

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038186.D
 Acq On : 16 Dec 2021 12:35
 Operator : SY/AP
 Sample : VL1216ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1216ABS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 07:00:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1075087	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2864615	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2712658m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2142116	10.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1525541	8.591 ppbv	98
3) Chlorodifluoromethane	2.99	51	1929621	8.547 ppbv	98
4) Chloromethane	3.14	50	655601	8.530 ppbv	99
5) Vinyl Chloride	3.26	62	650221	8.624 ppbv	100
6) Bromomethane	3.48	94	361504	8.950 ppbv	95
7) Chloroethane	3.56	64	227559	8.504 ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1549396	8.771 ppbv	93
9) Propene	3.02	41	651347	7.834 ppbv	97
10) Heptane	8.12	43	1654128	8.049 ppbv	99
11) Trichlorofluoromethane	3.95	101	1515113	8.971 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1078283	9.026 ppbv	97
13) Ethanol	3.61	45	63544m	7.908 ppbv	
14) Bromoethene	3.74	108	461854	8.633 ppbv	98
15) Acetone	3.85	43	804810	8.634 ppbv	98
16) 1,3-Butadiene	3.33	39	640461	8.807 ppbv	94
17) tert-Butyl alcohol	4.29	59	925478	8.185 ppbv	100
18) 1,1-Dichloroethene	4.29	96	481061	8.778 ppbv	95
19) Isopropyl Alcohol	3.96	45	522446	7.757 ppbv #	97
20) Methylene Chloride	4.34	84	409847	7.850 ppbv	97
21) Allyl Chloride	4.41	41	710956	8.240 ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	510726	9.200 ppbv	97
23) Vinyl Acetate	5.07	43	1148994	8.515 ppbv	99
24) 1,1-Dichloroethane	5.01	63	978304	8.707 ppbv	99
25) Ethyl Acetate	5.67	43	2575415	8.313 ppbv	99
26) Hexane	5.68	57	1179394	7.899 ppbv	98
27) Carbon Disulfide	4.55	76	1197865	8.956 ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1040881	8.206 ppbv	100
29) Chloroform	5.75	83	1895601	8.614 ppbv	100
30) Cyclohexane	7.13	84	992183	7.319 ppbv	91
31) cis-1,2-Dichloroethene	5.55	61	1196363	8.423 ppbv	93
32) 1,1,1-Trichloroethane	6.51	97	1844535	8.259 ppbv	97
34) 2-Butanone	5.24	43	1132846	9.807 ppbv	96
35) Carbon Tetrachloride	7.02	117	1907595	9.478 ppbv	99
36) Benzene	6.89	78	2488344	8.708 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1438867	10.426 ppbv	96
38) Trichloroethene	7.83	130	888447	8.243 ppbv	96
39) 1,2-Dichloropropane	7.61	63	985034	8.986 ppbv	95
40) 1,4-Dioxane	7.83	88	230331	8.065 ppbv #	1
41) Tetrahydrofuran	6.05	42	645636	9.004 ppbv	96
42) Bromodichloromethane	7.79	83	2098180	10.000 ppbv	99
43) Methyl Methacrylate	8.01	69	943792	9.654 ppbv	94

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Manual Integrations
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Quant Time: Dec 17 07:00:06 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4132222	8.643	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	849168	10.829	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	1063395	10.026	ppbv	95
47) 1,1,2-Trichloroethane	9.47	97	995261	8.670	ppbv	94
48) Dibromochloromethane	10.30	129	1695373	9.697	ppbv	100
49) Bromoform	13.03	173	1285442	10.278	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1781956	10.158	ppbv	97
51) 2-Hexanone	10.13	43	849695	10.296	ppbv #	95
52) Tetrachloroethene	11.22	164	815914	7.717	ppbv	99
53) Toluene	9.80	91	2820200	8.578	ppbv	98
54) 1,2-Dibromoethane	10.61	107	1478289	9.116	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1093914	8.883	ppbv	96
57) Chlorobenzene	12.14	112	2000953	8.230	ppbv	93
58) Ethyl Benzene	12.71	91	3793840	8.462	ppbv	98
59) m/p-Xylene	12.99	91	6296348m	16.683	ppbv	
60) o-Xylene	13.69	91	2956098	8.443	ppbv	94
61) Styrene	13.53	104	1609033	8.572	ppbv	96
62) Isopropylbenzene	14.66	105	3967478	7.983	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2185980	8.406	ppbv	99
64) n-propylbenzene	15.56	120	1032575	8.156	ppbv	91
65) tert-Butylbenzene	16.74	119	3460957	7.904	ppbv	95
66) Benzyl Chloride	16.99	91	204432	9.212	ppbv #	94
67) sec-Butylbenzene	17.29	105	4895938	8.025	ppbv	100
69) p-Isopropyltoluene	17.65	119	3999632	8.381	ppbv	98
70) n-Butylbenzene	18.55	91	4189767	9.182	ppbv	98
71) 2-Chlorotoluene	15.45	91	3115957	8.575	ppbv	96
72) 4-Ethyltoluene	15.83	105	3438352	8.470	ppbv	97
73) 1,3,5-Trimethylbenzene	16.00	105	3074699	8.293	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	3234508	8.466	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	1802228	8.588	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	1740311	8.241	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	1768902	8.706	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1051433	8.288	ppbv	99
79) Naphthalene	22.18	128	2041288	10.145	ppbv	100
80) Naphthalene,2-methyl-	24.97	142	435829m	10.107	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	1115510	9.648	ppbv	98

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

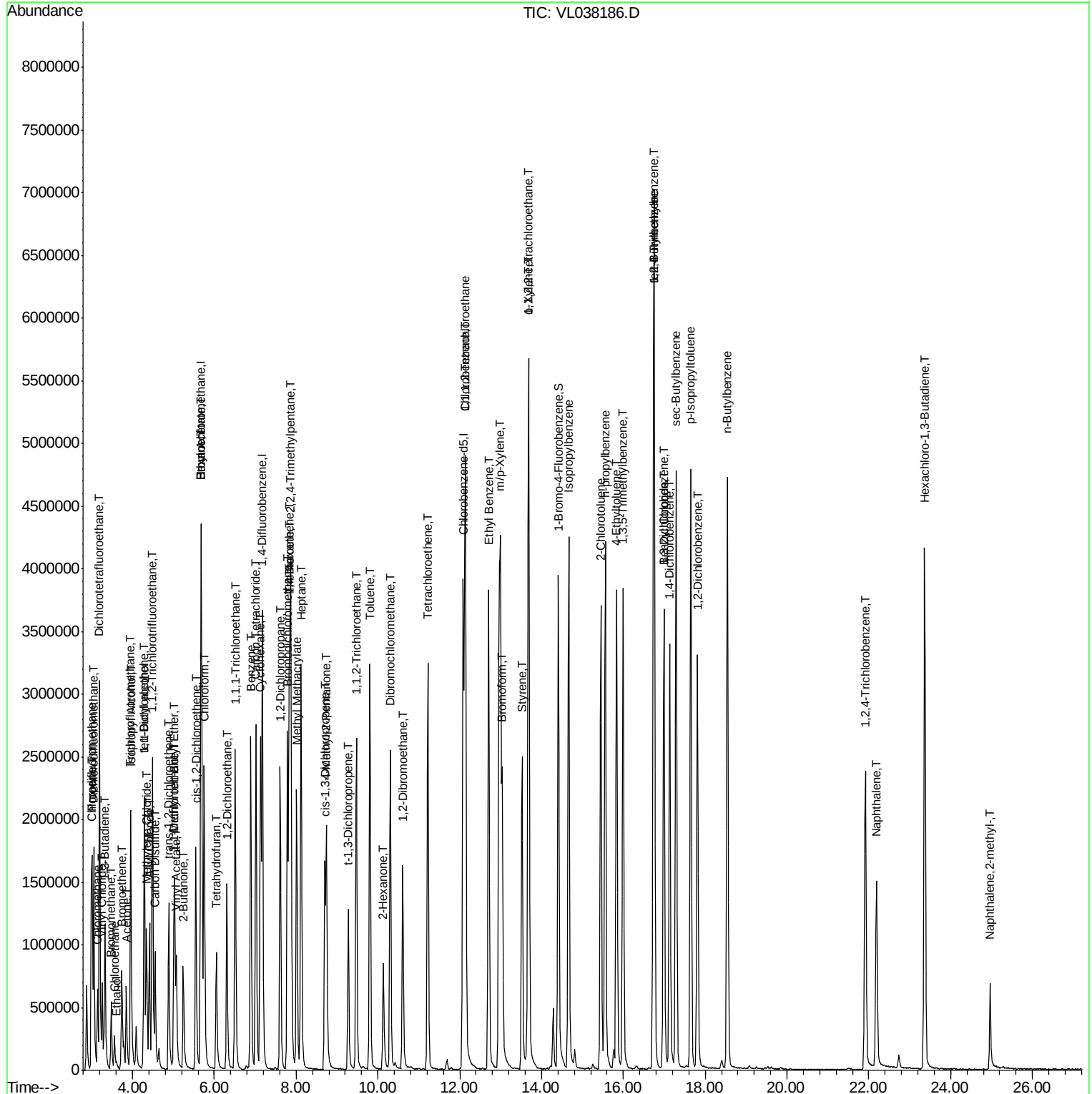
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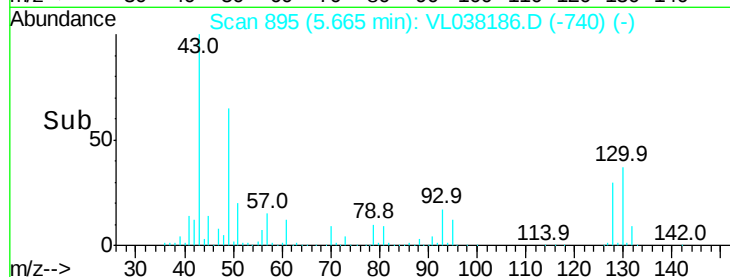
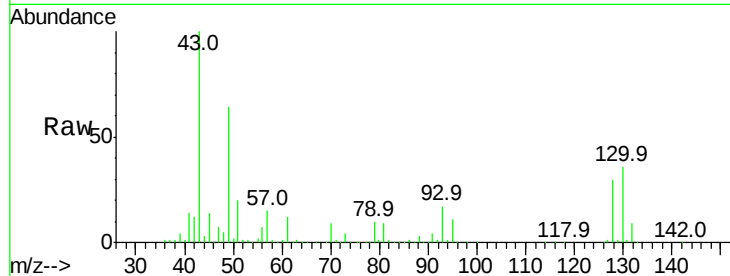
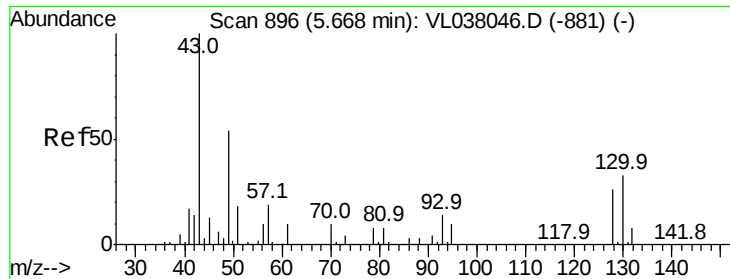
Instrument :
MSVOA_L
ClientSampleId :
VL1216ABS01

Manual Integrations
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Quant Time: Dec 17 07:00:06 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VL1216ABS01

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

49 100

128 48.

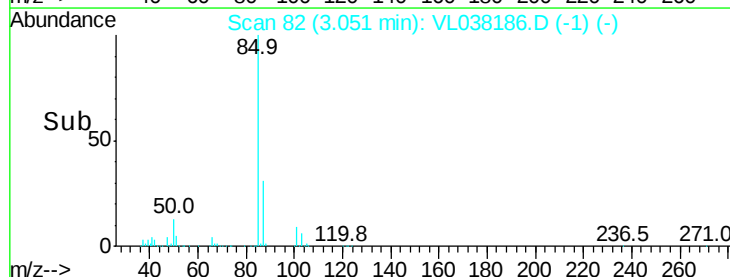
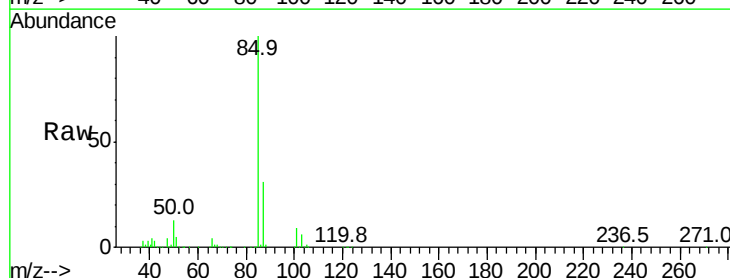
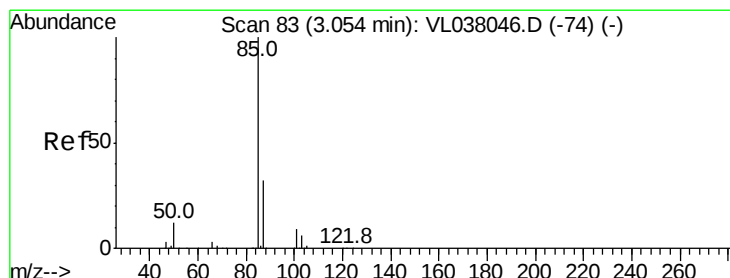
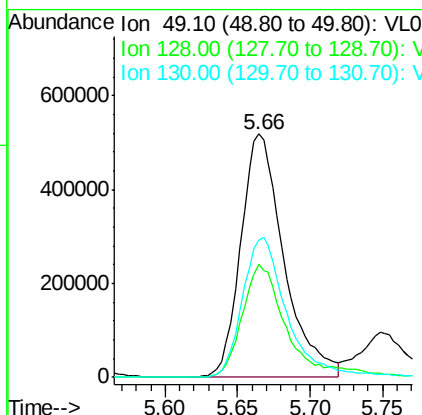
130 59.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#2

Dichlorodifluoromethane

Concen: 8.591 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038186.D

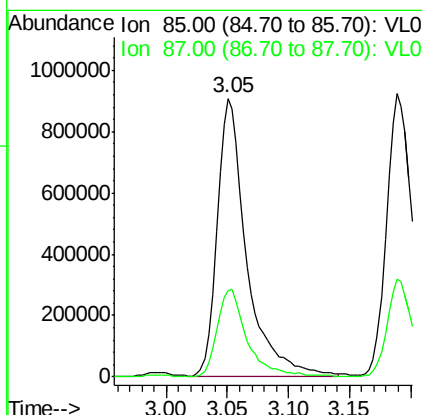
Acq: 16 Dec 2021 12:35

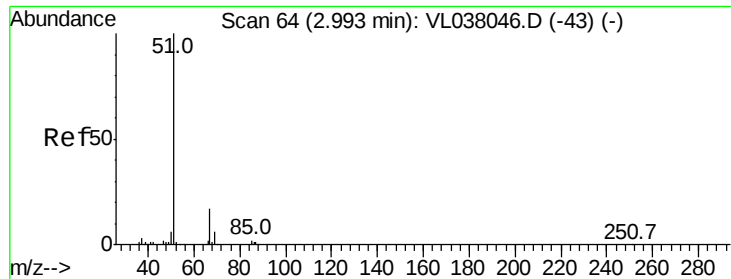
Tgt Ion: 85 Resp: 1525541

Ion Ratio Lower Upper

85 100

87 31.0 25.8 38.6





#3

Chlorodifluoromethane

Concen: 8.547 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL1216ABS01

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

51 100

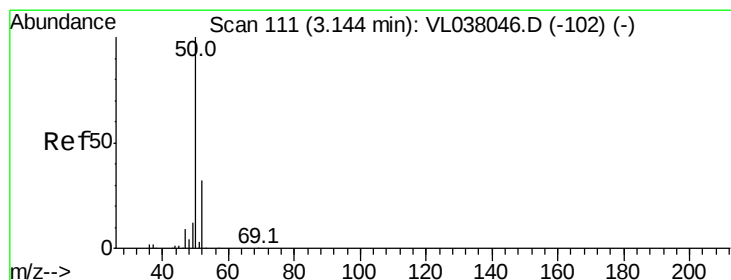
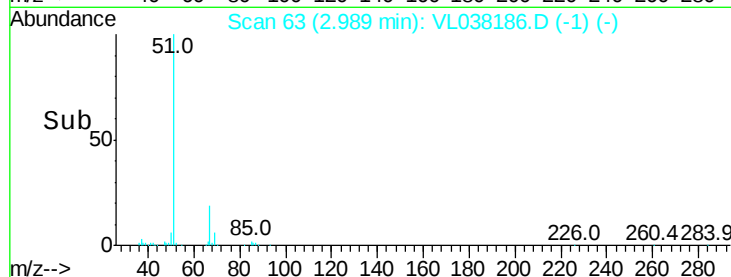
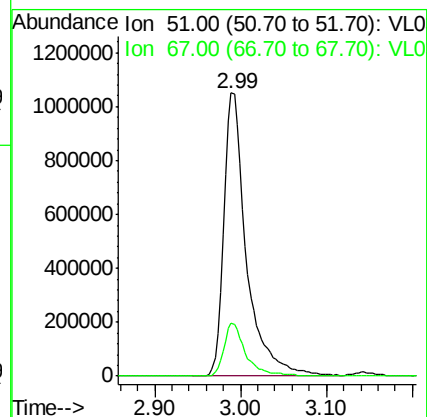
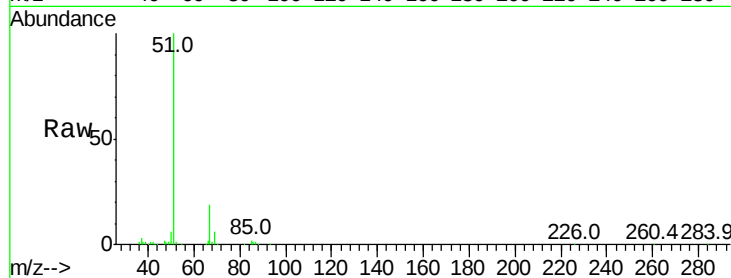
67 18.

Manual Integrations

APPROVED

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#4

Chloromethane

Concen: 8.530 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038186.D

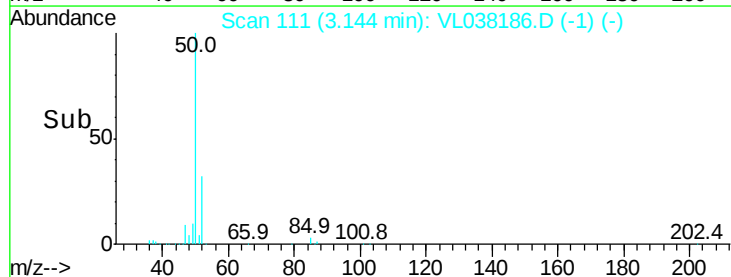
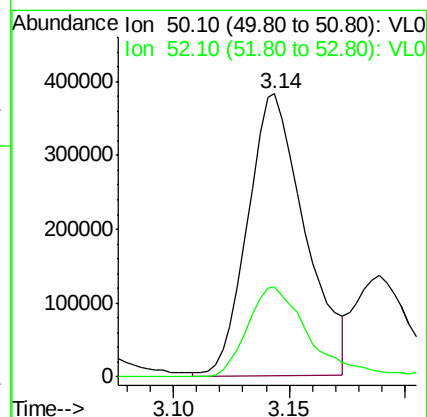
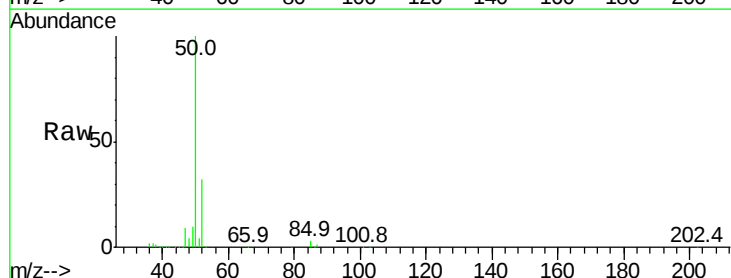
Acq: 16 Dec 2021 12:35

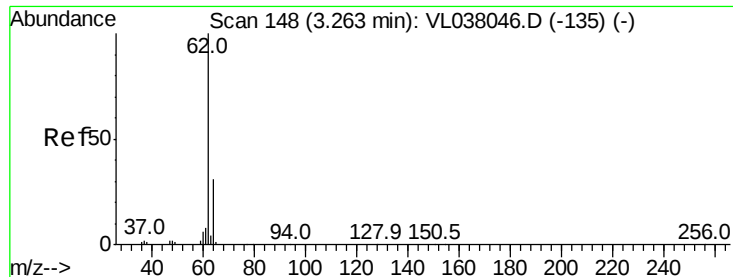
Tgt Ion: 50 Resp: 655601

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.0





#5

Vinyl Chloride

Concen: 8.624 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL1216ABS01

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

62 100

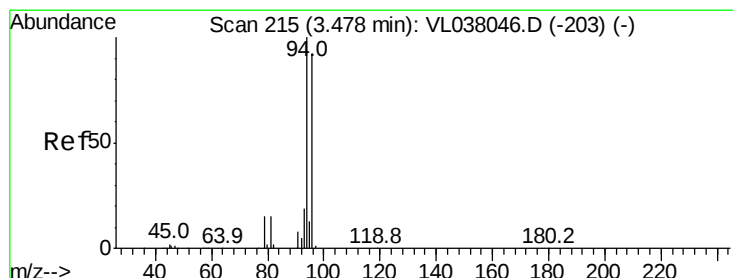
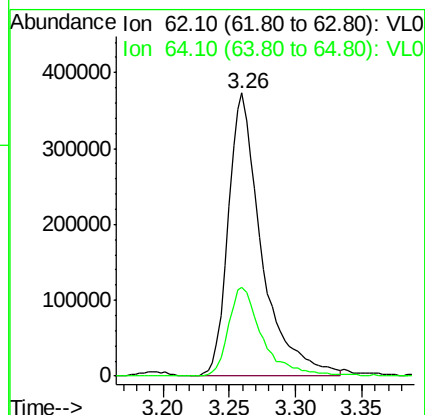
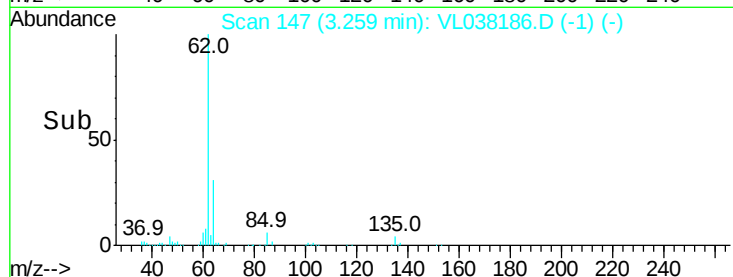
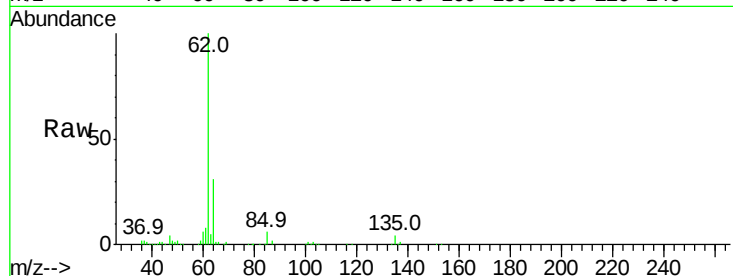
64 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#6

Bromomethane

Concen: 8.950 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038186.D

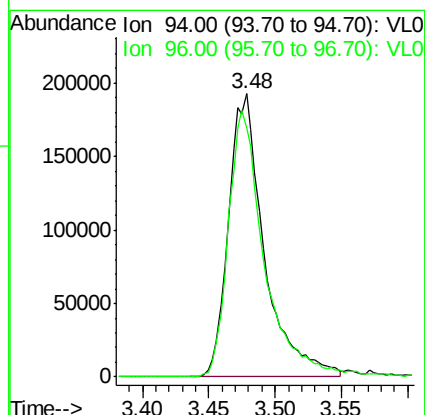
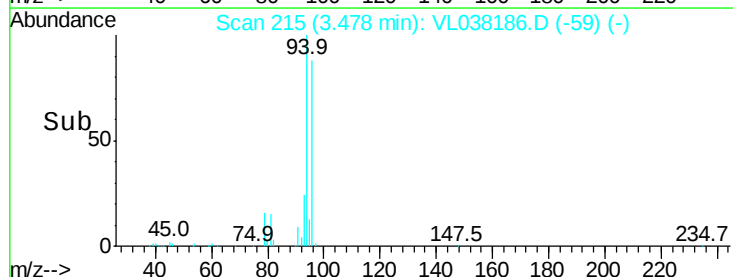
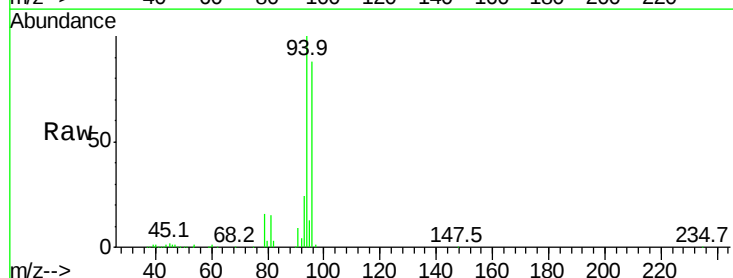
Acq: 16 Dec 2021 12:35

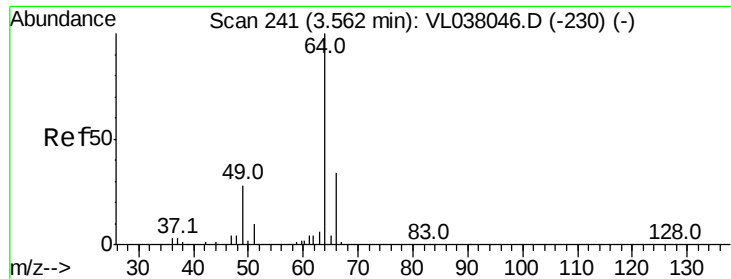
Tgt Ion: 94 Resp: 361504

Ion Ratio Lower Upper

94 100

96 87.9 73.9 110.9





#7

Chloroethane

Concen: 8.504 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VL1216ABS01

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

64 100

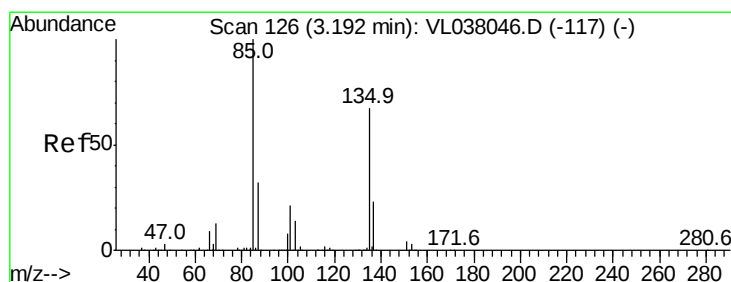
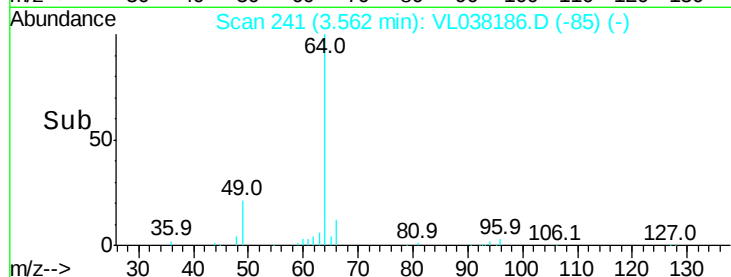
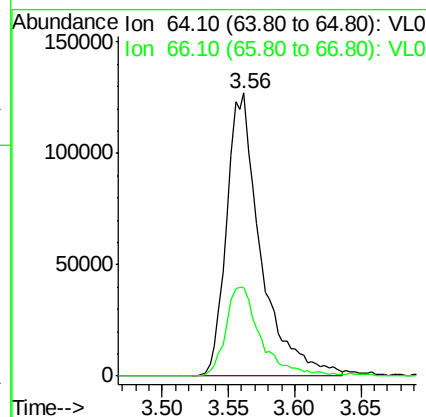
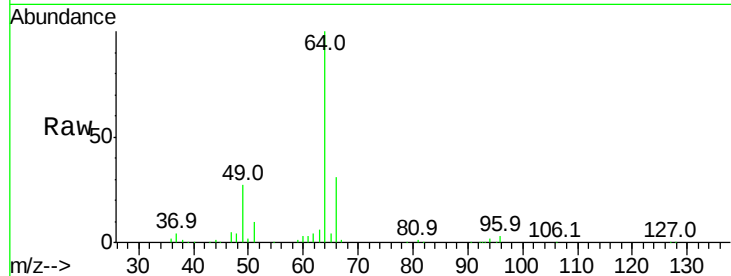
66 31.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#8

Dichlorotetrafluoroethane

Concen: 8.771 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038186.D

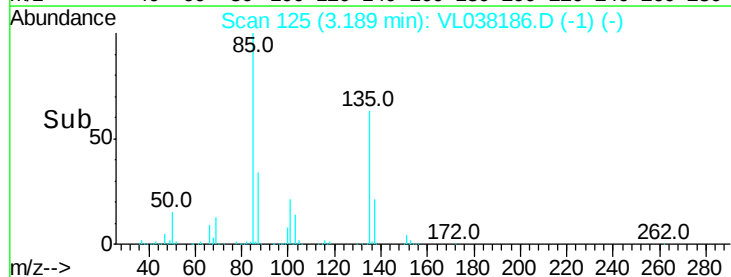
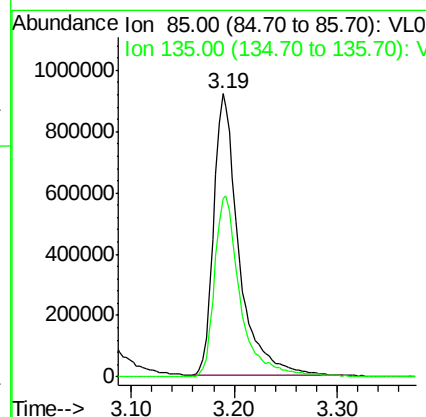
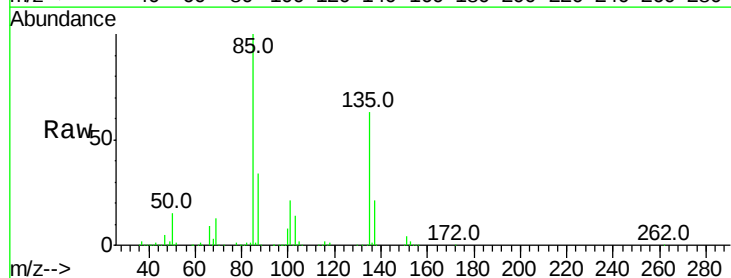
Acq: 16 Dec 2021 12:35

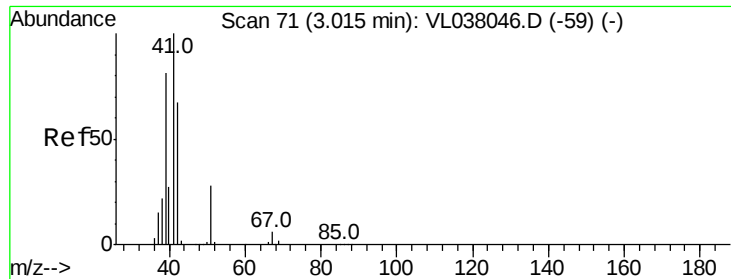
Tgt Ion: 85 Resp: 1549396

Ion Ratio Lower Upper

85 100

135 66.8 57.9 86.9





#9

Propene

Concen: 7.834 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

41 100

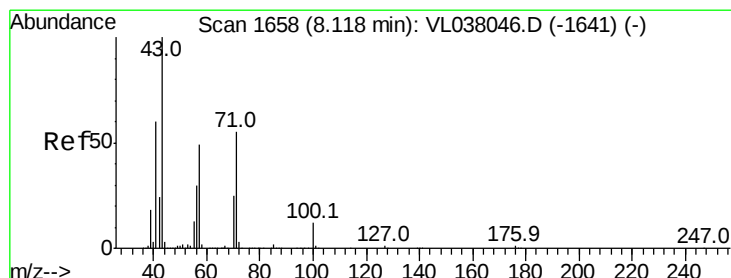
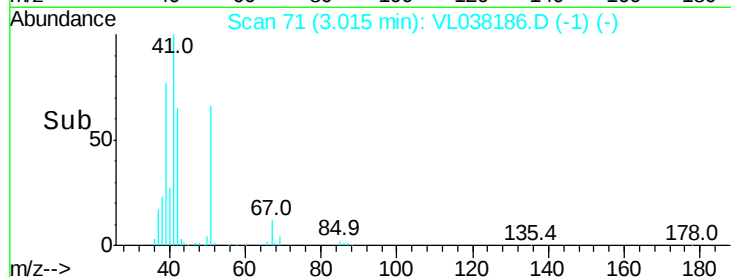
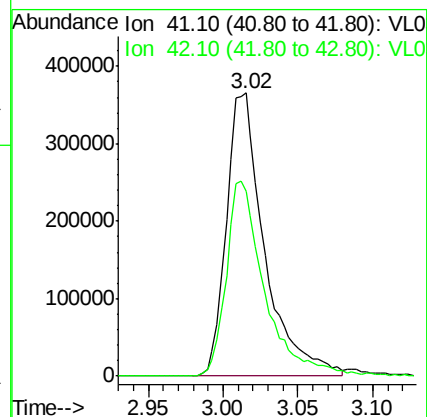
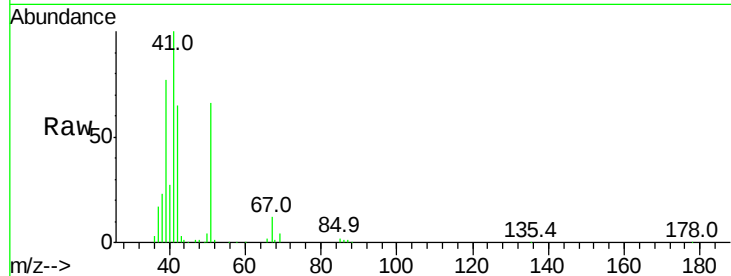
42 69.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#10

Heptane

Concen: 8.049 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL038186.D

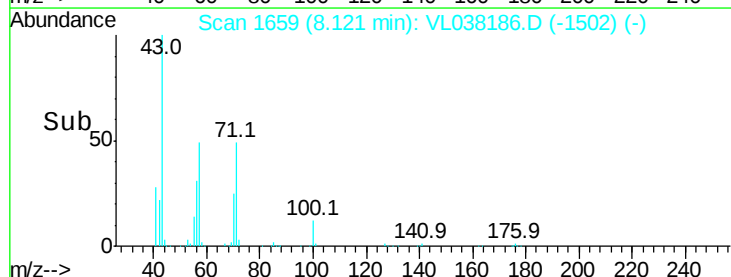
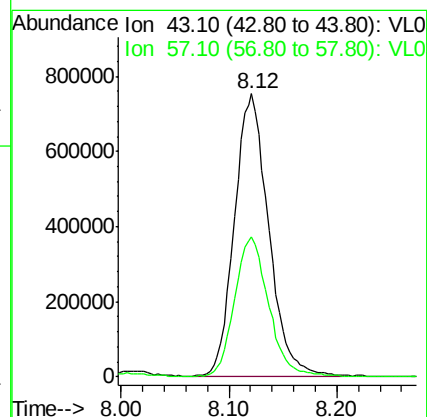
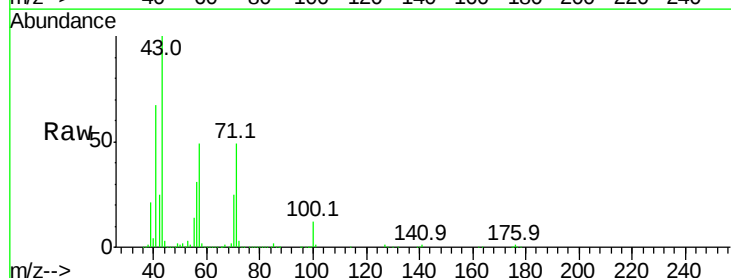
Acq: 16 Dec 2021 12:35

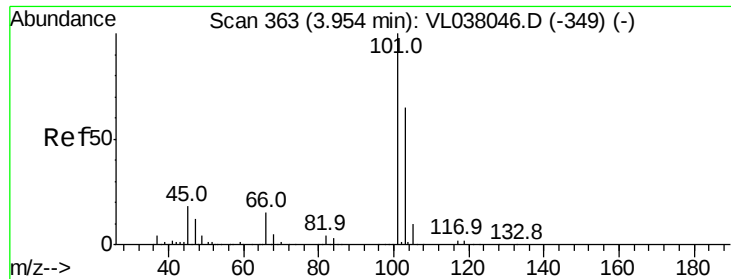
Tgt Ion: 43 Resp: 1654128

Ion Ratio Lower Upper

43 100

57 49.9 40.4 60.6



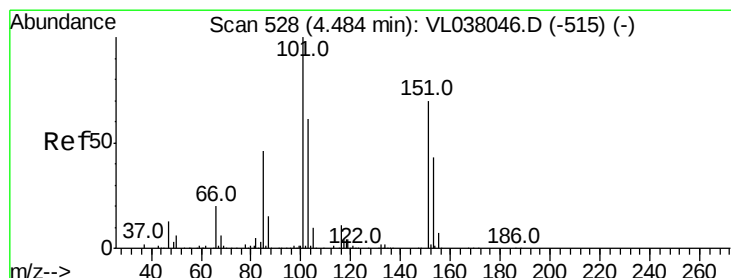
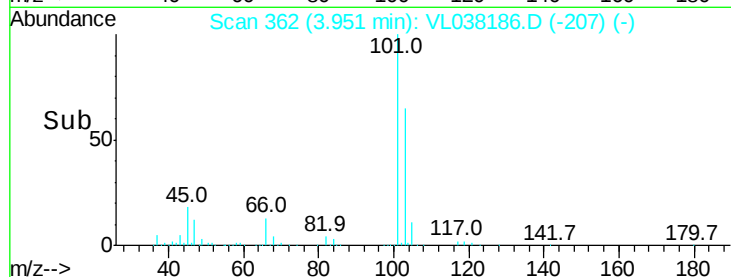
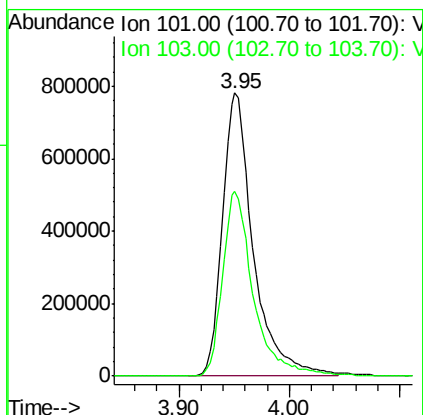
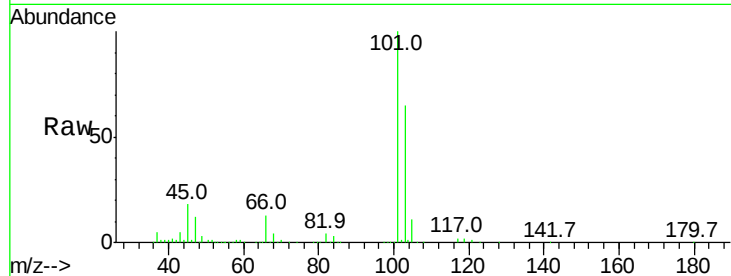


#11
 Trichlorofluoromethane
 Concen: 8.971 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 16 Dec 2021 12:35

Tot Ion:1
 Ion Rati
 101 100
 103 65.

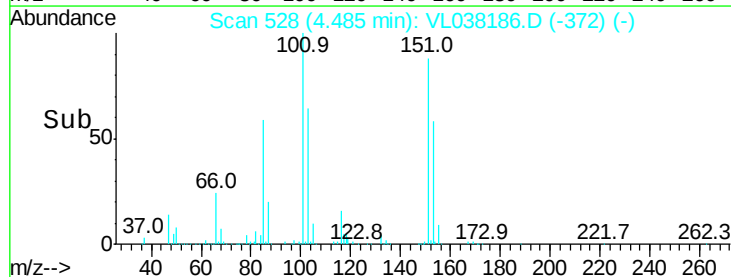
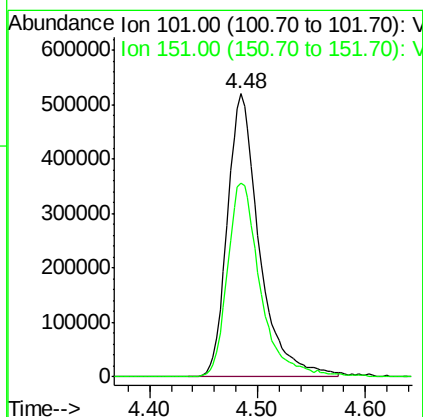
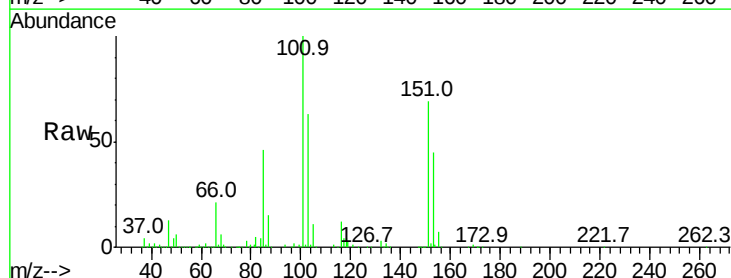
Manual Integrations
 APPROVED

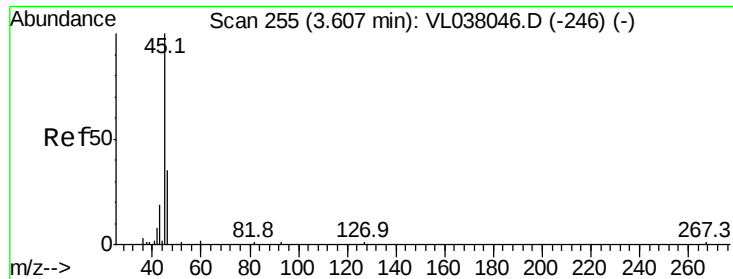
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.026 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion:101 Resp: 1078283
 Ion Ratio Lower Upper
 101 100
 151 71.2 59.0 88.4





#13

Ethanol

Concen: 7.908 ppbv m

RT: 3.61

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

45 100

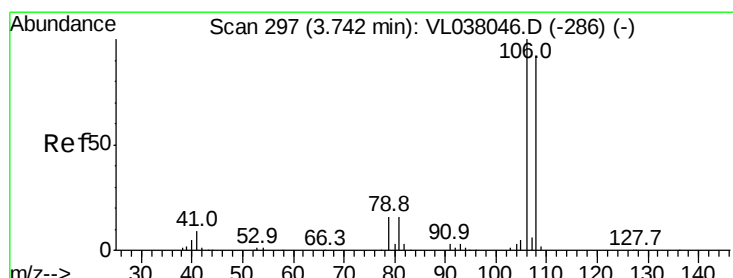
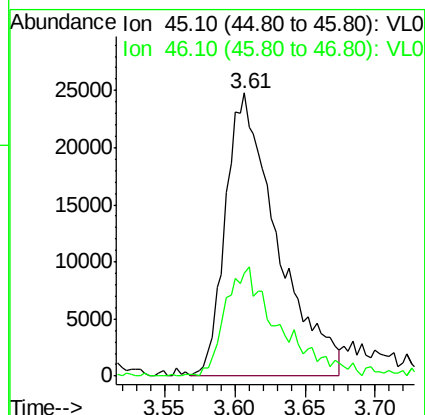
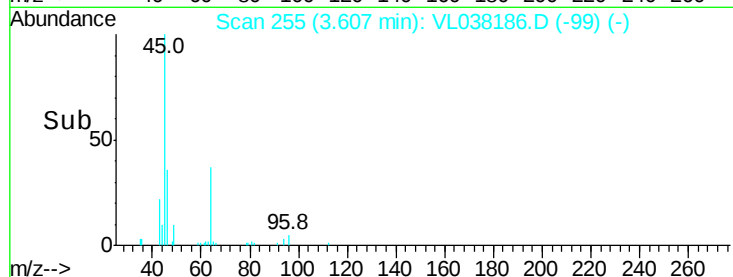
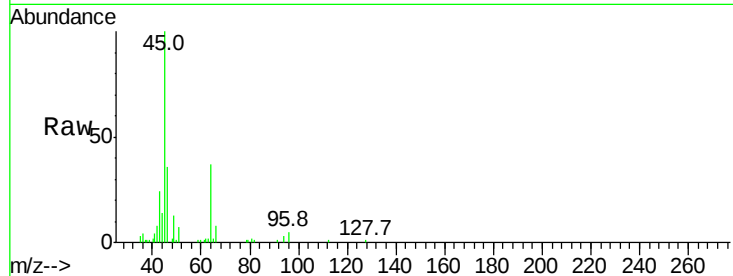
46 41.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#14

Bromoethene

Concen: 8.633 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

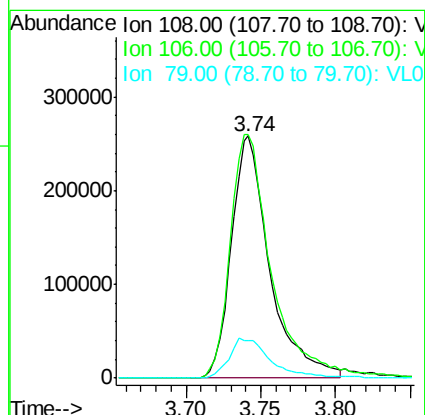
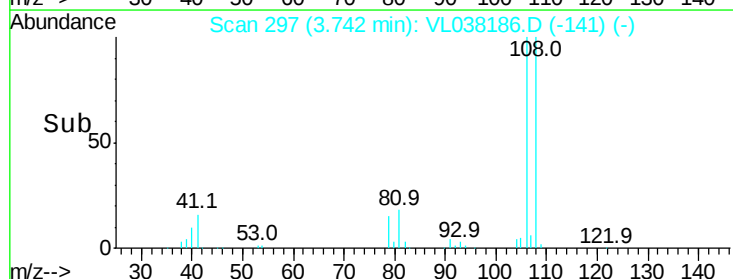
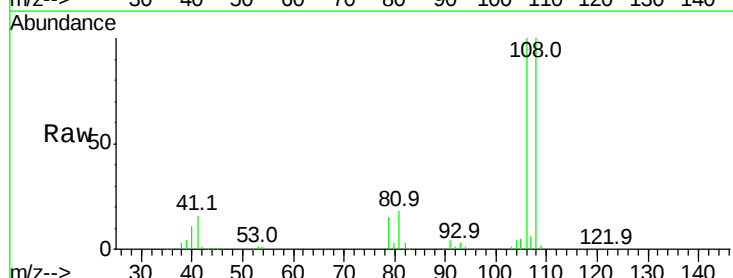
Tgt Ion:108 Resp: 461854

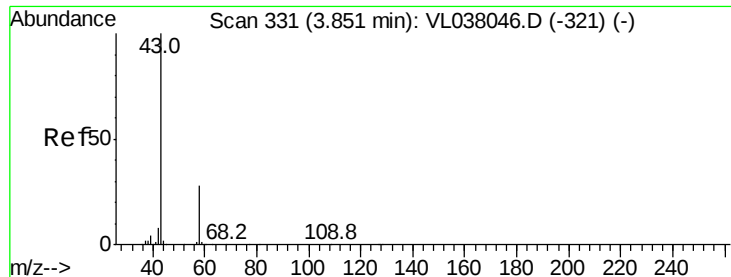
Ion Ratio Lower Upper

108 100

106 109.5 89.4 134.0

79 18.2 14.1 21.1





#15

Acetone

Concen: 8.634 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

43 100

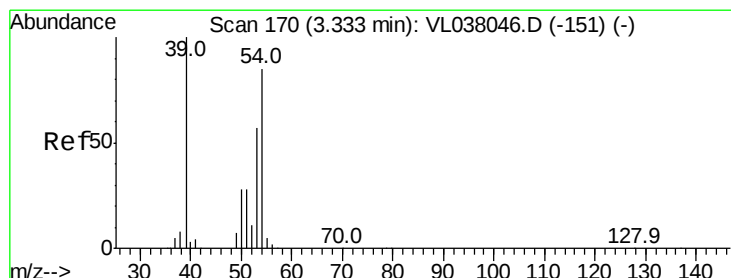
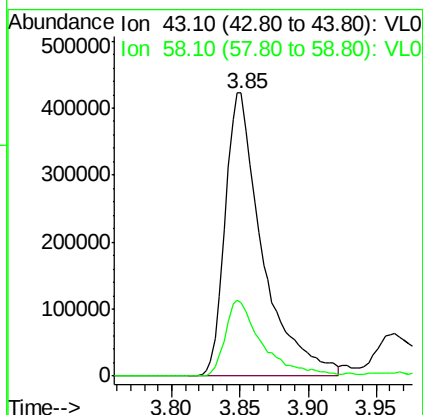
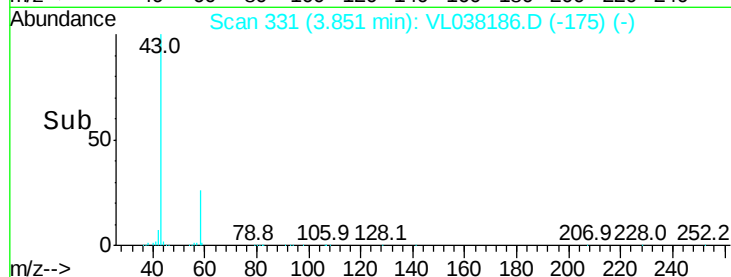
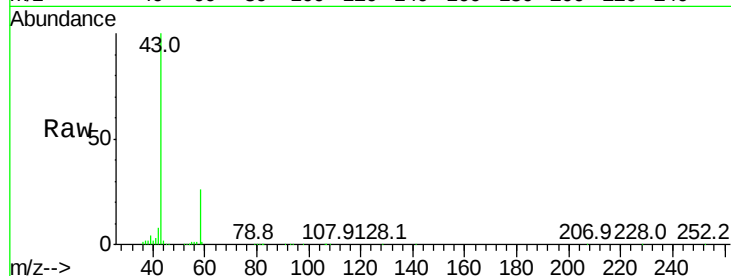
58 27.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#16

1,3-Butadiene

Concen: 8.807 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.01 min

Lab File: VL038186.D

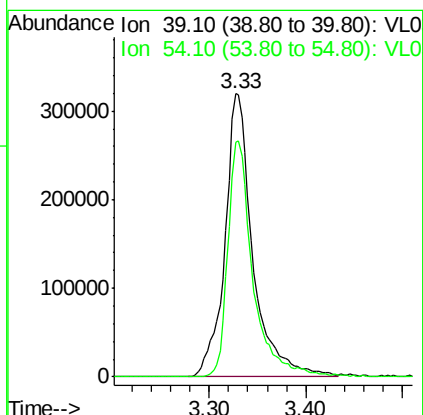
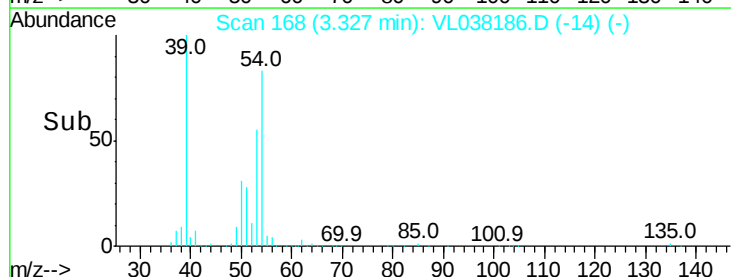
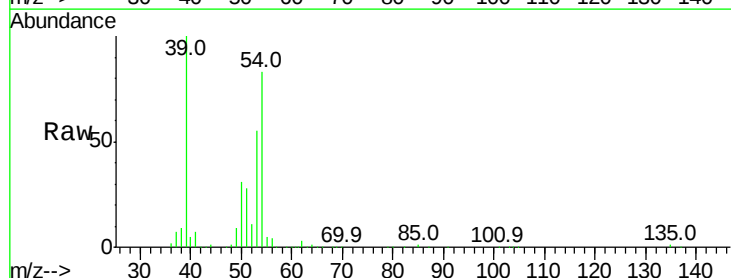
Acq: 16 Dec 2021 12:35

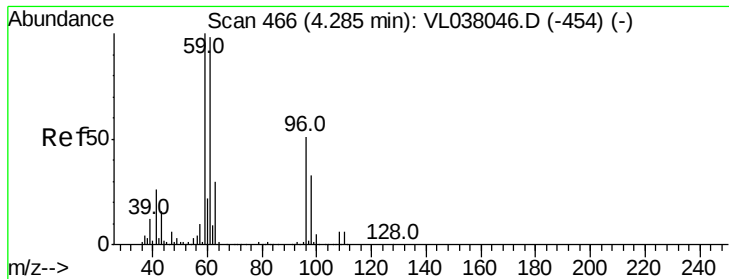
Tgt Ion: 39 Resp: 640461

Ion Ratio Lower Upper

39 100

54 75.6 64.4 96.6





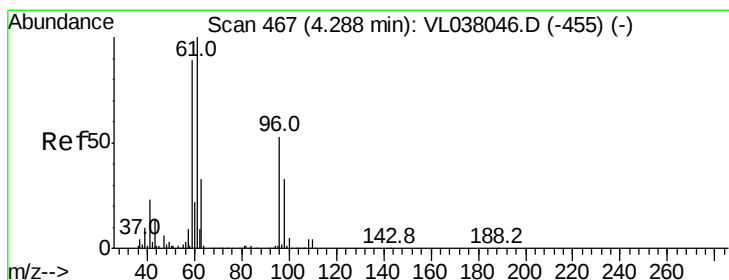
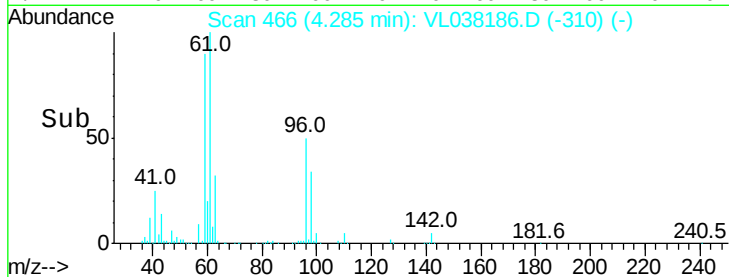
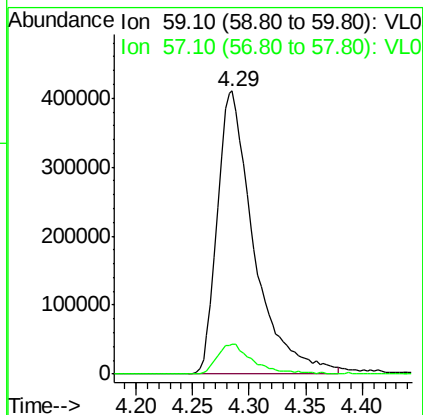
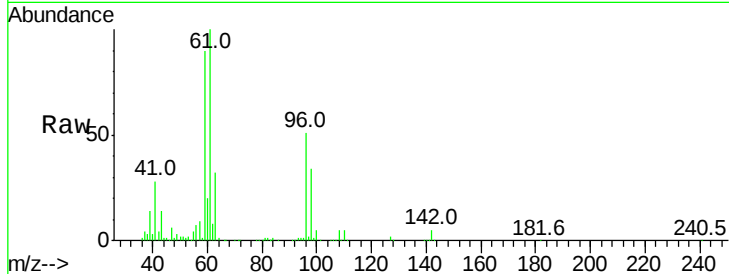
#17

tert-Butyl alcohol
Concen: 8.185 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
APPROVED

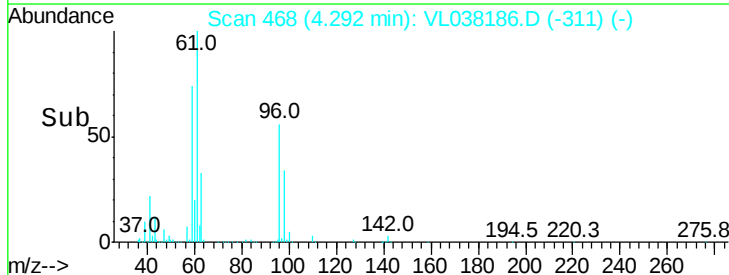
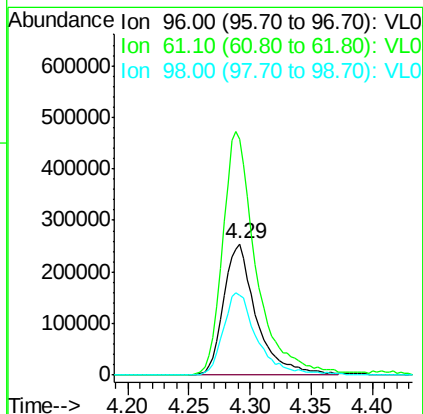
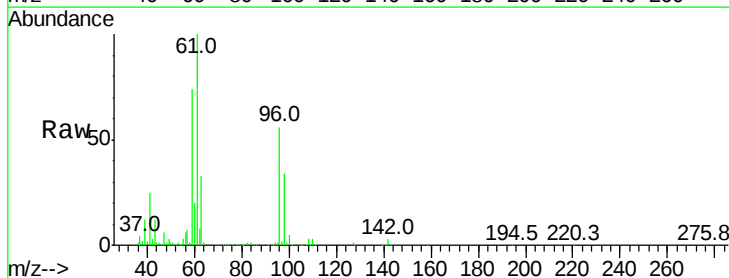
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021

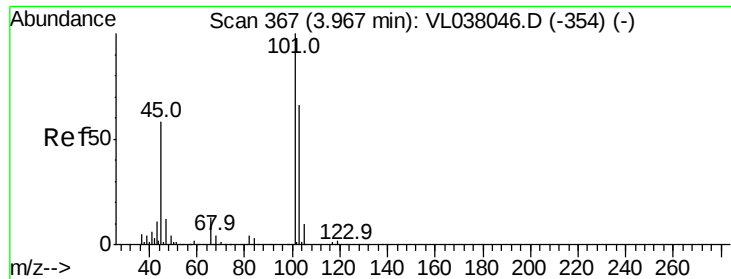


#18

1,1-Dichloroethene
Concen: 8.778 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 96 Resp: 481061
Ion Ratio Lower Upper
96 100
61 179.5 149.8 224.8
98 60.6 50.2 75.2





#19

Isopropyl Alcohol

Concen: 7.757 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

45 100

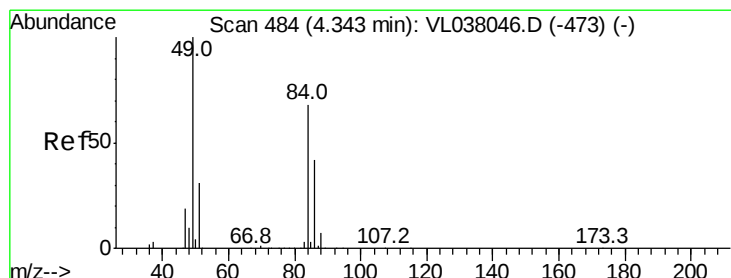
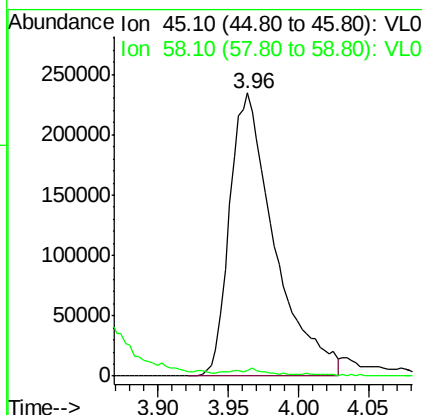
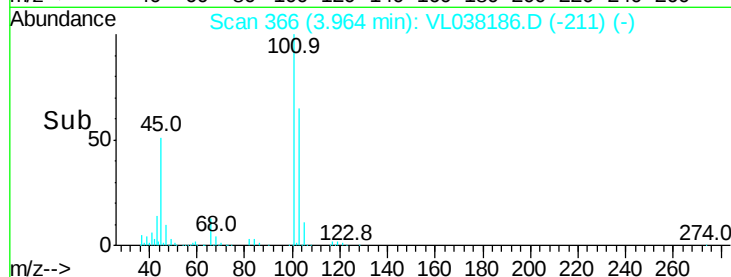
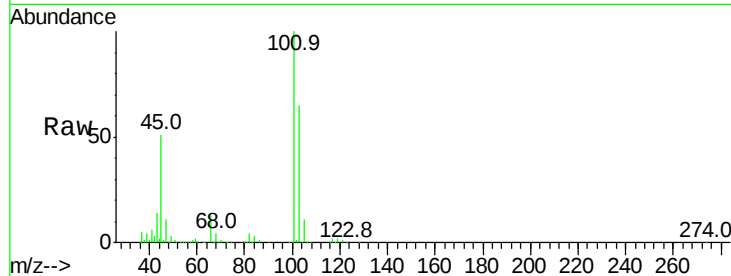
58 2.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#20

Methylene Chloride

Concen: 7.850 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

Tgt Ion: 84 Resp: 409847

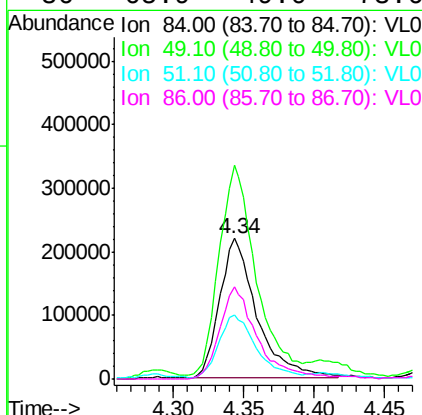
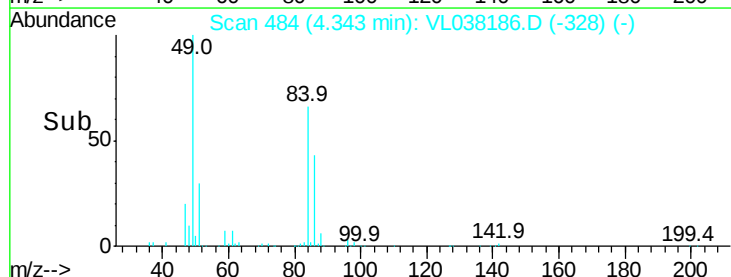
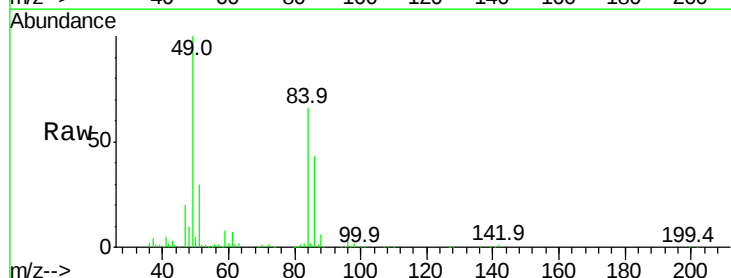
Ion Ratio Lower Upper

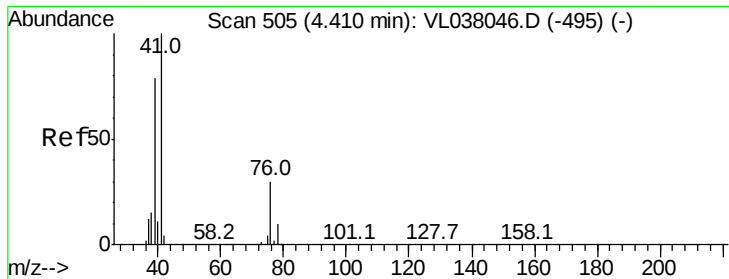
84 100

49 150.1 118.2 177.2

51 44.2 36.8 55.2

86 65.9 49.0 73.6



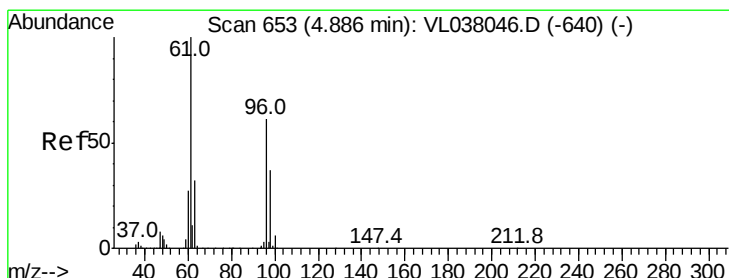
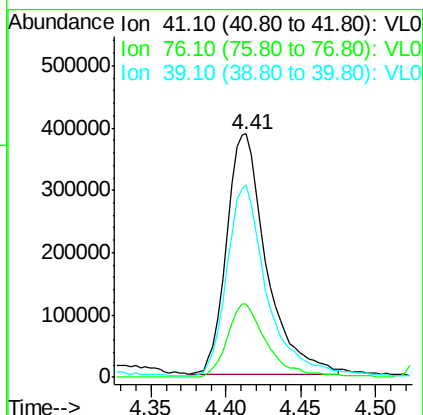
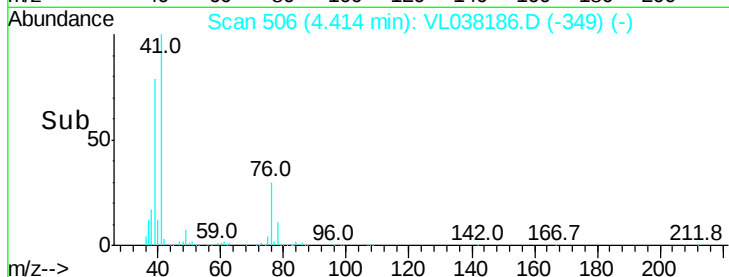
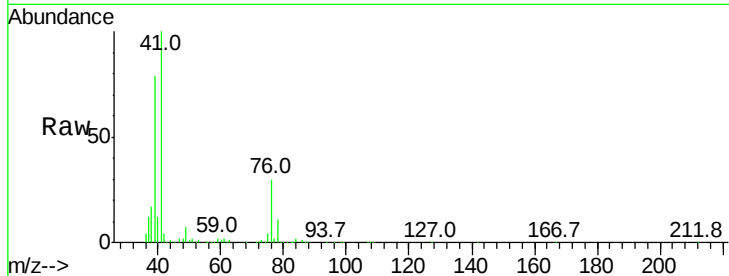


#21
Allvl Chloride
Concen: 8.240 ppbv
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
41 100
76 31.
39 84.

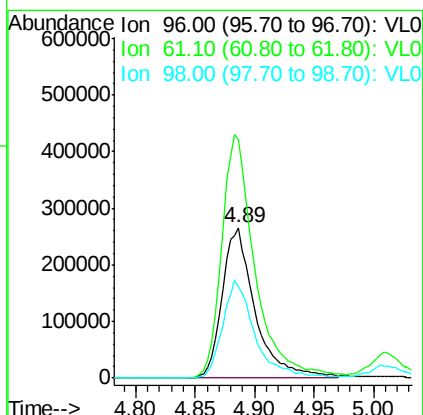
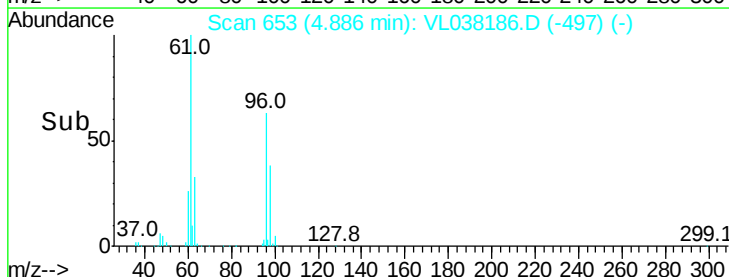
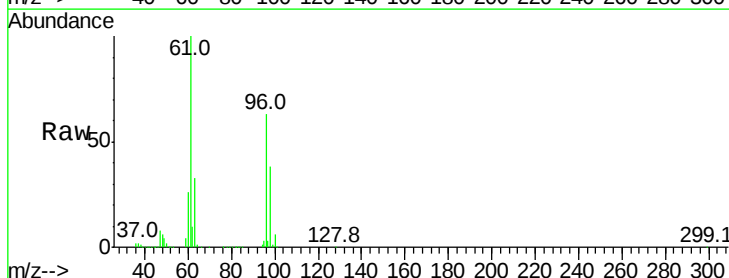
Manual Integrations
APPROVED

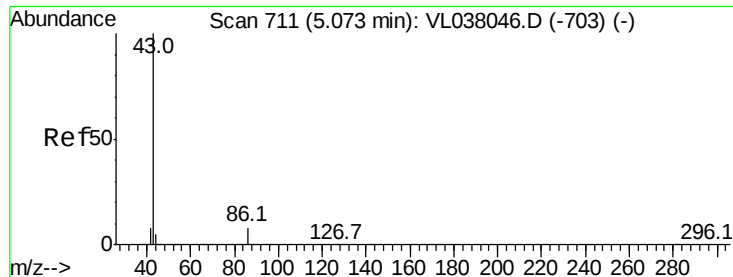
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#22
trans-1,2-Dichloroethene
Concen: 9.200 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 96 Resp: 510726
Ion Ratio Lower Upper
96 100
61 158.5 131.6 197.4
98 60.6 48.4 72.6





#23

Vinyl Acetate

Concen: 8.515 ppbv

RT: 5.07

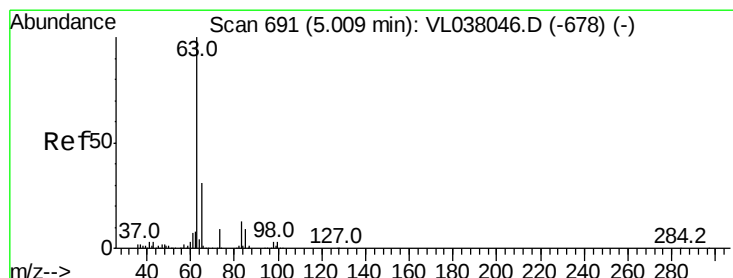
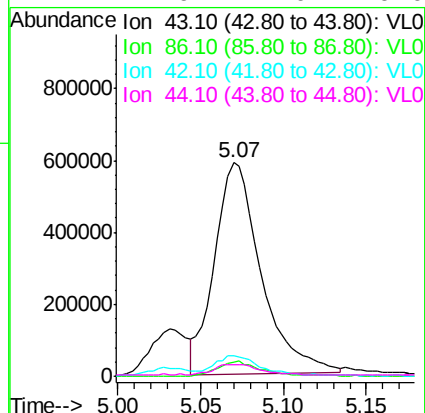
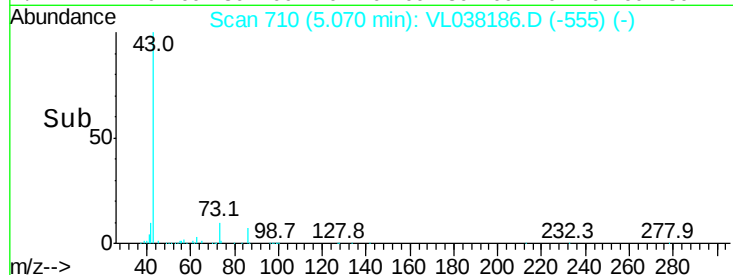
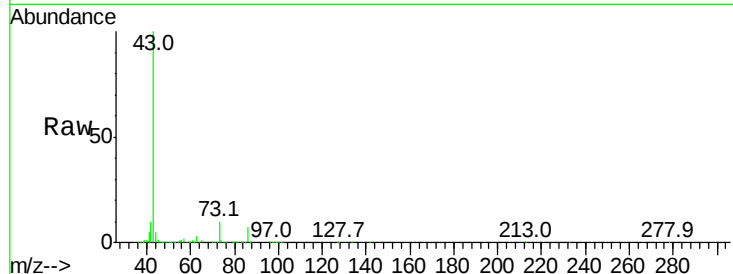
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 12:35

Tot Ion: Manual Integrations
 Ion Ratio APPROVED
 43 100
 86 6.
 42 9.
 44 4.9 4.0 6.0

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



#24

1,1-Dichloroethane

Concen: 8.707 ppbv

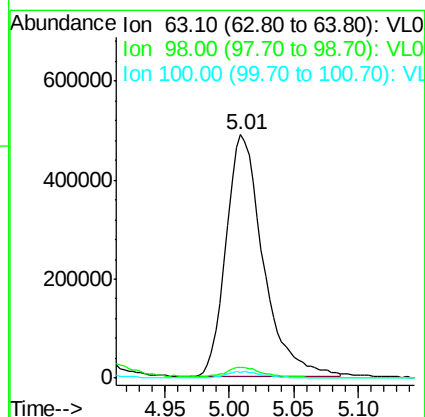
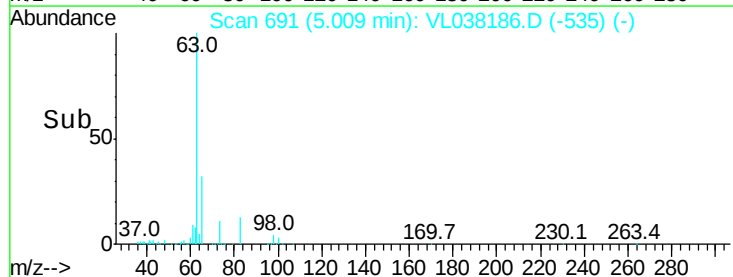
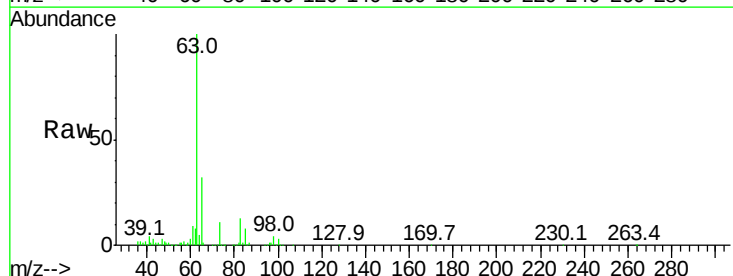
RT: 5.01 min Scan# 691

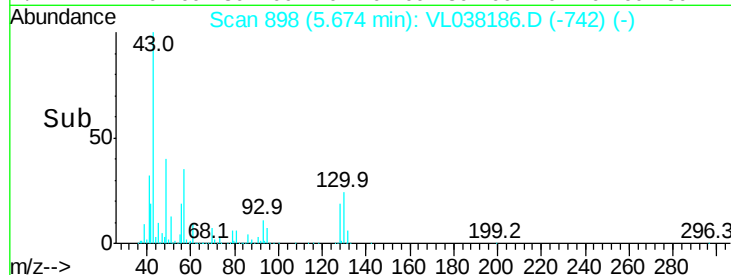
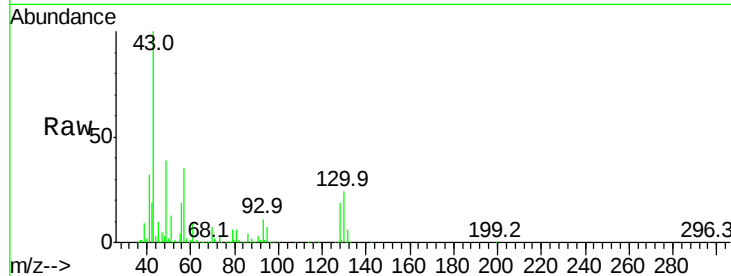
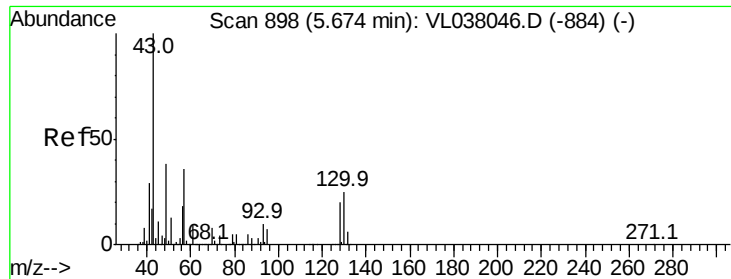
Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

Tgt Ion: 63 Resp: 978304
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.4
 100 2.5 1.4 4.0



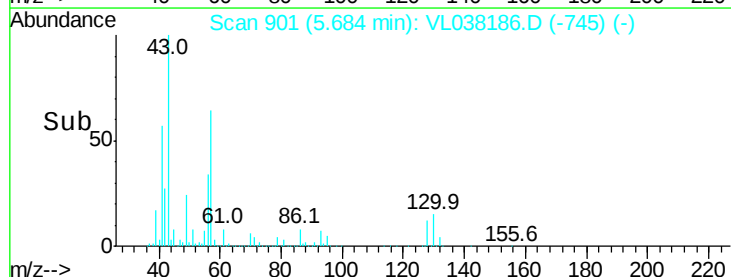
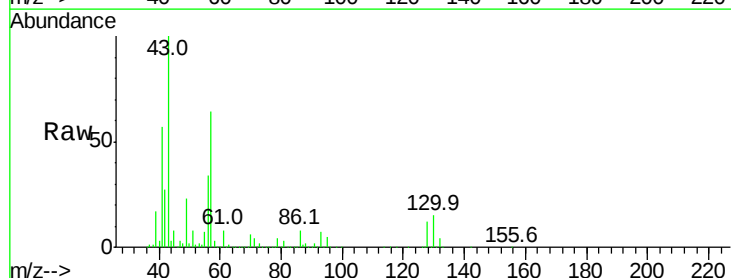
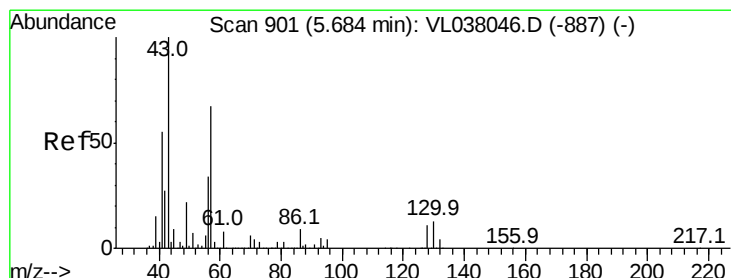
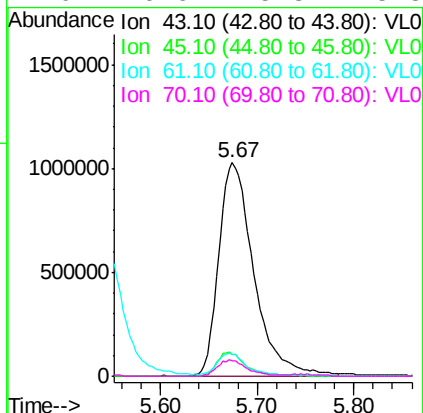


#25
Ethyl Acetate
Concen: 8.313 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.6 5.8 8.8

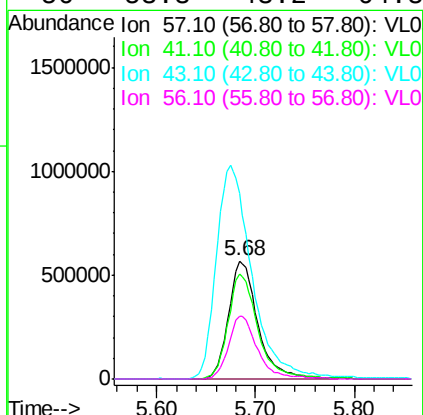
Manual Integrations
APPROVED

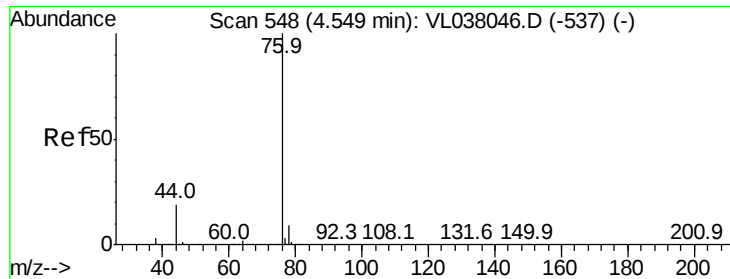
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#26
Hexane
Concen: 7.899 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 57 Resp: 1179394
Ion Ratio Lower Upper
57 100
41 92.2 71.4 107.2
43 221.2 174.6 261.8
56 53.3 43.2 64.8





#27

Carbon Disulfide

Concen: 8.956 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Dec 2021 12:35 VL1216ABS01

Tot Ion:

Ion Ratio

76 100

44 19.

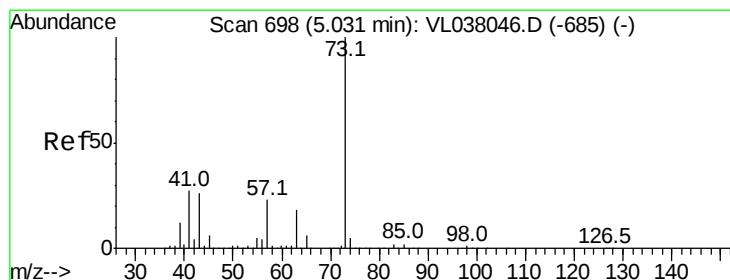
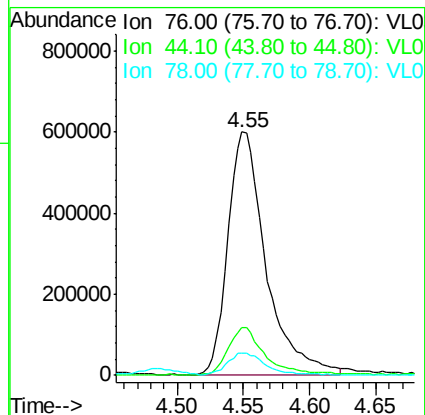
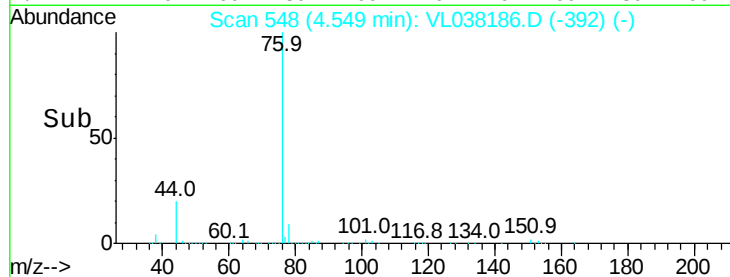
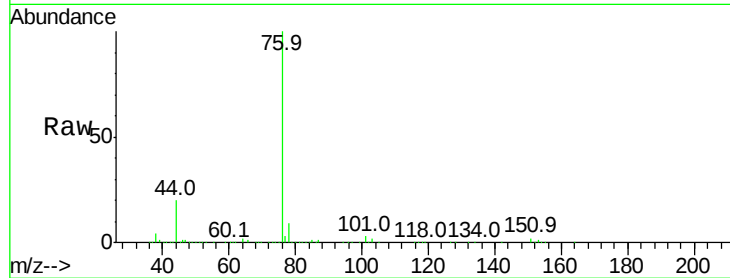
78 9.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#28

Methyl tert-Butyl Ether

Concen: 8.206 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL038186.D

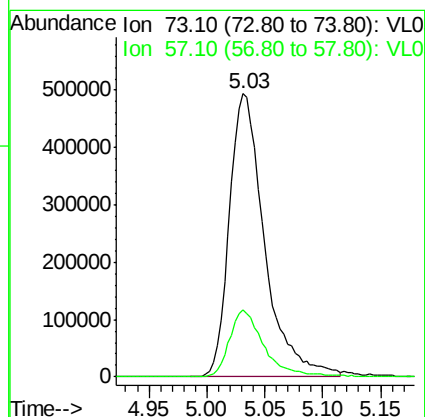
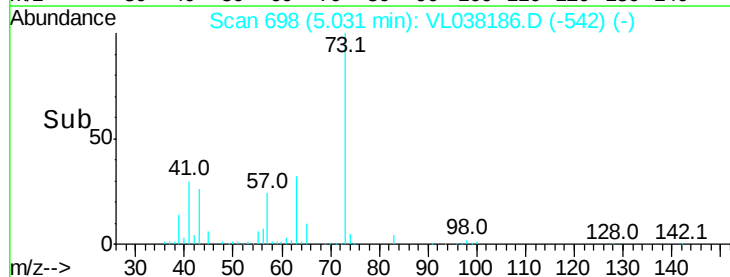
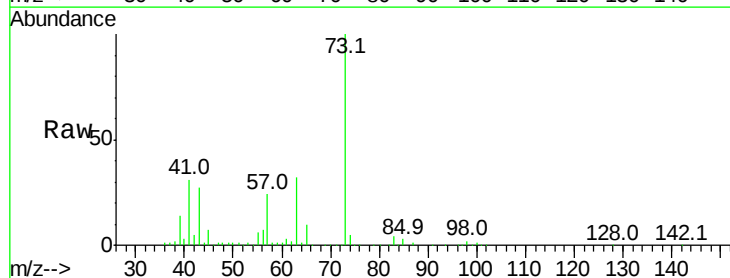
Acq: 16 Dec 2021 12:35

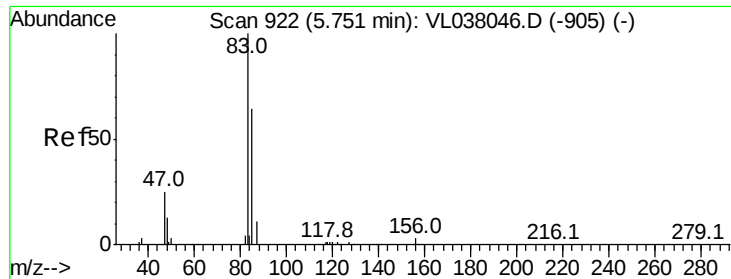
Tgt Ion: 73 Resp: 1040881

Ion Ratio Lower Upper

73 100

57 23.6 19.0 28.4



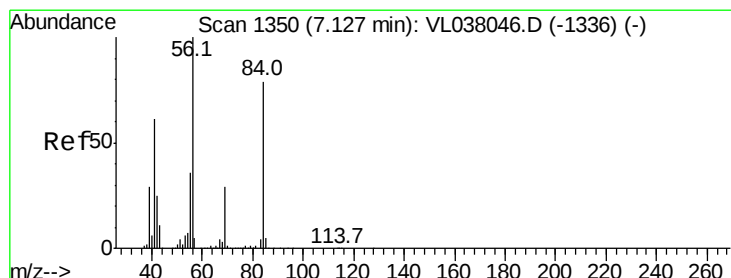
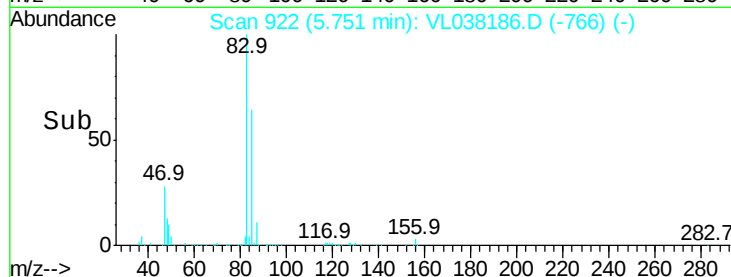
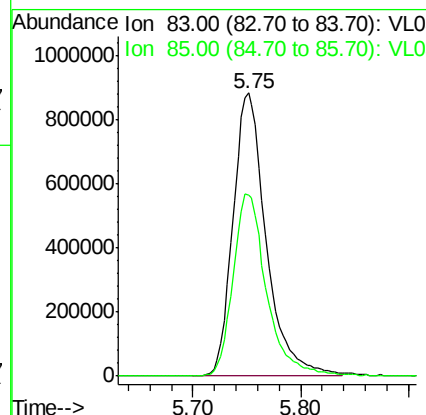
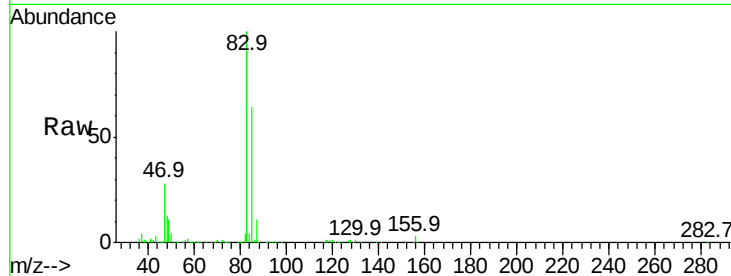


#29
Chloroform
Concen: 8.614 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
83 100
85 63.

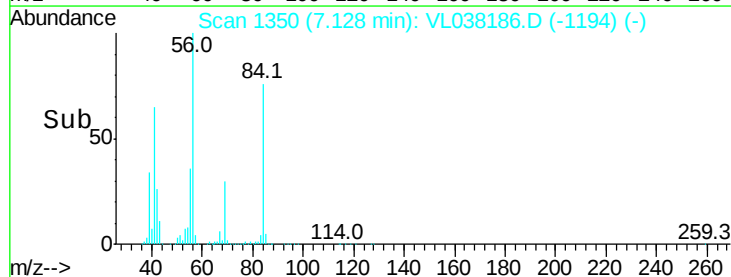
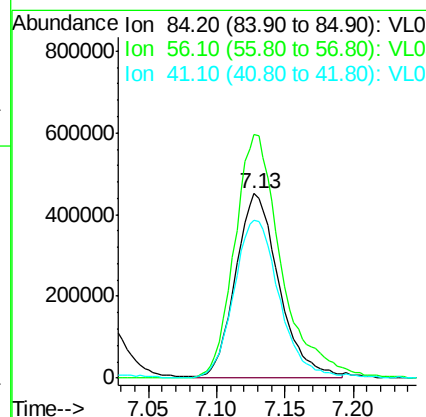
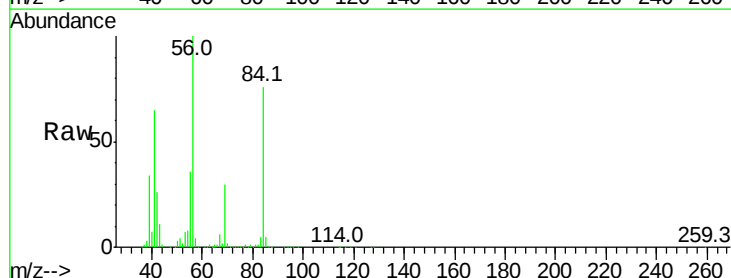
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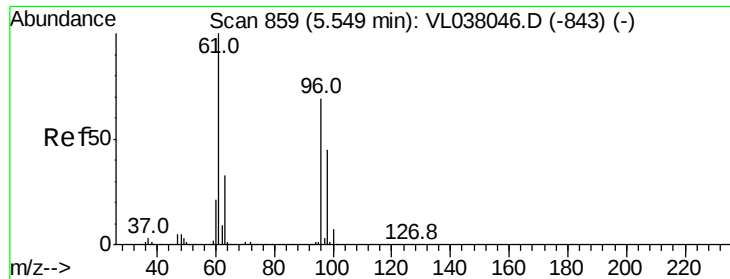
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#30
Cyclohexane
Concen: 7.319 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 84 Resp: 992183
Ion Ratio Lower Upper
84 100
56 144.3 108.1 162.1
41 90.3 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 8.423 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VL1216ABS01

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

61 100

96 63.

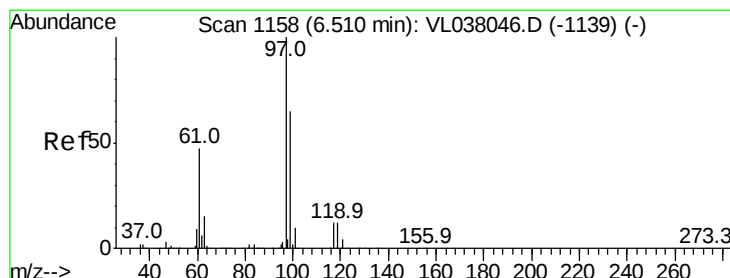
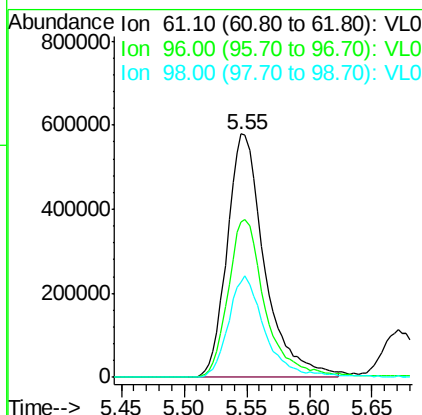
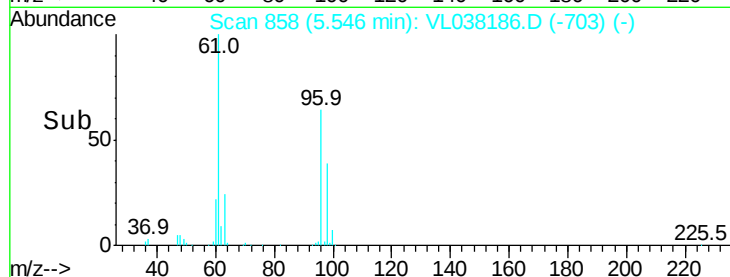
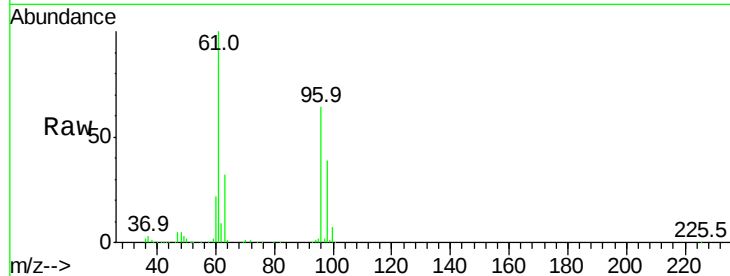
98 39.

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#32

1,1,1-Trichloroethane

Concen: 8.259 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

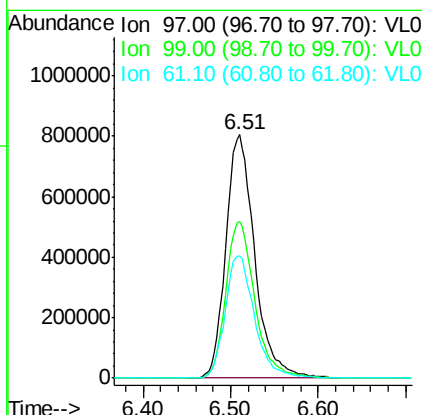
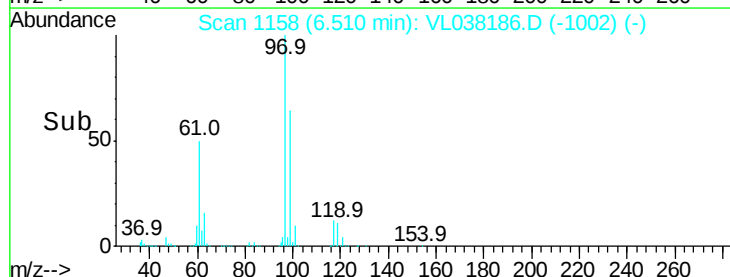
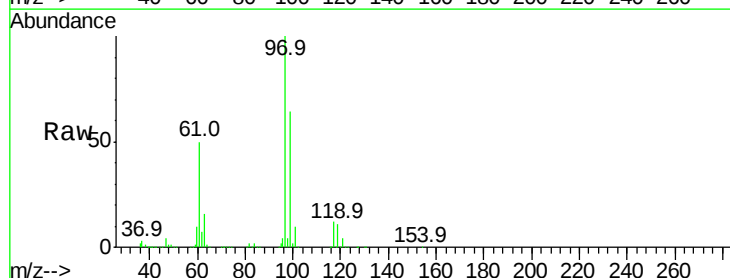
Tgt Ion: 97 Resp: 1844535

Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.4

61 51.5 37.7 56.5



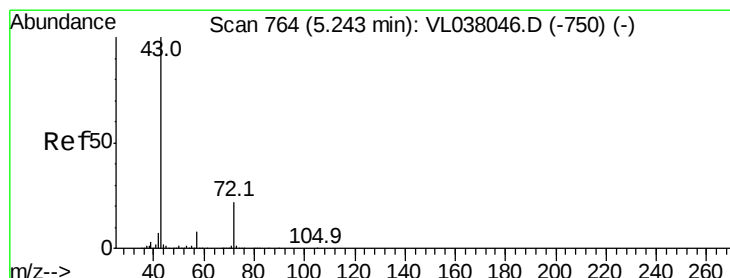
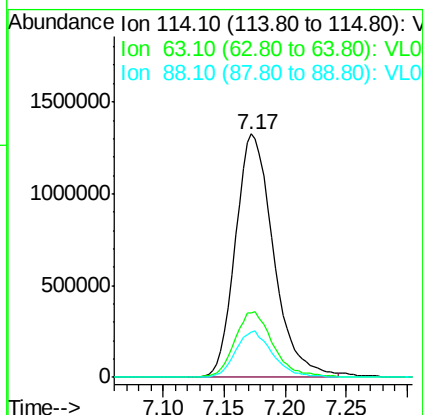
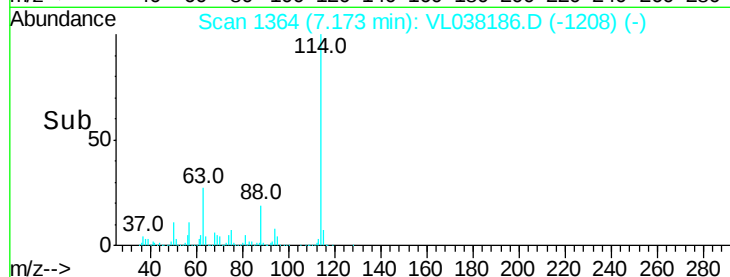
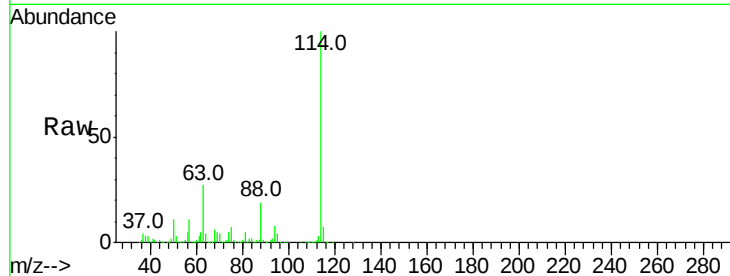


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1216ABS01
 Acq: 16 Dec 2021 12:35

Tot Ion: 1
 Ion Ratio
 114 100
 63 27.
 88 18.

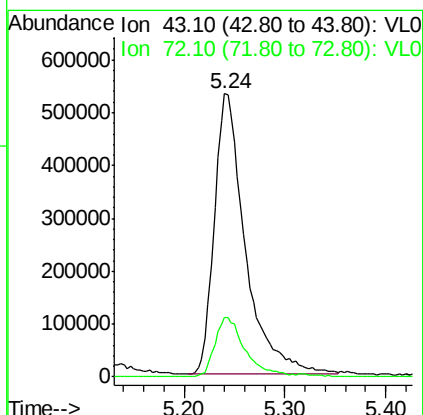
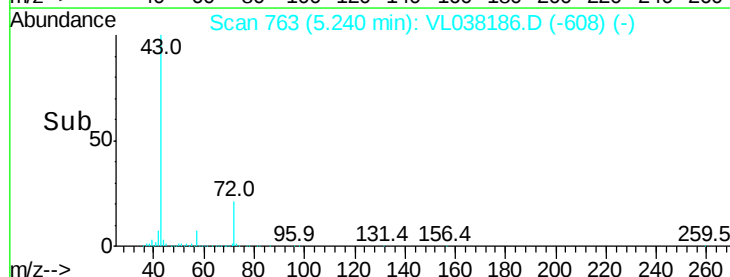
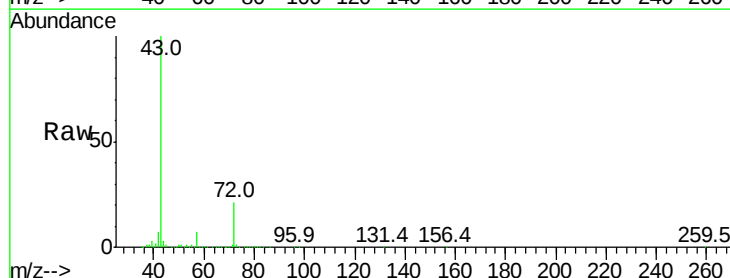
Manual Integrations
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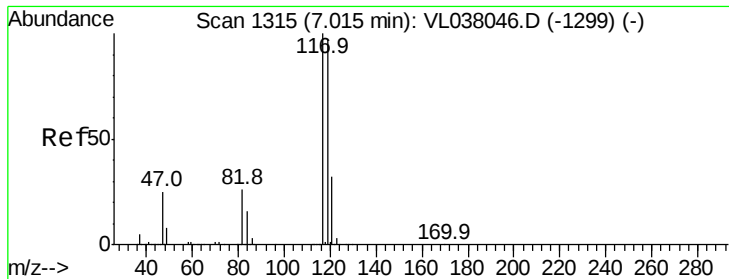
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#34
 2-Butanone
 Concen: 9.807 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion: 43 Resp: 1132846
 Ion Ratio Lower Upper
 43 100
 72 21.6 18.8 28.2



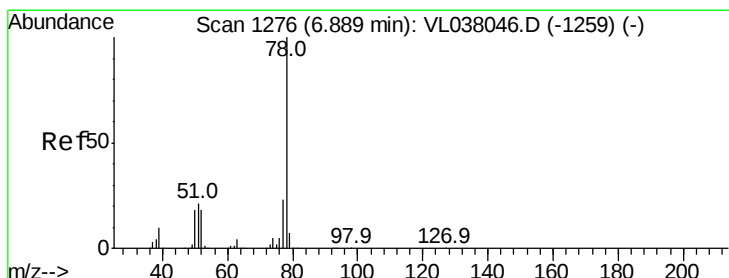
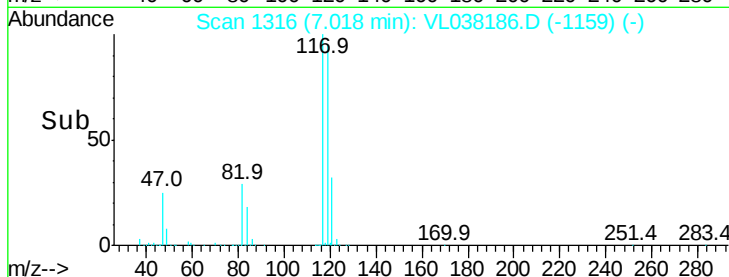
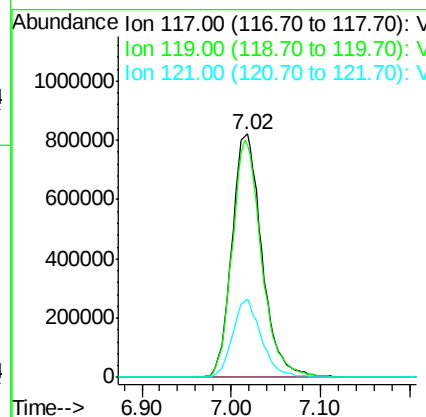
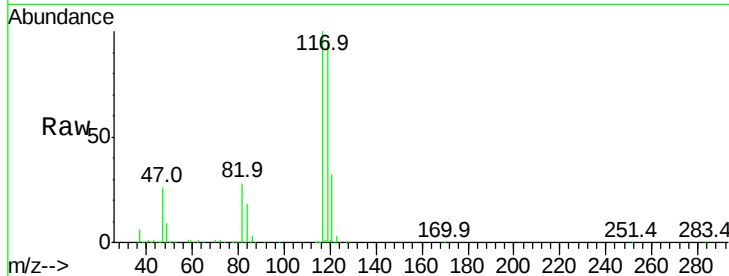


#35
Carbon Tetrachloride
Concen: 9.478 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:1
Ion Rati
117 100
119 95.
121 32.

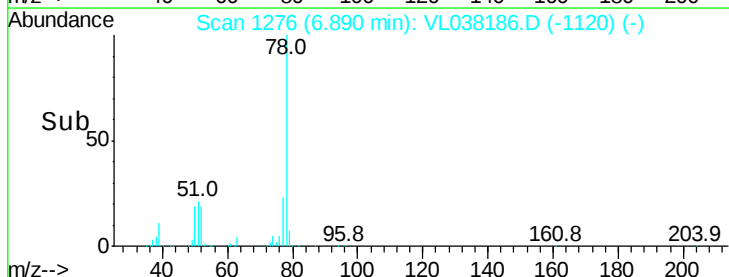
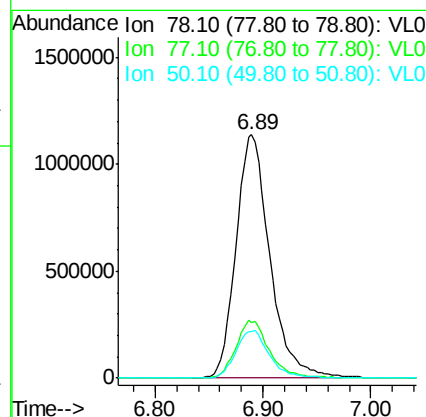
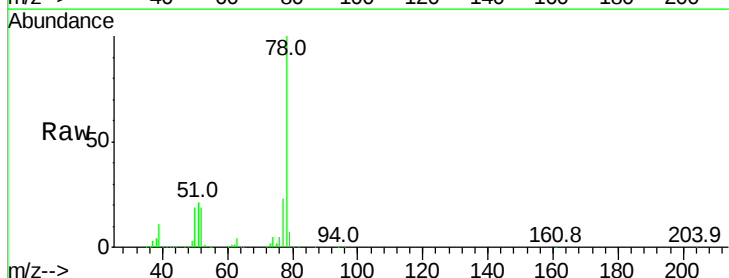
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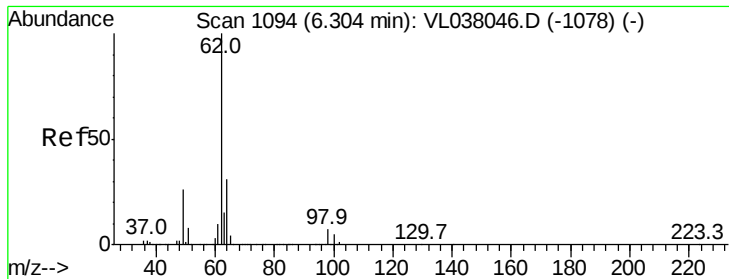
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#36
Benzene
Concen: 8.708 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 78 Resp: 2488344
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.4
50 19.3 14.7 22.1



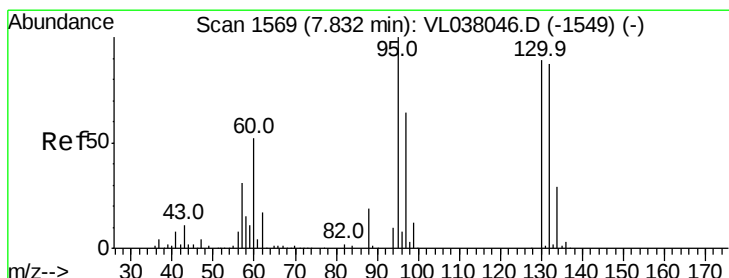
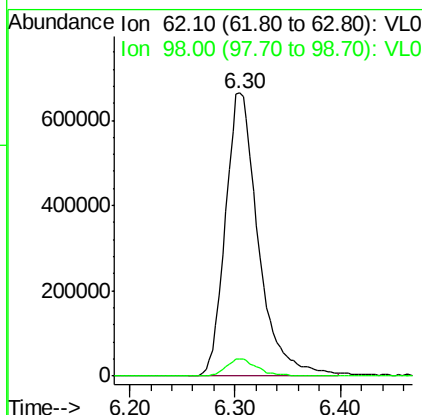
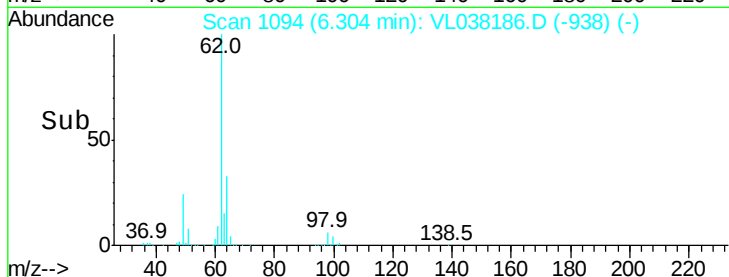
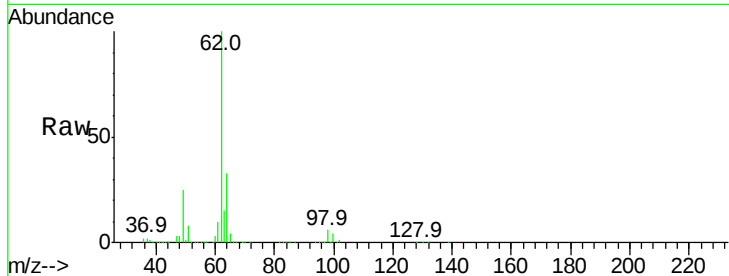


#37
 1,2-Dichloroethane
 Concen: 10.426 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1216ABS01
 Acq: 16 Dec 2021 12:35

Tot Ion:
 Ion Ratio
 62 100
 98 5.

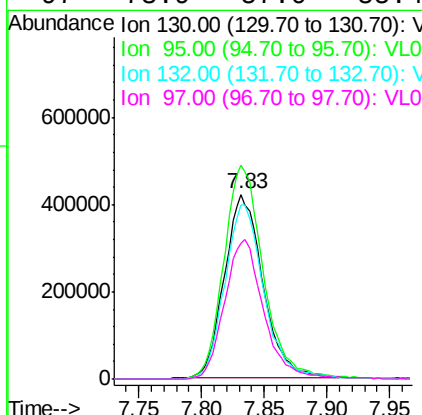
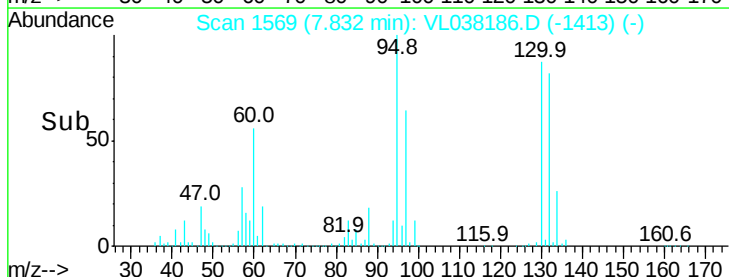
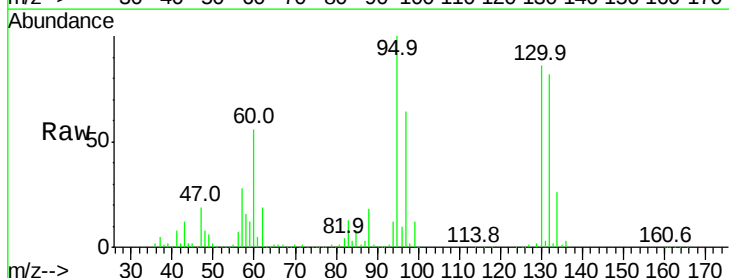
Manual Integrations
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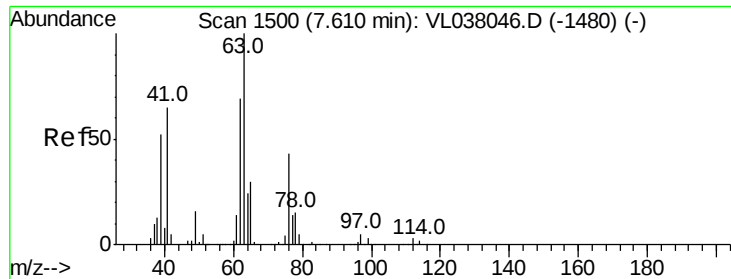
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#38
 Trichloroethene
 Concen: 8.243 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion:130 Resp: 888447
 Ion Ratio Lower Upper
 130 100
 95 116.2 89.4 134.2
 132 94.7 78.2 117.2
 97 73.9 57.0 85.4



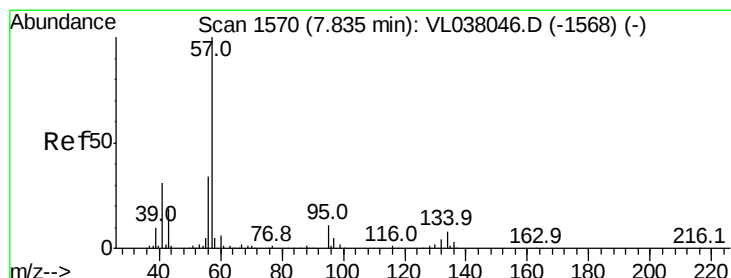
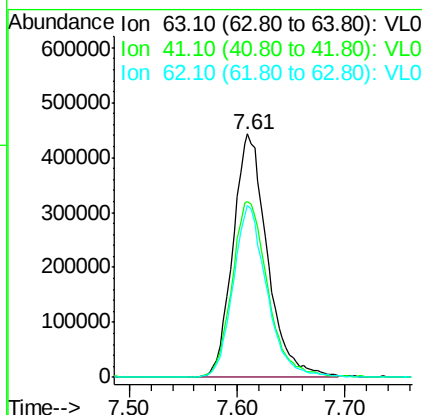
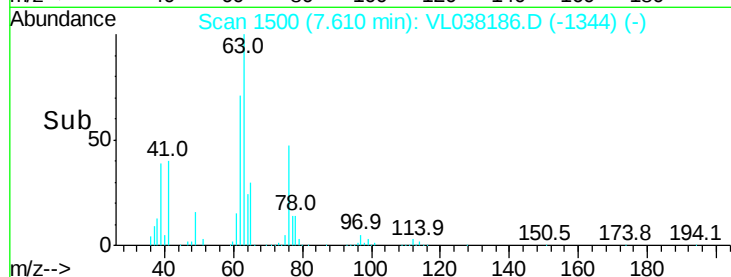
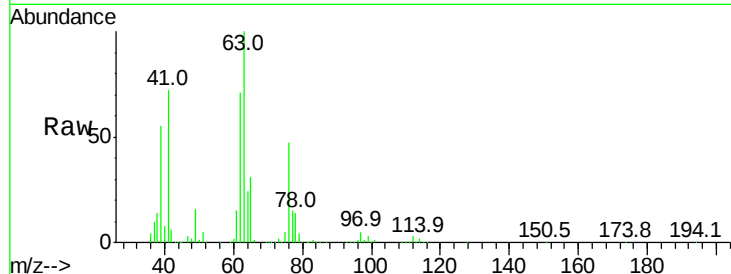


#39
 1,2-Dichloropropane
 Concen: 8.986 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1216ABS01
 Acq: 16 Dec 2021 12:35

Tot Ion:
 Ion Ratio
 63 100
 41 72.
 62 70.

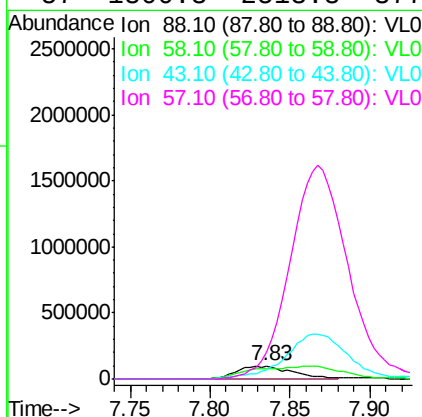
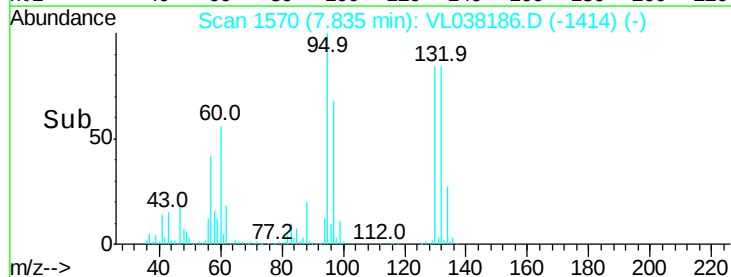
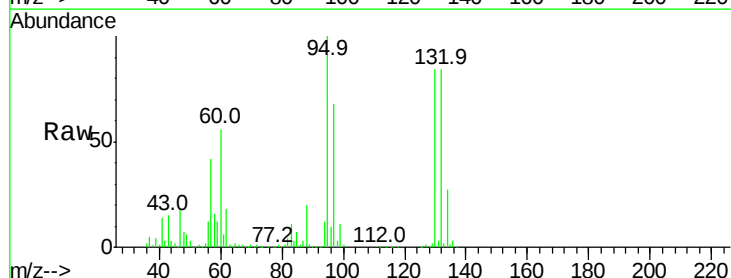
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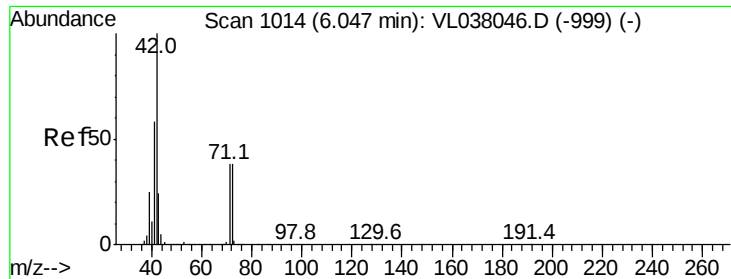
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#40
 1,4-Dioxane
 Concen: 8.065 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion: 88 Resp: 230331
 Ion Ratio Lower Upper
 88 100
 58 169.2 229.2 343.8#
 43 415.0 553.3 829.9#
 57 1800.3 2513.8 3770.8#



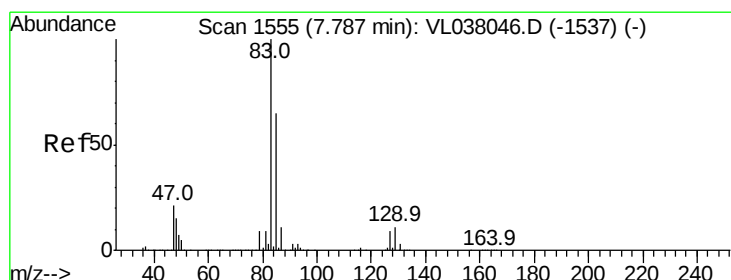
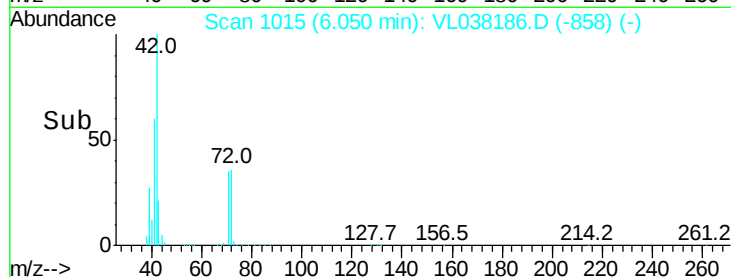
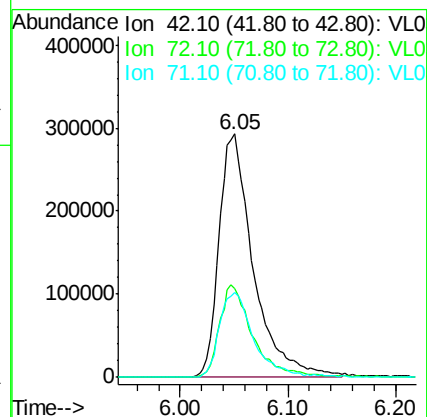
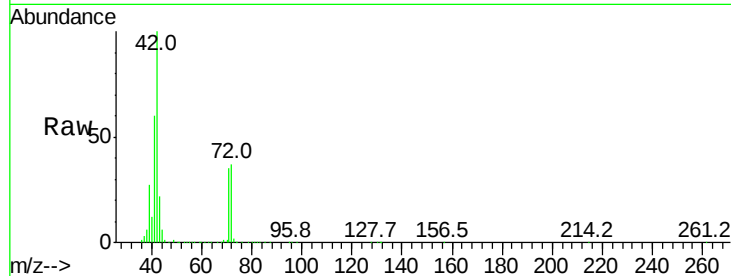


#41
Tetrahydrofuran
Concen: 9.004 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
42 100
72 37.
71 35.

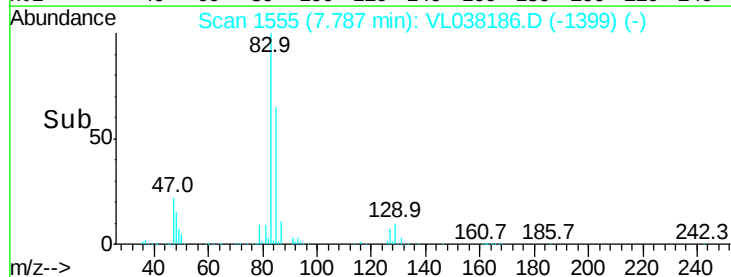
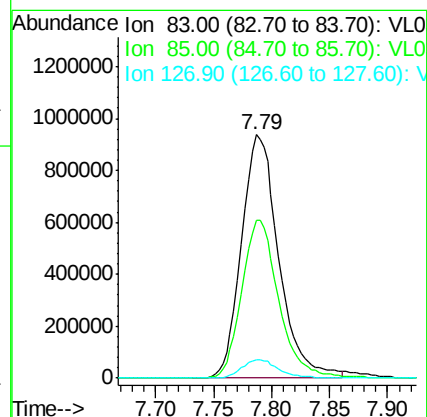
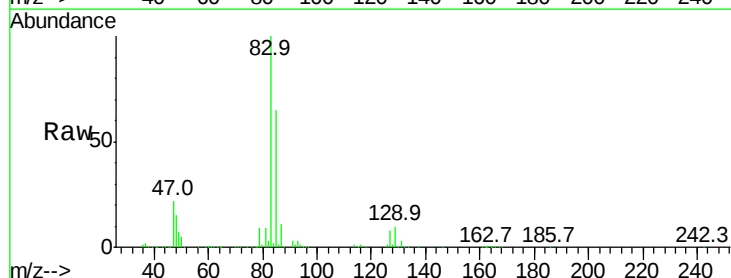
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APPROVED

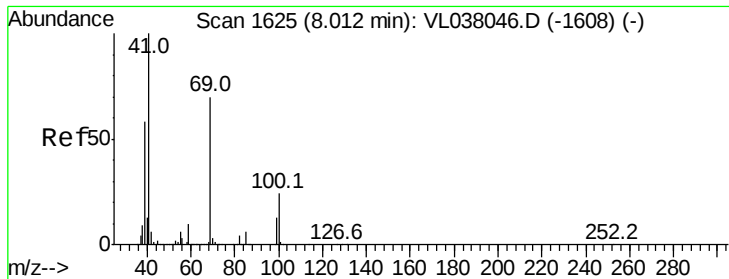
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#42
Bromodichloromethane
Concen: 10.000 ppbv
RT: 7.79 min Scan# 1555
Delta R.T.: 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 83 Resp: 2098180
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 7.5 6.8 10.2



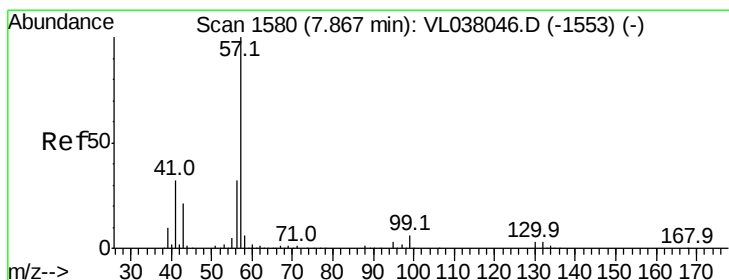
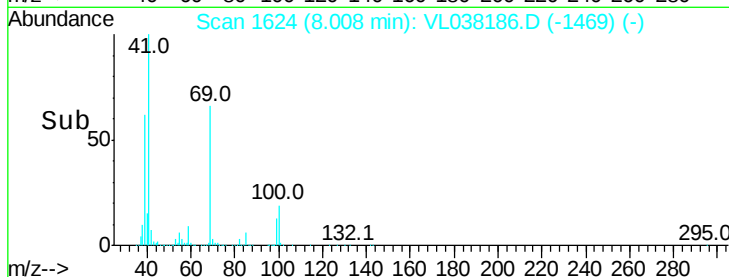
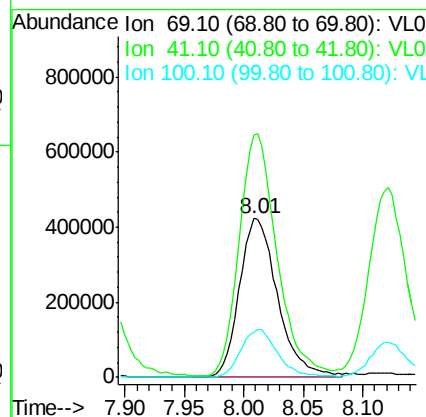
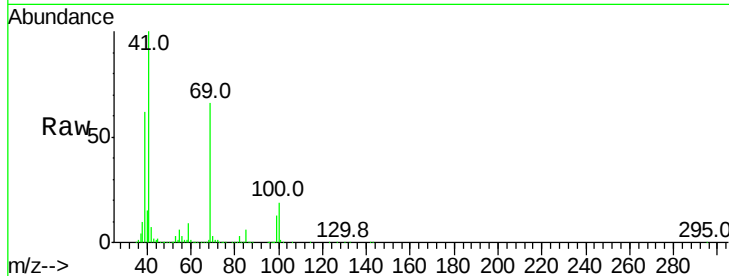


#43
Methvl Methacrylate
Concen: 9.654 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
69 100
41 152.
100 29.

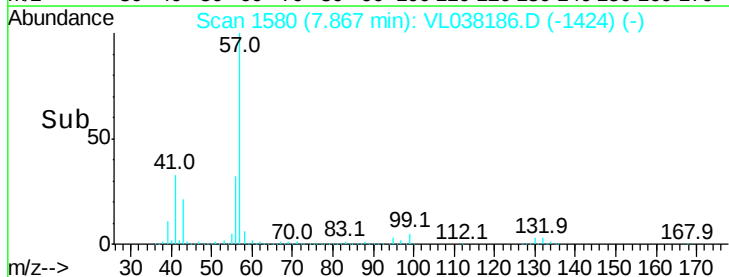
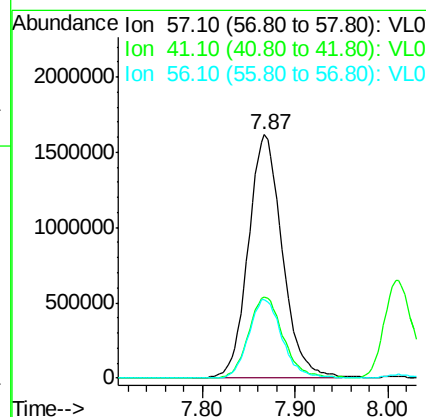
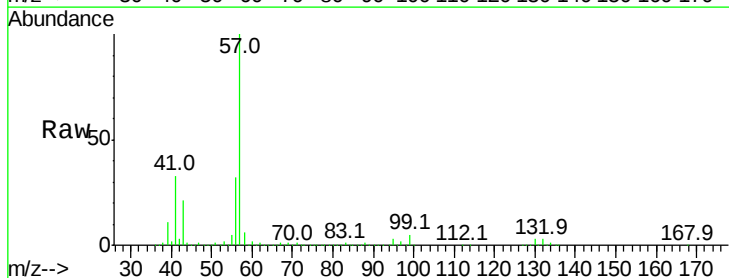
Manual Integrations
APPROVED

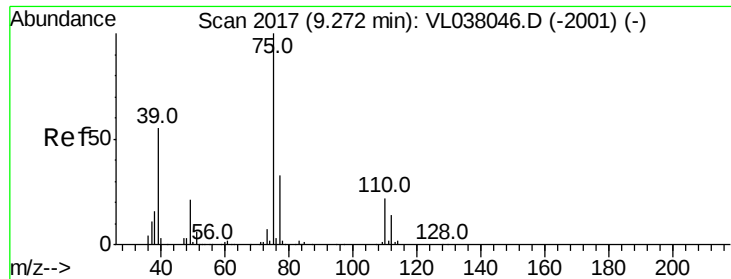
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#44
2,2,4-Trimethylpentane
Concen: 8.643 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 57 Resp: 4132222
Ion Ratio Lower Upper
57 100
41 33.8 25.8 38.6
56 31.8 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 10.829 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35 VL1216ABS01

Tot Ion:

Ion Ratio

75 100

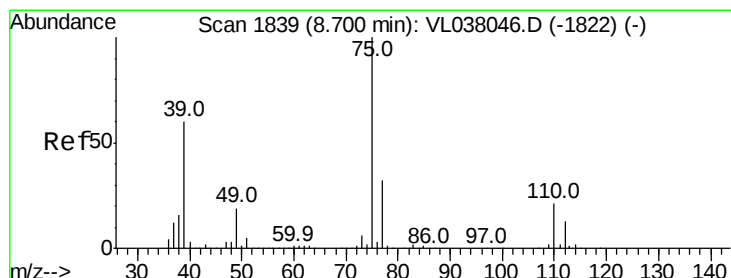
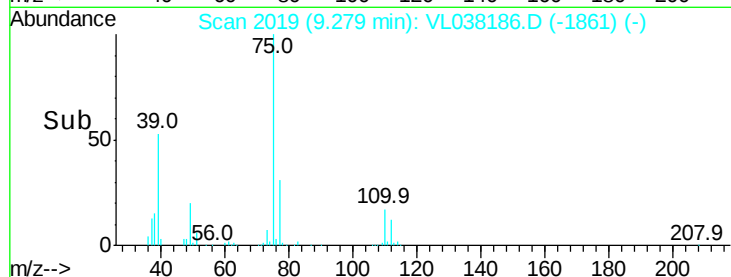
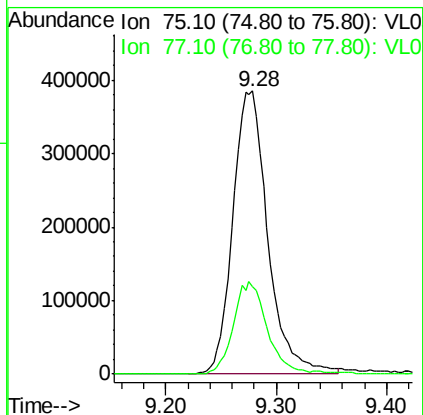
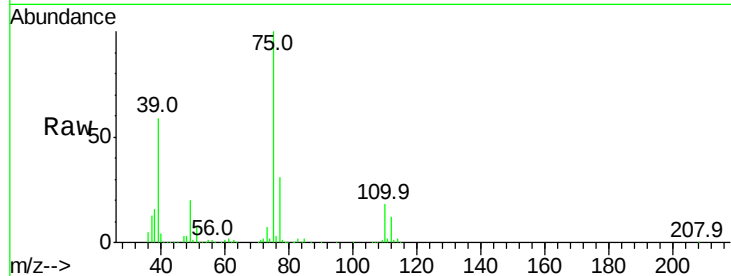
77 30.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#46

cis-1,3-Dichloropropene

Concen: 10.026 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

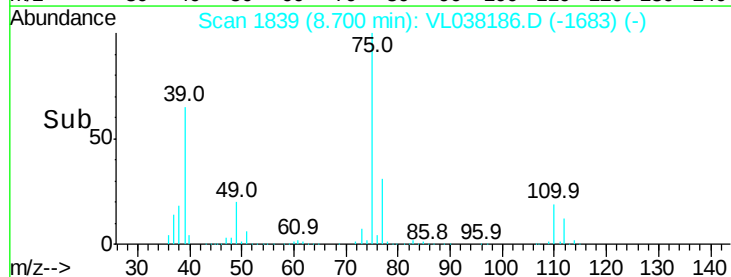
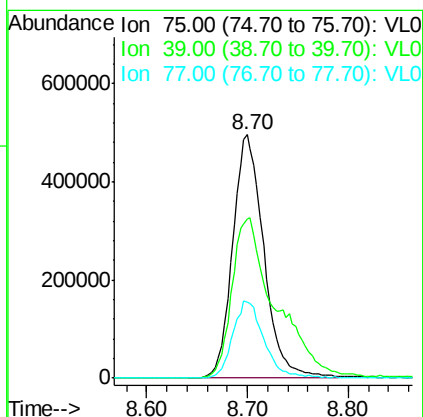
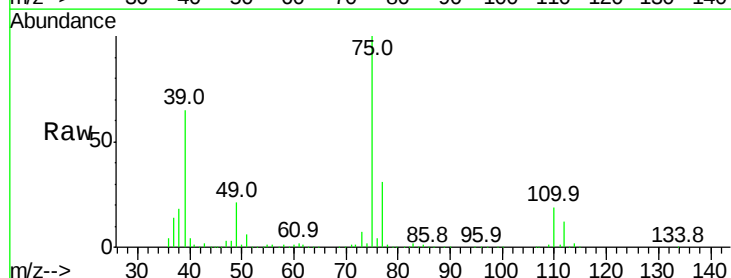
Tgt Ion: 75 Resp: 1063395

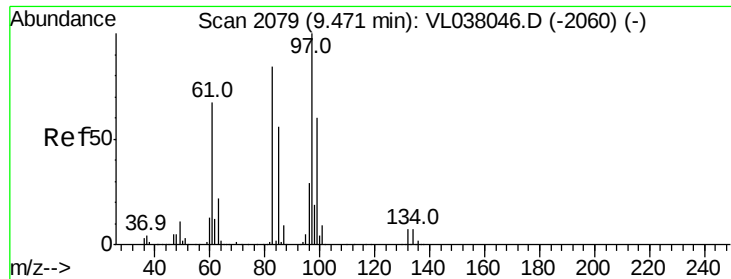
Ion Ratio Lower Upper

75 100

39 65.3 47.8 71.8

77 31.2 25.5 38.3



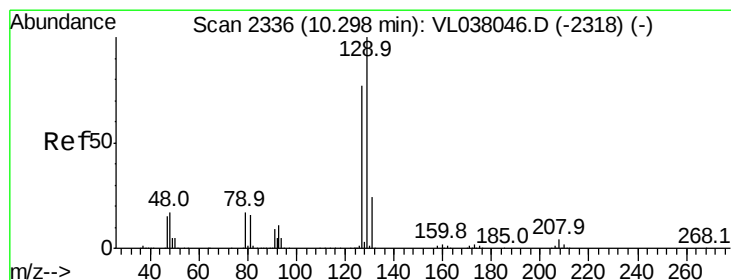
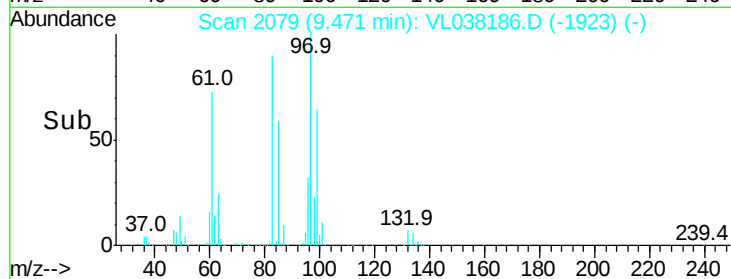
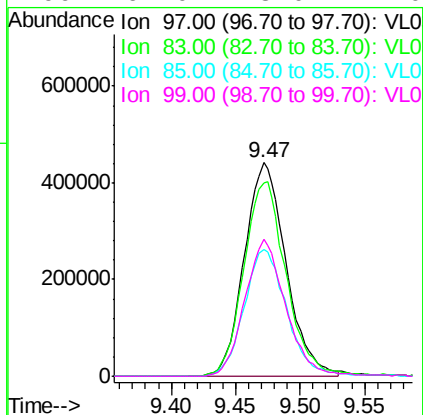
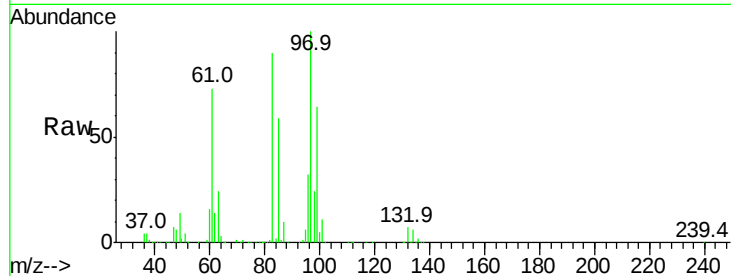


#47
 1,1,2-Trichloroethane
 Concen: 8.670 ppbv
 RT: 9.47 min
 Delta R.T.: 0.00 min
 Lab File: VL1216ABS01
 Acq: 16 Dec 2021 12:35

Manual Integrations
 APPROVED

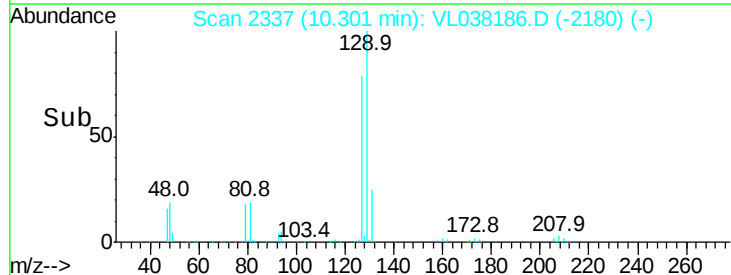
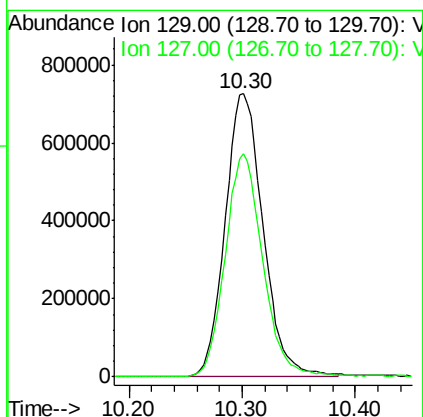
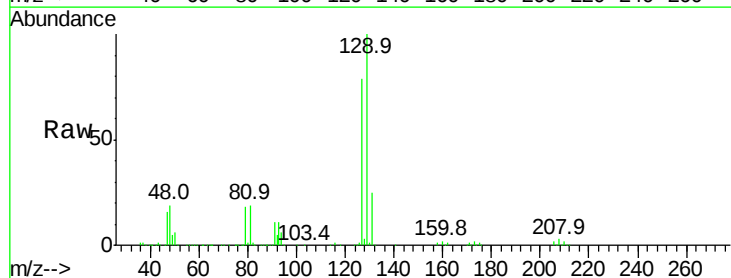
Tot Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio: 100.0
 83.00 (82.70 to 83.70): VL0
 85.00 (84.70 to 85.70): VL0
 85.00 (84.70 to 85.70): VL0
 99.00 (98.70 to 99.70): VL0

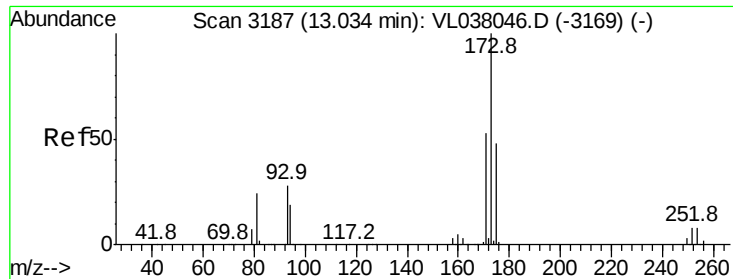
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#48
 Dibromochloromethane
 Concen: 9.697 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T.: 0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion:129 Resp: 1695373
 Ion Ratio Lower Upper
 129 100
 127 78.4 39.4 118.1





#49

Bromoform

Concen: 10.278 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:1

Ion Ratio

173 100

175 51.

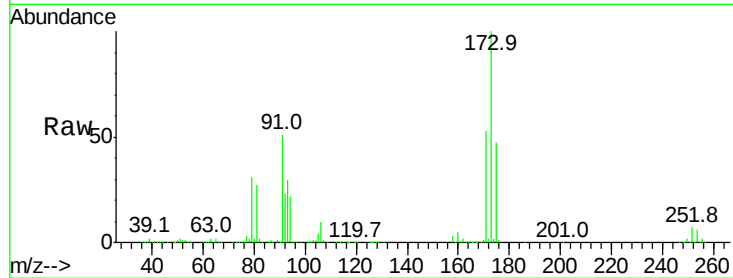
171 54.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

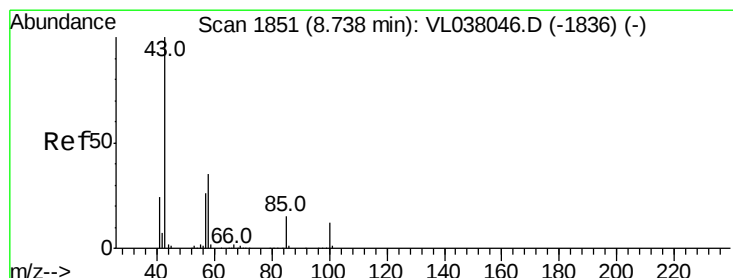
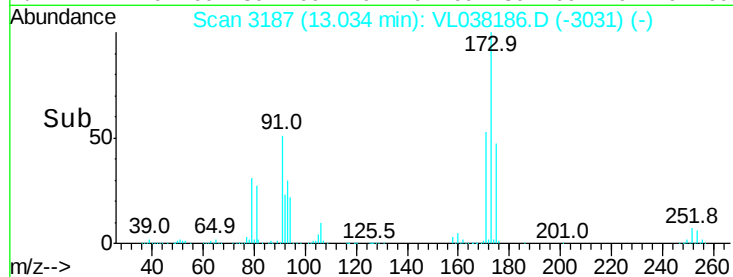
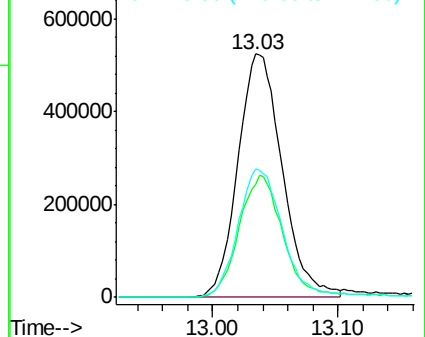
Supervised By :Mahesh Dadoda 12/20/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.158 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL038186.D

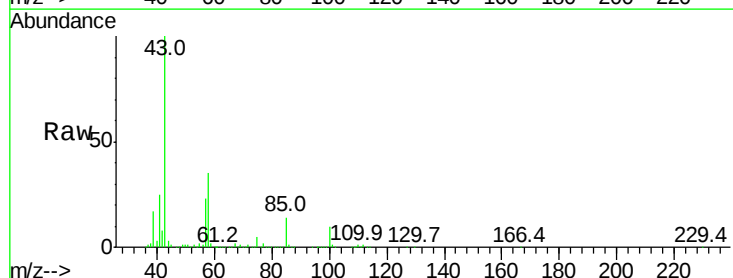
Acq: 16 Dec 2021 12:35

Tgt Ion: 43 Resp: 1781956

Ion Ratio Lower Upper

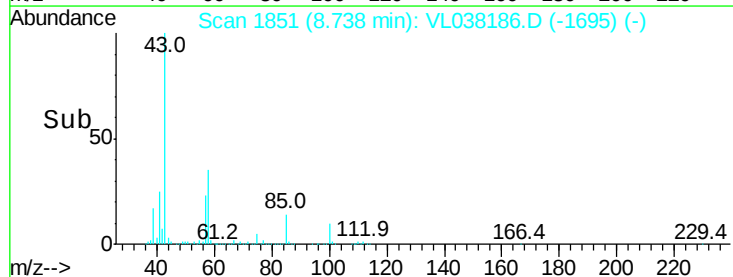
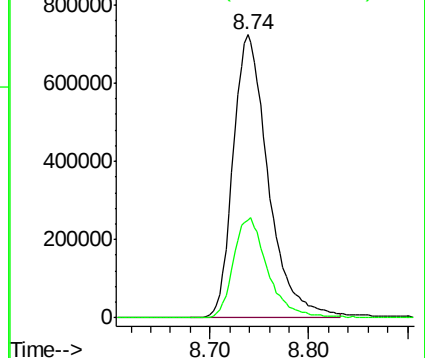
43 100

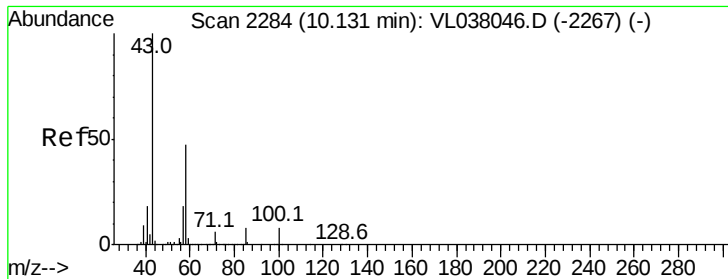
58 35.1 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.296 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

43 100

58 48.

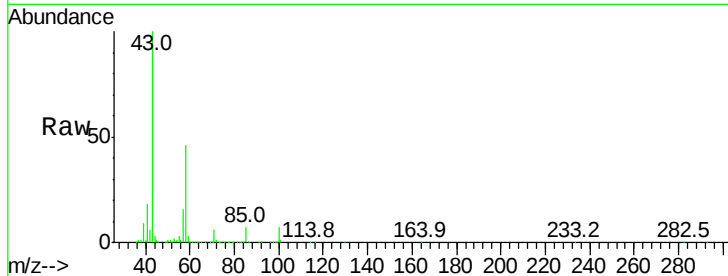
98 0.

Manual Integrations

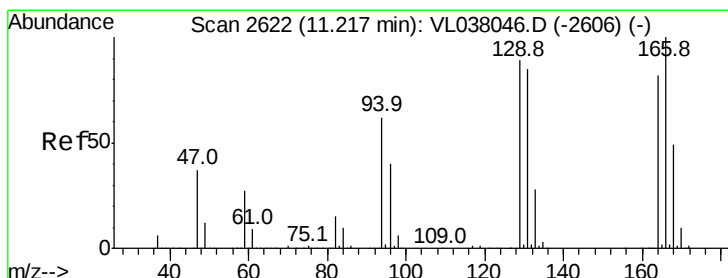
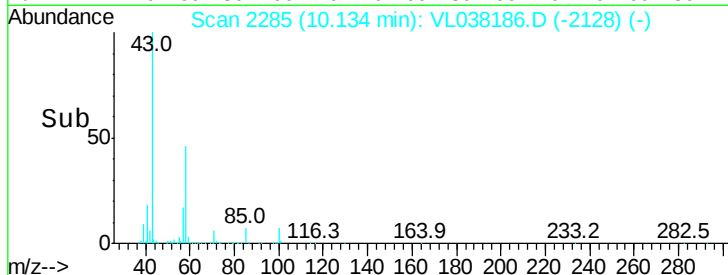
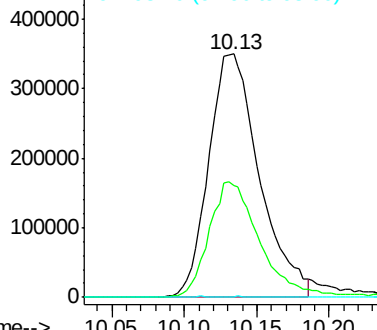
APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 7.717 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

Tgt Ion:164 Resp: 815914

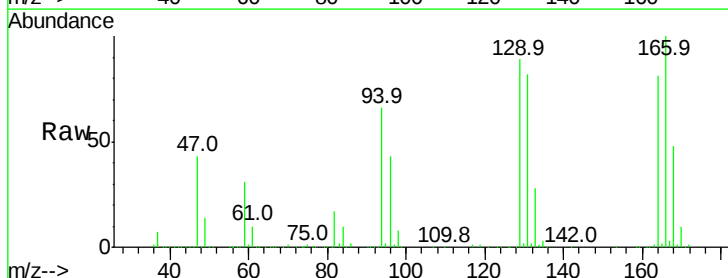
Ion Ratio Lower Upper

164 100

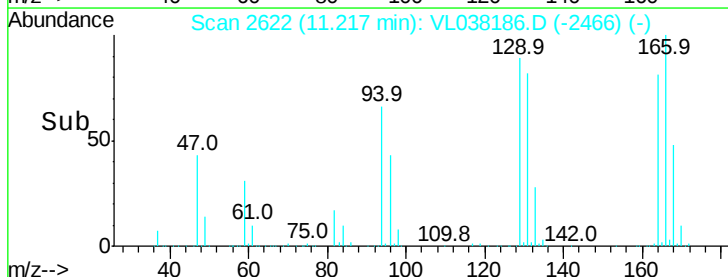
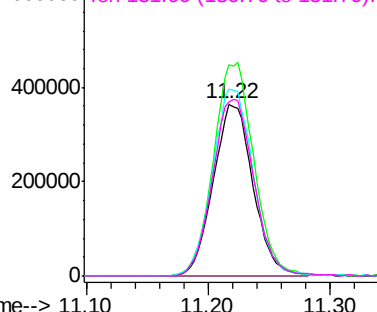
166 123.2 97.2 145.8

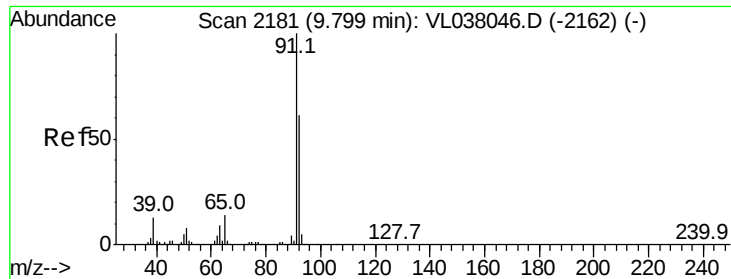
129 109.1 86.9 130.3

131 101.1 82.8 124.2



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 8.578 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Dec 2021 12:35

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

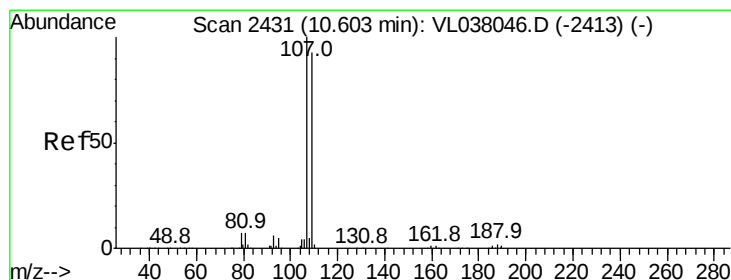
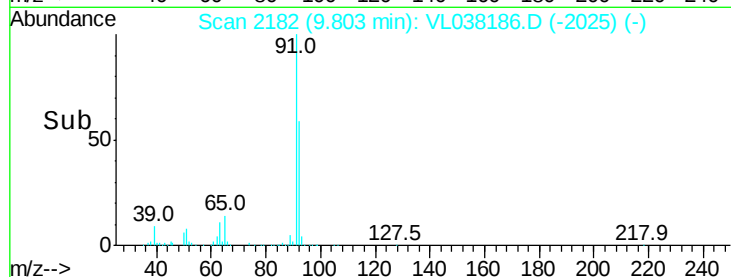
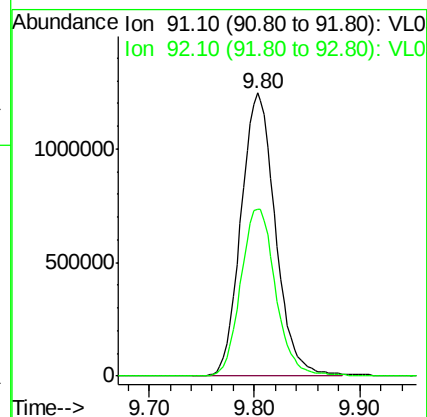
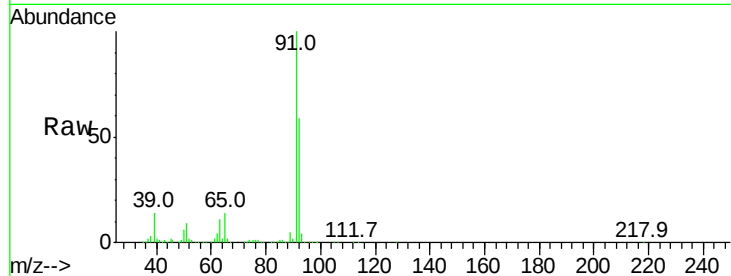
Supervised By :Mahesh Dadoda 12/20/2021

Tot Ion:

Ion Ratio

91 100

92 60.



#54

1,2-Dibromoethane

Concen: 9.116 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL038186.D

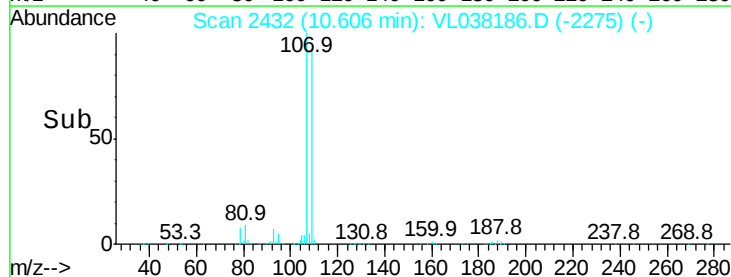
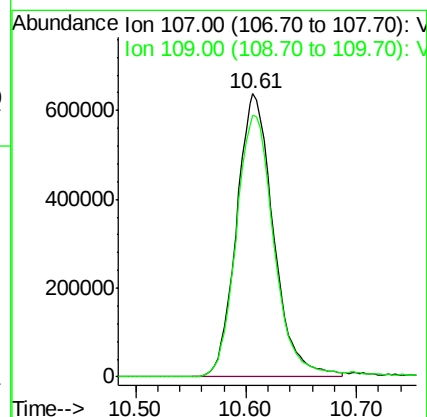
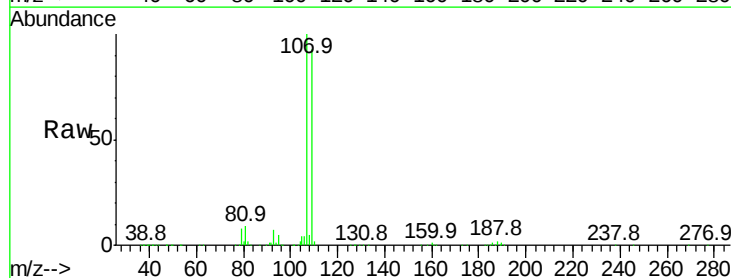
Acq: 16 Dec 2021 12:35

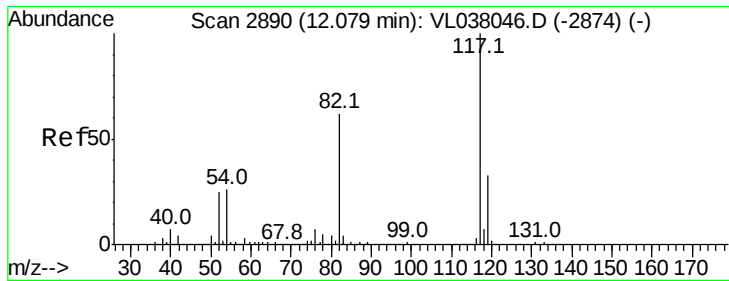
Tgt Ion:107 Resp: 1478289

Ion Ratio Lower Upper

107 100

109 92.6 74.6 111.8



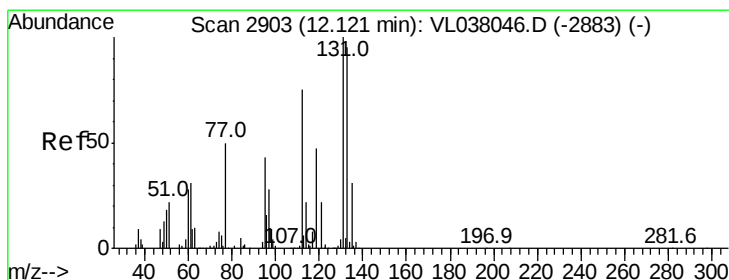
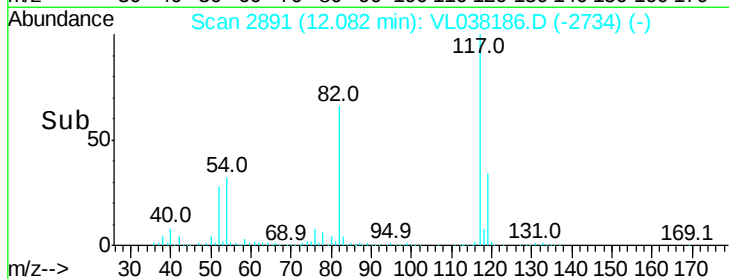
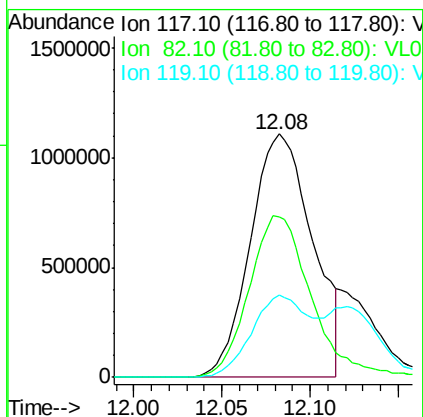
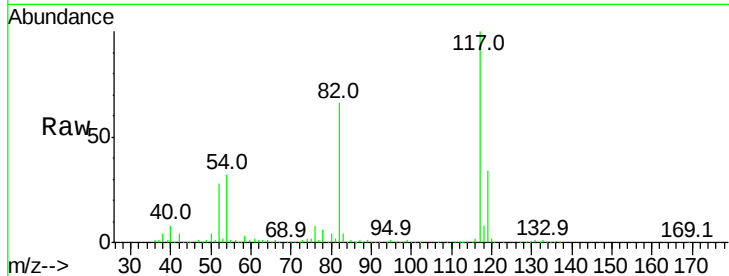


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled :
VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:1
Ion Rati
117 100
82 68.
119 29.

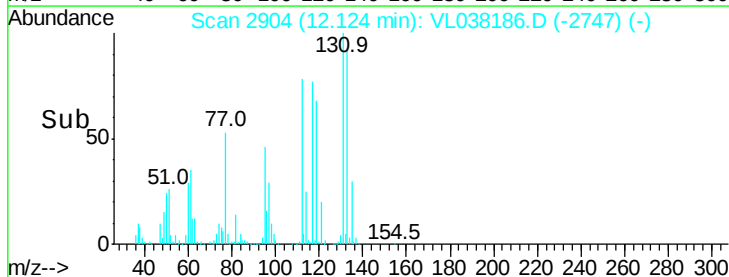
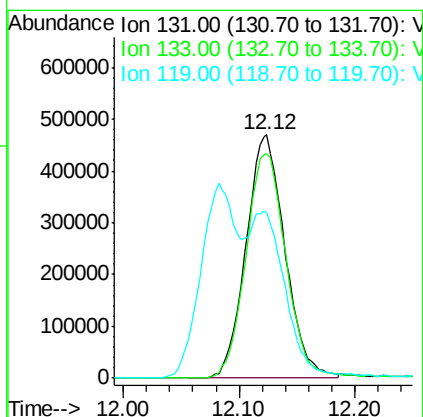
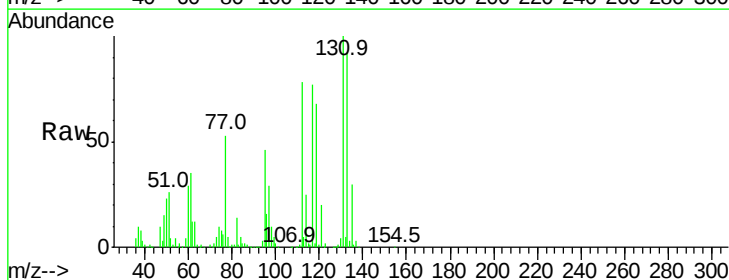
Manual Integrations
APPROVED

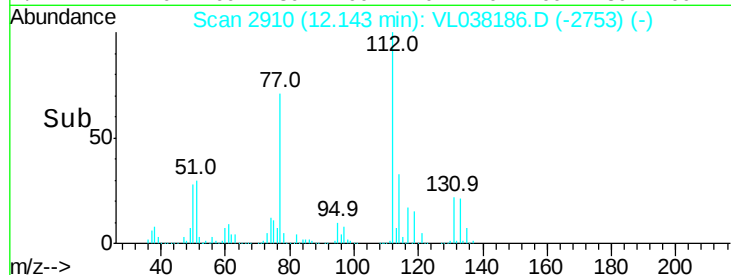
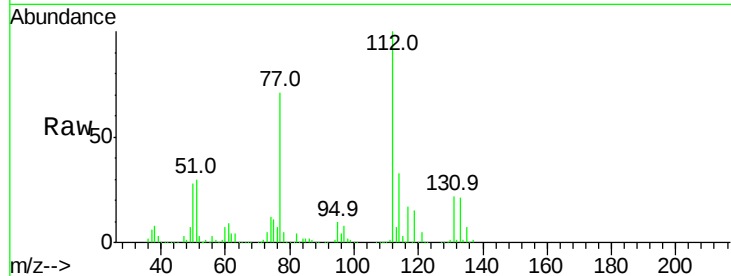
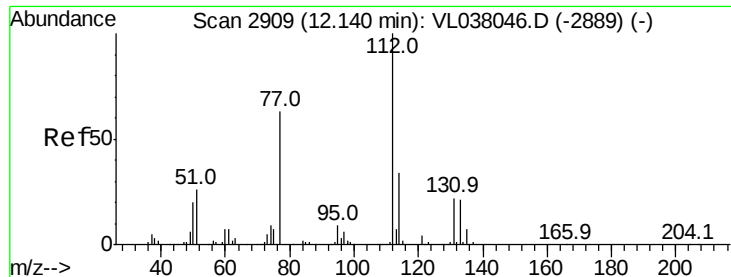
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.883 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion:131 Resp: 1093914
Ion Ratio Lower Upper
131 100
133 96.8 78.8 118.2
119 64.1 56.3 84.5



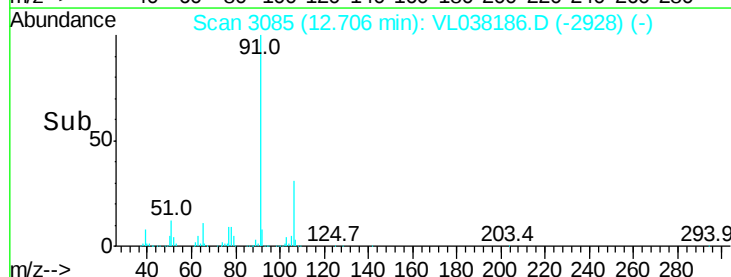
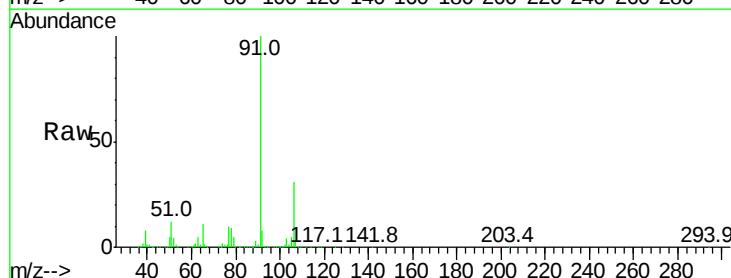
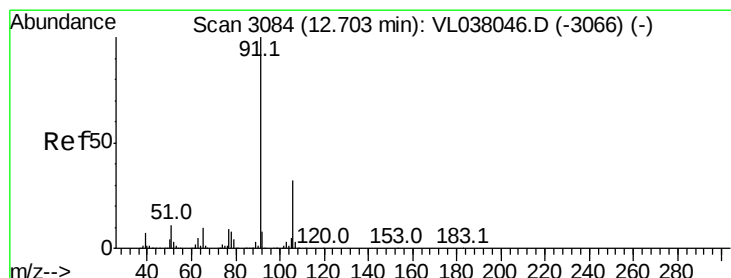
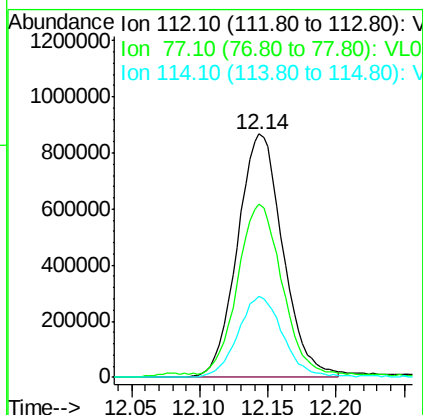


#57
Chlorobenzene
Concen: 8.230 ppbv
RT: 12.14 min
Delta R.T.: 0.00 min
Lab File: VL1216ABS01
Acq: 16 Dec 2021 12:35

Manual Integrations
APPROVED

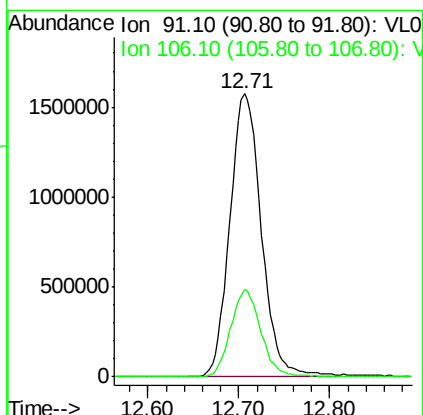
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021

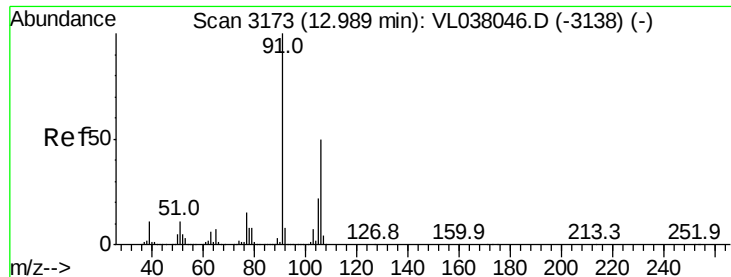
Tot Ion:1
Ion Rati
112 100
77 70.
114 32.



#58
Ethyl Benzene
Concen: 8.462 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 91 Resp: 3793840
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



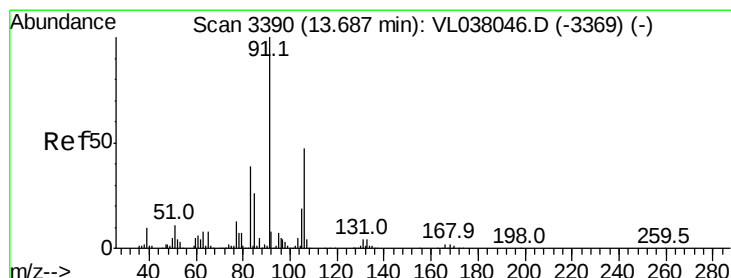
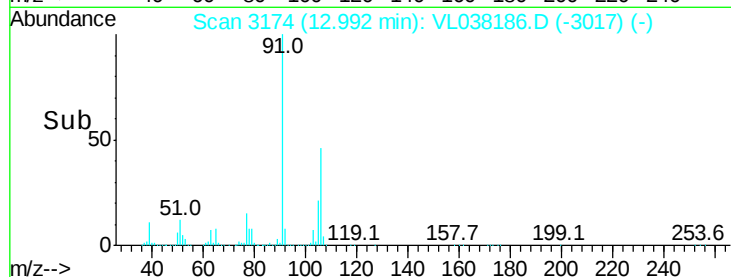
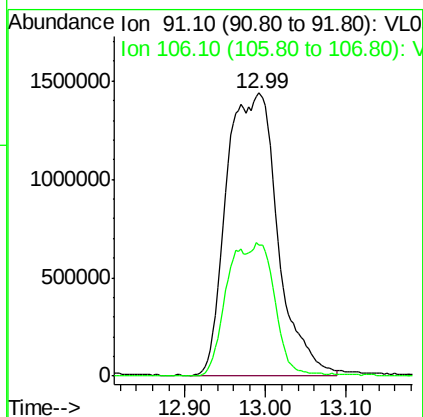
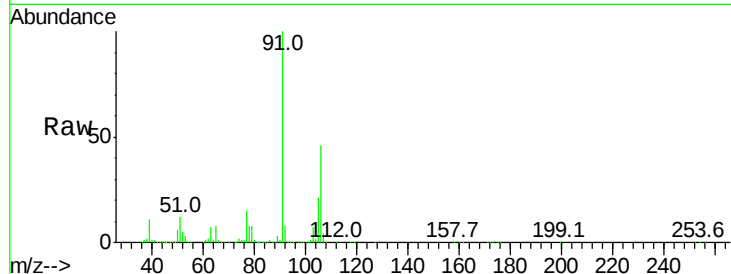


#59
m/p-Xylene
Concen: 16.683 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
91 100
106 43.

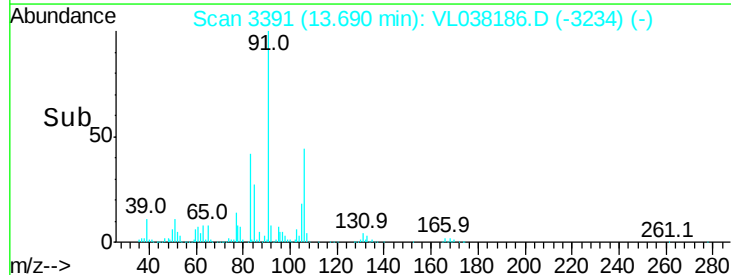
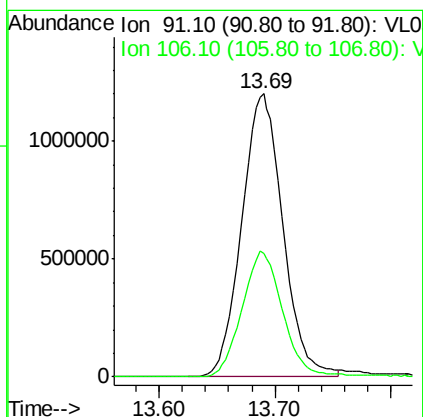
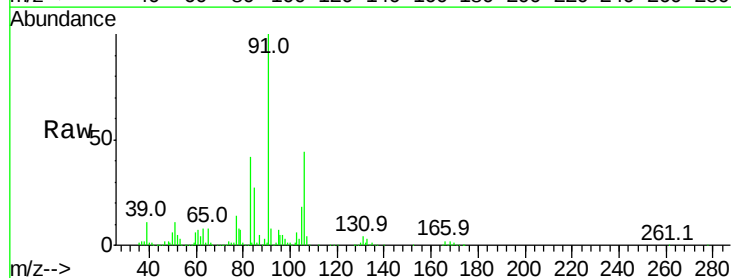
Manual Integrations
APPROVED

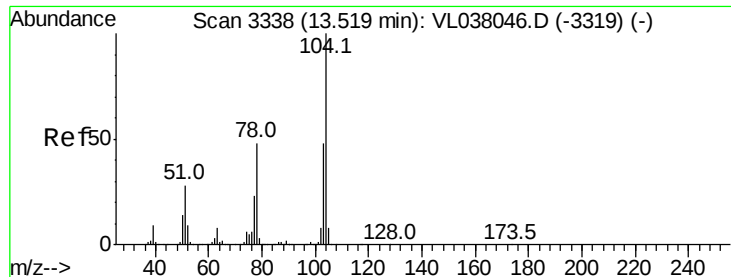
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#60
o-Xylene
Concen: 8.443 ppbv
RT: 13.69 min Scan# 3391
Delta R.T.: 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion: 91 Resp: 2956098
Ion Ratio Lower Upper
91 100
106 44.6 24.2 72.6



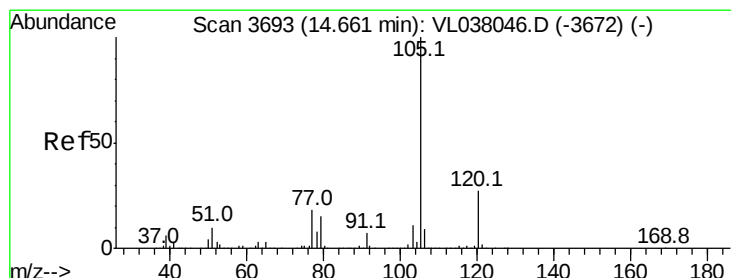
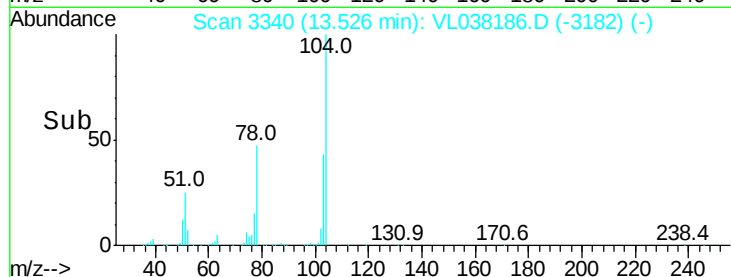
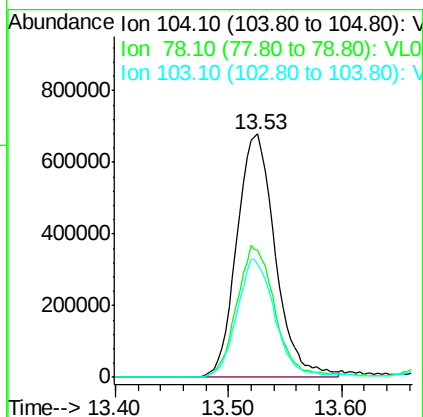
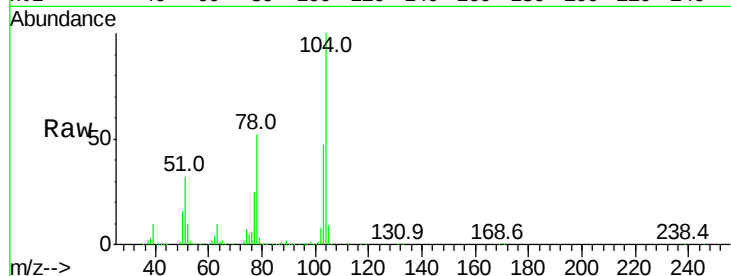


#61
Stvrene
Concen: 8.572 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 16 Dec 2021 12:35

Tot Ion:1
Ion Rati
104 100
78 54.
103 48.

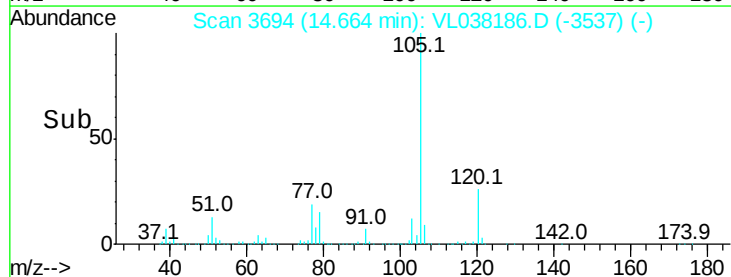
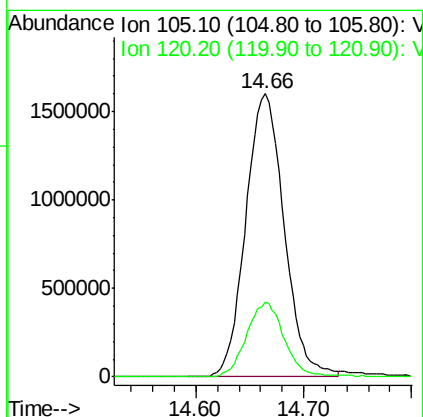
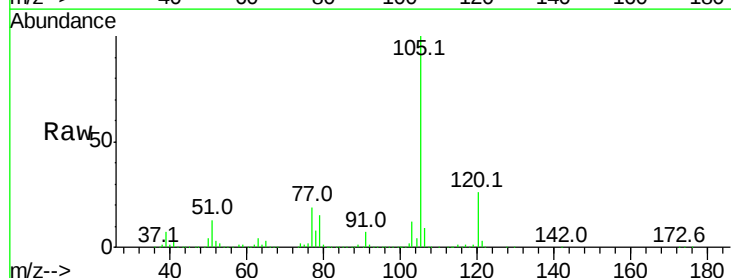
Manual Integrations
APPROVED

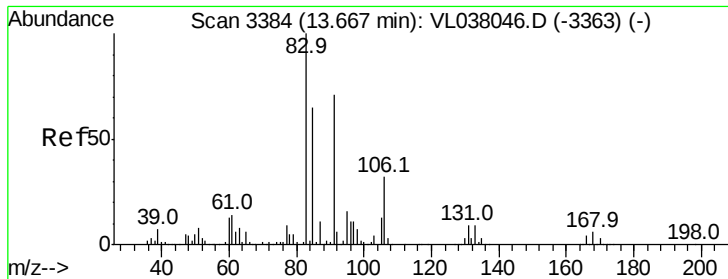
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#62
Isopropylbenzene
Concen: 7.983 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion:105 Resp: 3967478
Ion Ratio Lower Upper
105 100
120 26.2 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 8.406 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:

Ion Ratio

83 100

131 9.

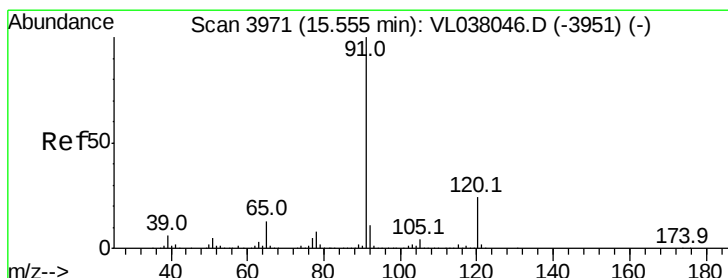
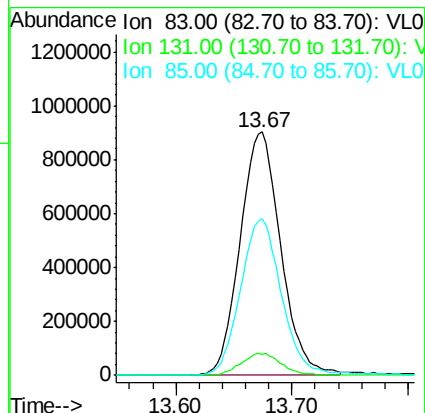
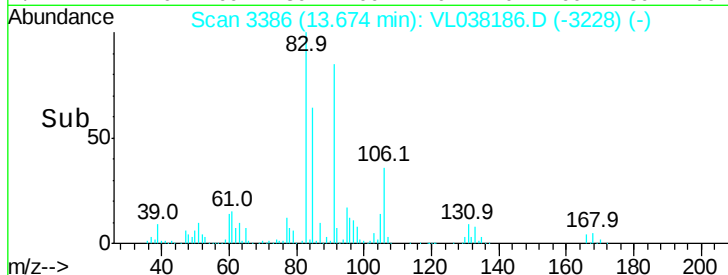
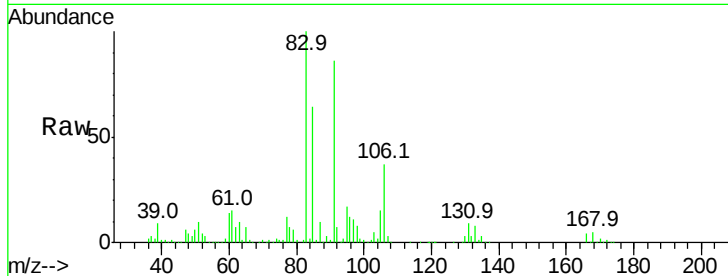
85 66.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#64

n-propylbenzene

Concen: 8.156 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL038186.D

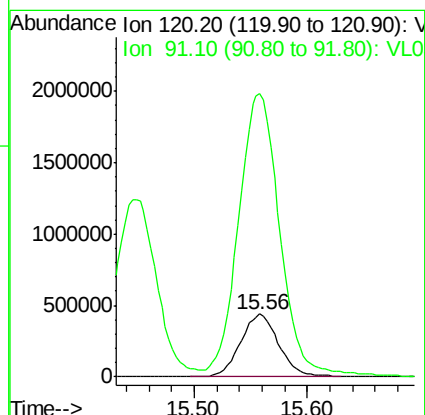
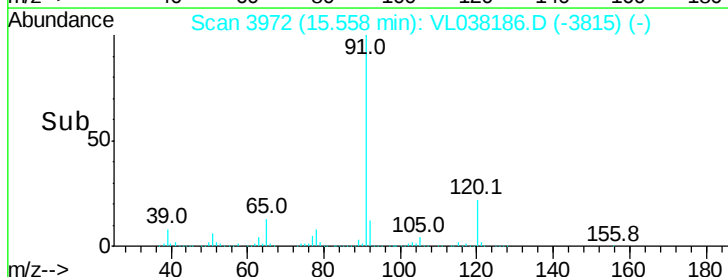
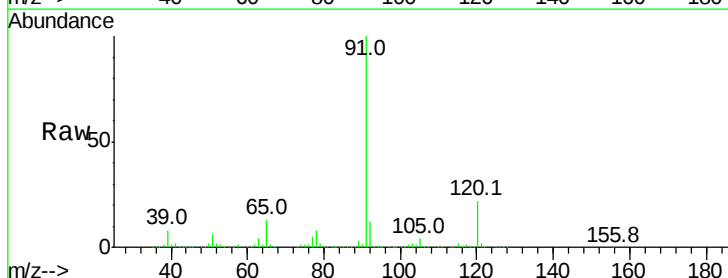
Acq: 16 Dec 2021 12:35

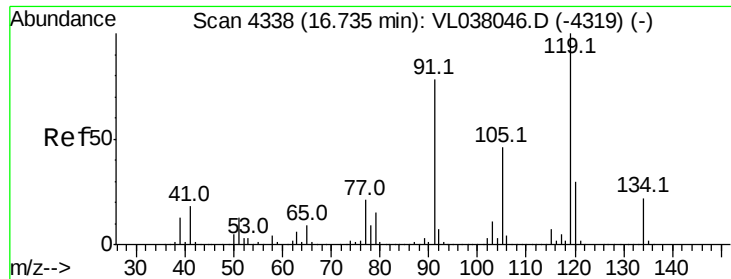
Tgt Ion:120 Resp: 1032575

Ion Ratio Lower Upper

120 100

91 489.3 371.7 557.5



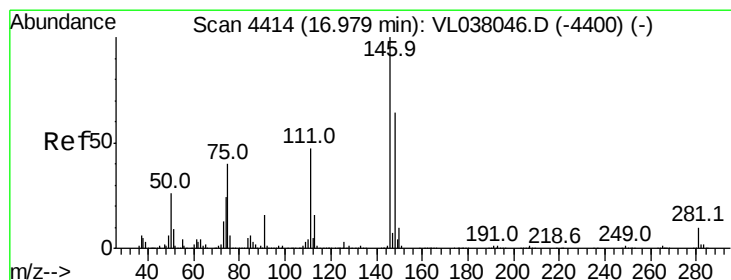
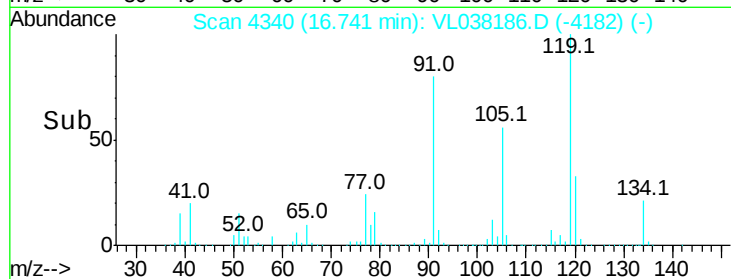
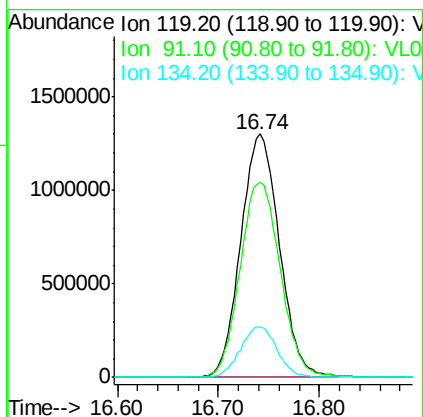
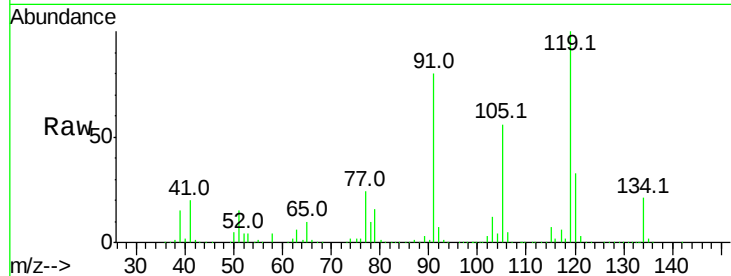


#65
 tert-Butylbenzene
 Concen: 7.904 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1216ABS01
 Acq: 16 Dec 2021 12:35

Tot Ion: 1
 Ion Ratio
 119 100
 91 84.1
 134 19.1

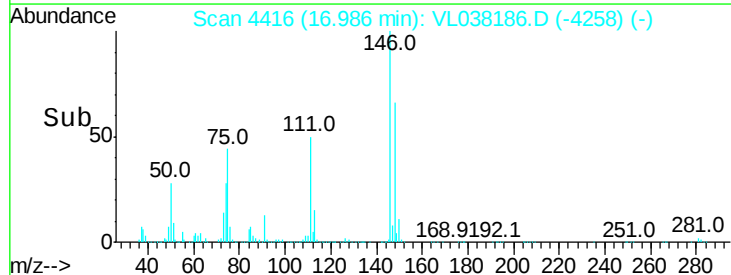
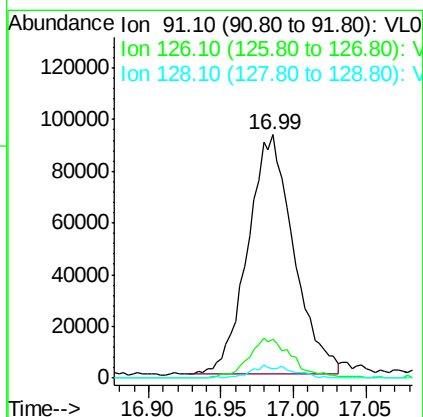
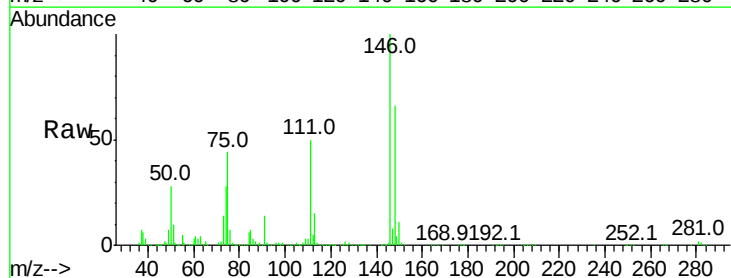
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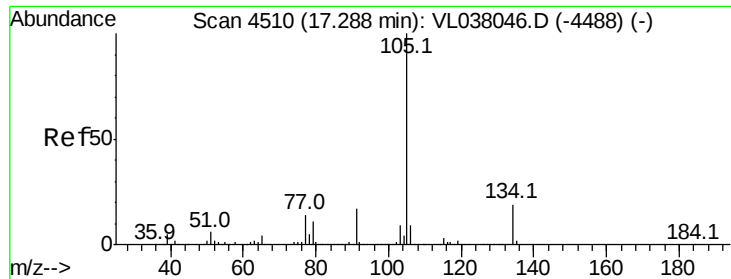
Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021



#66
 Benzyl Chloride
 Concen: 9.212 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.01 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion: 91 Resp: 204432
 Ion Ratio Lower Upper
 91 100
 126 16.3 15.5 23.3
 128 5.3 5.6 8.4#





#67

sec-Butylbenzene

Concen: 8.025 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:1

Ion Ratio

105 100

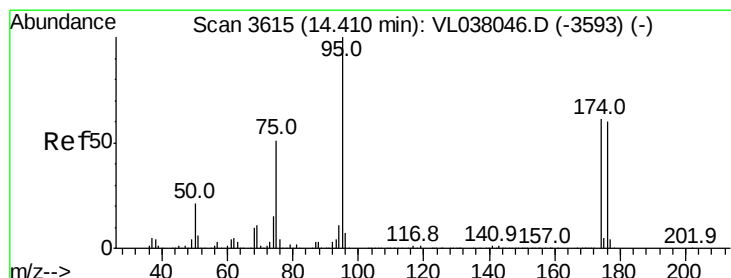
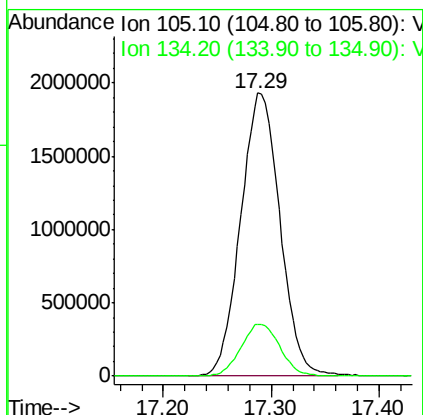
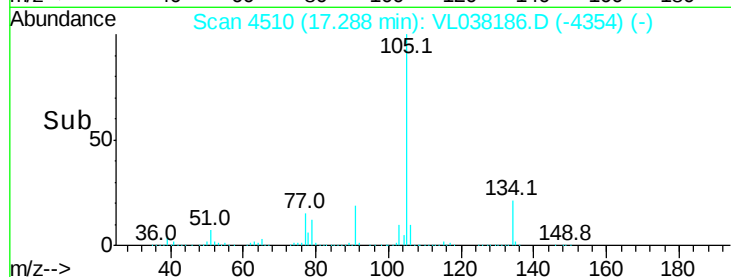
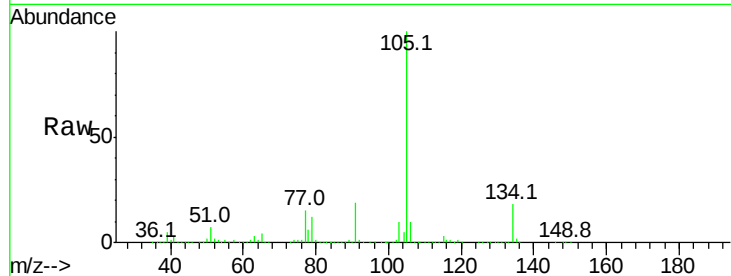
134 18.

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.948 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

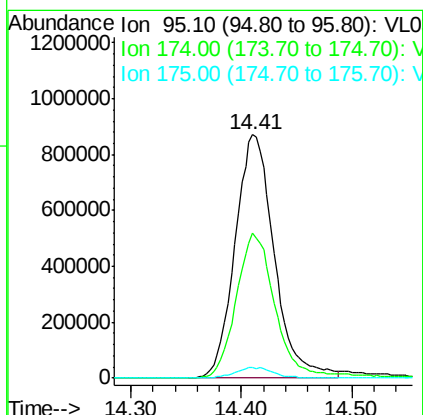
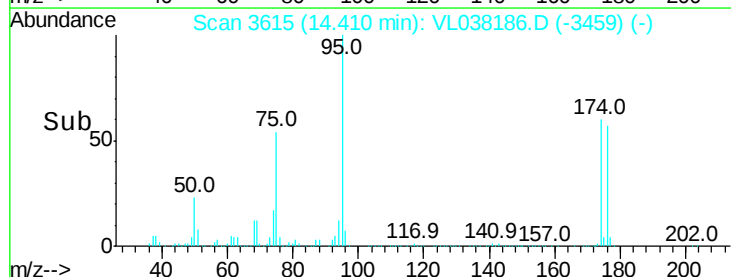
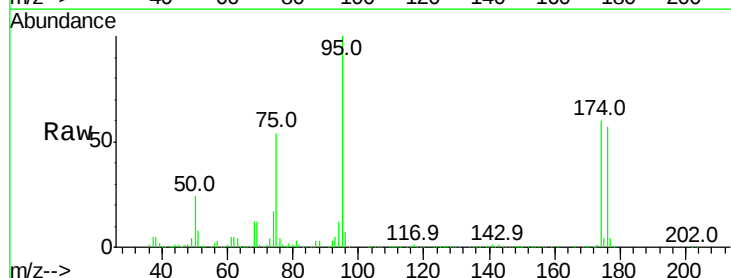
Tgt Ion: 95 Resp: 2142116

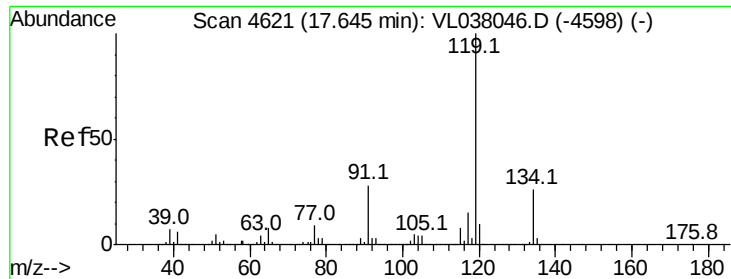
Ion Ratio Lower Upper

95 100

174 60.8 53.1 79.7

175 4.4 4.0 6.0



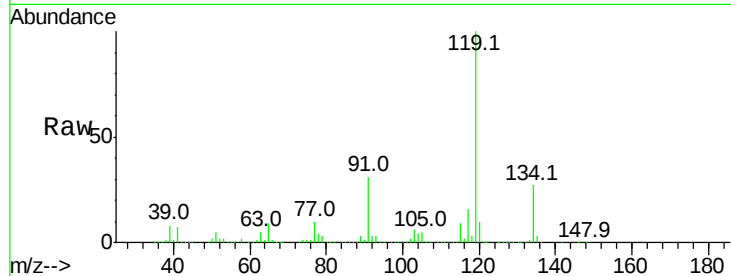


#69
 p-Isopropyltoluene
 Concen: 8.381 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1216ABS01
 Acq: 16 Dec 2021 12:35

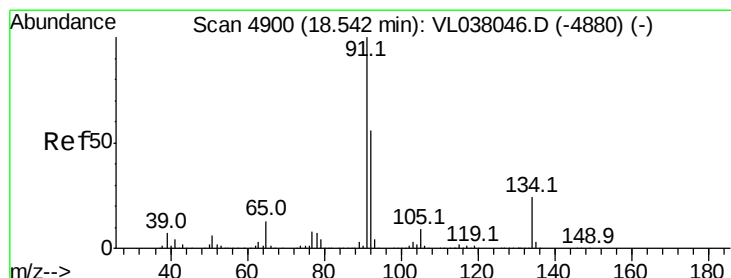
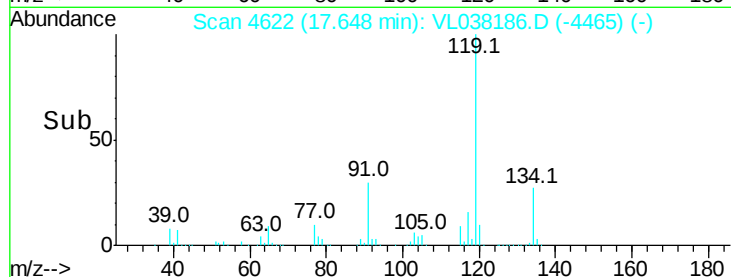
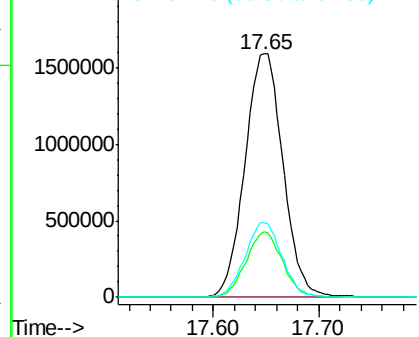
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

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

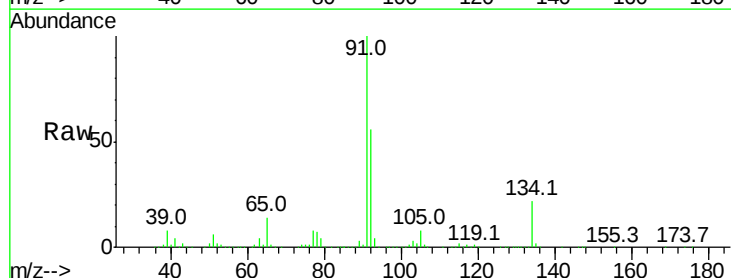


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

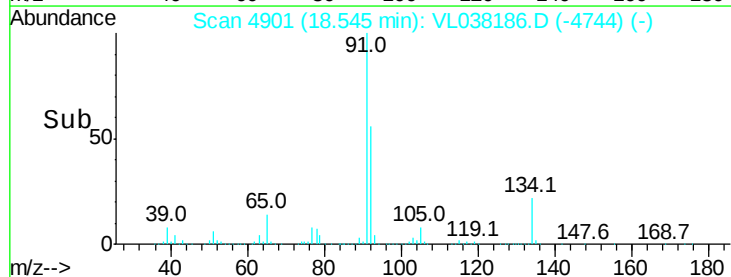
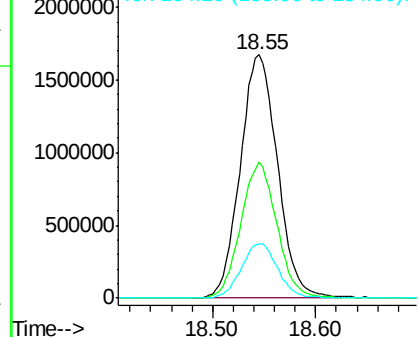


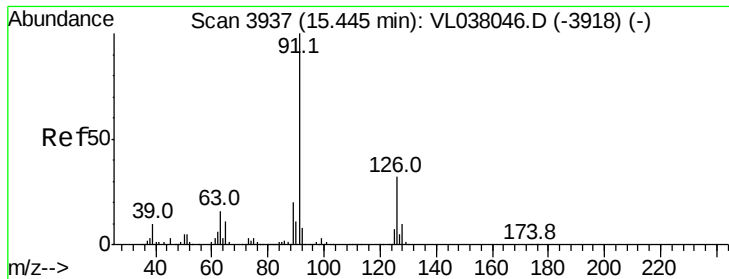
#70
 n-Butylbenzene
 Concen: 9.182 ppbv
 RT: 18.55 min Scan# 4901
 Delta R.T. 0.00 min
 Lab File: VL038186.D
 Acq: 16 Dec 2021 12:35

Tgt Ion: 91 Resp: 4189767
 Ion Ratio Lower Upper
 91 100
 92 54.3 44.1 66.1
 134 22.2 18.9 28.3



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



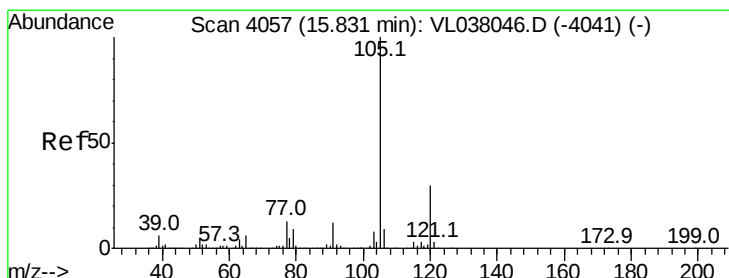
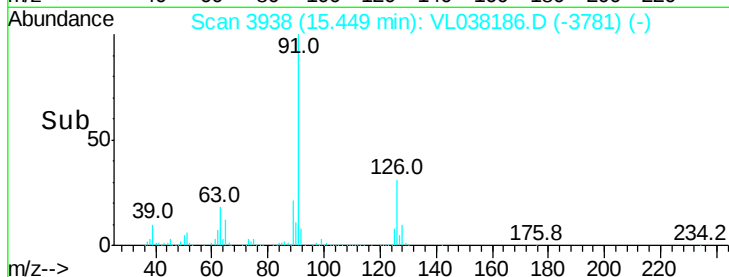
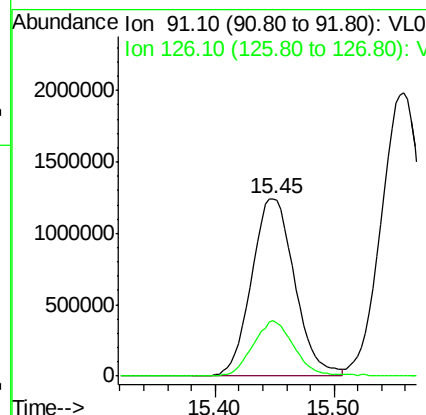
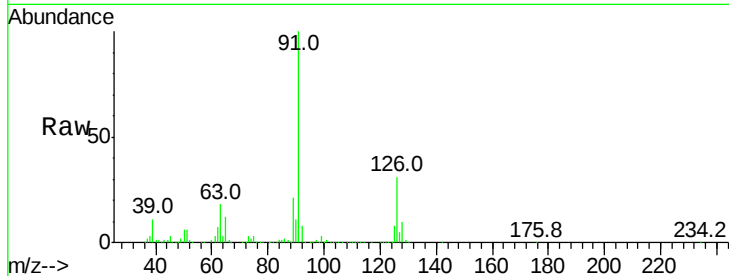


#71
2-Chlorotoluene
Concen: 8.575 ppbv
RT: 15.45 min
Delta R.T.: 0.00 min
Lab File: VL1216ABS01
Acq: 16 Dec 2021 12:35

Tot Ion:
Ion Ratio
91 100
126 30.

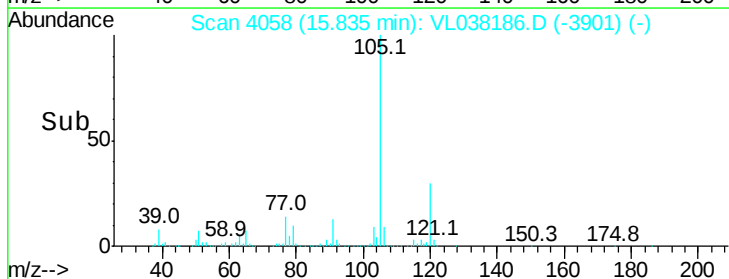
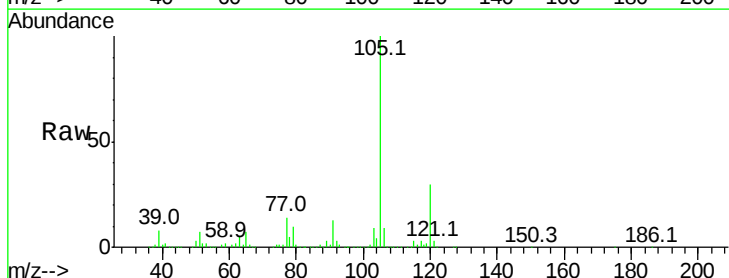
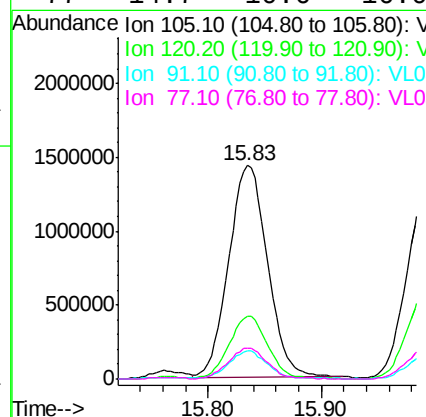
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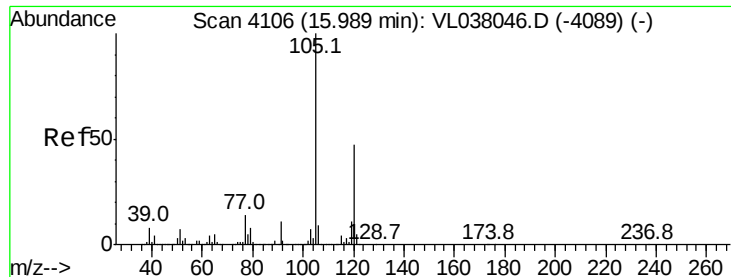
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#72
4-Ethyltoluene
Concen: 8.470 ppbv
RT: 15.83 min Scan# 4058
Delta R.T.: 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion:105 Resp: 3438352
Ion Ratio Lower Upper
105 100
120 29.7 25.1 37.7
91 13.1 9.7 14.5
77 14.7 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 8.293 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:1

Ion Rati

105 100

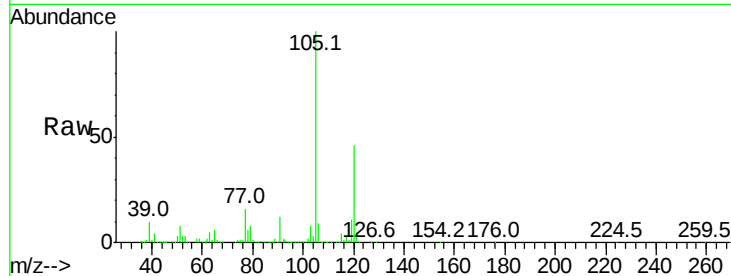
120 45.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

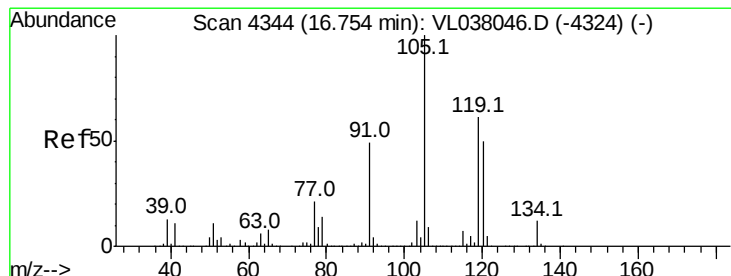
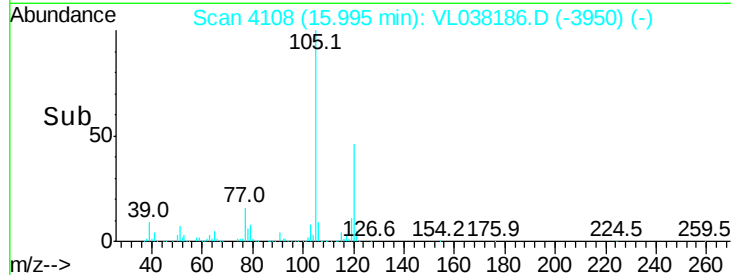
1500000

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.466 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.01 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

Tgt Ion:105 Resp: 3234508

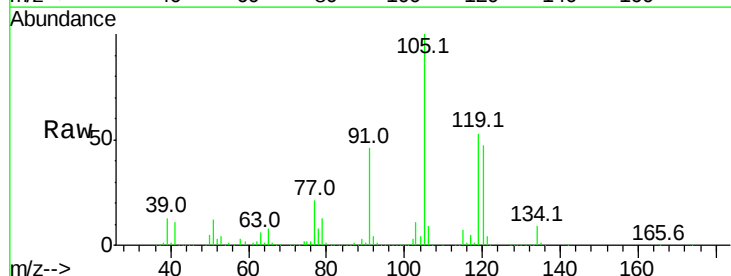
Ion Ratio Lower Upper

105 100

120 46.9 40.1 60.1

91 45.4 39.8 59.8

77 21.1 16.6 25.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2000000

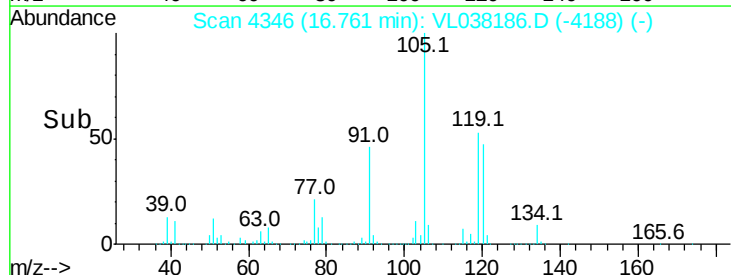
1500000

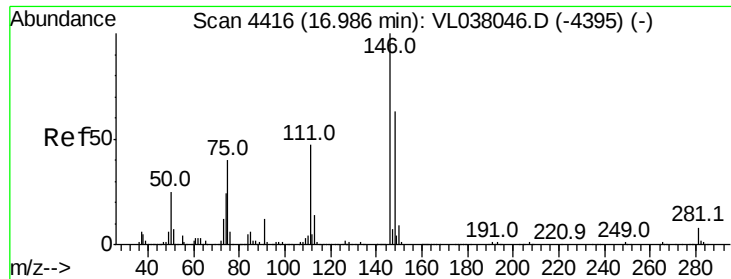
1000000

500000

0

Time-->





#75

1,3-Dichlorobenzene

Concen: 8.588 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Dec 2021 12:35

Tot Ion:1

Ion Rati

146 100

111 49.

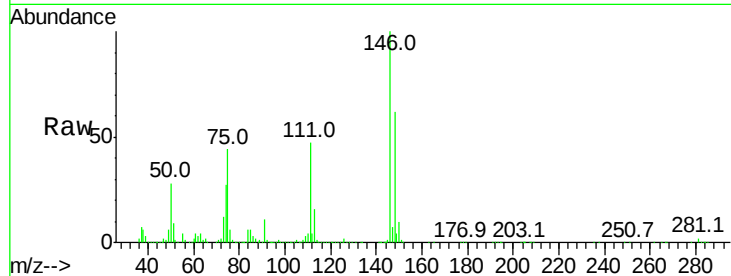
148 65.

Manual Integrations

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Reviewed By :Amit Patel 12/20/2021

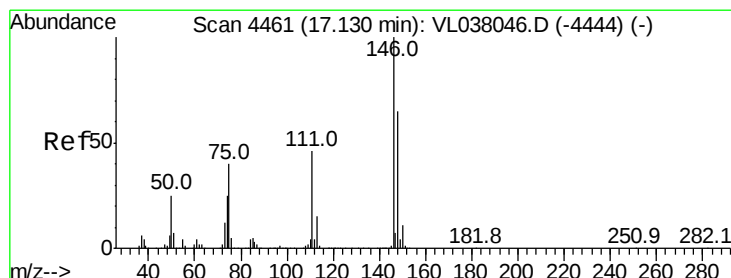
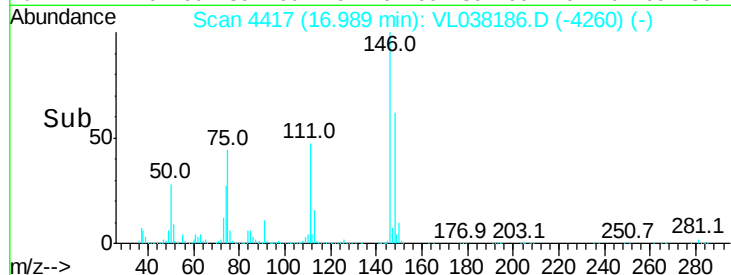
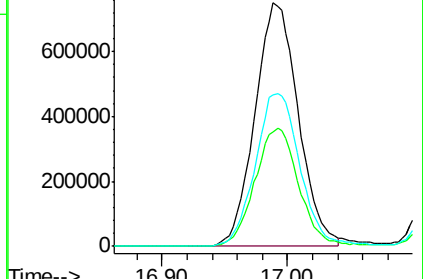
Supervised By :Mahesh Dadoda 12/20/2021



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: 8.241 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.01 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

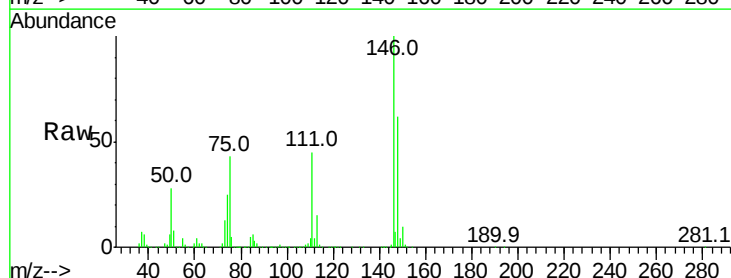
Tgt Ion:146 Resp: 1740311

Ion Ratio Lower Upper

146 100

111 48.8 23.8 71.5

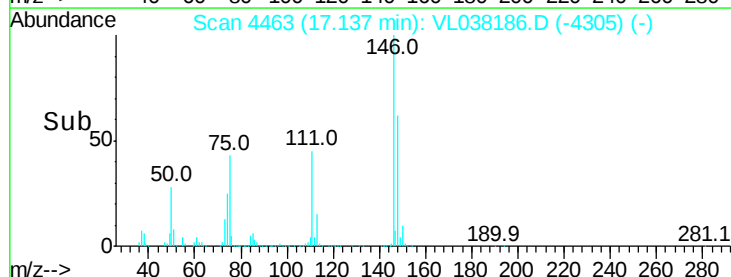
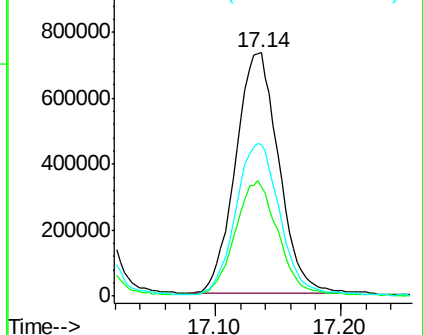
148 66.2 33.2 99.6

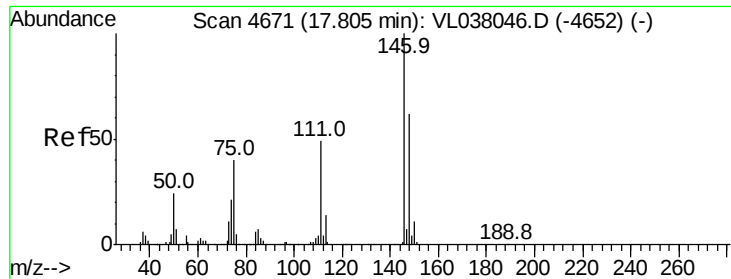


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.706 ppbv

RT: 17.81

Delta R.T. MSVOA_L

Lab File:

Acq: 16 Dec 2021 12:35

ClientSampleId :

VL1216ABS01

Tot Ion:1

Ion Rati

146 100

111 49.

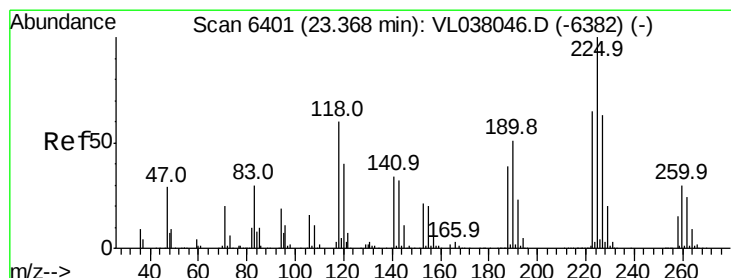
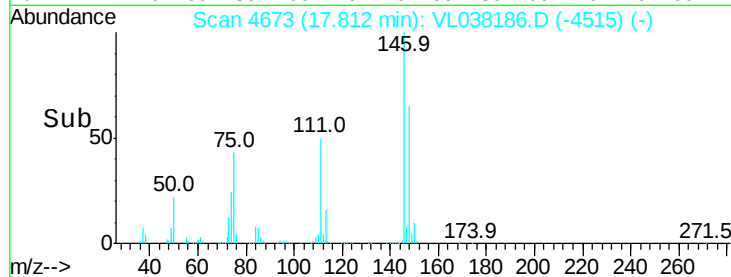
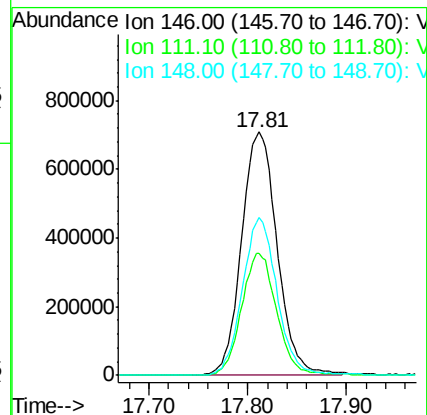
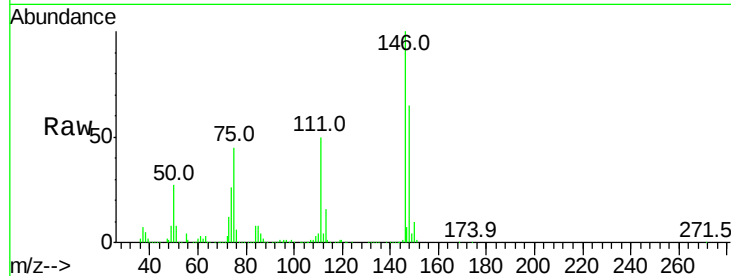
148 63.

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/20/2021

Supervised By :Mahesh Dadoda 12/20/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.288 ppbv

RT: 23.37 min Scan# 6402

Delta R.T. 0.00 min

Lab File: VL038186.D

Acq: 16 Dec 2021 12:35

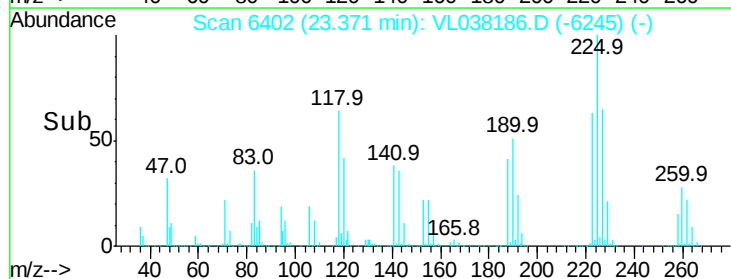
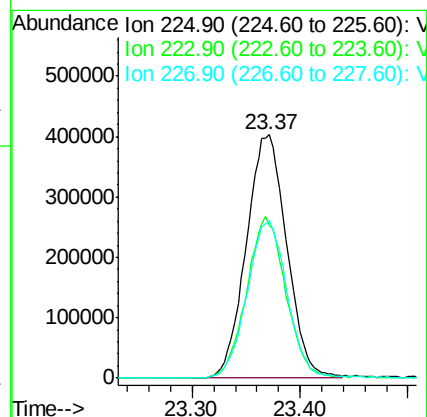
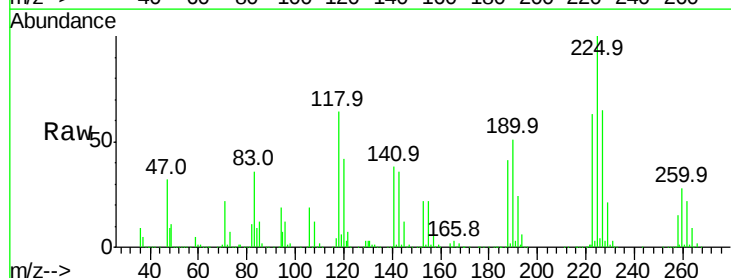
Tgt Ion:225 Resp: 1051433

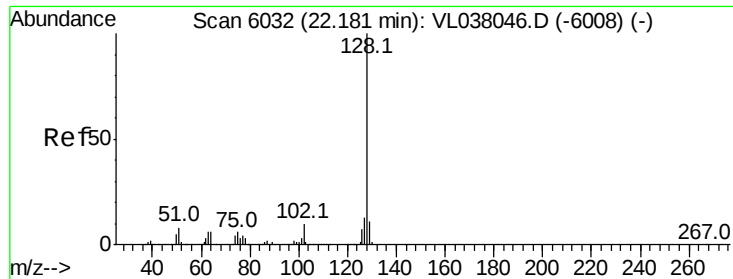
Ion Ratio Lower Upper

225 100

223 64.4 52.3 78.5

227 64.1 52.4 78.6



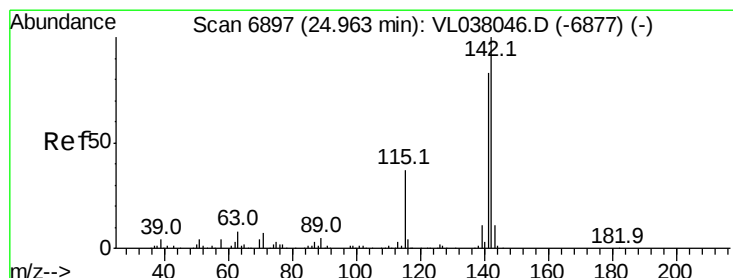
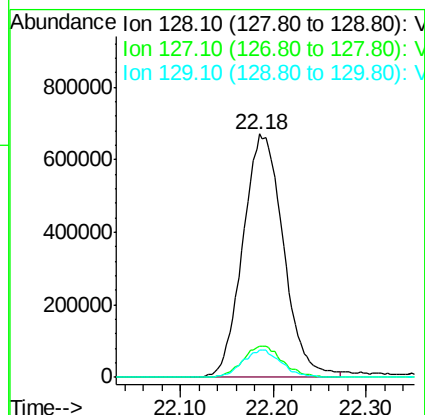
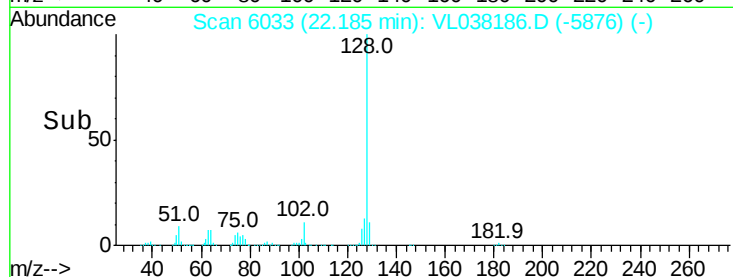
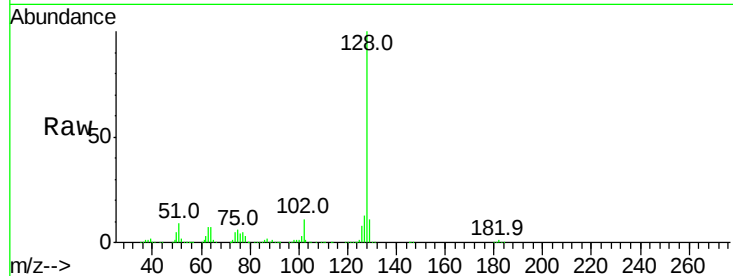


#79
Naphthalene
Concen: 10.145 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Dec 2021 12:35

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

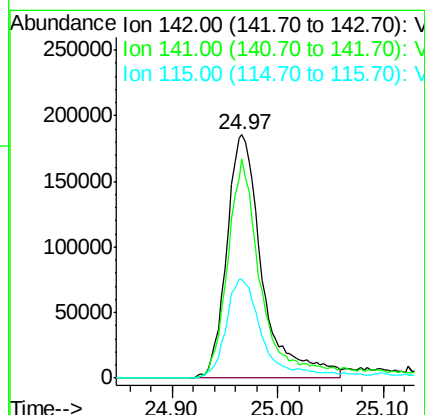
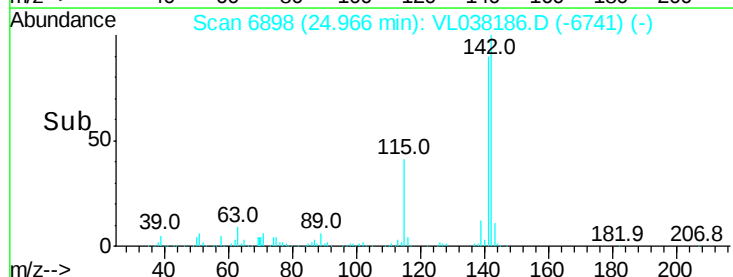
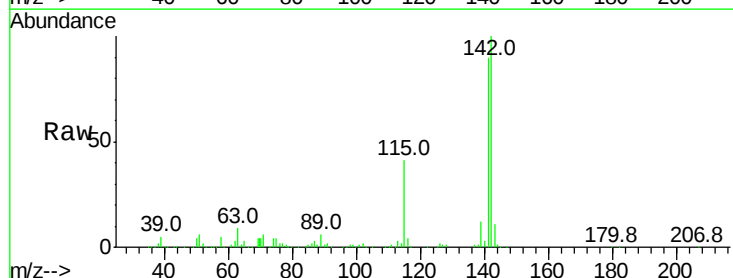
Manual Integrations
APPROVED

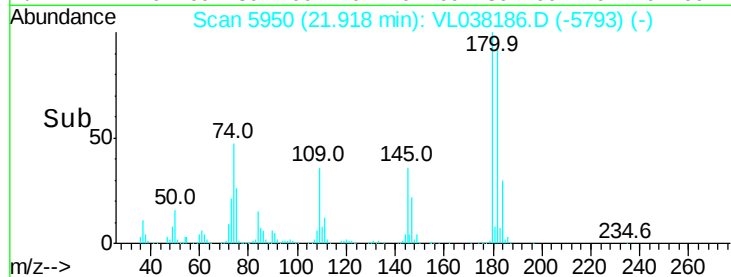
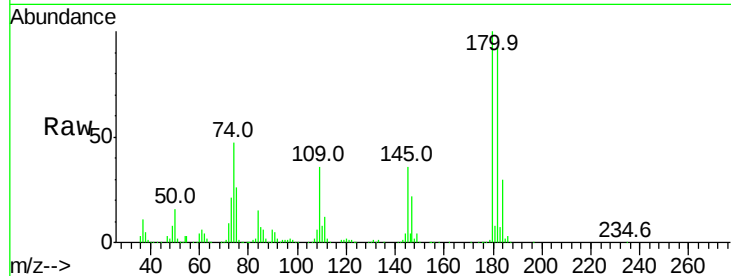
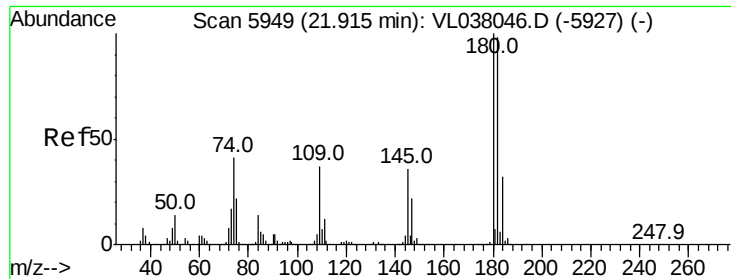
Reviewed By :Amit Patel 12/20/2021
Supervised By :Mahesh Dadoda 12/20/2021



#80
Naphthalene, 2-methyl-
Concen: 10.107 ppbv m
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL038186.D
Acq: 16 Dec 2021 12:35

Tgt Ion:142 Resp: 435829
Ion Ratio Lower Upper
142 100
141 4.8 67.3 100.9#
115 1.8 28.9 43.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 9.648 ppbv
 RT: 21.92
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1216ABS01
 Acq: 16 Dec 2021 12:35

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
 APPROVED

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

