

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038213.D
 Acq On : 21 Dec 2021 14:02
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 17:46:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 13:55:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	751047	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2343077	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2229424	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1608734	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	284322	2.216	ppbv 99
3) Chlorodifluoromethane	3.00	51	346074	2.209	ppbv 99
4) Chloromethane	3.15	50	111210	2.075	ppbv 98
5) Vinyl Chloride	3.26	62	119062	2.266	ppbv 97
6) Bromomethane	3.48	94	57499	2.025	ppbv 88
7) Chloroethane	3.56	64	41943	2.235	ppbv 92
8) Dichlorotetrafluoroethane	3.19	85	290688	2.339	ppbv 98
9) Propene	3.01	41	118274	2.068	ppbv 99
10) Heptane	8.12	43	311367	2.189	ppbv 99
11) Trichlorofluoromethane	3.95	101	278718	2.334	ppbv 97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	213976	2.512	ppbv 98
13) Ethanol	3.62	45	20804m	3.443	ppbv
14) Bromoethene	3.75	108	84913	2.245	ppbv 99
15) Acetone	3.86	43	169173	2.568	ppbv 96
16) 1,3-Butadiene	3.33	39	112530	2.218	ppbv 99
17) tert-Butyl alcohol	4.30	59	170345	2.121	ppbv 100
18) 1,1-Dichloroethene	4.29	96	95047	2.451	ppbv 93
19) Isopropyl Alcohol	3.98	45	93232	1.953	ppbv # 37
20) Methylene Chloride	4.35	84	93858	2.558	ppbv 99
21) Allyl Chloride	4.42	41	136012	2.245	ppbv 98
22) trans-1,2-Dichloroethene	4.89	96	95307	2.393	ppbv 99
23) Vinyl Acetate	5.08	43	221749	2.335	ppbv 97
24) 1,1-Dichloroethane	5.01	63	198876	2.488	ppbv 99
25) Ethyl Acetate	5.68	43	457943	2.133	ppbv 99
26) Hexane	5.69	57	226516	2.186	ppbv 97
27) Carbon Disulfide	4.55	76	199202	2.140	ppbv 97
28) Methyl tert-Butyl Ether	5.04	73	226667	2.516	ppbv 100
29) Chloroform	5.75	83	337491	2.215	ppbv 100
30) Cyclohexane	7.12	84	206232m	2.188	ppbv
31) cis-1,2-Dichloroethene	5.55	61	167850	1.759	ppbv 98
32) 1,1,1-Trichloroethane	6.51	97	331505	2.139	ppbv 99
34) 2-Butanone	5.25	43	153556	1.694	ppbv 98
35) Carbon Tetrachloride	7.02	117	318958	1.961	ppbv 100
36) Benzene	6.89	78	484701	2.103	ppbv 98
37) 1,2-Dichloroethane	6.31	62	234244	2.096	ppbv 99
38) Trichloroethene	7.83	130	177362	2.033	ppbv 98
39) 1,2-Dichloropropane	7.61	63	185017	2.102	ppbv 96
40) 1,4-Dioxane	7.85	88	54191m	2.363	ppbv
41) Tetrahydrofuran	6.06	42	108010	1.866	ppbv 94
42) Bromodichloromethane	7.79	83	342194	2.015	ppbv 98
43) Methyl Methacrylate	8.01	69	170852	2.166	ppbv 99

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Instrument :
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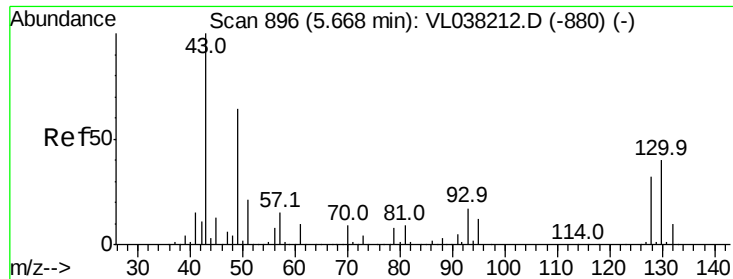
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	827386	2.140	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	117010m	1.866	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	165869	1.939	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	193347	2.093	ppbv	94
48) Dibromochloromethane	10.30	129	278355	1.988	ppbv	98
49) Bromoform	13.03	173	205937	2.043	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	297505	2.107	ppbv	98
51) 2-Hexanone	10.15	43	140984	2.127	ppbv #	99
52) Tetrachloroethene	11.22	164	167073	1.948	ppbv	94
53) Toluene	9.80	91	561469	2.117	ppbv	100
54) 1,2-Dibromoethane	10.60	107	273388	2.089	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	202686	2.042	ppbv #	1
57) Chlorobenzene	12.14	112	408697	2.079	ppbv	98
58) Ethyl Benzene	12.71	91	754844	2.083	ppbv	97
59) m/p-Xylene	12.99	91	1273841m	4.161	ppbv	
60) o-Xylene	13.69	91	595803	2.099	ppbv	99
61) Styrene	13.52	104	301098	1.991	ppbv	99
62) Isopropylbenzene	14.66	105	844431	2.096	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	420086	1.981	ppbv	98
64) n-propylbenzene	15.55	120	210159	2.057	ppbv	94
65) tert-Butylbenzene	16.74	119	755369	2.124	ppbv	98
66) Benzyl Chloride	16.98	91	23748m	1.401	ppbv	
67) sec-Butylbenzene	17.29	105	1052179	2.127	ppbv	99
69) p-Isopropyltoluene	17.65	119	840921	2.173	ppbv	100
70) n-Butylbenzene	18.54	91	798698	2.155	ppbv	100
71) 2-Chlorotoluene	15.45	91	637830	2.164	ppbv	97
72) 4-Ethyltoluene	15.83	105	686542	2.086	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	625833	2.070	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	679333	2.187	ppbv #	91
75) 1,3-Dichlorobenzene	16.99	146	359132	2.112	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	341278	1.991	ppbv	96
77) 1,2-Dichlorobenzene	17.81	146	345984	2.100	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	217979	2.115	ppbv	99
79) Naphthalene	22.19	128	369979	2.257	ppbv	97
80) Naphthalene,2-methyl-	24.98	142	82986	2.472	ppbv	95
81) 1,2,4-Trichlorobenzene	21.92	180	199924	2.144	ppbv	97

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

49 100

128 51.

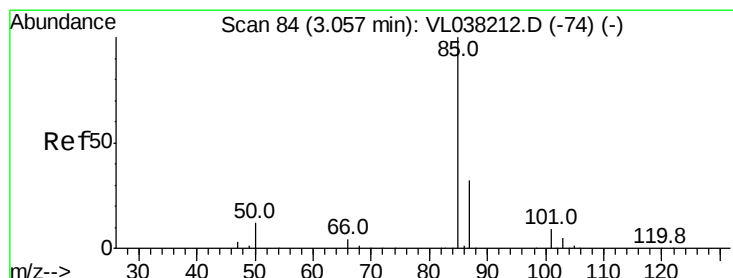
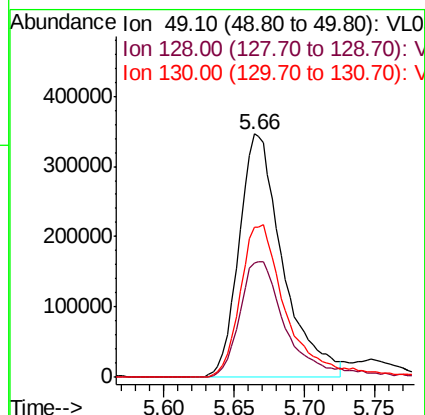
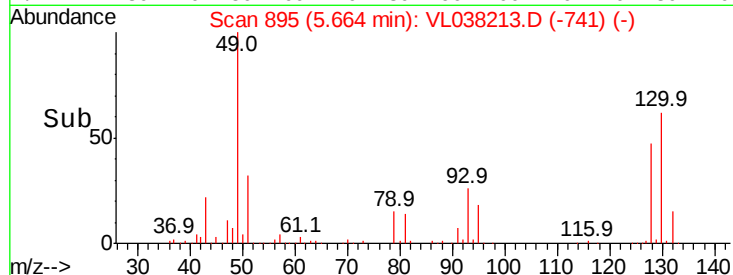
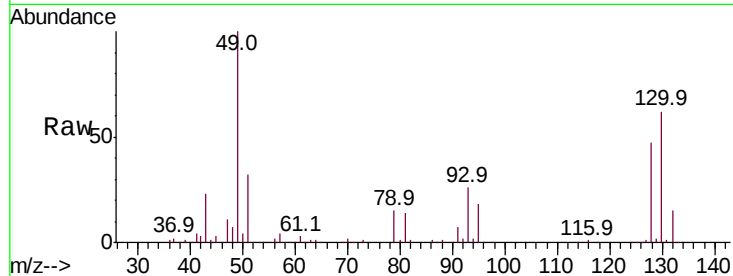
130 66.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/29/2021



#2

Dichlorodifluoromethane

Concen: 2.216 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.00 min

Lab File: VL038213.D

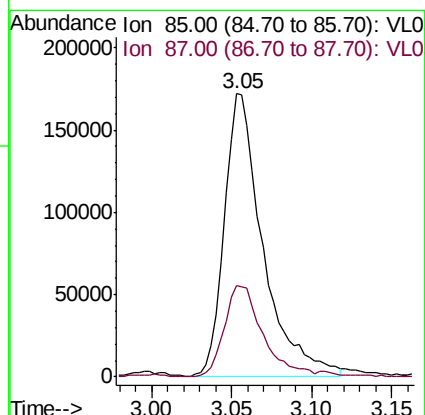
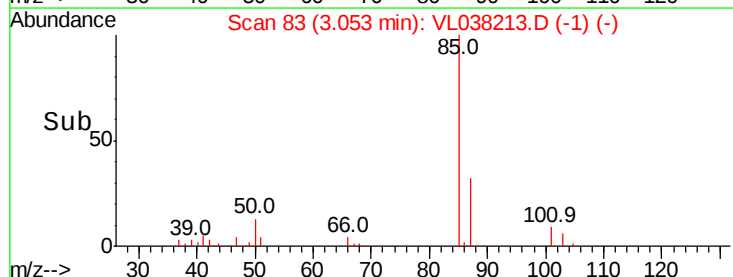
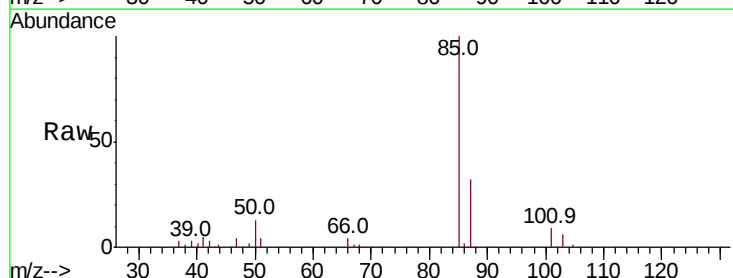
Acq: 21 Dec 2021 14:02

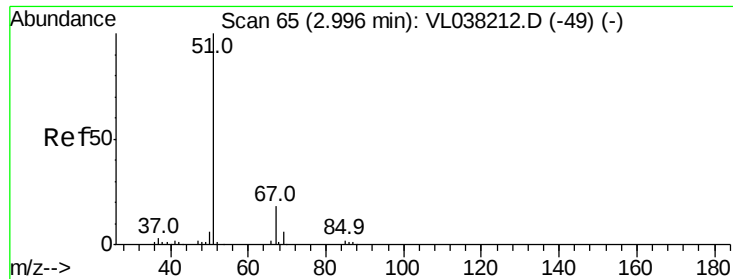
Tgt Ion: 85 Resp: 284322

Ion Ratio Lower Upper

85 100

87 32.2 25.4 38.2





#3

Chlorodifluoromethane

Concen: 2.209 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 14:02 VSTDIC002

Tot Ion:

Ion Ratio

51 100

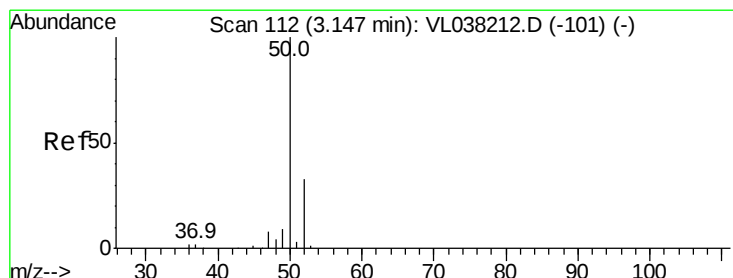
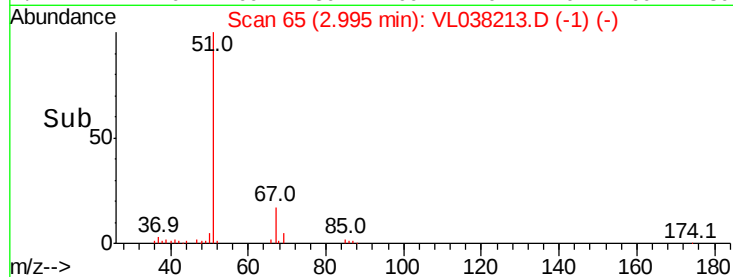
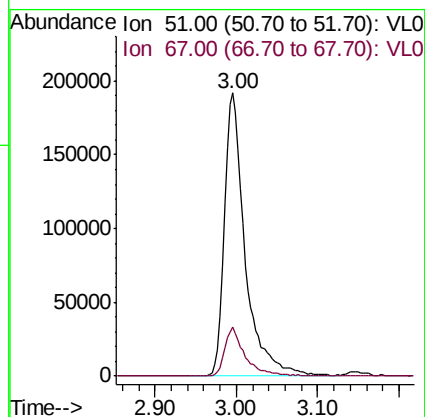
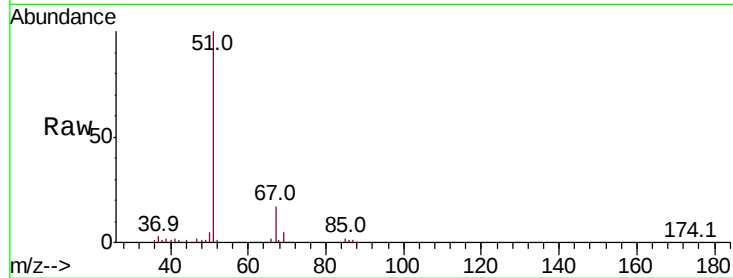
67 16.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#4

Chloromethane

Concen: 2.075 ppbv

RT: 3.15 min Scan# 112

Delta R.T. -0.00 min

Lab File: VL038213.D

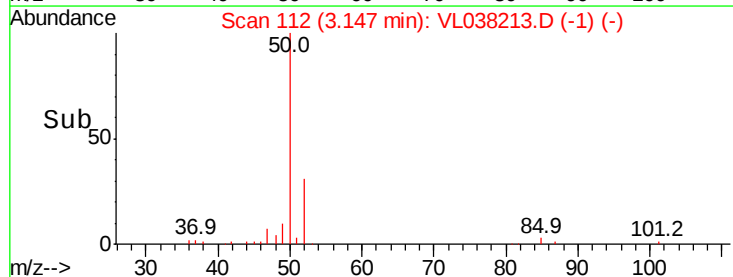
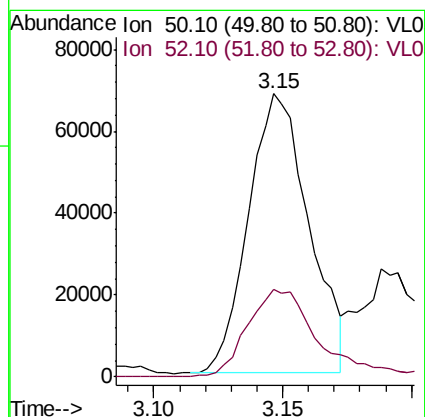
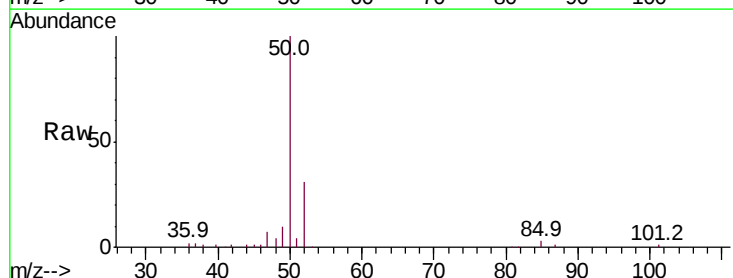
Acq: 21 Dec 2021 14:02

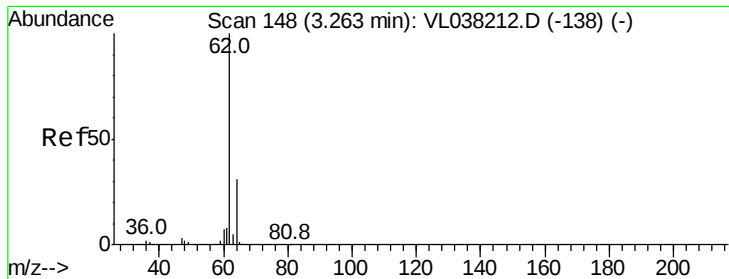
Tgt Ion: 50 Resp: 111210

Ion Ratio Lower Upper

50 100

52 31.4 26.2 39.2





#5

Vinyl Chloride

Concen: 2.266 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

62 100

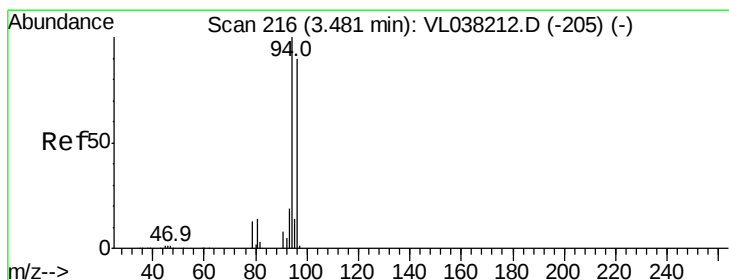
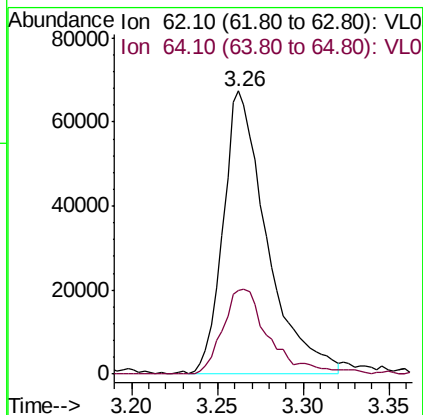
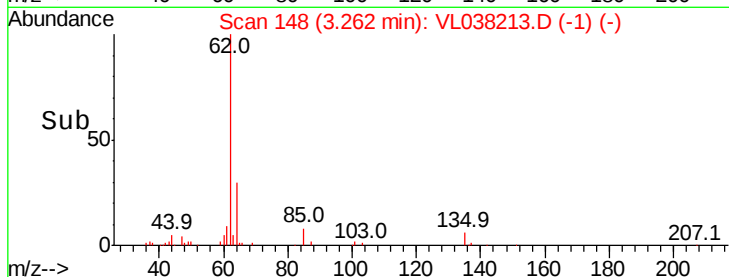
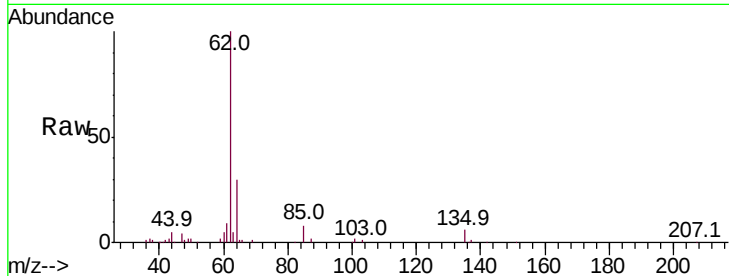
64 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#6

Bromomethane

Concen: 2.025 ppbv

RT: 3.48 min Scan# 216

Delta R.T. -0.00 min

Lab File: VL038213.D

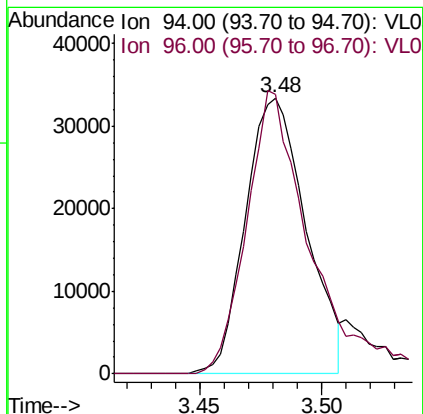
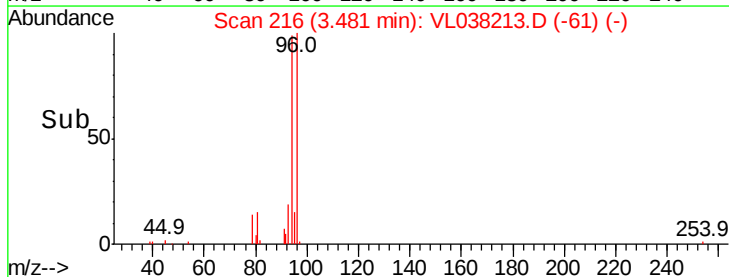
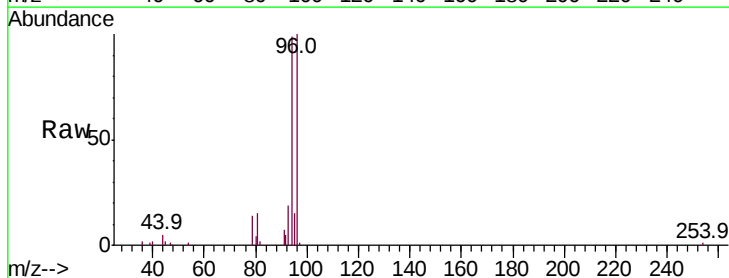
Acq: 21 Dec 2021 14:02

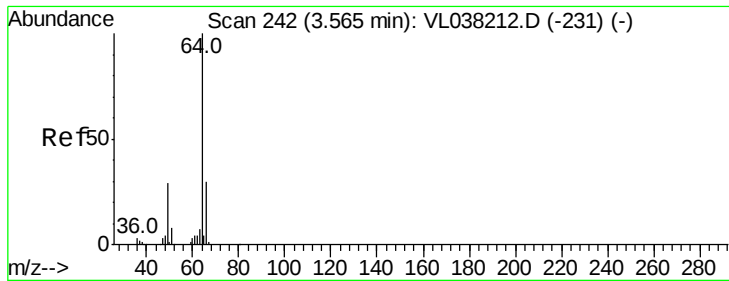
Tgt Ion: 94 Resp: 57499

Ion Ratio Lower Upper

94 100

96 101.5 72.2 108.2





#7

Chloroethane

Concen: 2.235 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

ClientSampleId: VSTDIC002

Tot Ion:

Ion Ratio

64 100

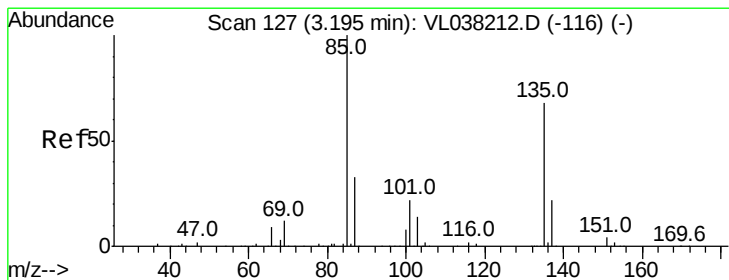
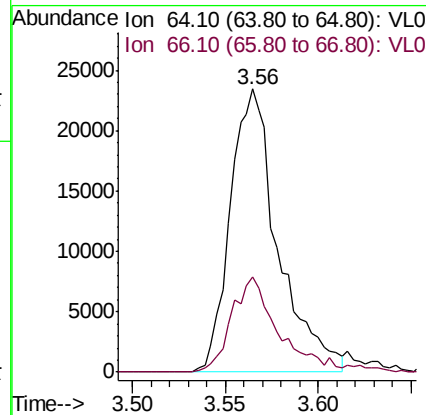
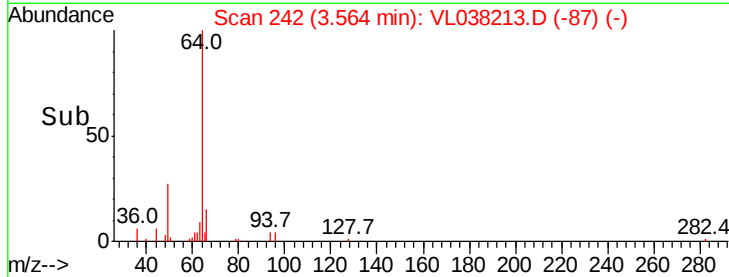
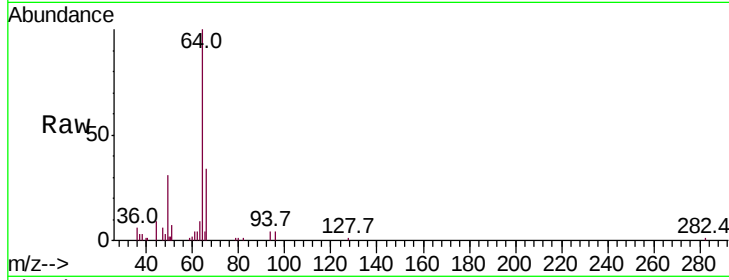
66 33.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 2.339 ppbv

RT: 3.19 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL038213.D

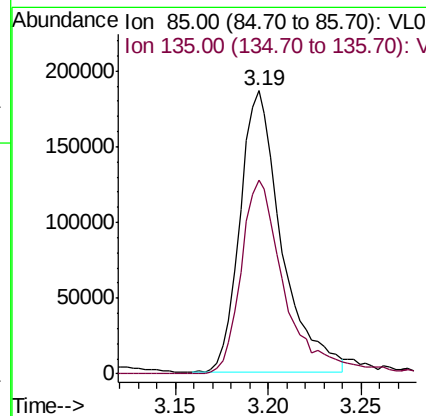
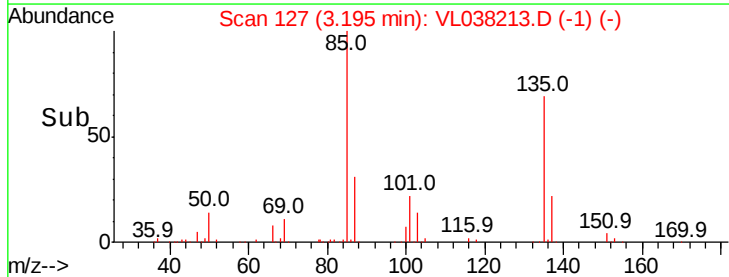
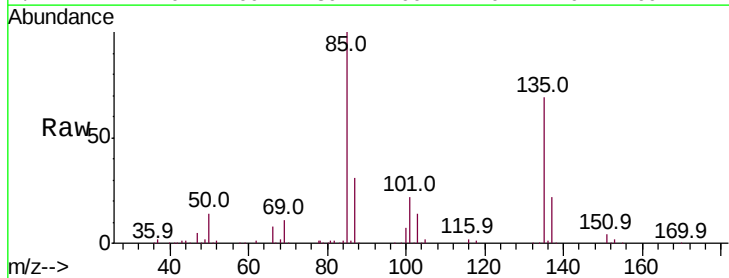
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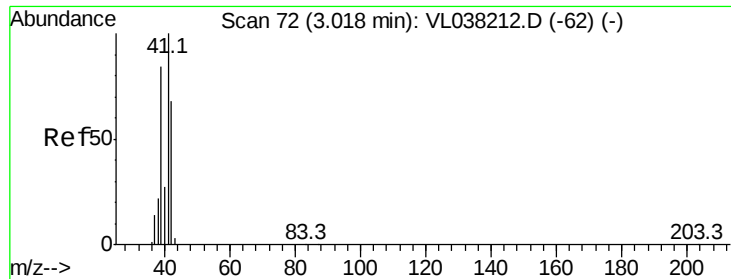
Tgt Ion: 85 Resp: 290688

Ion Ratio Lower Upper

85 100

135 74.1 57.7 86.5





#9

Propene

Concen: 2.068 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

41 100

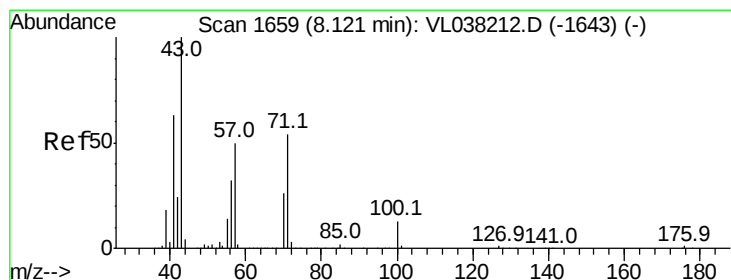
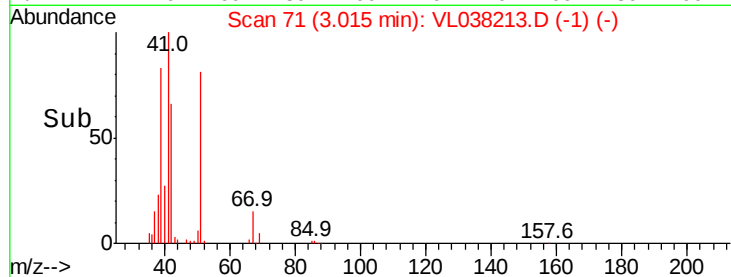
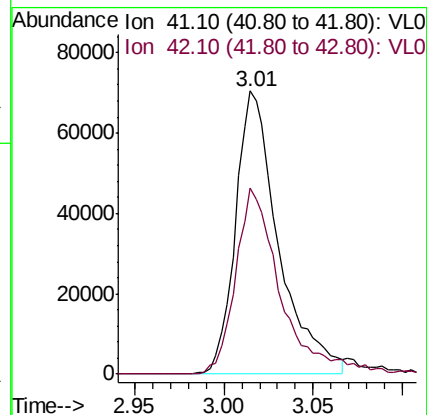
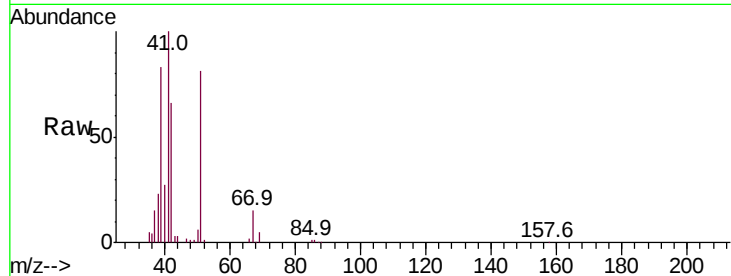
42 70.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#10

Heptane

Concen: 2.189 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VL038213.D

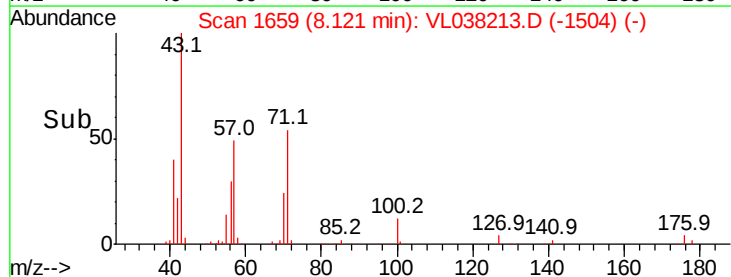
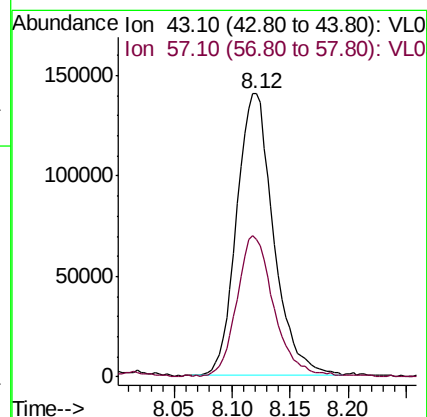
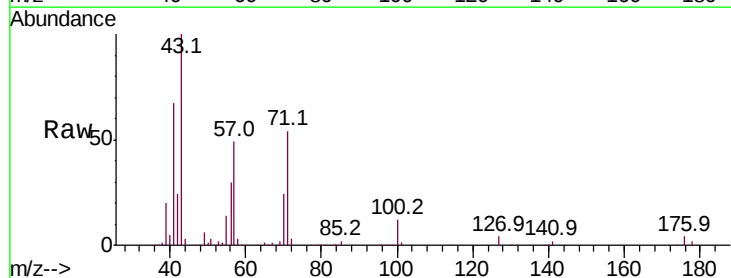
Acq: 21 Dec 2021 14:02

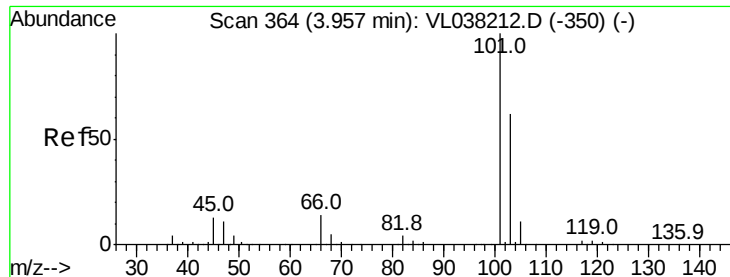
Tgt Ion: 43 Resp: 311367

Ion Ratio Lower Upper

43 100

57 51.1 40.3 60.5



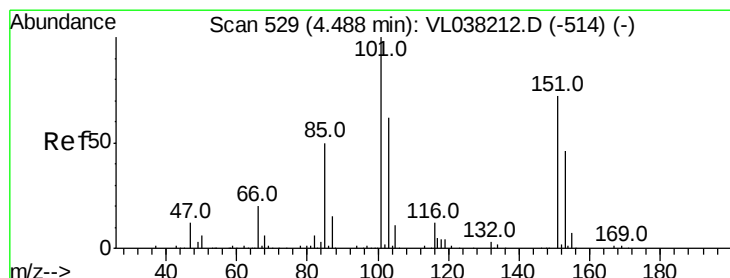
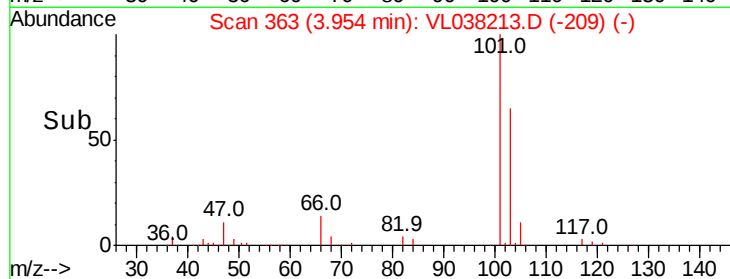
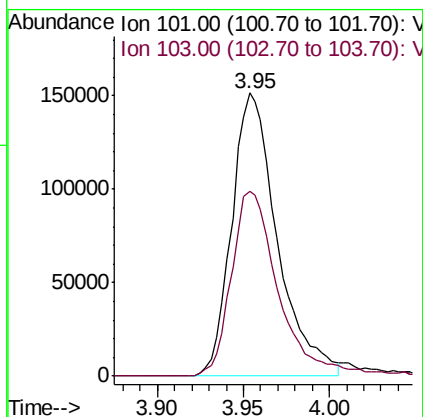
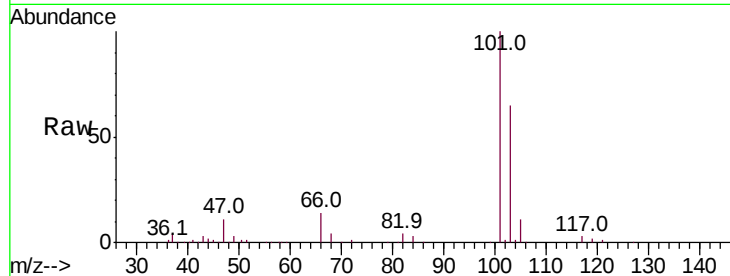


#11
 Trichlorofluoromethane
 Concen: 2.334 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:1
 Ion Rati
 101 100
 103 65.

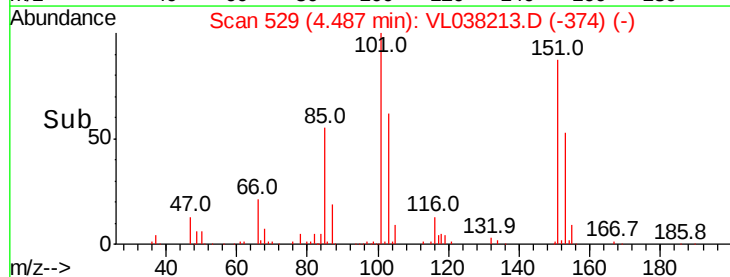
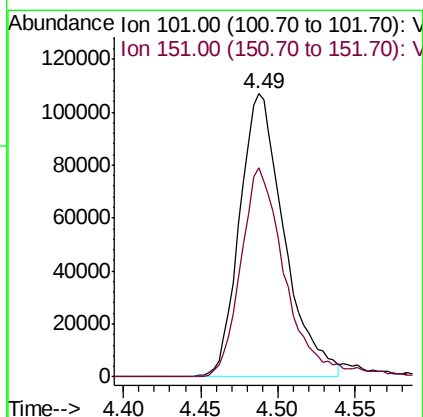
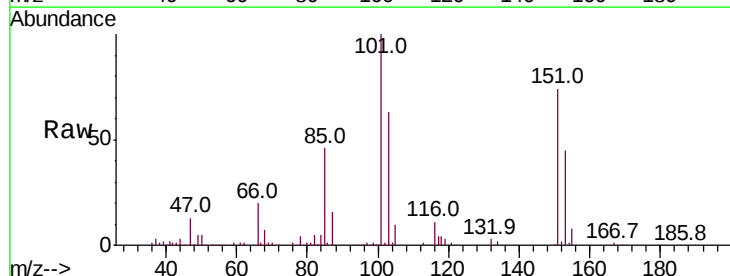
Manual Integrations
 APPROVED

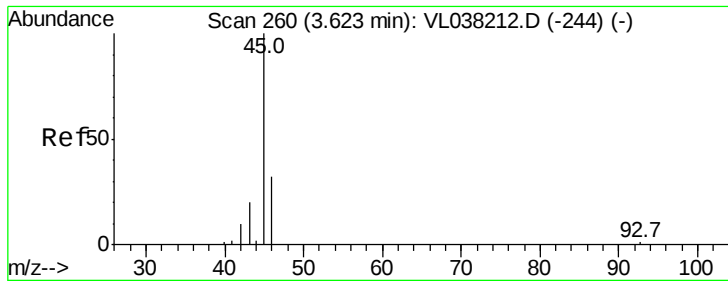
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.512 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:101 Resp: 213976
 Ion Ratio Lower Upper
 101 100
 151 75.1 58.6 87.8



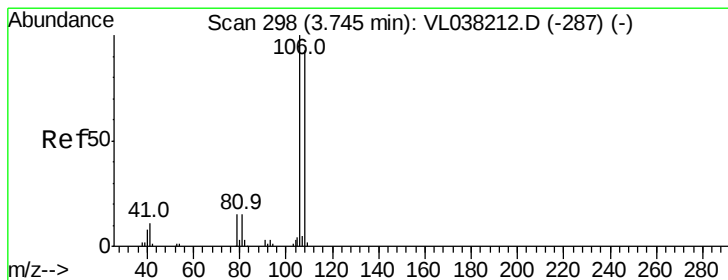
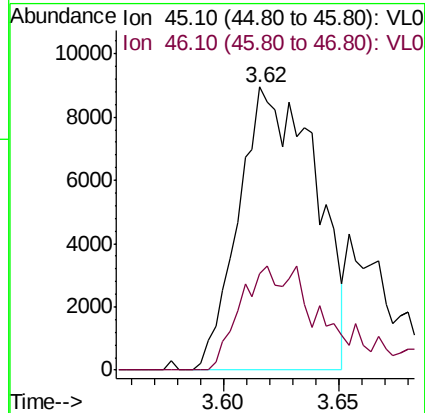
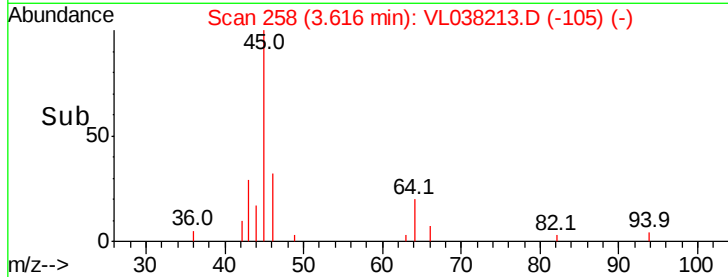
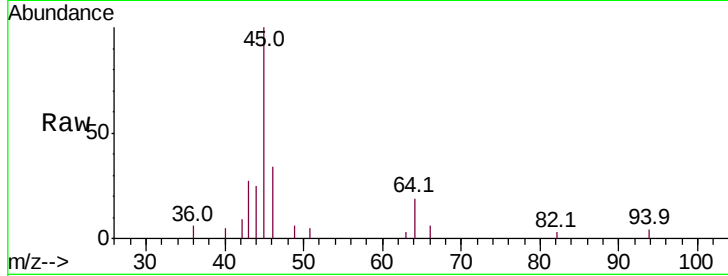


#13
Ethanol
Concen: 3.443 ppbv m
RT: 3.62
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampled :
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
45 100
46 46.

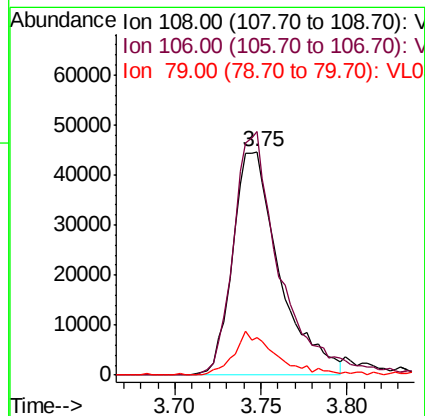
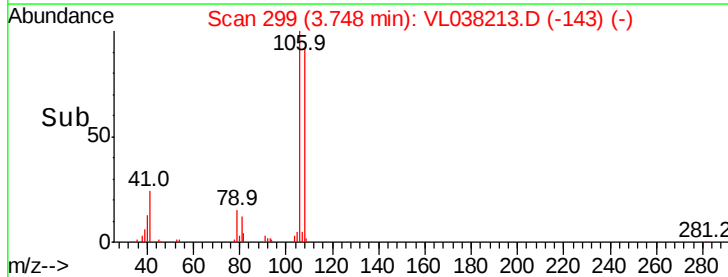
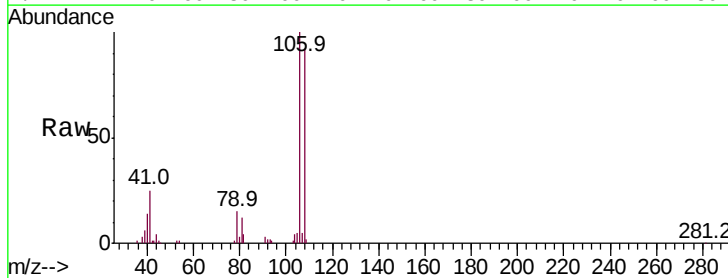
Manual Integrations
APPROVED

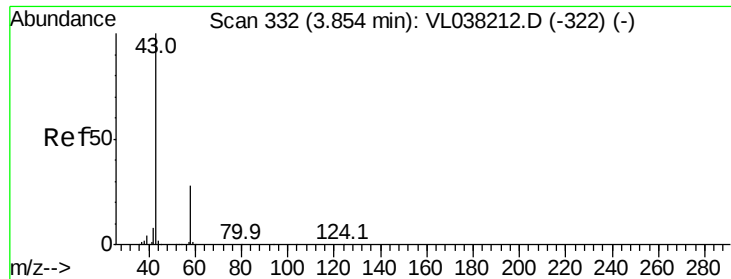
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#14
Bromoethene
Concen: 2.245 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion:108 Resp: 84913
Ion Ratio Lower Upper
108 100
106 109.8 88.2 132.2
79 18.0 13.7 20.5





#15

Acetone

Concen: 2.568 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

43 100

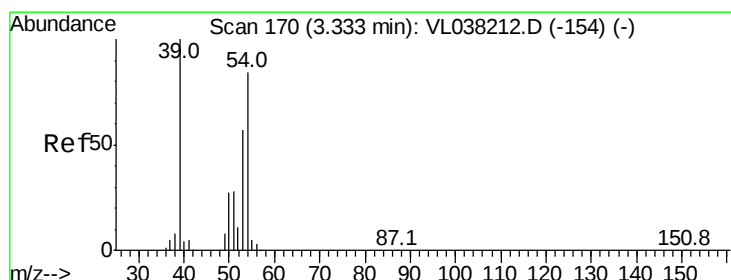
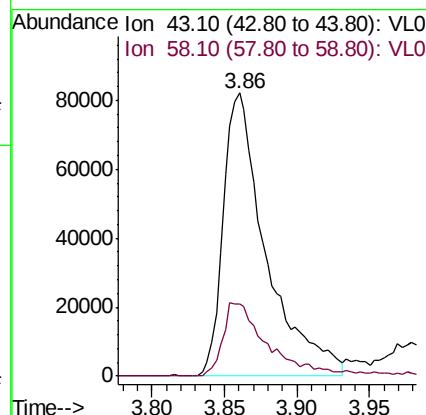
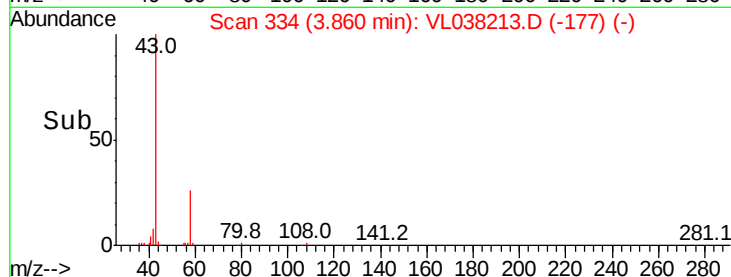
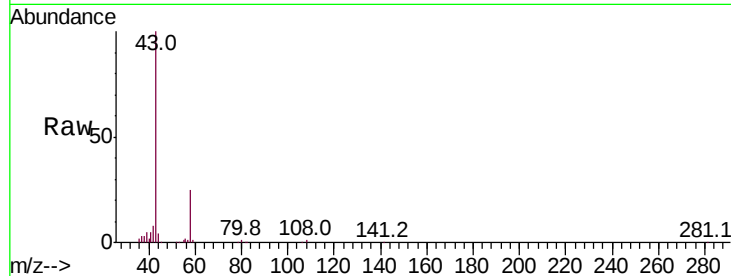
58 27.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#16

1,3-Butadiene

Concen: 2.218 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL038213.D

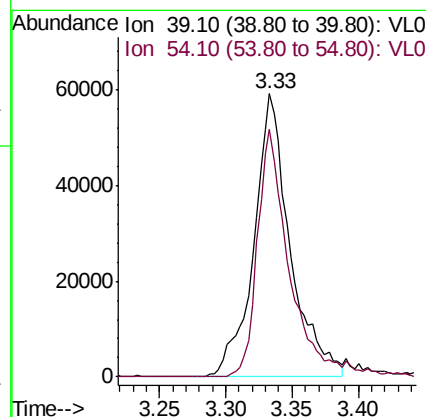
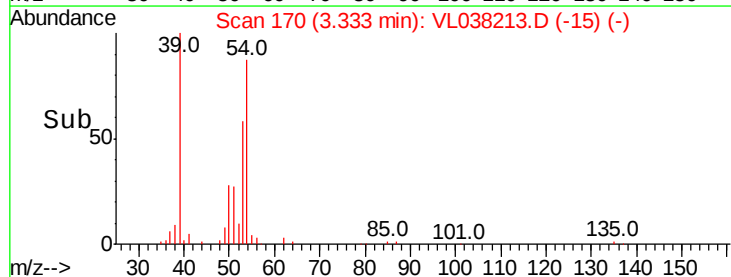
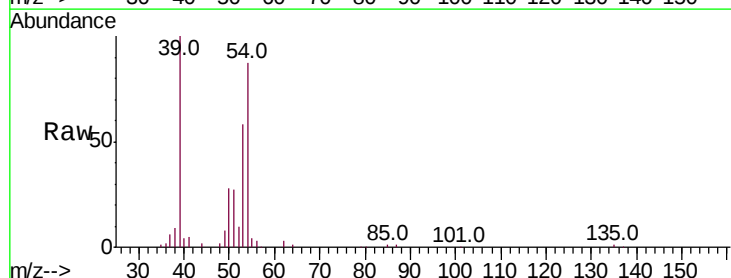
Acq: 21 Dec 2021 14:02

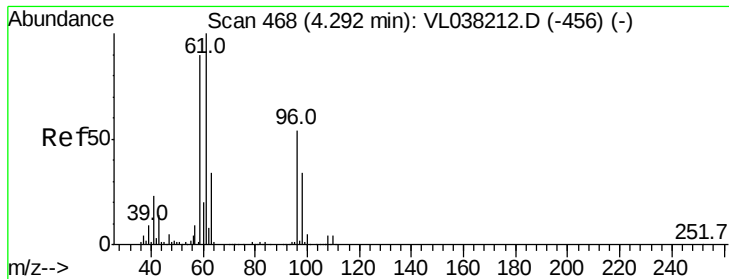
Tgt Ion: 39 Resp: 112530

Ion Ratio Lower Upper

39 100

54 78.1 62.9 94.3





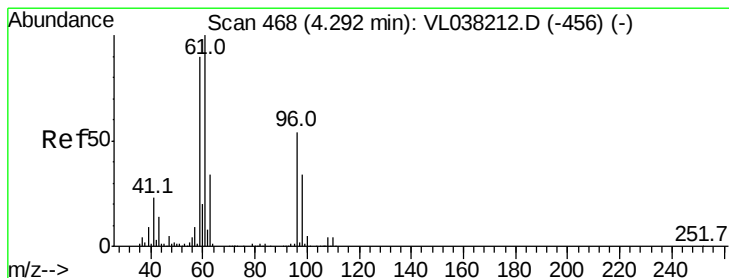
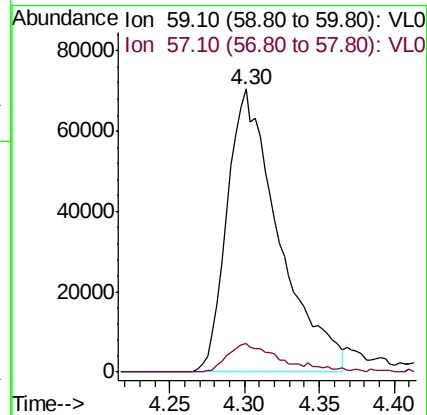
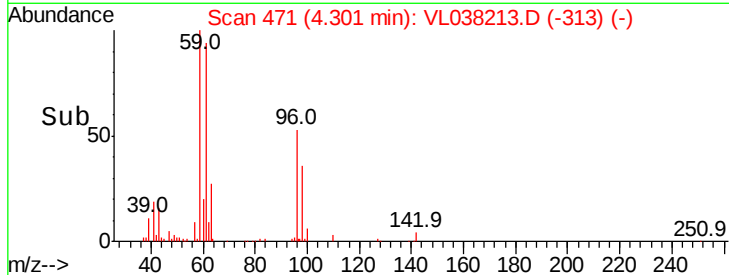
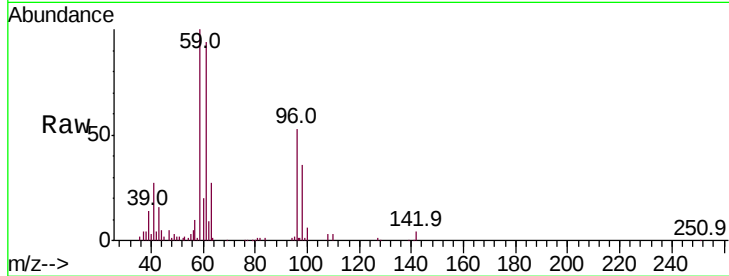
#17

tert-Butyl alcohol
Concen: 2.121 ppbv
RT: 4.30
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
59 100
57 11.

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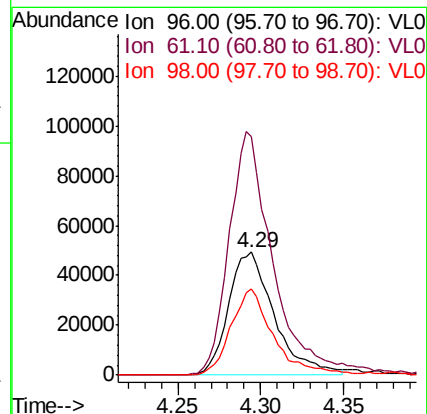
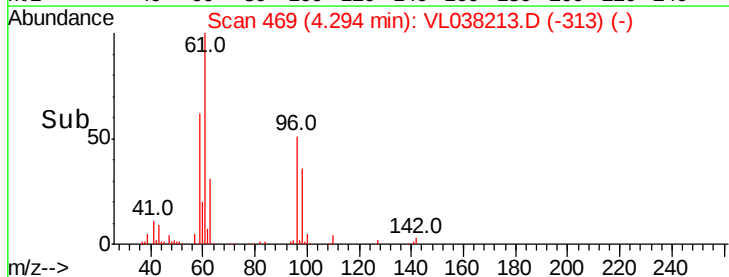
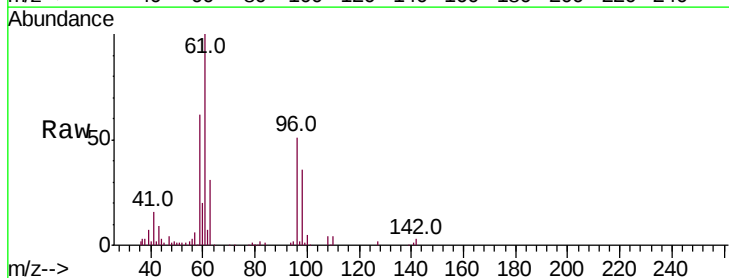
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

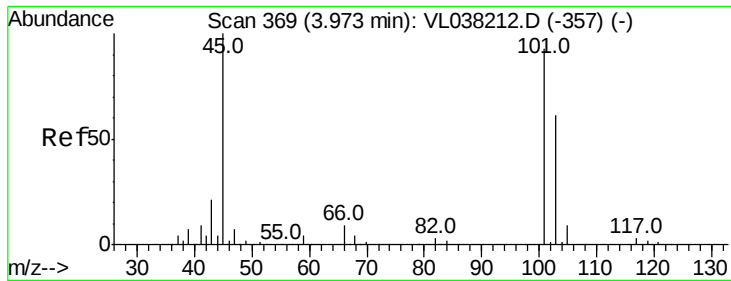


#18

1,1-Dichloroethene
Concen: 2.451 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 96 Resp: 95047
Ion Ratio Lower Upper
96 100
61 193.5 147.4 221.0
98 70.5 50.7 76.1





#19

Isopropyl Alcohol

Concen: 1.953 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

45 100

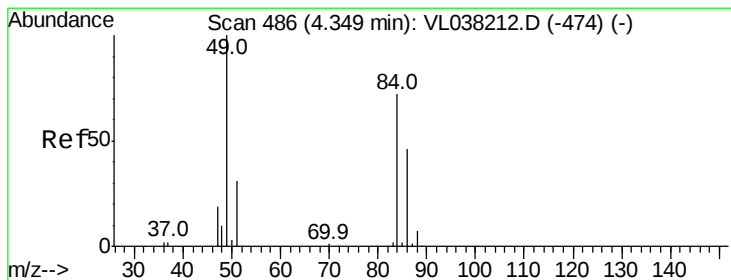
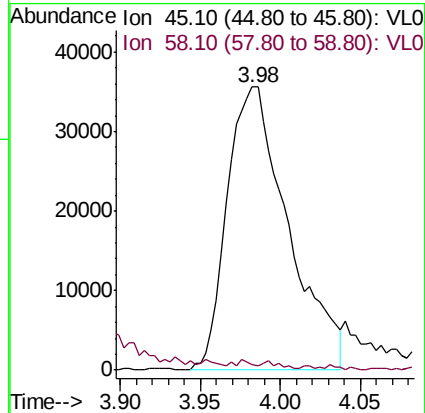
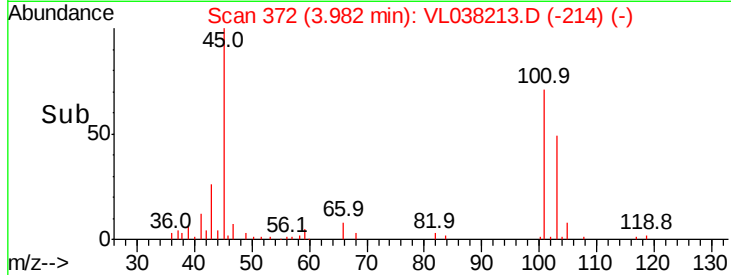
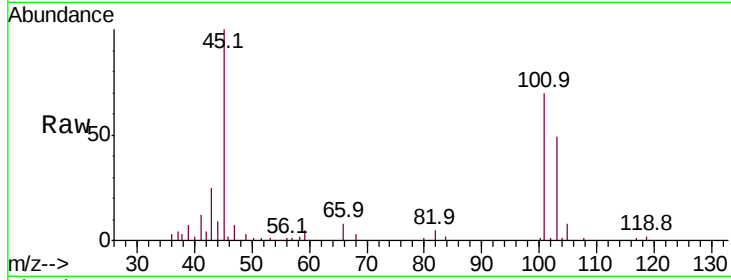
58 1.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#20

Methylene Chloride

Concen: 2.558 ppbv

RT: 4.35 min Scan# 485

Delta R.T. -0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

Tgt Ion: 84 Resp: 93858

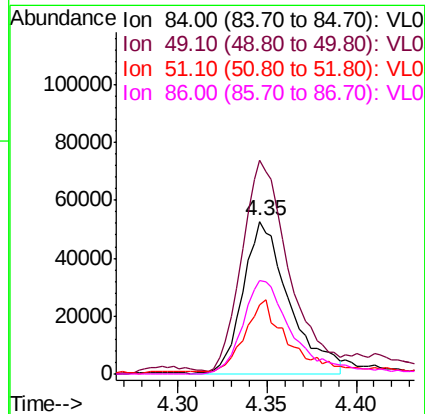
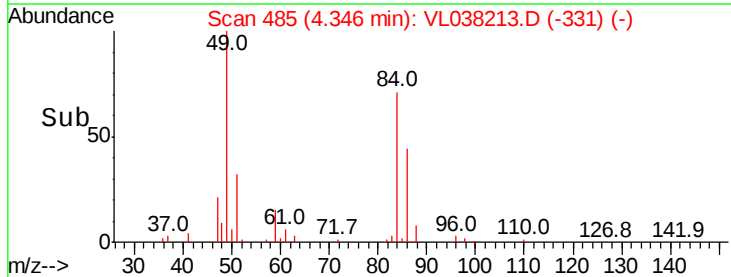
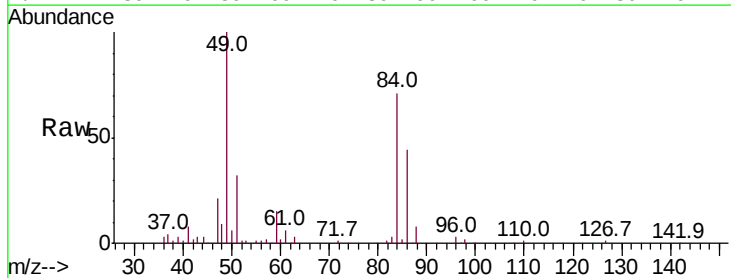
Ion Ratio Lower Upper

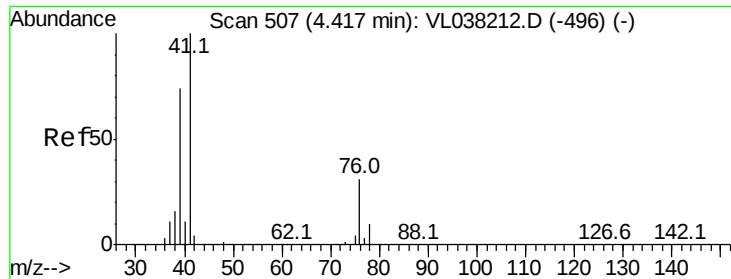
84 100

49 137.2 110.6 166.0

51 43.1 34.2 51.2

86 61.8 50.5 75.7



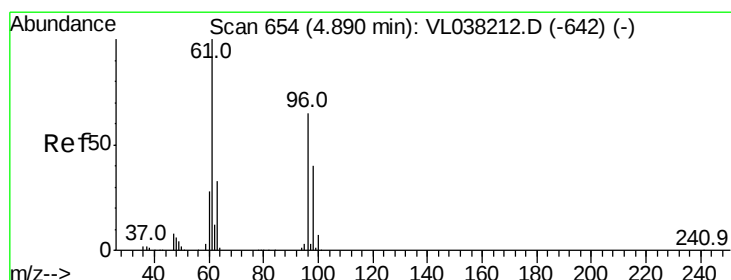
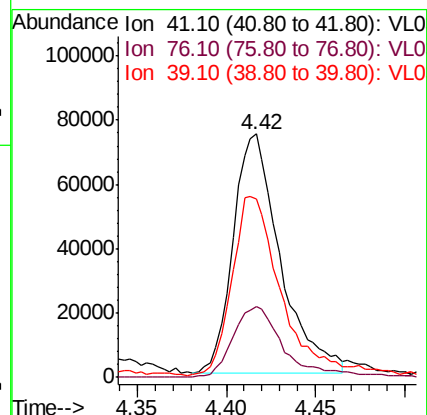
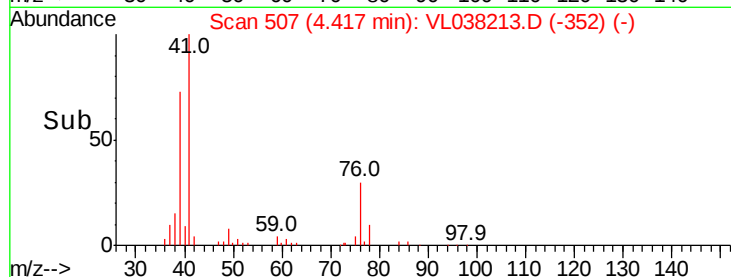
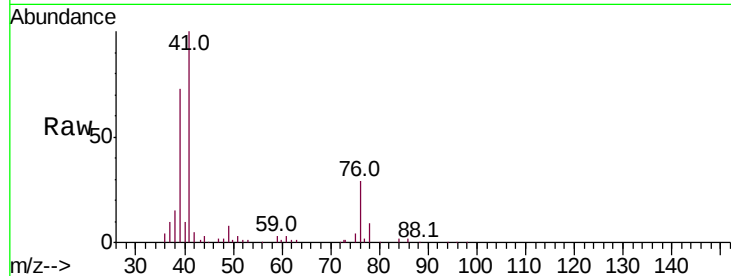


#21
Allvl Chloride
Concen: 2.245 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
41 100
76 32.
39 80.

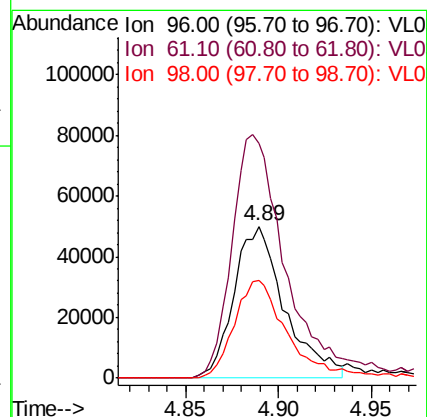
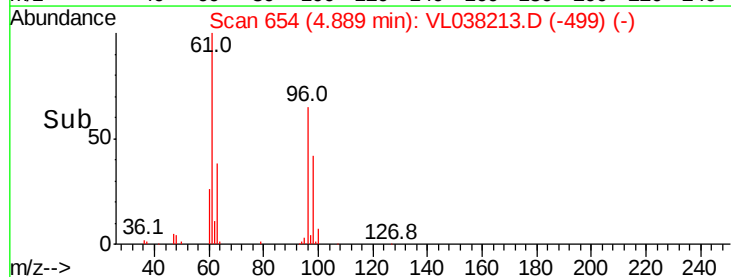
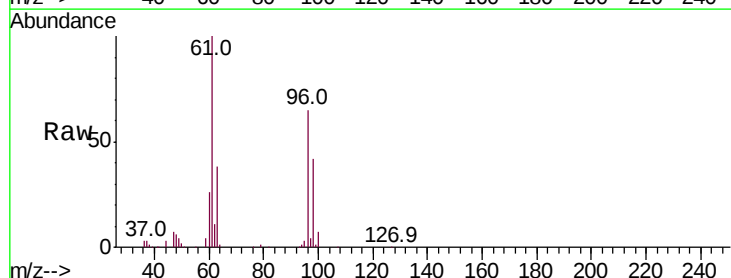
Manual Integrations
APPROVED

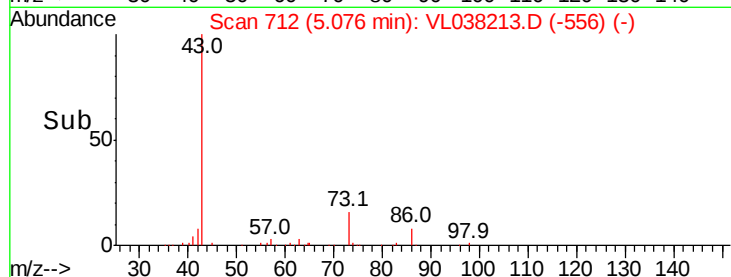
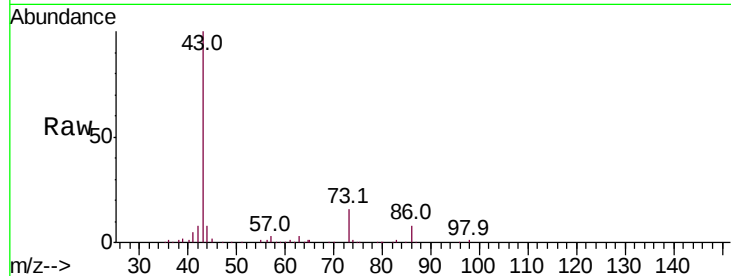
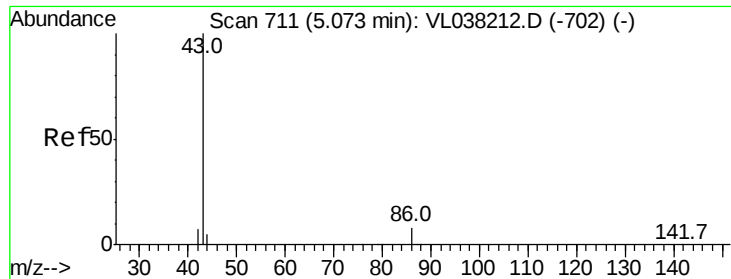
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#22
trans-1,2-Dichloroethene
Concen: 2.393 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 96 Resp: 95307
Ion Ratio Lower Upper
96 100
61 154.2 123.5 185.3
98 64.4 50.0 75.0





#23

Vinyl Acetate

Concen: 2.335 ppbv

RT: 5.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Tot Ion: Manual Integrations

Ion Ratio APPROVED

43 100

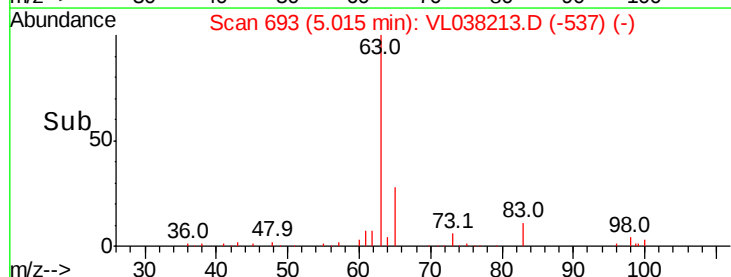
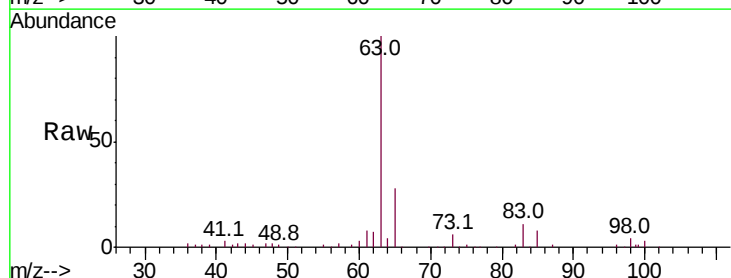
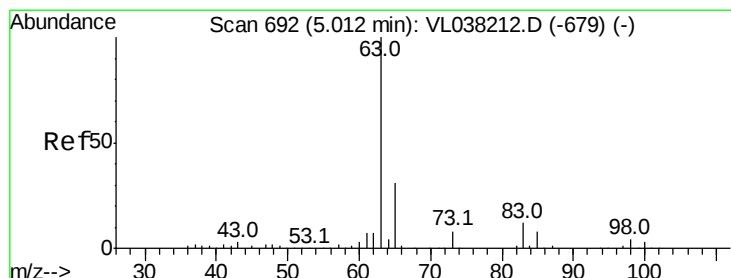
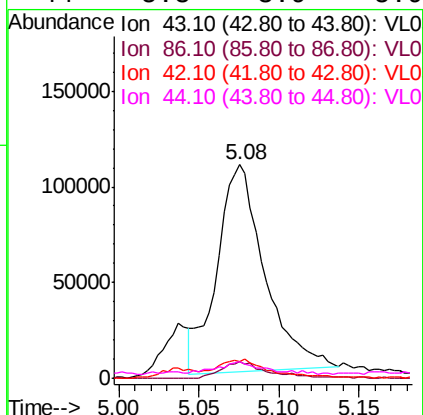
86 8.

42 7.

44 5.8 3.9 5.9

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#24

1,1-Dichloroethane

Concen: 2.488 ppbv

RT: 5.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

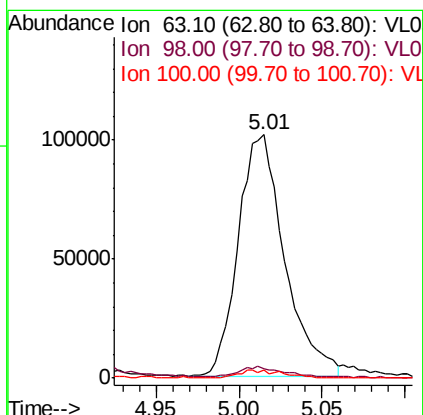
Tgt Ion: 63 Resp: 198876

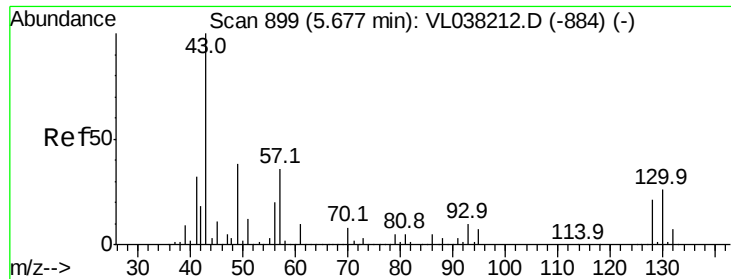
Ion Ratio Lower Upper

63 100

98 4.0 2.2 6.6

100 3.3 1.5 4.4



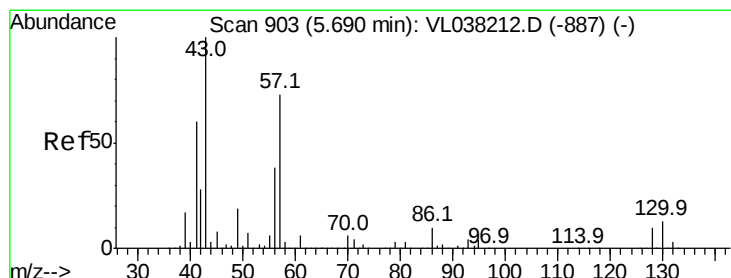
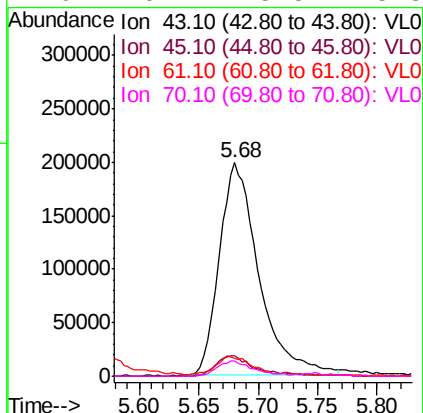
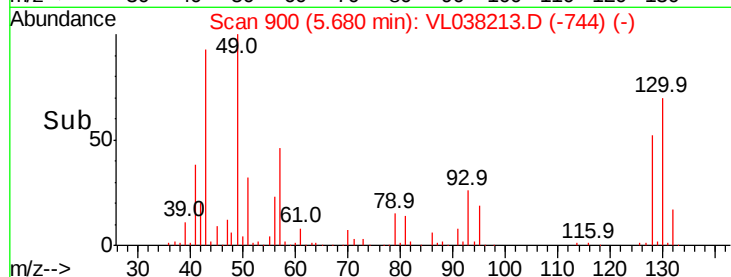
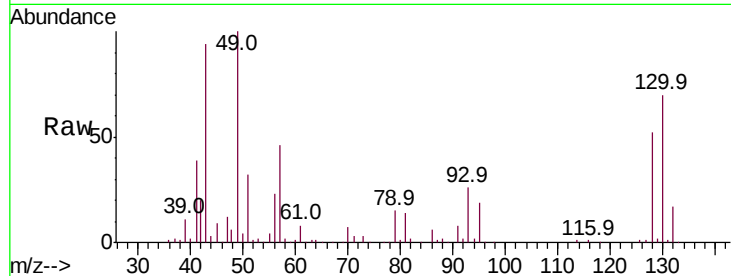


#25
Ethyl Acetate
Concen: 2.133 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.7 5.5 8.3

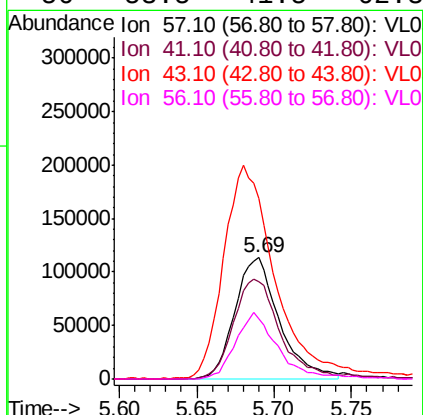
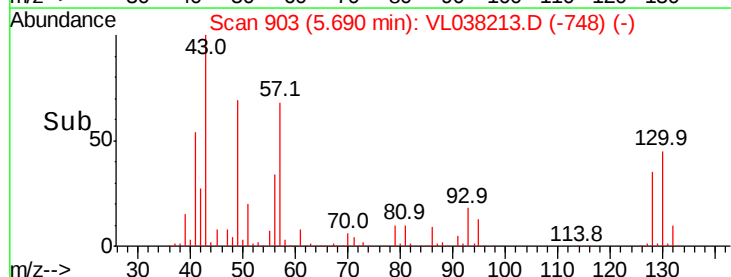
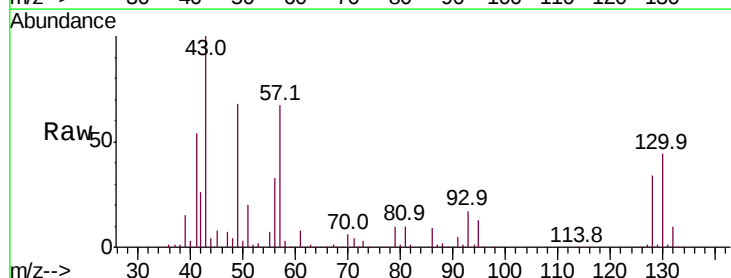
Manual Integrations
APPROVED

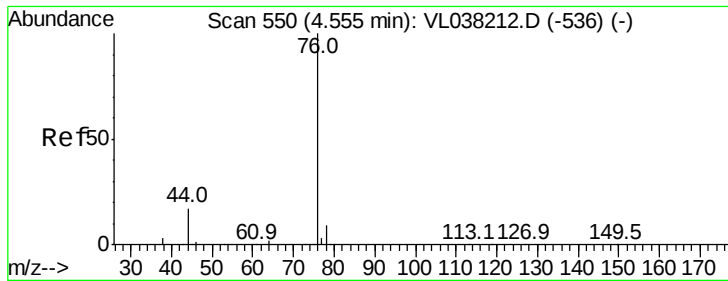
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 2.186 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 57 Resp: 226516
Ion Ratio Lower Upper
57 100
41 89.4 69.0 103.6
43 208.7 171.2 256.8
56 53.5 41.5 62.3





#27

Carbon Disulfide

Concen: 2.140 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.01

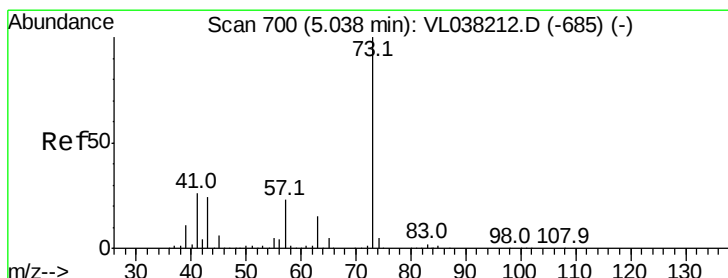
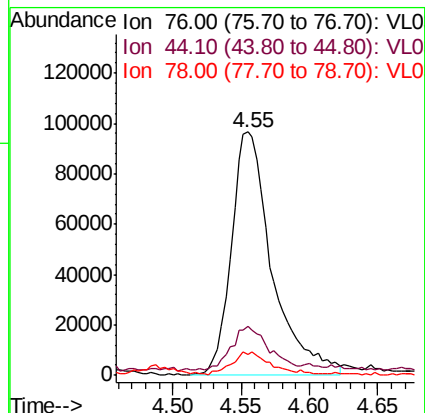
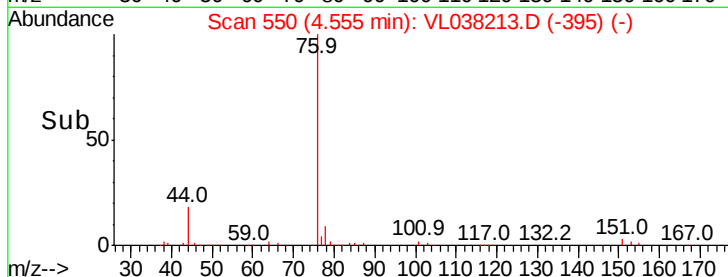
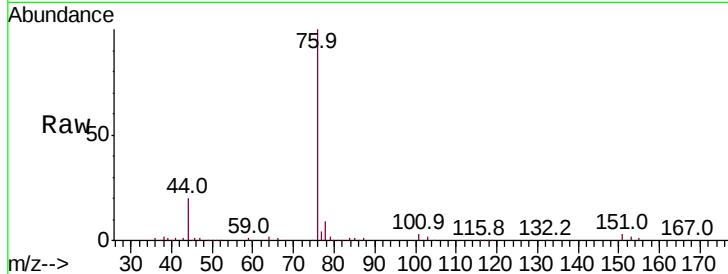
Lab File: VSTDIC002

Acq: 21 Dec 2021 14:02

Manual Integrations
APPROVED

Tot Ion:
Ion Ratio
76 100
44 19.
78 10.

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



#28

Methyl tert-Butyl Ether

Concen: 2.516 ppbv

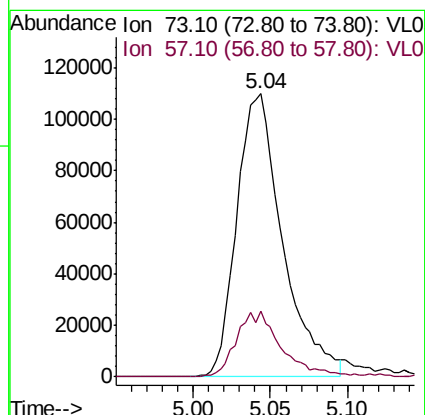
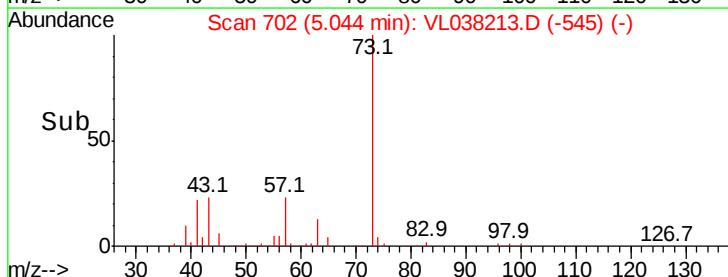
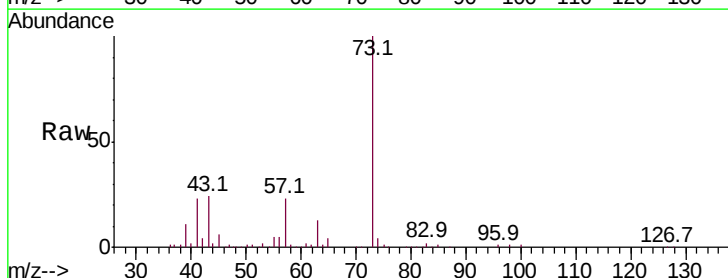
RT: 5.04 min Scan# 702

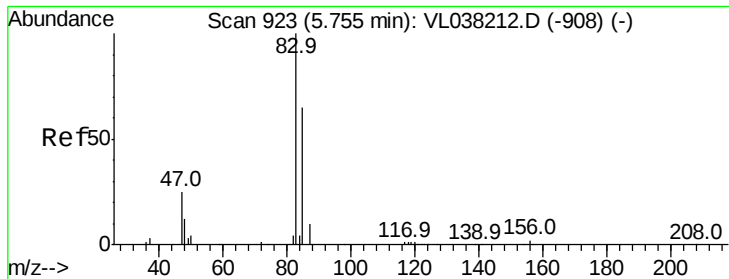
Delta R.T. 0.01 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

Tgt Ion: 73 Resp: 226667
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2



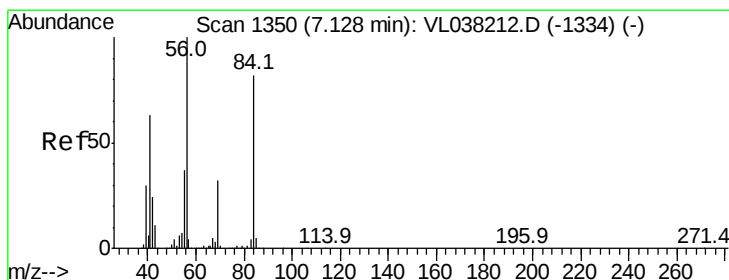
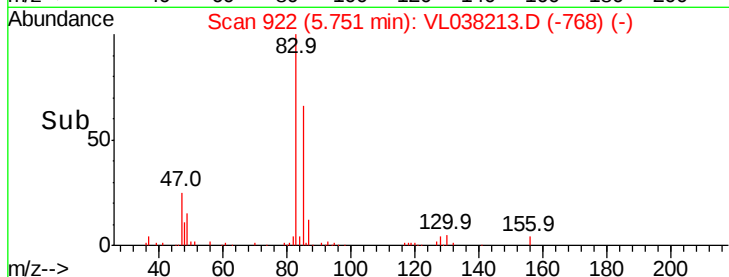
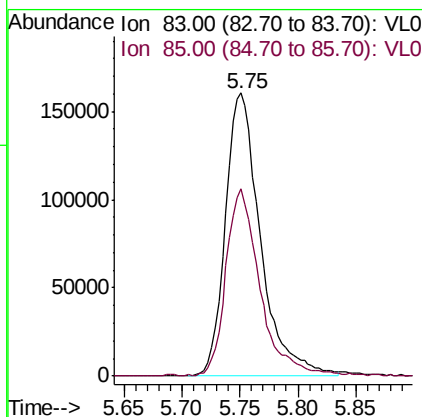
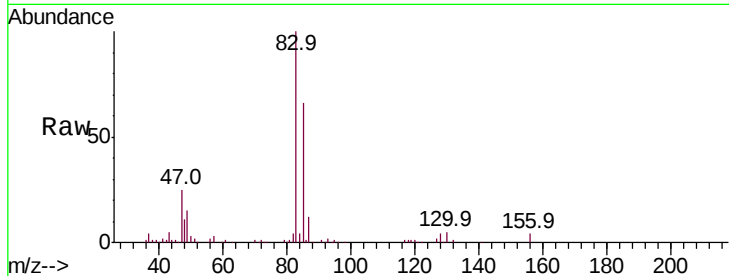


#29
Chloroform
Concen: 2.215 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
83 100
85 65.

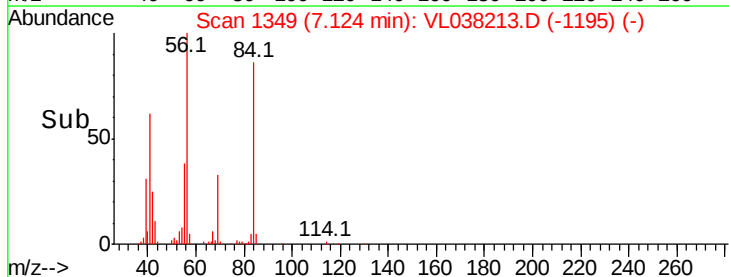
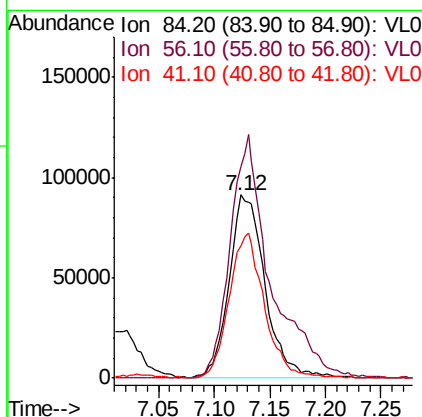
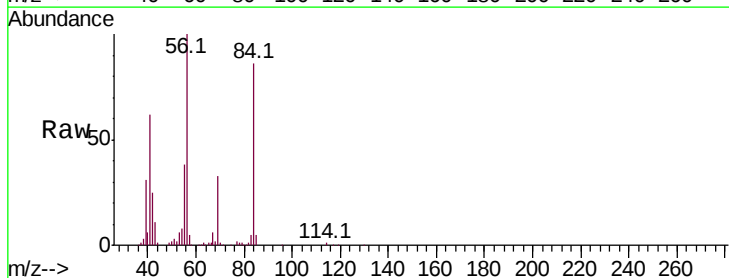
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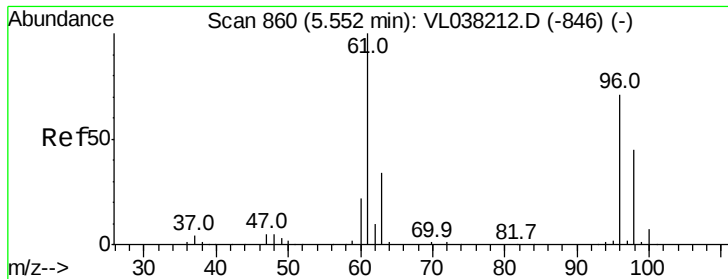
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 2.188 ppbv m
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 84 Resp: 206232
Ion Ratio Lower Upper
84 100
56 149.5 105.2 157.8
41 76.8 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 1.759 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC002

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

61 100

96 73.

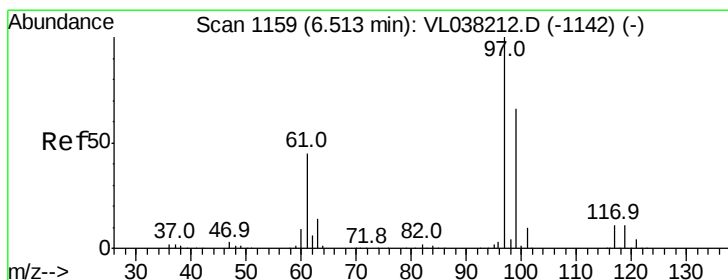
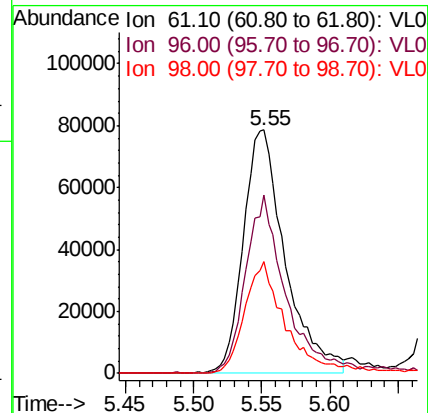
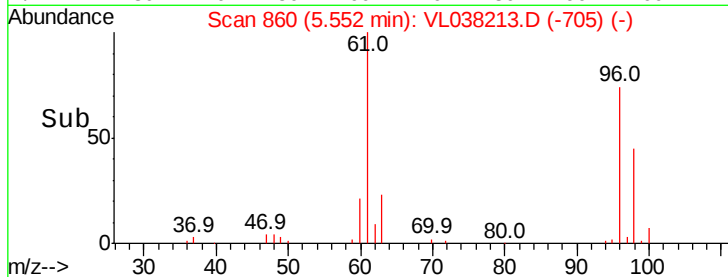
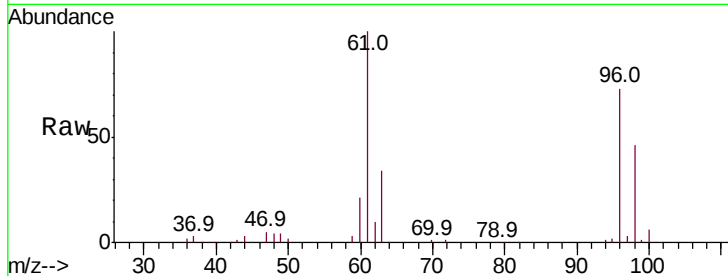
98 45.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#32

1,1,1-Trichloroethane

Concen: 2.139 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

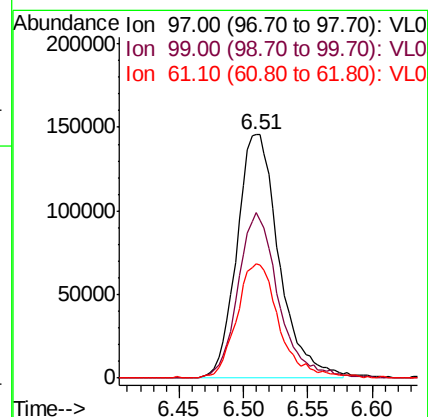
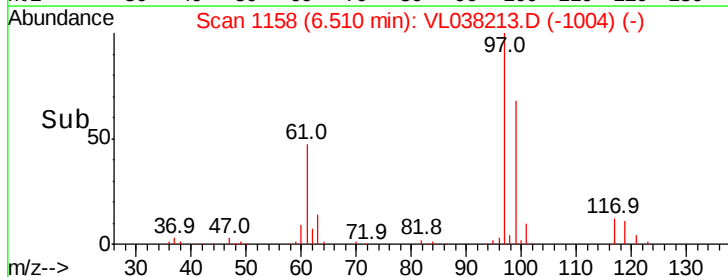
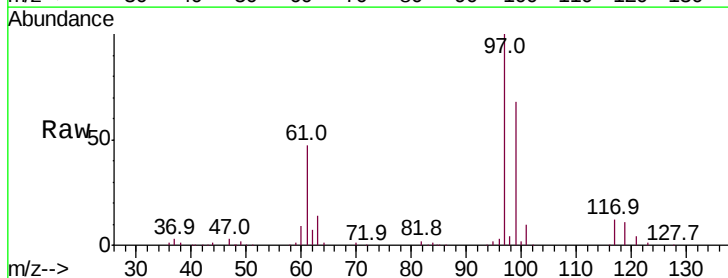
Tgt Ion: 97 Resp: 331505

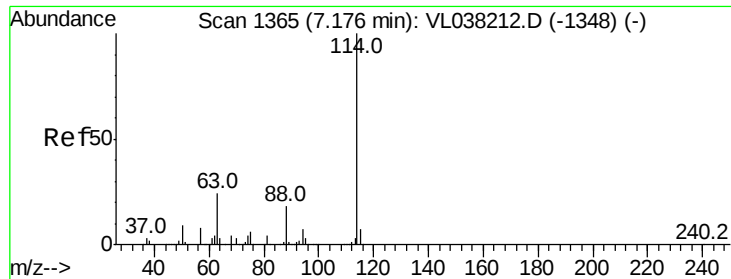
Ion Ratio Lower Upper

97 100

99 65.7 52.4 78.6

61 48.1 37.2 55.8



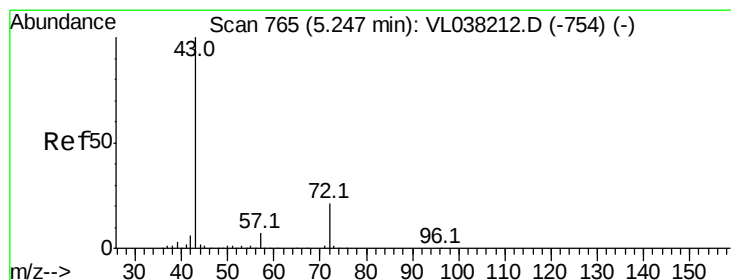
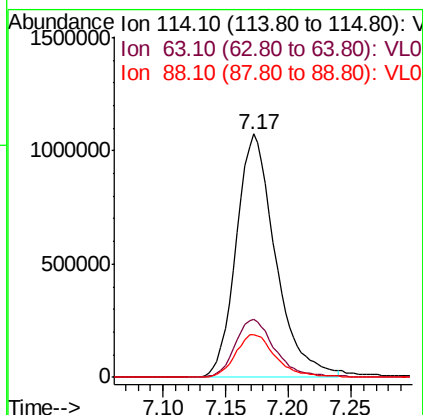
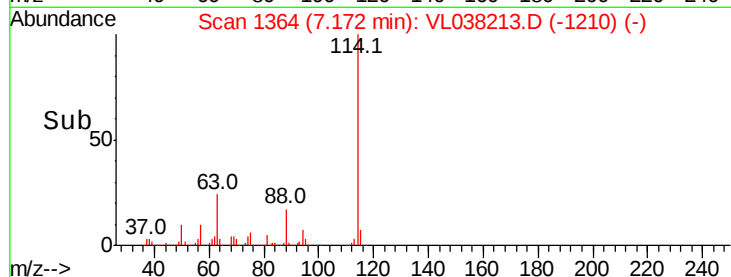
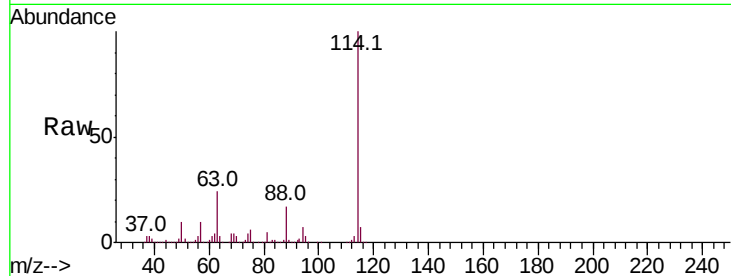


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

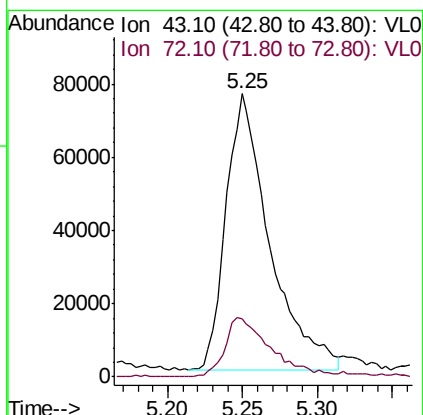
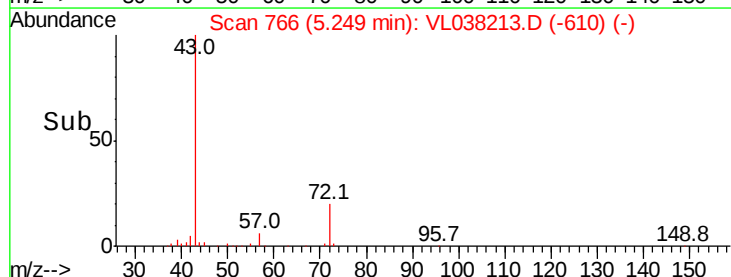
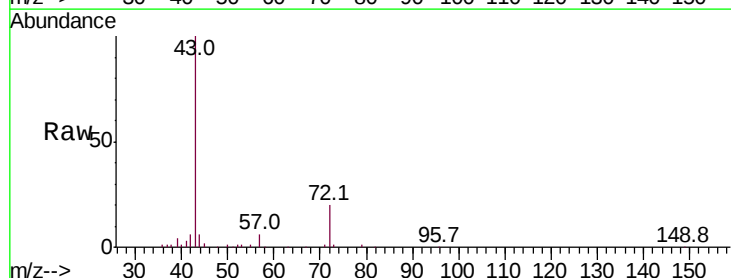
Manual Integrations
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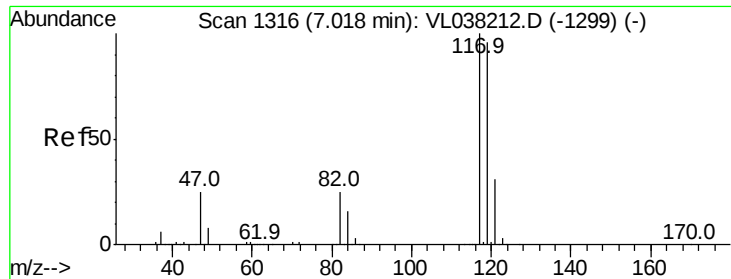
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#34
 2-Butanone
 Concen: 1.694 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion: 43 Resp: 153556
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.3 27.5



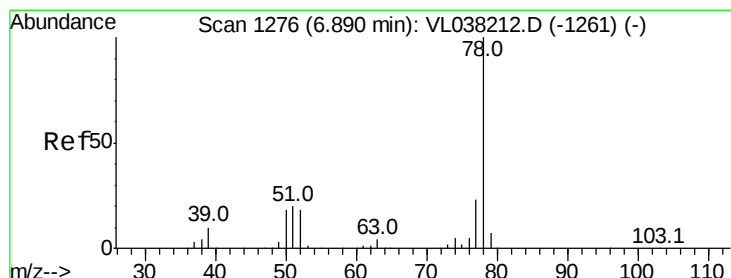
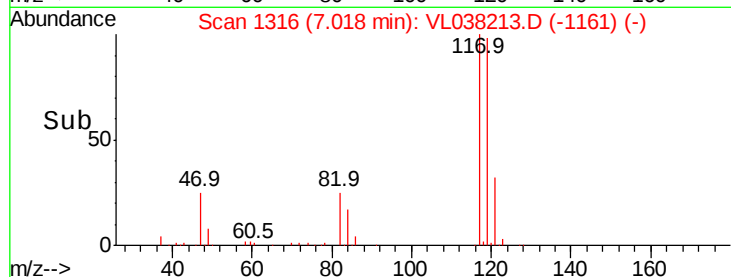
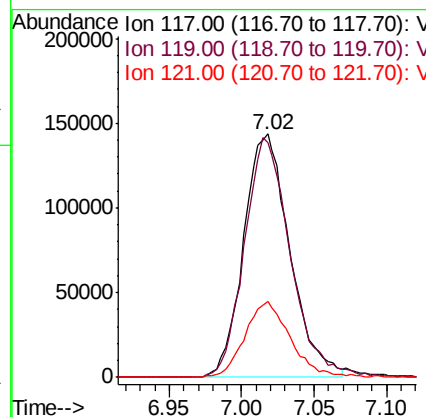
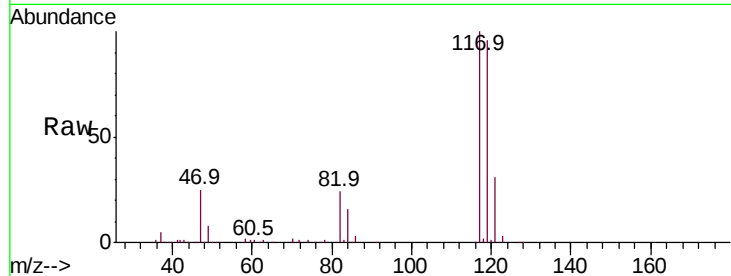


#35
Carbon Tetrachloride
Concen: 1.961 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 14:02

Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

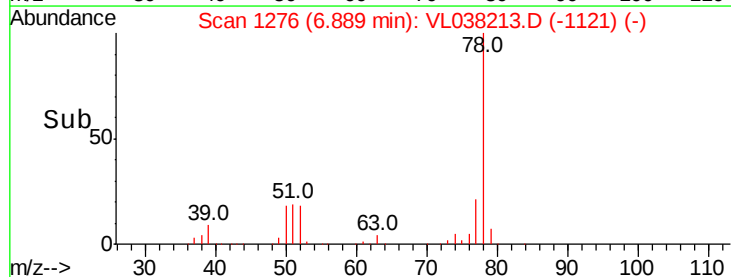
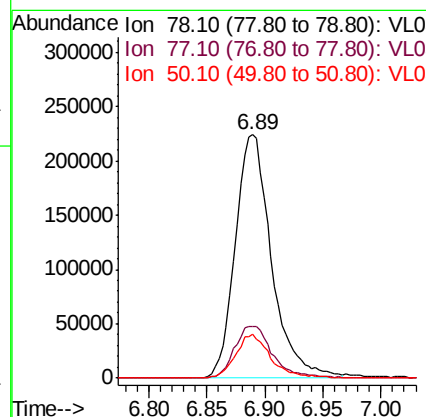
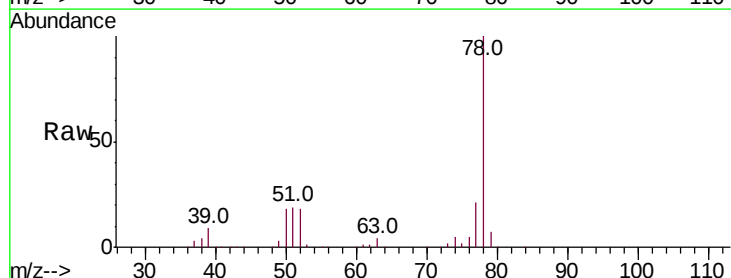
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APPROVED

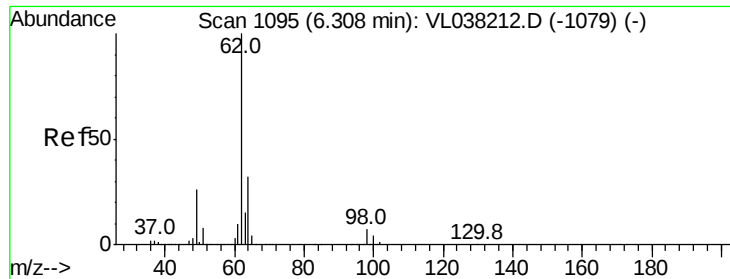
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#36
Benzene
Concen: 2.103 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 78 Resp: 484701
Ion Ratio Lower Upper
78 100
77 21.4 18.2 27.4
50 18.2 14.3 21.5



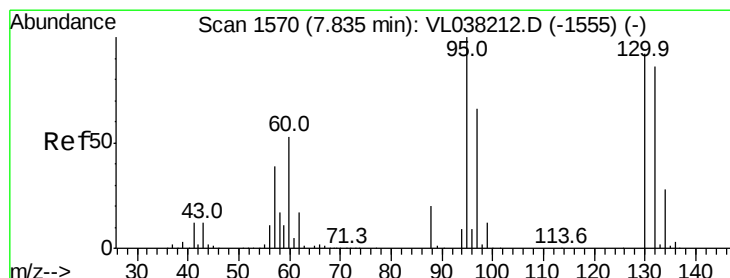
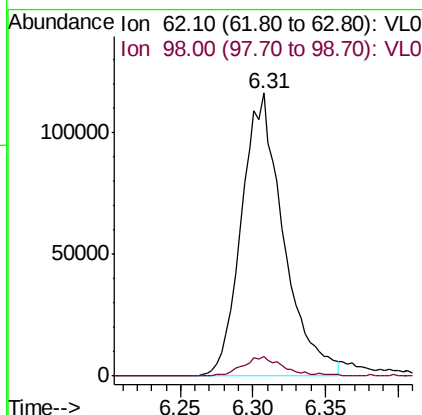
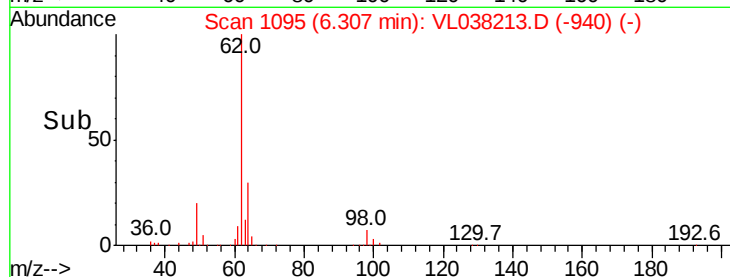
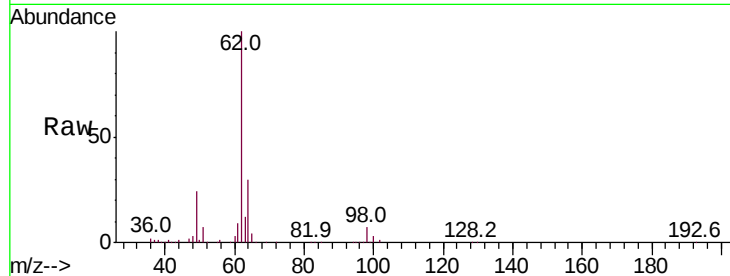


#37
 1,2-Dichloroethane
 Concen: 2.096 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:
 Ion Ratio
 62 100
 98 7.

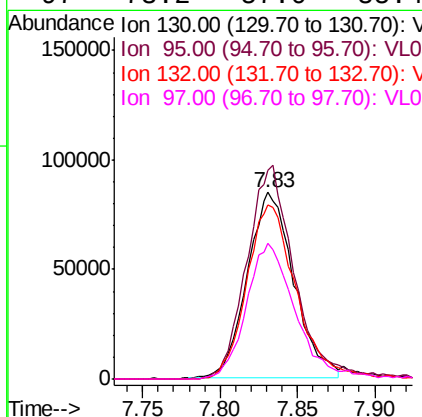
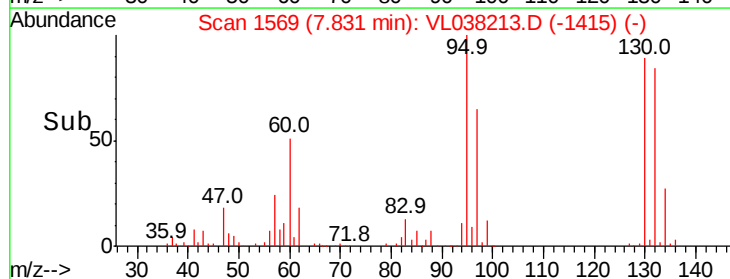
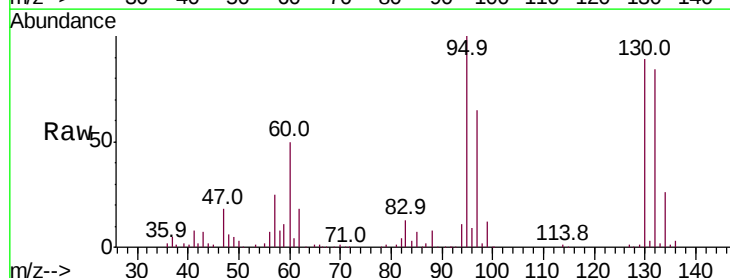
Manual Integrations
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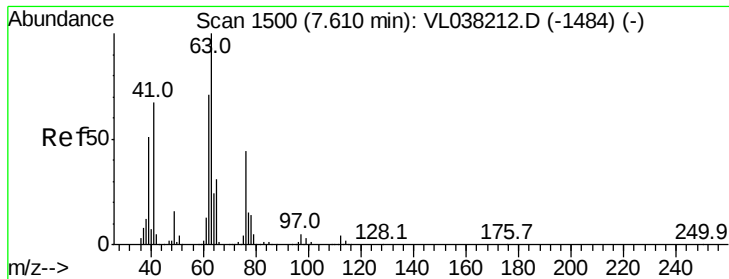
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#38
 Trichloroethene
 Concen: 2.033 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:130 Resp: 177362
 Ion Ratio Lower Upper
 130 100
 95 112.8 87.0 130.4
 132 94.2 75.1 112.7
 97 73.2 57.0 85.4



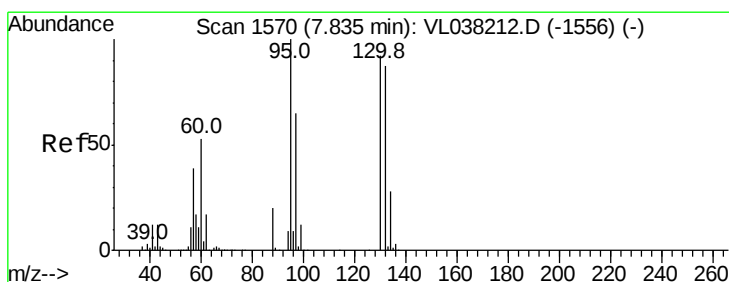
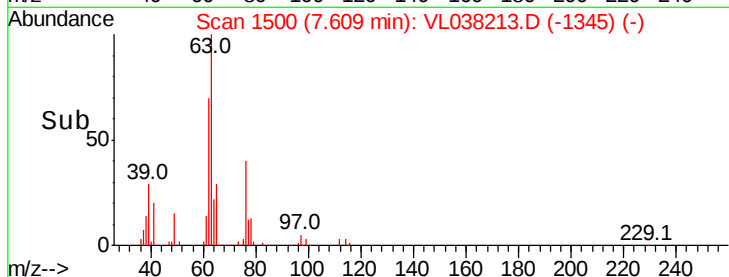
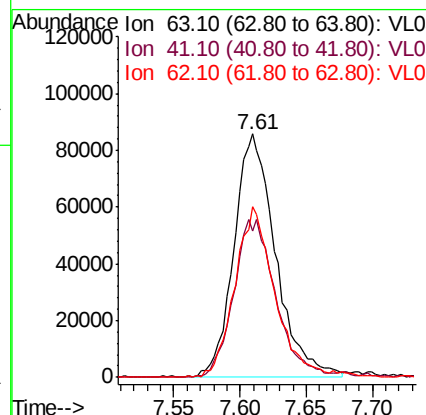
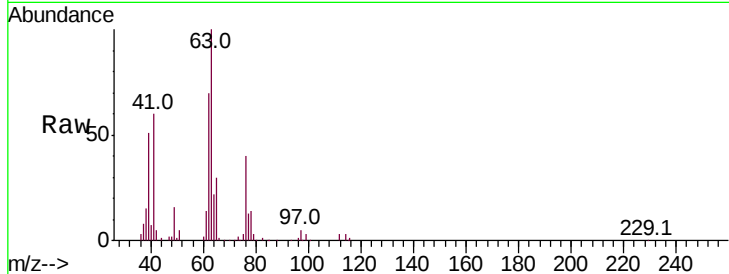


#39
 1,2-Dichloropropane
 Concen: 2.102 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 14:02

Tot Ion:
 Ion Ratio
 63 100
 41 60.
 62 70.

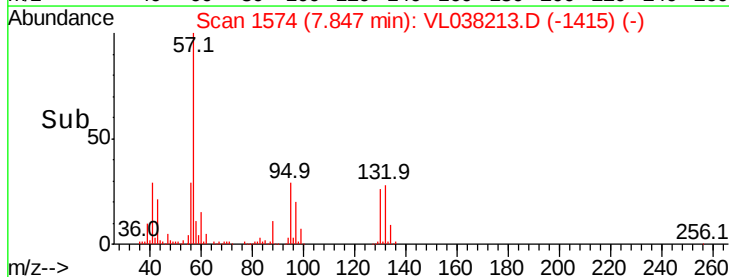
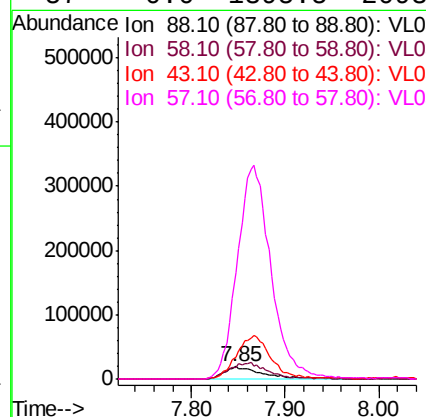
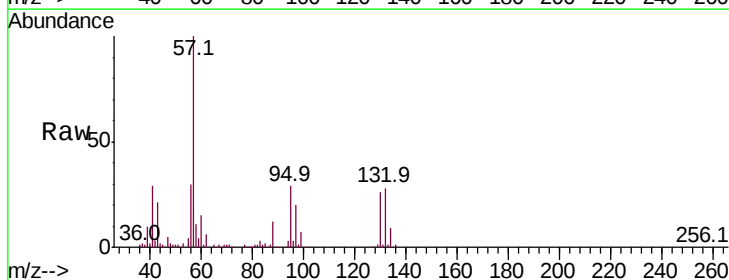
Manual Integrations
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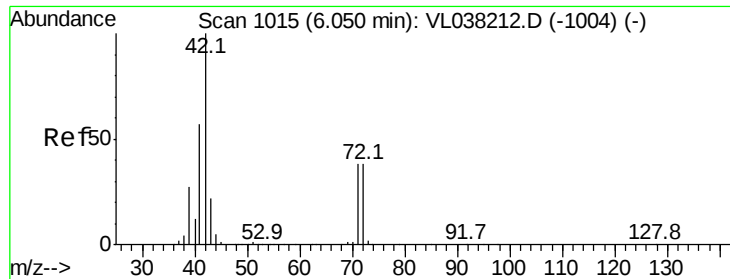
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#40
 1,4-Dioxane
 Concen: 2.363 ppbv m
 RT: 7.85 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion: 88 Resp: 54191
 Ion Ratio Lower Upper
 88 100
 58 0.0 127.8 191.8#
 43 0.0 301.0 451.6#
 57 0.0 1395.5 2093.3#



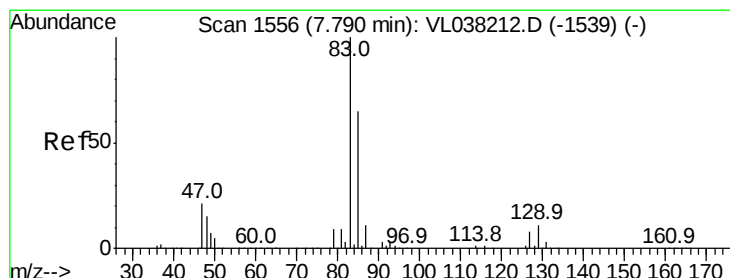
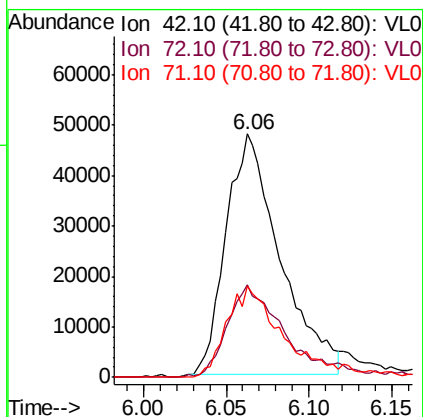
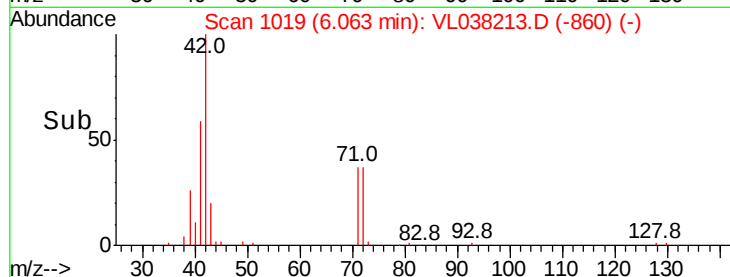
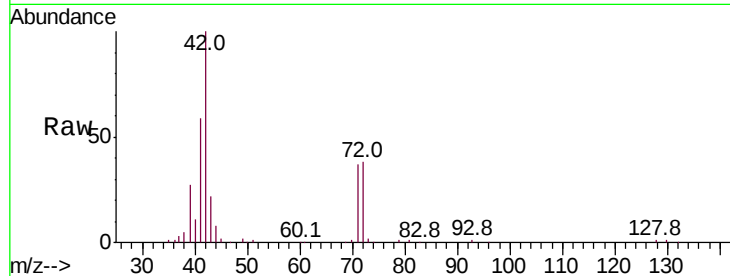


#41
Tetrahydrofuran
Concen: 1.866 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
42 100
72 42.1
71 40.1

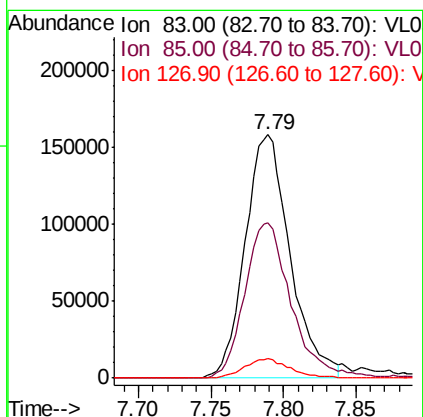
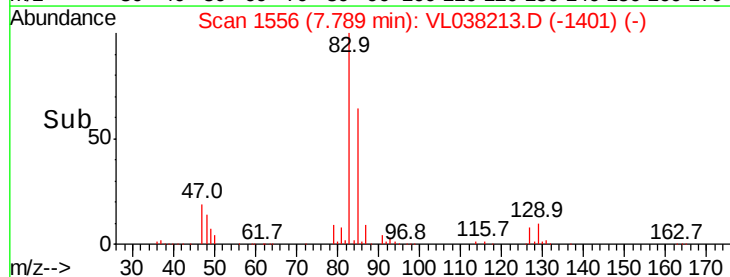
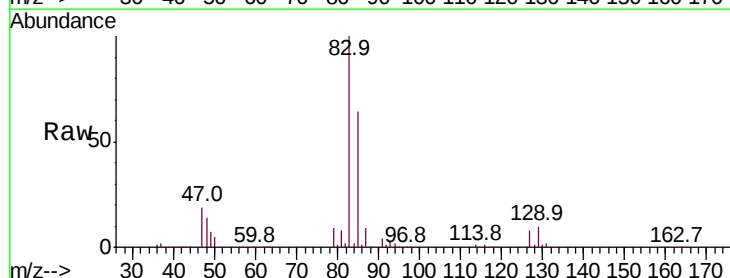
Manual Integrations
APPROVED

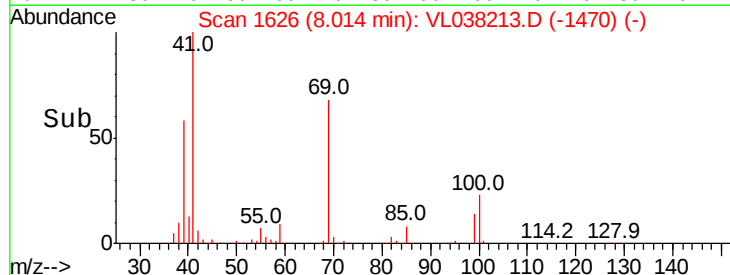
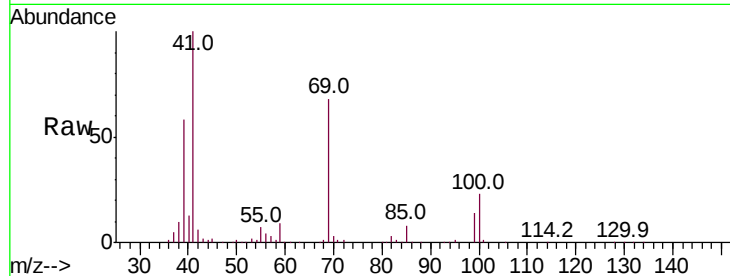
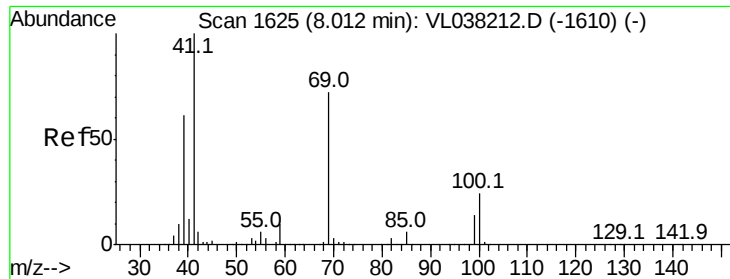
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#42
Bromodichloromethane
Concen: 2.015 ppbv
RT: 7.79 min Scan# 1556
Delta R.T.: -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 83 Resp: 342194
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 7.9 6.1 9.1



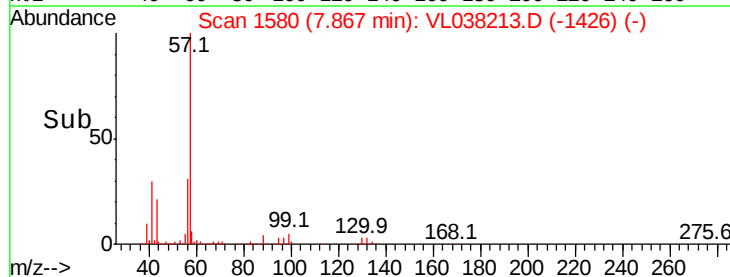
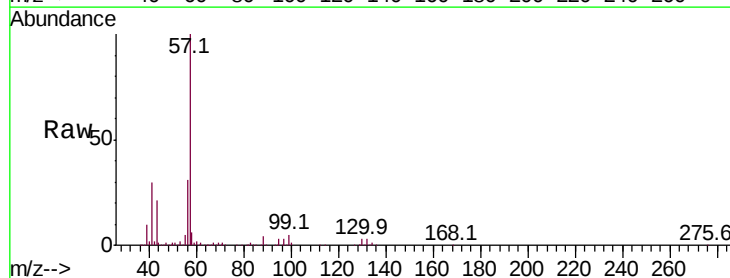
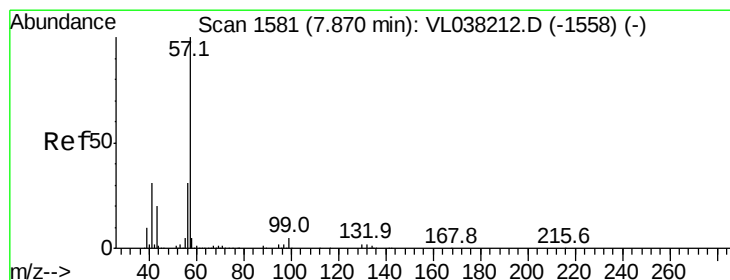
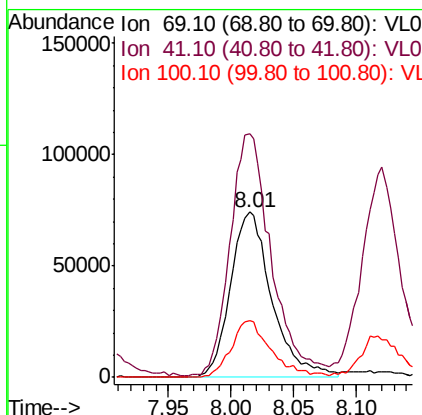


#43
Methvl Methacrvlate
Concen: 2.166 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
69 100
41 145.
100 33.

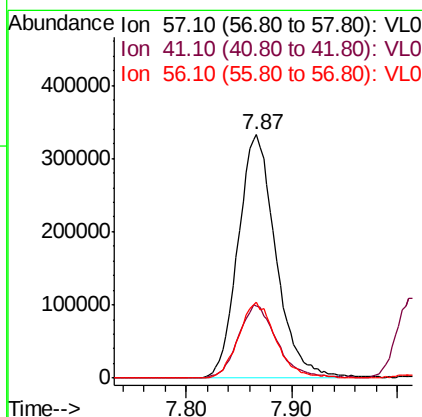
Manual Integrations
APPROVED

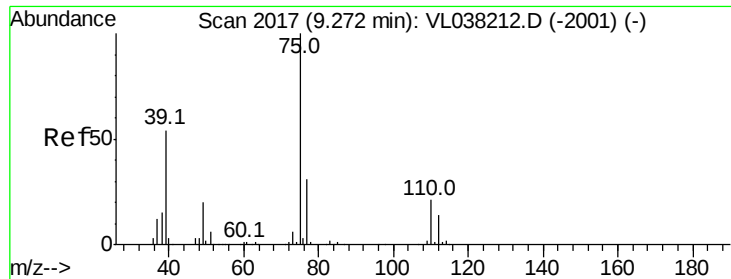
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#44
2,2,4-Trimethylpentane
Concen: 2.140 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 57 Resp: 827386
Ion Ratio Lower Upper
57 100
41 30.6 24.9 37.3
56 31.1 24.8 37.2





#45

t-1,3-Dichloropropene

Concen: 1.866 ppbv m

RT: 9.27

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Tot Ion:

Ion Ratio

75 100

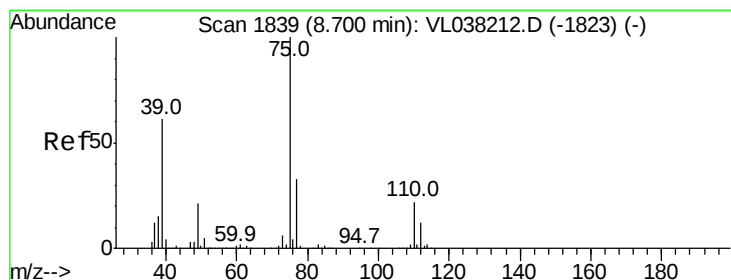
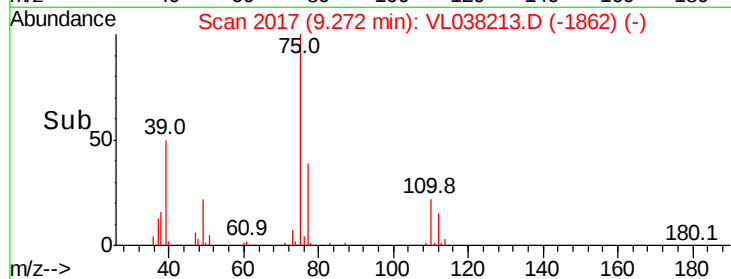
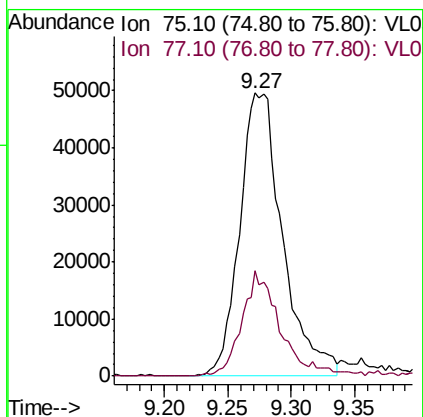
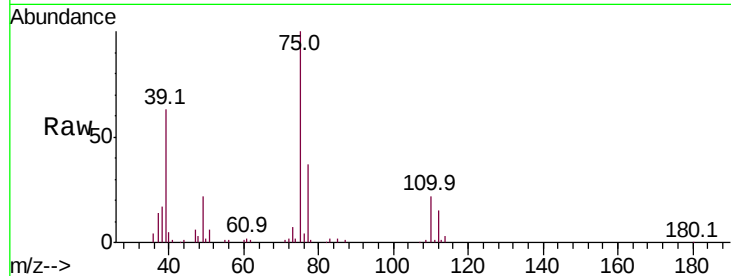
77 37.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#46

cis-1,3-Dichloropropene

Concen: 1.939 ppbv

RT: 8.70 min Scan# 1839

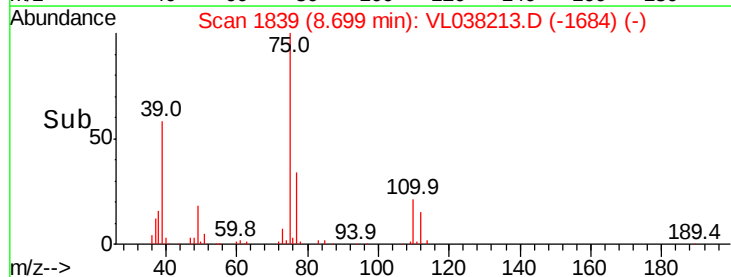
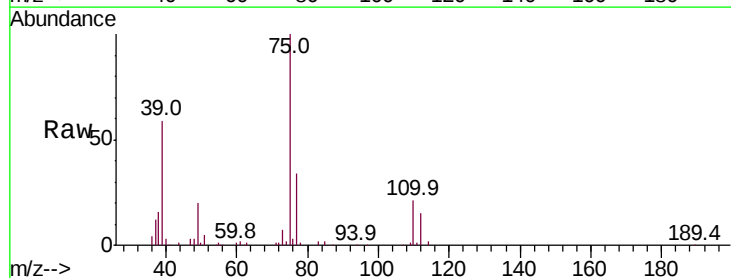
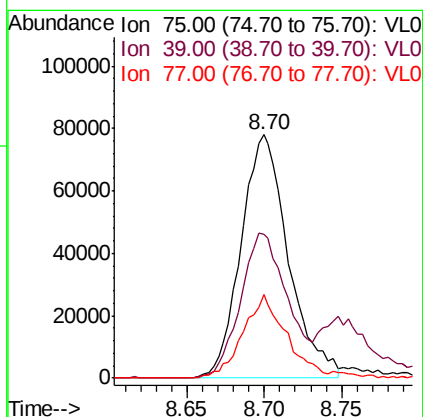
Delta R.T. -0.00 min

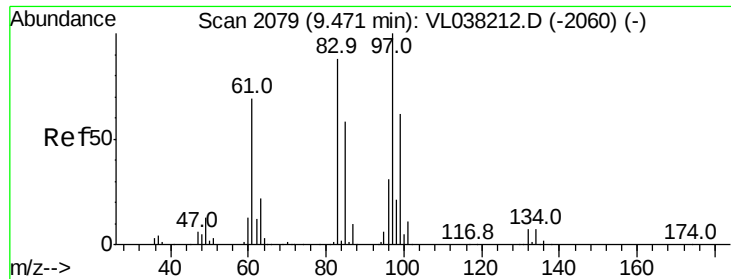
Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

Tgt Ion: 75 Resp: 165869

Ion	Ratio	Lower	Upper
75	100		
39	58.9	48.9	73.3
77	34.2	26.2	39.2



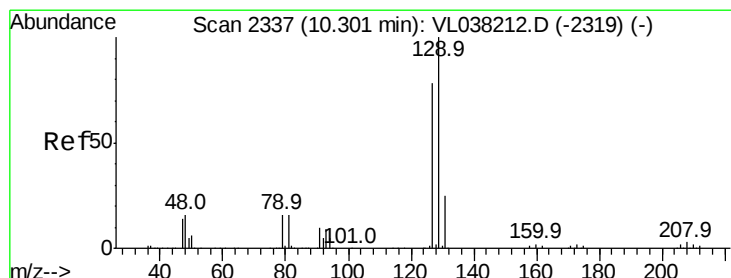
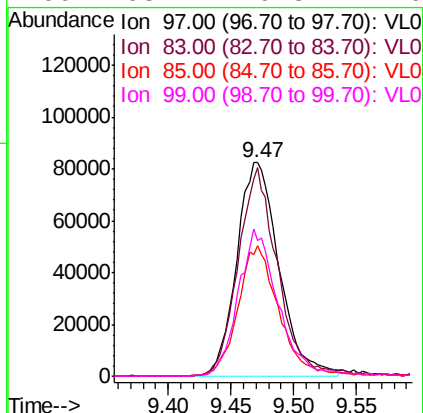
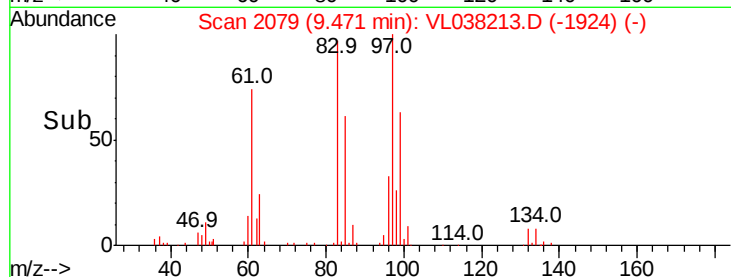
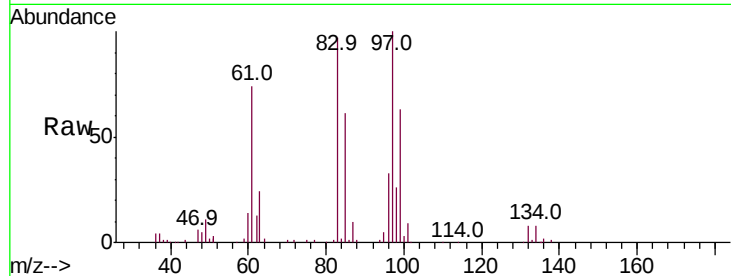


#47
 1,1,2-Trichloroethane
 Concen: 2.093 ppbv
 RT: 9.47 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio: 100
 97 100
 83 97.0
 85 61.0
 99 63.4 49.8 74.6

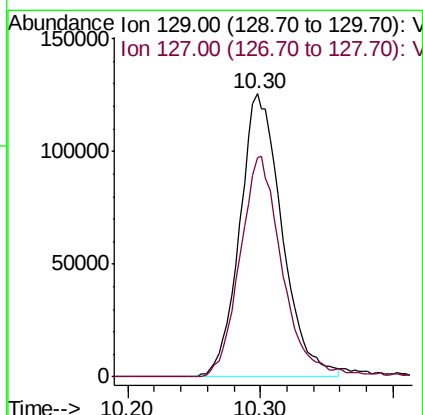
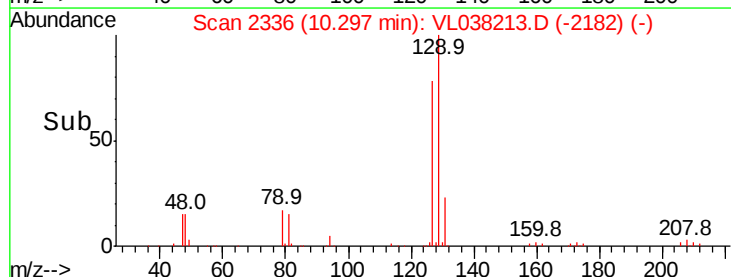
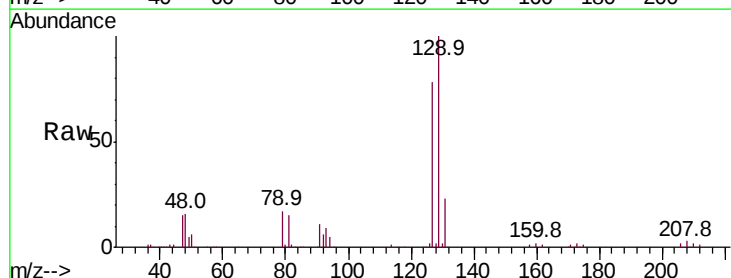
Manual Integrations
 APPROVED

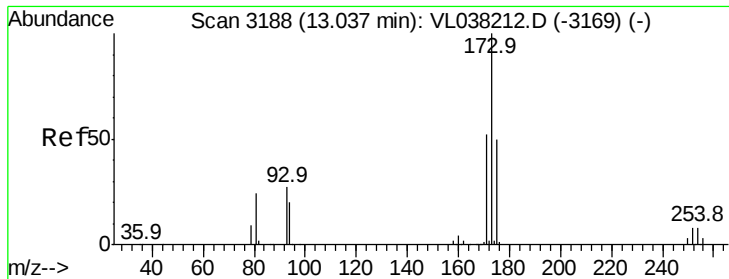
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#48
 Dibromochloromethane
 Concen: 1.988 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: -0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:129 Resp: 278355
 Ion Ratio Lower Upper
 129 100
 127 78.8 40.2 120.6





#49

Bromoform

Concen: 2.043 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 21 Dec 2021 14:02

Instrument:

MSVOA_L

ClientSampleId:

VSTDIC002

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

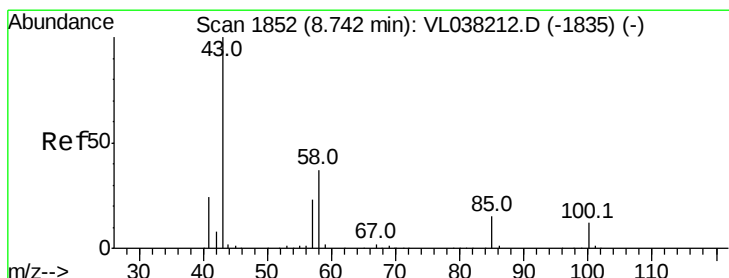
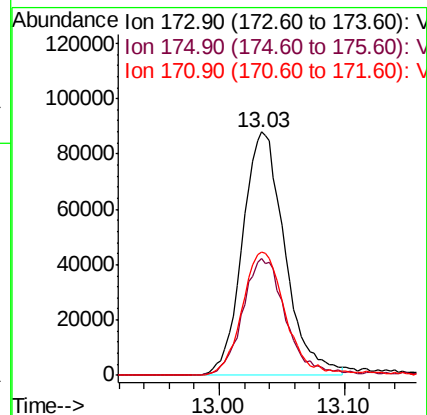
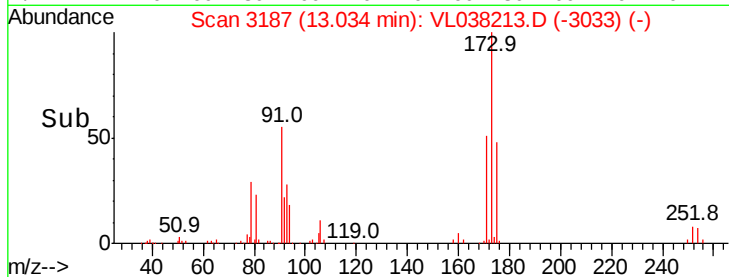
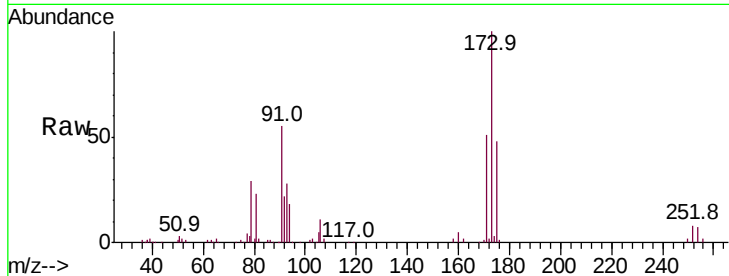
Tot Ion:1

Ion Ratio

173 100

175 49.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 2.107 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL038213.D

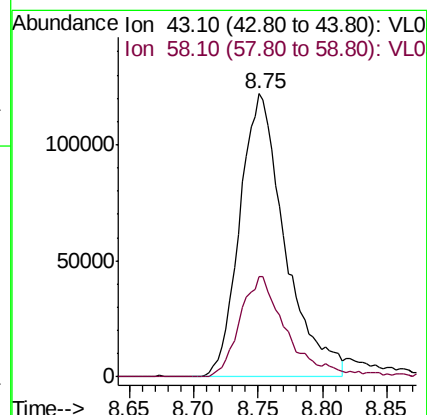
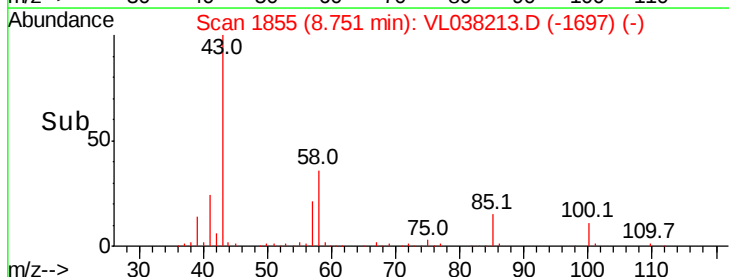
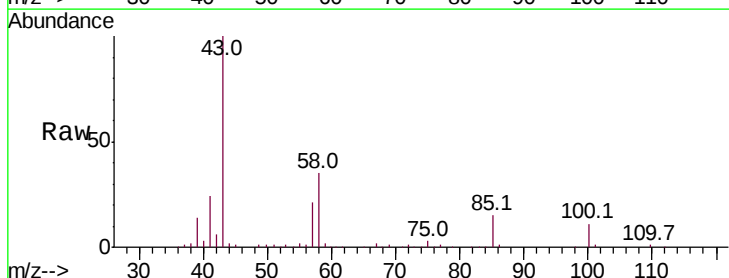
Acq: 21 Dec 2021 14:02

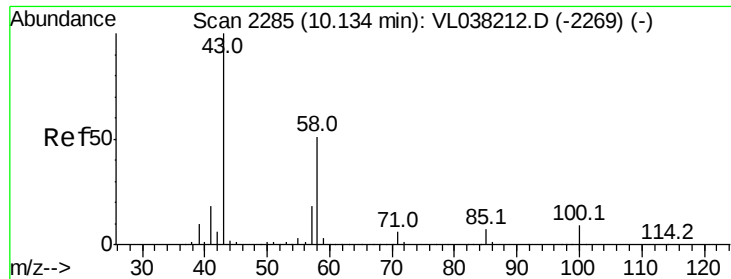
Tgt Ion: 43 Resp: 297505

Ion Ratio Lower Upper

43 100

58 37.7 29.4 44.2



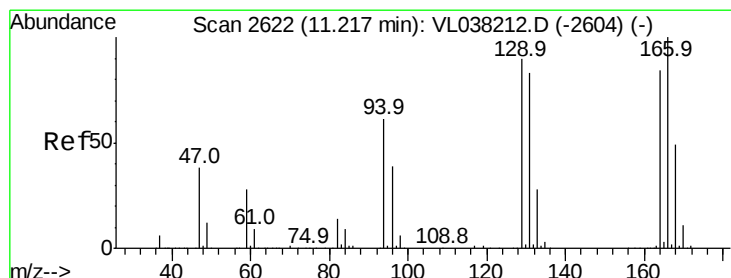
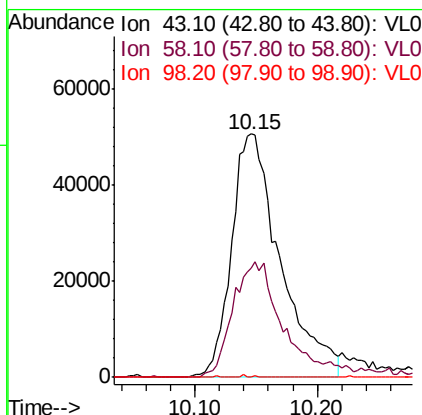
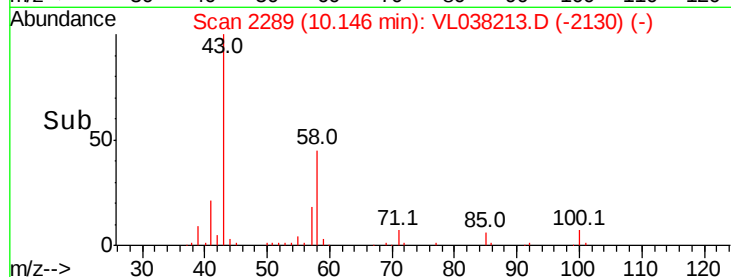
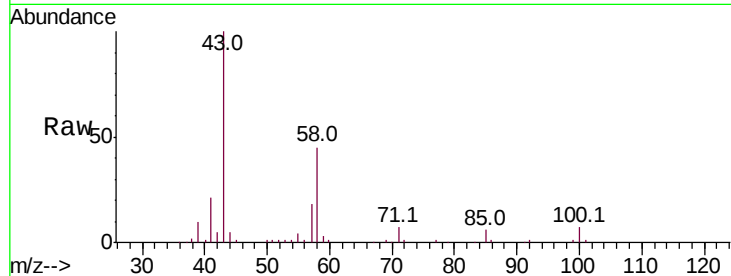


#51
2-Hexanone
Concen: 2.127 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 14:02

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

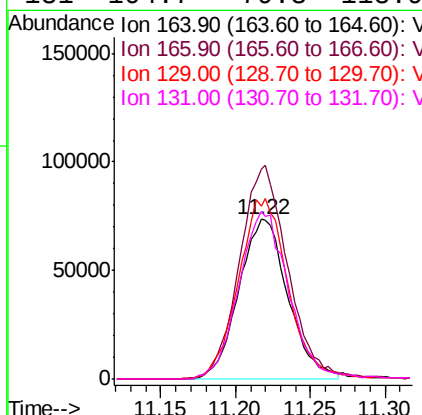
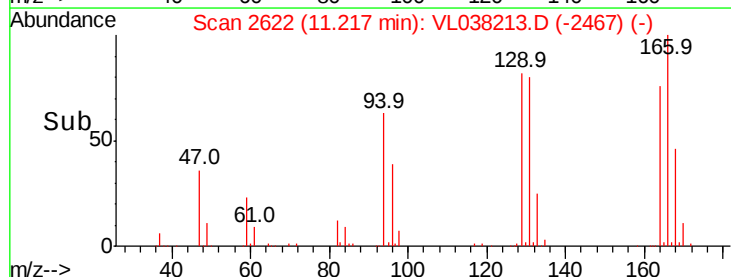
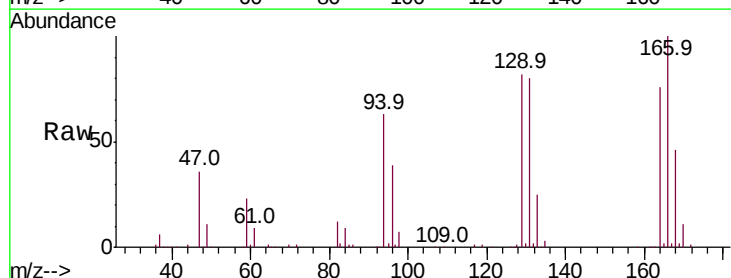
Manual Integrations
APPROVED

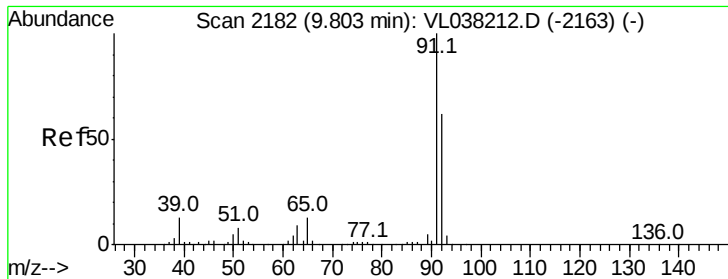
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#52
Tetrachloroethene
Concen: 1.948 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion:164 Resp: 167073
Ion Ratio Lower Upper
164 100
166 130.4 95.6 143.4
129 107.9 85.8 128.8
131 104.7 79.3 118.9





#53

Toluene

Concen: 2.117 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 14:02 VSTDIC002

Tot Ion:

Ion Ratio

91 100

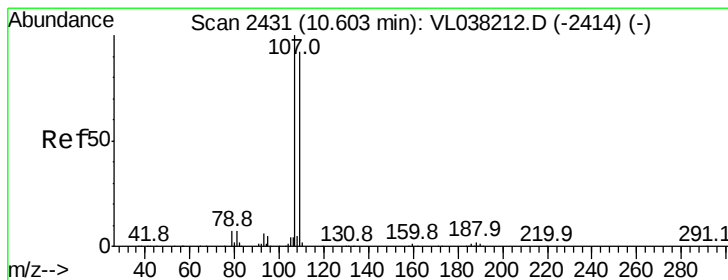
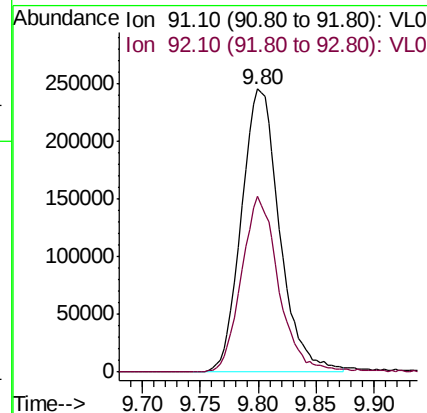
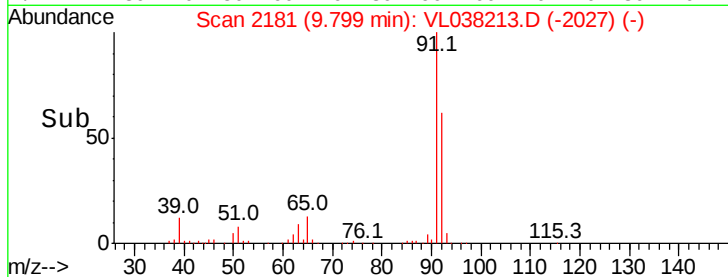
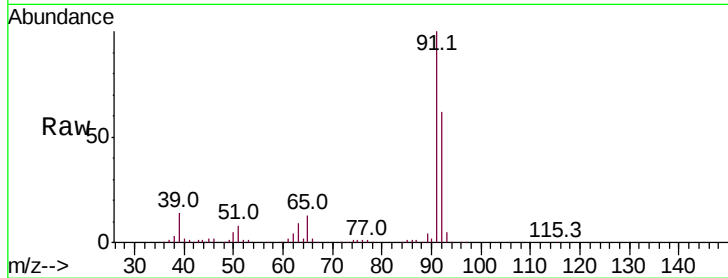
92 61.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 2.089 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VL038213.D

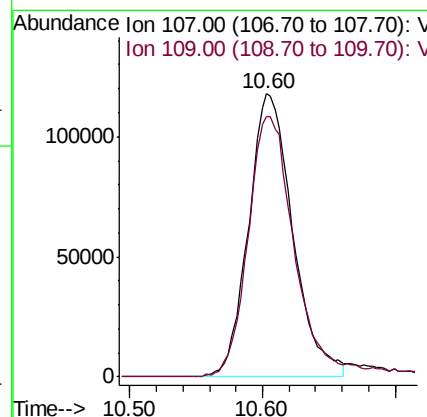
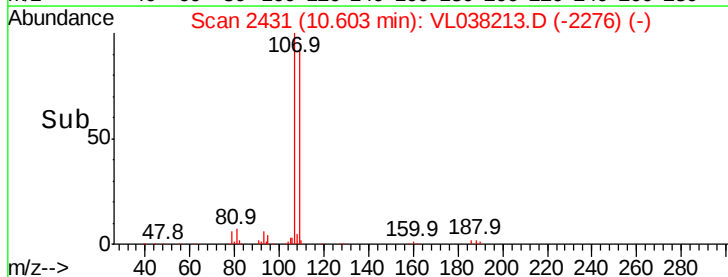
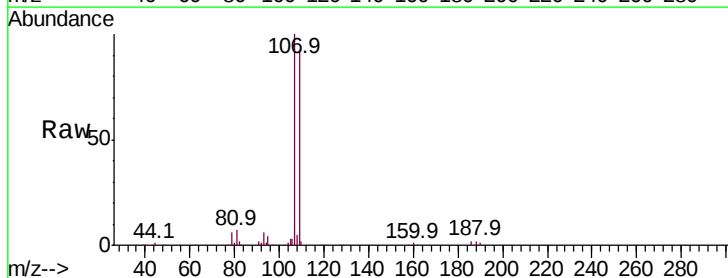
Acq: 21 Dec 2021 14:02

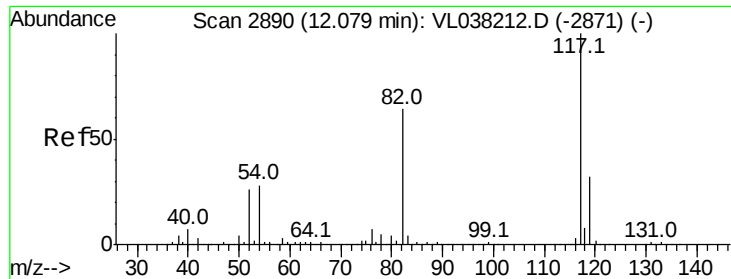
Tgt Ion:107 Resp: 273388

Ion Ratio Lower Upper

107 100

109 91.9 73.3 109.9



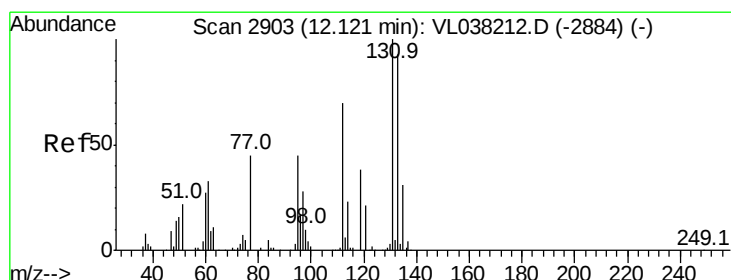
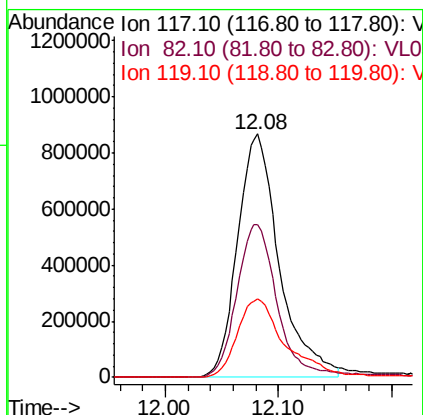
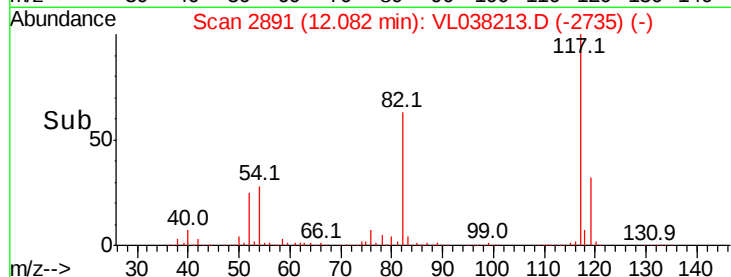
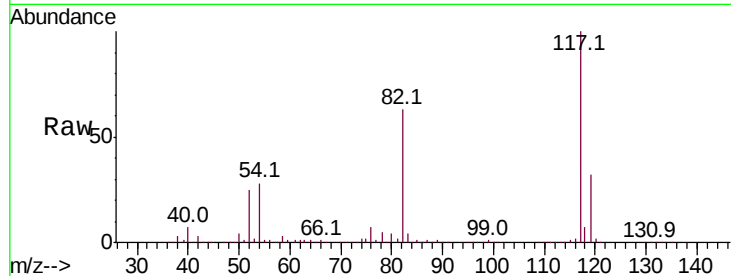


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 21 Dec 2021 14:02

Tot Ion:1
Ion Rati
117 100
82 63.
119 37.

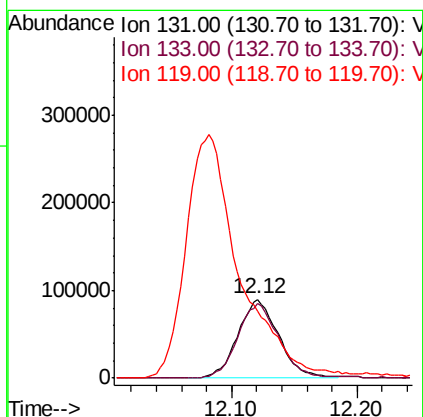
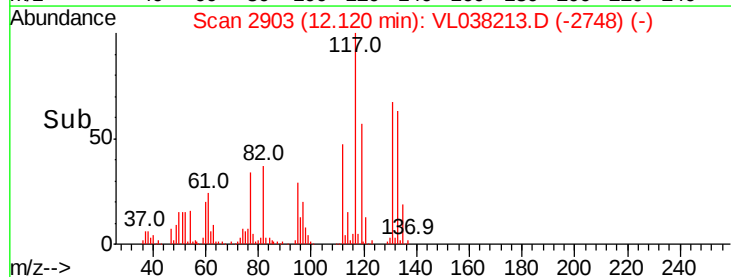
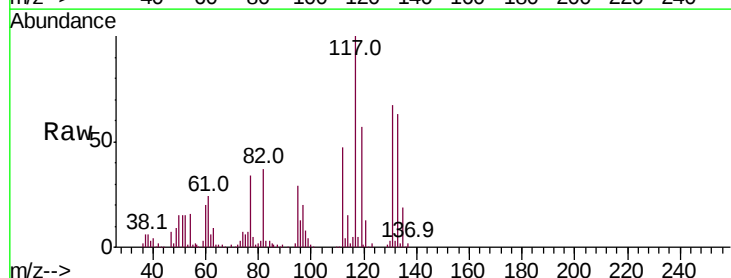
Manual Integrations
APPROVED

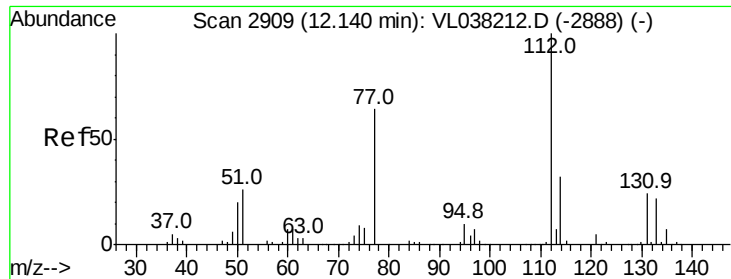
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.042 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion:131 Resp: 202686
Ion Ratio Lower Upper
131 100
133 98.7 77.6 116.4
119 414.2 124.8 187.2#



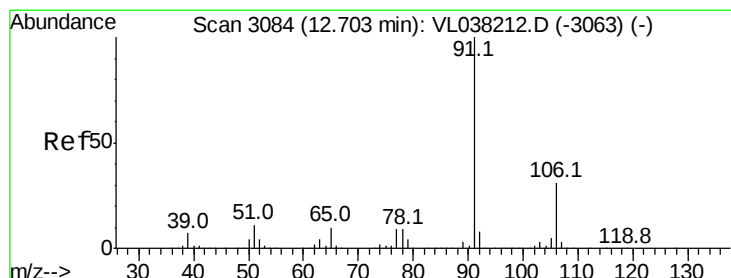
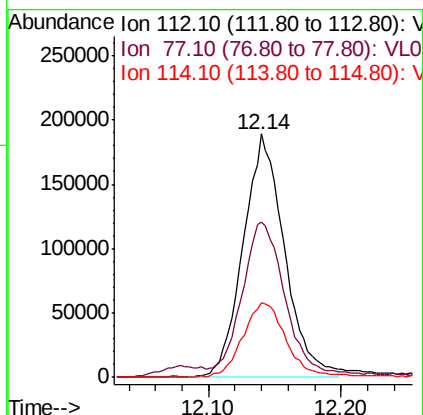
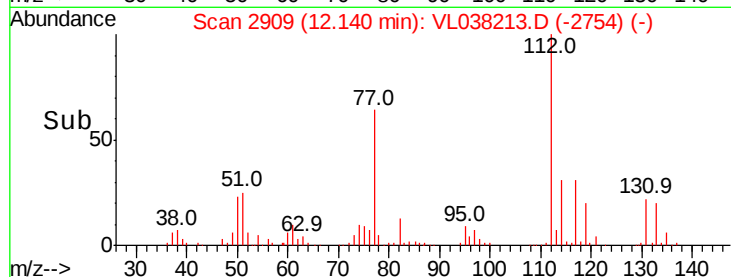
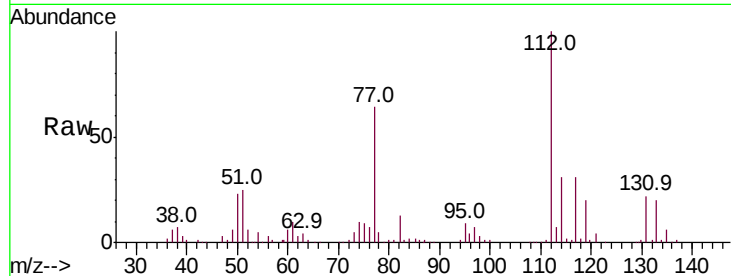


#57
Chlorobenzene
Concen: 2.079 ppbv
RT: 12.14 min
Delta R.T. 0.00 min
Lab File: VL038212.D
Acq: 21 Dec 2021 14:02

Tot Ion: 1
Ion Ratio
112 100
77 61.1
114 30.0

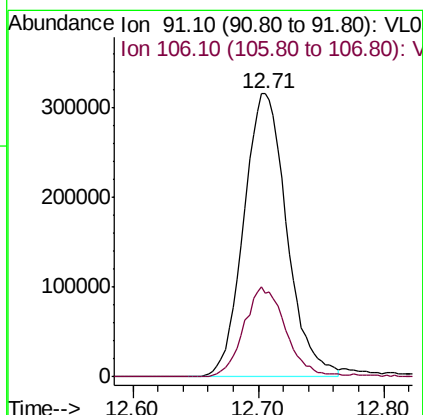
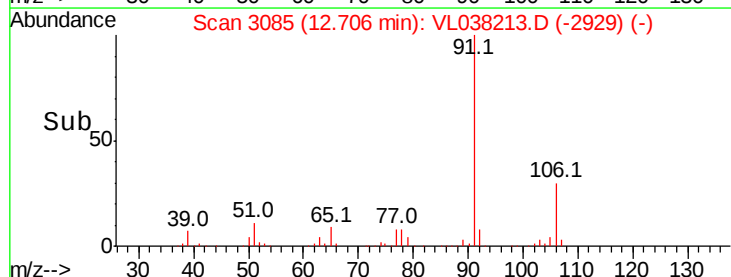
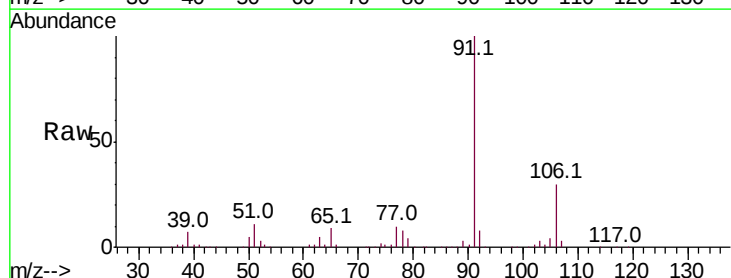
Manual Integrations
APPROVED

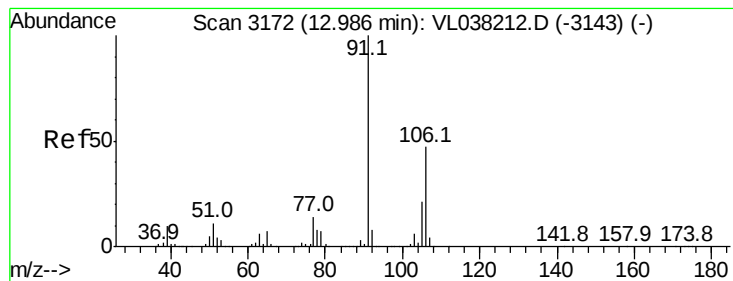
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#58
Ethyl Benzene
Concen: 2.083 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 91 Resp: 754844
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.4





#59

m/p-Xylene

Concen: 4.161 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 14:02

Manual Integrations
APPROVED

Tot Ion:

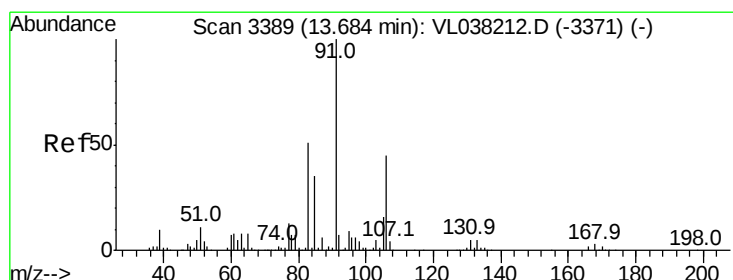
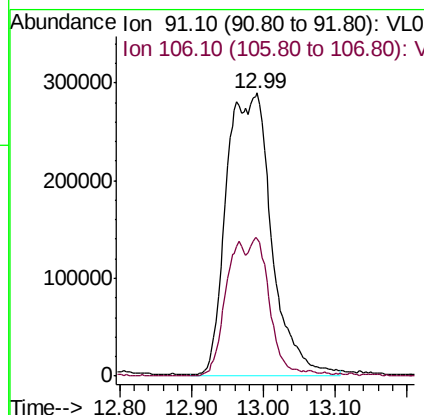
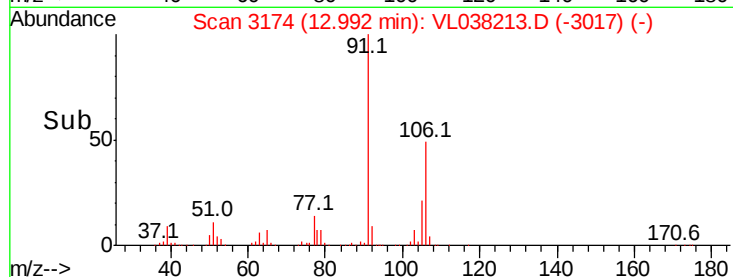
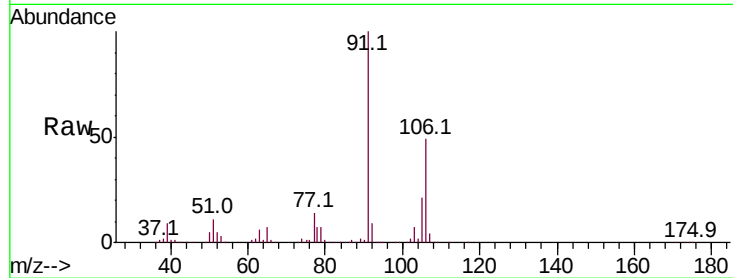
Ion Ratio

91 100

106 45.

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#60

o-Xylene

Concen: 2.099 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VL038213.D

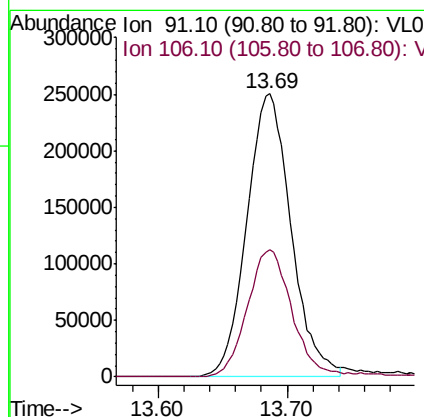
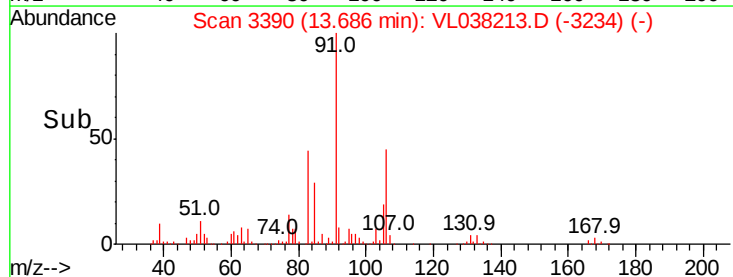
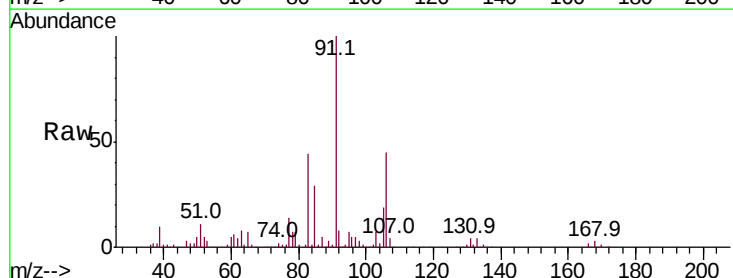
Acq: 21 Dec 2021 14:02

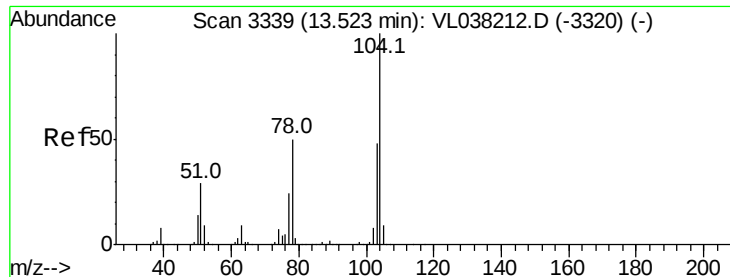
Tgt Ion: 91 Resp: 595803

Ion Ratio Lower Upper

91 100

106 46.5 23.5 70.5



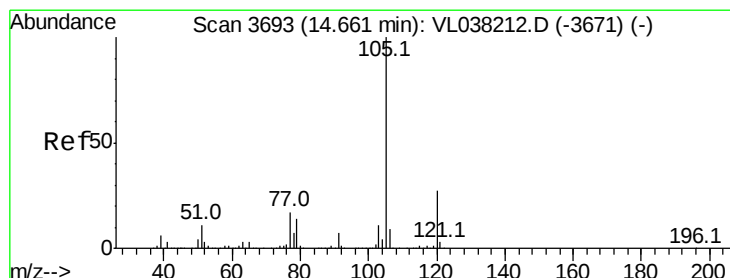
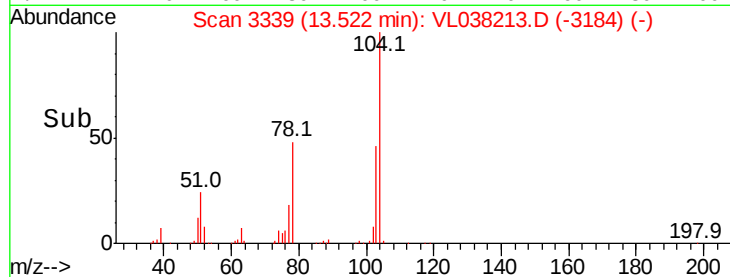
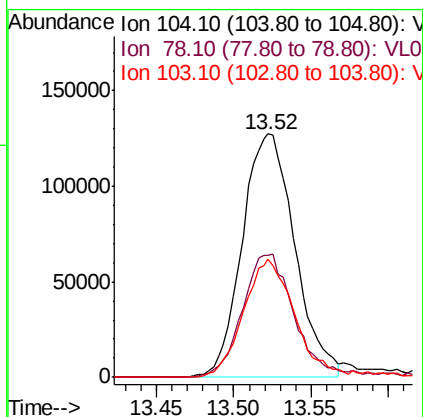
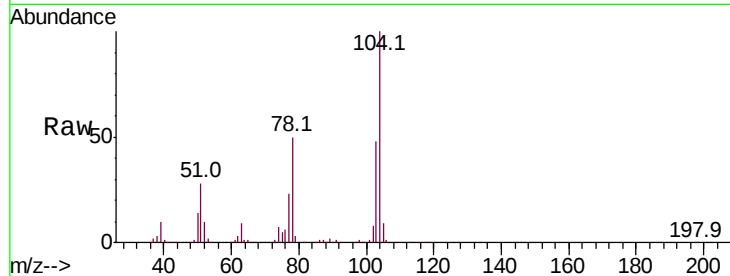


#61
Stvrene
Concen: 1.991 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC002
Acq: 21 Dec 2021 14:02

Tot Ion:1
Ion Rati
104 100
78 51.
103 48.

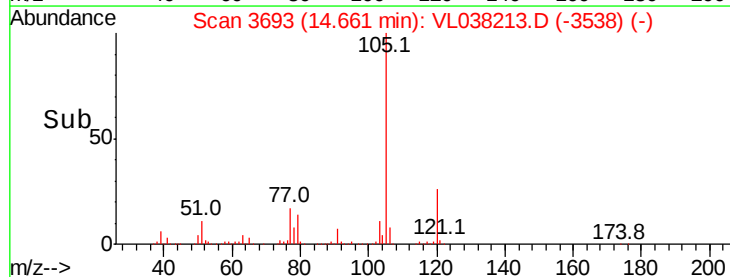
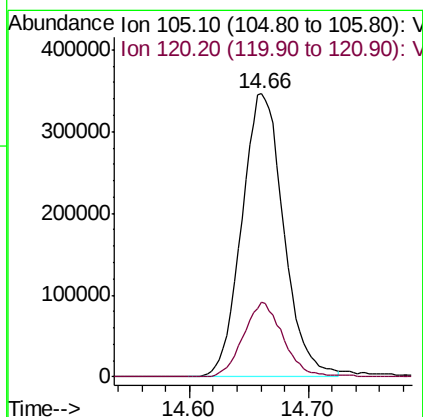
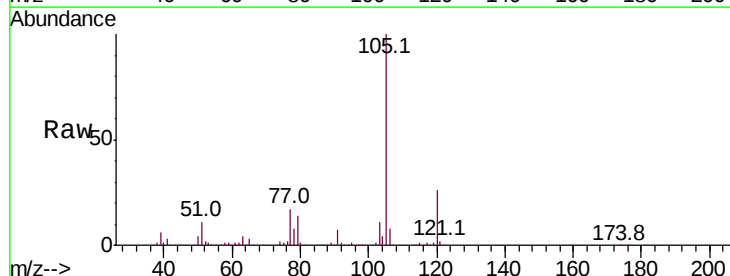
Manual Integrations
APPROVED

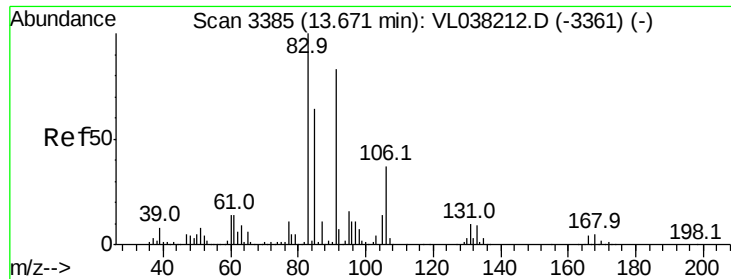
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#62
Isopropylbenzene
Concen: 2.096 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion:105 Resp: 844431
Ion Ratio Lower Upper
105 100
120 25.5 21.0 31.6



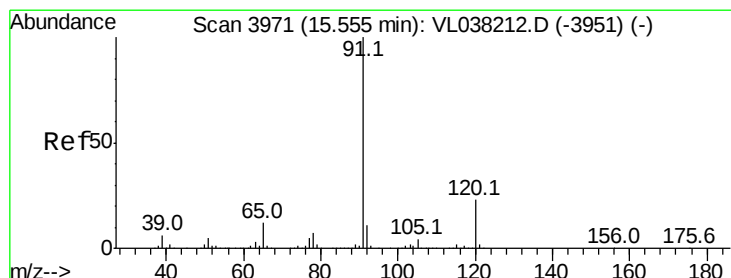
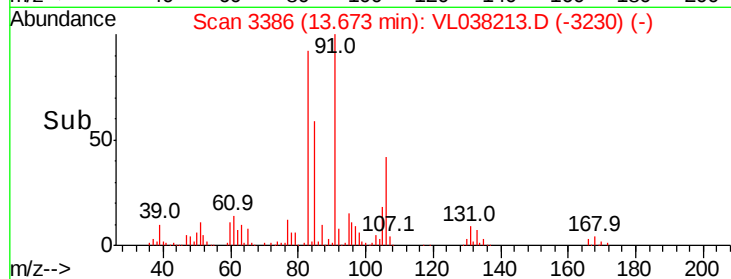
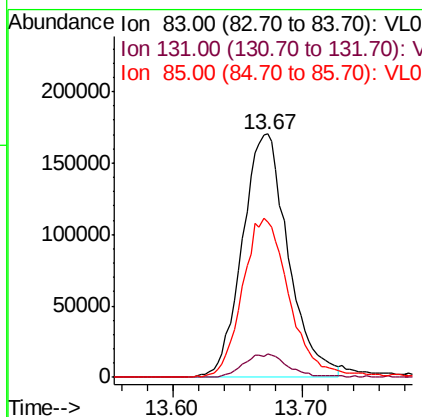
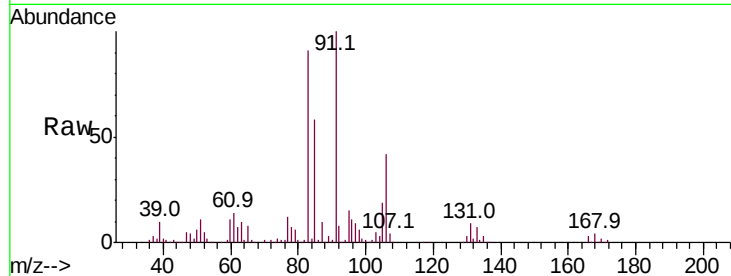


#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.981 ppbv
 RT: 13.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

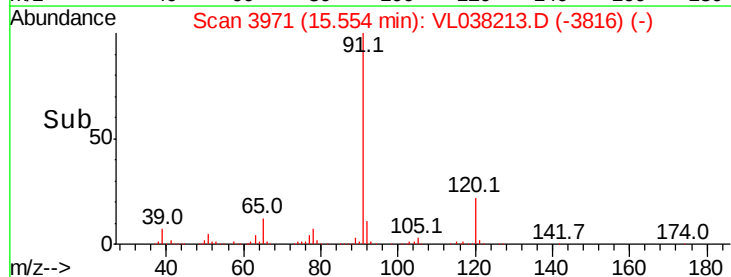
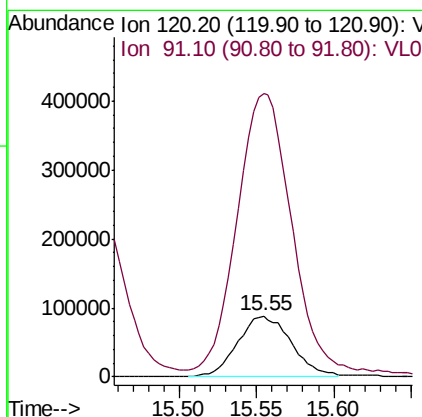
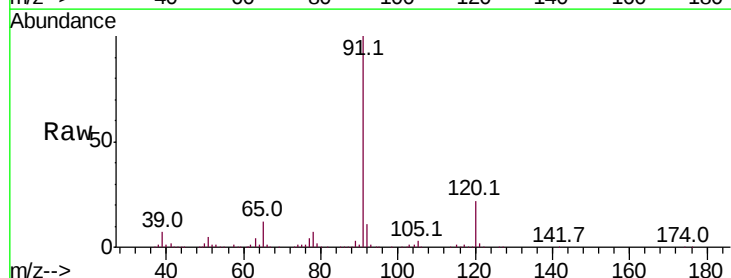
Manual Integrations
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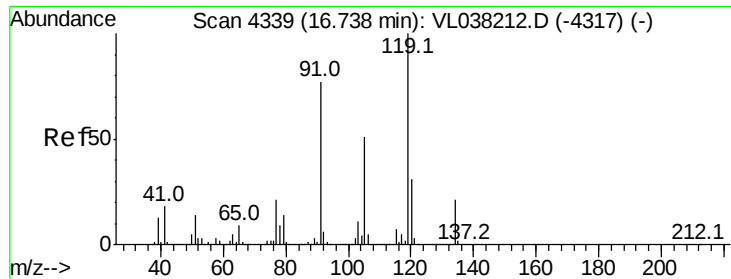
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#64
 n-propylbenzene
 Concen: 2.057 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. -0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:120 Resp: 210159
 Ion Ratio Lower Upper
 120 100
 91 492.7 381.5 572.3



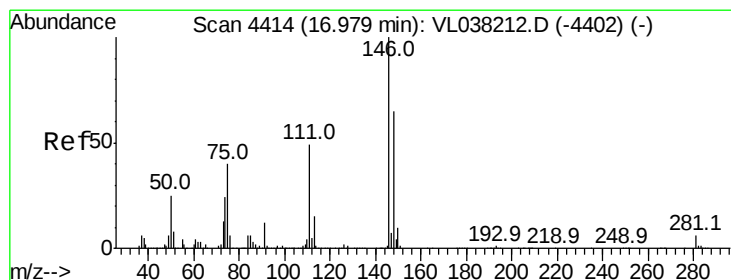
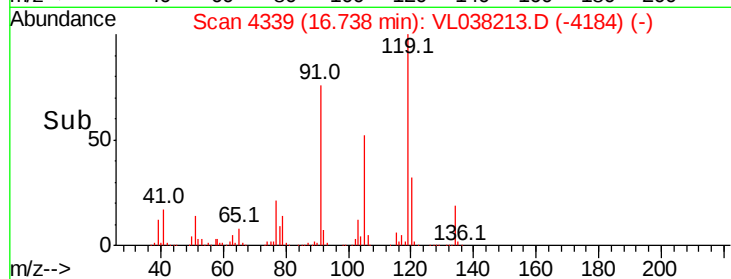
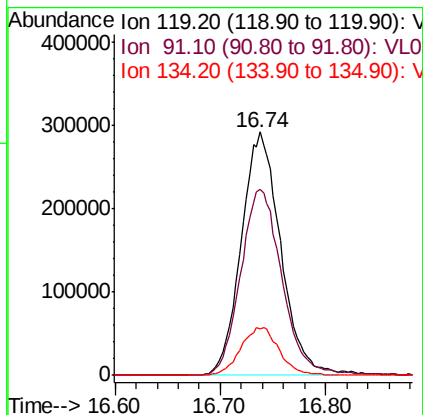
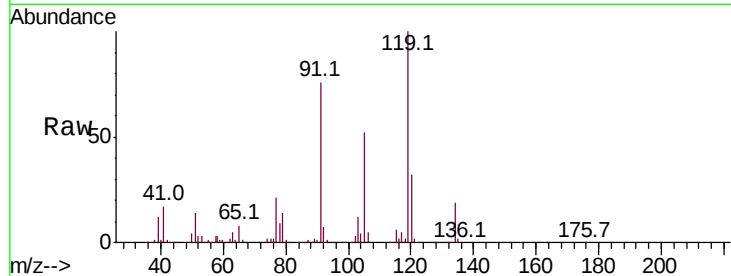


#65
tert-Butylbenzene
Concen: 2.124 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 14:02

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

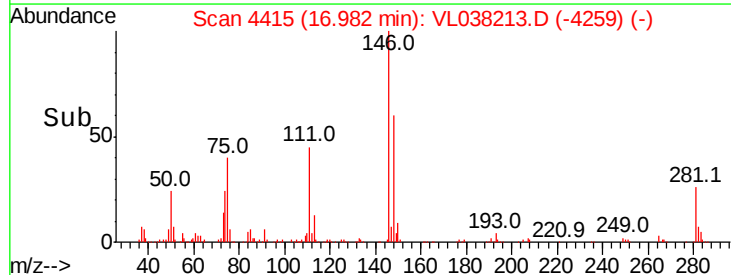
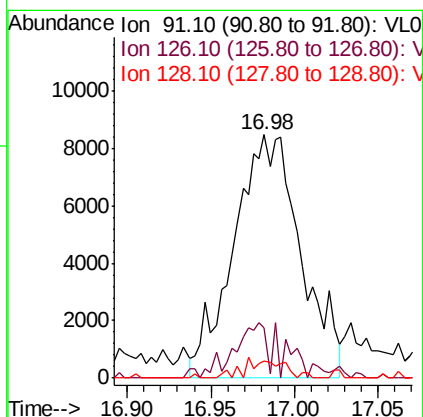
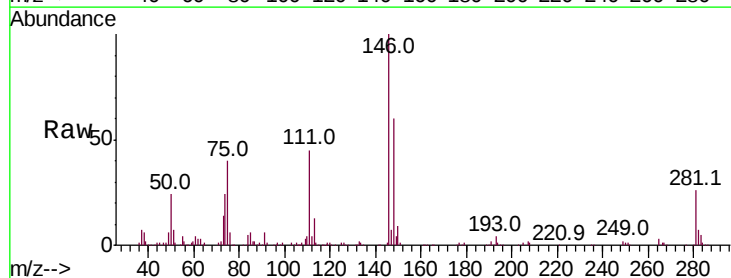
Manual Integrations
APPROVED

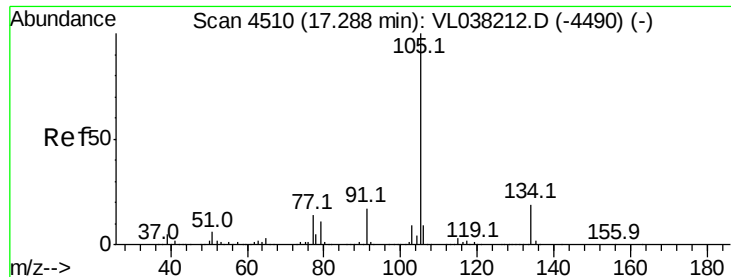
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#66
Benzyl Chloride
Concen: 1.401 ppbv m
RT: 16.98 min Scan# 4415
Delta R.T. 0.00 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion: 91 Resp: 23748
Ion Ratio Lower Upper
91 100
126 10.9 16.0 24.0#
128 4.7 5.0 7.6#



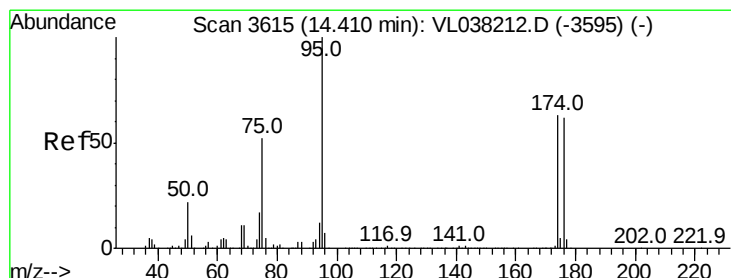
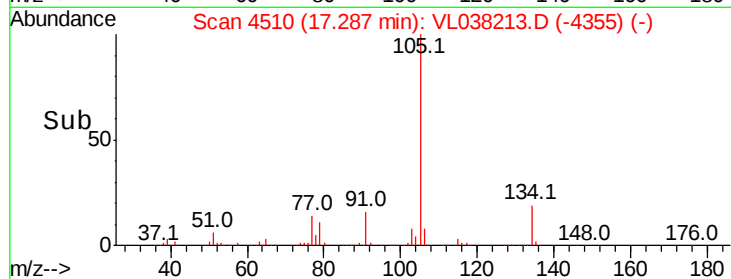
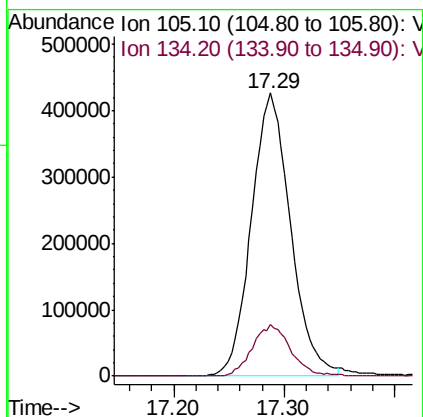
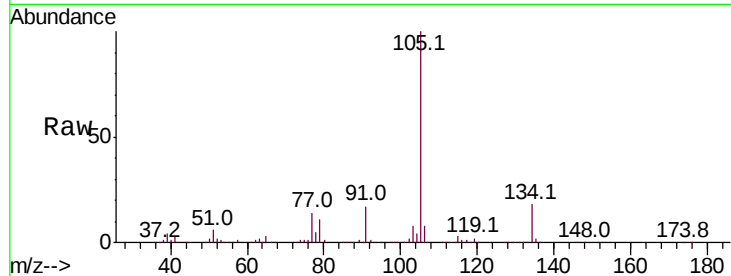


#67
 sec-Butylbenzene
 Concen: 2.127 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:1
 Ion Rati
 105 100
 134 17.

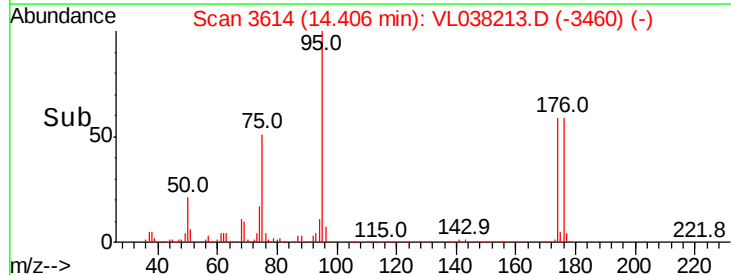
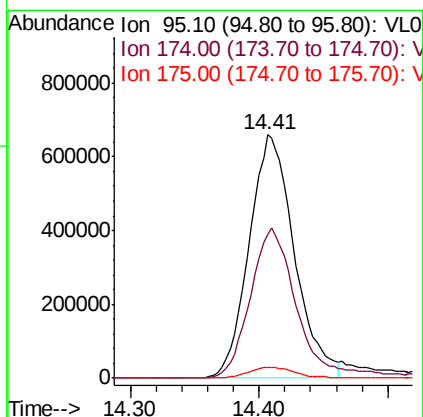
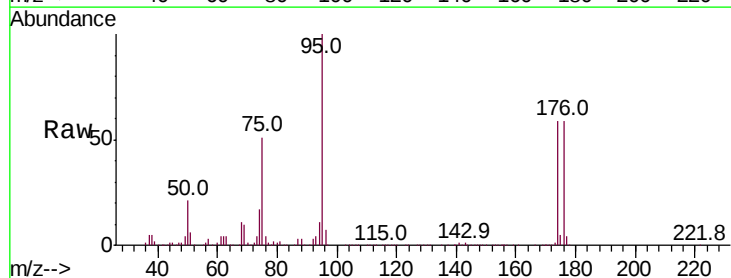
Manual Integrations
 APPROVED

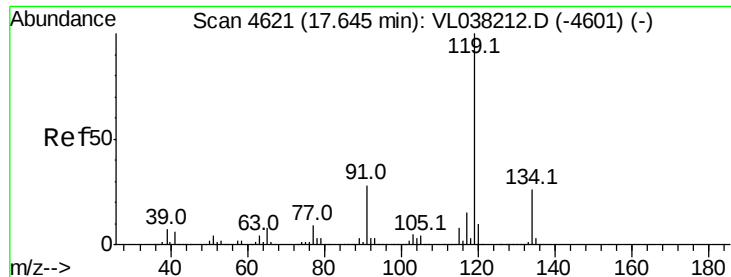
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.977 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. -0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion: 95 Resp: 1608734
 Ion Ratio Lower Upper
 95 100
 174 66.0 54.6 81.8
 175 5.0 4.1 6.1



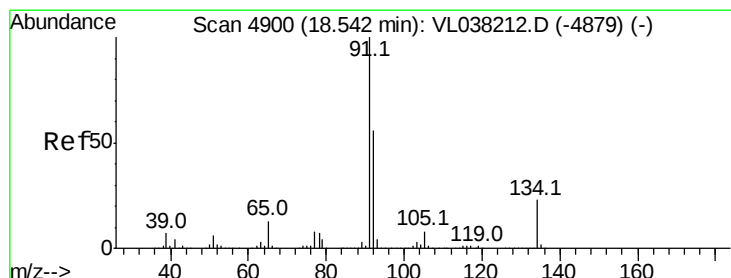
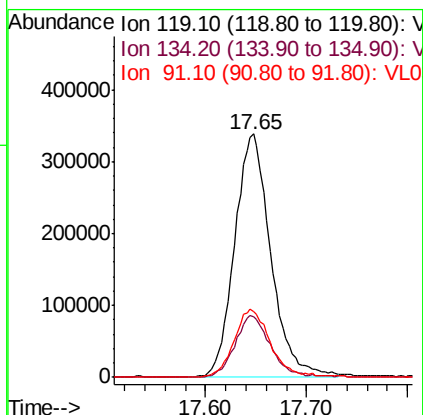
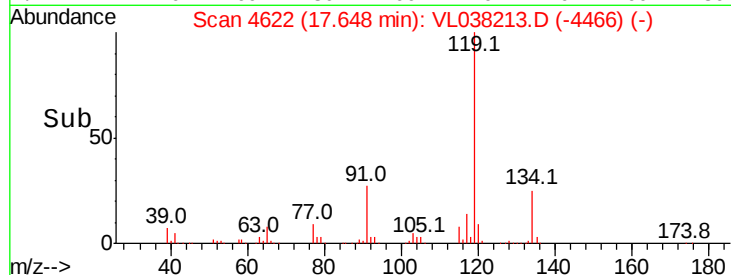
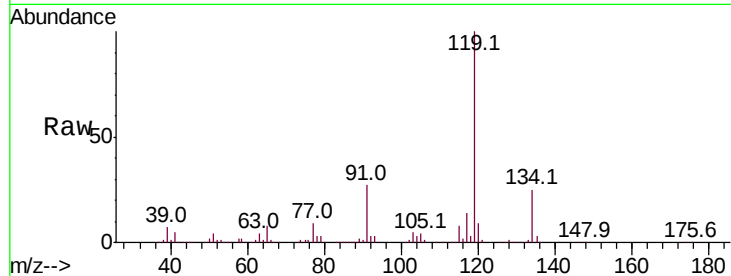


#69
 p-Isopropyltoluene
 Concen: 2.173 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 28.8

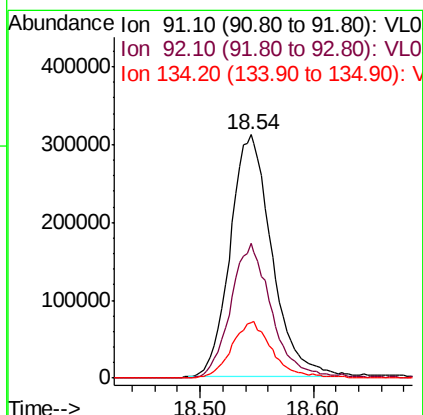
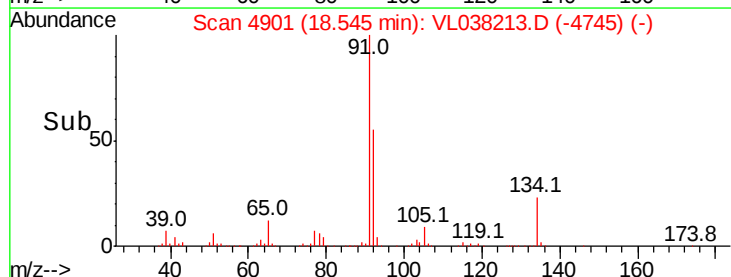
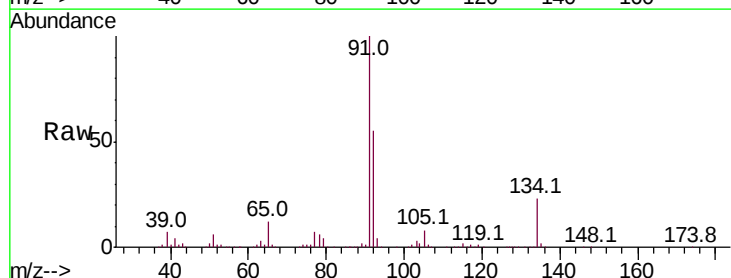
Manual Integrations
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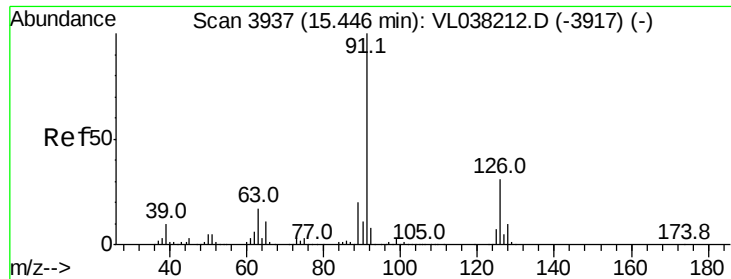
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#70
 n-Butylbenzene
 Concen: 2.155 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion: 91 Resp: 798698
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.0 66.0
 134 22.9 18.5 27.7



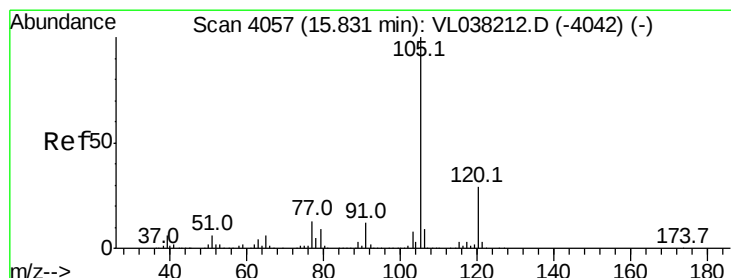
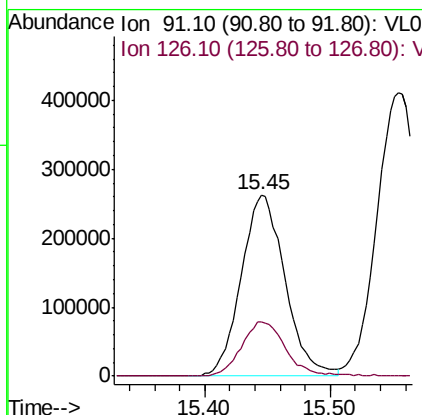
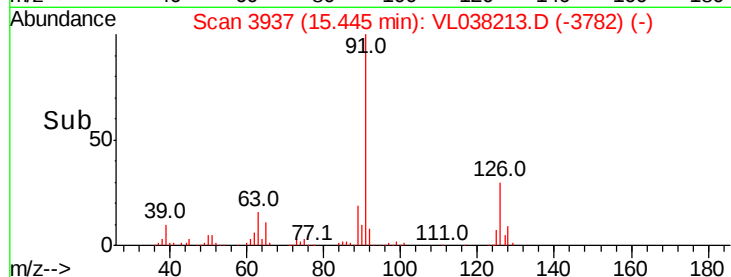
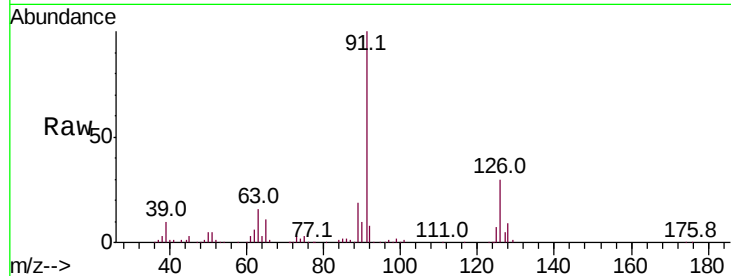


#71
 2-Chlorotoluene
 Concen: 2.164 ppbv
 RT: 15.45
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:
 Ion Ratio
 91 100
 126 30.

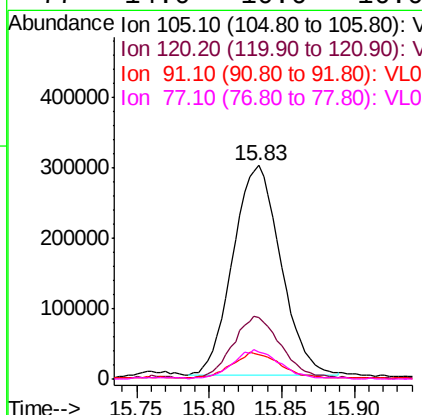
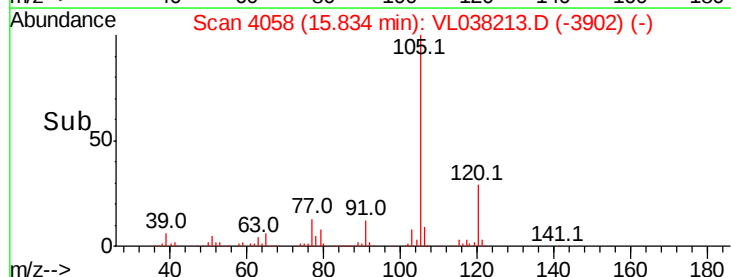
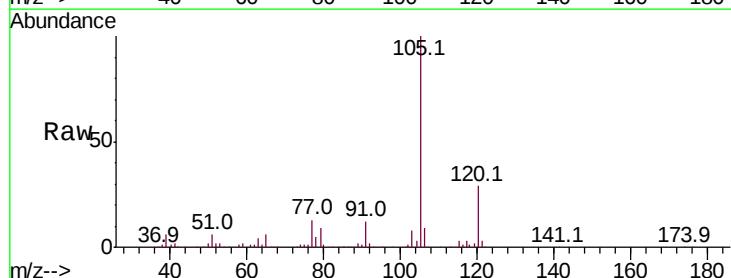
Manual Integrations
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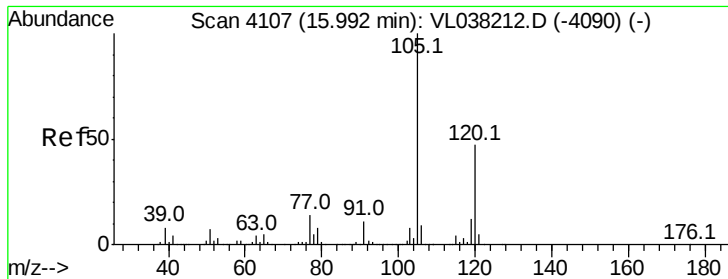
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#72
 4-Ethyltoluene
 Concen: 2.086 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. 0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:105 Resp: 686542
 Ion Ratio Lower Upper
 105 100
 120 30.3 24.3 36.5
 91 12.4 9.8 14.6
 77 14.0 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 2.070 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 14:02

Tot Ion:1

Ion Rati

105 100

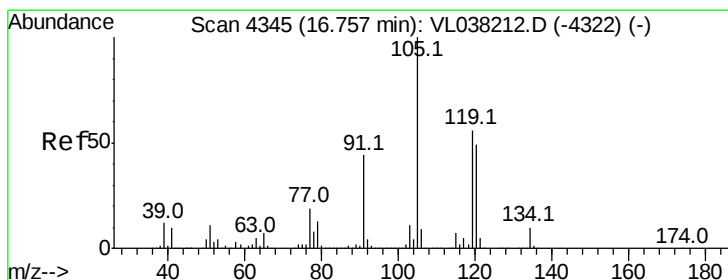
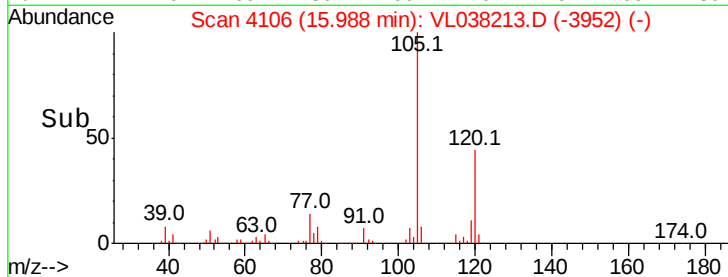
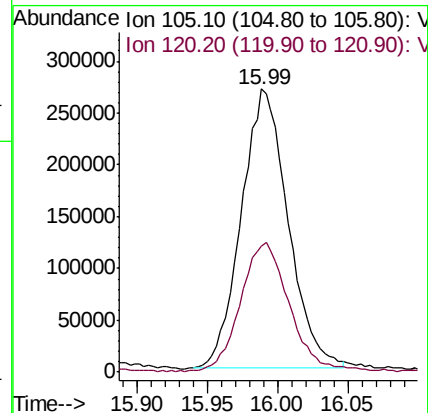
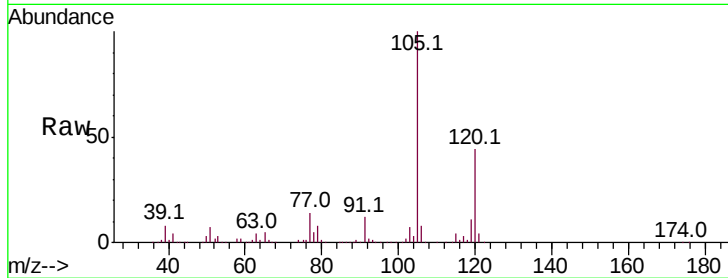
120 44.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 2.187 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. -0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

Tgt Ion:105 Resp: 679333

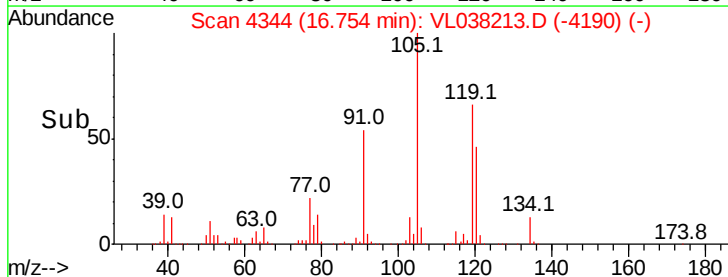
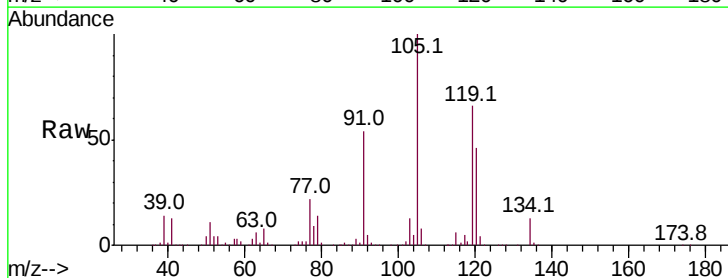
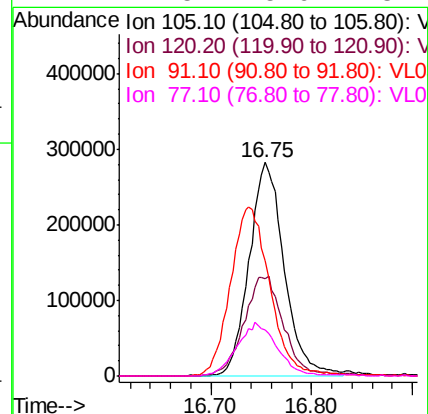
Ion Ratio Lower Upper

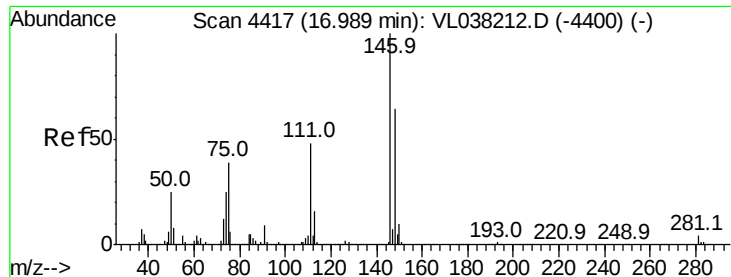
105 100

120 45.8 39.4 59.2

91 53.9 35.0 52.4#

77 21.5 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 2.112 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File:

Acq: 21 Dec 2021 14:02

ClientSampleId :

VSTDIC002

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021

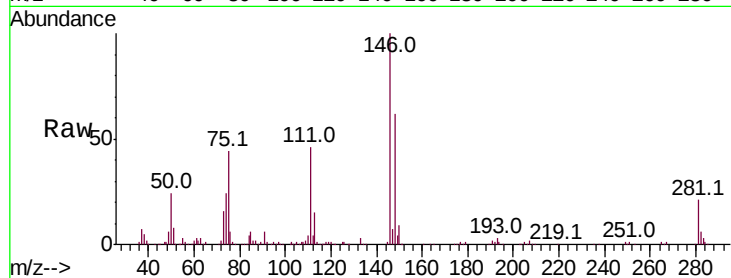
Tot Ion:1

Ion Rati

146 100

111 47.

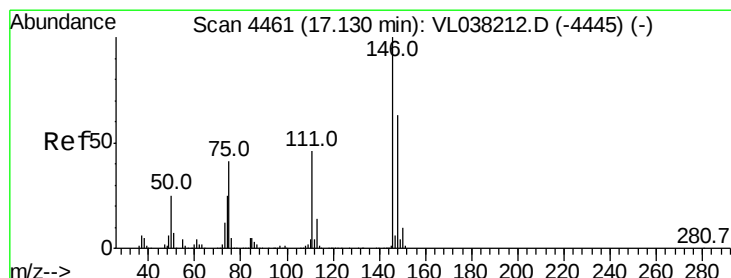
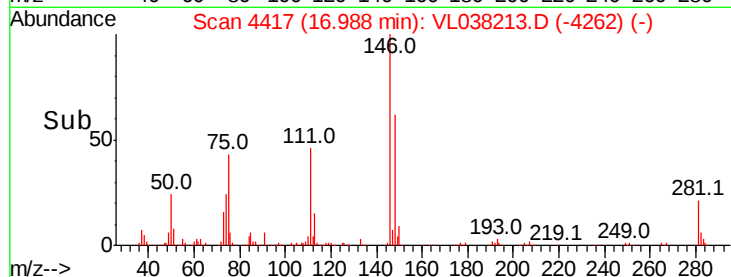
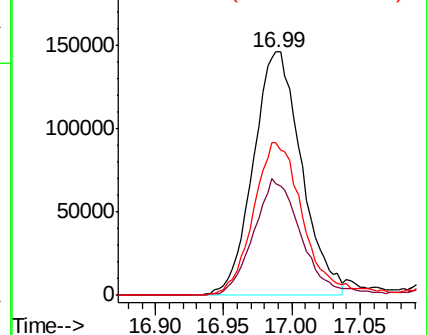
148 65.



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



#76

1,4-Dichlorobenzene

Concen: 1.991 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.00 min

Lab File: VL038213.D

Acq: 21 Dec 2021 14:02

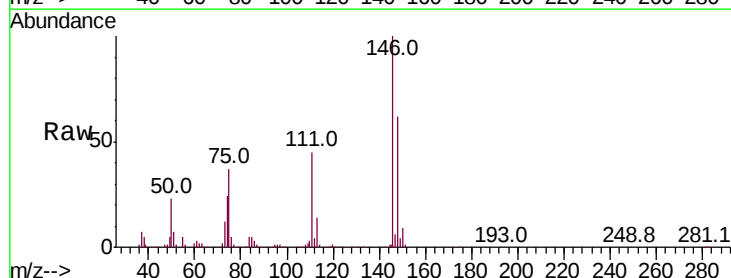
Tgt Ion:146 Resp: 341278

Ion Ratio Lower Upper

146 100

111 49.7 23.6 71.0

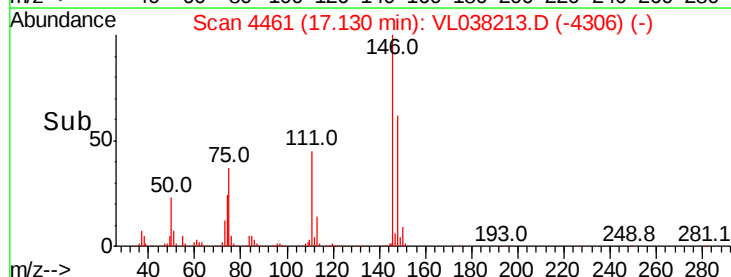
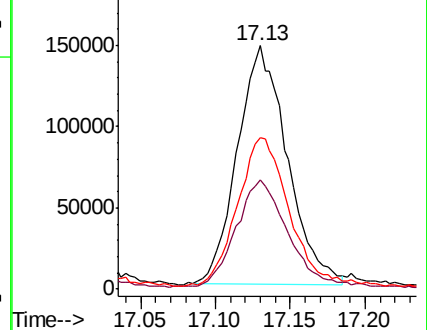
148 69.1 33.1 99.5

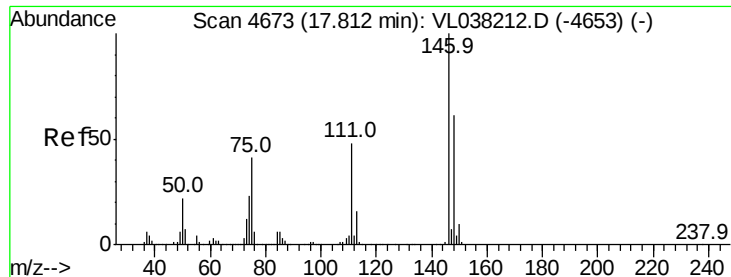


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



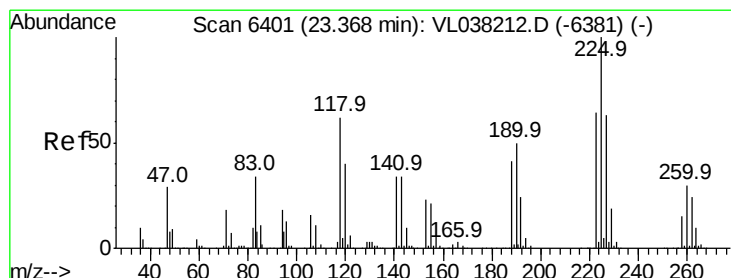
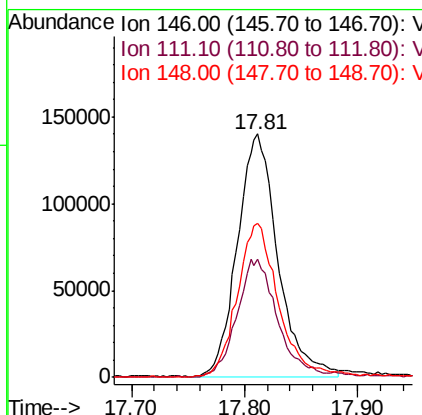
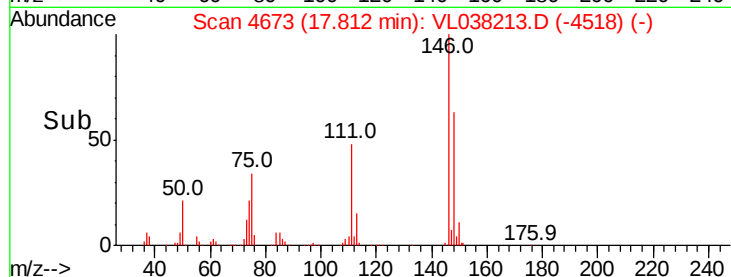
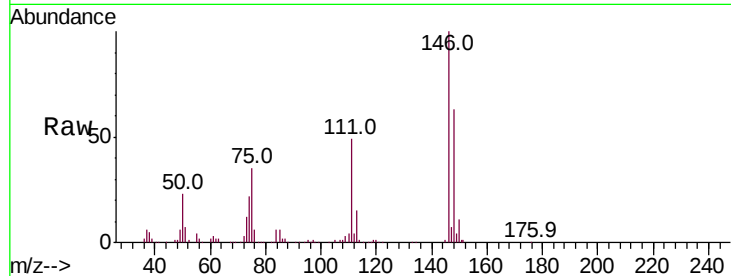


#77
 1,2-Dichlorobenzene
 Concen: 2.100 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 14:02

Tot Ion:1
 Ion Ratio
 146 100
 111 50.
 148 65.

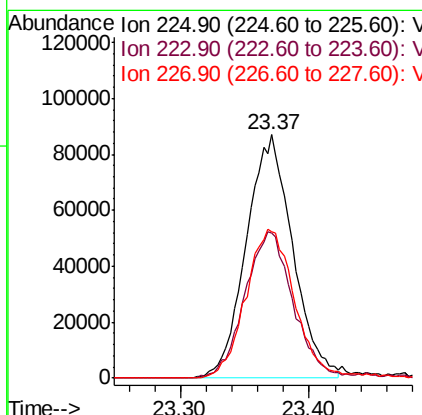
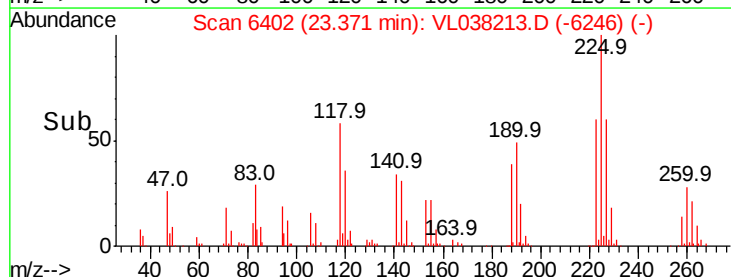
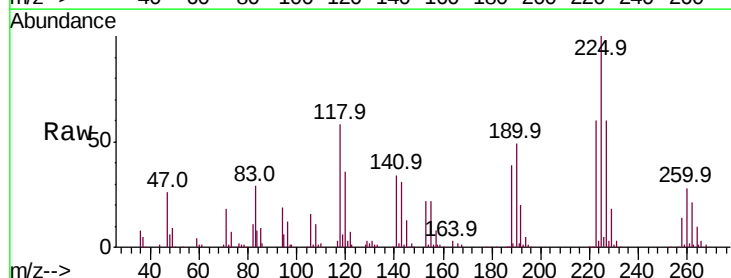
Manual Integrations
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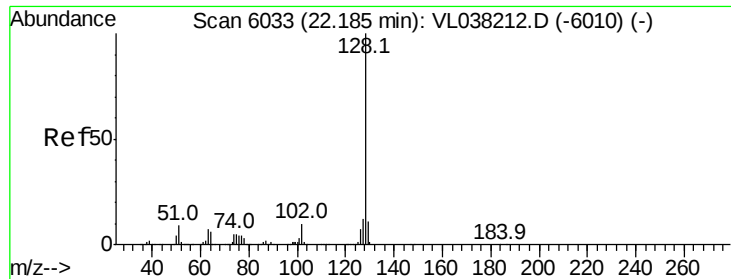
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.115 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: 0.00 min
 Lab File: VL038213.D
 Acq: 21 Dec 2021 14:02

Tgt Ion:225 Resp: 217979
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.5 77.3
 227 65.5 51.9 77.9



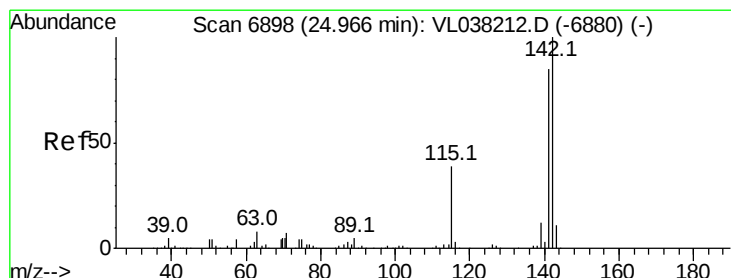
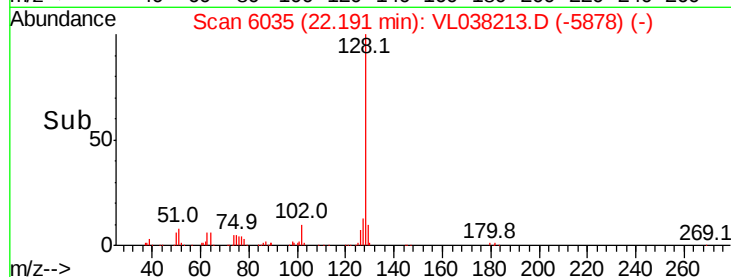
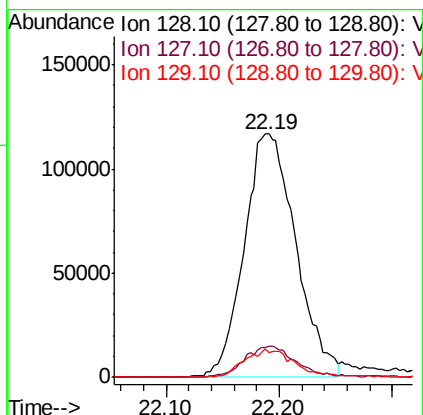
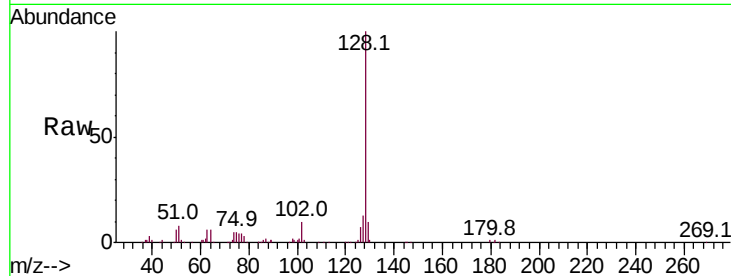


#79
Naphthalene
Concen: 2.257 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 21 Dec 2021 14:02

Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

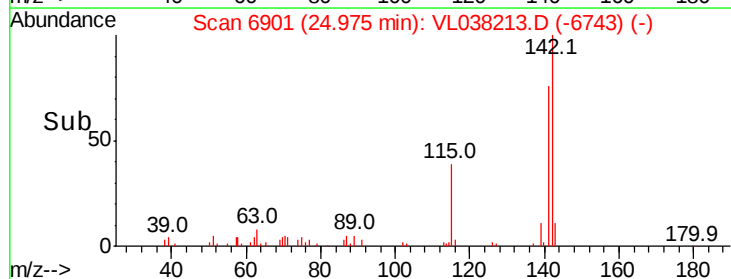
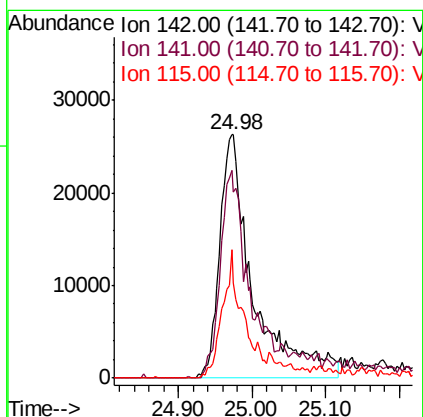
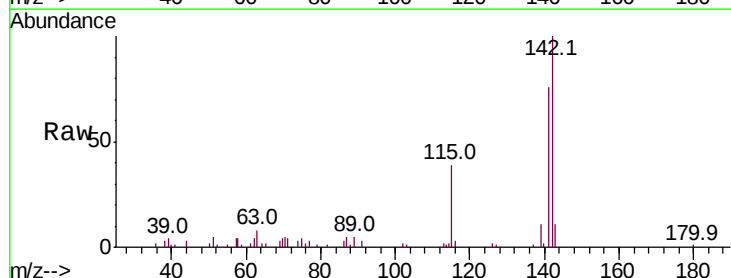
Manual Integrations
APPROVED

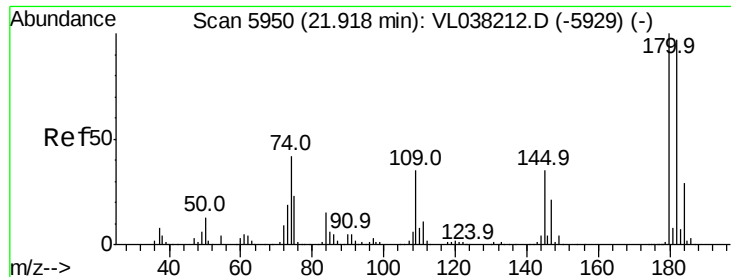
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#80
Naphthalene, 2-methyl-
Concen: 2.472 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. 0.01 min
Lab File: VL038213.D
Acq: 21 Dec 2021 14:02

Tgt Ion:142 Resp: 82986
Ion Ratio Lower Upper
142 100
141 88.9 66.7 100.1
115 38.7 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 2.144 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 21 Dec 2021 14:02

Tot Ion:1
 Ion Rati
 180 100
 182 95.
 184 30.

Manual Integrations
 APPROVED

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

