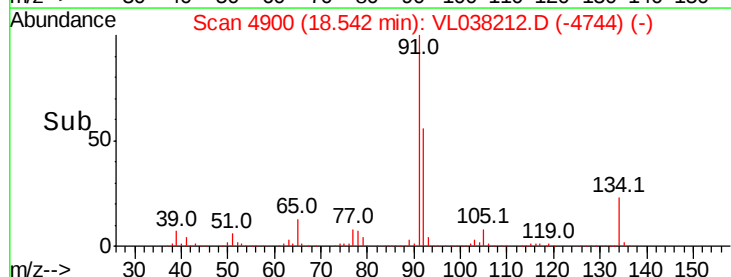
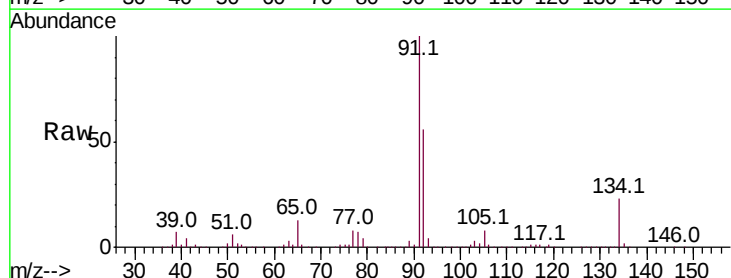
Manual Integrations
 APPROVED

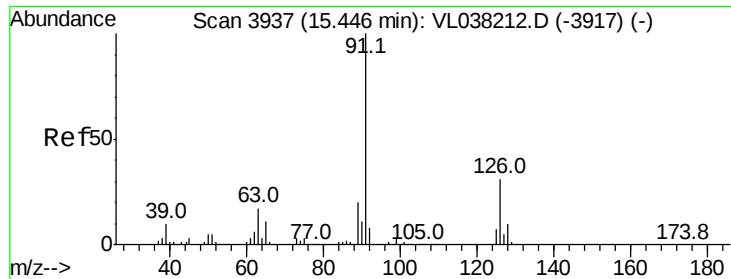
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#70
 n-Butylbenzene
 Concen: 7.939 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T.: 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion: 91 Resp: 2936143
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.1 66.1
 134 23.1 18.9 28.3



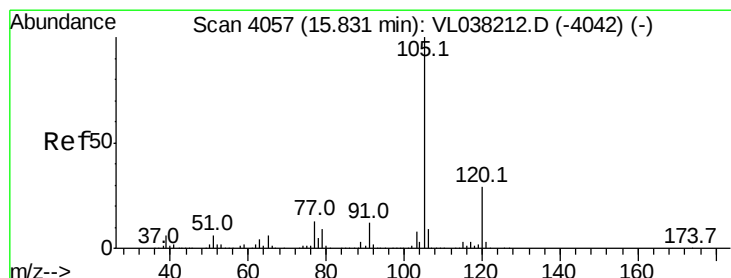
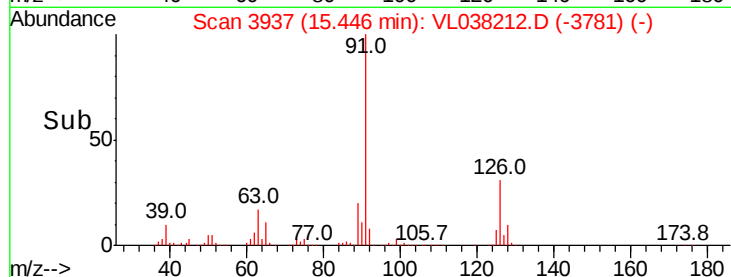
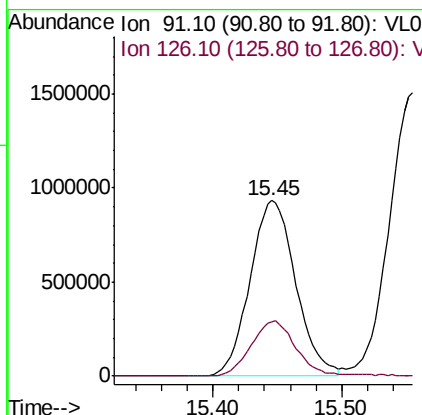
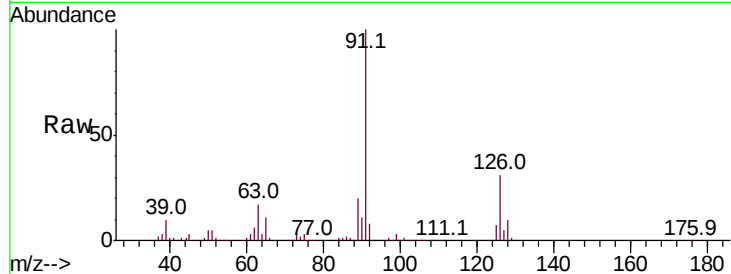


#71
 2-Chlorotoluene
 Concen: 7.826 ppbv
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 21 Dec 2021 13:21

Tot Ion:
 Ion Ratio
 91 100
 126 31.

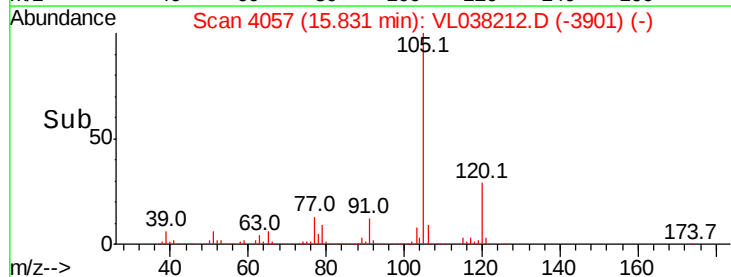
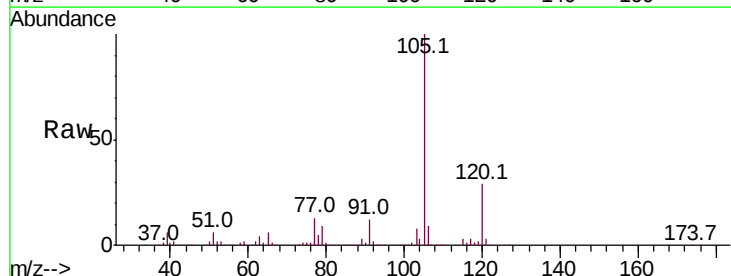
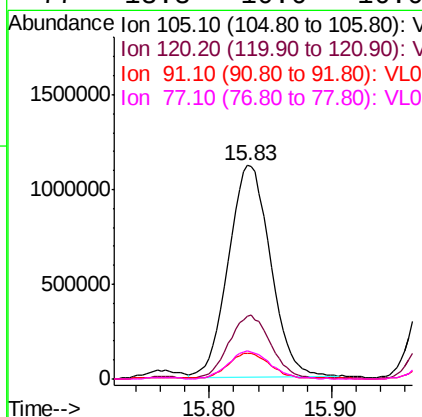
Manual Integrations
 APPROVED

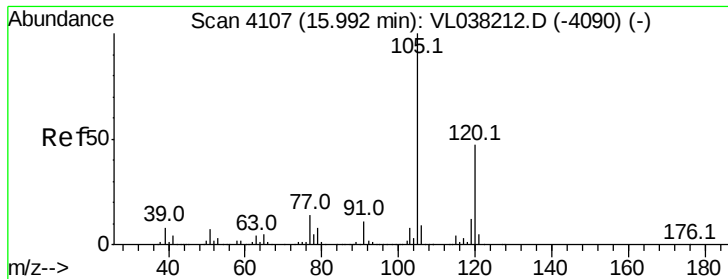
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#72
 4-Ethyltoluene
 Concen: 8.122 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. 0.00 min
 Lab File: VL038212.D
 Acq: 21 Dec 2021 13:21

Tgt Ion:105 Resp: 2672120
 Ion Ratio Lower Upper
 105 100
 120 30.4 25.1 37.7
 91 12.2 9.7 14.5
 77 13.3 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.027 ppbv

RT: 15.99 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21

Manual Integrations

APPROVED

Tot Ion:1

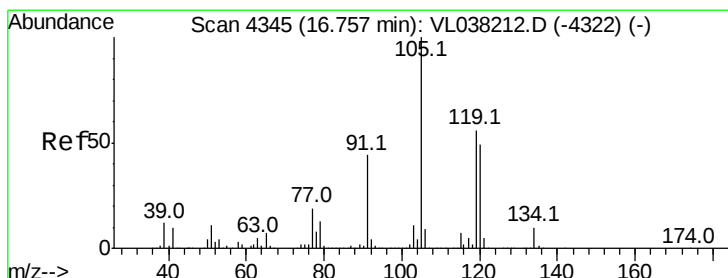
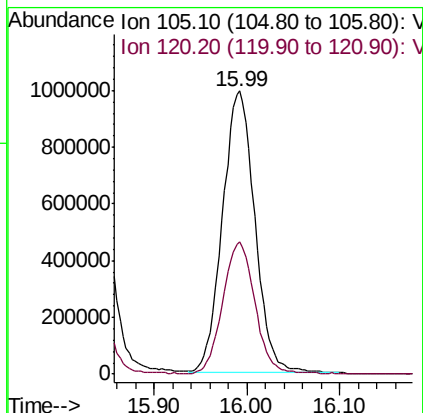
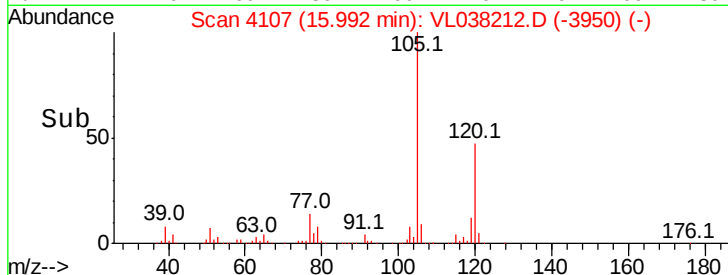
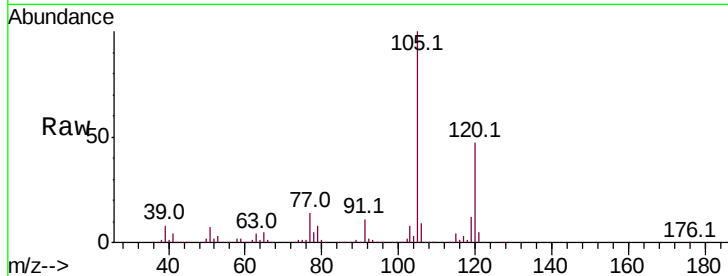
Ion Ratio

105 100

120 46.

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 7.782 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

Tgt Ion:105 Resp: 2409581

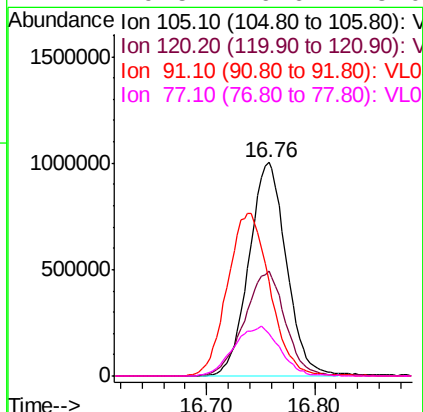
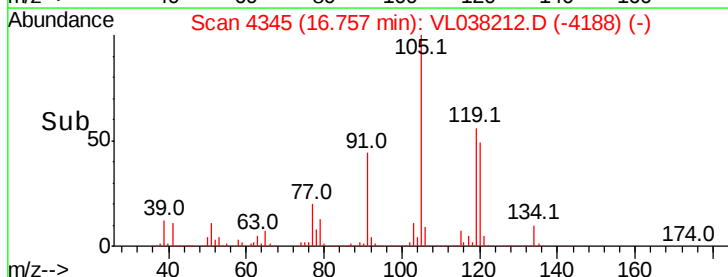
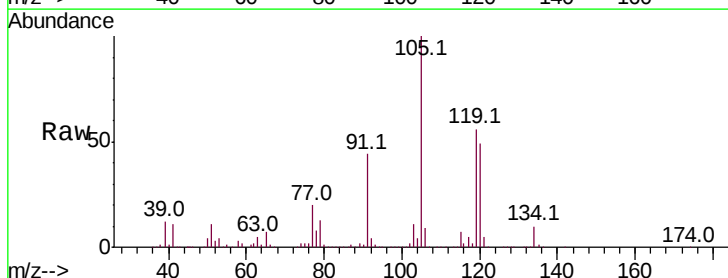
Ion Ratio Lower Upper

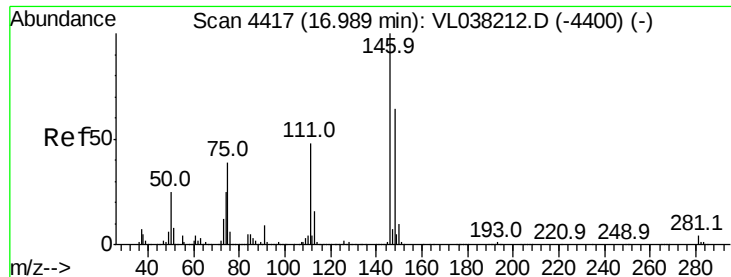
105 100

120 49.3 40.1 60.1

91 43.7 39.8 59.8

77 19.5 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 8.008 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:1

Ion Rati

146 100

111 47.

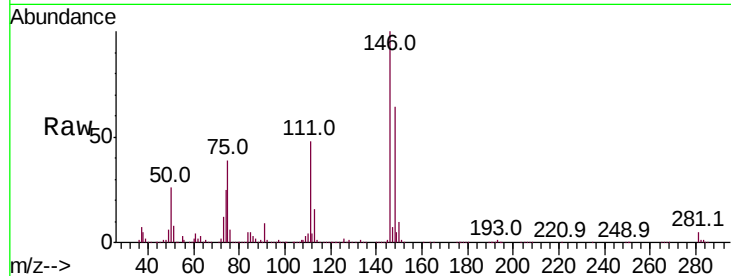
148 64.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

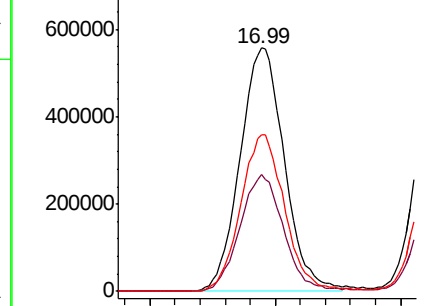
Supervised By :Mahesh Dadoda 12/29/2021



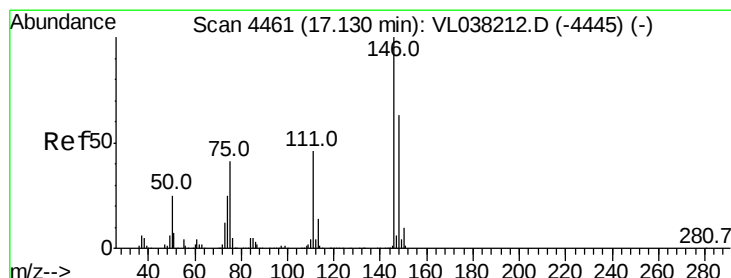
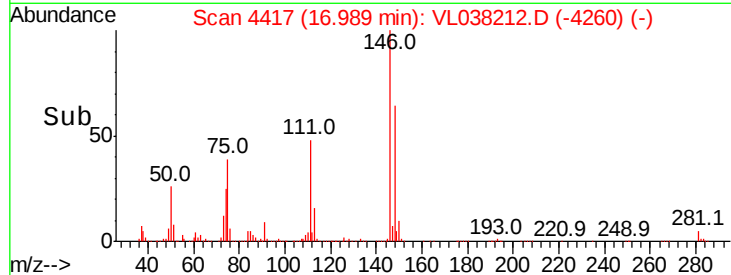
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#76

1,4-Dichlorobenzene

Concen: 7.731 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

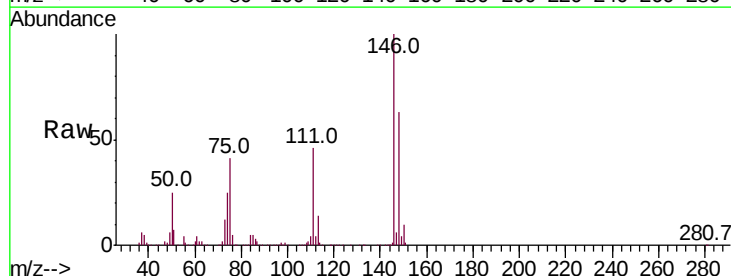
Tgt Ion:146 Resp: 1323195

Ion Ratio Lower Upper

146 100

111 47.3 23.8 71.5

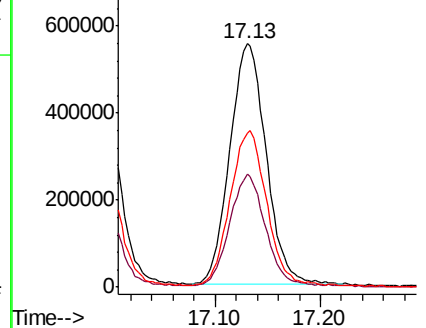
148 66.3 33.2 99.6



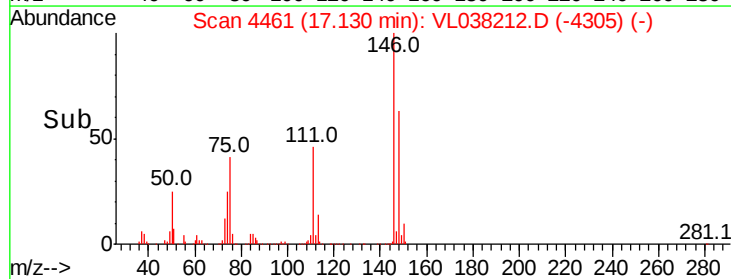
Abundance Ion 146.00 (145.70 to 146.70): V

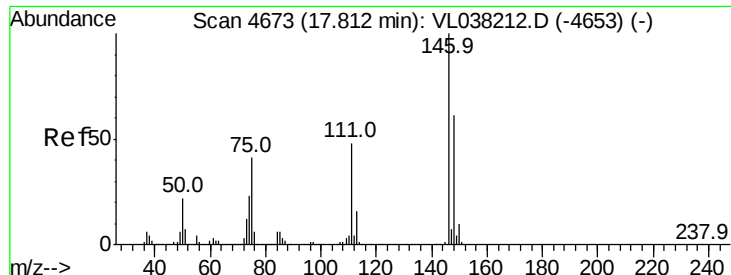
Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



Time-->





#77

1,2-Dichlorobenzene

Concen: 7.752 ppbv

RT: 17.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 13:21 VSTDICCC010

Tot Ion:1

Ion Rati

146 100

111 49.

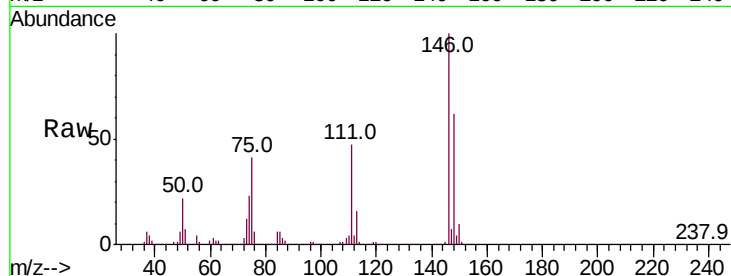
148 64.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

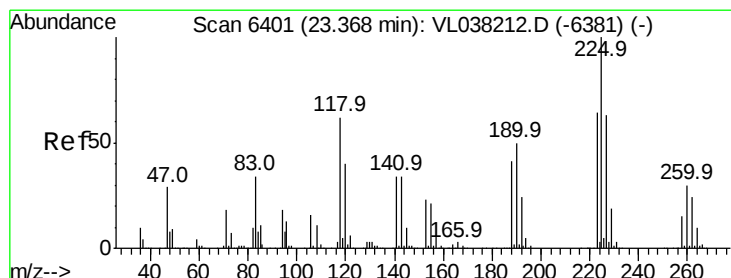
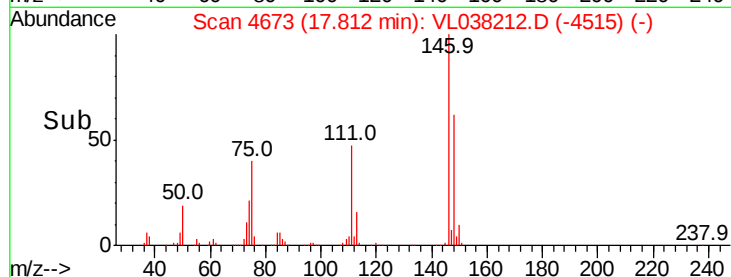
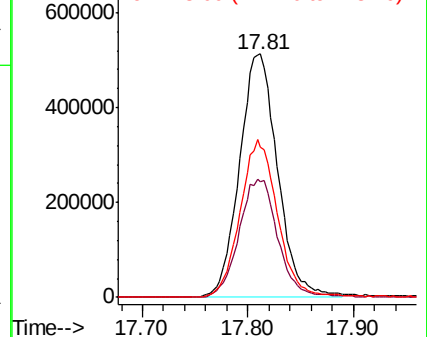
Supervised By :Mahesh Dadoda 12/29/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.785 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. 0.00 min

Lab File: VL038212.D

Acq: 21 Dec 2021 13:21

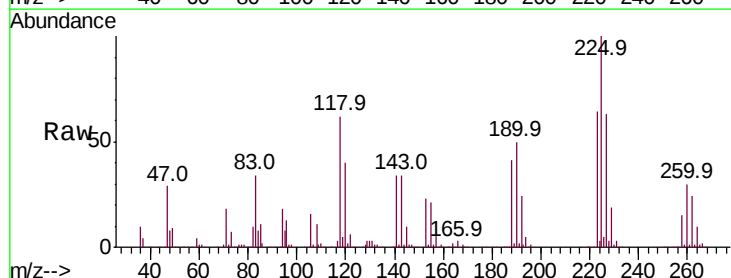
Tgt Ion:225 Resp: 697620

Ion Ratio Lower Upper

225 100

223 64.4 52.3 78.5

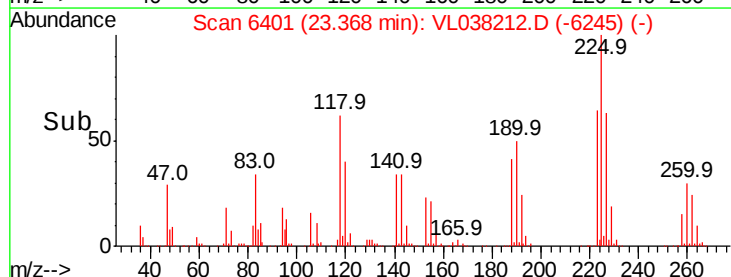
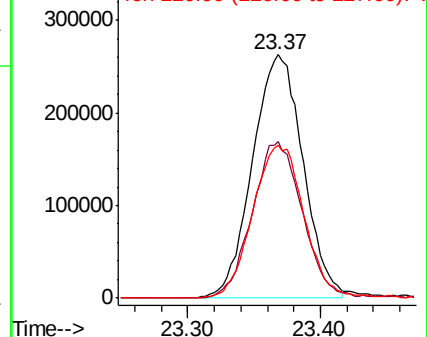
227 64.9 52.4 78.6

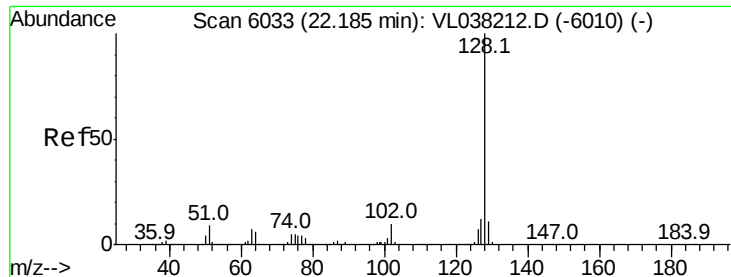


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





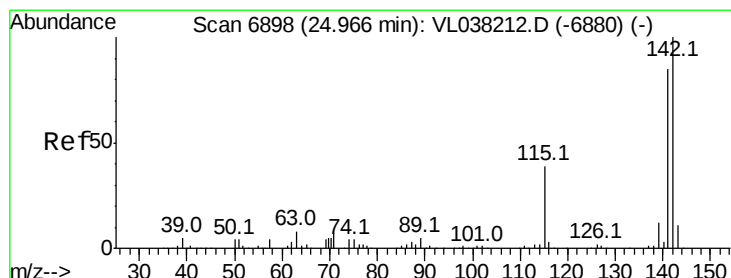
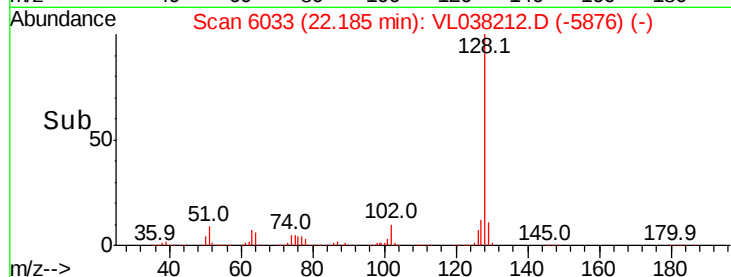
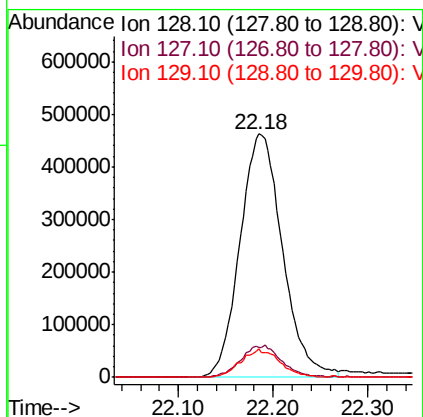
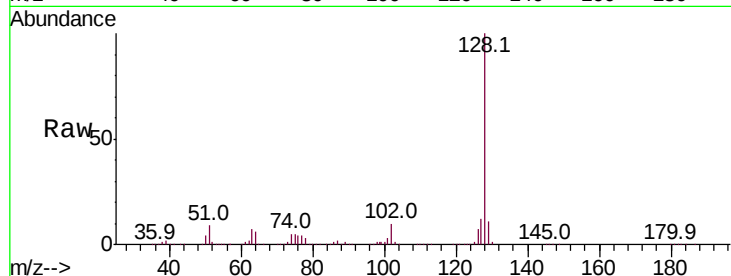
#79
Naphthalene
Concen: 8.848 ppbv
RT: 22.18 min
Delta R.T.: 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Instrument : MSVOA_1
Client SampleId : VSTDICCC010

Tot Ion: 1
Ion Ratio
128 100
127 12.
129 11.

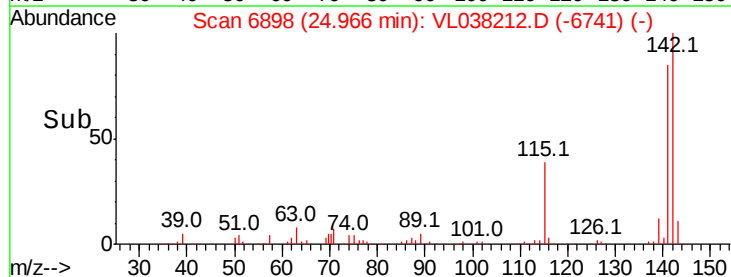
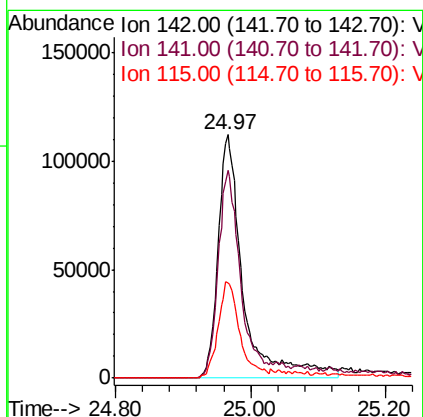
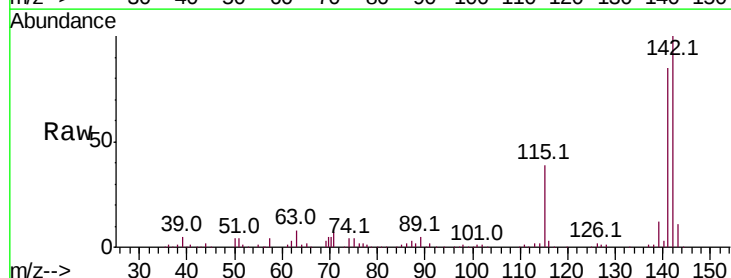
Manual Integrations
APPROVED

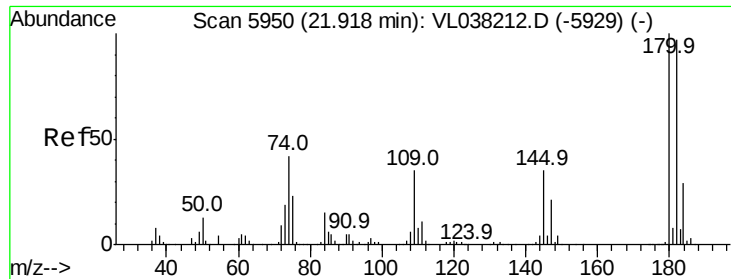
Reviewed By : Amit Patel 12/22/2021
Supervised By : Mahesh Dadoda 12/29/2021



#80
Naphthalene, 2-methyl-
Concen: 8.357 ppbv
RT: 24.97 min Scan# 6898
Delta R.T.: 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 13:21

Tgt Ion: 142 Resp: 292055
Ion Ratio Lower Upper
142 100
141 83.4 67.3 100.9
115 36.7 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 7.870 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 21 Dec 2021 15:21

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 32.

Manual Integrations
 APPROVED

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

