

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122121\
 Data File : VL038219.D
 Acq On : 21 Dec 2021 17:47
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 ICVVL122121

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 18:37:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL122121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	750881	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2337905	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2110656m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1669892	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1244237	8.794	ppbv 100
3) Chlorodifluoromethane	3.00	51	1377271	8.729	ppbv 99
4) Chloromethane	3.15	50	501772	9.171	ppbv 99
5) Vinyl Chloride	3.27	62	491206	8.933	ppbv 96
6) Bromomethane	3.48	94	275997	9.850	ppbv 94
7) Chloroethane	3.57	64	165787	8.953	ppbv 99
8) Dichlorotetrafluoroethane	3.20	85	1191805	8.876	ppbv 98
9) Propene	3.02	41	483800	8.831	ppbv 100
10) Heptane	8.13	43	1210548	8.710	ppbv 99
11) Trichlorofluoromethane	3.96	101	1160784	8.933	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	864925	8.812	ppbv 100
13) Ethanol	3.63	45	62734m	6.754	ppbv
14) Bromoethene	3.75	108	368153	9.415	ppbv 97
15) Acetone	3.86	43	573691	7.613	ppbv 100
16) 1,3-Butadiene	3.34	39	468977	9.135	ppbv 100
17) tert-Butyl alcohol	4.30	59	736086	8.893	ppbv 98
18) 1,1-Dichloroethene	4.30	96	384174	8.938	ppbv 99
19) Isopropyl Alcohol	3.98	45	390700	8.312	ppbv 95
20) Methylene Chloride	4.35	84	315867	7.424	ppbv 96
21) Allyl Chloride	4.42	41	594391	9.324	ppbv 98
22) trans-1,2-Dichloroethene	4.89	96	406432	9.268	ppbv 97
23) Vinyl Acetate	5.08	43	973104	9.537	ppbv 99
24) 1,1-Dichloroethane	5.02	63	802976	8.800	ppbv 100
25) Ethyl Acetate	5.68	43	1856847	9.095	ppbv 100
26) Hexane	5.69	57	868026	8.474	ppbv 99
27) Carbon Disulfide	4.56	76	932533	10.342	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	920416	8.941	ppbv 99
29) Chloroform	5.76	83	1358674	8.938	ppbv 99
30) Cyclohexane	7.14	84	791787	8.727	ppbv 97
31) cis-1,2-Dichloroethene	5.56	61	819977	10.207	ppbv 96
32) 1,1,1-Trichloroethane	6.52	97	1400310	9.285	ppbv 99
34) 2-Butanone	5.25	43	623386	8.871	ppbv 100
35) Carbon Tetrachloride	7.02	117	1421320	9.849	ppbv 99
36) Benzene	6.90	78	1933267	8.865	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1034259	9.452	ppbv 100
38) Trichloroethene	7.84	130	699534	8.429	ppbv 96
39) 1,2-Dichloropropane	7.62	63	751906	8.959	ppbv 97
40) 1,4-Dioxane	7.84	88	205370m	8.412	ppbv
41) Tetrahydrofuran	6.06	42	481059	9.346	ppbv 99
42) Bromodichloromethane	7.80	83	1489822	9.569	ppbv 98
43) Methyl Methacrylate	8.02	69	718990	9.580	ppbv 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3130674	8.451	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	631179	11.364	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	796868	10.365	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	761466	8.742	ppbv	97
48) Dibromochloromethane	10.31	129	1248818	10.195	ppbv	100
49) Bromoform	13.04	173	921270	10.585	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1221507	9.561	ppbv	99
51) 2-Hexanone	10.14	43	544206	8.899	ppbv #	98
52) Tetrachloroethene	11.23	164	644499	8.007	ppbv	98
53) Toluene	9.81	91	2192616	8.714	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1104988	8.942	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	803290	9.150	ppbv	99
57) Chlorobenzene	12.15	112	1530679	8.362	ppbv	99
58) Ethyl Benzene	12.71	91	2889053	8.821	ppbv	99
59) m/p-Xylene	13.00	91	4823337m	17.226	ppbv	
60) o-Xylene	13.70	91	2173861	8.374	ppbv	100
61) Styrene	13.53	104	1216982	9.255	ppbv	98
62) Isopropylbenzene	14.67	105	3086852	8.469	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1566623	7.847	ppbv	100
64) n-propylbenzene	15.56	120	803699	8.869	ppbv	97
65) tert-Butylbenzene	16.74	119	2623255	8.177	ppbv	99
66) Benzyl Chloride	16.99	91	136530	11.418	ppbv	96
67) sec-Butylbenzene	17.29	105	3699304	8.392	ppbv	100
69) p-Isopropyltoluene	17.65	119	2965145	8.363	ppbv	100
70) n-Butylbenzene	18.55	91	2900632	8.605	ppbv	100
71) 2-Chlorotoluene	15.46	91	2329881	8.588	ppbv	99
72) 4-Ethyltoluene	15.84	105	2631593	8.802	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	2350329	8.785	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	2390974	8.509	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	1338567	8.819	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1303041	8.652	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1238961	8.525	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	706221	7.875	ppbv	99
79) Naphthalene	22.19	128	1381663	9.518	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	319838	11.105	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	727561	8.765	ppbv	98

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

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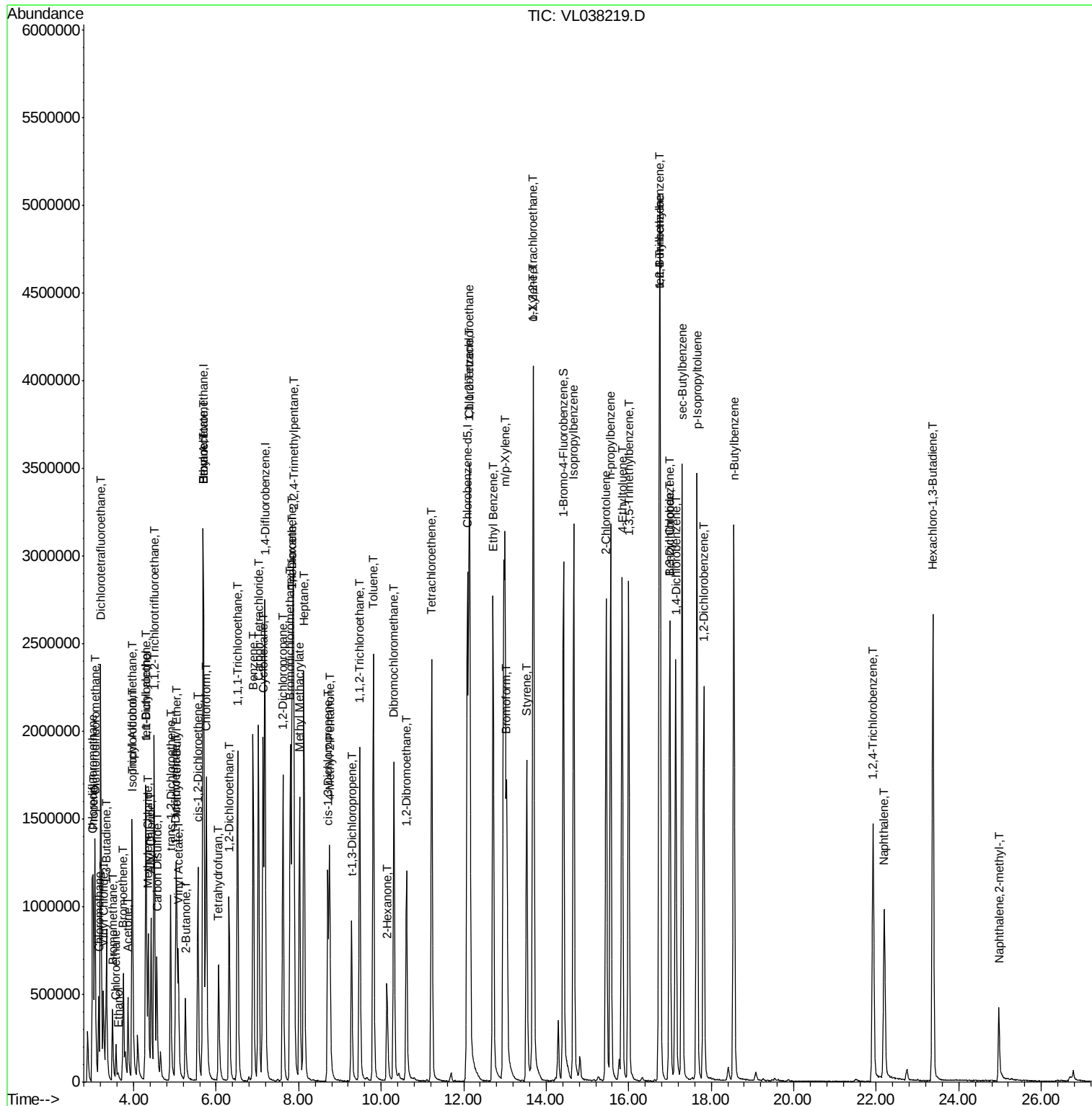
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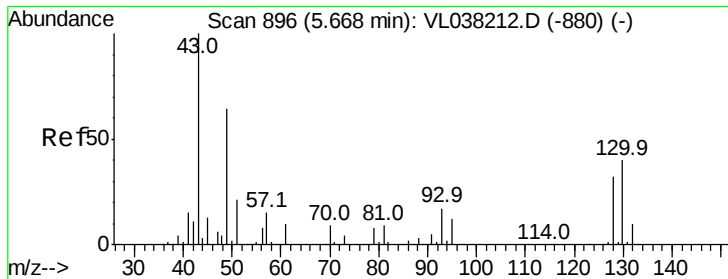
QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

49 100

128 53.

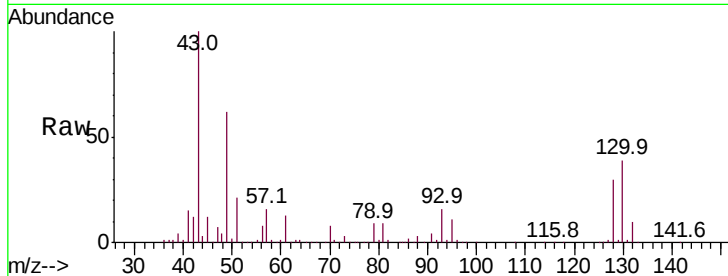
130 67.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

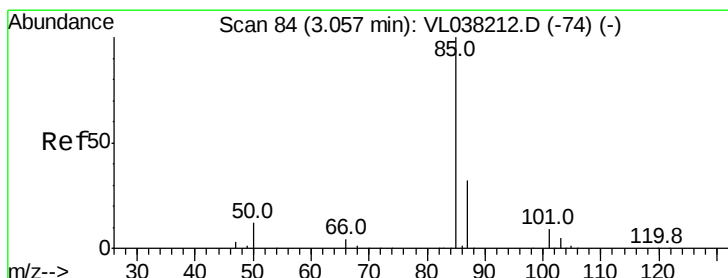
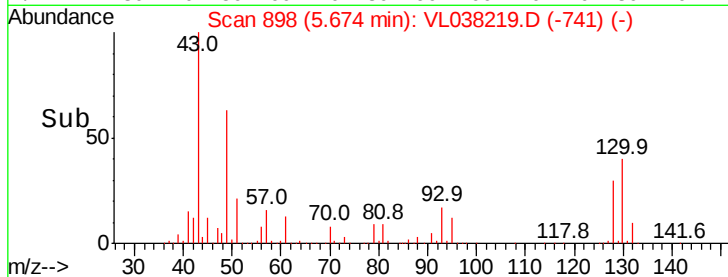
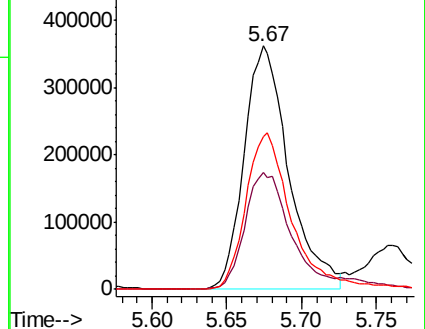
Supervised By :Mahesh Dadoda 12/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 8.794 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038219.D

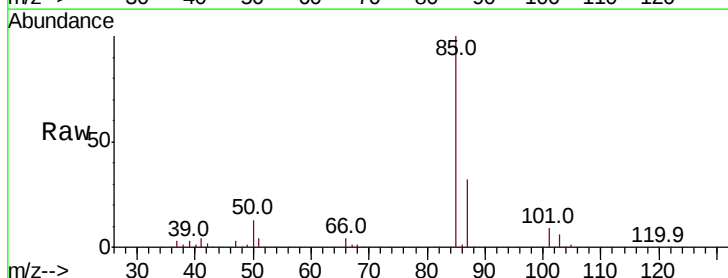
Acq: 21 Dec 2021 17:47

Tgt Ion: 85 Resp: 1244237

Ion Ratio Lower Upper

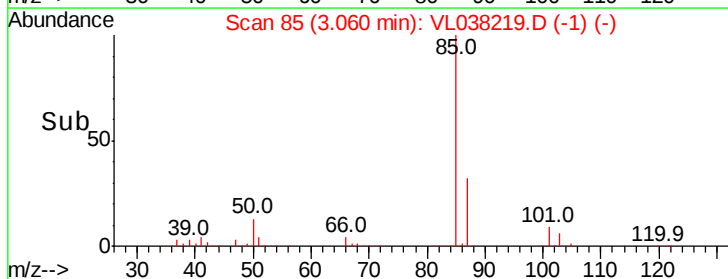
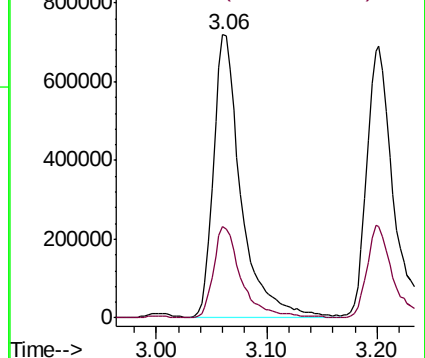
85 100

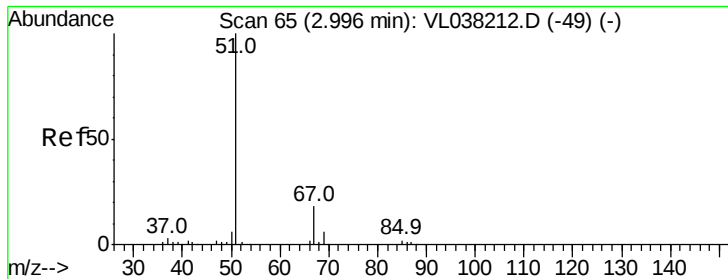
87 32.1 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.729 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

51 100

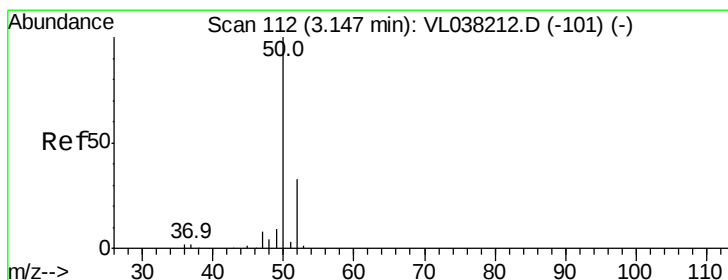
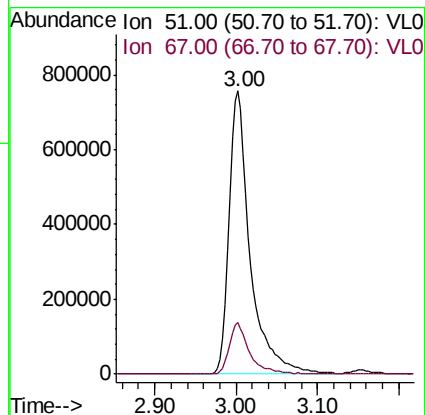
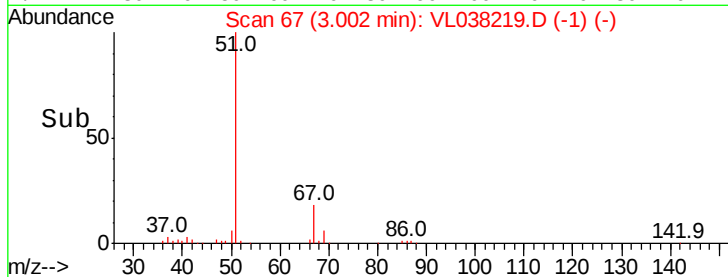
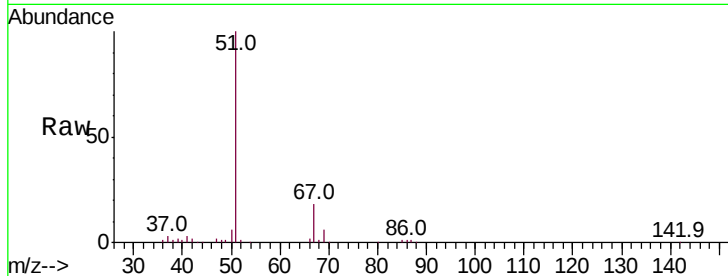
67 17.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/29/2021



#4

Chloromethane

Concen: 9.171 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038219.D

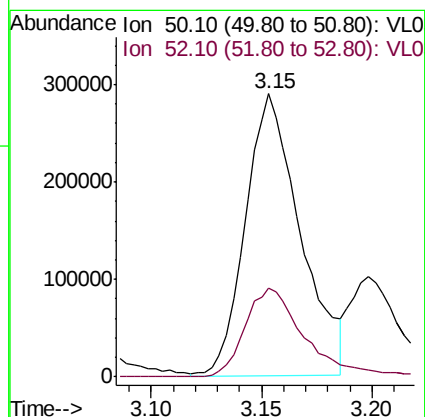
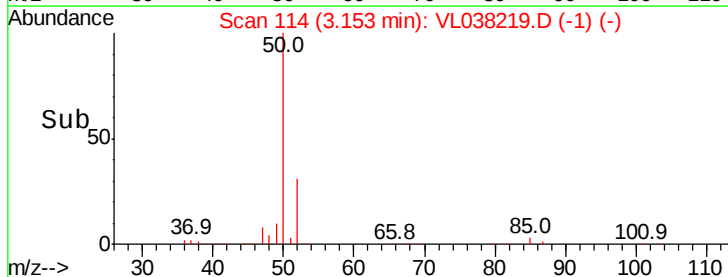
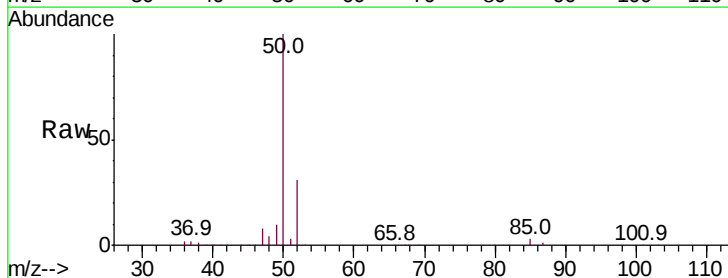
Acq: 21 Dec 2021 17:47

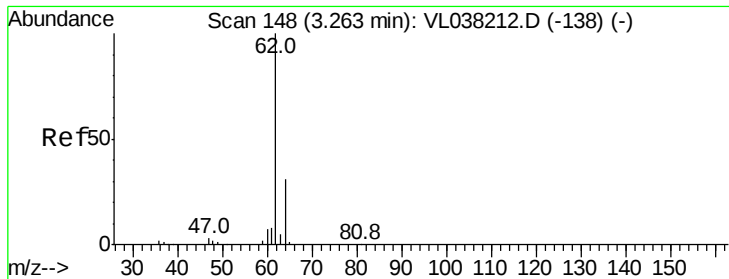
Tgt Ion: 50 Resp: 501772

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2





#5

Vinyl Chloride

Concen: 8.933 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

62 100

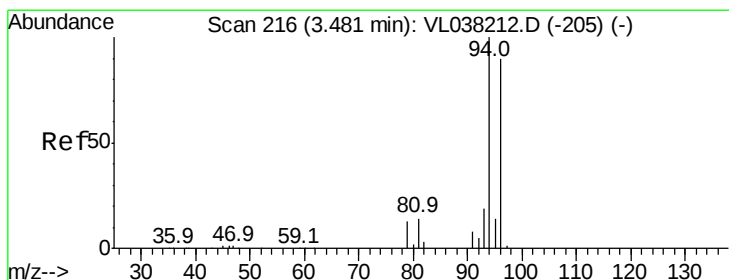
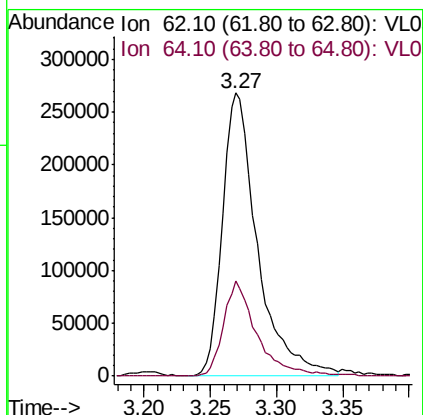
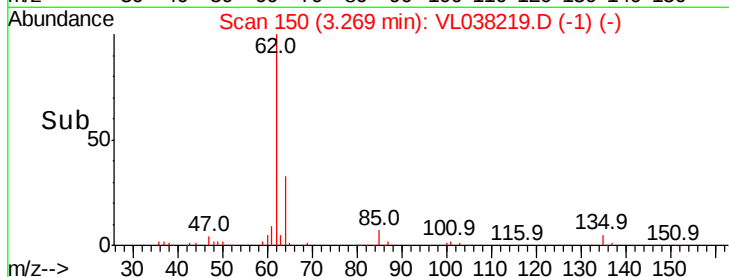
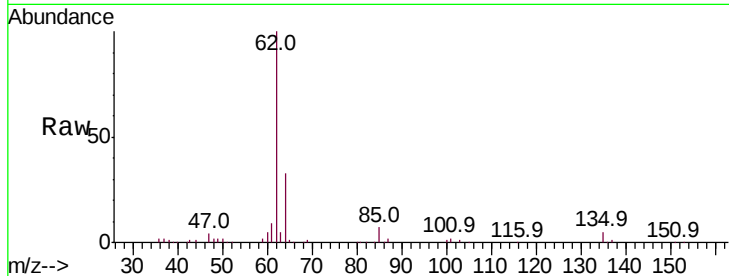
64 33.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

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#6

Bromomethane

Concen: 9.850 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL038219.D

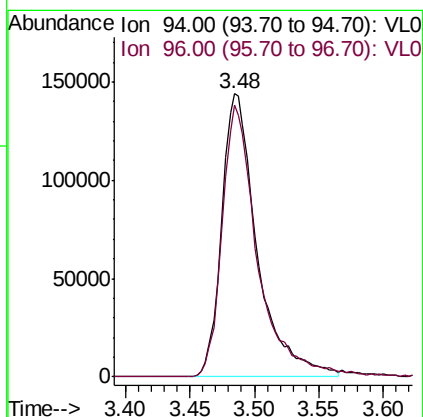
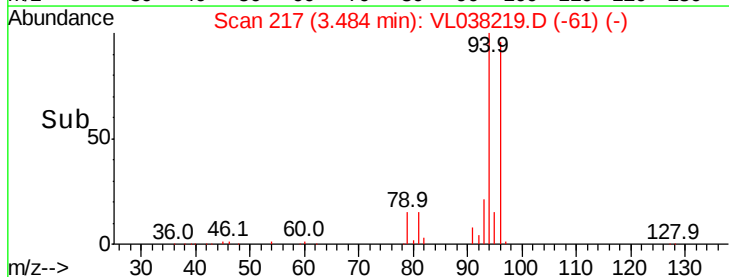
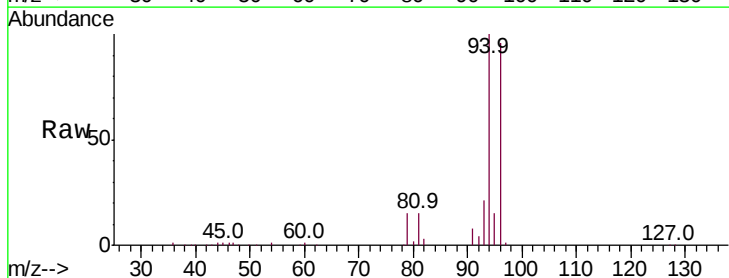
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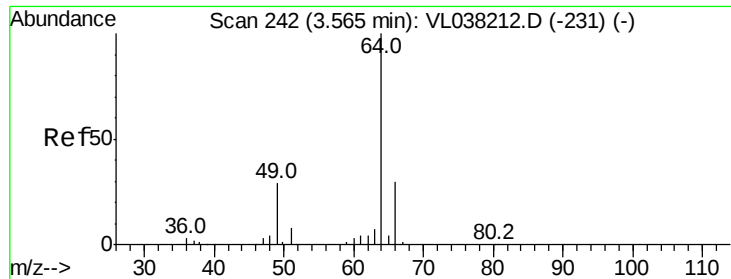
Tgt Ion: 94 Resp: 275997

Ion Ratio Lower Upper

94 100

96 95.7 72.2 108.2





#7

Chloroethane

Concen: 8.953 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

64 100

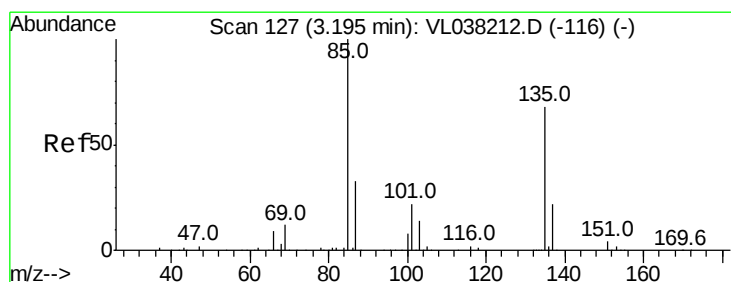
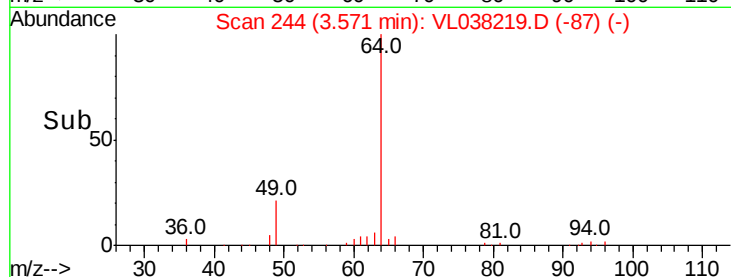
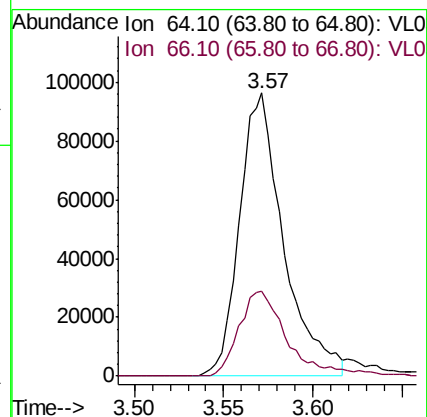
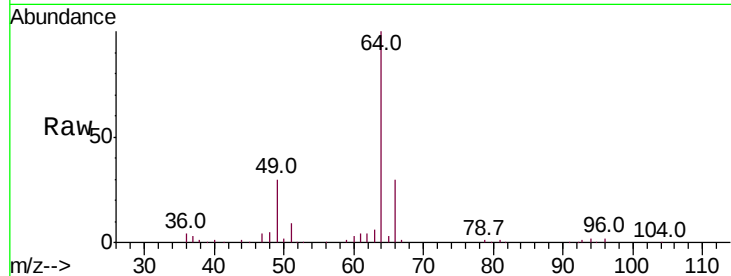
66 29.

Manual Integrations

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Supervised By :Mahesh Dadoda 12/29/2021



#8

Dichlorotetrafluoroethane

Concen: 8.876 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.01 min

Lab File: VL038219.D

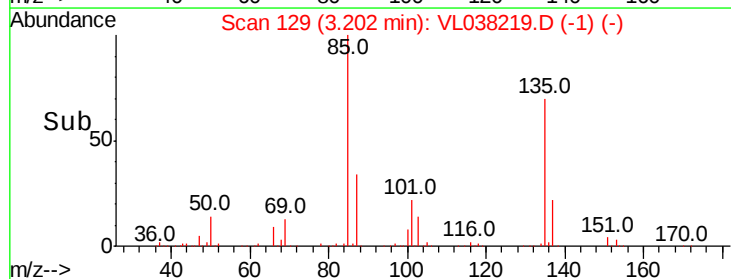
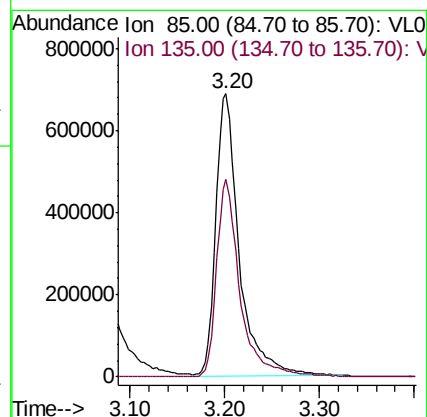
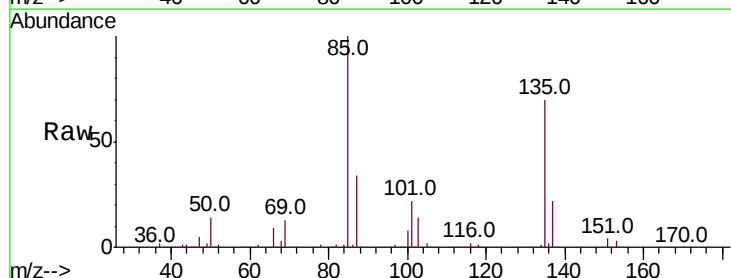
Acq: 21 Dec 2021 17:47

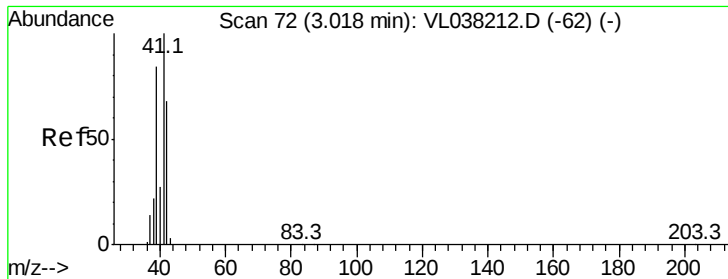
Tgt Ion: 85 Resp: 1191805

Ion Ratio Lower Upper

85 100

135 70.0 57.7 86.5



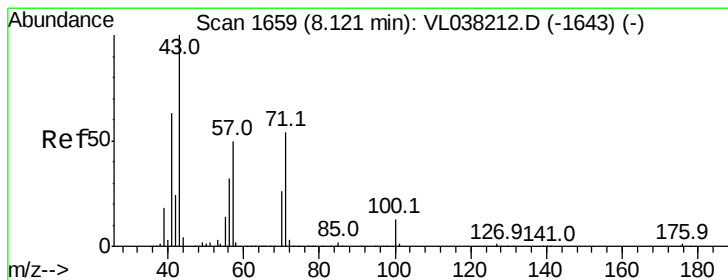
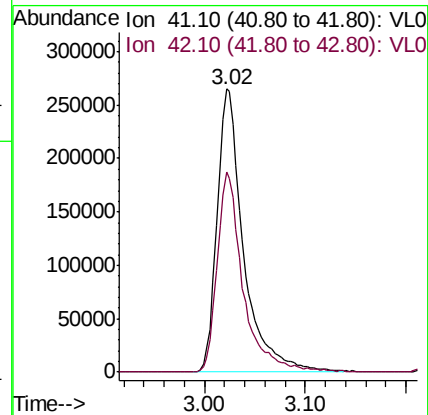
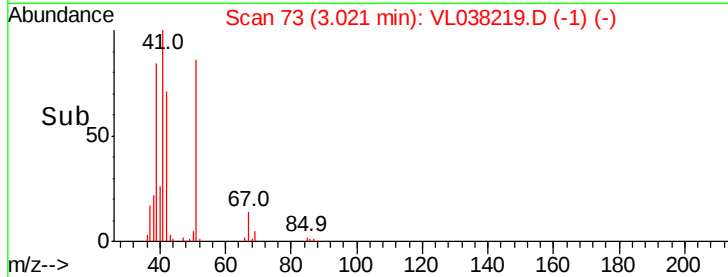
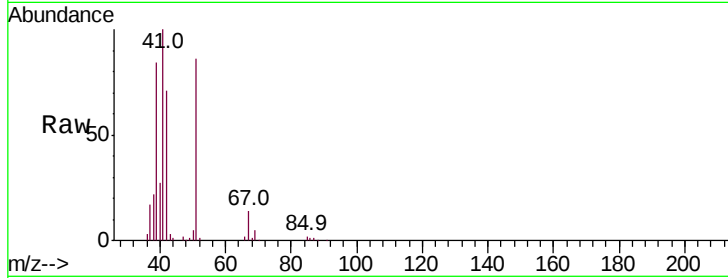


#9
 Propene
 Concen: 8.831 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 17:47

Tot Ion:
 Ion Ratio
 41 100
 42 69.

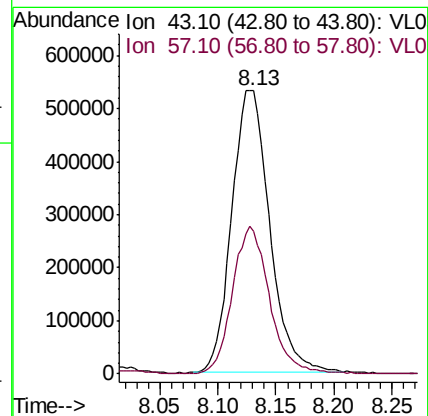
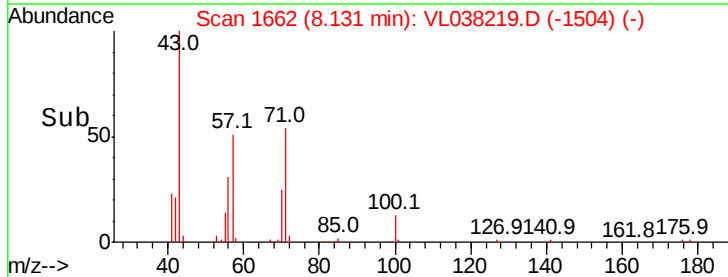
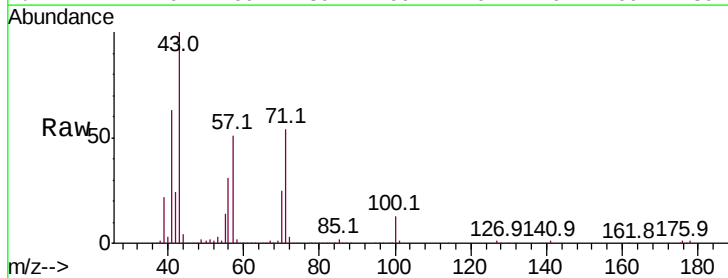
Manual Integrations
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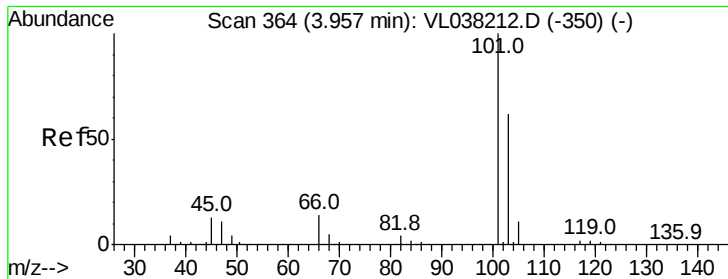
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#10
 Heptane
 Concen: 8.710 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion: 43 Resp: 1210548
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.3 60.5



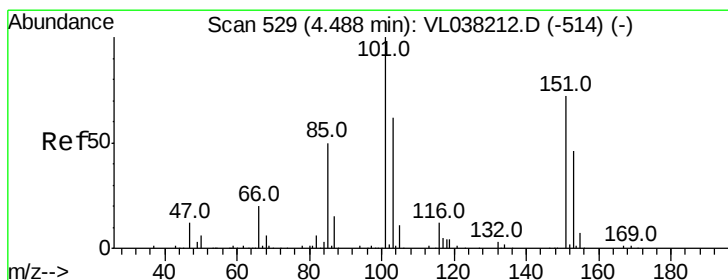
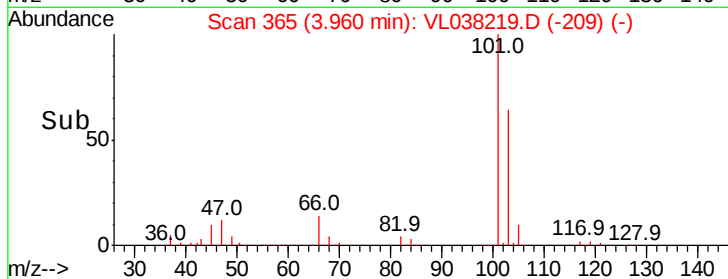
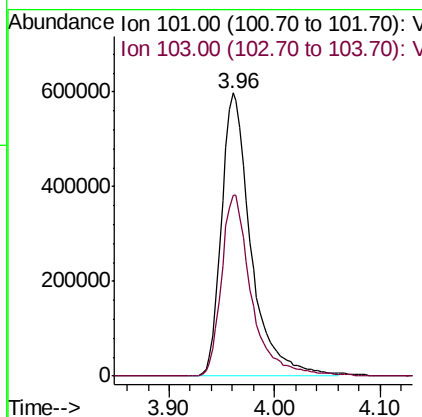
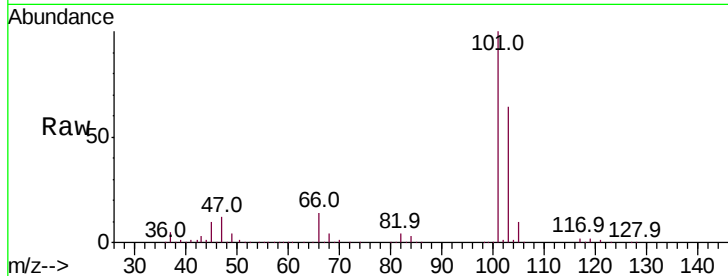


#11
 Trichlorofluoromethane
 Concen: 8.933 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 17:47

Tot Ion:1
 Ion Rati
 101 100
 103 64.

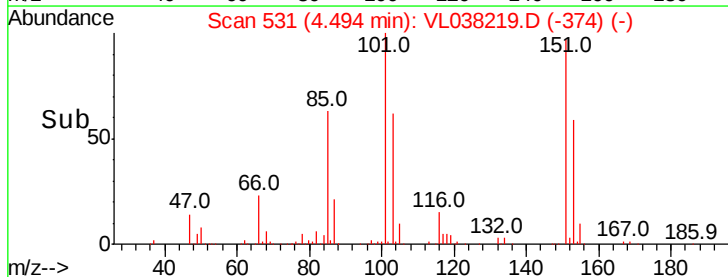
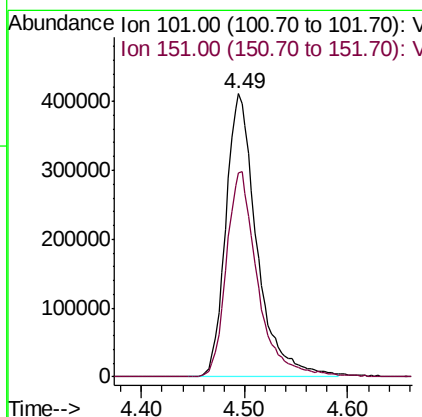
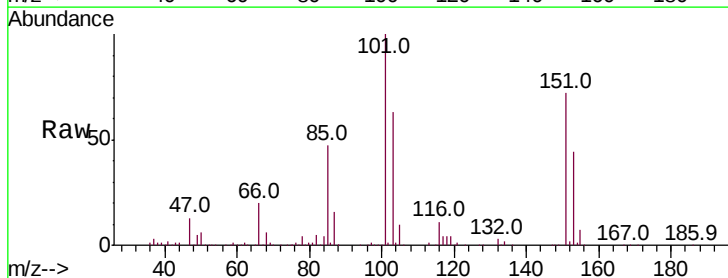
Manual Integrations
 APPROVED

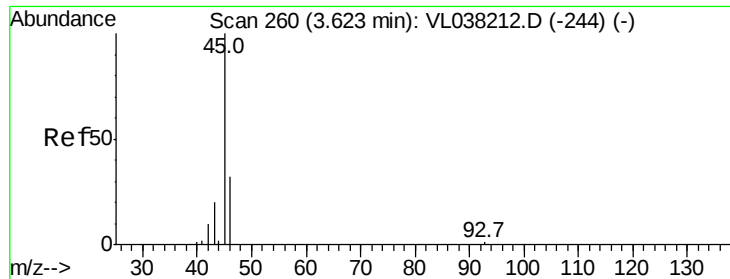
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.812 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion:101 Resp: 864925
 Ion Ratio Lower Upper
 101 100
 151 73.4 58.6 87.8





#13

Ethanol

Concen: 6.754 ppbv m

RT: 3.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

45 100

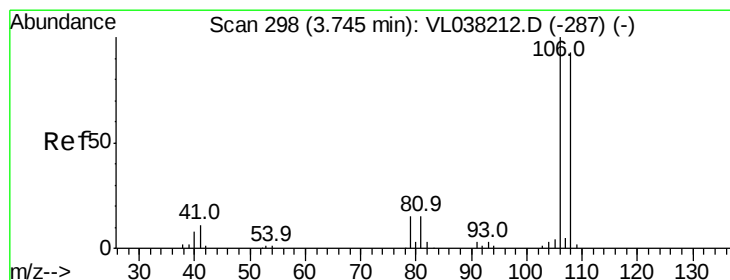
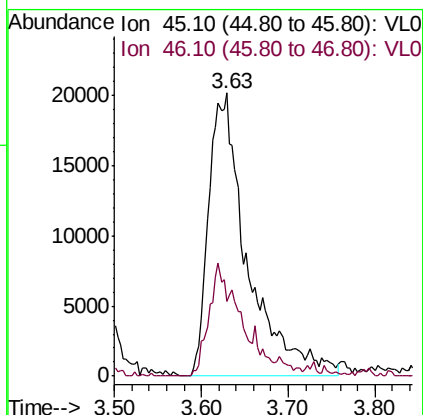
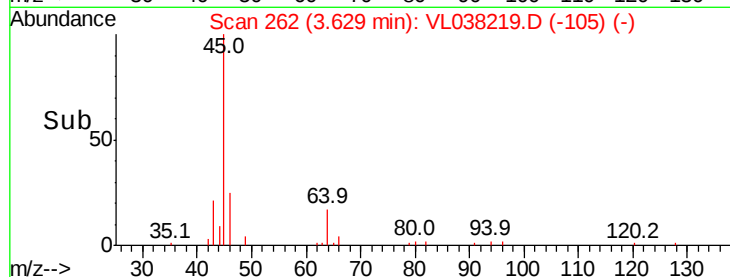
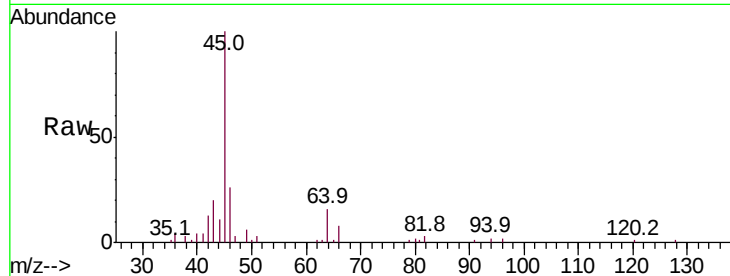
46 0.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#14

Bromoethene

Concen: 9.415 ppbv

RT: 3.75 min Scan# 300

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

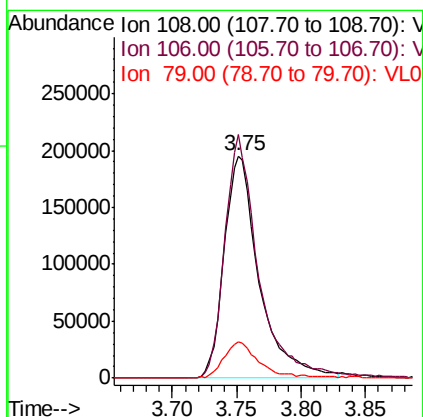
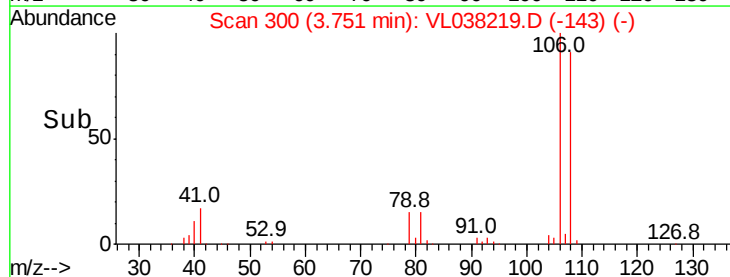
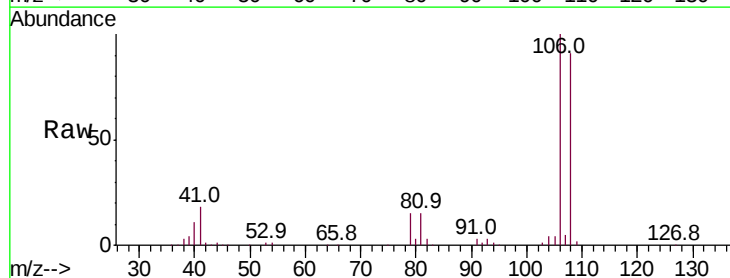
Tgt Ion:108 Resp: 368153

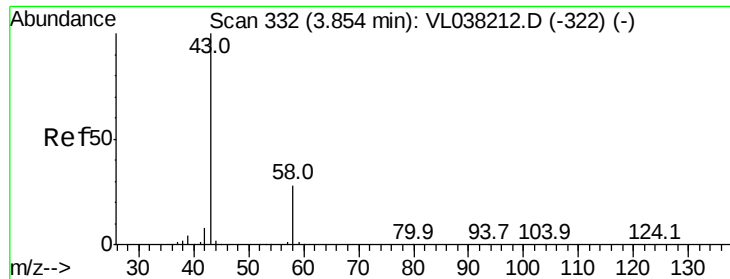
Ion Ratio Lower Upper

108 100

106 107.3 88.2 132.2

79 16.7 13.7 20.5





#15

Acetone

Concen: 7.613 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

43 100

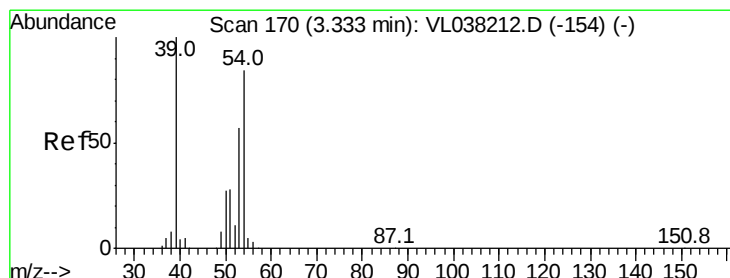
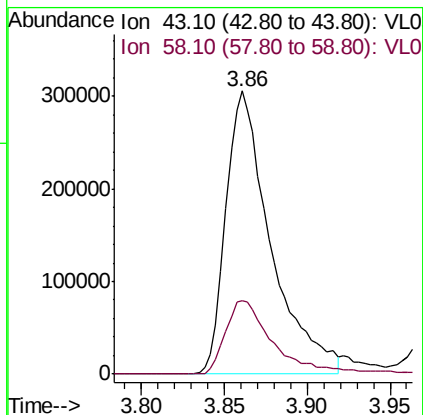
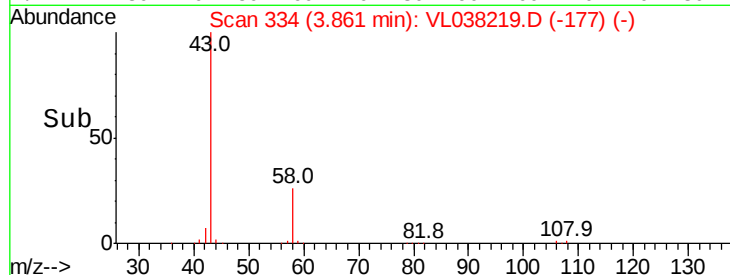
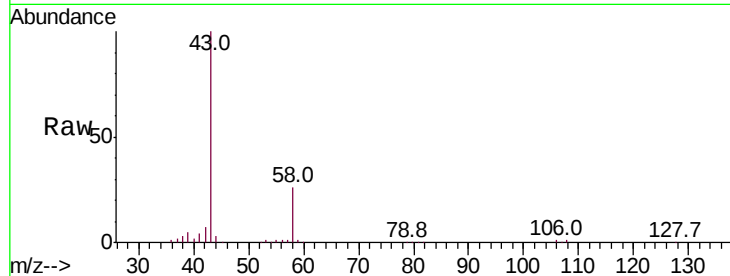
58 29.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#16

1,3-Butadiene

Concen: 9.135 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038219.D

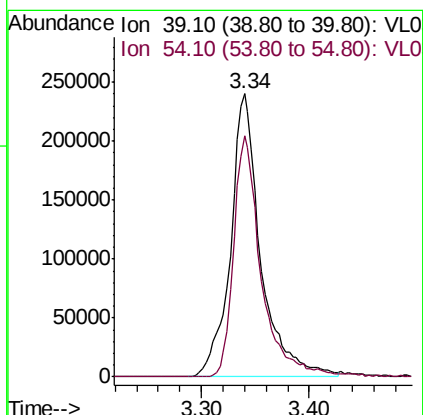
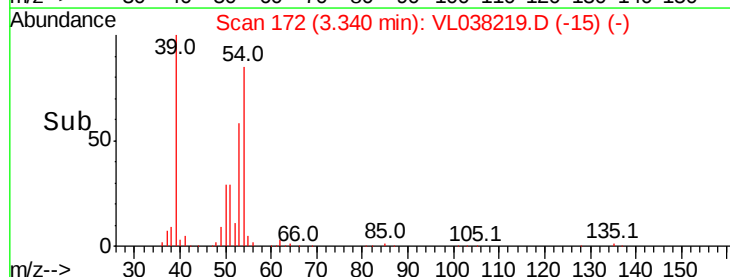
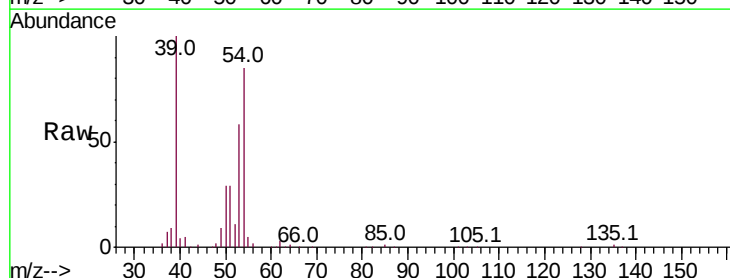
Acq: 21 Dec 2021 17:47

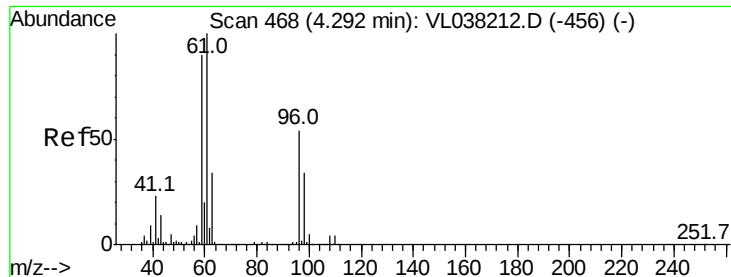
Tgt Ion: 39 Resp: 468977

Ion Ratio Lower Upper

39 100

54 78.7 62.9 94.3





#17

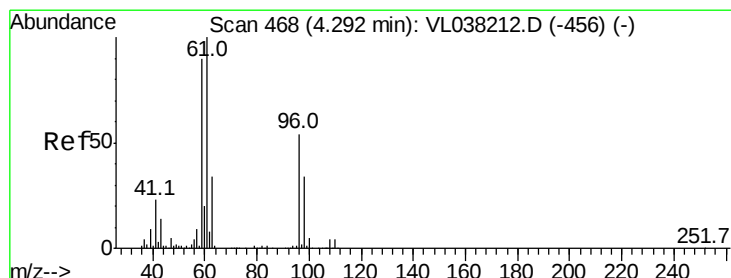
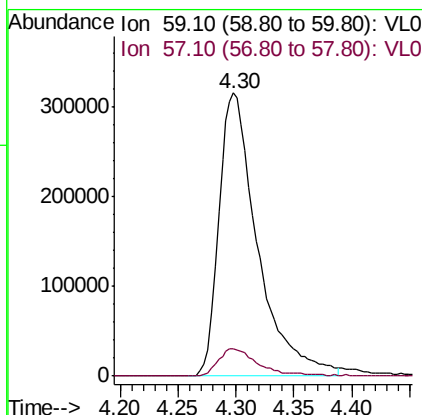
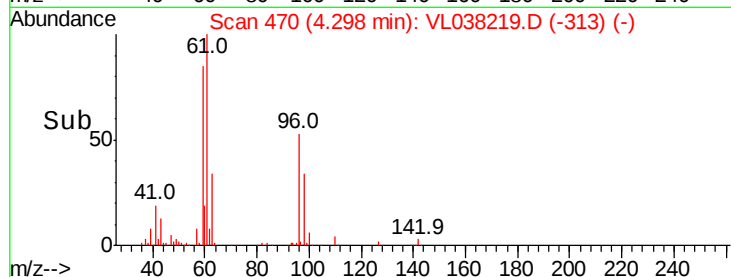
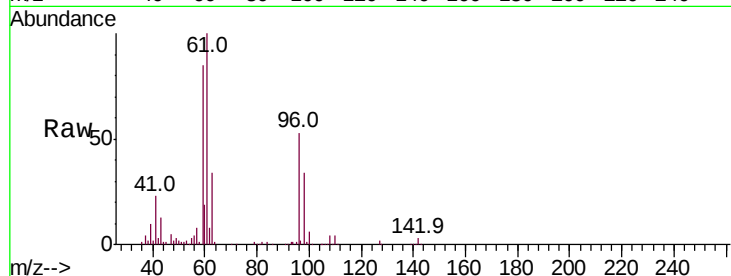
tert-Butyl alcohol
Concen: 8.893 ppbv
RT: 4.30 min
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Instrument : MSVOA_1
Client Sample Id : ICVVL122121

Tot Ion:
Ion Ratio
59 100
57 10.

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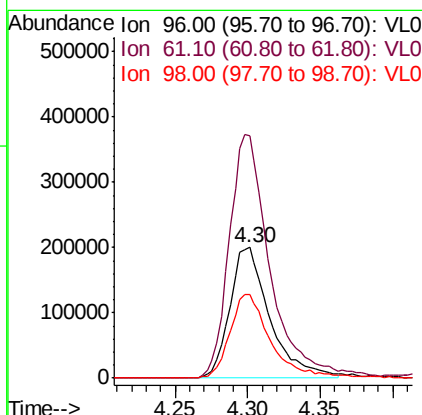
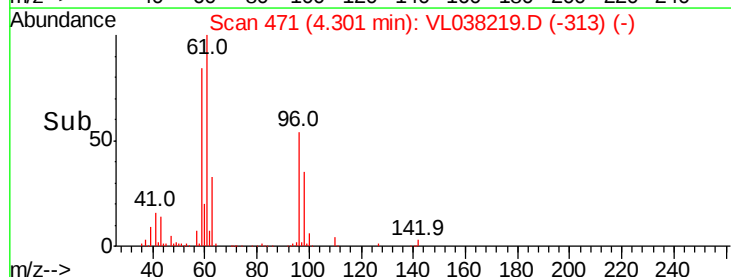
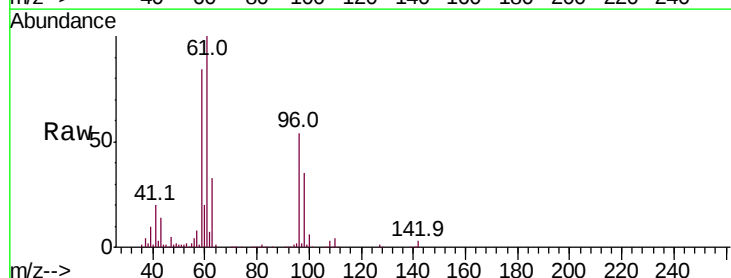
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021

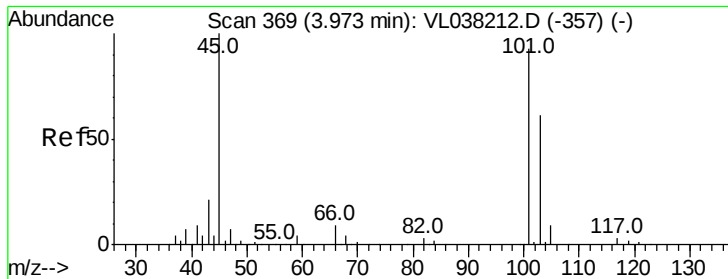


#18

1,1-Dichloroethene
Concen: 8.938 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	384174		
61	184.8		147.4	221.0
98	64.4		50.7	76.1



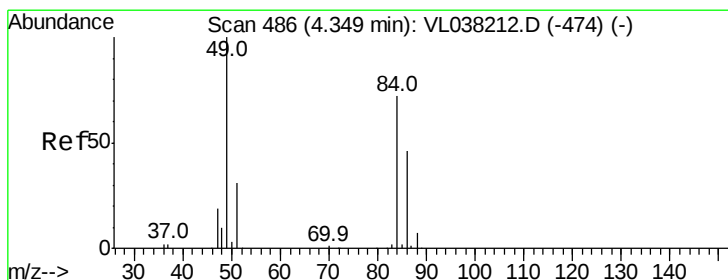
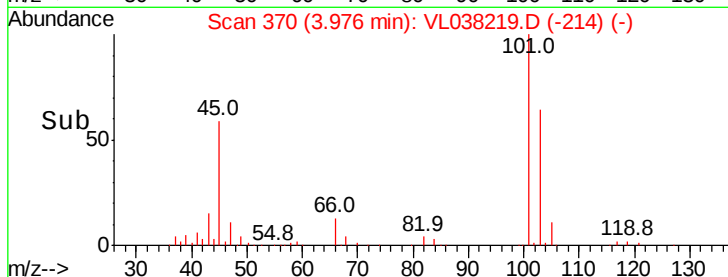
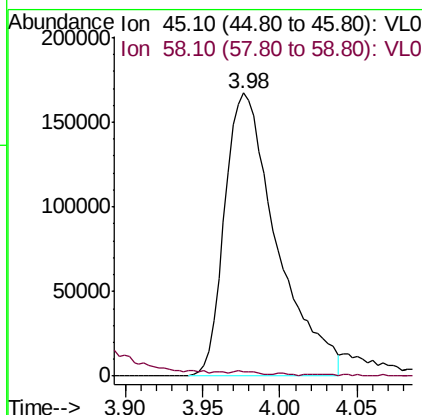
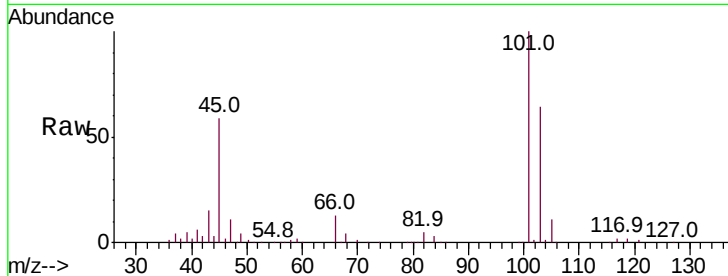


#19
Isopropyl Alcohol
Concen: 8.312 ppbv
RT: 3.98 min
Delta R.T. MSVOA.L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion:
Ion Ratio
45 100
58 43.

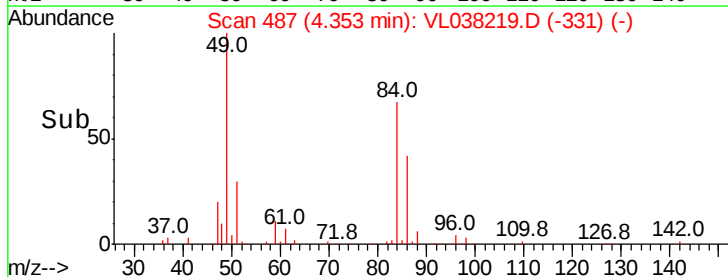
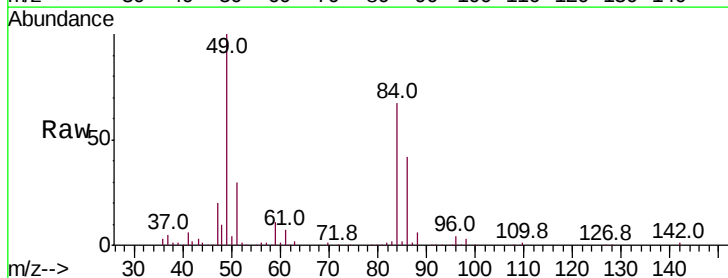
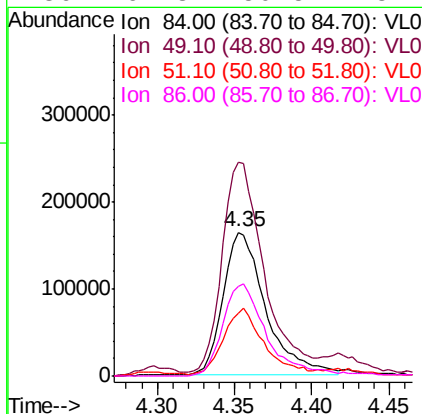
Manual Integrations
APPROVED

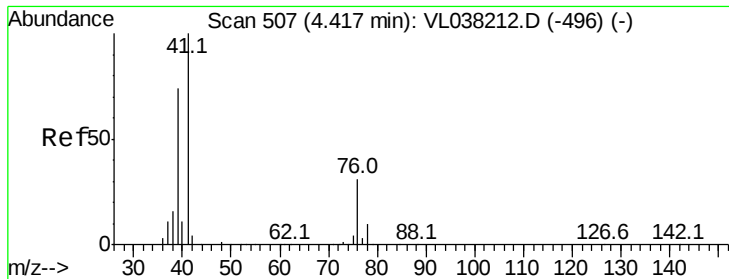
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#20
Methylene Chloride
Concen: 7.424 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 84 Resp: 315867
Ion Ratio Lower Upper
84 100
49 147.0 110.6 166.0
51 42.9 34.2 51.2
86 62.3 50.5 75.7





#21

Allvl Chloride

Concen: 9.324 ppbv

RT: 4.42 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

41 100

76 30.

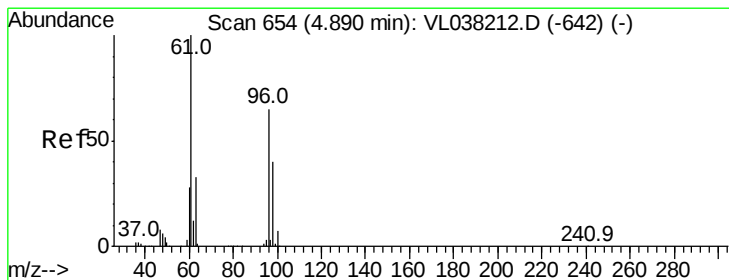
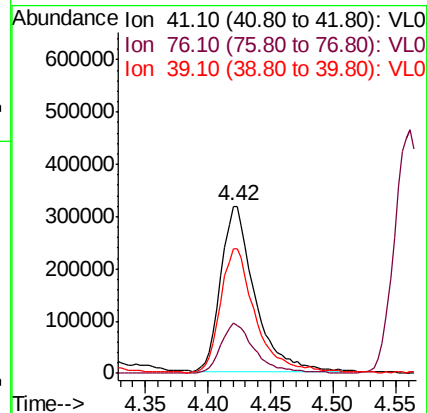
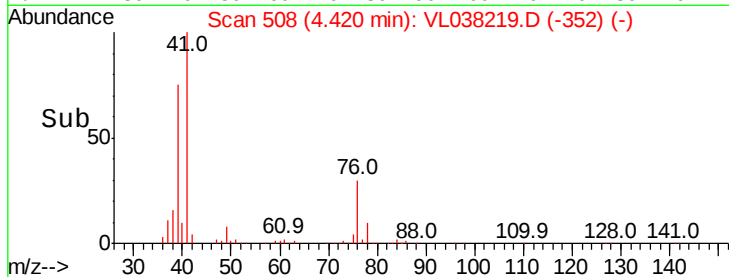
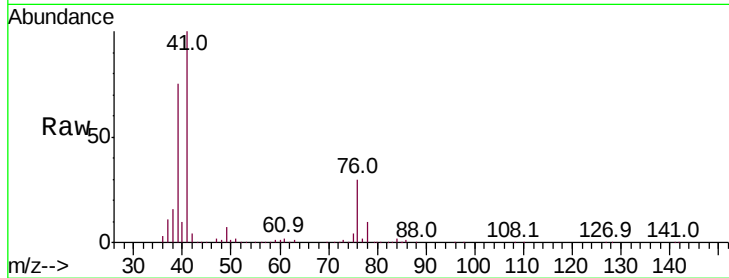
39 80.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#22

trans-1,2-Dichloroethene

Concen: 9.268 ppbv

RT: 4.89 min Scan# 655

Delta R.T. 0.00 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

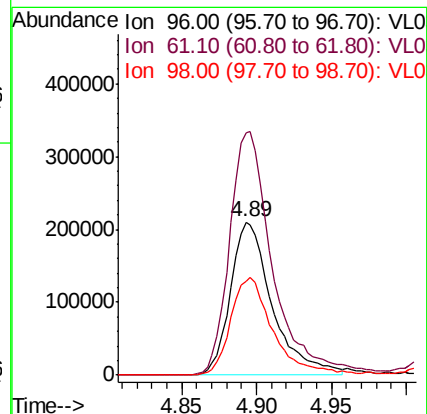
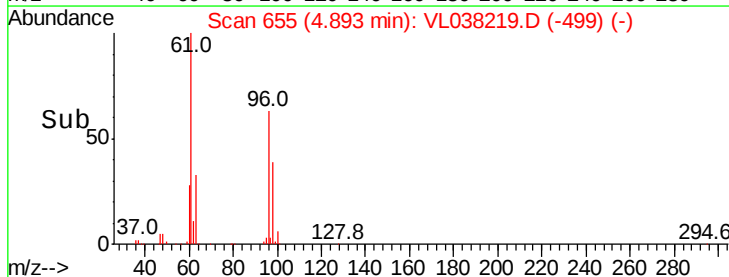
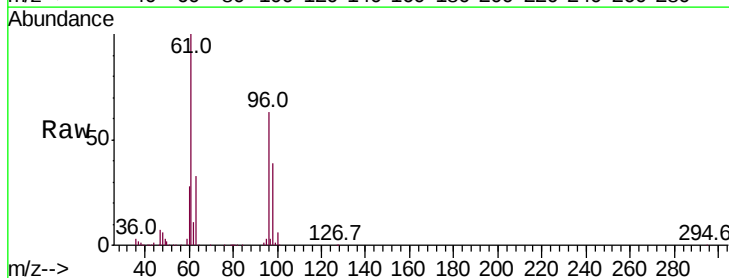
Tgt Ion: 96 Resp: 406432

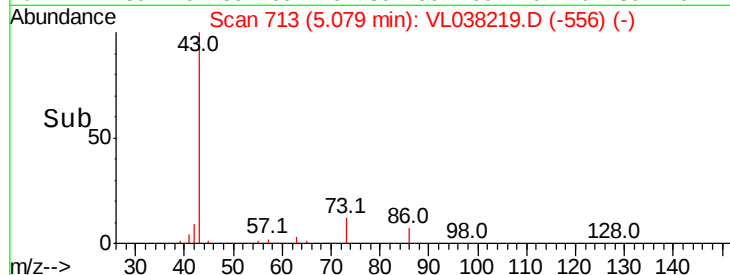
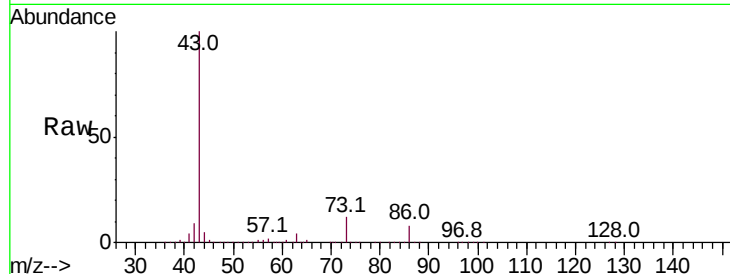
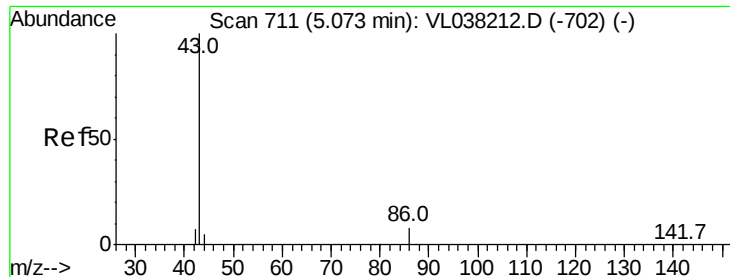
Ion Ratio Lower Upper

96 100

61 158.7 123.5 185.3

98 61.5 50.0 75.0





#23

Vinyl Acetate

Concen: 9.537 ppbv

RT: 5.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion: Manual Integrations

Ion Ratio APPROVED

43 100

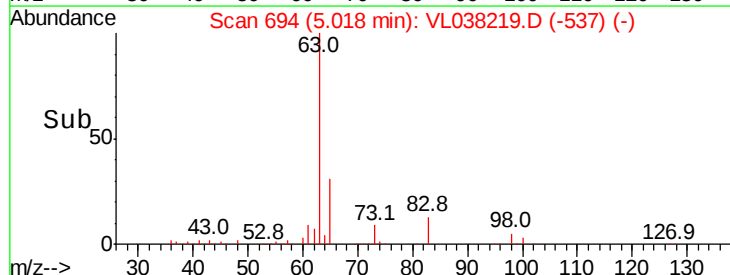
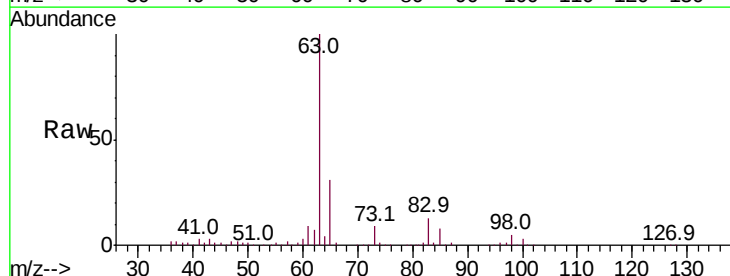
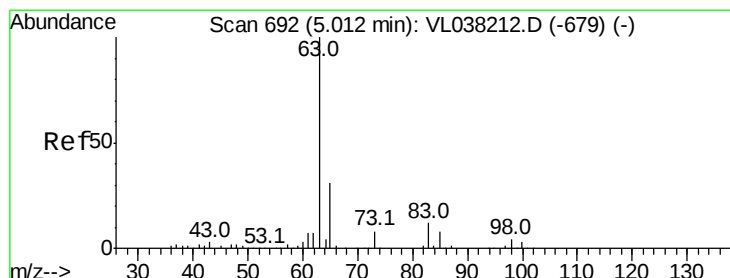
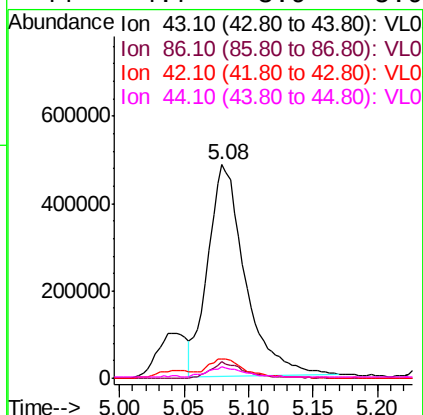
86 7.

42 9.

44 4.7 3.9 5.9

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#24

1,1-Dichloroethane

Concen: 8.800 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

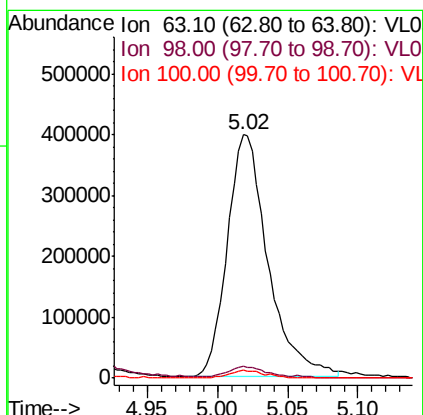
Tgt Ion: 63 Resp: 802976

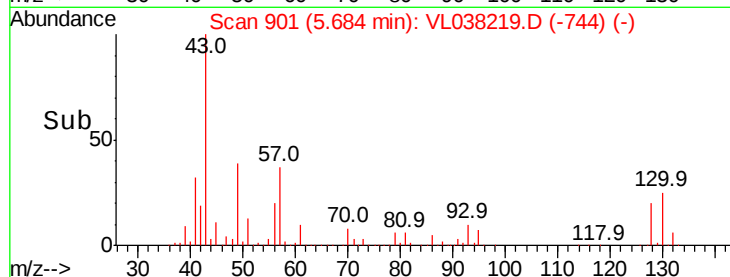
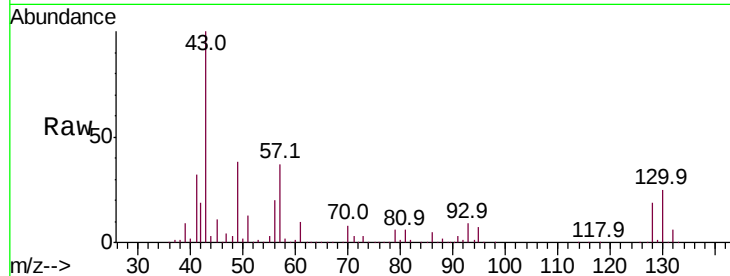
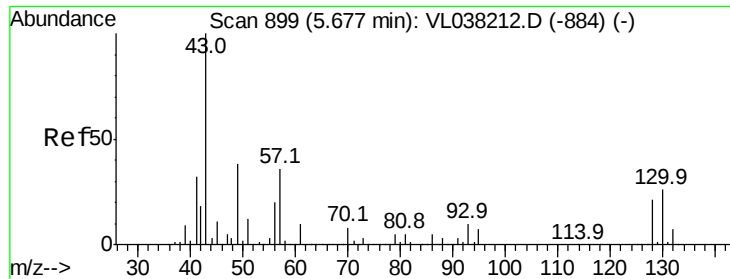
Ion Ratio Lower Upper

63 100

98 4.4 2.2 6.6

100 3.0 1.5 4.4



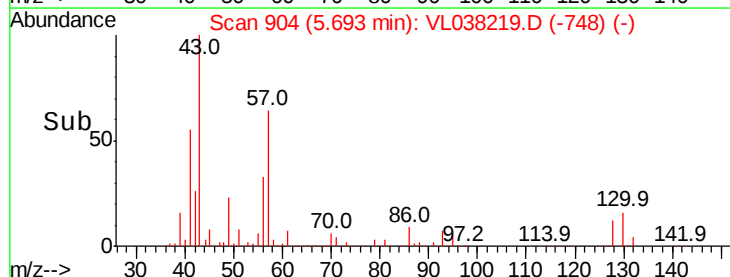
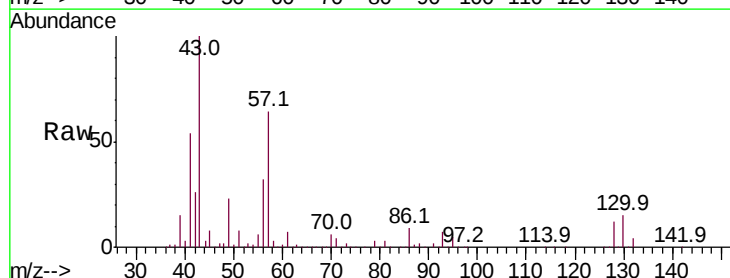
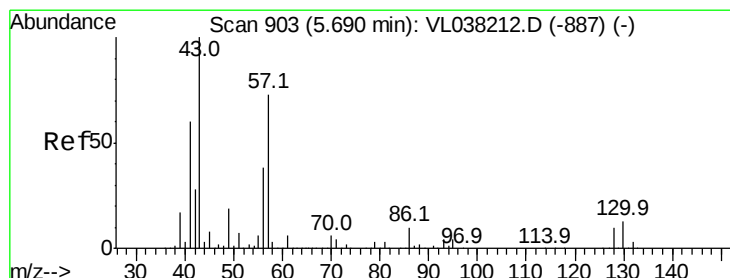
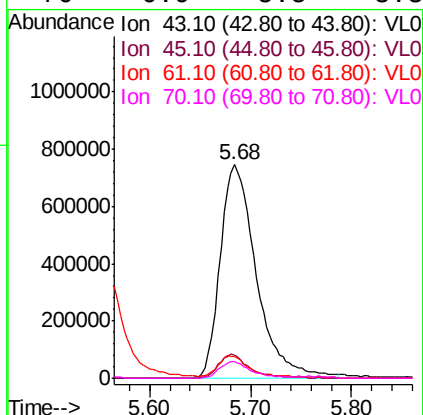


#25
Ethyl Acetate
Concen: 9.095 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 17:47

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

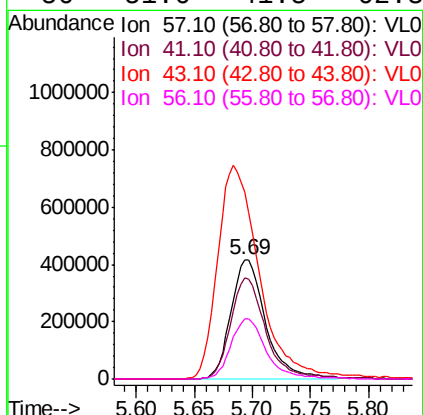
Manual Integrations
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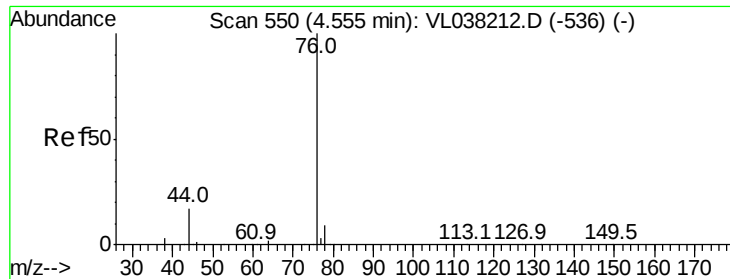
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#26
Hexane
Concen: 8.474 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 57 Resp: 868026
Ion Ratio Lower Upper
57 100
41 87.1 69.0 103.6
43 216.8 171.2 256.8
56 51.6 41.5 62.3



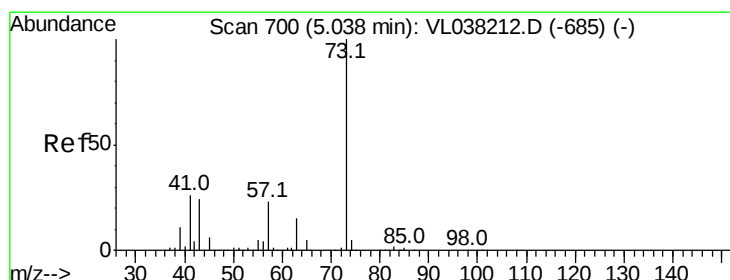
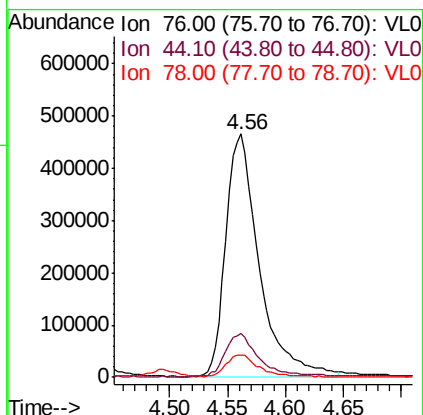
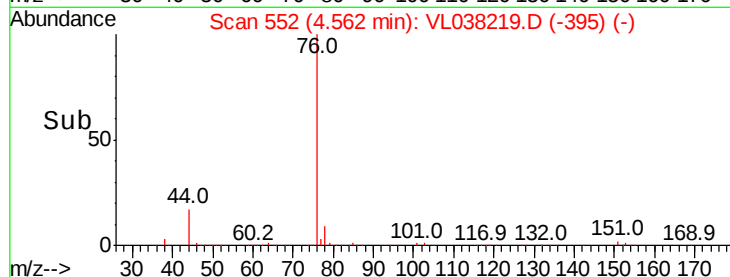
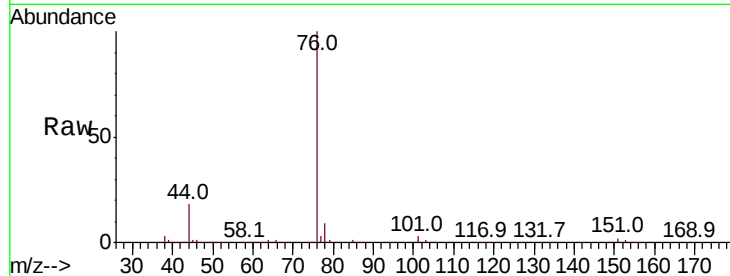


#27
Carbon Disulfide
Concen: 10.342 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 21 Dec 2021 17:47

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

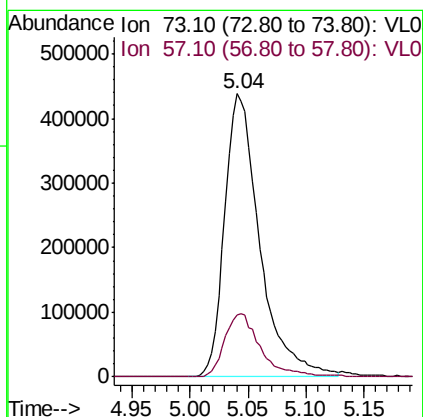
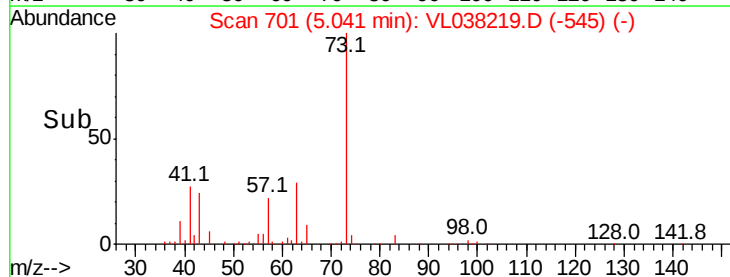
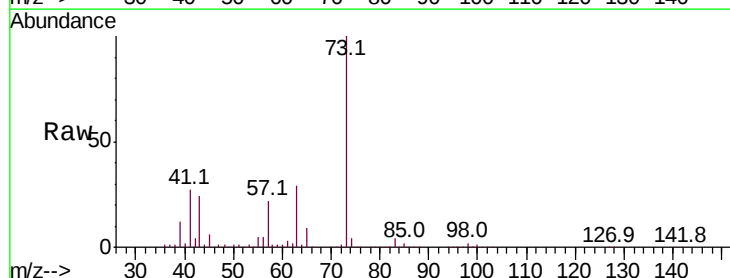
Manual Integrations
APPROVED

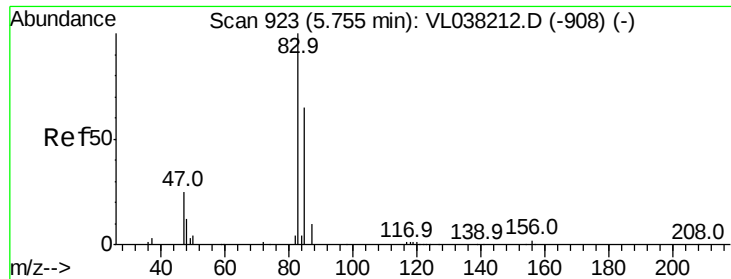
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#28
Methyl tert-Butyl Ether
Concen: 8.941 ppbv
RT: 5.04 min Scan# 701
Delta R.T.: 0.00 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 73 Resp: 920416
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2



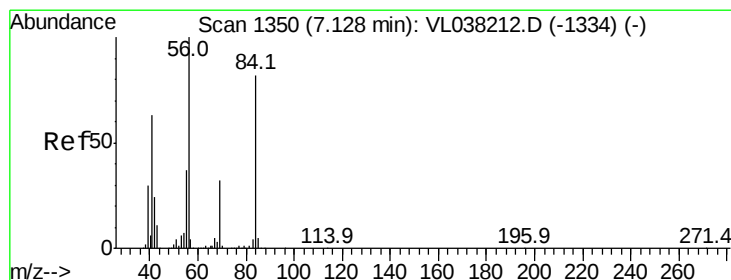
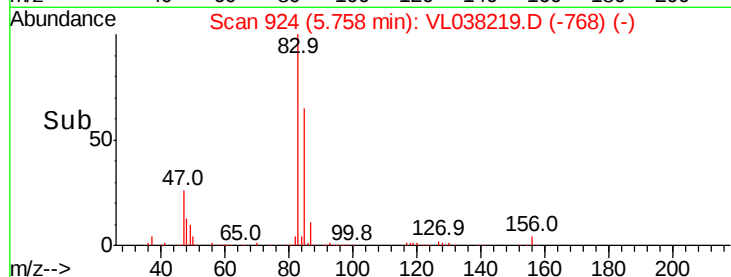
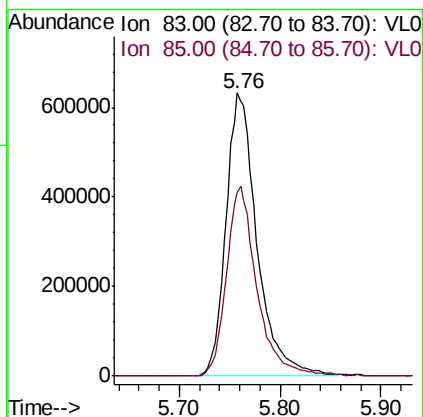
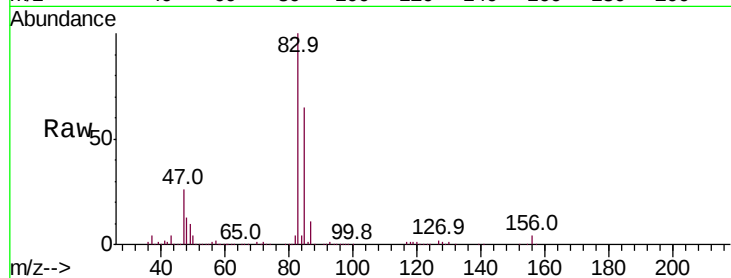


#29
Chloroform
Concen: 8.938 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion:
Ion Ratio
83 100
85 64.

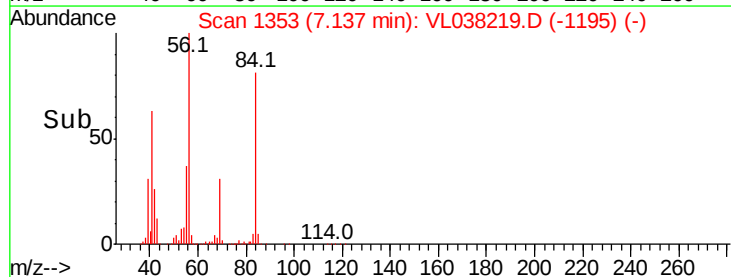
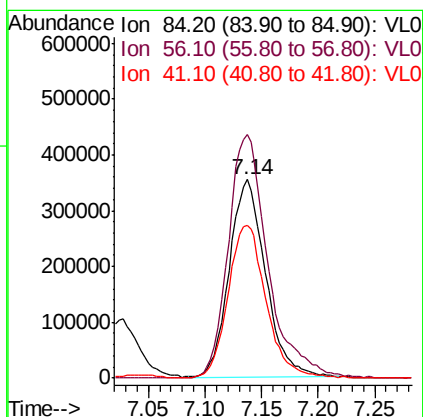
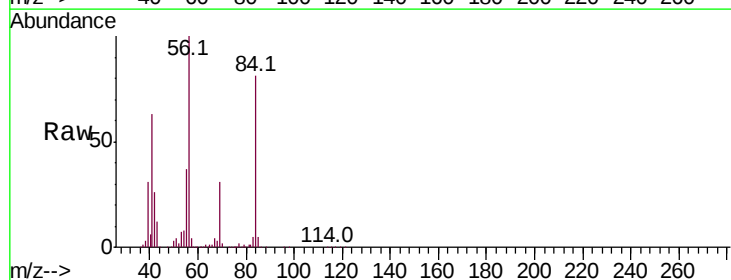
Manual Integrations
APPROVED

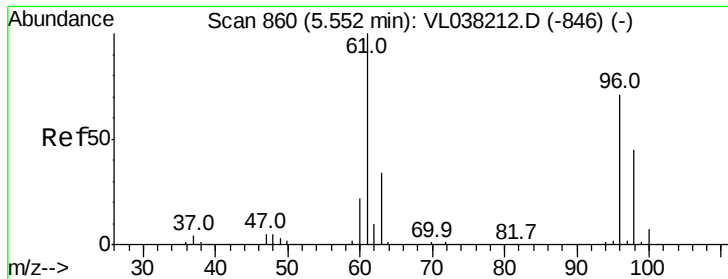
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#30
Cyclohexane
Concen: 8.727 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 84 Resp: 791787
Ion Ratio Lower Upper
84 100
56 135.4 105.2 157.8
41 81.5 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 10.207 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

61 100

96 66.

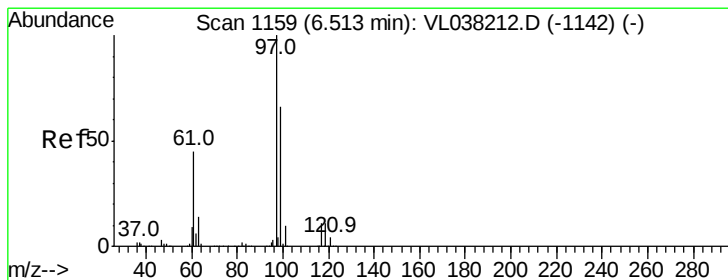
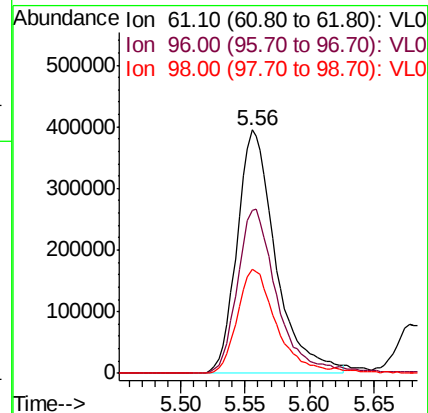
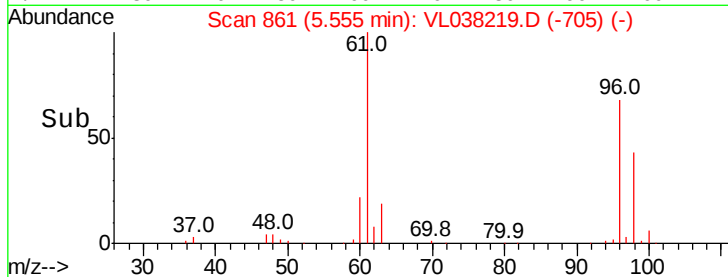
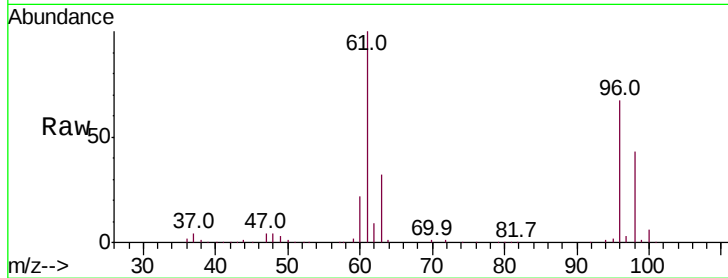
98 42.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.285 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

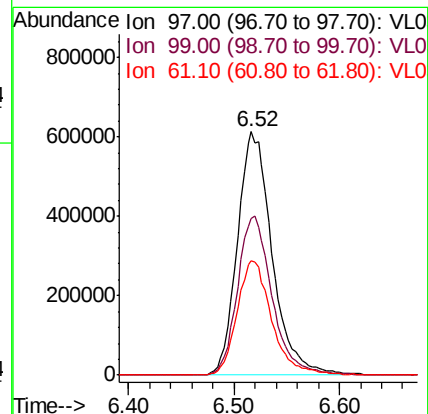
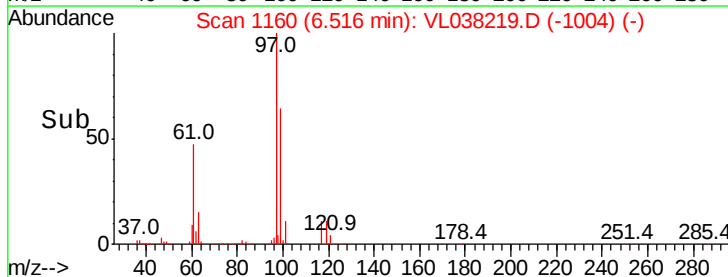
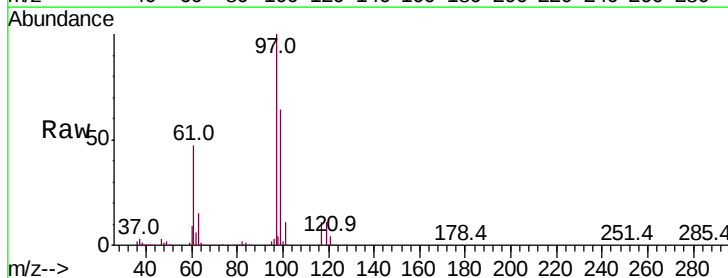
Tgt Ion: 97 Resp: 1400310

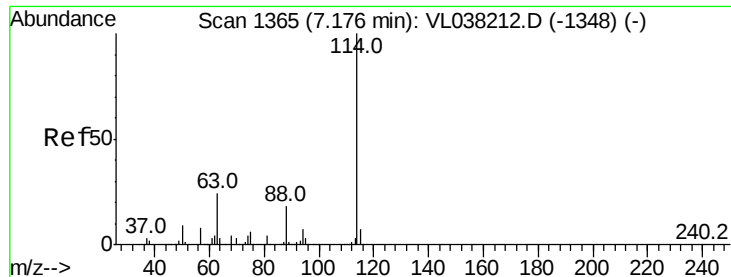
Ion Ratio Lower Upper

97 100

99 65.1 52.4 78.6

61 47.3 37.2 55.8



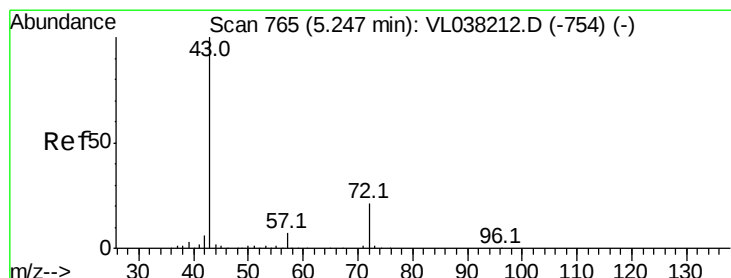
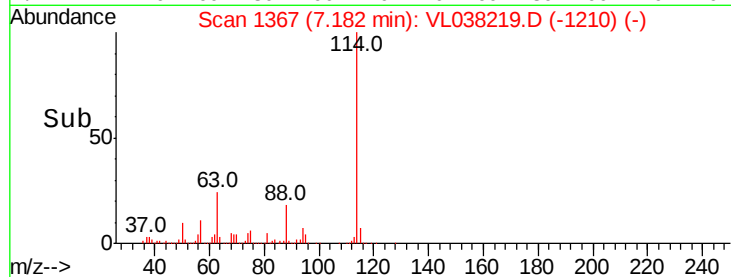
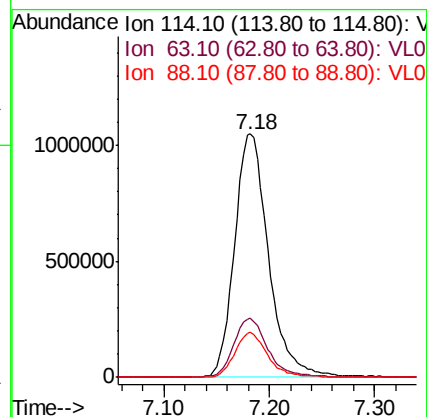
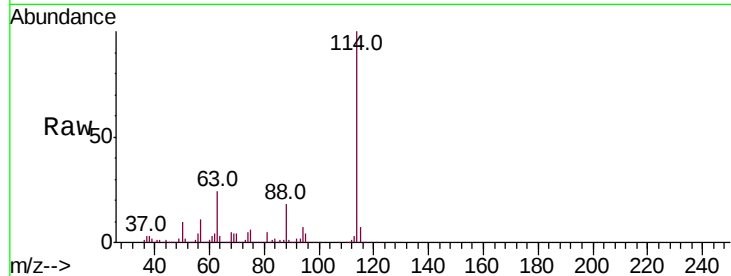


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Dec 2021 17:47

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

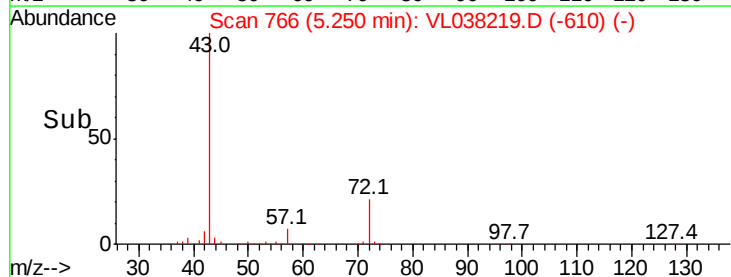
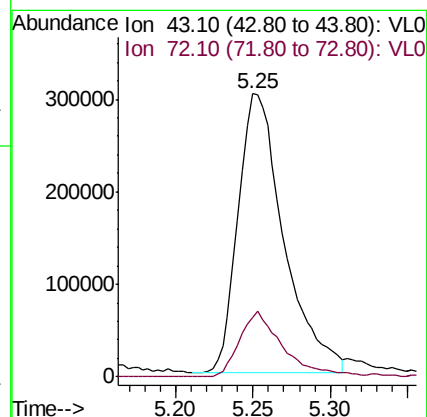
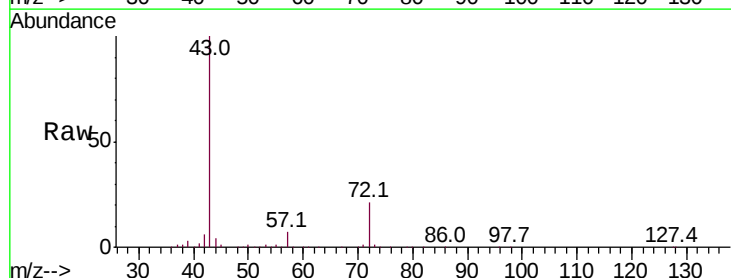
Manual Integrations
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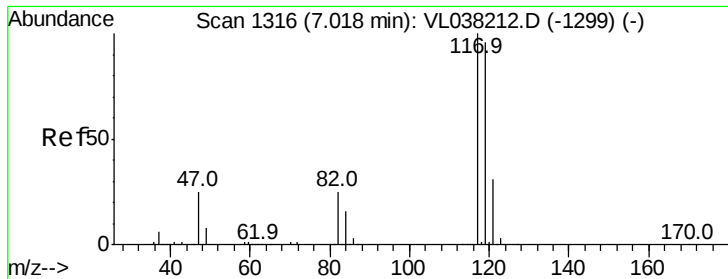
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#34
 2-Butanone
 Concen: 8.871 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.00 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion: 43 Resp: 623386
 Ion Ratio Lower Upper
 43 100
 72 23.1 18.3 27.5



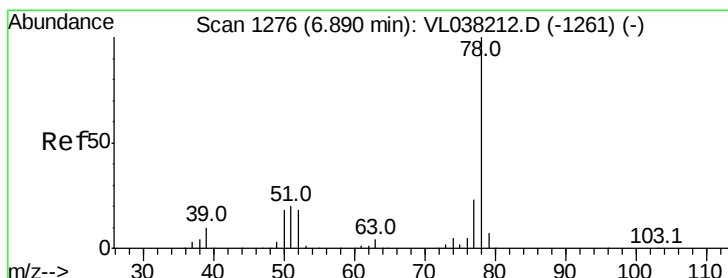
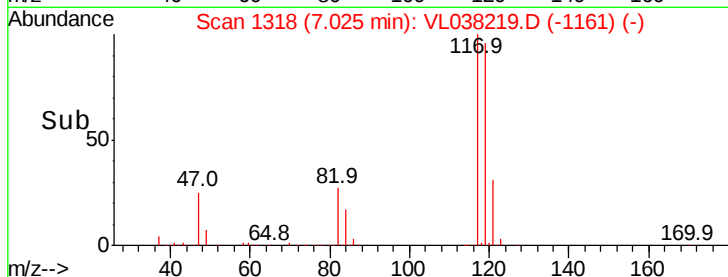
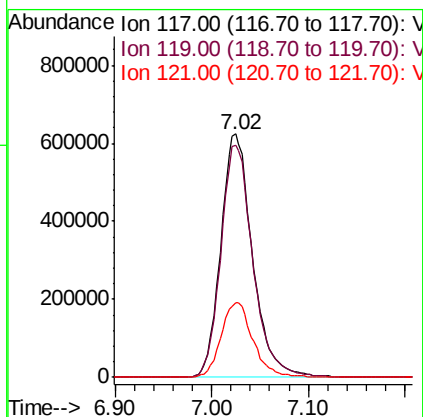
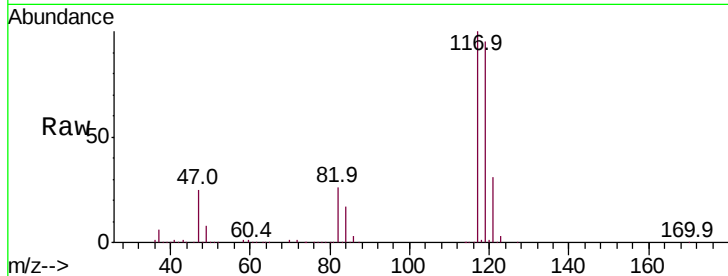


#35
Carbon Tetrachloride
Concen: 9.849 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

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

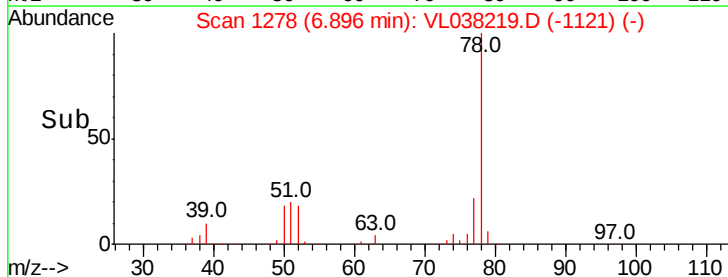
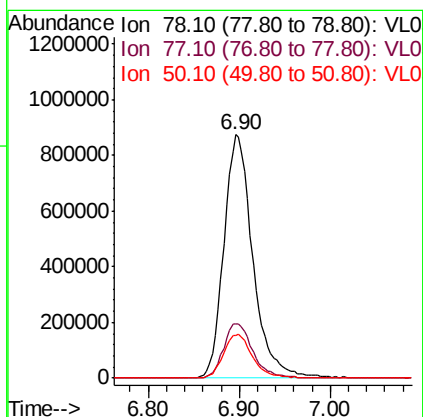
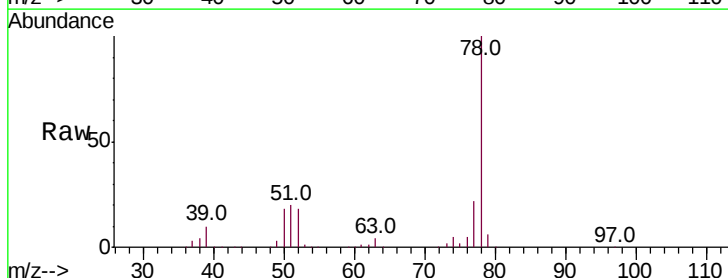
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APPROVED

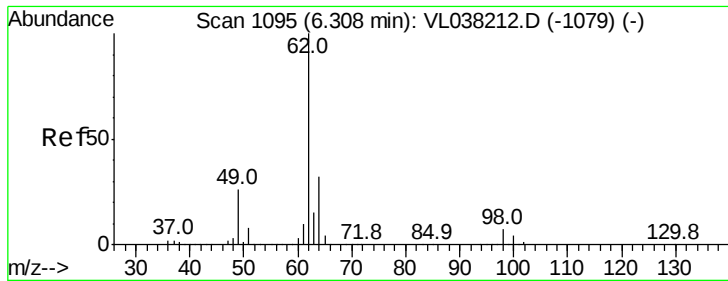
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#36
Benzene
Concen: 8.865 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 78 Resp: 1933267
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.4
50 17.7 14.3 21.5



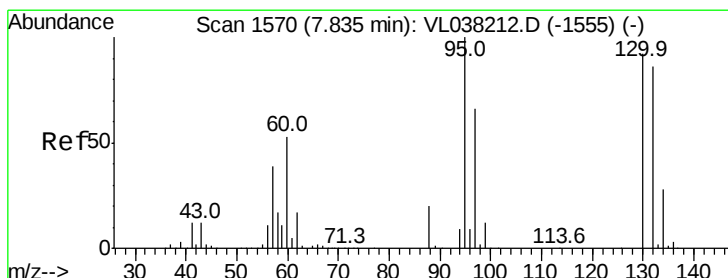
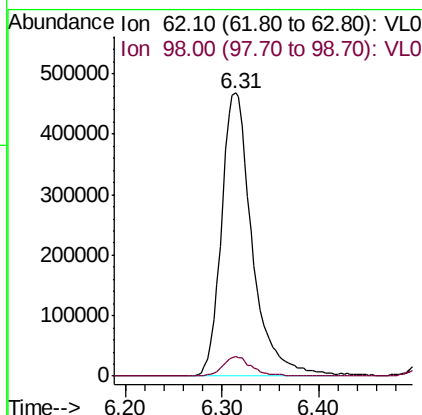
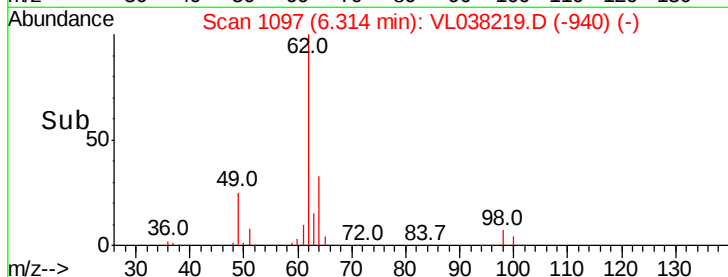
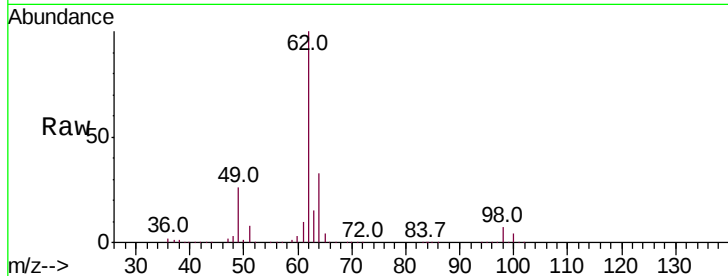


#37
 1,2-Dichloroethane
 Concen: 9.452 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 17:47

Tot Ion:
 Ion Ratio
 62 100
 98 6.

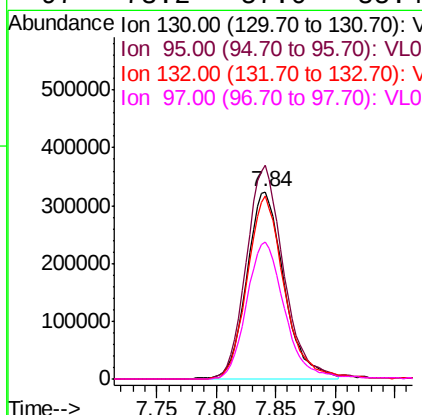
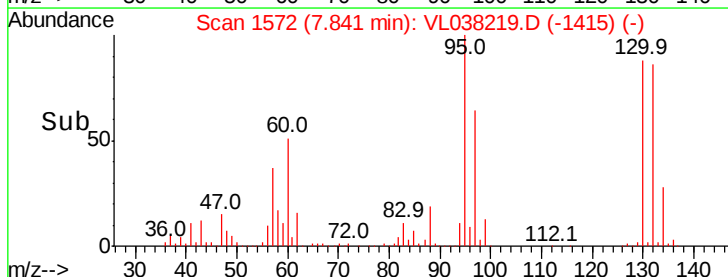
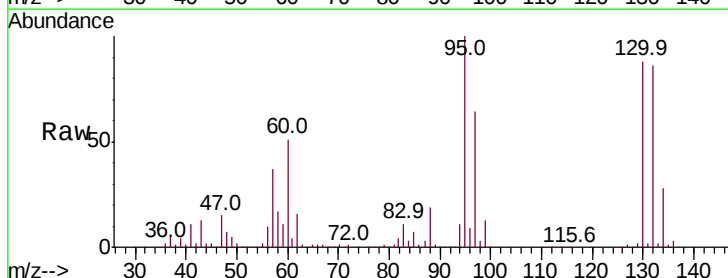
Manual Integrations
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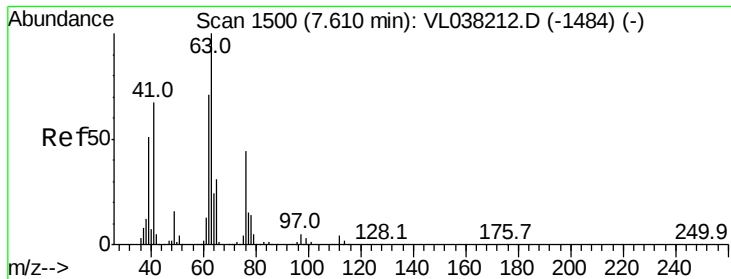
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#38
 Trichloroethene
 Concen: 8.429 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion:130 Resp: 699534
 Ion Ratio Lower Upper
 130 100
 95 114.5 87.0 130.4
 132 98.0 75.1 112.7
 97 73.2 57.0 85.4





#39

1,2-Dichloropropane

Concen: 8.959 ppbv

RT: 7.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

63 100

41 66.

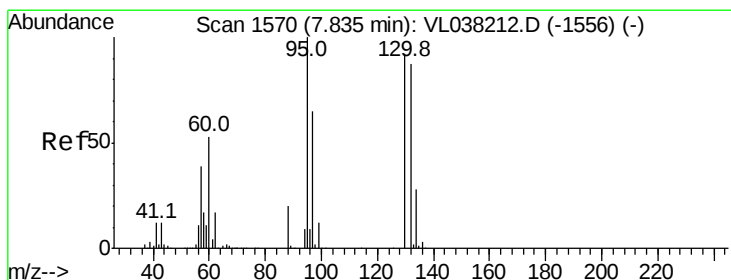
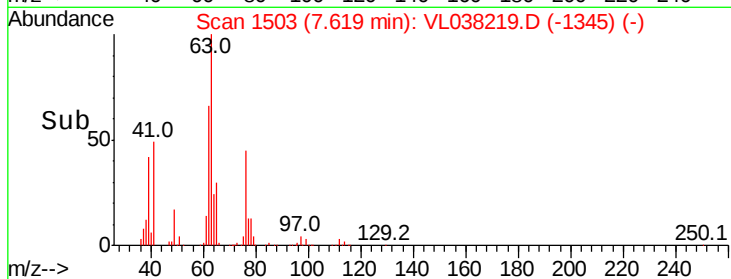
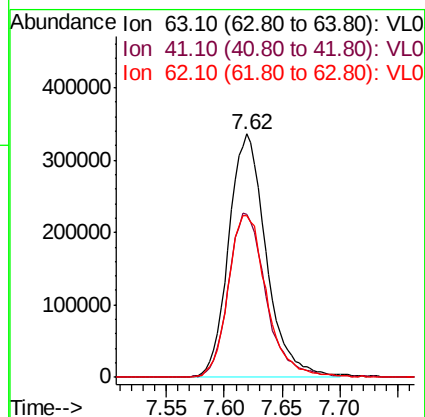
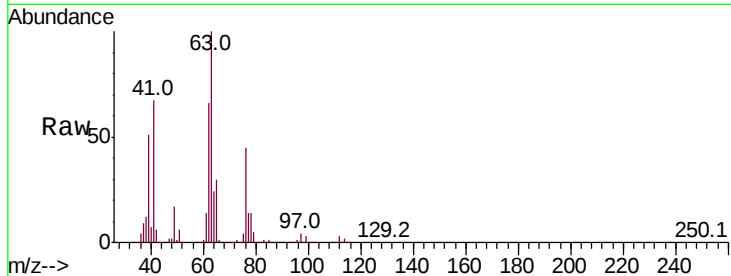
62 66.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#40

1,4-Dioxane

Concen: 8.412 ppbv m

RT: 7.84 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

Tgt Ion: 88 Resp: 205370

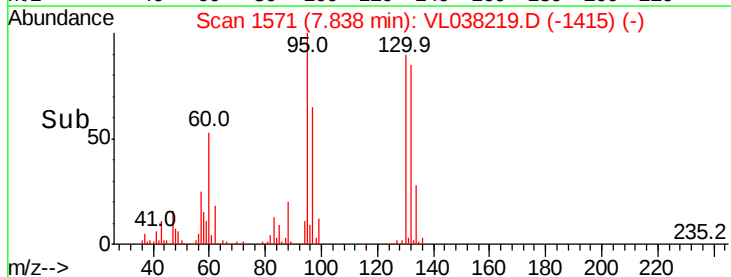
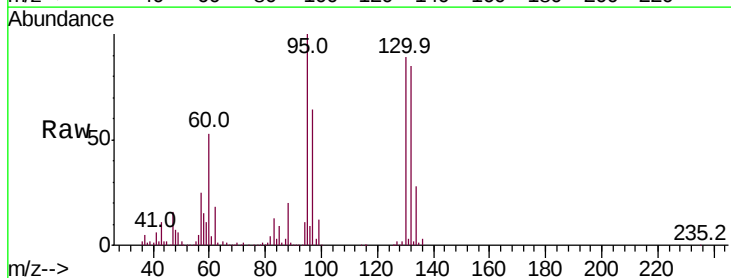
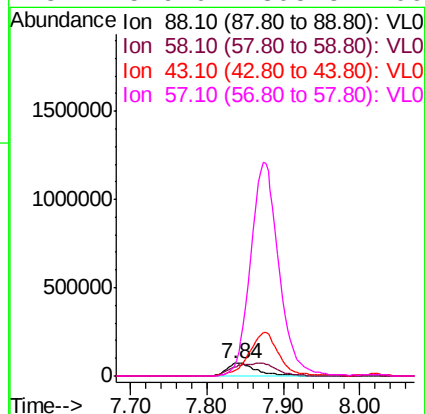
Ion Ratio Lower Upper

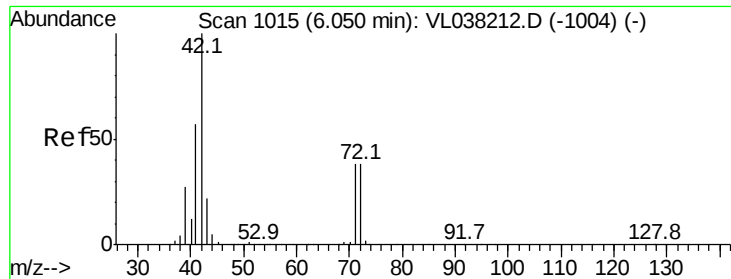
88 100

58 141.5 127.8 191.8

43 334.1 301.0 451.6

57 1526.0 1395.5 2093.3





#41

Tetrahydrofuran

Concen: 9.346 ppbv

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

42 100

72 39.

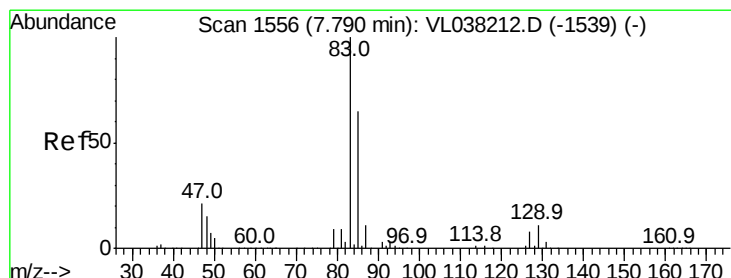
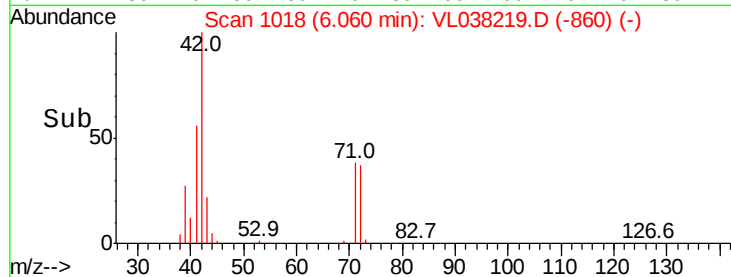
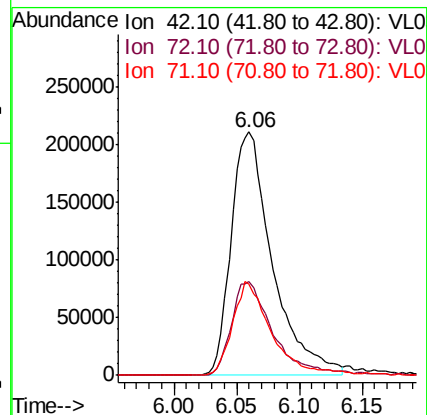
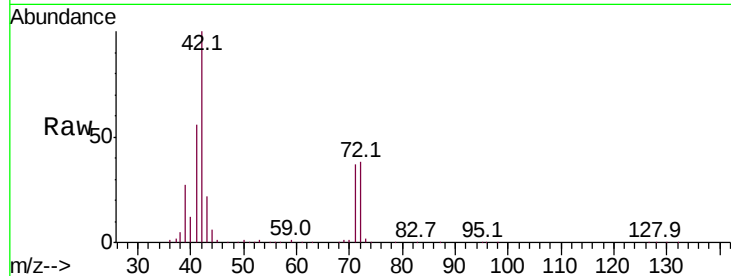
71 37.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#42

Bromodichloromethane

Concen: 9.569 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

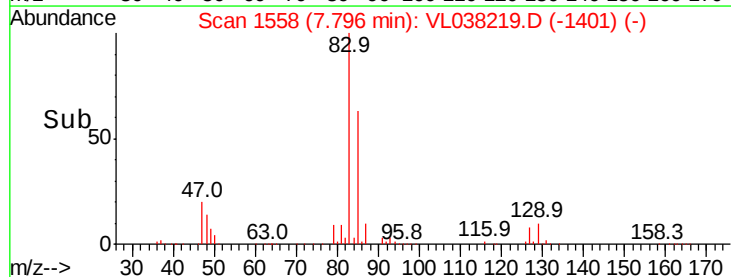
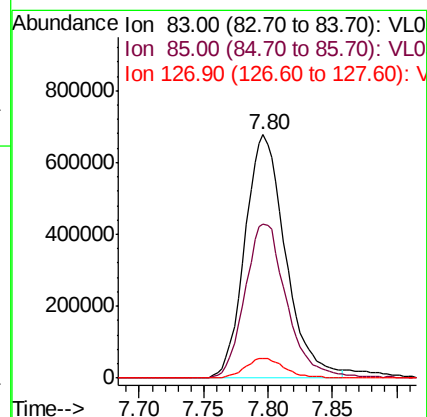
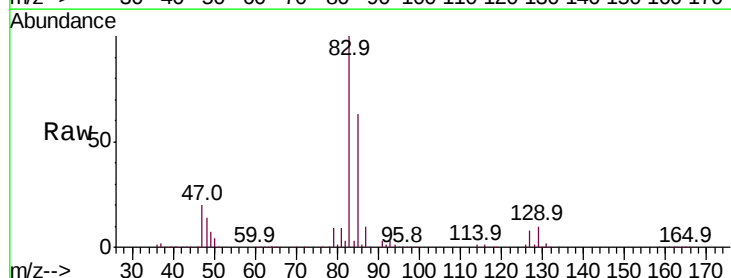
Tgt Ion: 83 Resp: 1489822

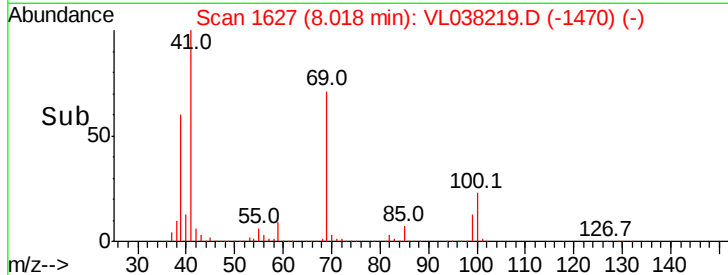
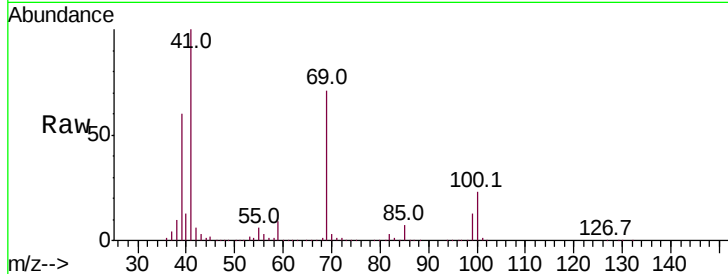
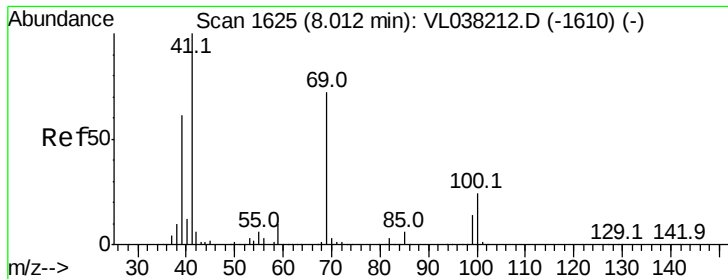
Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

127 8.0 6.1 9.1





#43

Methyl Methacrylate

Concen: 9.580 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: ICVVL122121

Acq: 21 Dec 2021 17:47

Tot Ion:

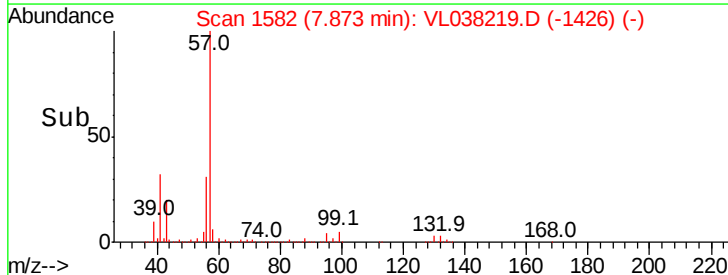
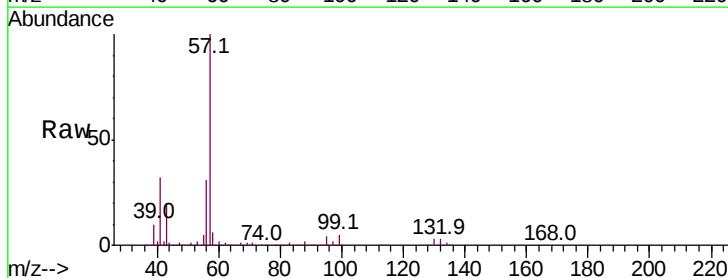
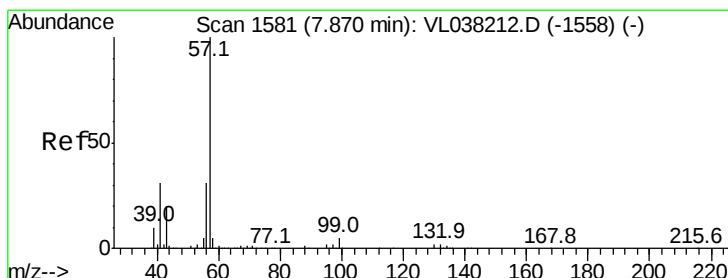
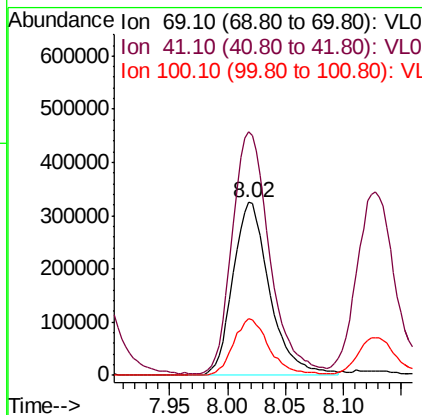
Ion	Ratio
69	100
41	143.
100	31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.451 ppbv

RT: 7.87 min Scan# 1582

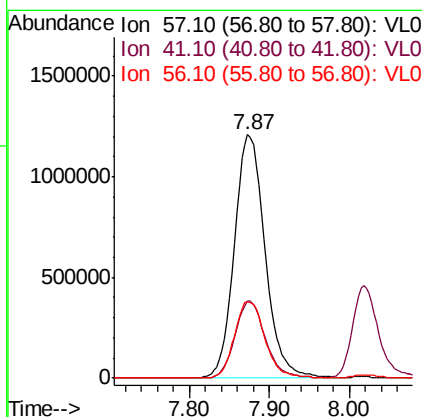
Delta R.T. 0.00 min

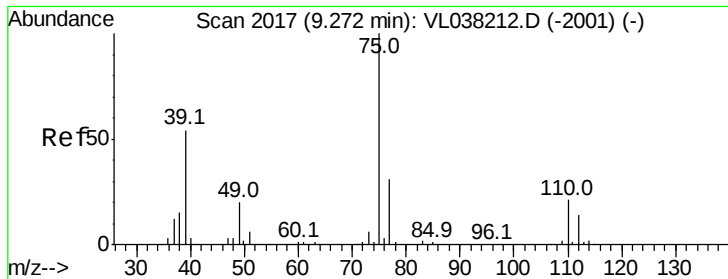
Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

Tgt Ion: 57 Resp: 3130674

Ion	Ratio	Lower	Upper
57	100		
41	31.1	24.9	37.3
56	31.2	24.8	37.2





#45

t-1,3-Dichloropropene

Concen: 11.364 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

75 100

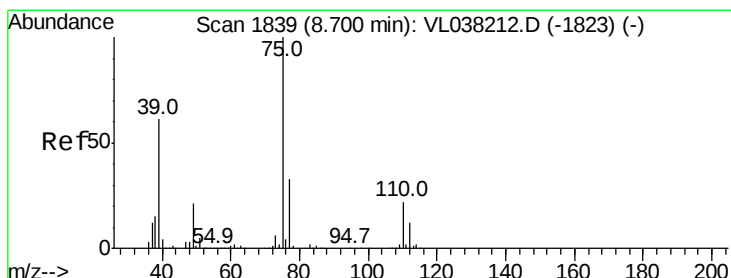
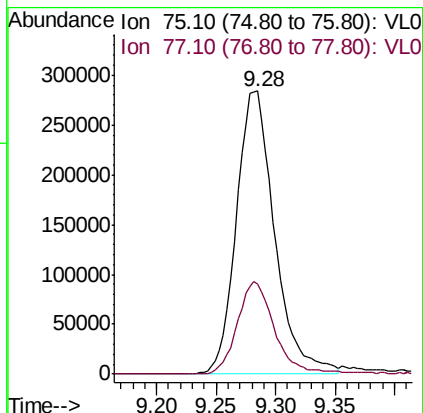
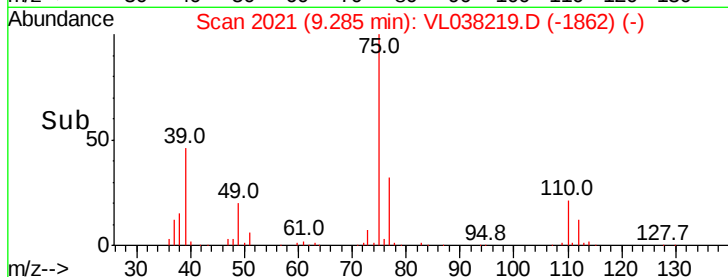
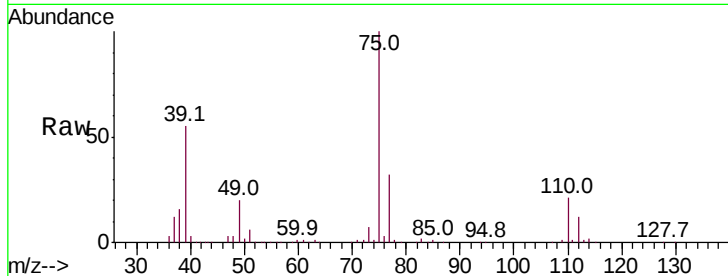
77 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.365 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

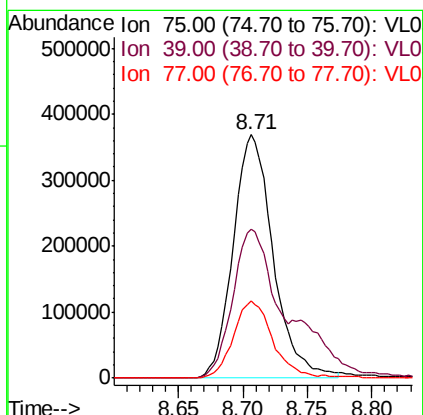
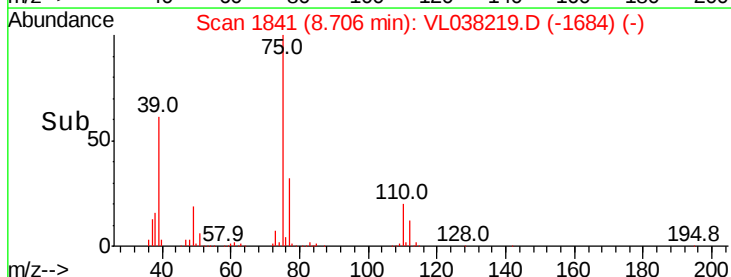
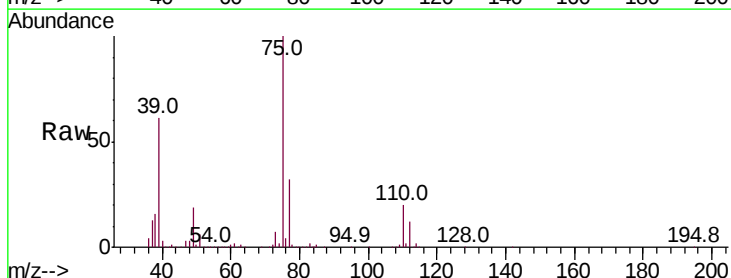
Tgt Ion: 75 Resp: 796868

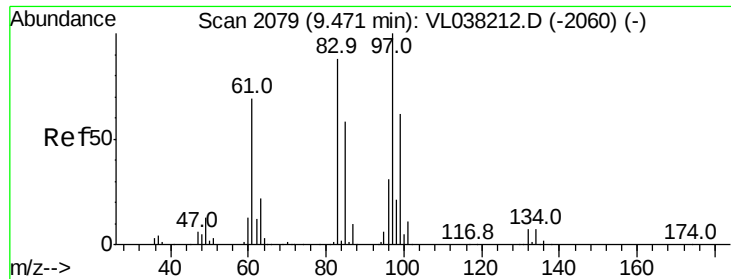
Ion Ratio Lower Upper

75 100

39 61.2 48.9 73.3

77 31.6 26.2 39.2



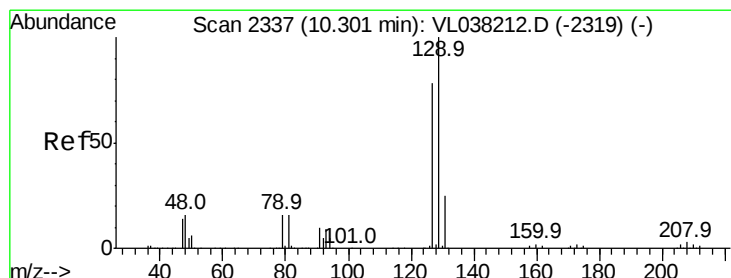
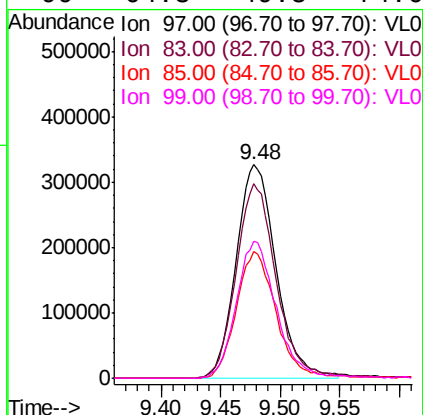
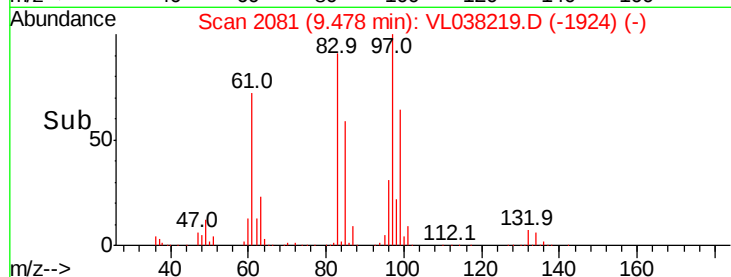
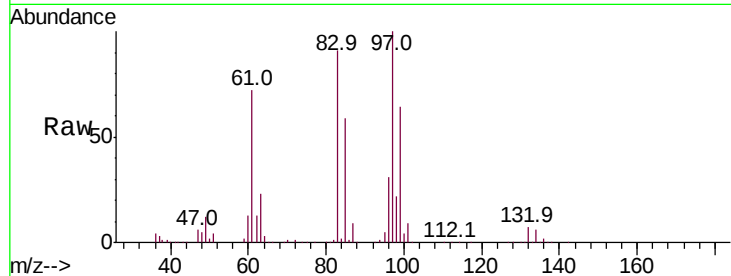


#47
 1,1,2-Trichloroethane
 Concen: 8.742 ppbv
 RT: 9.48
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 17:47

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 59.
 99 64.3 49.8 74.6

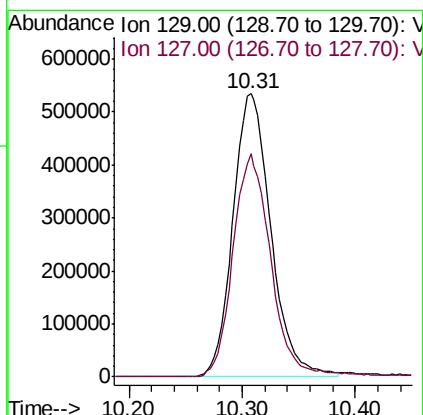
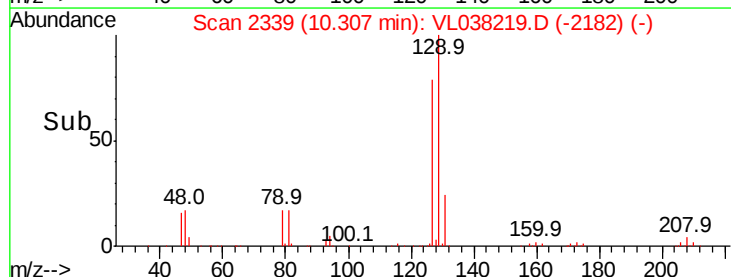
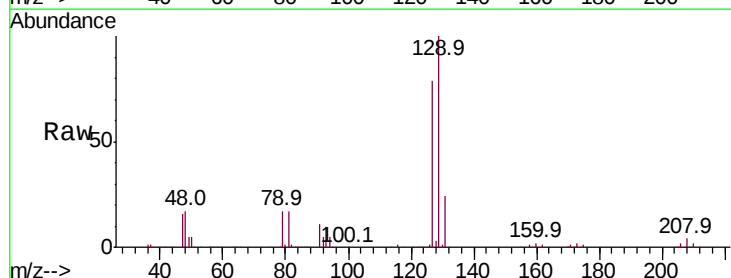
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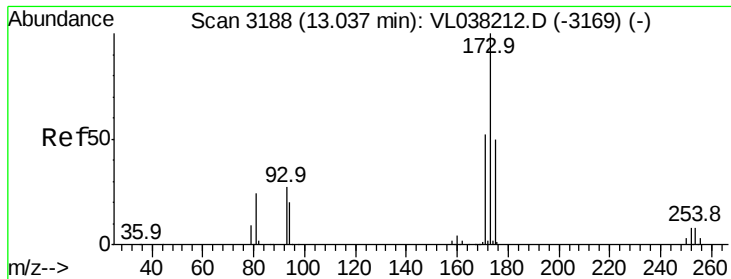
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#48
 Dibromochloromethane
 Concen: 10.195 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion:129 Resp: 1248818
 Ion Ratio Lower Upper
 129 100
 127 80.1 40.2 120.6





#49

Bromoform

Concen: 10.585 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:1

Ion Ratio

173 100

175 51.

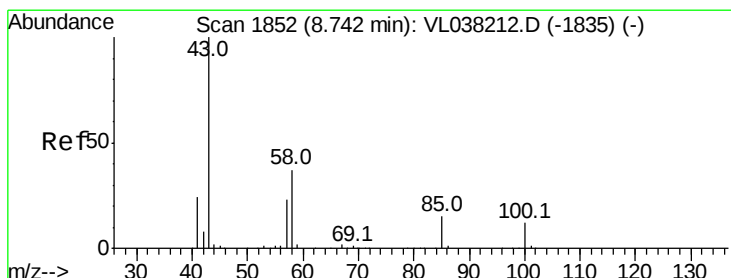
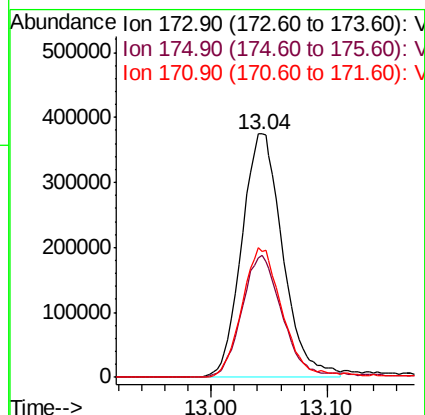
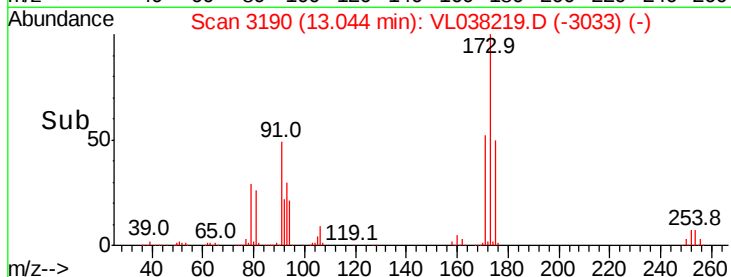
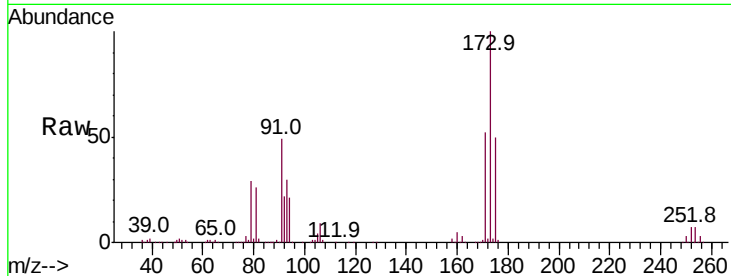
171 53.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#50

4-Methyl-2-Pentanone

Concen: 9.561 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL038219.D

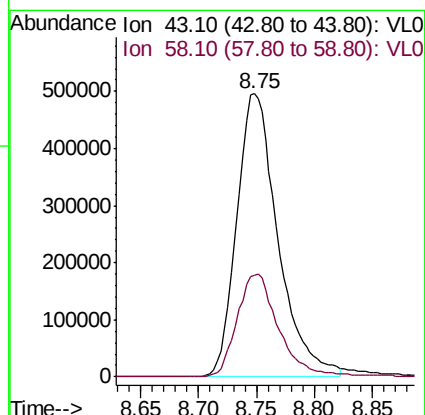
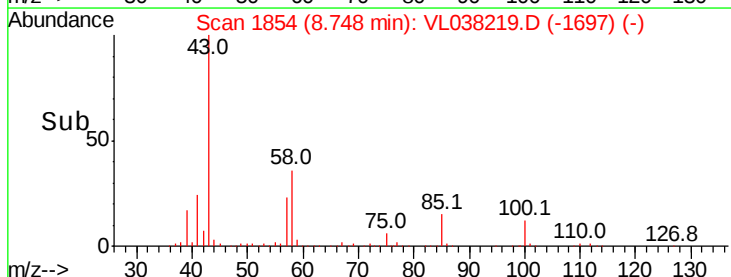
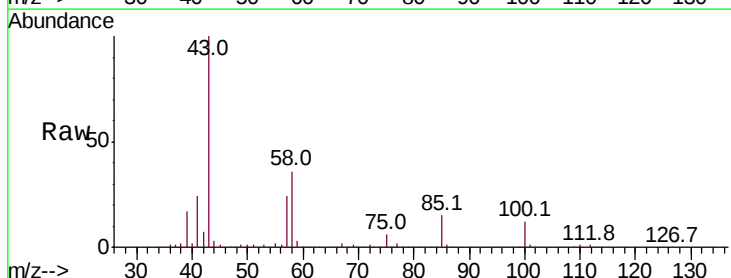
Acq: 21 Dec 2021 17:47

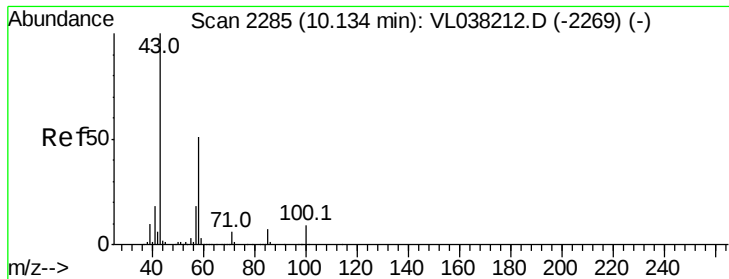
Tgt Ion: 43 Resp: 1221507

Ion Ratio Lower Upper

43 100

58 37.2 29.4 44.2



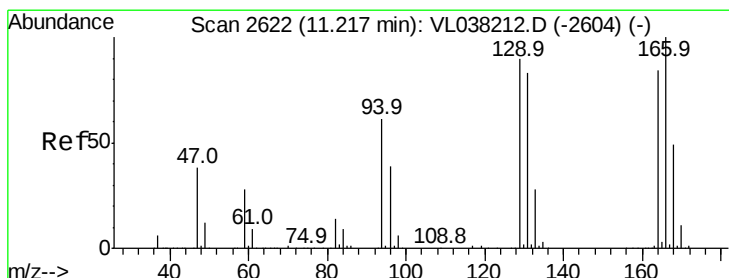
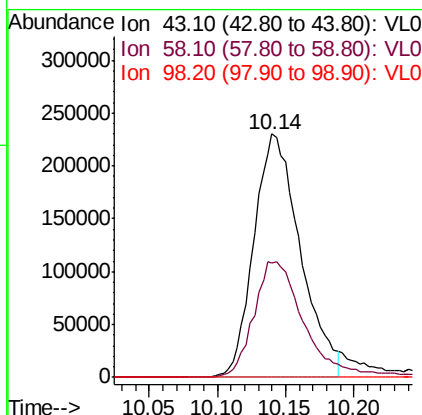
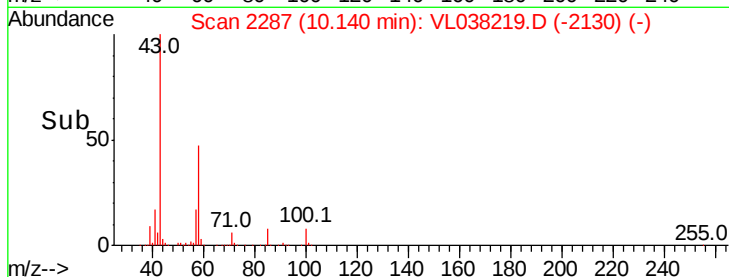
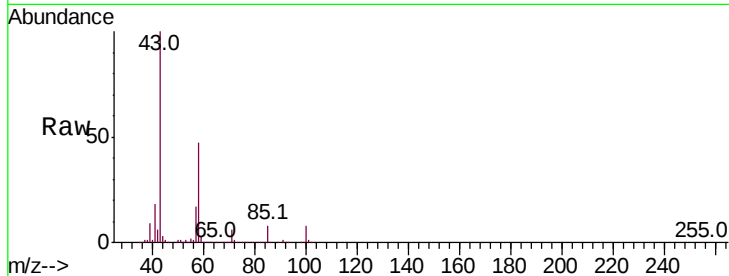


#51
2-Hexanone
Concen: 8.899 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VL038212.D
Acq: 21 Dec 2021 17:47

Tot Ion:
Ion Ratio
43 100
58 52.1
98 0.1

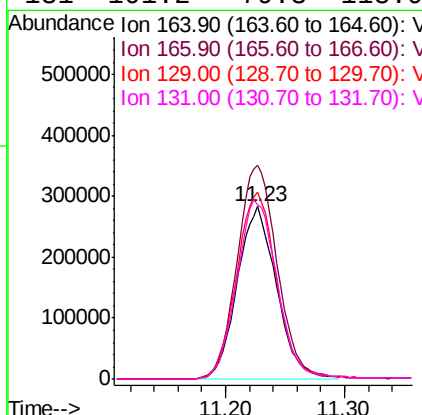
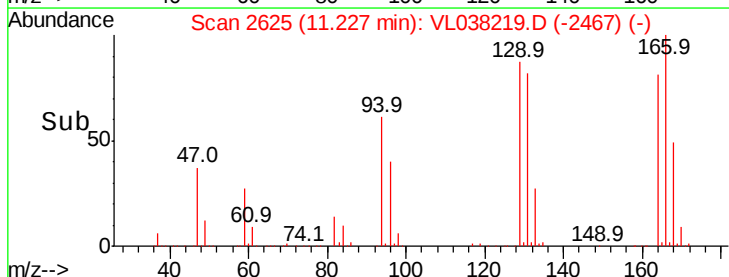
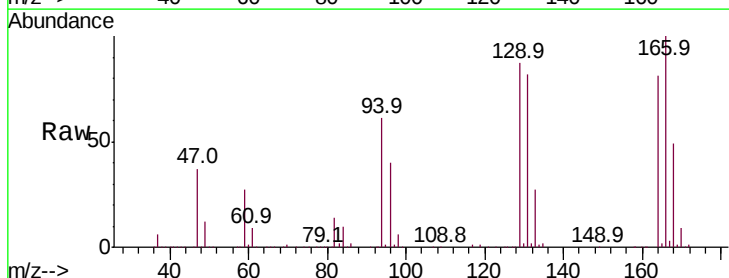
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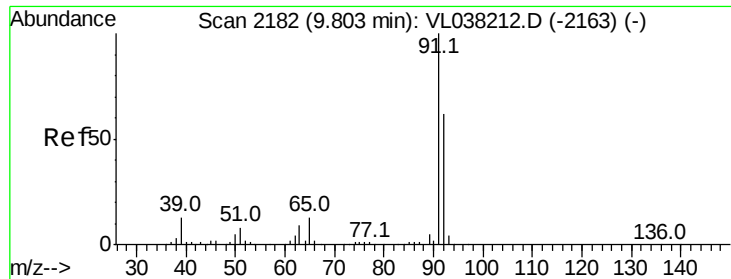
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#52
Tetrachloroethene
Concen: 8.007 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion:164 Resp: 644499
Ion Ratio Lower Upper
164 100
166 123.8 95.6 143.4
129 108.2 85.8 128.8
131 101.2 79.3 118.9





#53

Toluene

Concen: 8.714 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:

Ion Ratio

91 100

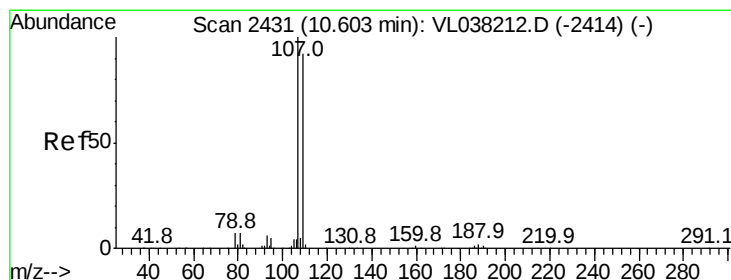
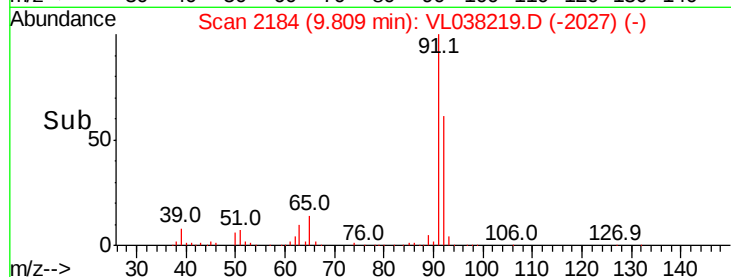
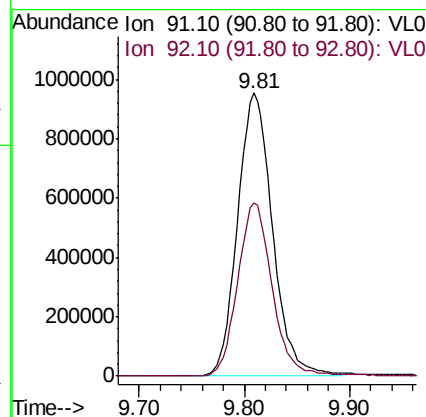
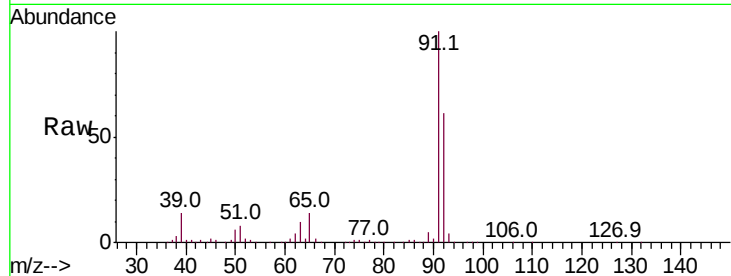
92 61.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#54

1,2-Dibromoethane

Concen: 8.942 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038219.D

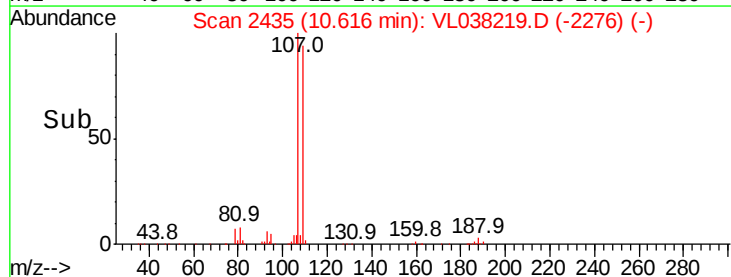
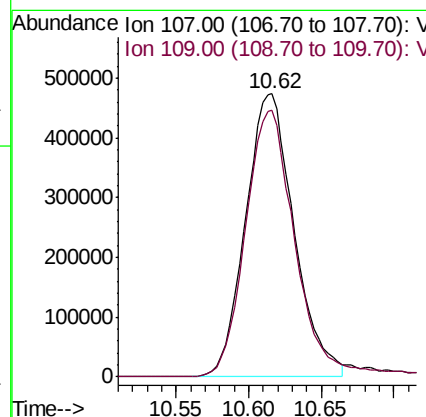
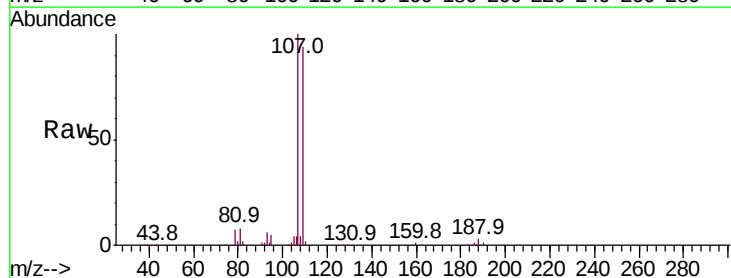
Acq: 21 Dec 2021 17:47

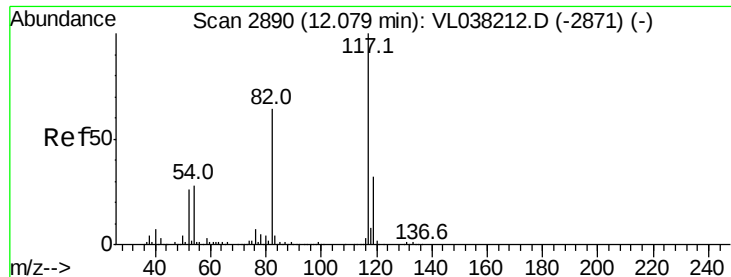
Tgt Ion:107 Resp: 1104988

Ion Ratio Lower Upper

107 100

109 94.3 73.3 109.9



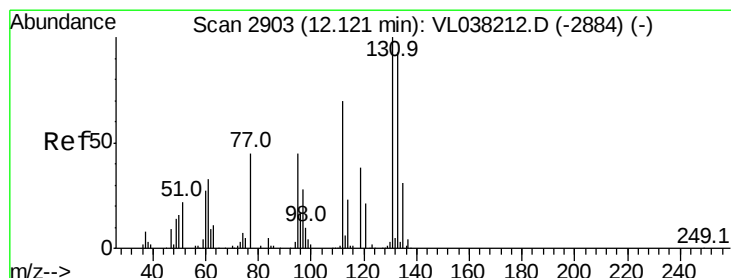
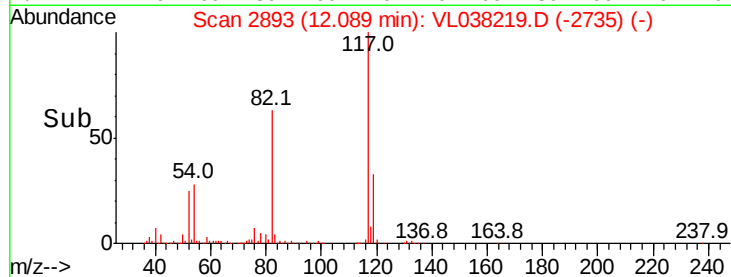
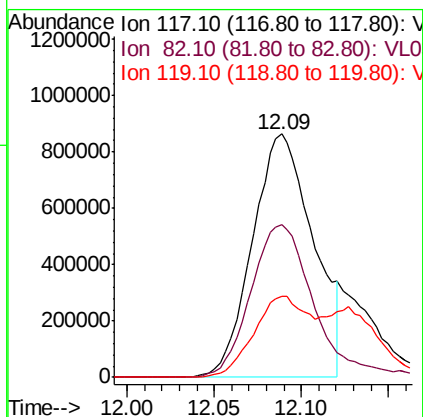
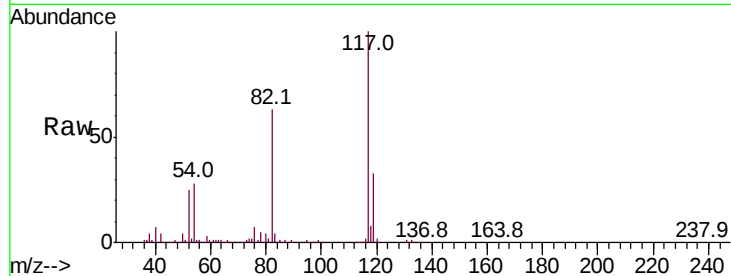


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion:1
Ion Rati
117 100
82 67.
119 58.

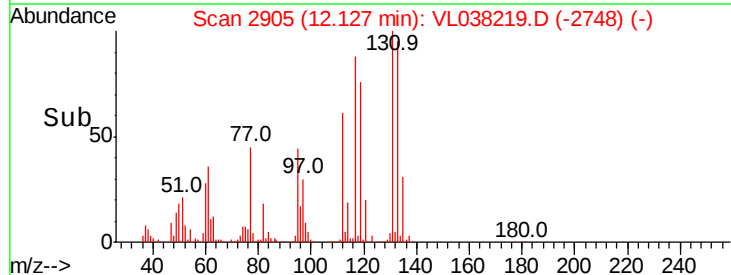
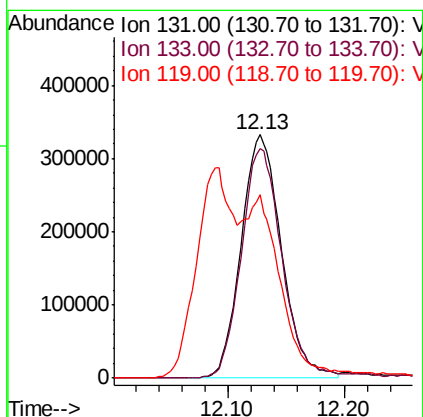
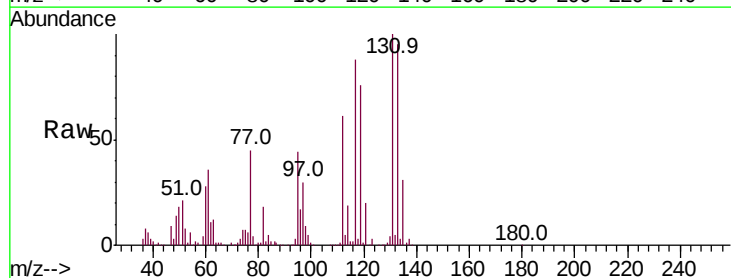
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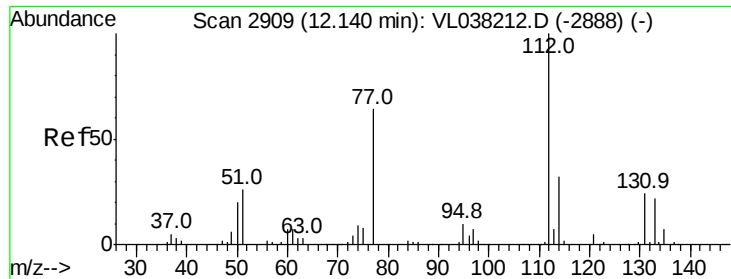
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.150 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion:131 Resp: 803290
Ion Ratio Lower Upper
131 100
133 96.6 77.6 116.4
119 153.5 124.8 187.2



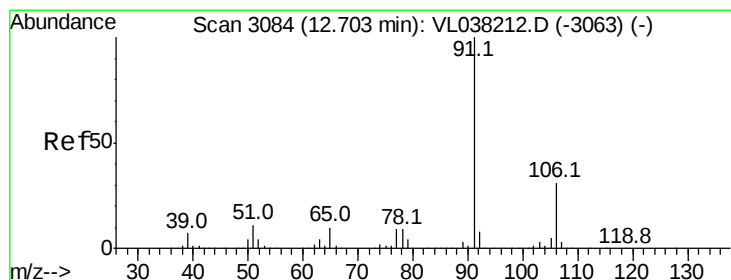
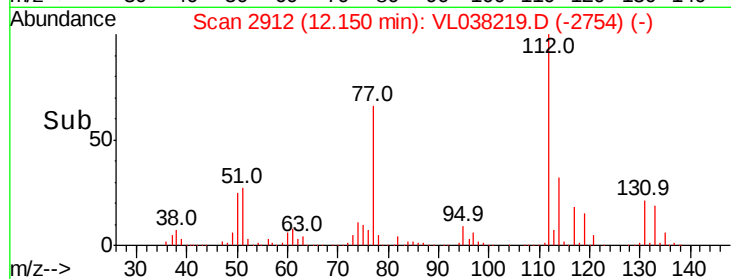
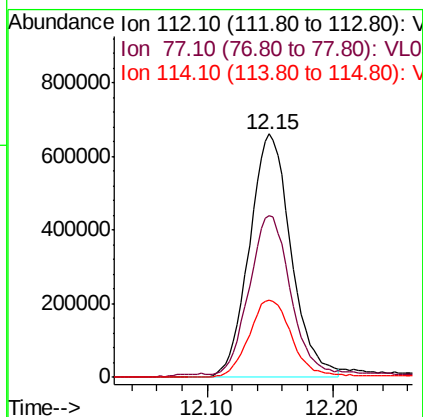
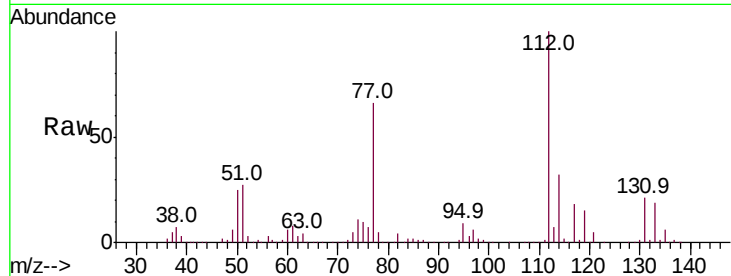


#57
Chlorobenzene
Concen: 8.362 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 31.

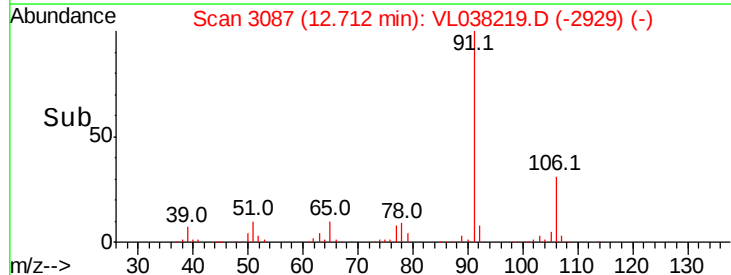
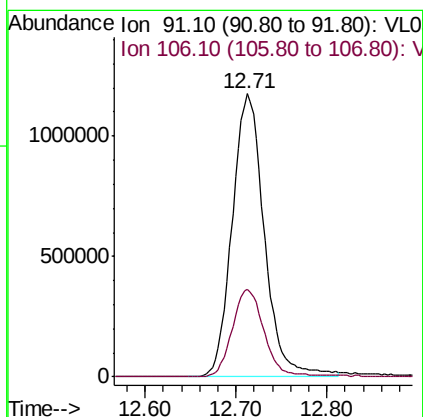
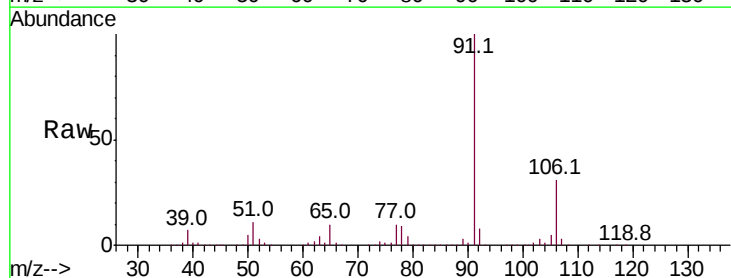
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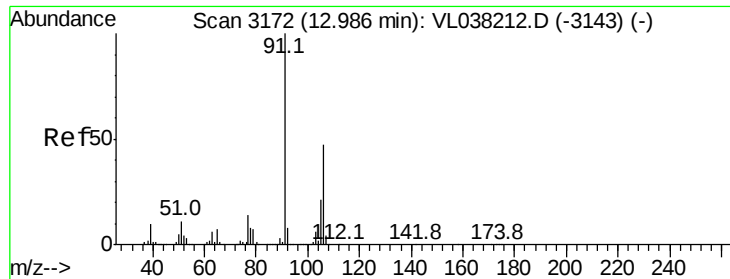
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#58
Ethyl Benzene
Concen: 8.821 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 91 Resp: 2889053
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



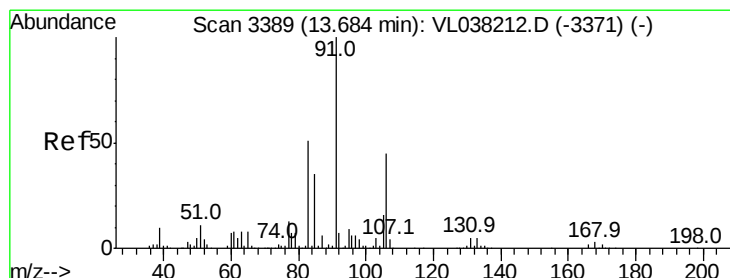
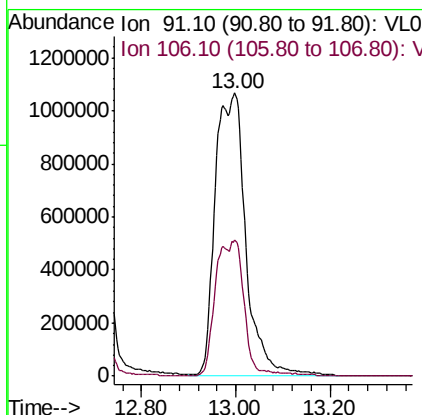
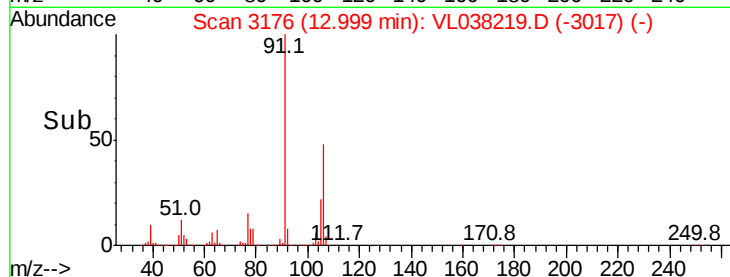
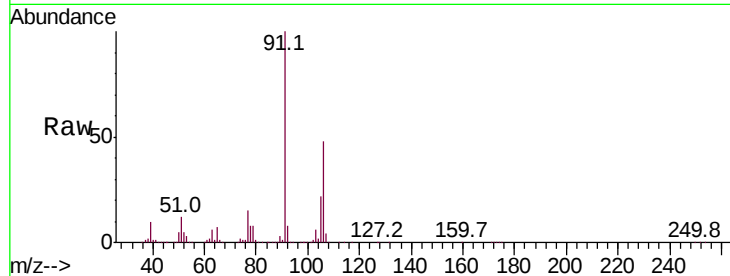


#59
m/p-Xylene
Concen: 17.226 ppbv m
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion:
Ion Ratio
91 100
106 45.

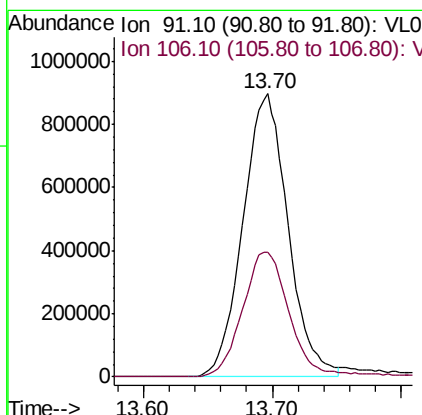
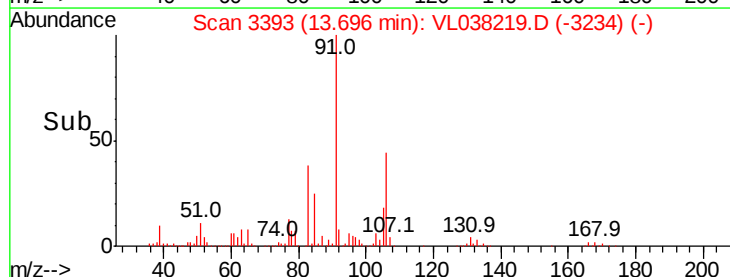
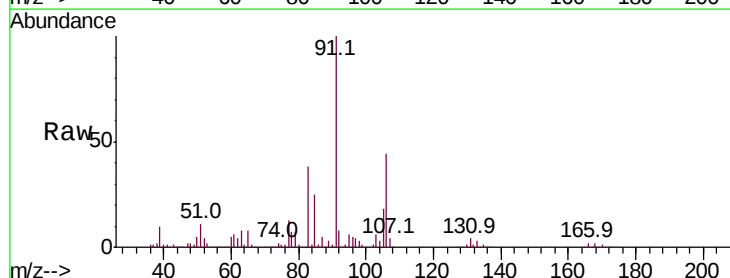
Manual Integrations
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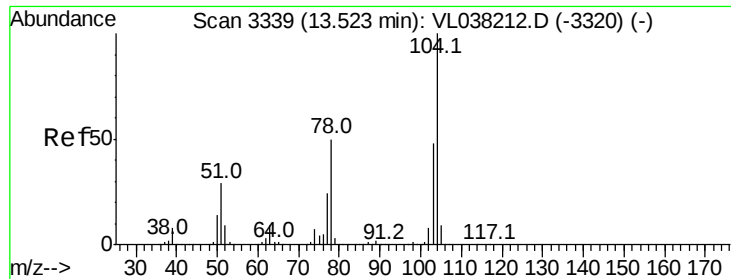
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#60
o-Xylene
Concen: 8.374 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 91 Resp: 2173861
Ion Ratio Lower Upper
91 100
106 47.0 23.5 70.5



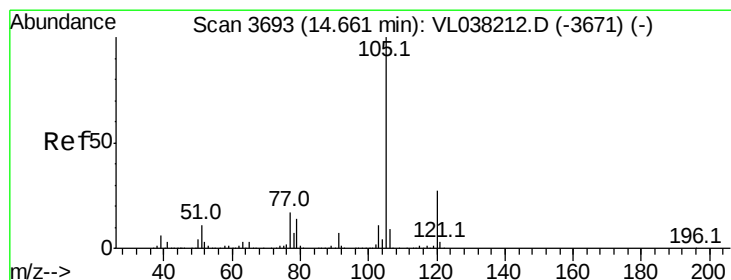
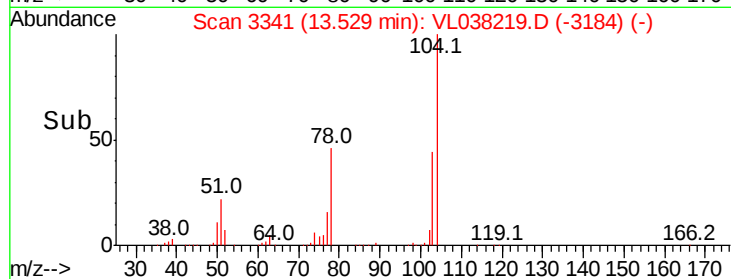
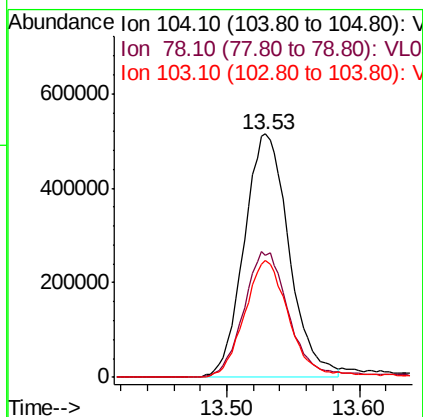
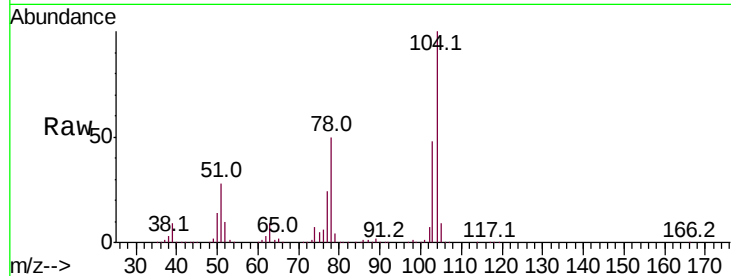


#61
Stvrene
Concen: 9.255 ppbv
RT: 13.53
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

Tot Ion:1
Ion Rati
104 100
78 52.
103 48.

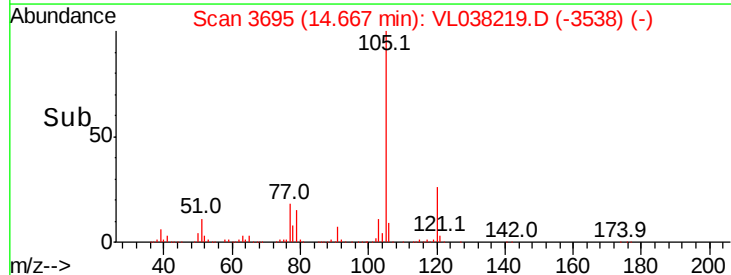
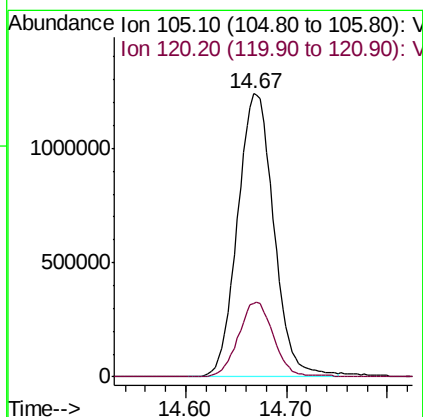
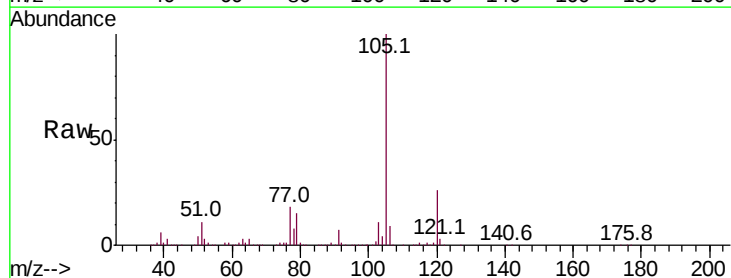
Manual Integrations
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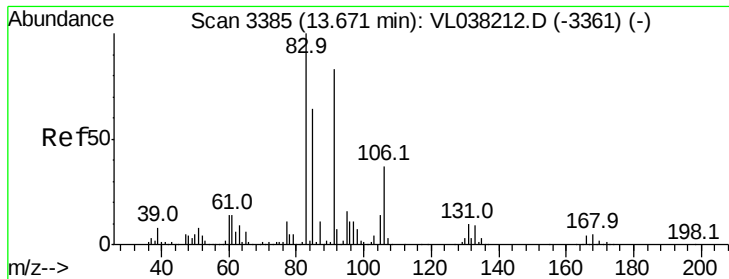
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#62
Isopropylbenzene
Concen: 8.469 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion:105 Resp: 3086852
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.847 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Manual Integrations

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Tot Ion:

Ion Ratio

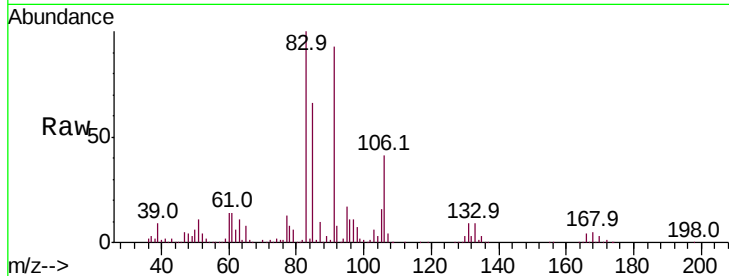
83 100

131 9.

85 66.

Reviewed By :Amit Patel 12/22/2021

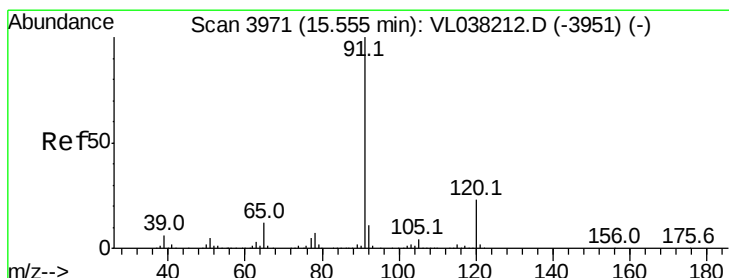
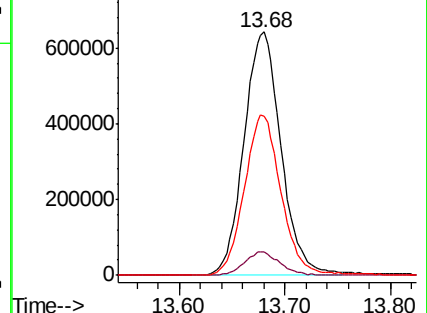
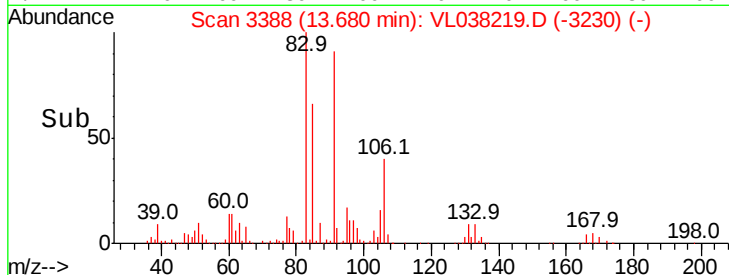
Supervised By :Mahesh Dadoda 12/29/2021



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.869 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.01 min

Lab File: VL038219.D

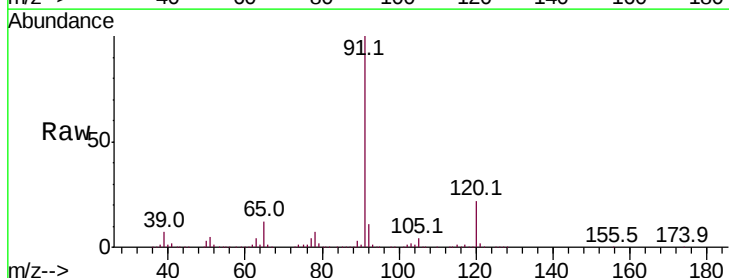
Acq: 21 Dec 2021 17:47

Tgt Ion:120 Resp: 803699

Ion Ratio Lower Upper

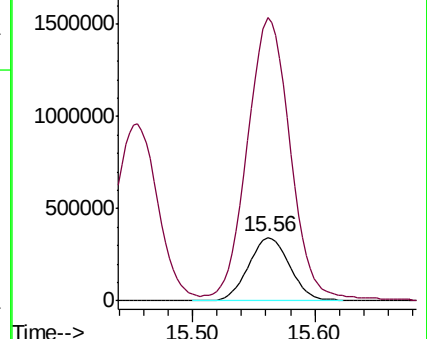
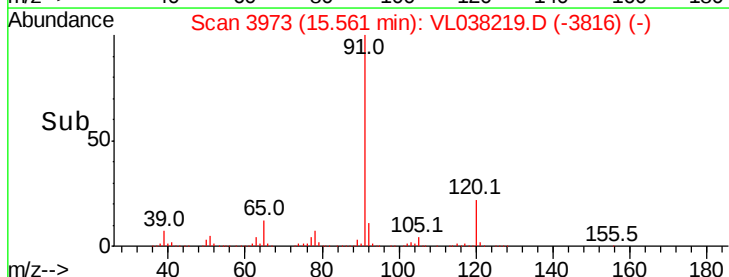
120 100

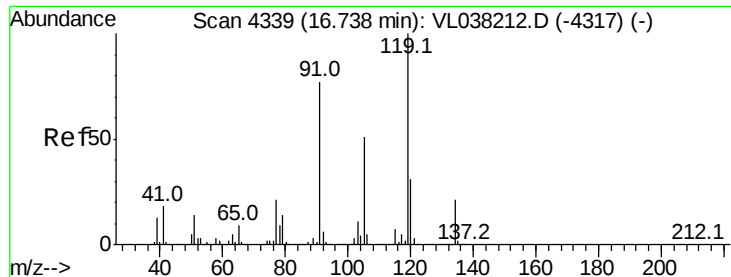
91 467.7 381.5 572.3



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0



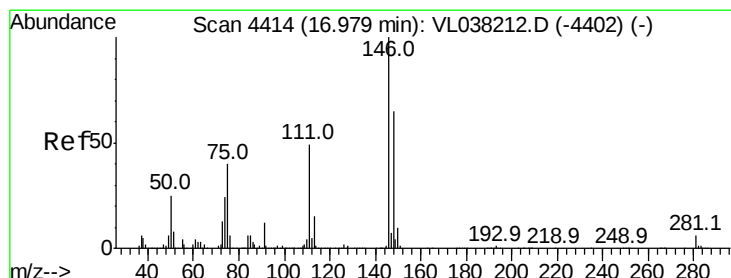
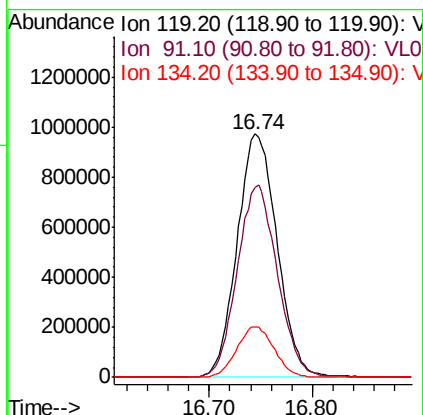
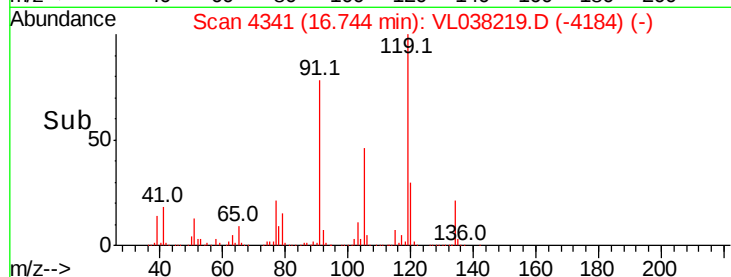
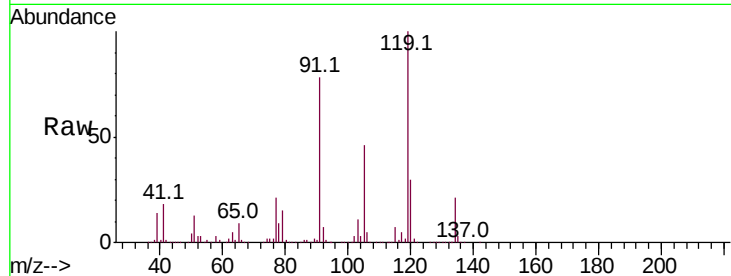


#65
tert-Butylbenzene
Concen: 8.177 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : ICVVL122121
Acq: 21 Dec 2021 17:47

Tot Ion: 1
Ion Ratio
119 100
91 79.1
134 19.1

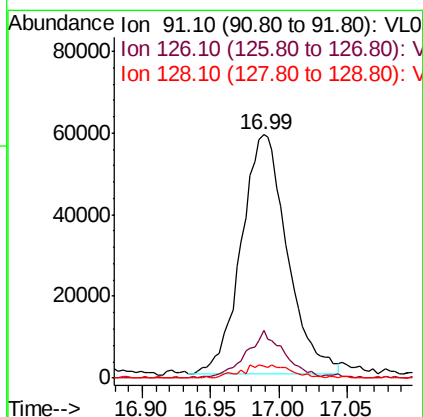
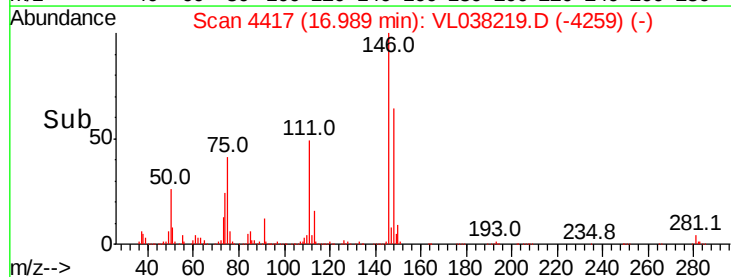
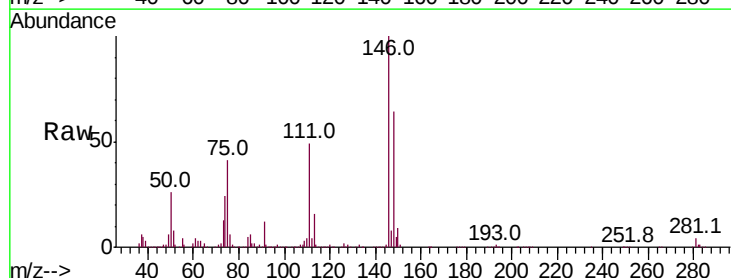
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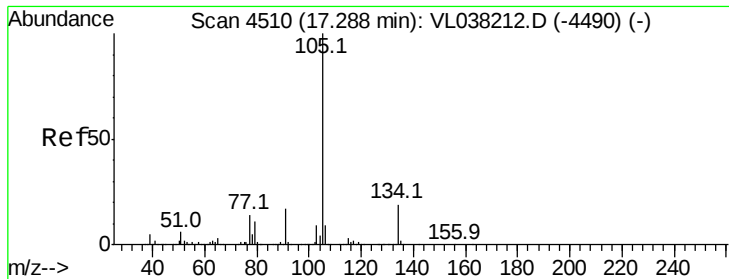
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



#66
Benzyl Chloride
Concen: 11.418 ppbv
RT: 16.99 min Scan# 4417
Delta R.T.: 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion: 91 Resp: 136530
Ion Ratio Lower Upper
91 100
126 17.5 16.0 24.0
128 6.3 5.0 7.6





#67

sec-Butylbenzene

Concen: 8.392 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:1

Ion Rati

105 100

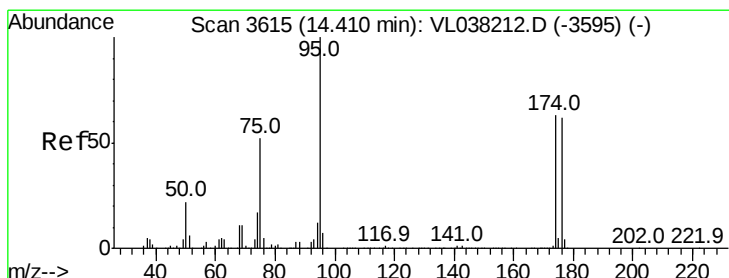
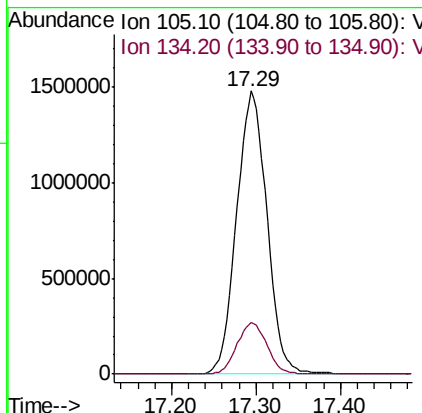
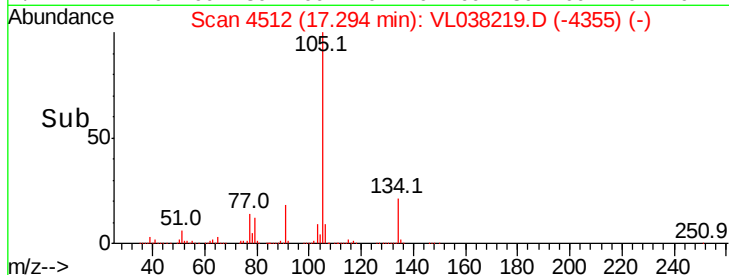
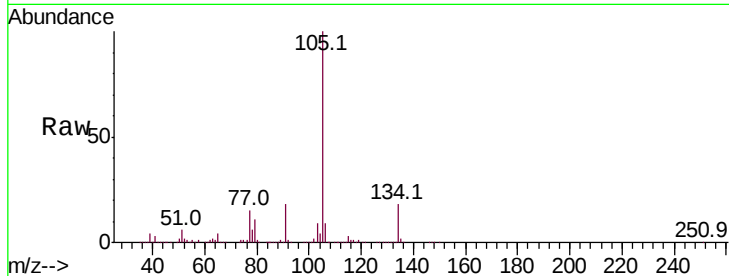
134 18.

Manual Integrations

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.267 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

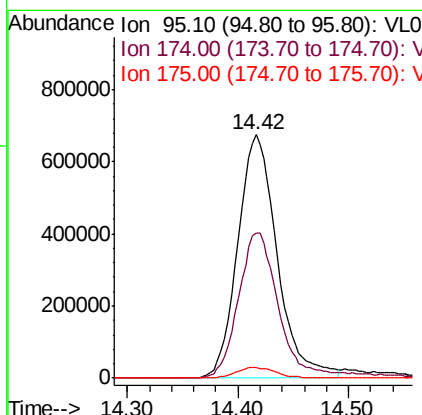
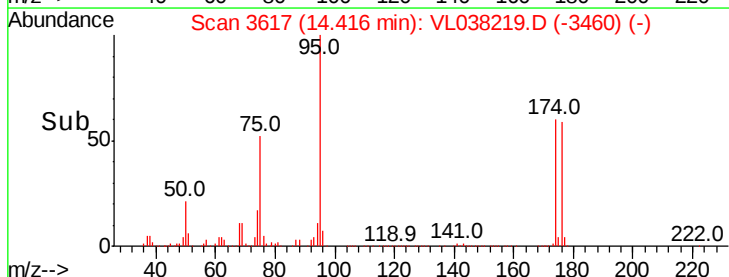
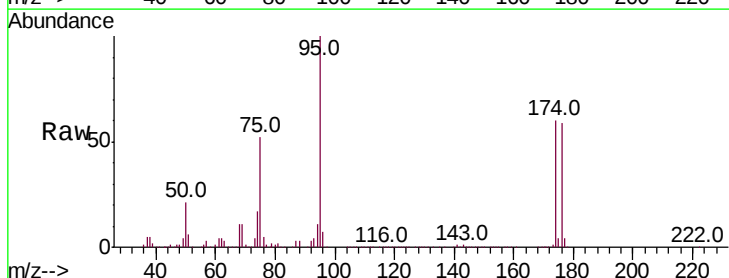
Tgt Ion: 95 Resp: 1669892

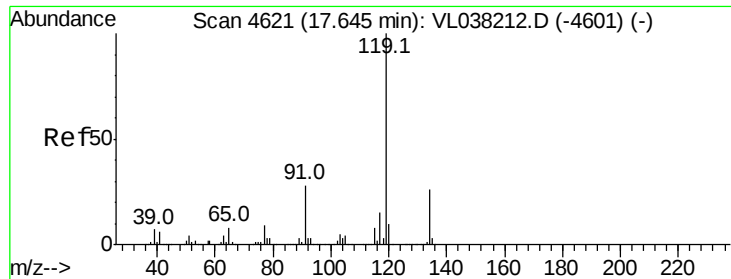
Ion Ratio Lower Upper

95 100

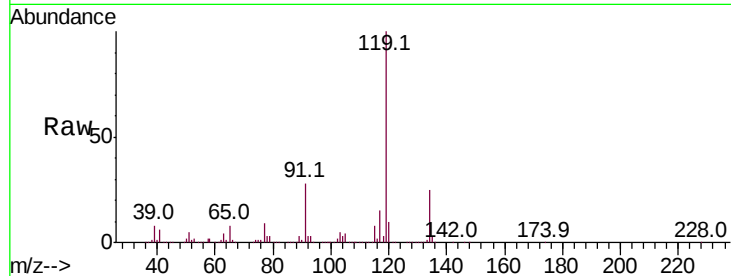
174 63.2 54.6 81.8

175 4.5 4.1 6.1





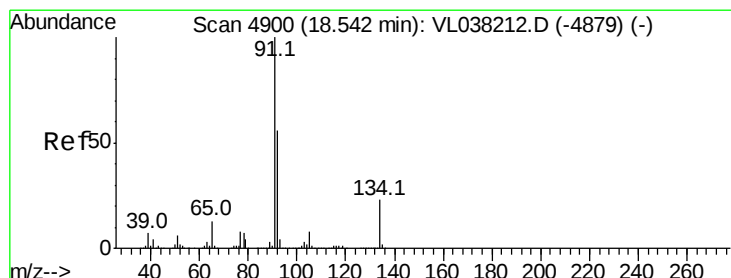
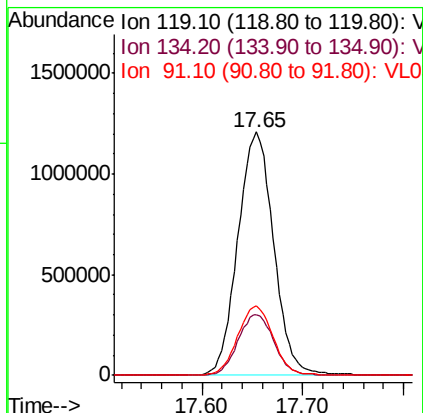
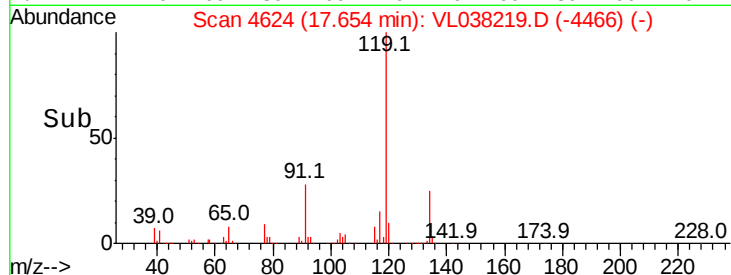
#69
 p-Isopropyltoluene
 Concen: 8.363 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 21 Dec 2021 17:47



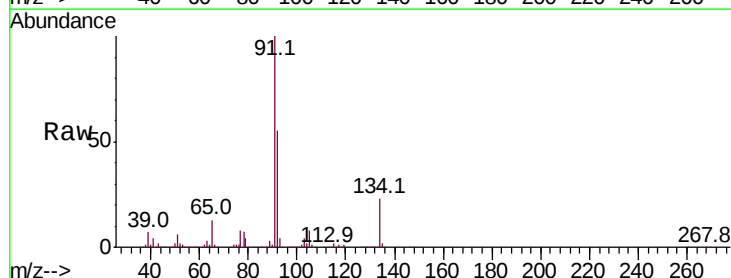
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 28.

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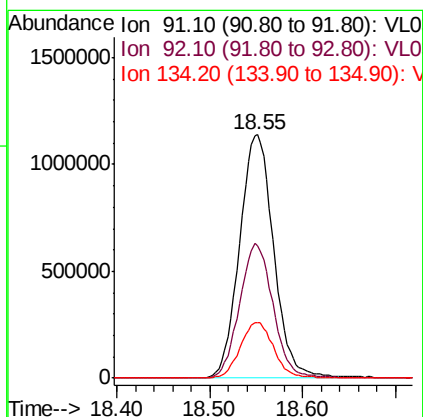
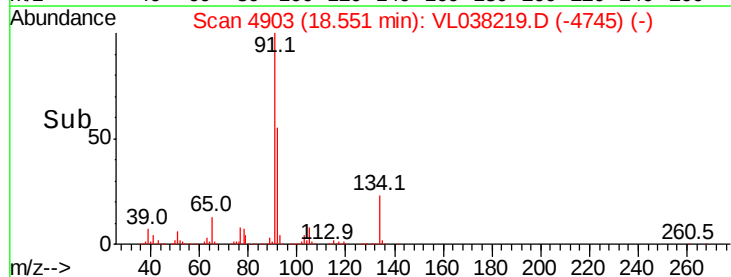
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021

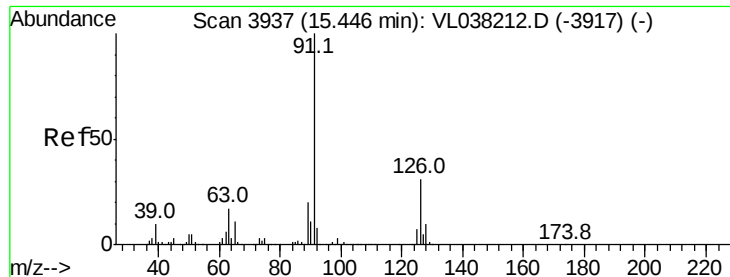


#70
 n-Butylbenzene
 Concen: 8.605 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47



Tgt Ion: 91 Resp: 2900632
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.0 66.0
 134 22.6 18.5 27.7



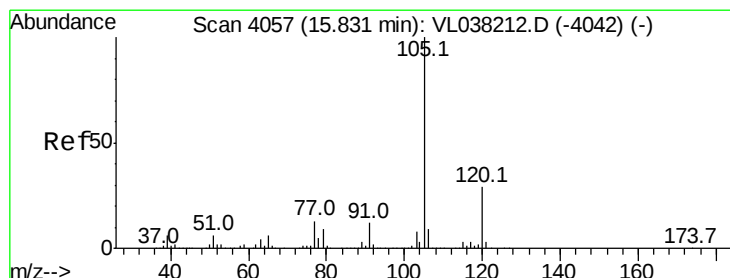
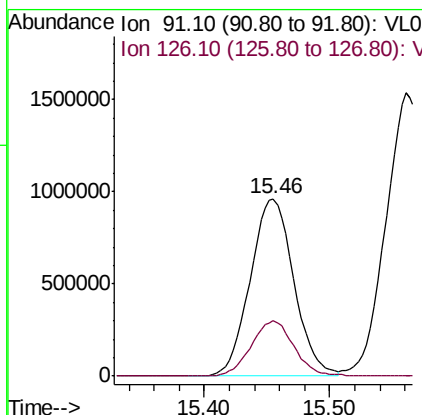
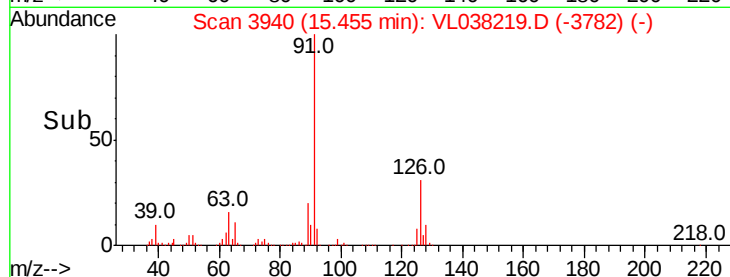
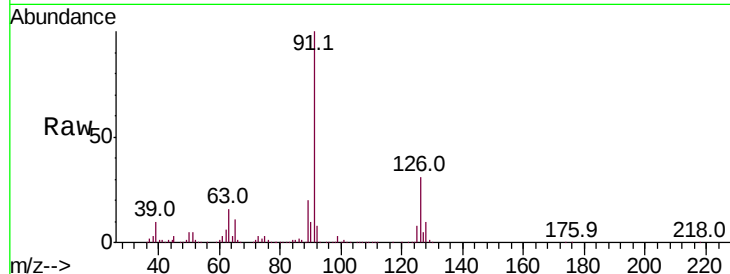


#71
 2-Chlorotoluene
 Concen: 8.588 ppbv
 RT: 15.46
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Dec 2021 17:47

Tot Ion:
 Ion Ratio
 91 100
 126 31.

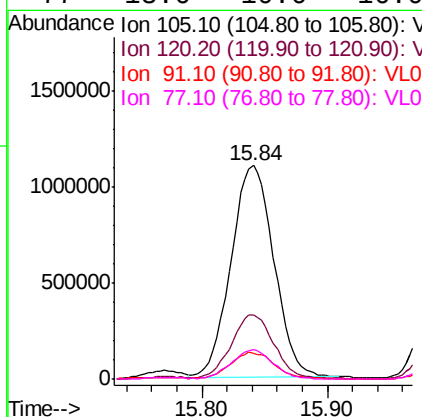
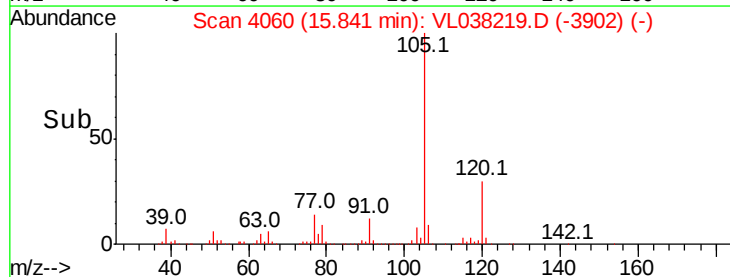
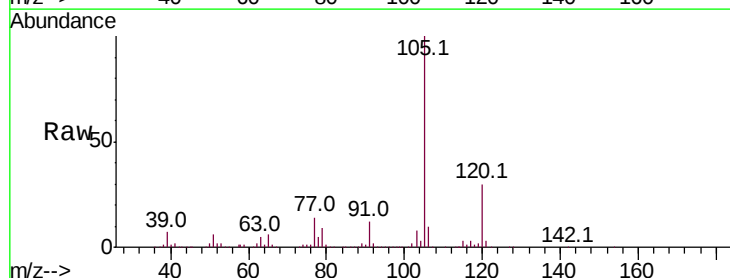
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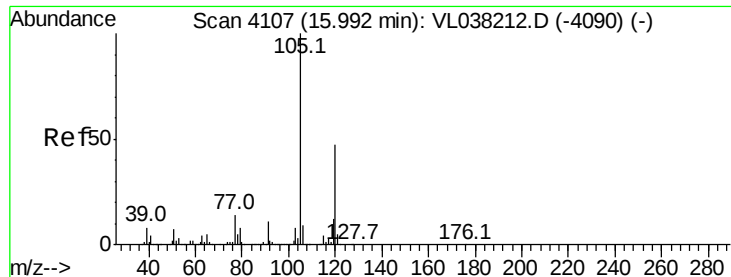
Reviewed By :Amit Patel 12/22/2021
 Supervised By :Mahesh Dadoda 12/29/2021



#72
 4-Ethyltoluene
 Concen: 8.802 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion:105 Resp: 2631593
 Ion Ratio Lower Upper
 105 100
 120 30.5 24.3 36.5
 91 12.6 9.8 14.6
 77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.785 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:1

Ion Rati

105 100

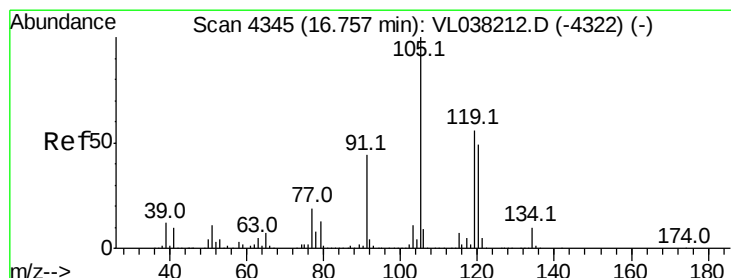
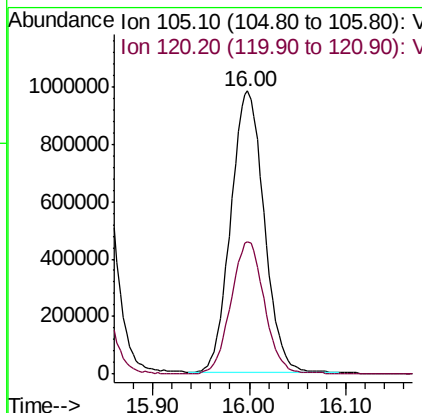
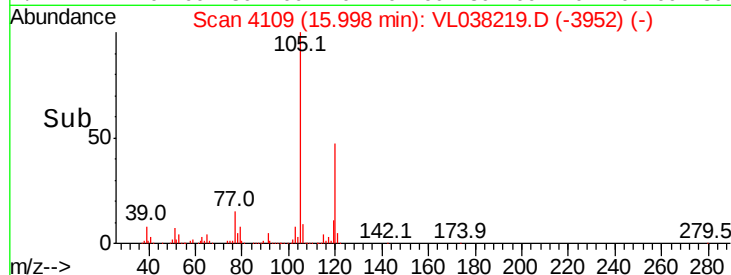
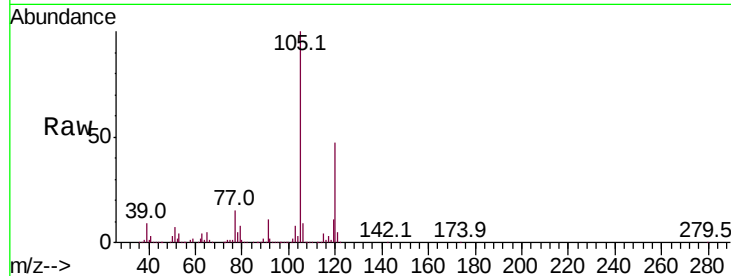
120 46.

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Reviewed By :Amit Patel 12/22/2021

Supervised By :Mahesh Dadoda 12/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.509 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

Tgt Ion:105 Resp: 2390974

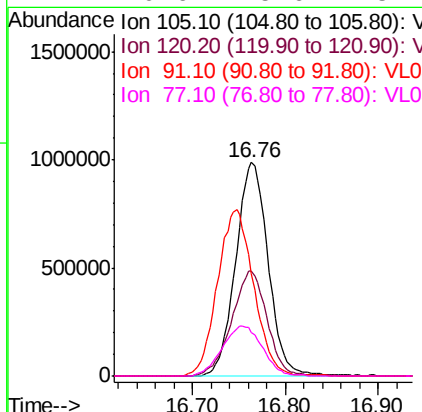
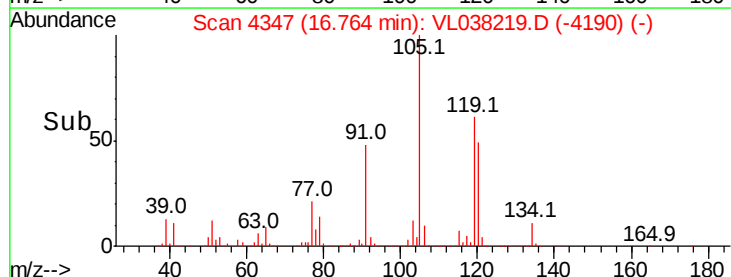
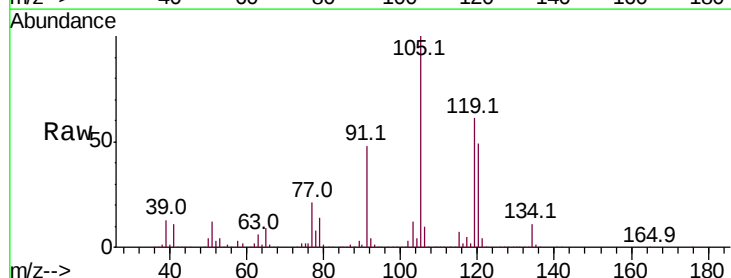
Ion Ratio Lower Upper

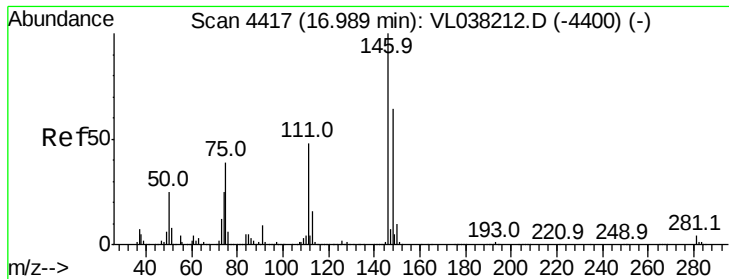
105 100

120 48.9 39.4 59.2

91 47.7 35.0 52.4

77 20.6 15.6 23.4



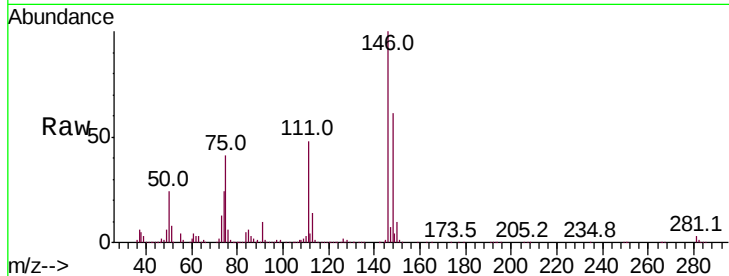


#75
 1,3-Dichlorobenzene
 Concen: 8.819 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 21 Dec 2021 17:47

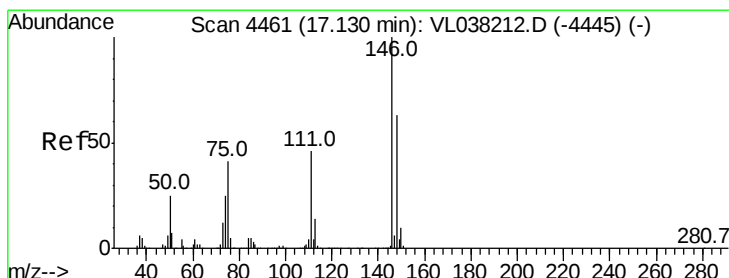
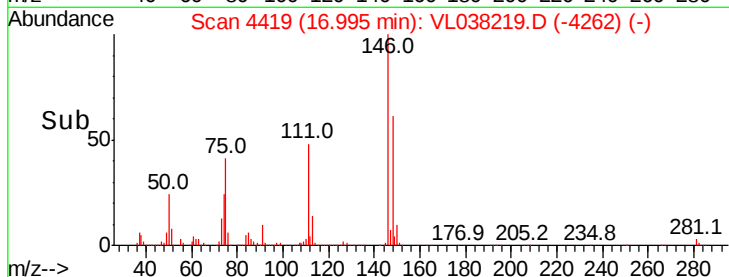
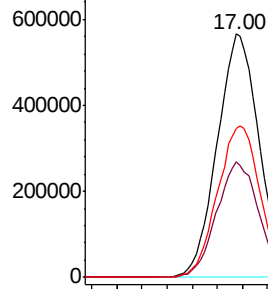
Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

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

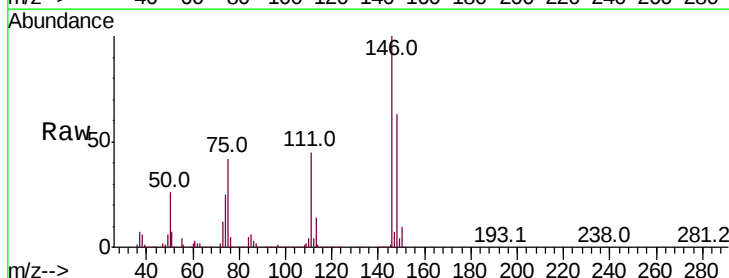


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

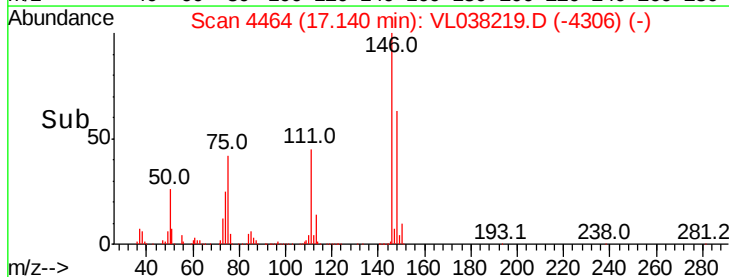
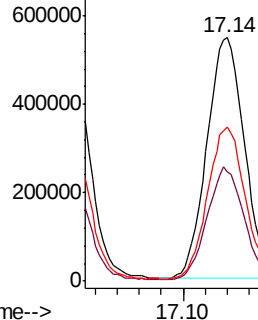


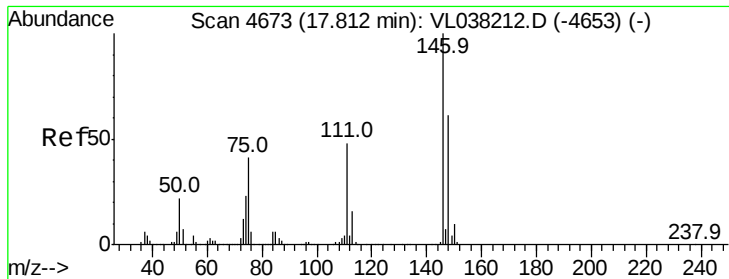
#76
 1,4-Dichlorobenzene
 Concen: 8.652 ppbv
 RT: 17.14 min Scan# 4464
 Delta R.T. 0.01 min
 Lab File: VL038219.D
 Acq: 21 Dec 2021 17:47

Tgt Ion:146 Resp: 1303041
 Ion Ratio Lower Upper
 146 100
 111 47.4 23.6 71.0
 148 65.8 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: 8.525 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 21 Dec 2021 17:47

Tot Ion:1

Ion Rati

146 100

111 50.

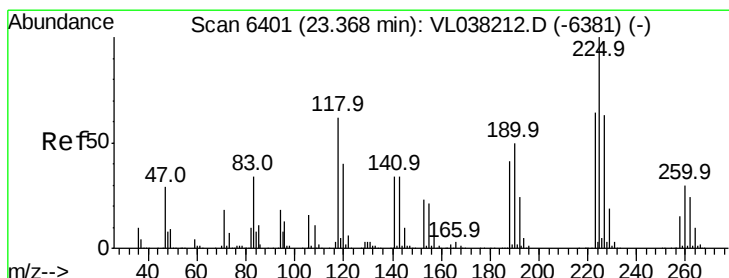
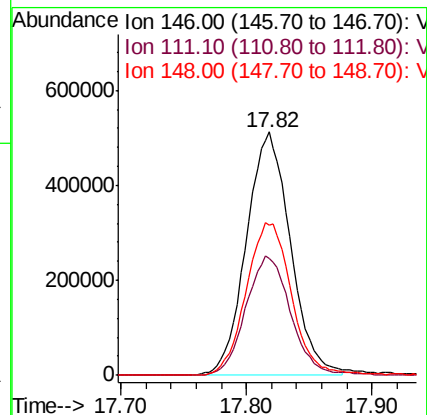
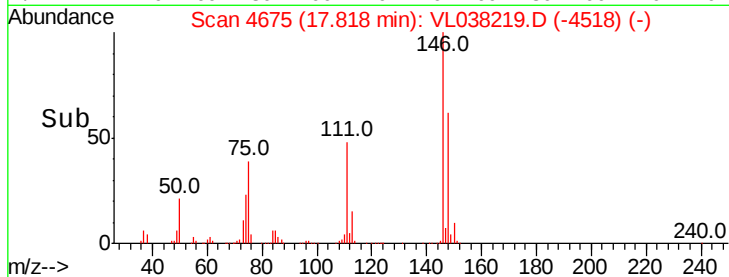
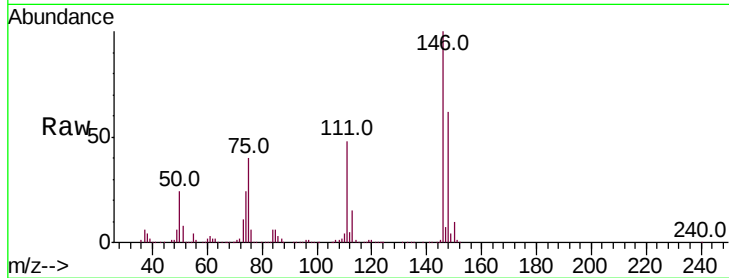
148 65.

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: 7.875 ppbv

RT: 23.38 min Scan# 6404

Delta R.T. 0.01 min

Lab File: VL038219.D

Acq: 21 Dec 2021 17:47

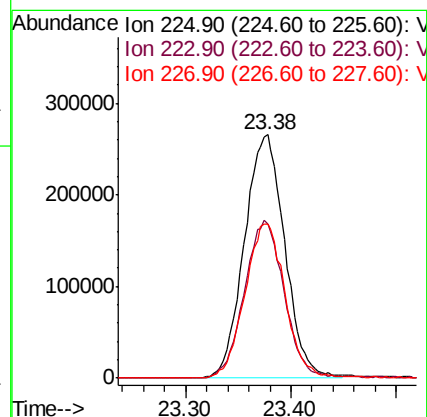
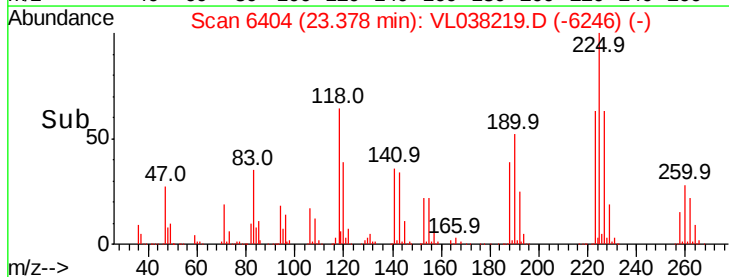
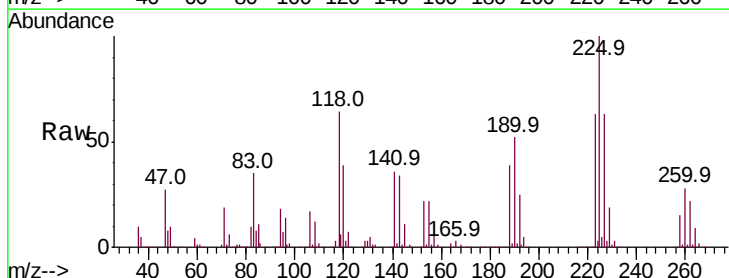
Tgt Ion:225 Resp: 706221

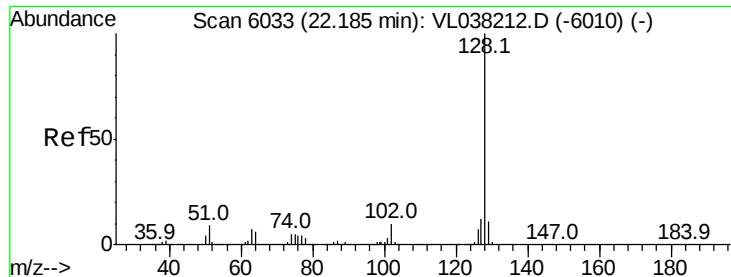
Ion Ratio Lower Upper

225 100

223 64.4 51.5 77.3

227 63.4 51.9 77.9



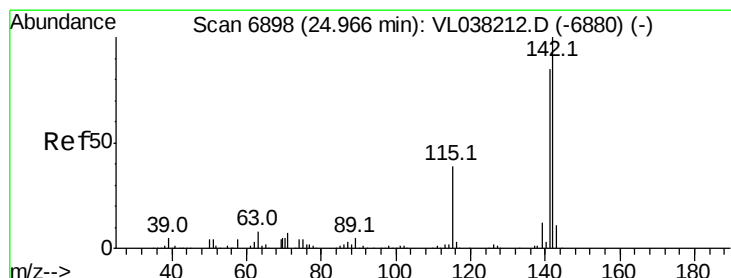
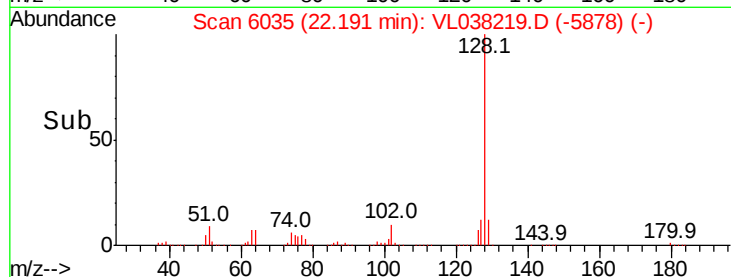
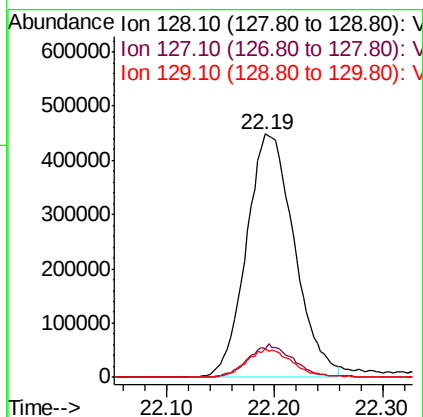
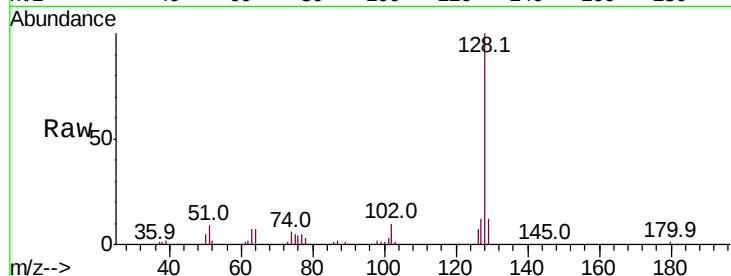


#79
Naphthalene
Concen: 9.518 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 21 Dec 2021 17:47

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

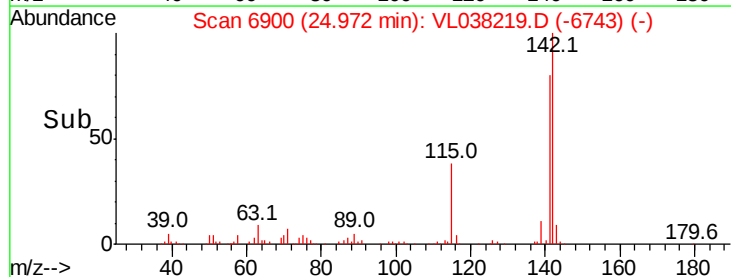
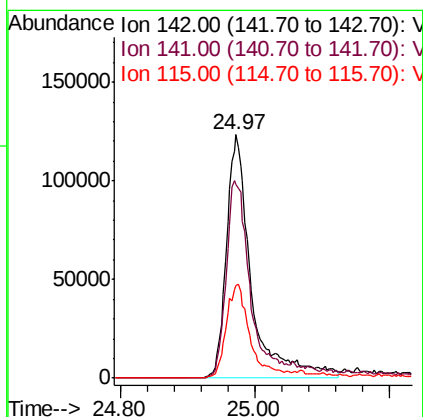
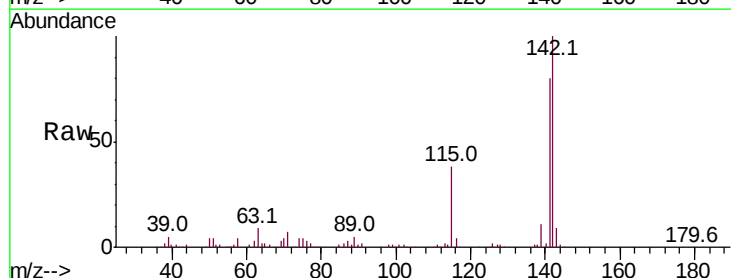
Manual Integrations
APPROVED

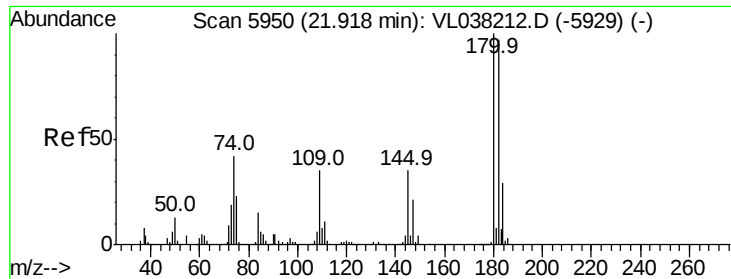
Reviewed By :Amit Patel 12/22/2021
Supervised By :Mahesh Dadoda 12/29/2021



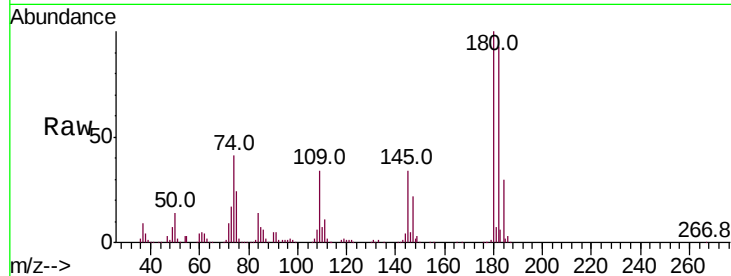
#80
Naphthalene, 2-methyl-
Concen: 11.105 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038219.D
Acq: 21 Dec 2021 17:47

Tgt Ion:142 Resp: 319838
Ion Ratio Lower Upper
142 100
141 84.6 66.7 100.1
115 40.7 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 8.765 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 ICVVL122121
 Acq: 21 Dec 2021 17:47



Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
 APPROVED

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

