

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038046.D
 Acq On : 18 Nov 2021 8:47
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 18 10:49:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 16 09:59:16 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	940781	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2832808	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2542450m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1844041	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1182932	6.181	ppbv 100
3) Chlorodifluoromethane	2.99	51	1752467	7.165	ppbv 99
4) Chloromethane	3.14	50	606588	6.970	ppbv 98
5) Vinyl Chloride	3.26	62	612342	7.331	ppbv 95
6) Bromomethane	3.48	94	330205	7.396	ppbv 99
7) Chloroethane	3.56	64	209329	7.125	ppbv 90
8) Dichlorotetrafluoroethane	3.19	85	1396980	7.047	ppbv 99
9) Propene	3.02	41	650398	7.051	ppbv 98
10) Heptane	8.12	43	1589446	7.001	ppbv 100
11) Trichlorofluoromethane	3.95	101	1331971	7.044	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	965199	6.585	ppbv 98
13) Ethanol	3.61	45	52720m	6.447	ppbv
14) Bromoethene	3.74	108	417682	6.816	ppbv 99
15) Acetone	3.85	43	675023	6.103	ppbv 99
16) 1,3-Butadiene	3.33	39	583427	7.123	ppbv 99
17) tert-Butyl alcohol	4.29	59	889689	5.989	ppbv 100
18) 1,1-Dichloroethene	4.29	96	438137	6.477	ppbv 96
19) Isopropyl Alcohol	3.97	45	477169	5.891	ppbv # 41
20) Methylene Chloride	4.34	84	371913	5.732	ppbv 95
21) Allyl Chloride	4.41	41	704547	6.365	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	455171	6.669	ppbv 97
23) Vinyl Acetate	5.07	43	1155636	6.308	ppbv 99
24) 1,1-Dichloroethane	5.01	63	924107	6.467	ppbv 98
25) Ethyl Acetate	5.67	43	2369824	9.108	ppbv 99
26) Hexane	5.68	57	1111342	8.502	ppbv 97
27) Carbon Disulfide	4.55	76	1157910	6.754	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1054975	6.293	ppbv 100
29) Chloroform	5.75	83	1712356	8.697	ppbv 98
30) Cyclohexane	7.13	84	1039139	7.059	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1146181	10.591	ppbv 96
32) 1,1,1-Trichloroethane	6.51	97	1782284	7.134	ppbv 100
34) 2-Butanone	5.24	43	1011266	10.823	ppbv 98
35) Carbon Tetrachloride	7.01	117	1802601	9.206	ppbv 99
36) Benzene	6.89	78	2493139	9.252	ppbv 99
37) 1,2-Dichloroethane	6.30	62	1262868	10.097	ppbv 99
38) Trichloroethene	7.83	130	917773	8.383	ppbv 98
39) 1,2-Dichloropropane	7.61	63	983487	9.442	ppbv 99
40) 1,4-Dioxane	7.83	88	241105m	8.976	ppbv
41) Tetrahydrofuran	6.05	42	617133	9.205	ppbv 99
42) Bromodichloromethane	7.79	83	1888164	9.589	ppbv 100
43) Methyl Methacrylate	8.01	69	910838	9.476	ppbv 100

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 ClientSampleId :
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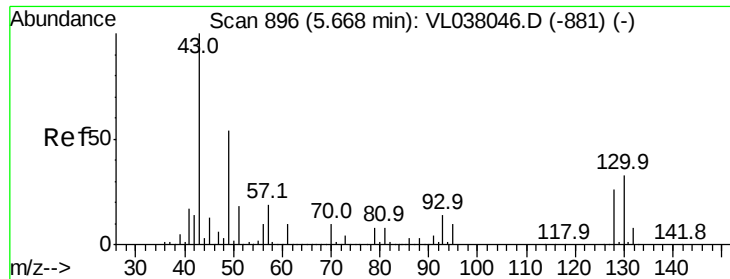
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4011993	8.667	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	823784	10.348	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1018824	9.793	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1016699	9.609	ppbv	96
48) Dibromochloromethane	10.30	129	1650705	9.596	ppbv	98
49) Bromoform	13.03	173	1186706	8.941	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1605269	9.528	ppbv	99
51) 2-Hexanone	10.13	43	756444	9.615	ppbv	100
52) Tetrachloroethene	11.22	164	843423	8.291	ppbv	97
53) Toluene	9.80	91	2874221	9.121	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1460738	9.854	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1046190	9.424	ppbv #	61
57) Chlorobenzene	12.14	112	1996179	9.575	ppbv	97
58) Ethyl Benzene	12.70	91	3666010	9.494	ppbv	99
59) m/p-Xylene	12.99	91	6059419m	18.884	ppbv	
60) o-Xylene	13.69	91	2787932	9.360	ppbv	99
61) Styrene	13.52	104	1632951	9.832	ppbv	98
62) Isopropylbenzene	14.66	105	3946371	9.164	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	1945006	8.734	ppbv	100
64) n-propylbenzene	15.55	120	1040798	9.480	ppbv	98
65) tert-Butylbenzene	16.73	119	3325142	8.799	ppbv	99
66) Benzyl Chloride	16.98	91	217594	8.246	ppbv	98
67) sec-Butylbenzene	17.29	105	4712593	9.028	ppbv	99
69) p-Isopropyltoluene	17.64	119	3812086	9.059	ppbv	99
70) n-Butylbenzene	18.54	91	3651420	9.465	ppbv	99
71) 2-Chlorotoluene	15.45	91	2885937	9.363	ppbv	98
72) 4-Ethyltoluene	15.83	105	3348254	9.428	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	2924827	9.004	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	2981269	9.115	ppbv	99
75) 1,3-Dichlorobenzene	16.99	146	1710726	9.478	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1652938	8.939	ppbv	97
77) 1,2-Dichlorobenzene	17.81	146	1602584	9.259	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	874946	7.793	ppbv	98
79) Naphthalene	22.18	128	1752362	9.767	ppbv	98
80) Naphthalene, 2-methyl-	24.96	142	443984	13.106	ppbv	91
81) 1,2,4-Trichlorobenzene	21.91	180	954807	9.410	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

49 100

128 53.

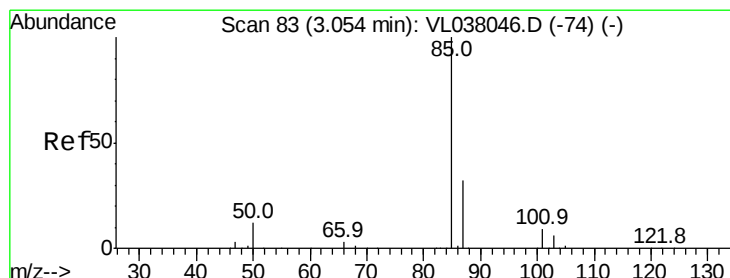
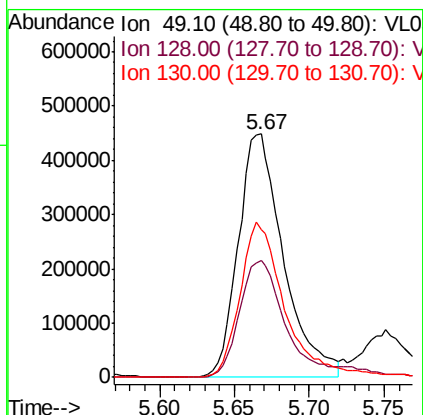
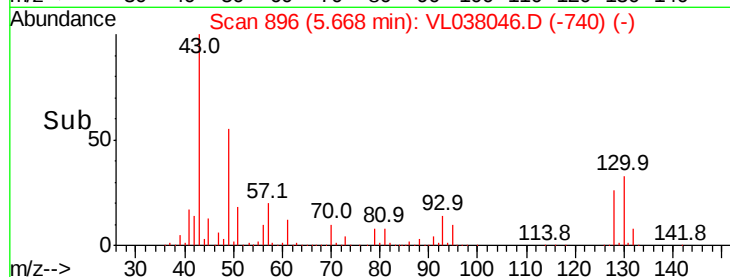
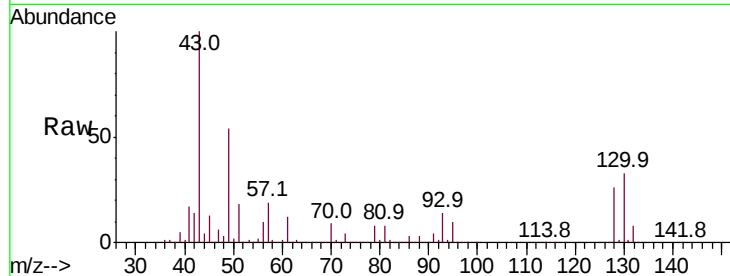
130 64.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 6.181 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038046.D

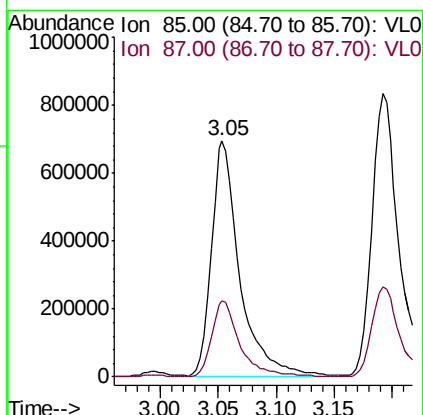
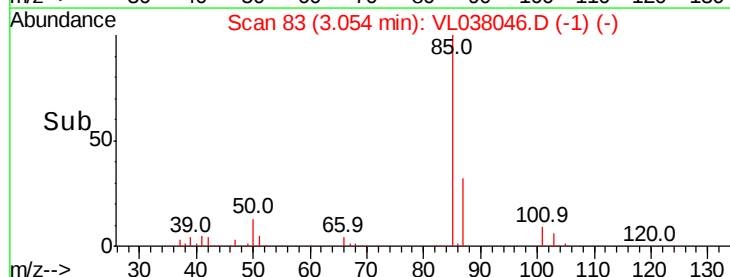
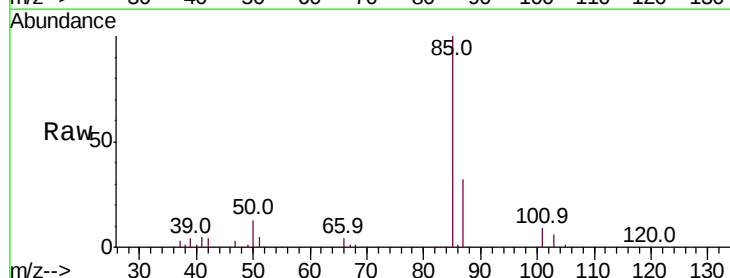
Acq: 18 Nov 2021 8:47

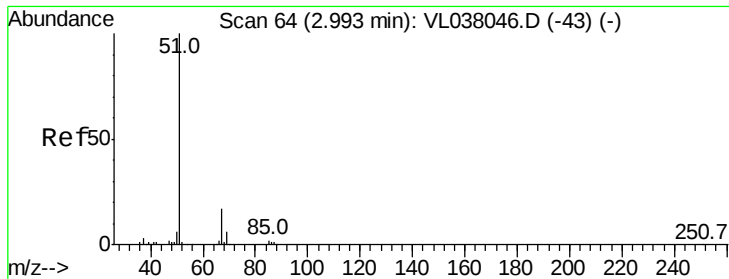
Tgt Ion: 85 Resp: 1182932

Ion Ratio Lower Upper

85 100

87 32.2 25.9 38.9





#3

Chlorodifluoromethane

Concen: 7.165 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

51 100

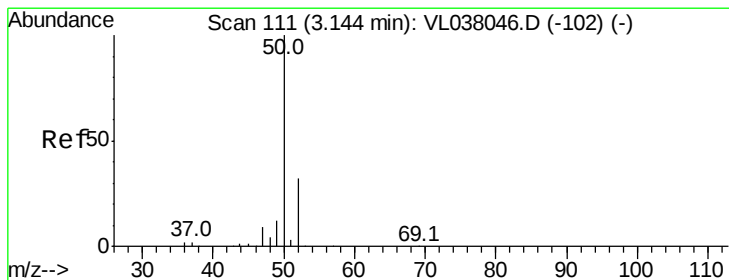
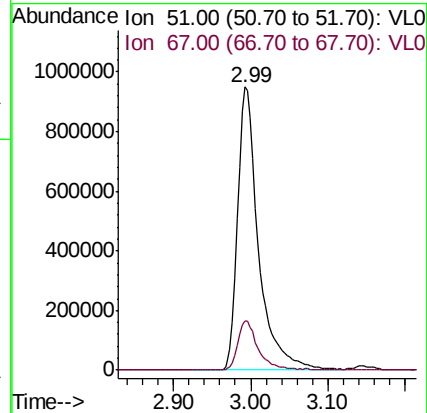
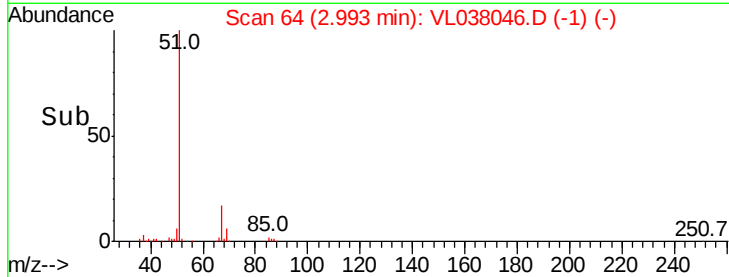
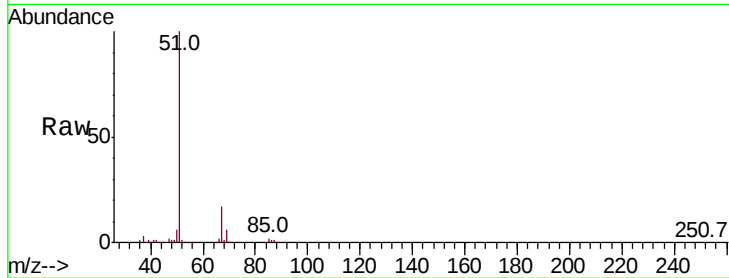
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#4

Chloromethane

Concen: 6.970 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038046.D

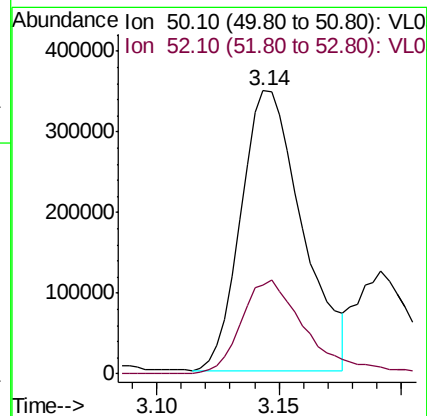
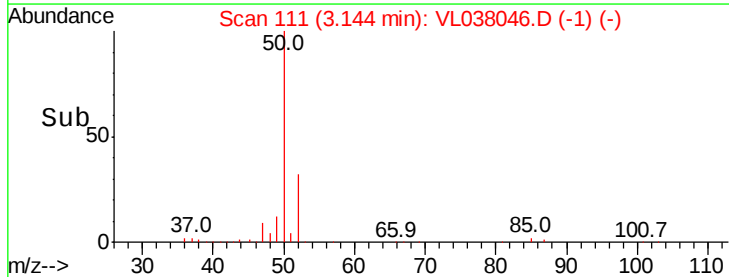
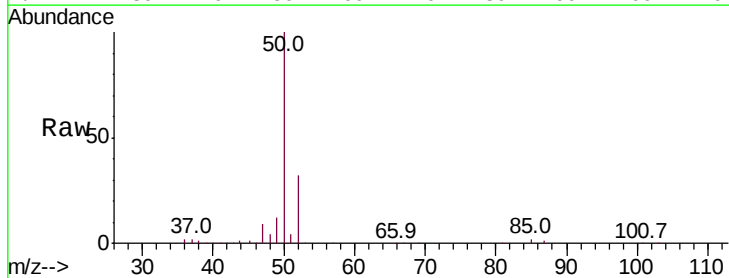
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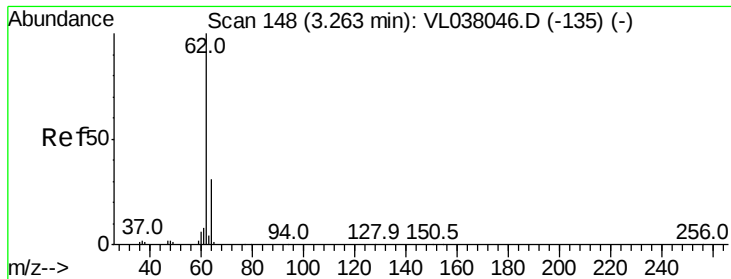
Tgt Ion: 50 Resp: 606588

Ion Ratio Lower Upper

50 100

52 31.7 26.4 39.6





#5

Vinyl Chloride

Concen: 7.331 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 8:47 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

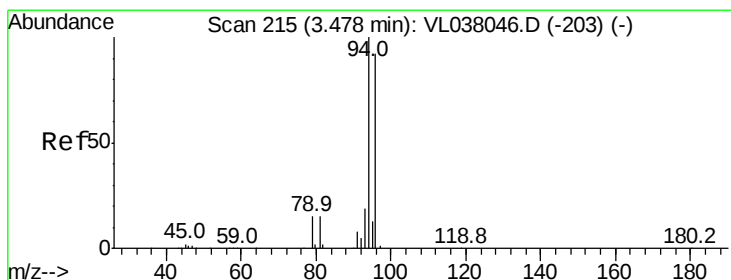
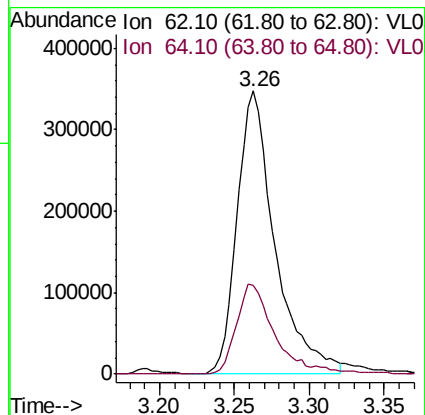
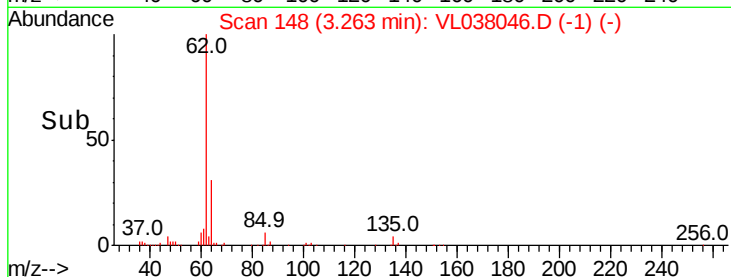
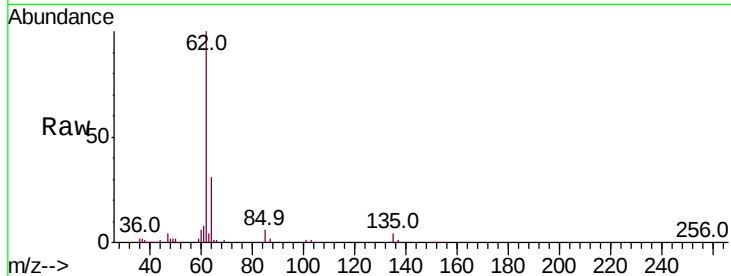
64 31.

Manual Integrations

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#6

Bromomethane

Concen: 7.396 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038046.D

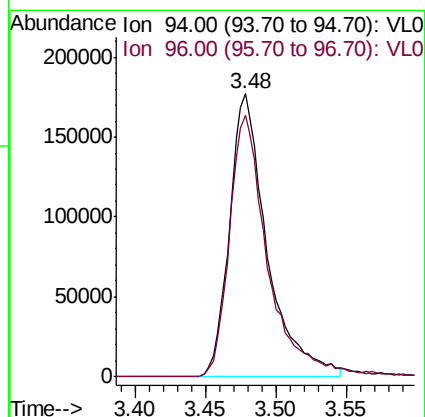
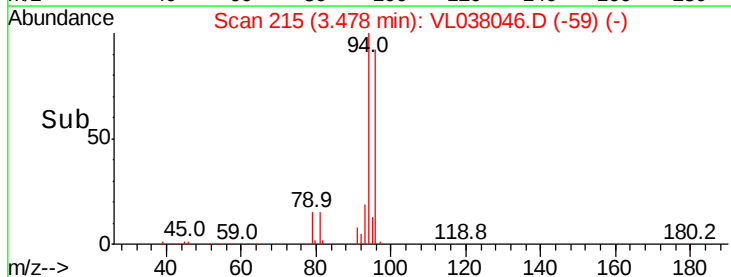
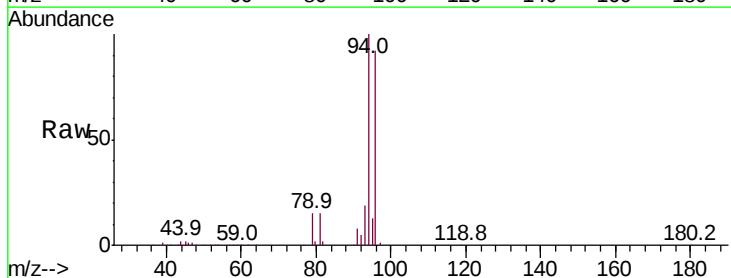
Acq: 18 Nov 2021 8:47

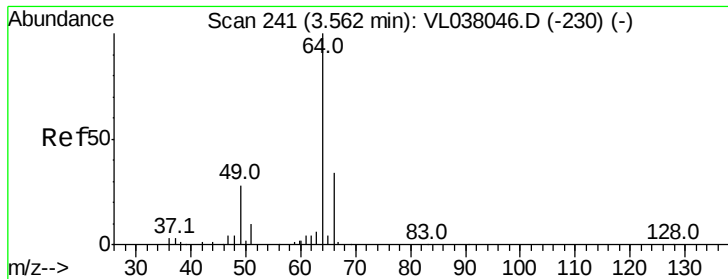
Tgt Ion: 94 Resp: 330205

Ion Ratio Lower Upper

94 100

96 92.4 74.8 112.2





#7

Chloroethane

Concen: 7.125 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDICCC010

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

64 100

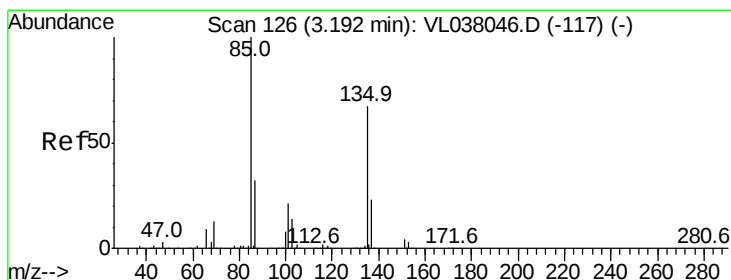
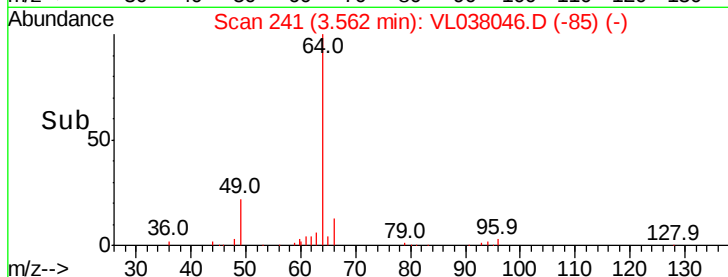
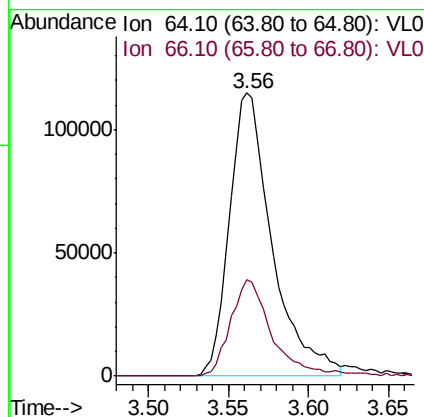
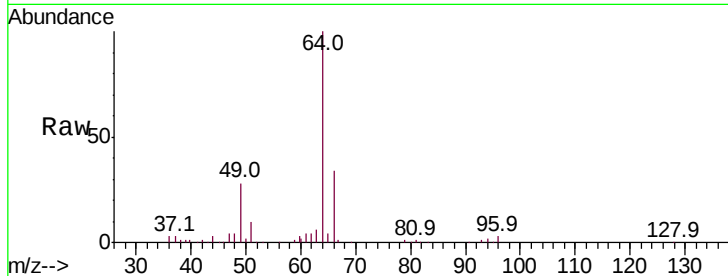
66 34.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 7.047 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038046.D

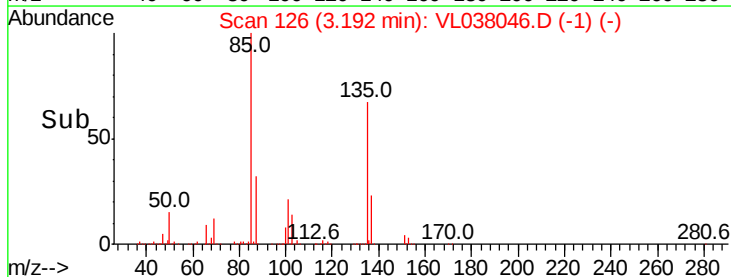
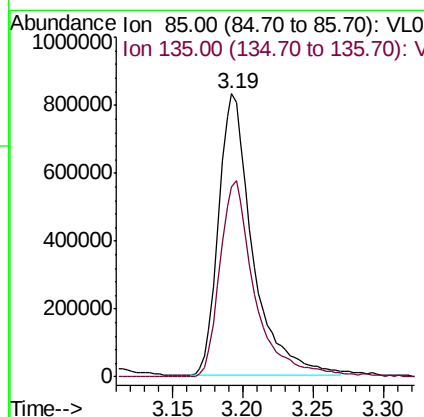
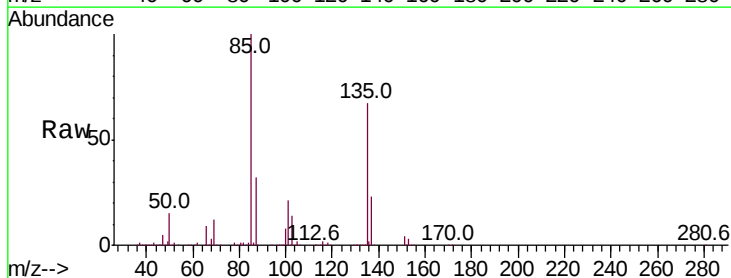
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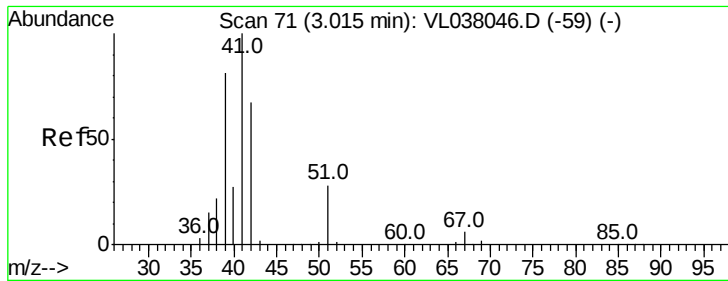
Tgt Ion: 85 Resp: 1396980

Ion Ratio Lower Upper

85 100

135 72.4 57.0 85.6



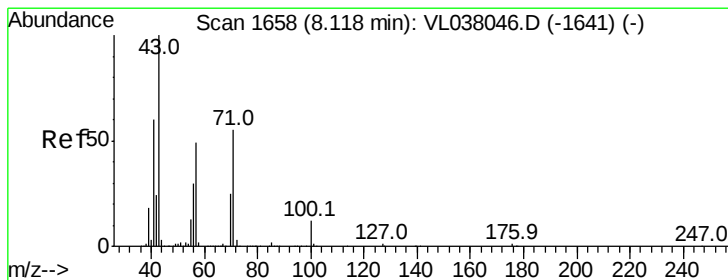
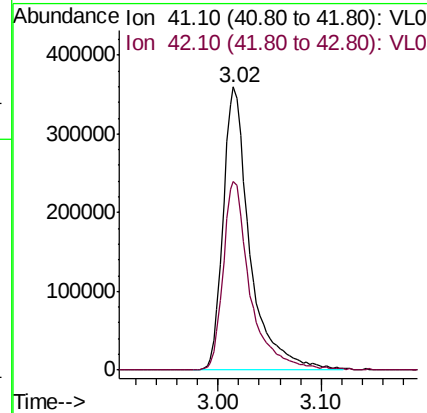
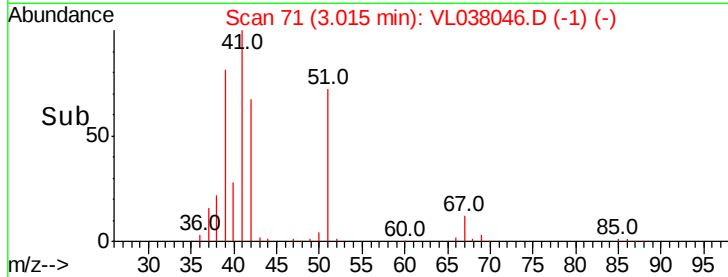
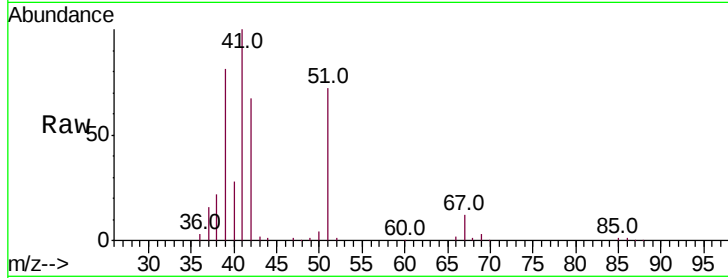


#9
 Propene
 Concen: 7.051 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 41 100
 42 67.

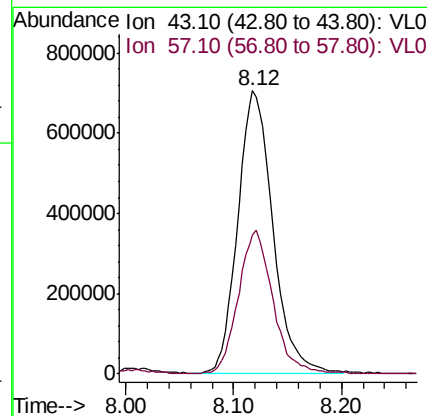
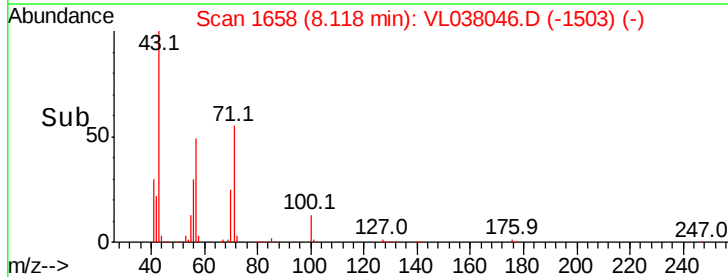
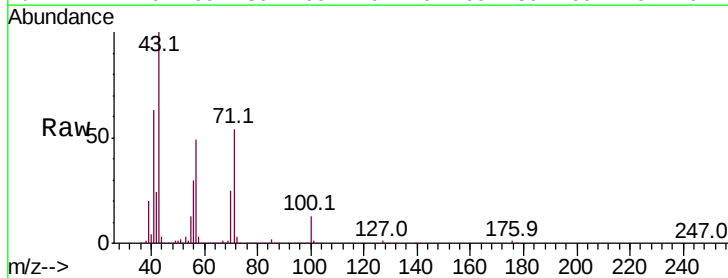
Manual Integrations
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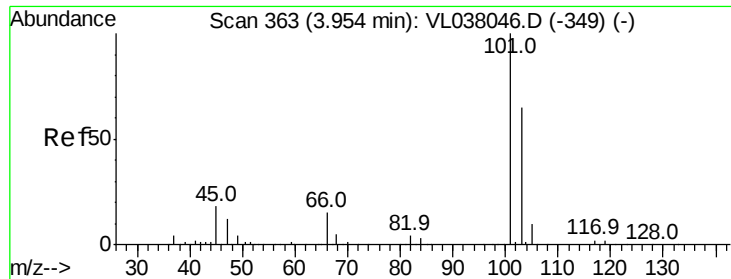
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#10
 Heptane
 Concen: 7.001 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion: 43 Resp: 1589446
 Ion Ratio Lower Upper
 43 100
 57 50.5 40.2 60.2



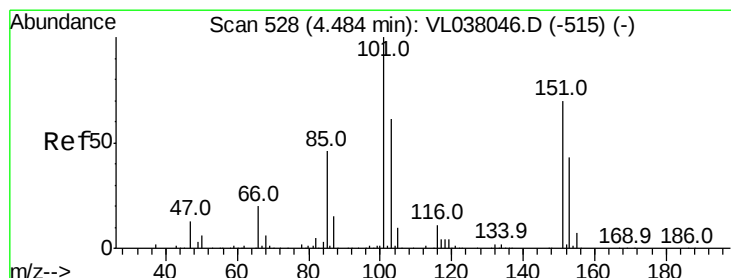
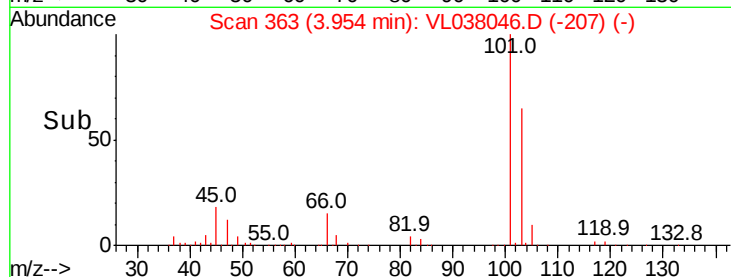
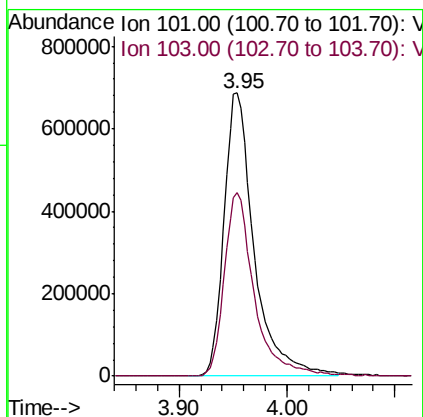
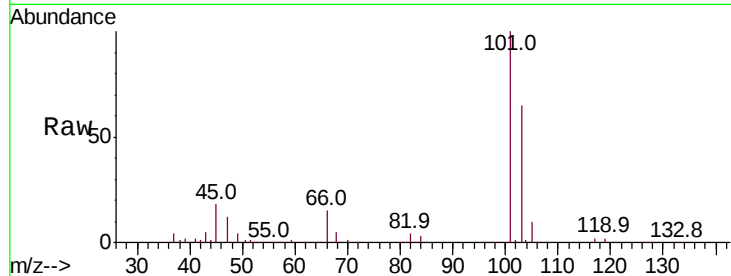


#11
 Trichlorofluoromethane
 Concen: 7.044 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:1
 Ion Rati
 101 100
 103 64.

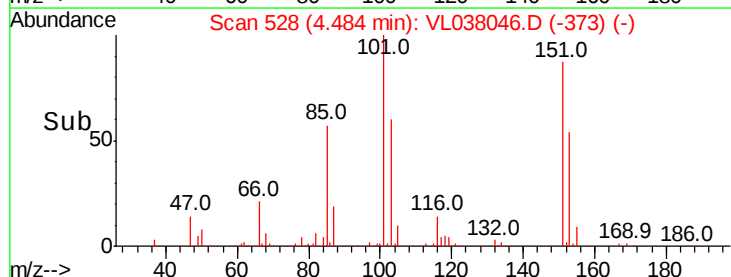
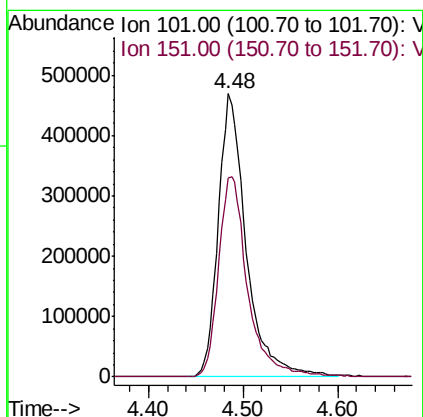
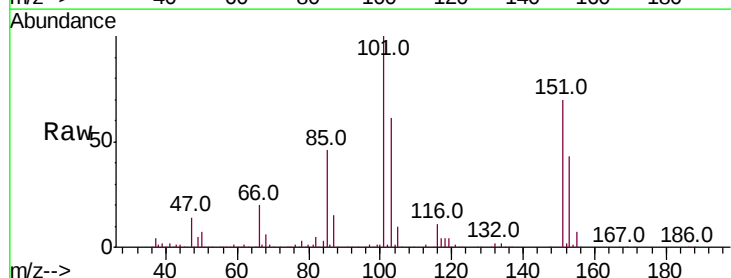
Manual Integrations
 APPROVED

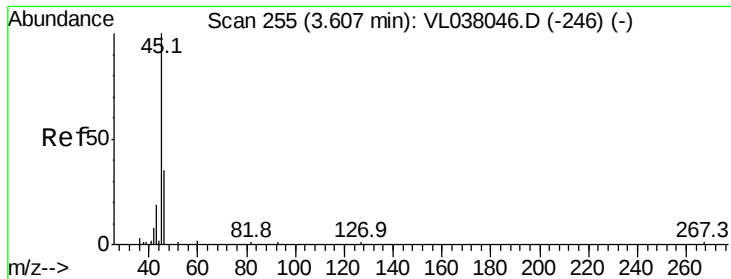
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.585 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:101 Resp: 965199
 Ion Ratio Lower Upper
 101 100
 151 73.7 57.8 86.8



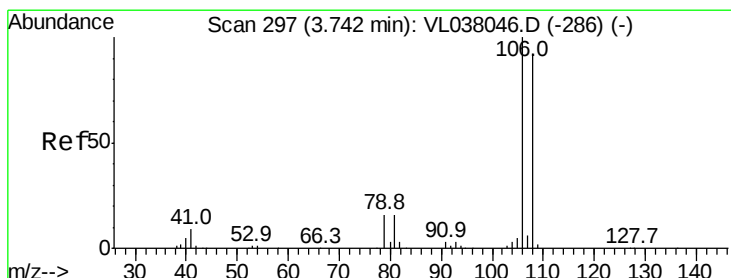
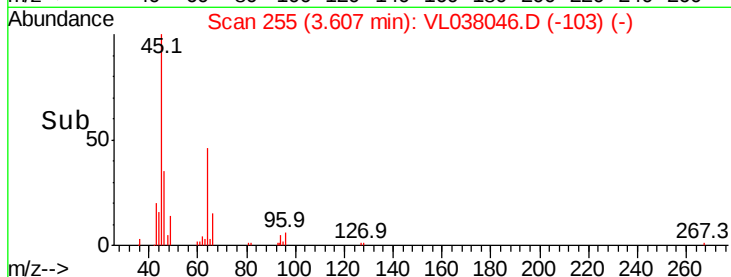
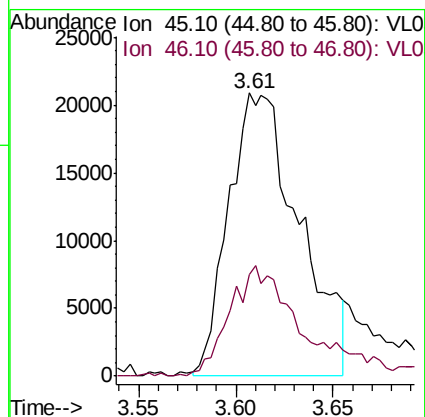
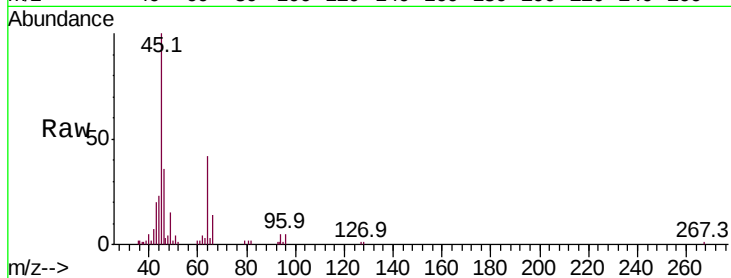


#13
Ethanol
Concen: 6.447 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
45 100
46 43.

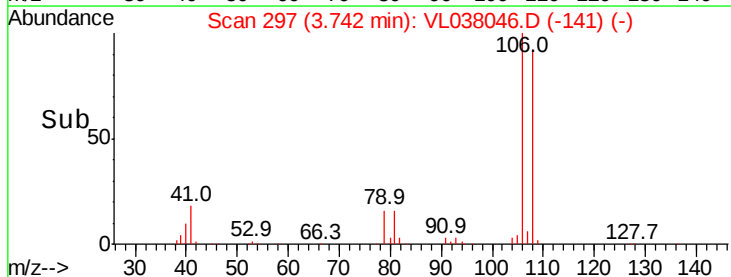
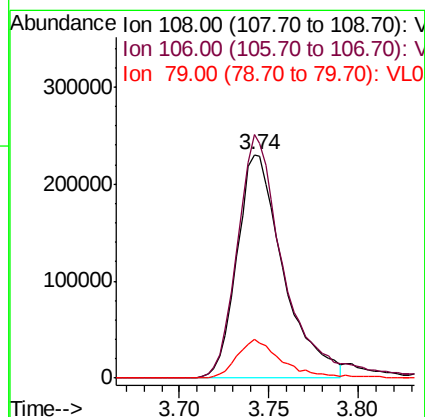
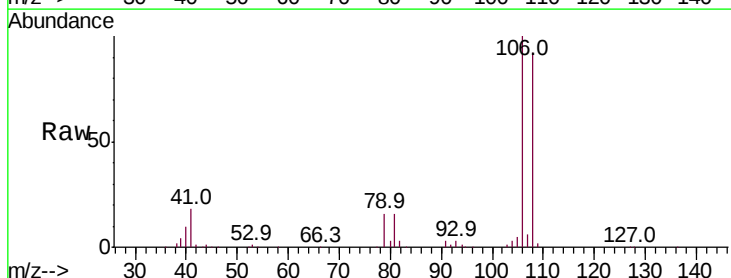
Manual Integrations
APPROVED

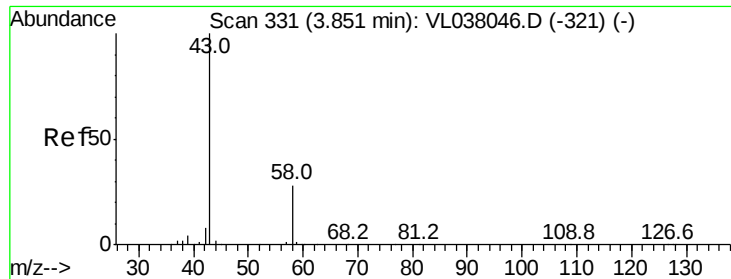
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Bromoethene
Concen: 6.816 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion:108 Resp: 417682
Ion Ratio Lower Upper
108 100
106 111.7 90.4 135.6
79 17.6 14.5 21.7





#15

Acetone

Concen: 6.103 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

43 100

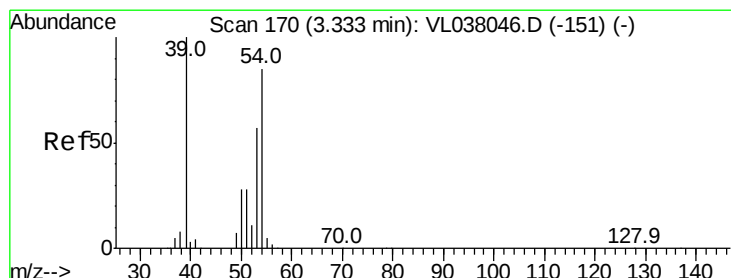
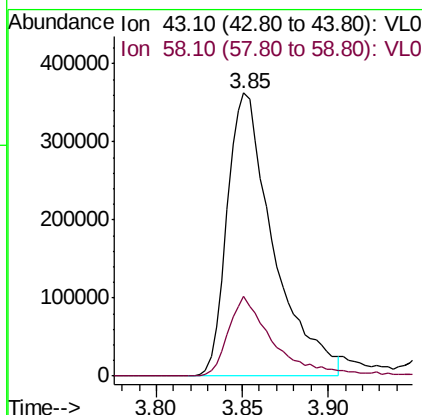
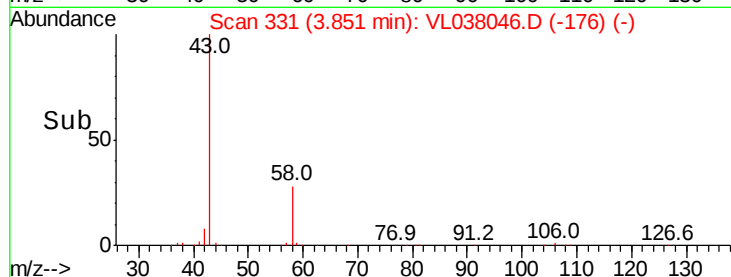
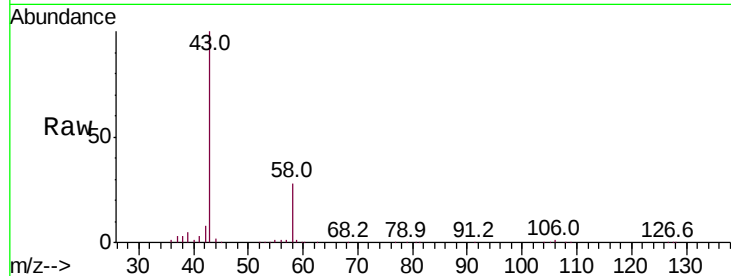
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#16

1,3-Butadiene

Concen: 7.123 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038046.D

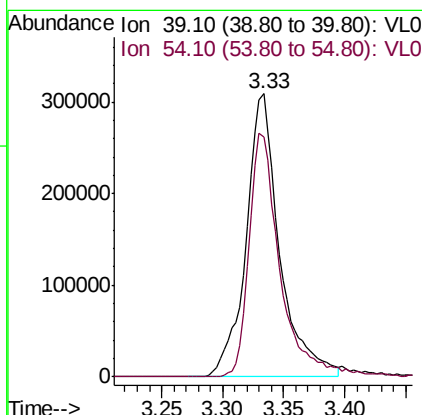
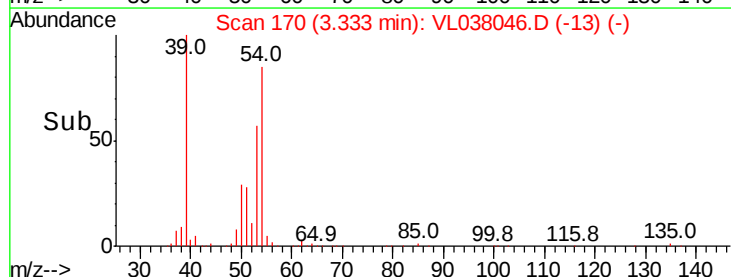
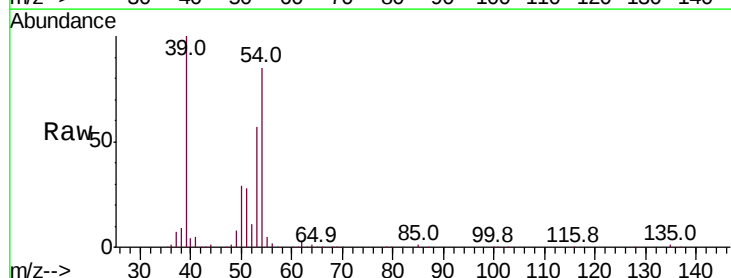
Acq: 18 Nov 2021 8:47

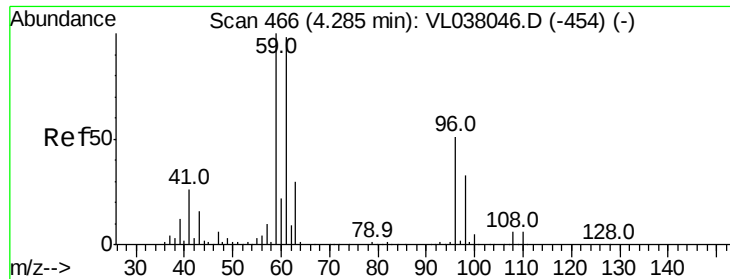
Tgt Ion: 39 Resp: 583427

Ion Ratio Lower Upper

39 100

54 80.5 63.7 95.5



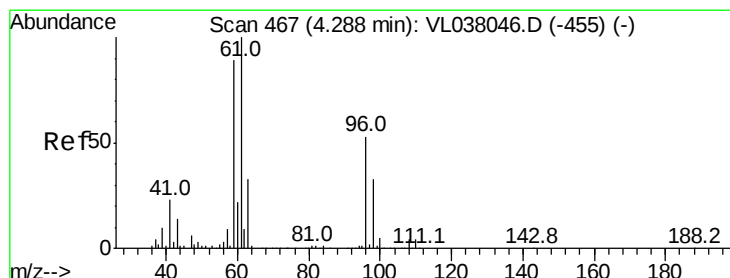
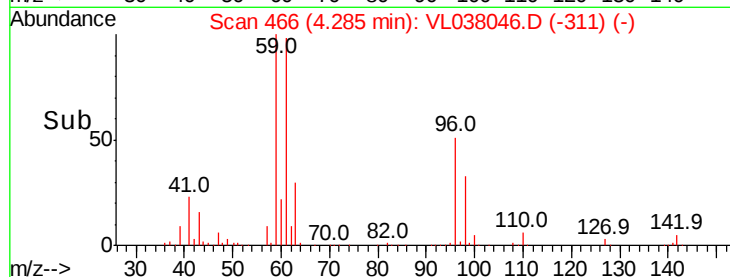
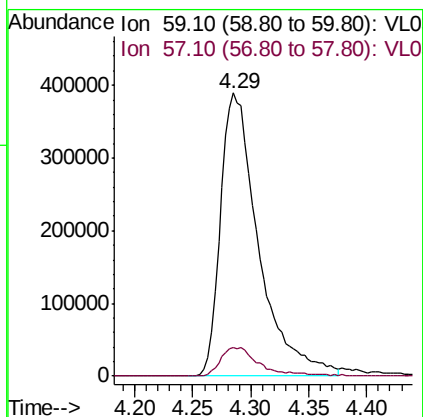
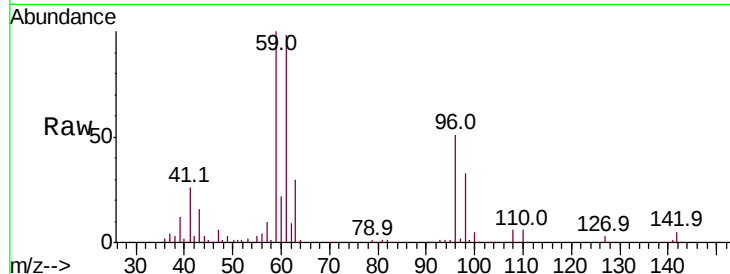


#17
tert-Butyl alcohol
Concen: 5.989 ppbv
RT: 4.29 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47
VSTDICCC010

Tot Ion:
Ion Ratio
59 100
57 10.

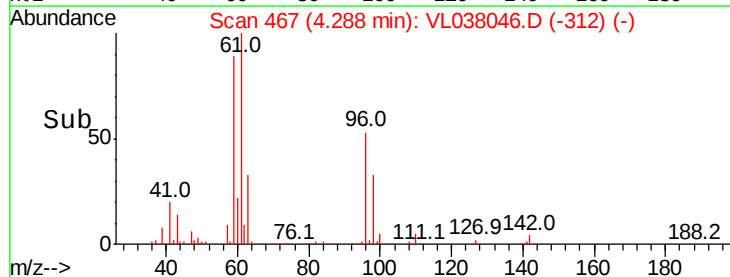
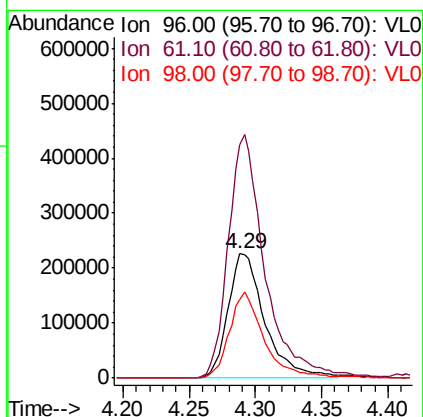
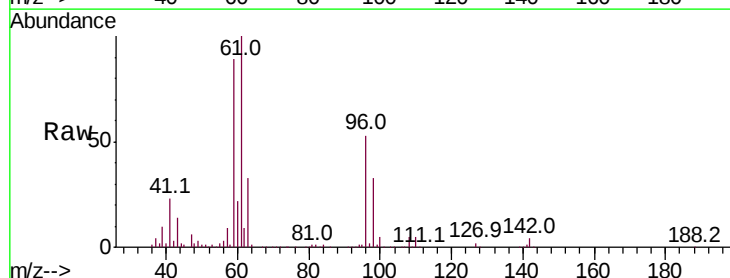
Manual Integrations
APPROVED

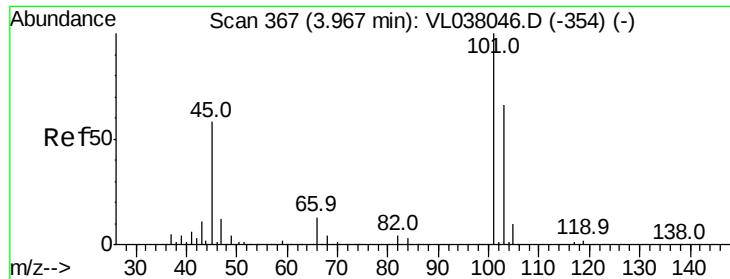
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#18
1,1-Dichloroethene
Concen: 6.477 ppbv
RT: 4.29 min Scan# 467
Delta R.T.: -0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 96 Resp: 438137
Ion Ratio Lower Upper
96 100
61 187.3 145.2 217.8
98 62.7 48.8 73.2



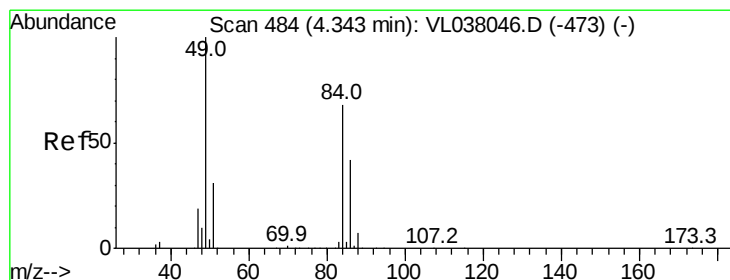
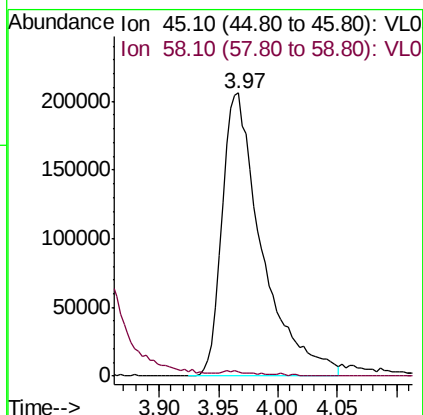
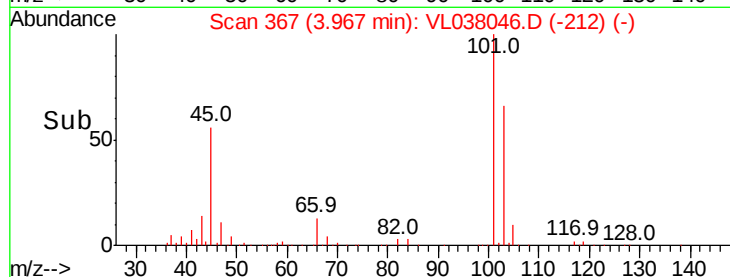
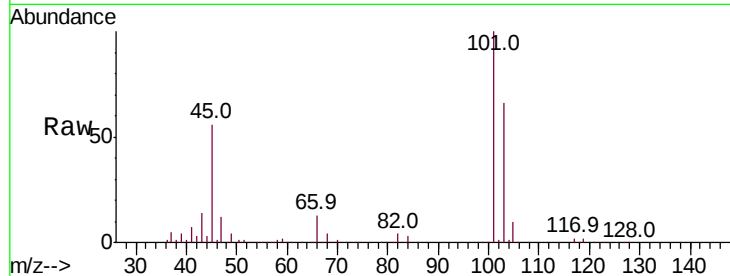


#19
Isopropyl Alcohol
Concen: 5.891 ppbv
RT: 3.97
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
45 100
58 1.

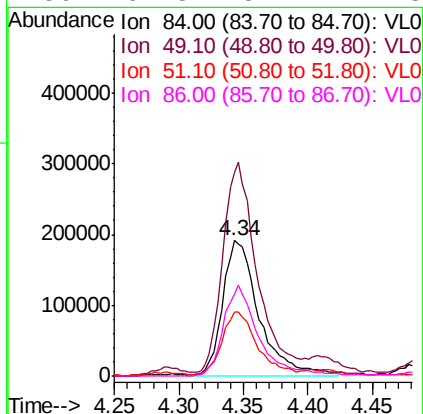
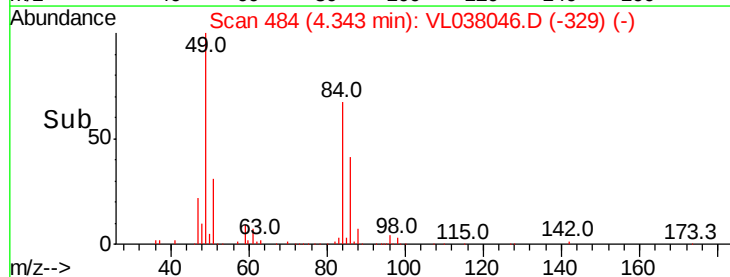
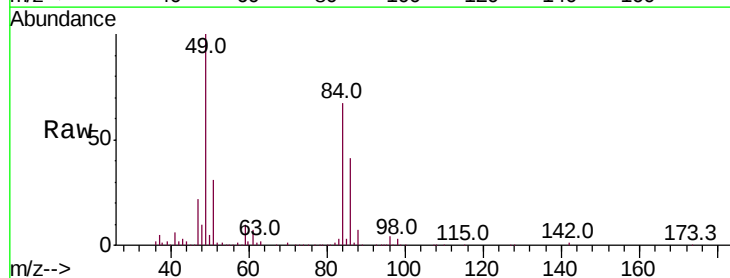
Manual Integrations
APPROVED

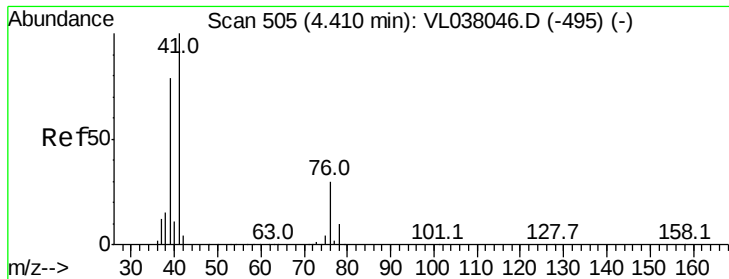
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#20
Methylene Chloride
Concen: 5.732 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 84 Resp: 371913
Ion Ratio Lower Upper
84 100
49 147.7 125.1 187.7
51 46.0 35.3 52.9
86 61.3 51.7 77.5





#21

Allvl Chloride

Concen: 6.365 ppbv

RT: 4.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

41 100

76 30.

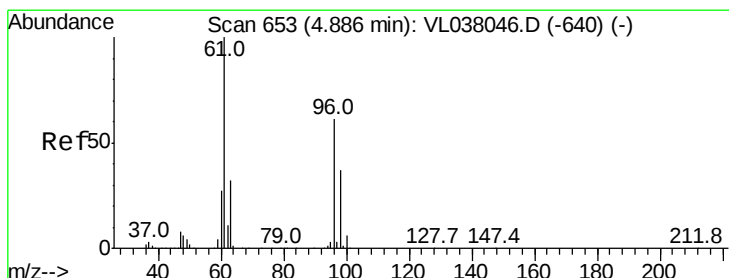
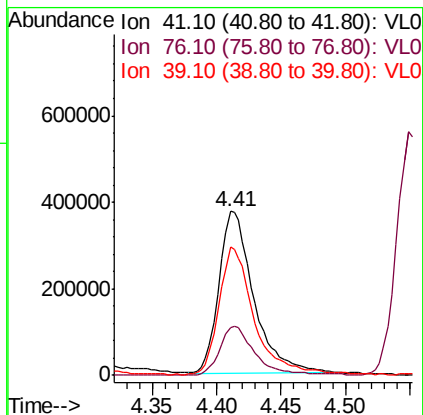
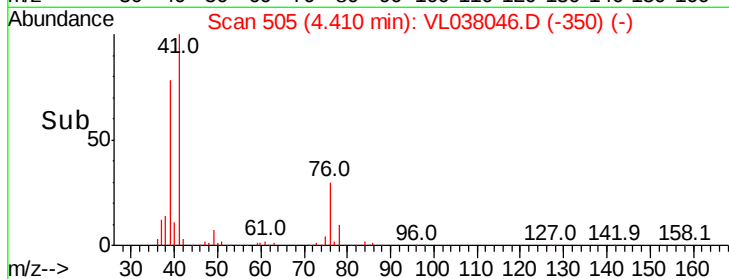
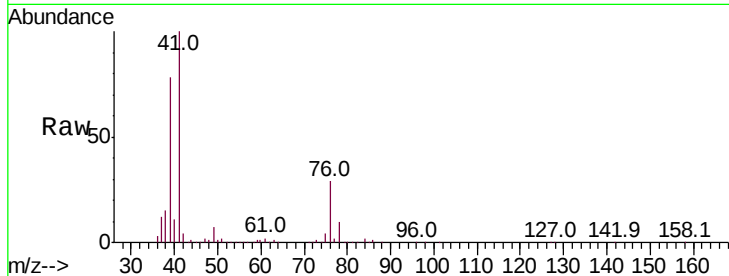
39 79.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#22

trans-1,2-Dichloroethene

Concen: 6.669 ppbv

RT: 4.89 min Scan# 653

Delta R.T. 0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

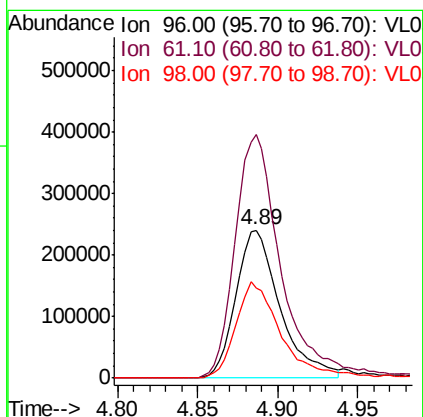
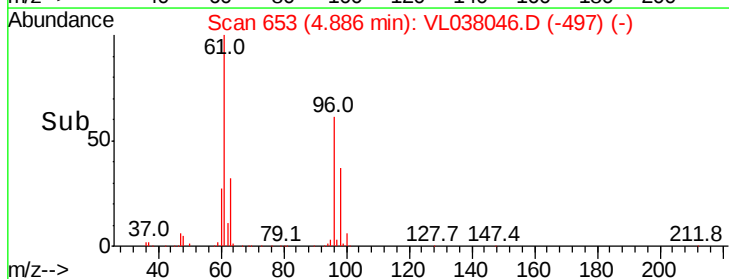
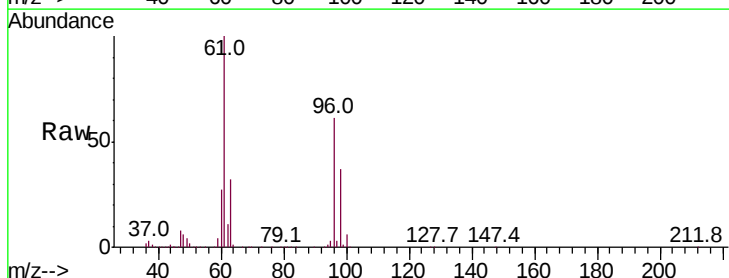
Tgt Ion: 96 Resp: 455171

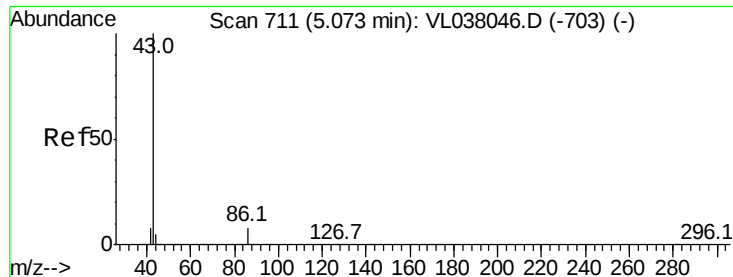
Ion Ratio Lower Upper

96 100

61 164.5 134.2 201.4

98 60.5 51.3 76.9





#23

Vinyl Acetate

Concen: 6.308 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

43 100

86 6.

42 8.

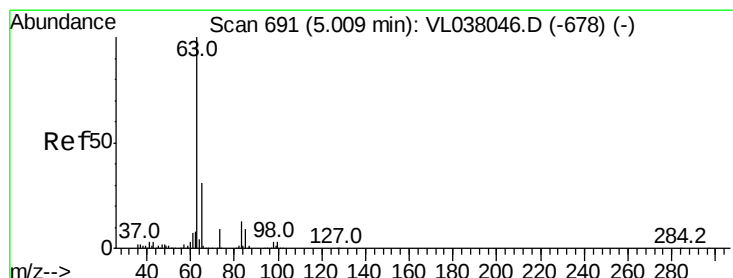
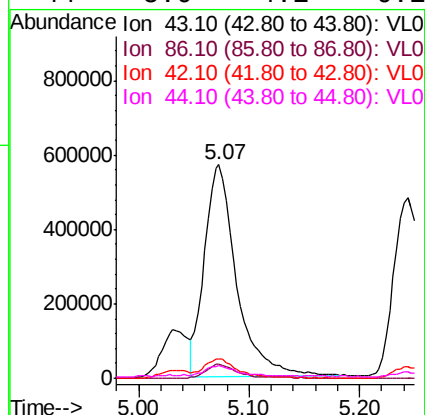
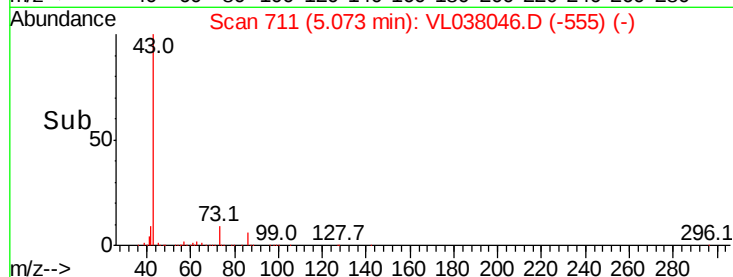
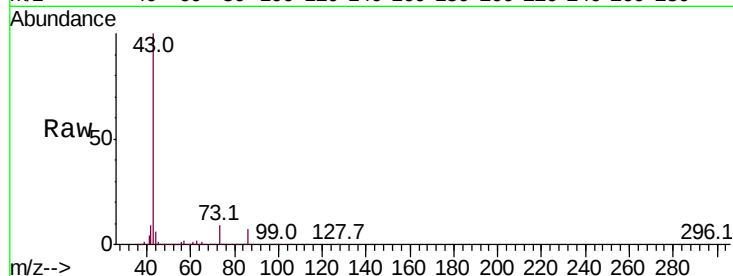
44 5.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 6.467 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

Tgt Ion: 63 Resp: 924107

Ion Ratio Lower Upper

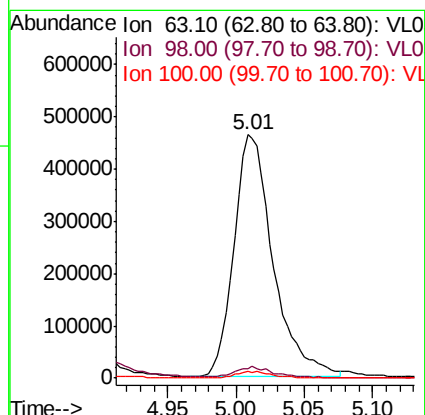
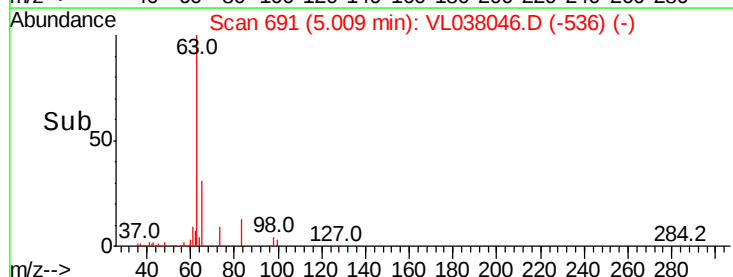
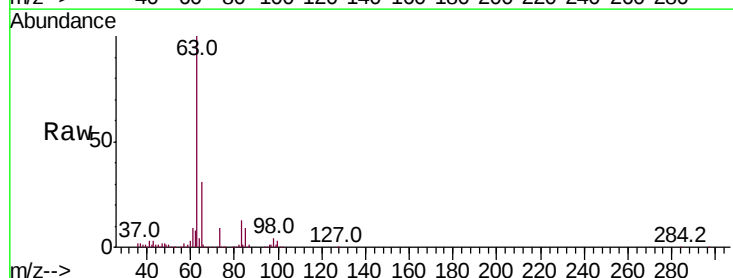
63 100

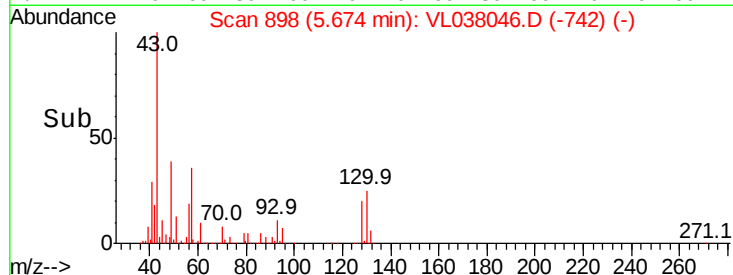
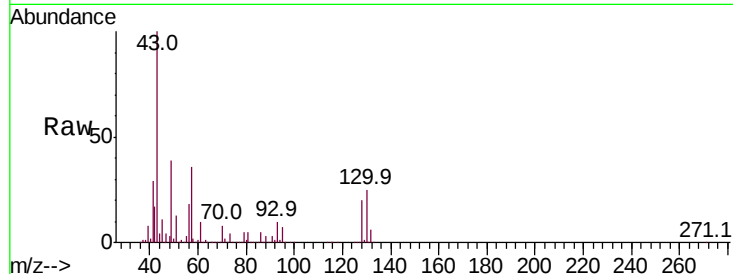
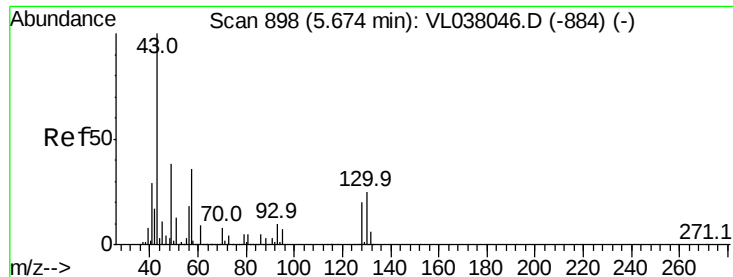
98 3.6

100 2.7

2.3 6.9

1.5 4.4

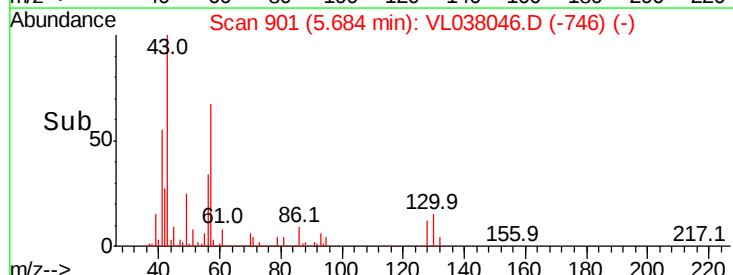
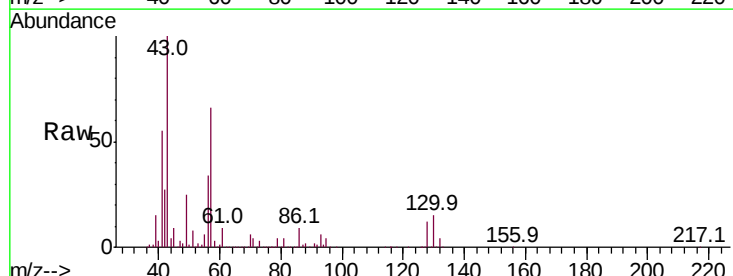
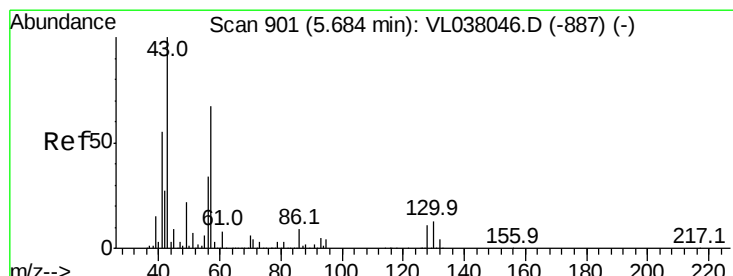
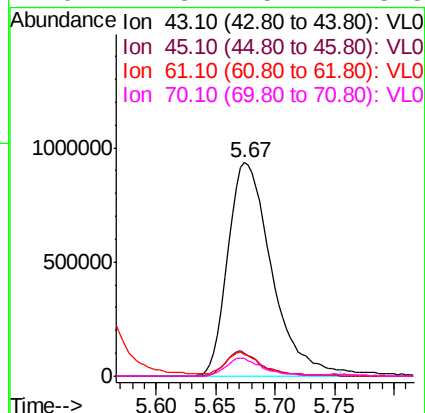




#25
Ethyl Acetate
Concen: 9.108 ppbv
RT: 5.67
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

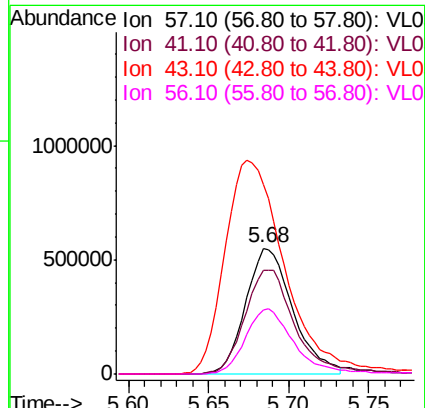
Tot Ion: Manual Integrations
Ion Ratio APPROVED
43 100
45 9.
61 9.
70 7.3 5.7 8.5

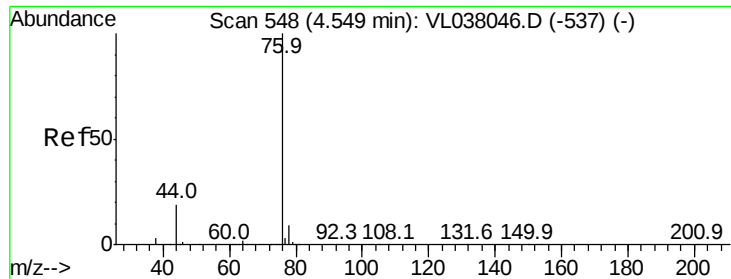
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 8.502 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 57 Resp: 1111342
Ion Ratio Lower Upper
57 100
41 89.3 70.8 106.2
43 218.2 169.4 254.0
56 54.0 41.8 62.8



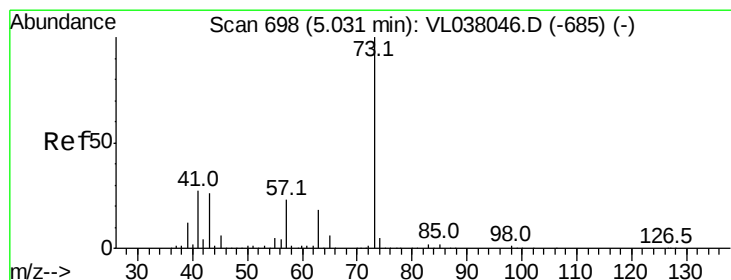
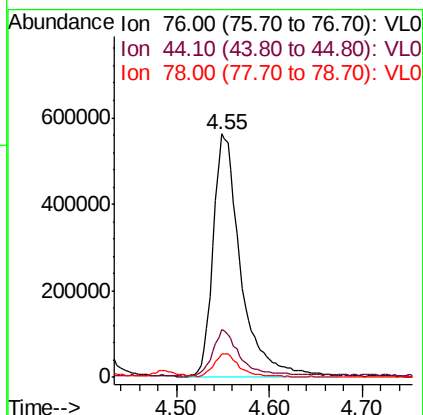
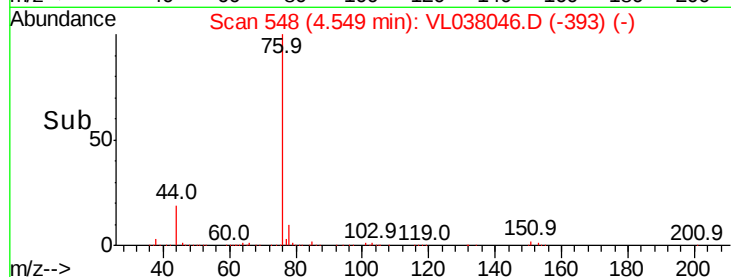
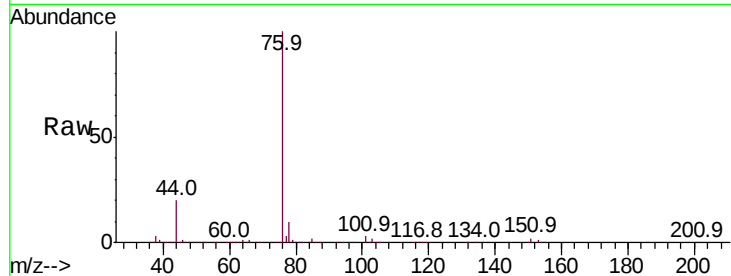


#27
Carbon Disulfide
Concen: 6.754 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 8:47

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

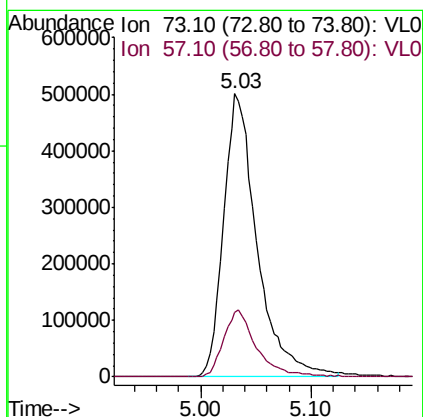
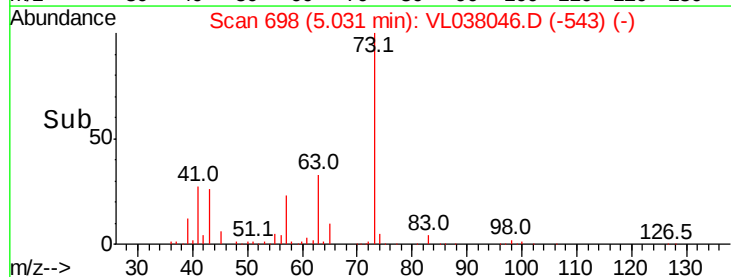
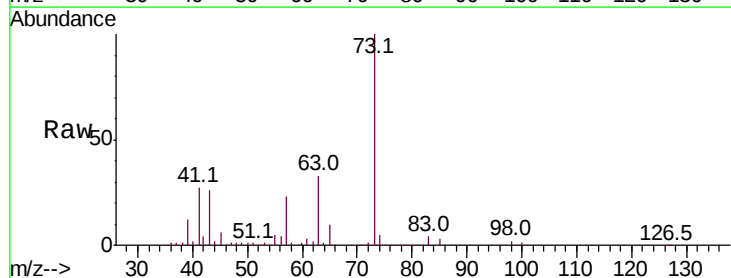
Manual Integrations
APPROVED

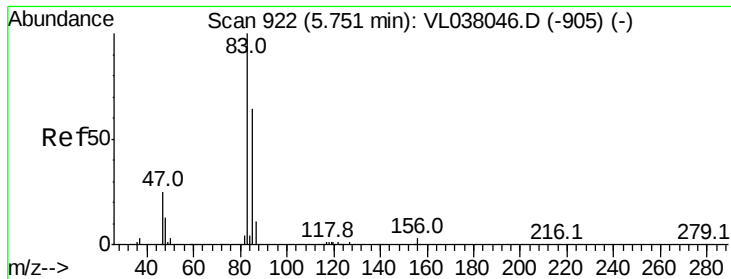
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
Methyl tert-Butyl Ether
Concen: 6.293 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 73 Resp: 1054975
Ion Ratio Lower Upper
73 100
57 23.7 19.1 28.7



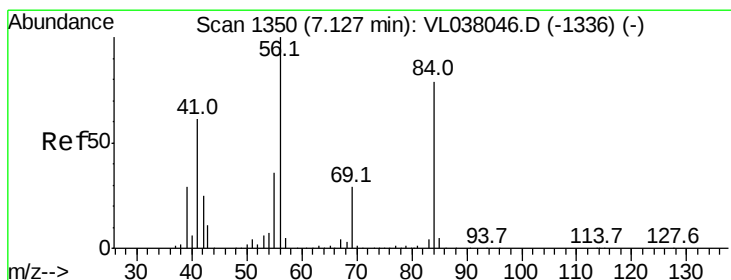
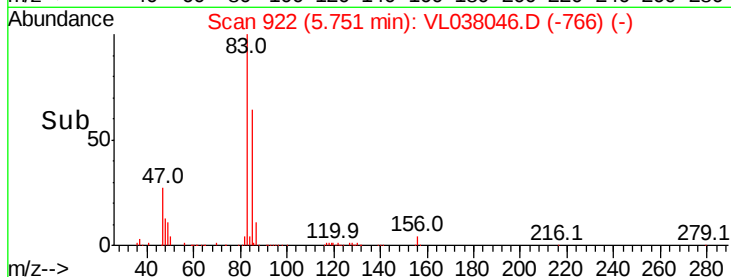
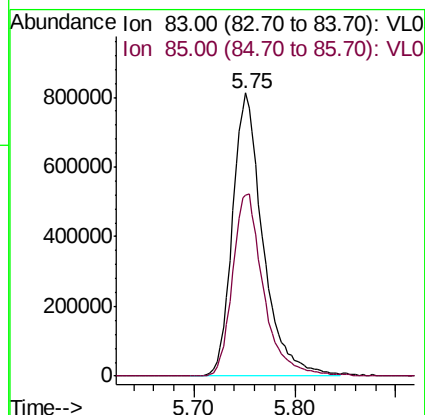
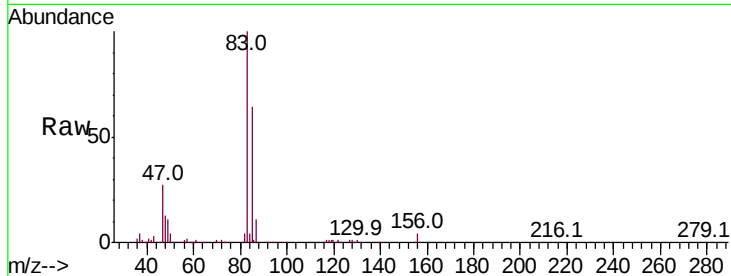


#29
Chloroform
Concen: 8.697 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
83 100
85 63.

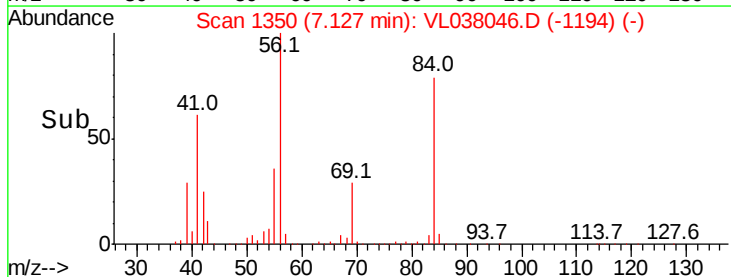
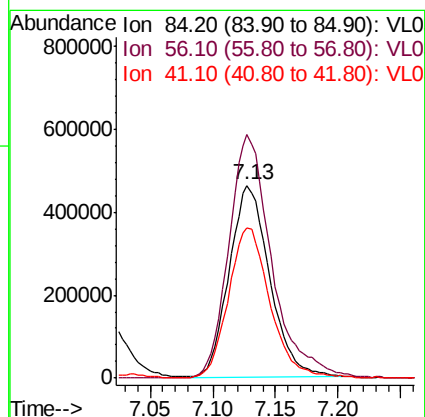
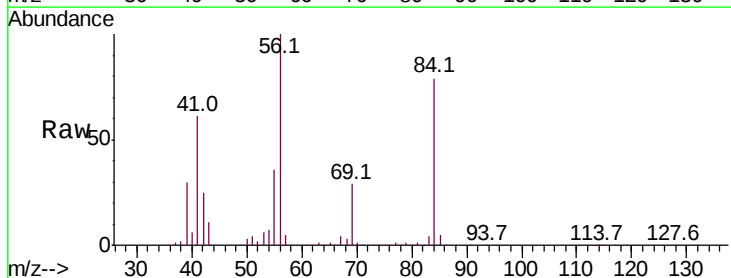
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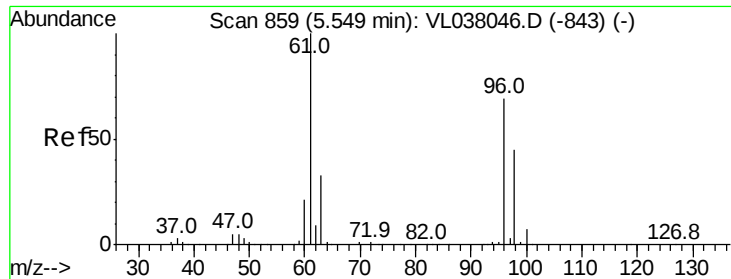
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 7.059 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 84 Resp: 1039139
Ion Ratio Lower Upper
84 100
56 135.1 109.5 164.3
41 80.5 65.1 97.7



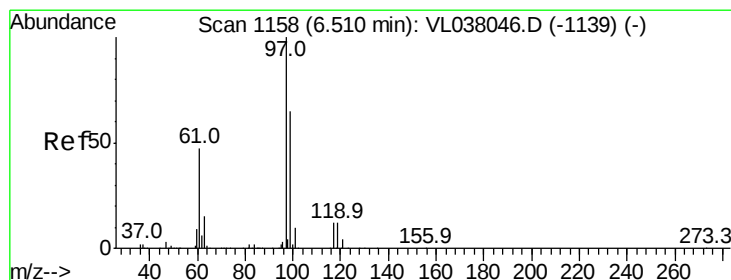
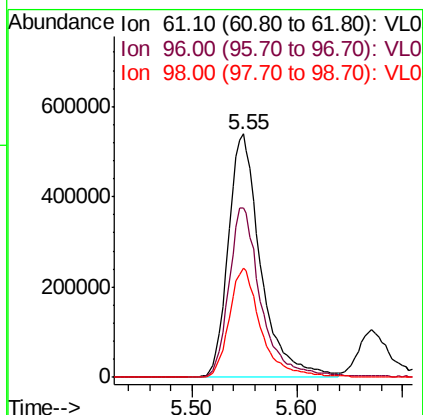
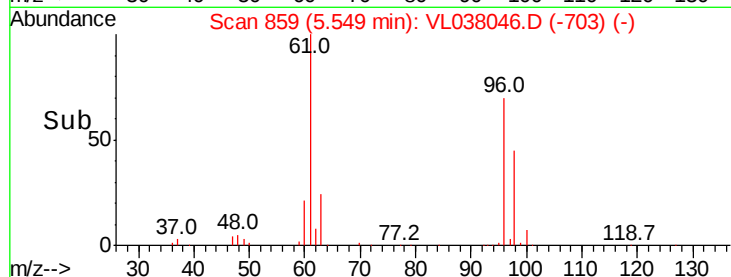
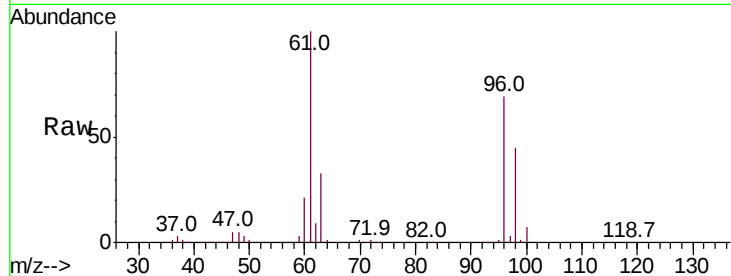


#31
 cis-1,2-Dichloroethene
 Concen: 10.591 ppbv
 RT: 5.55
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 61 100
 96 69.
 98 44.

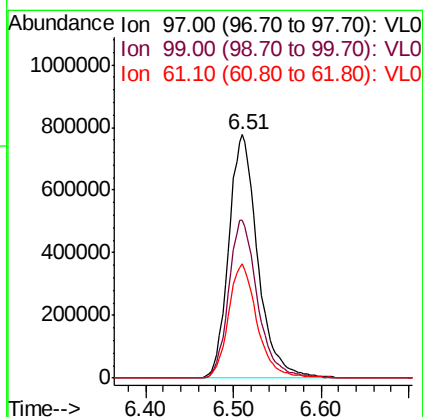
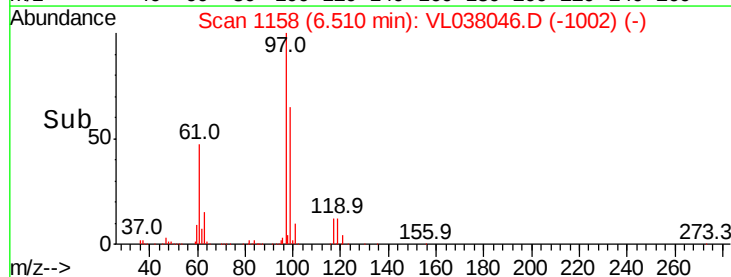
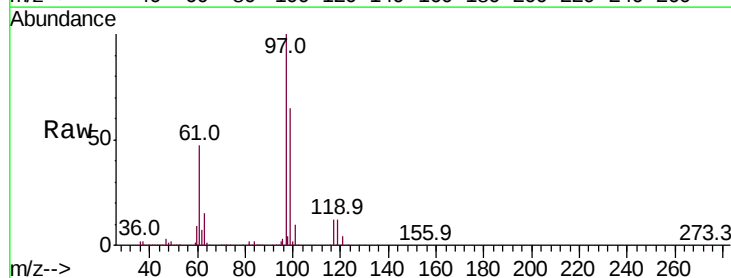
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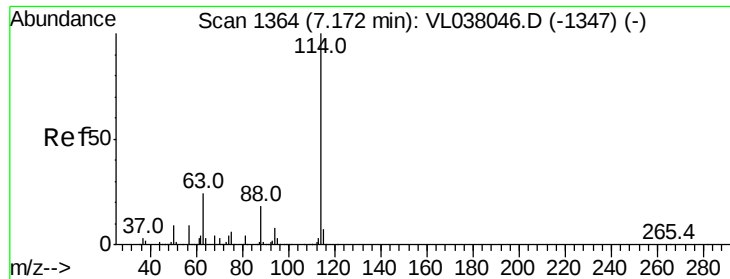
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#32
 1,1,1-Trichloroethane
 Concen: 7.134 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion: 97 Resp: 1782284
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.9 77.9
 61 47.1 37.7 56.5



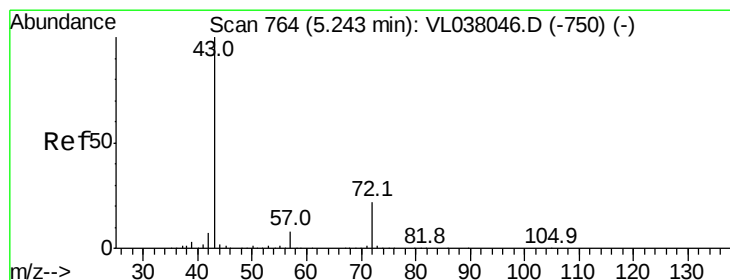
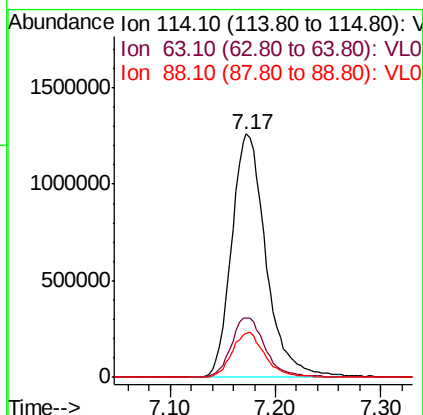
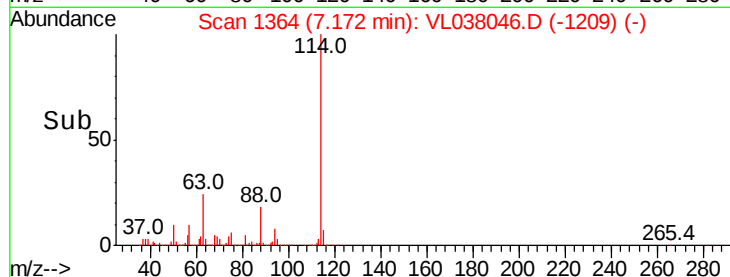
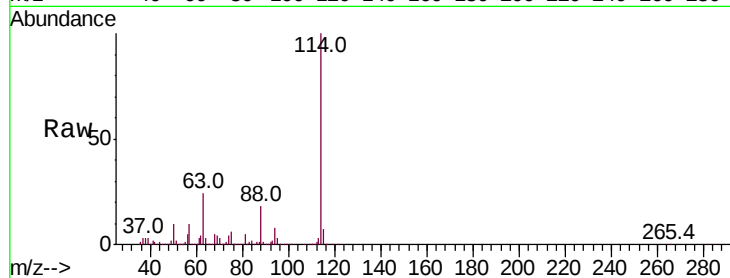


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 8:47

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

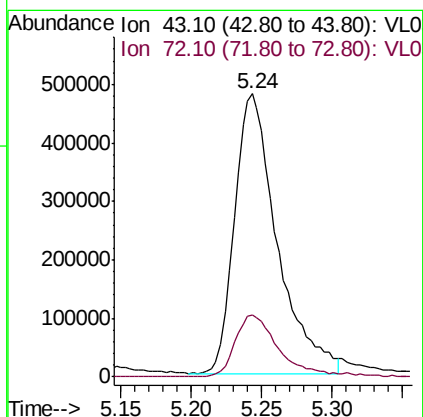
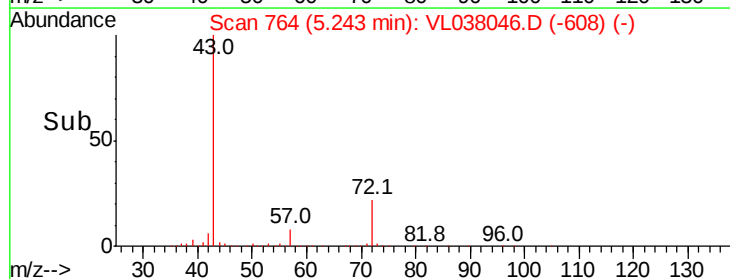
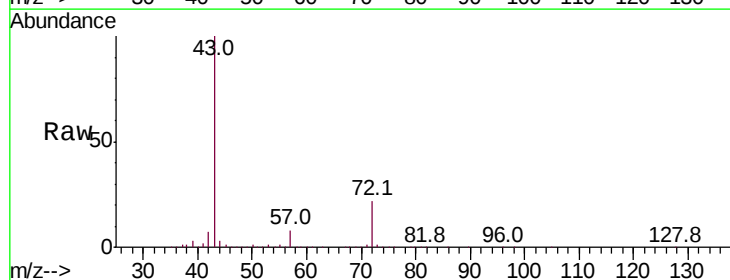
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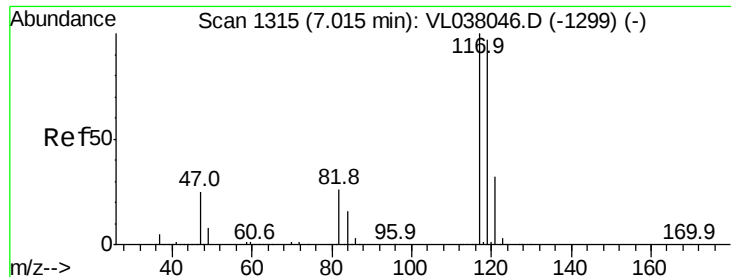
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 10.823 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion: 43 Resp: 1011266
 Ion Ratio Lower Upper
 43 100
 72 23.5 18.2 27.2



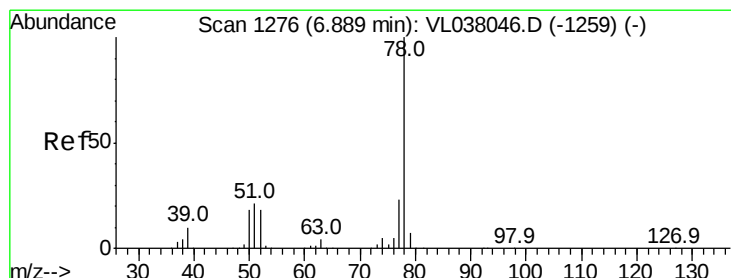
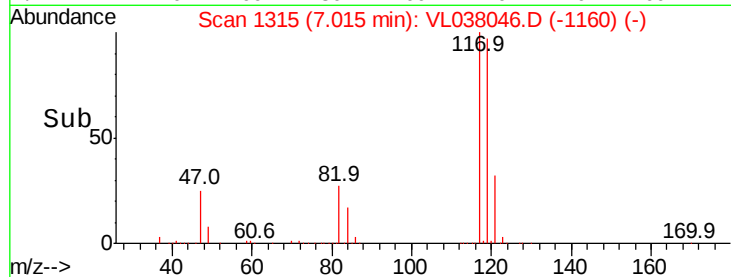
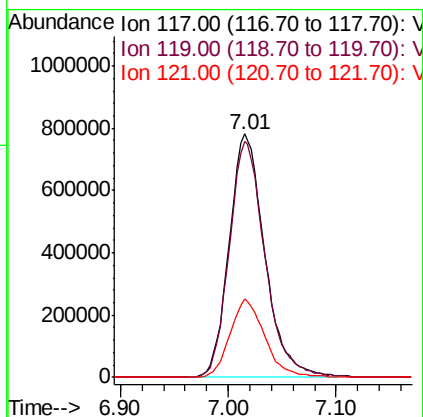
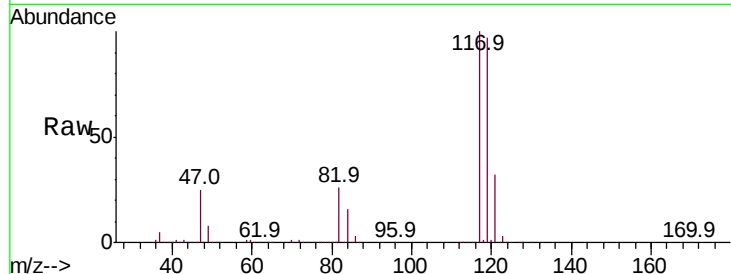


#35
Carbon Tetrachloride
Concen: 9.206 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

Tot Ion:1
Ion Rati
117 100
119 97.
121 32.

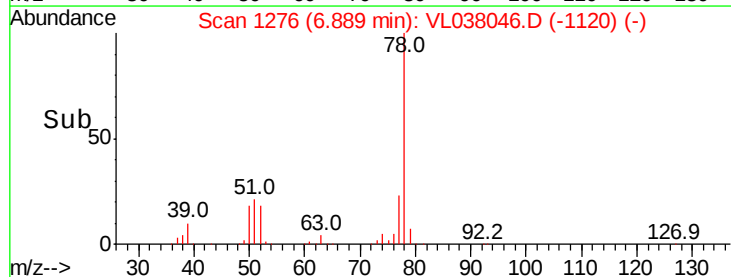
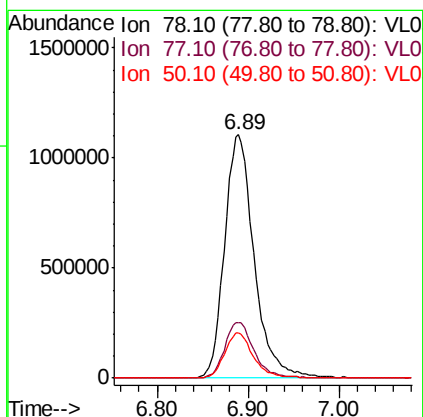
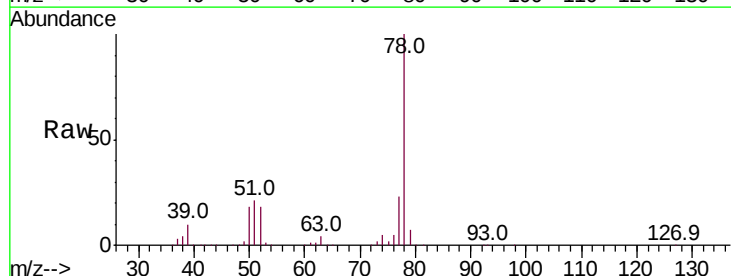
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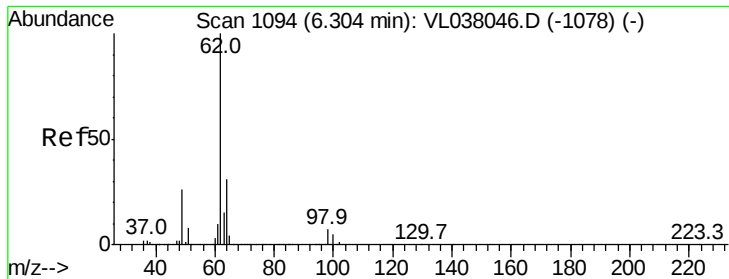
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 9.252 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 78 Resp: 2493139
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2
50 18.4 14.9 22.3



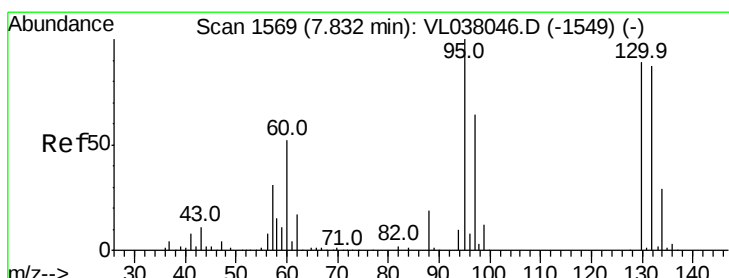
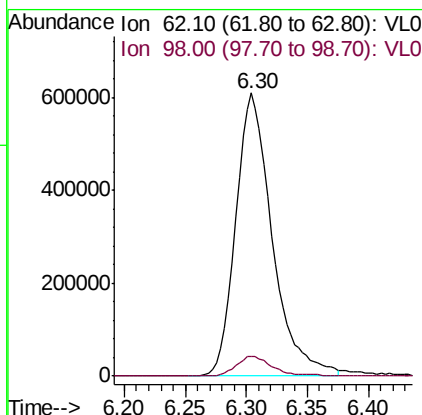
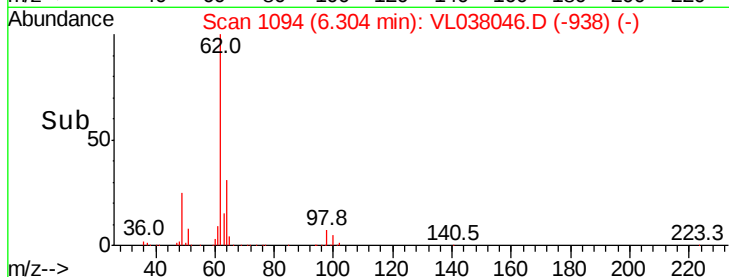
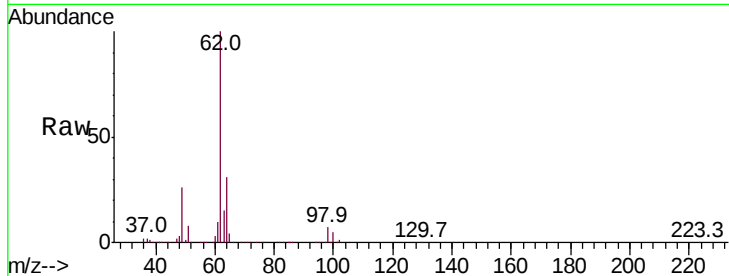


#37
 1,2-Dichloroethane
 Concen: 10.097 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 62 100
 98 7.

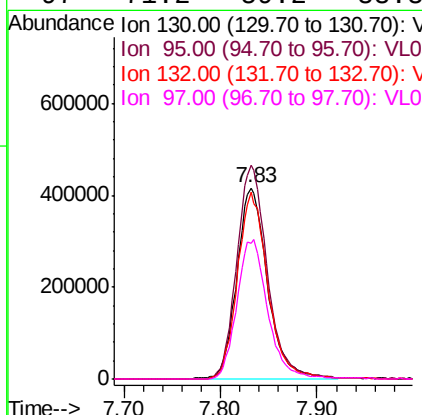
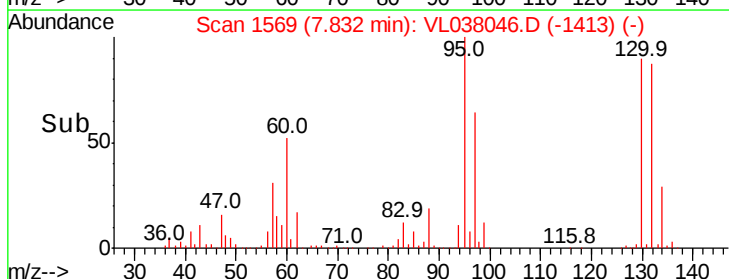
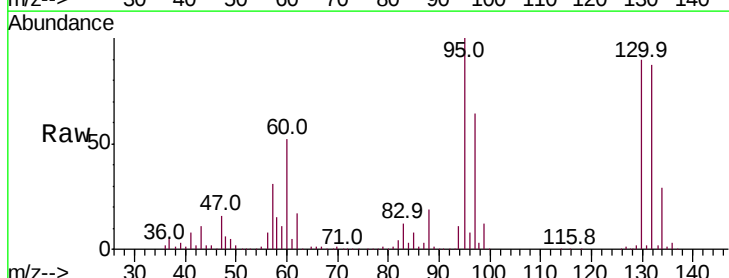
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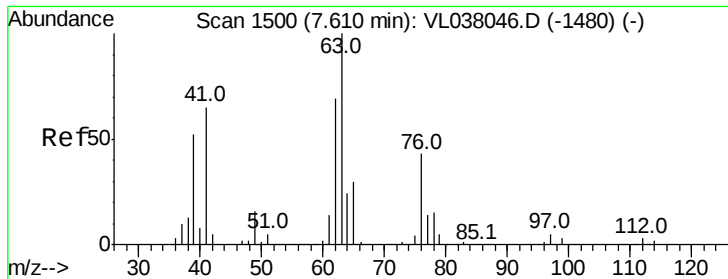
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 8.383 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:130 Resp: 917773
 Ion Ratio Lower Upper
 130 100
 95 111.8 90.5 135.7
 132 97.7 77.4 116.0
 97 71.2 59.2 88.8



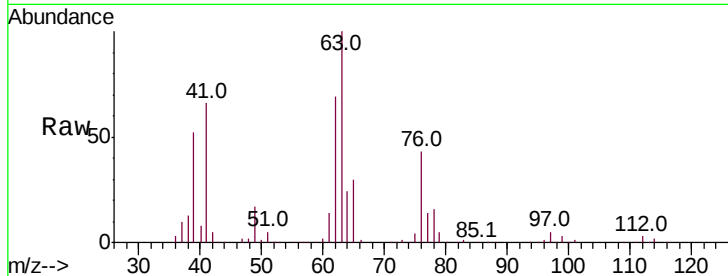


#39
 1,2-Dichloropropane
 Concen: 9.442 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 8:47

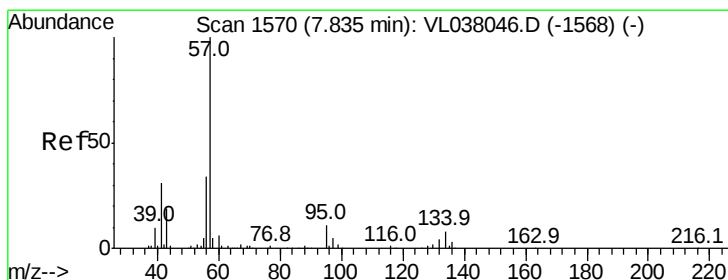
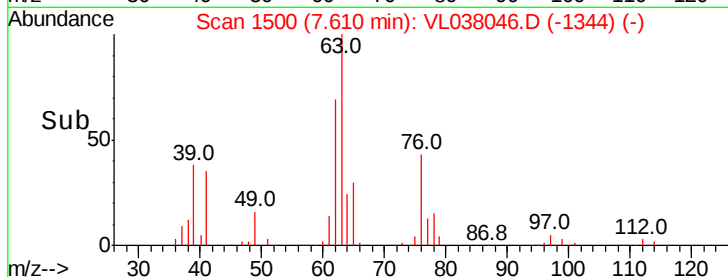
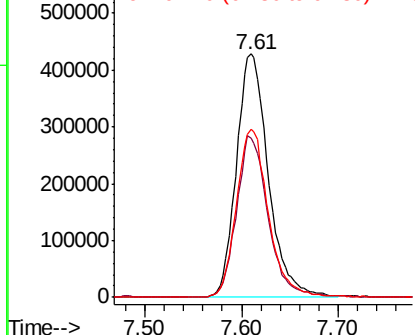
Tot Ion:
 Ion Ratio
 63 100
 41 65.
 62 68.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

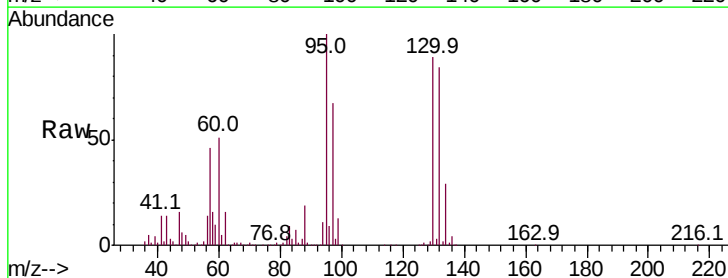


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

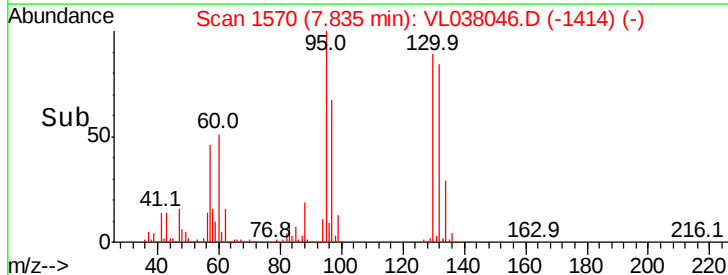
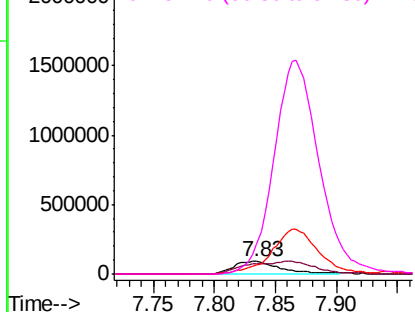


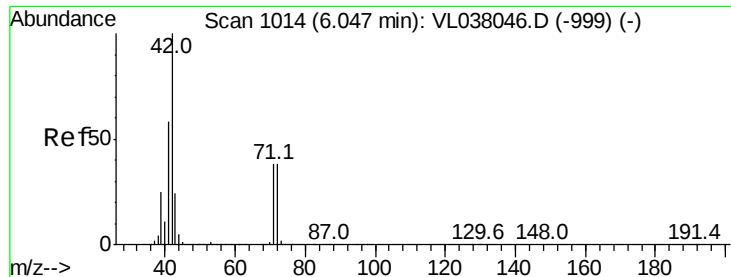
#40
 1,4-Dioxane
 Concen: 8.976 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion: 88 Resp: 241105
 Ion Ratio Lower Upper
 88 100
 58 151.9 0.0 0.0#
 43 366.6 0.0 0.0#
 57 1665.7 0.0 0.0#



Abundance Ion 88.10 (87.80 to 88.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0



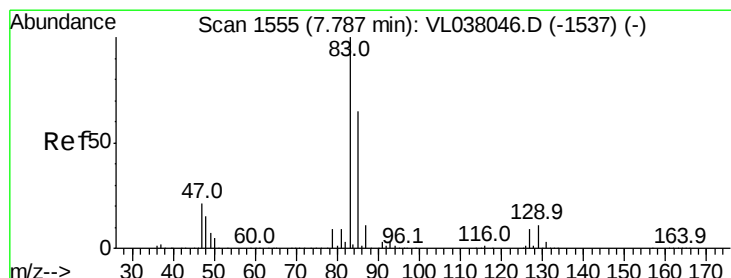
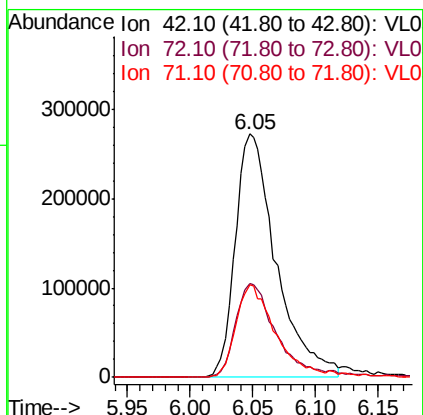
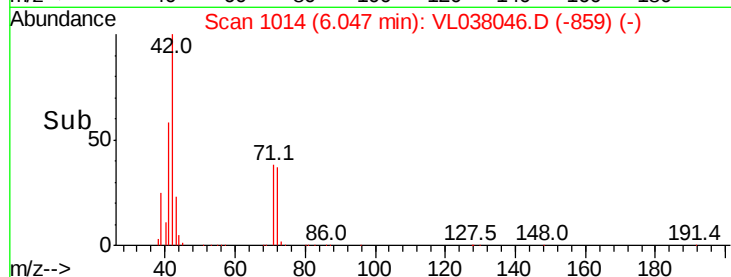
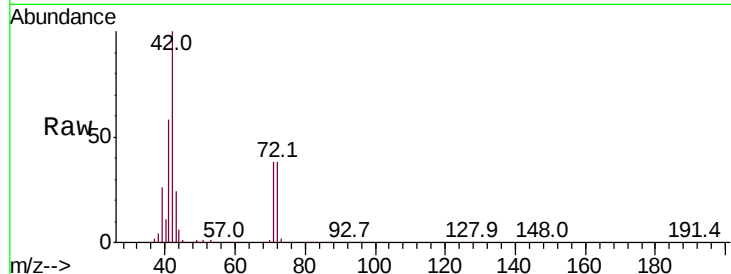


#41
Tetrahydrofuran
Concen: 9.205 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
42 100
72 39.
71 38.

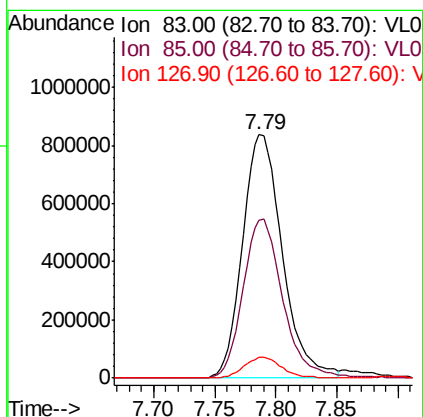
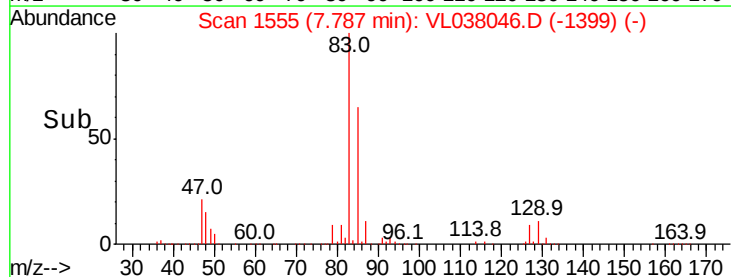
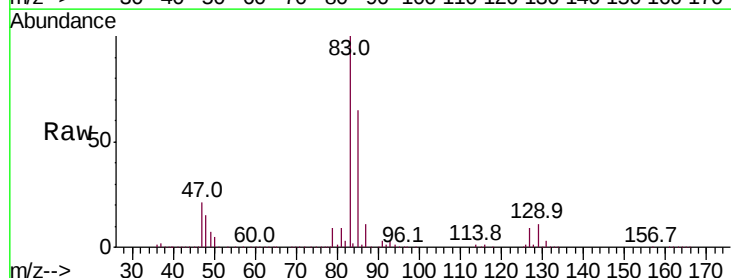
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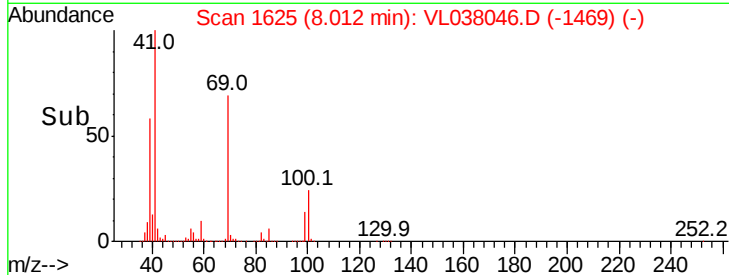
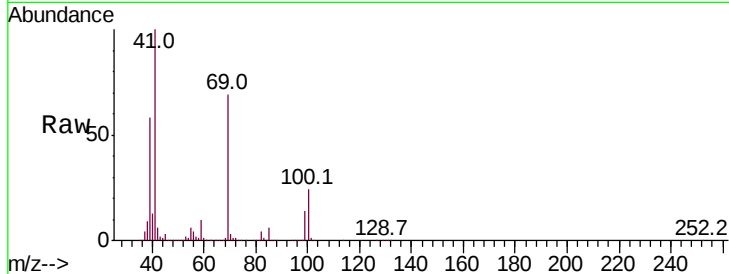
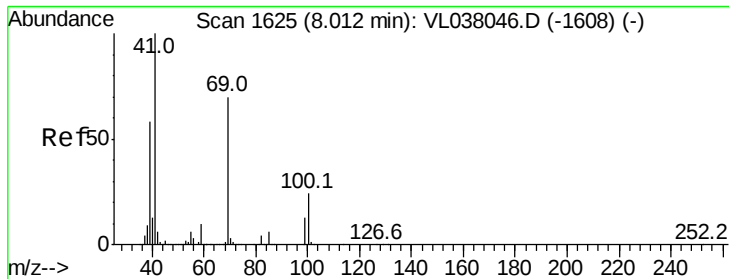
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 9.589 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 83 Resp: 1888164
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4
127 8.5 6.6 10.0



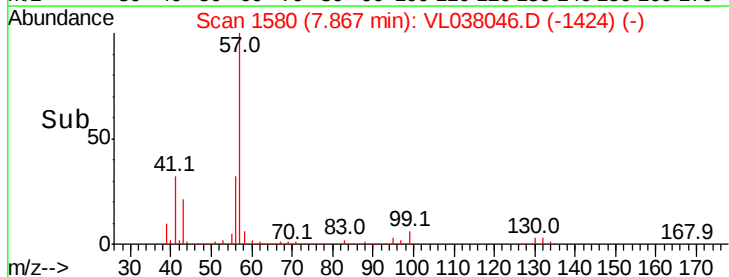
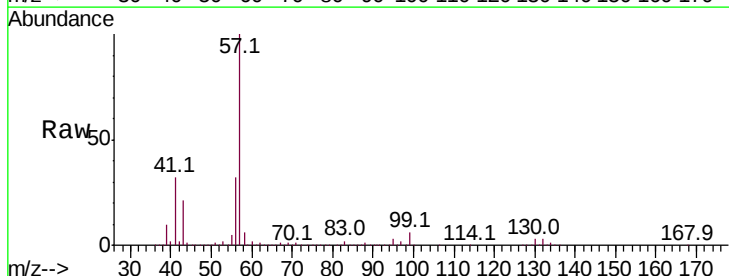
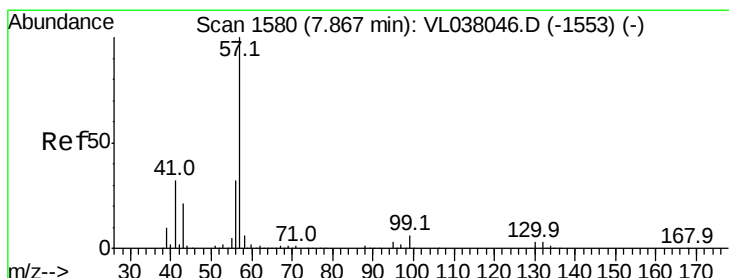
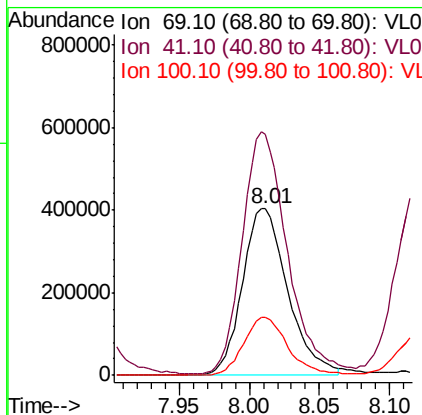


#43
Methvl Methacrvlate
Concen: 9.476 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
69 100
41 145.
100 34.

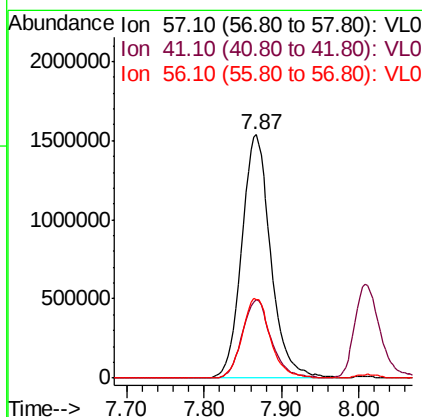
Manual Integrations
APPROVED

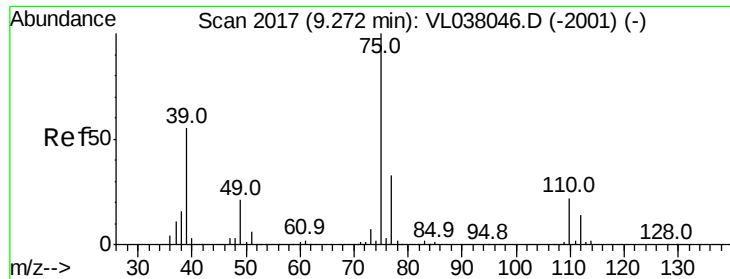
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
2,2,4-Trimethylpentane
Concen: 8.667 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 57 Resp: 4011993
Ion Ratio Lower Upper
57 100
41 32.2 26.2 39.2
56 32.0 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.348 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 8:47 VSTDICCC010

Tot Ion:

Ion Ratio

75 100

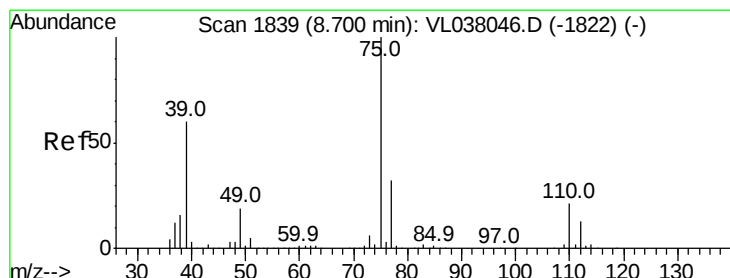
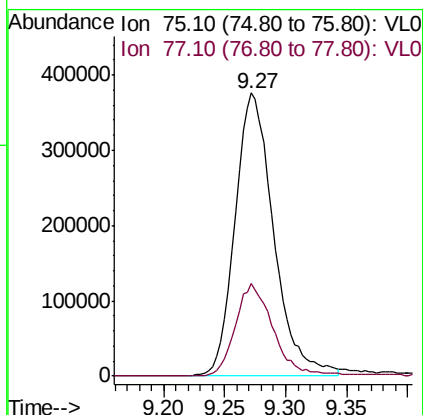
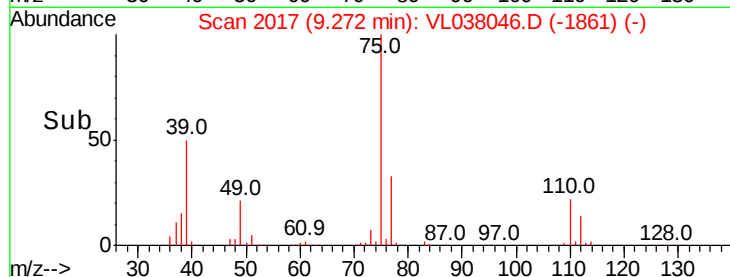
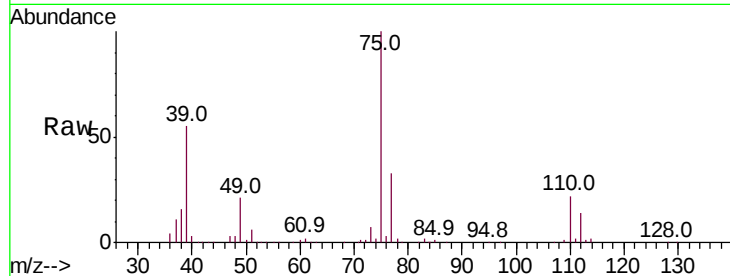
77 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#46

cis-1,3-Dichloropropene

Concen: 9.793 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

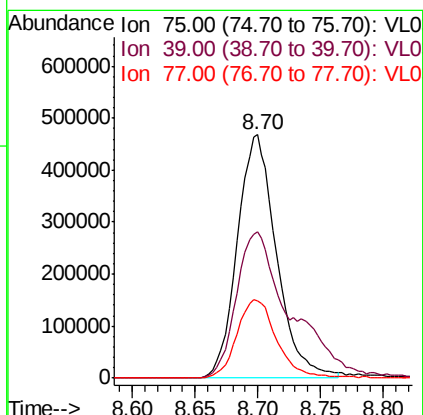
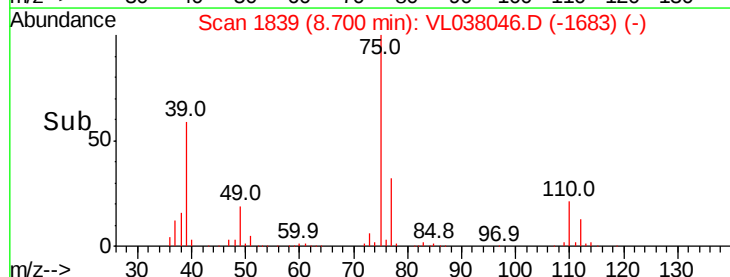
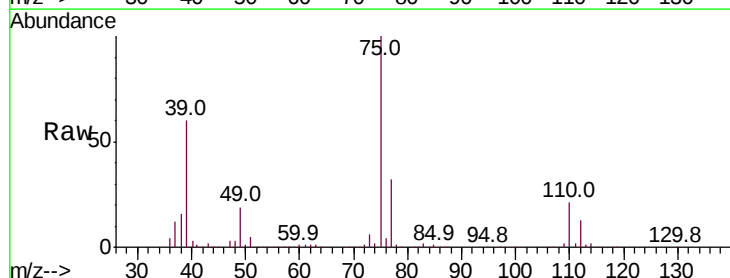
Tgt Ion: 75 Resp: 1018824

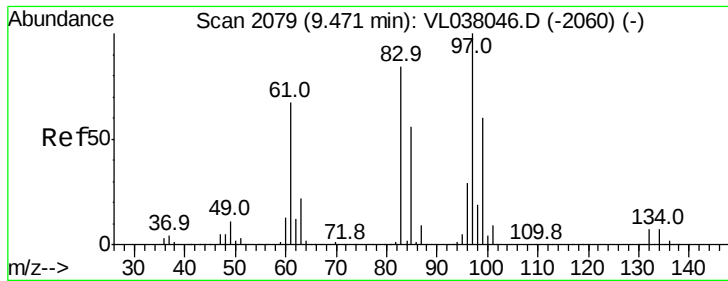
Ion Ratio Lower Upper

75 100

39 59.8 49.2 73.8

77 31.9 25.3 37.9



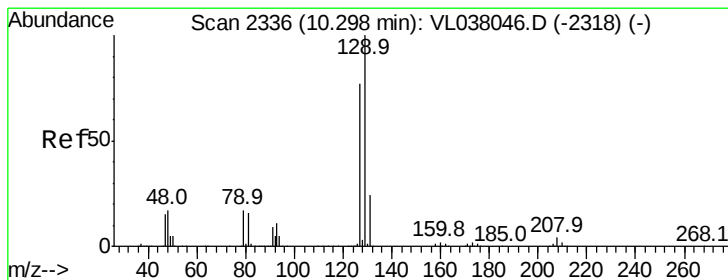
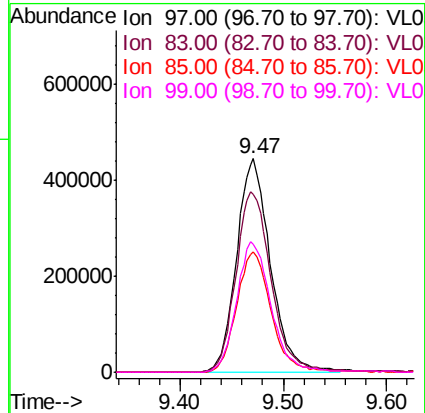
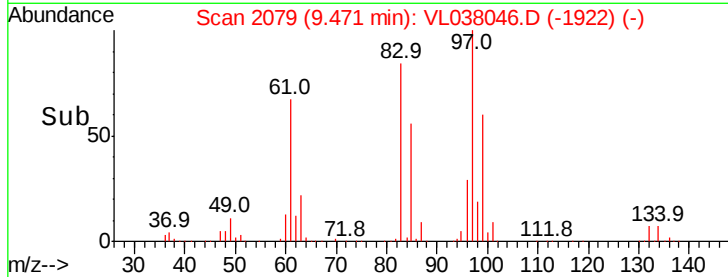
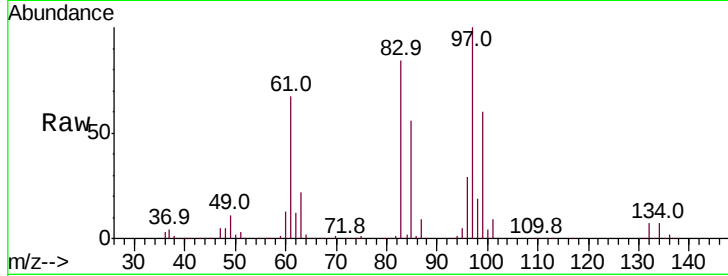


#47
 1,1,2-Trichloroethane
 Concen: 9.609 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 97 100
 83 83.3
 85 56.1
 99 60.0 49.0 73.4

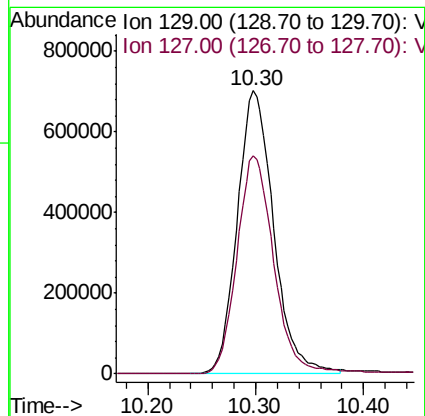
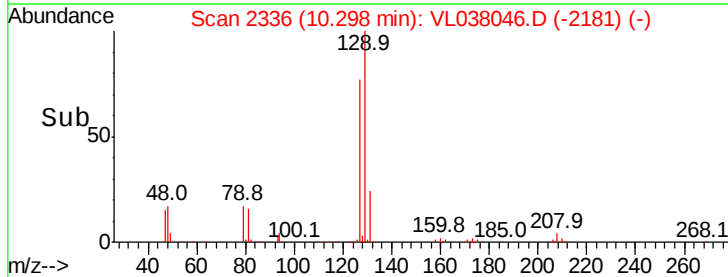
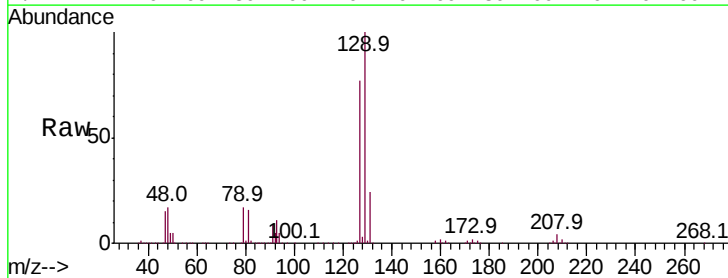
Manual Integrations
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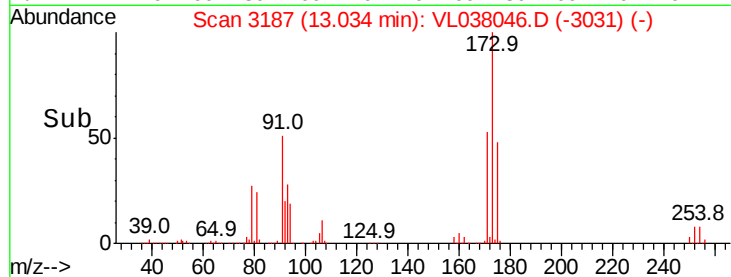
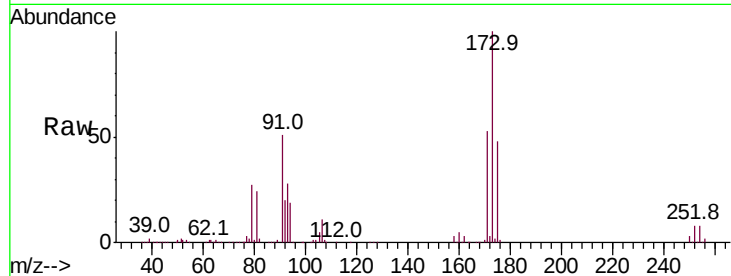
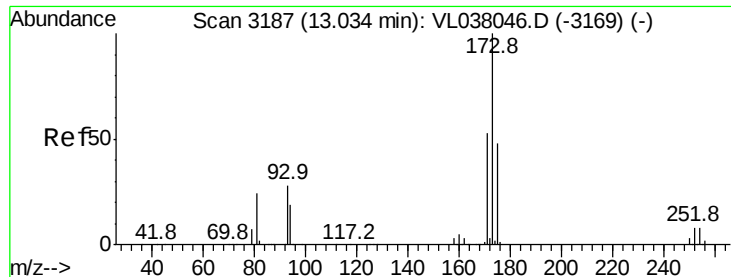
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#48
 Dibromochloromethane
 Concen: 9.596 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:129 Resp: 1650705
 Ion Ratio Lower Upper
 129 100
 127 78.7 40.1 120.3





#49

Bromoform

Concen: 8.941 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 8:47

Tot Ion:1

Ion Ratio

173 100

175 53.

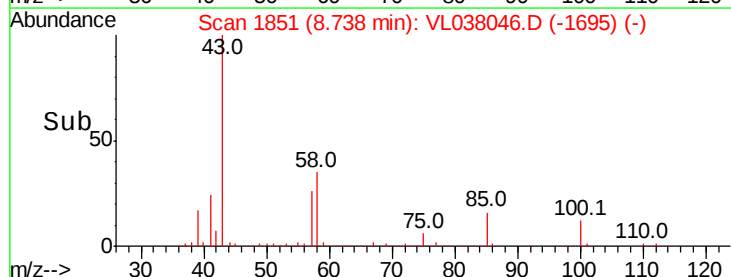
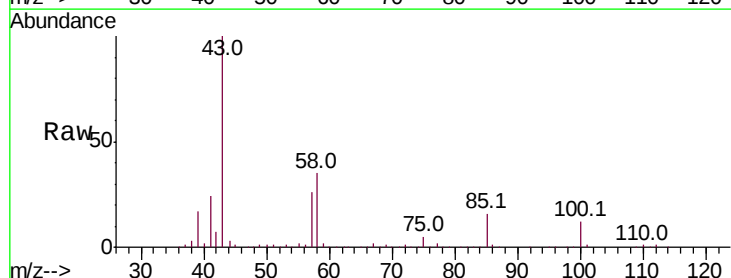
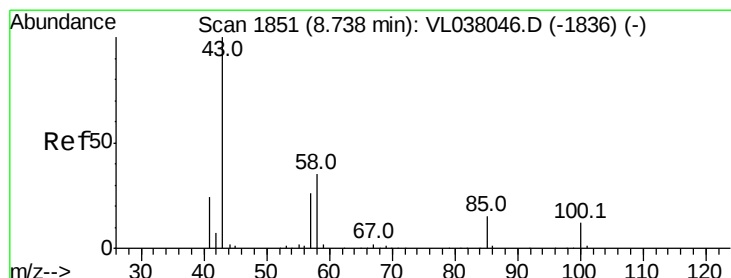
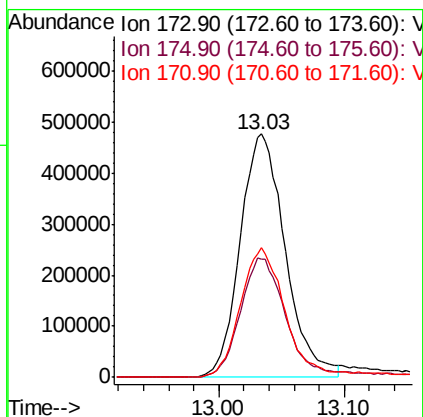
171 55.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#50

4-Methyl-2-Pentanone

Concen: 9.528 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL038046.D

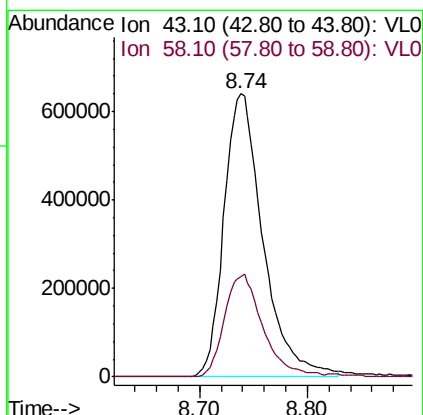
Acq: 18 Nov 2021 8:47

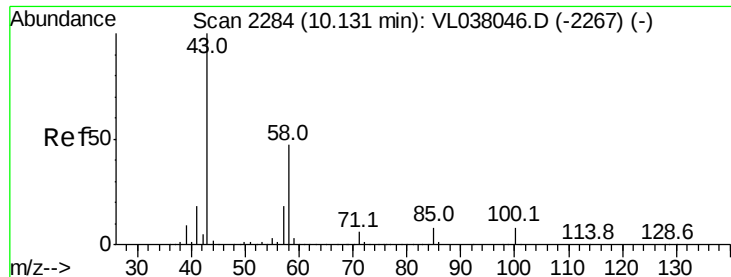
Tgt Ion: 43 Resp: 1605269

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6





#51

2-Hexanone

Concen: 9.615 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

43 100

58 51.

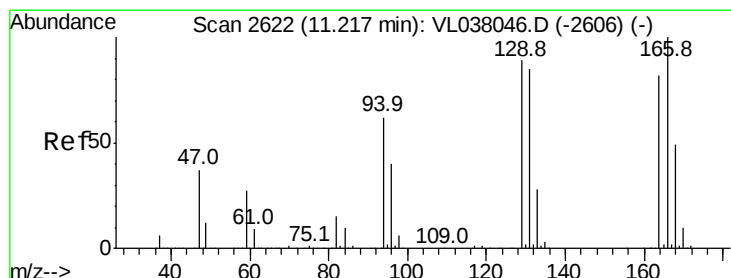
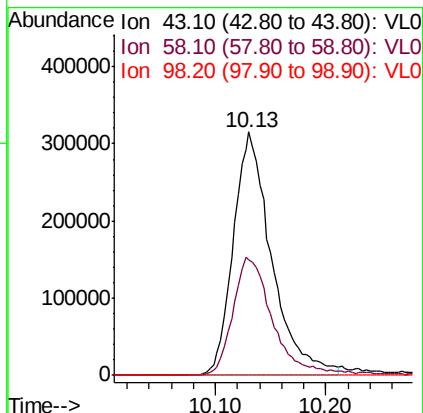
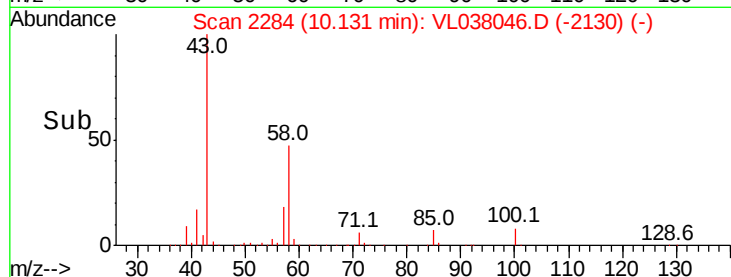
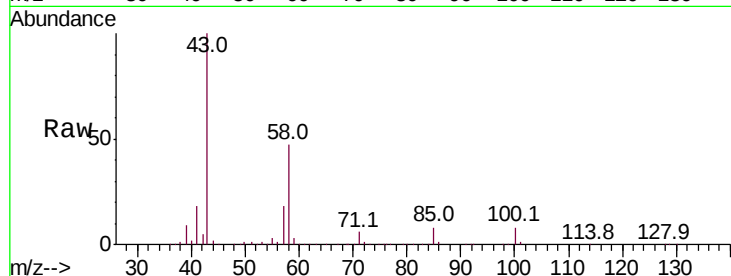
98 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#52

Tetrachloroethene

Concen: 8.291 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. -0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

Tgt Ion:164 Resp: 843423

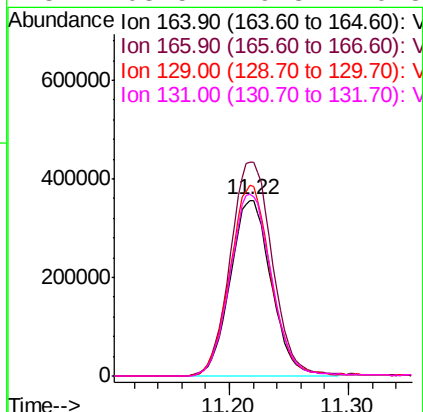
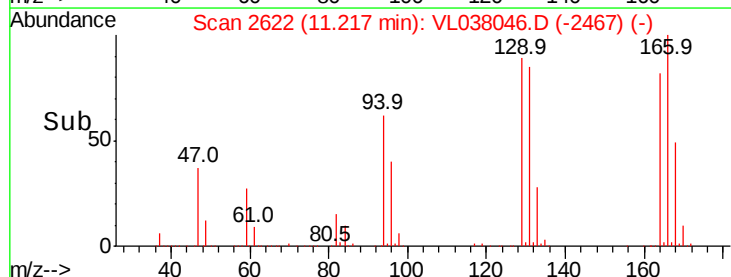
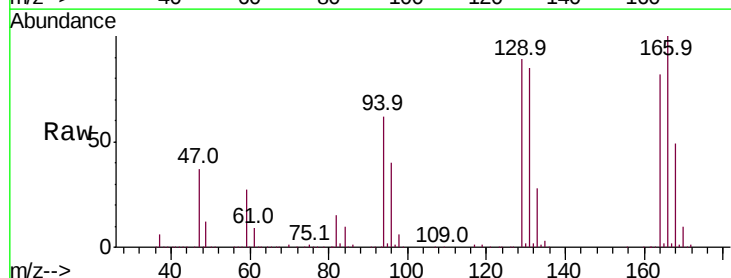
Ion Ratio Lower Upper

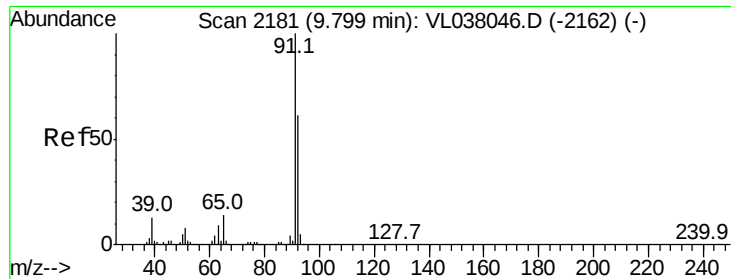
164 100

166 121.5 98.6 148.0

129 108.6 84.1 126.1

131 103.5 79.8 119.8





#53

Toluene

Concen: 9.121 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 8:47

Tot Ion:

Ion Ratio

91 100

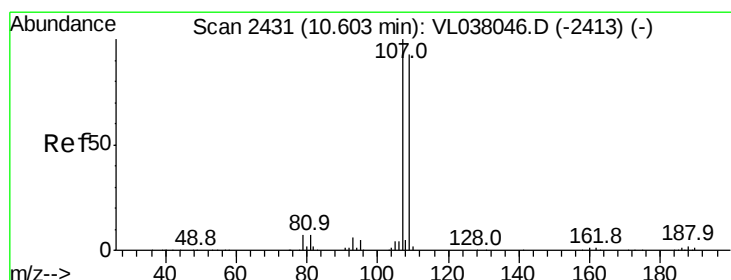
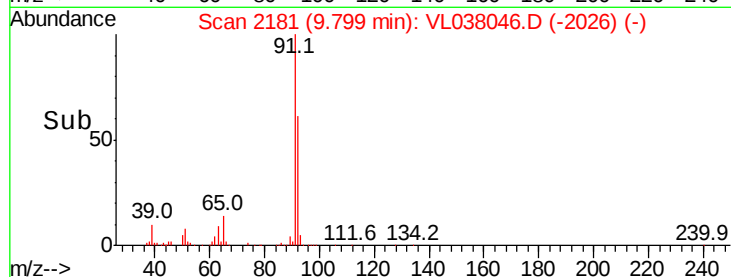
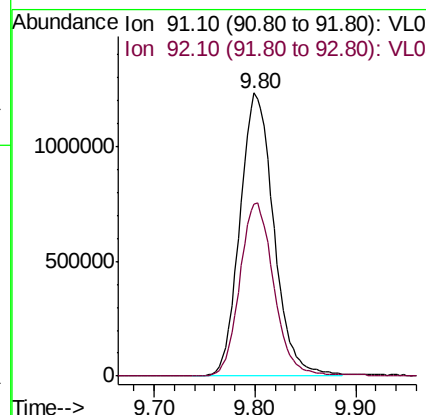
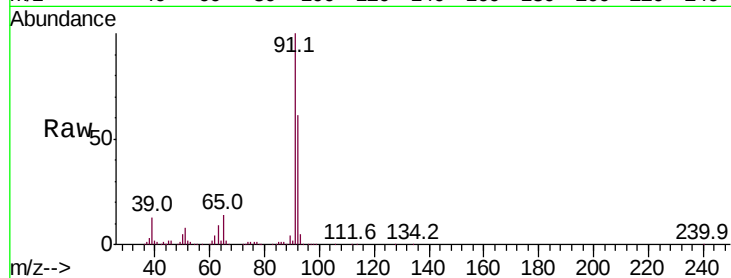
92 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 9.854 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038046.D

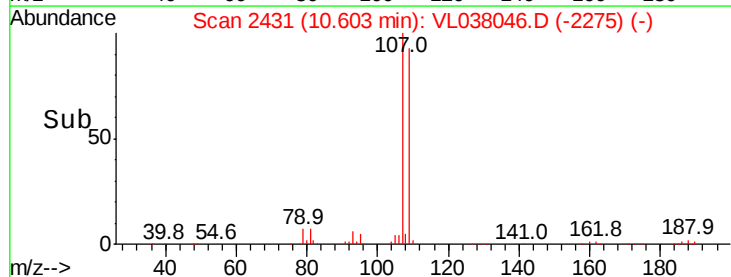
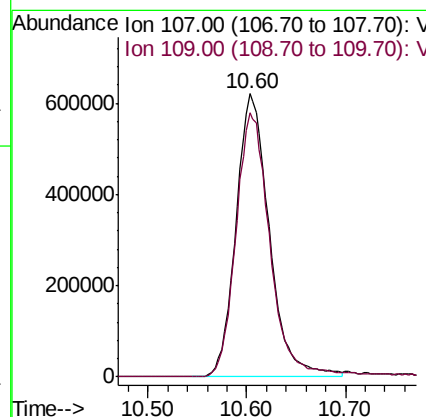
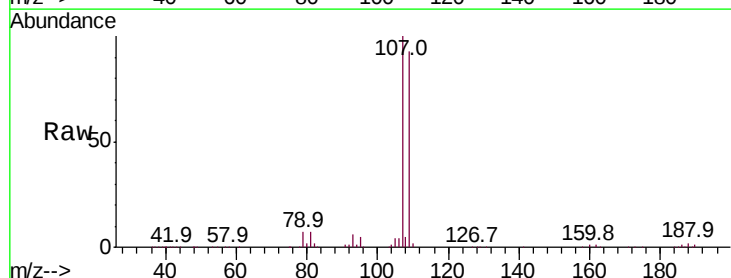
Acq: 18 Nov 2021 8:47

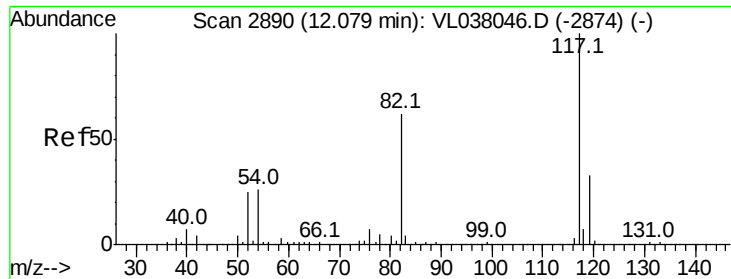
Tgt Ion:107 Resp: 1460738

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.6



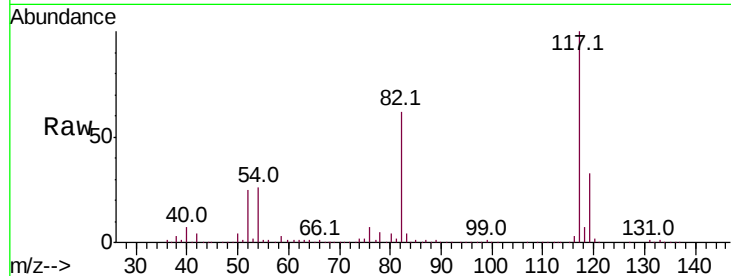


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

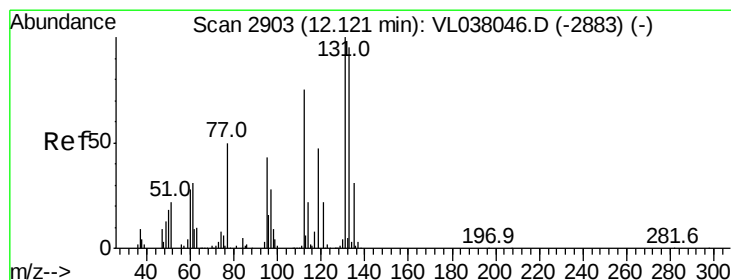
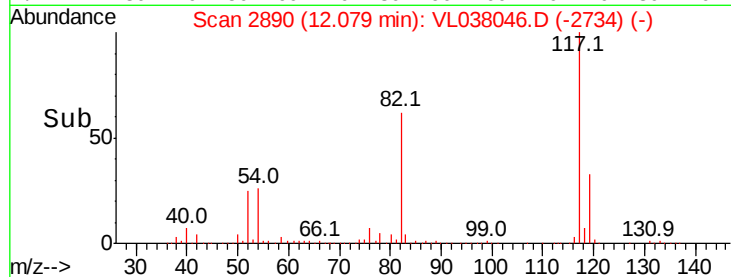
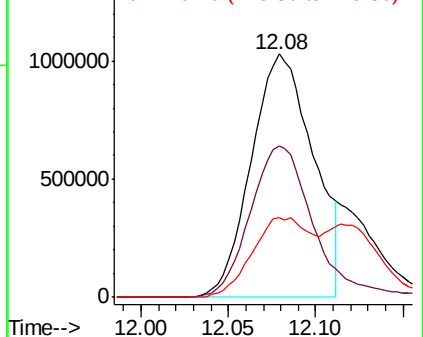
Tot Ion:1
Ion Rati
117 100
82 66.
119 33.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021

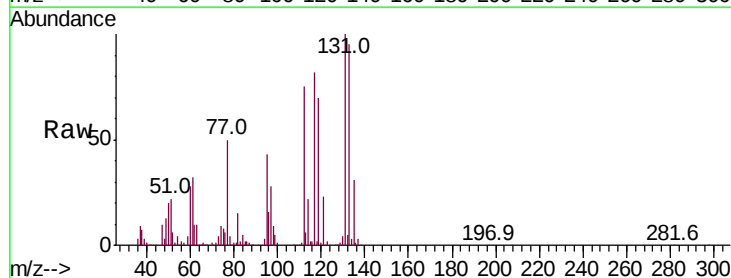


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

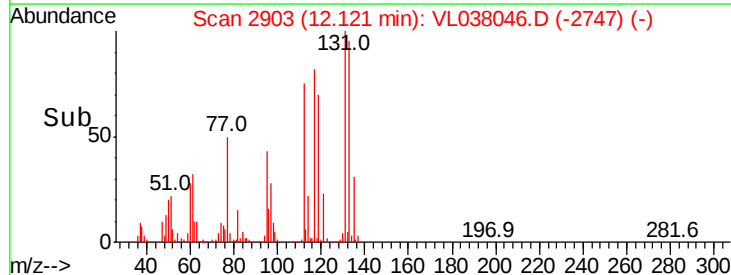
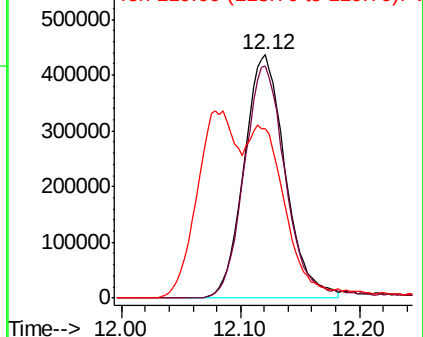


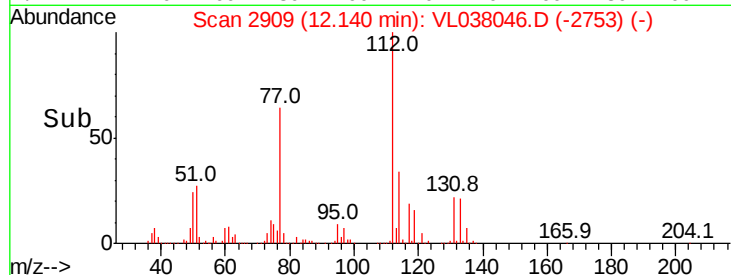
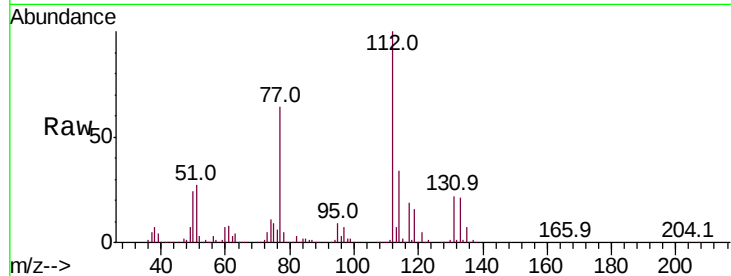
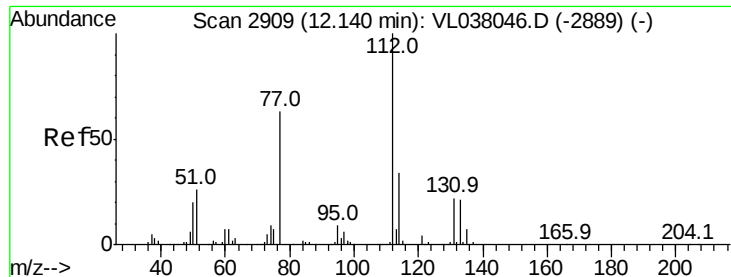
#56
1,1,1,2-Tetrachloroethane
Concen: 9.424 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion:131 Resp: 1046190
Ion Ratio Lower Upper
131 100
133 98.5 79.4 119.2
119 70.4 122.4 183.6#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



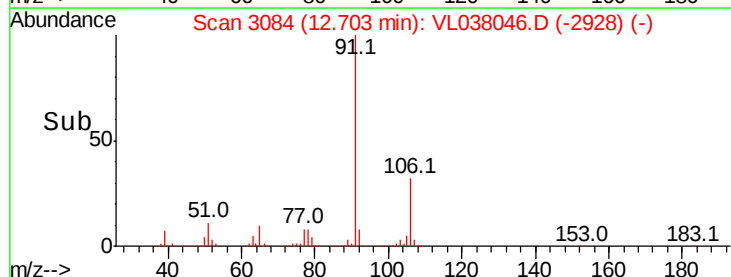
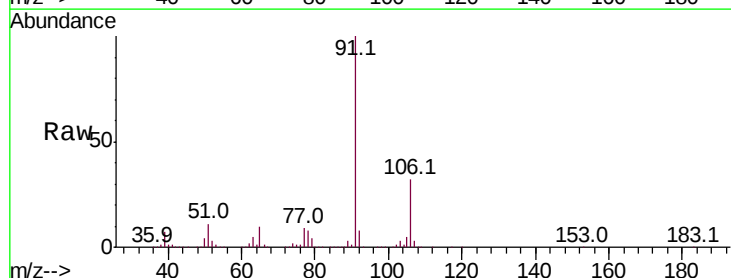
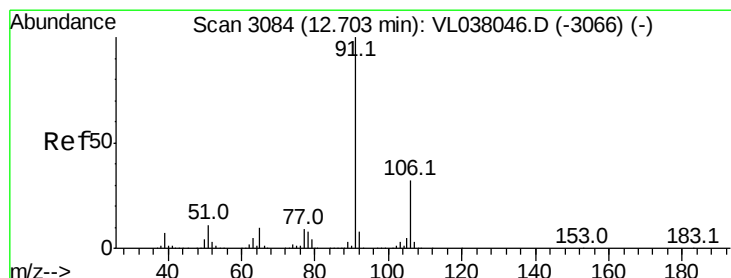
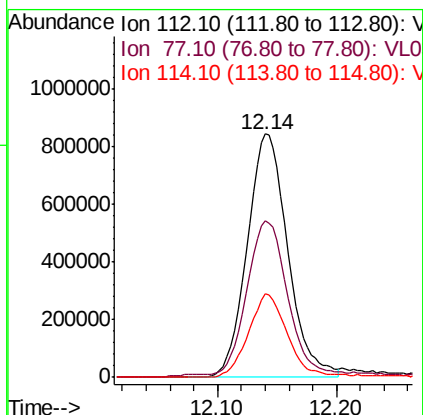


#57
Chlorobenzene
Concen: 9.575 ppbv
RT: 12.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDICCC010
Acq: 18 Nov 2021 8:47

Tot Ion: 1
Ion Ratio
112 100
77 62.
114 34.

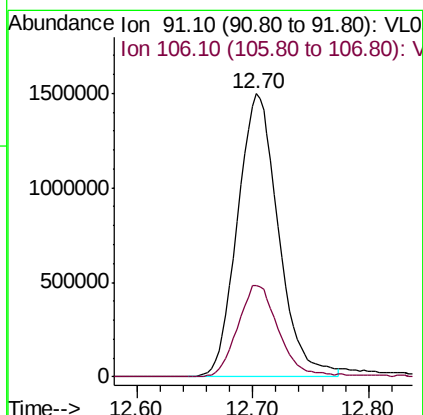
Manual Integrations
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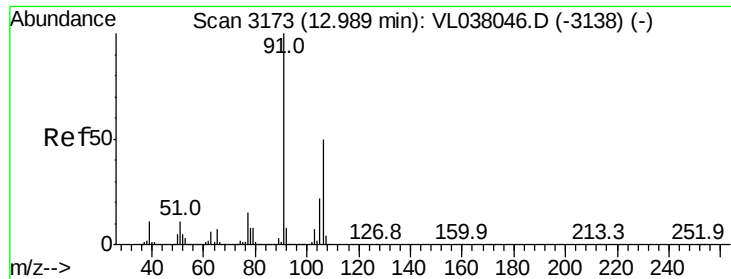
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 9.494 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 91 Resp: 3666010
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



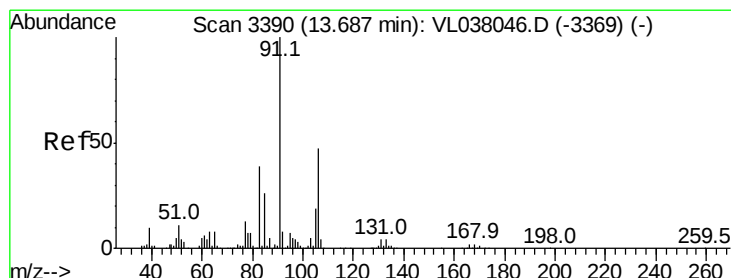
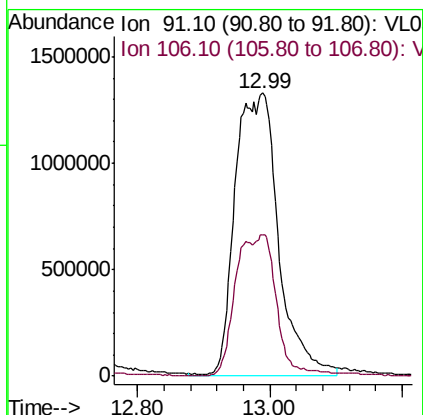
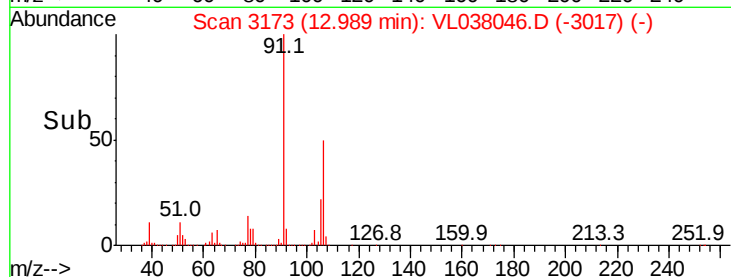
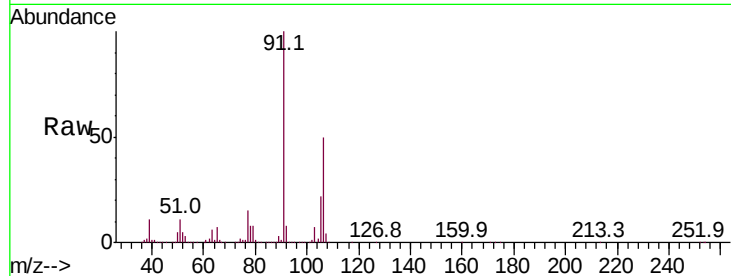


#59
m/p-Xylene
Concen: 18.884 ppbv m
RT: 12.99
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 18 Nov 2021 8:47

Tot Ion:
Ion Ratio
91 100
106 47.

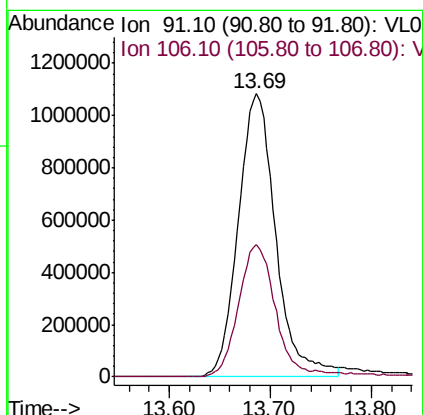
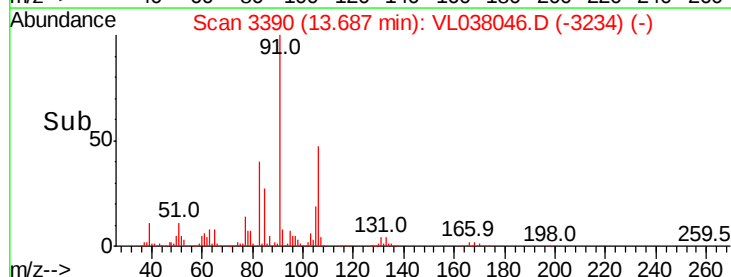
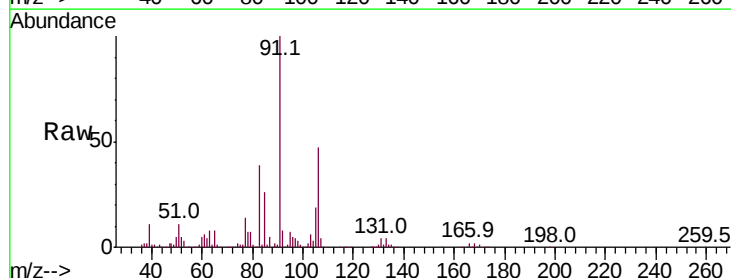
Manual Integrations
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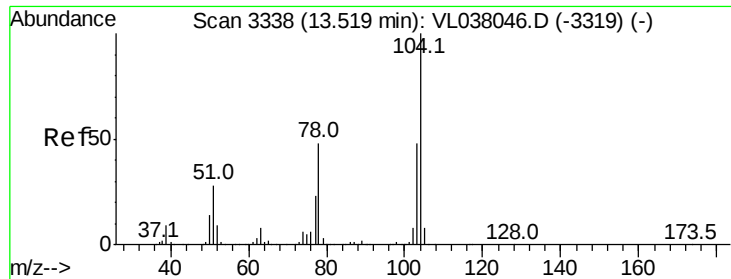
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 9.360 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 91 Resp: 2787932
Ion Ratio Lower Upper
91 100
106 48.4 24.4 73.2



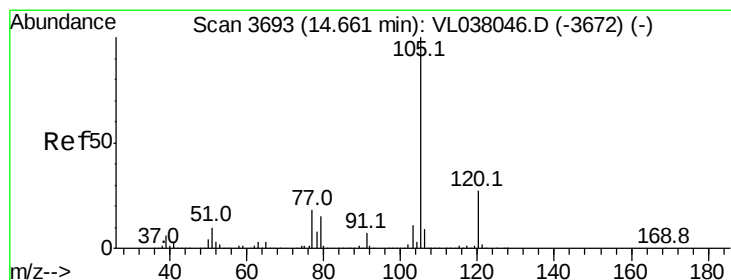
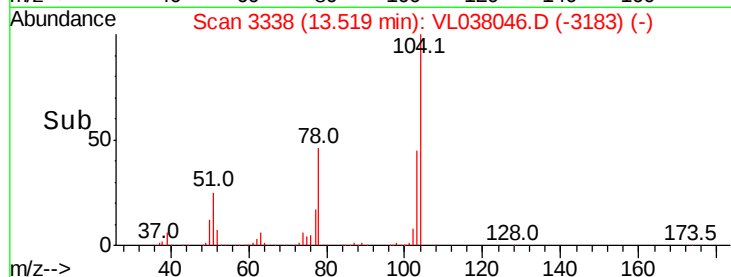
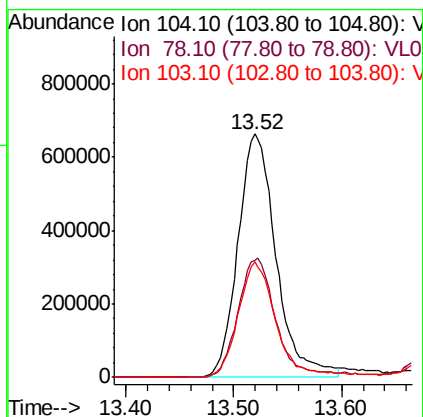
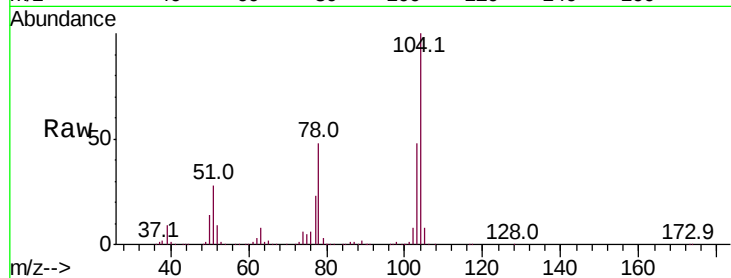


#61
Stvrene
Concen: 9.832 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 18 Nov 2021 8:47

Tot Ion:1
Ion Rati
104 100
78 49.
103 47.

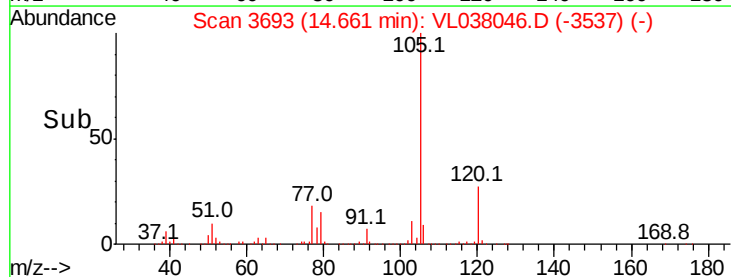
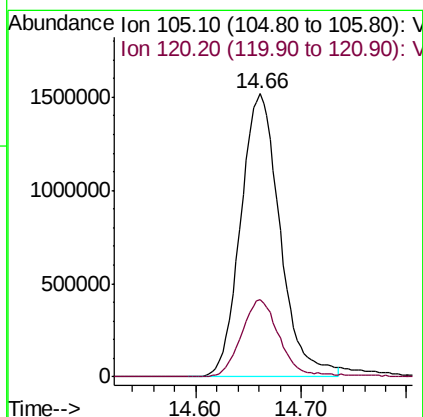
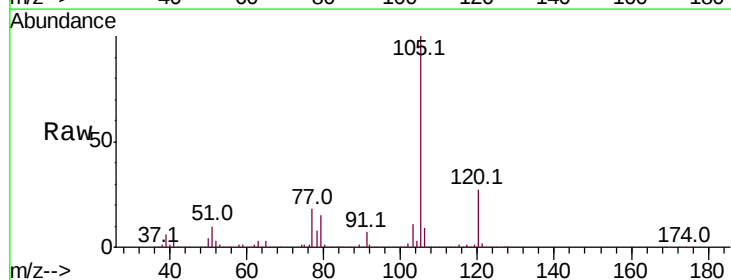
Manual Integrations
APPROVED

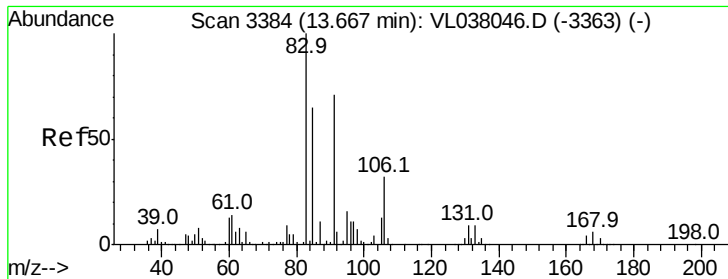
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 9.164 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion:105 Resp: 3946371
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5



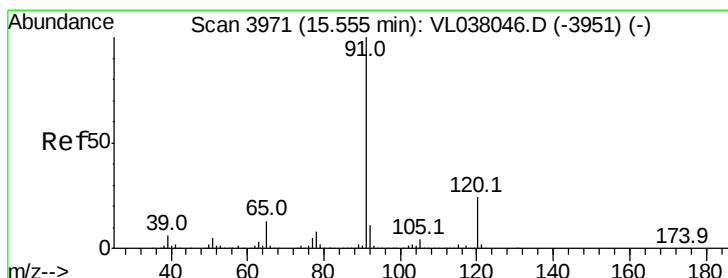
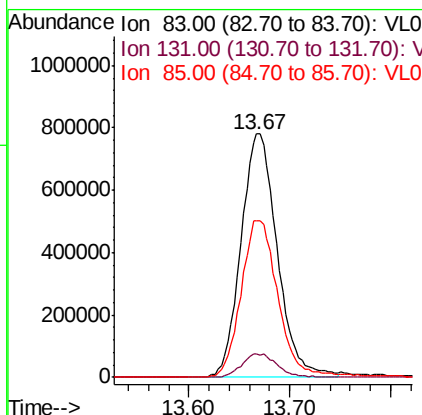
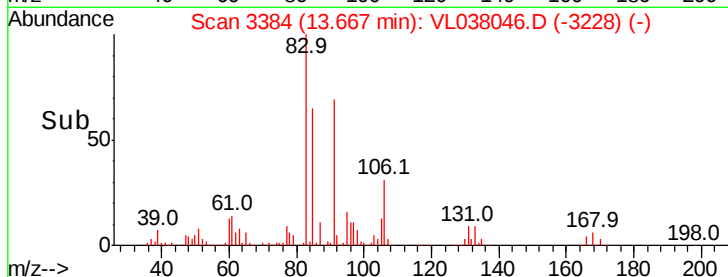
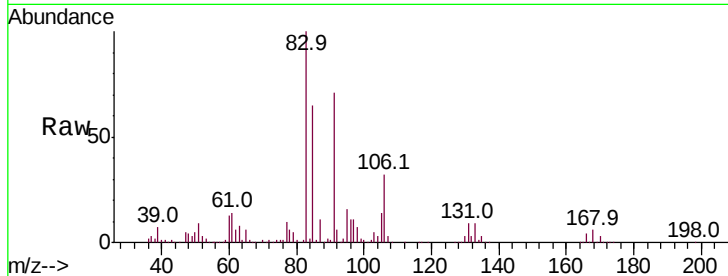


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.734 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

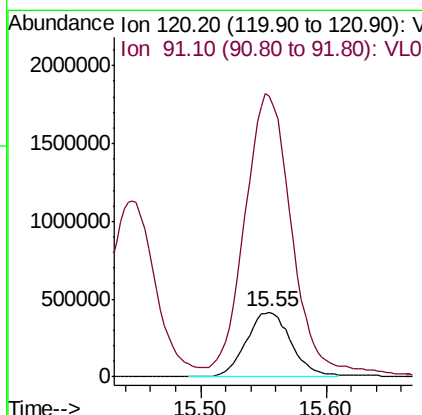
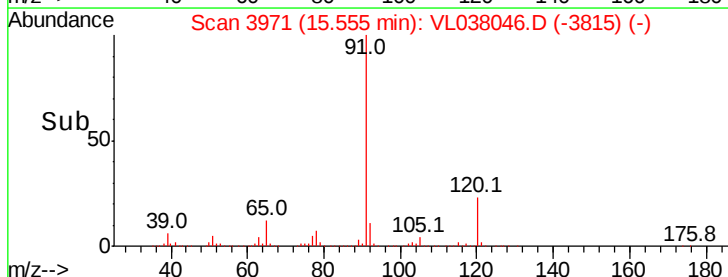
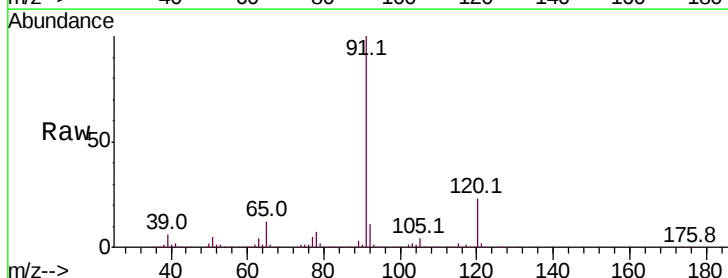
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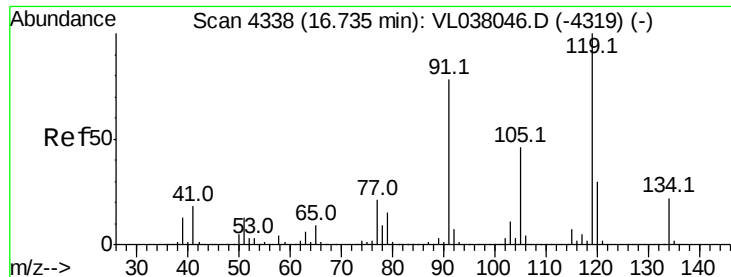
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#64
 n-propylbenzene
 Concen: 9.480 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:120 Resp: 1040798
 Ion Ratio Lower Upper
 120 100
 91 464.6 366.7 550.1



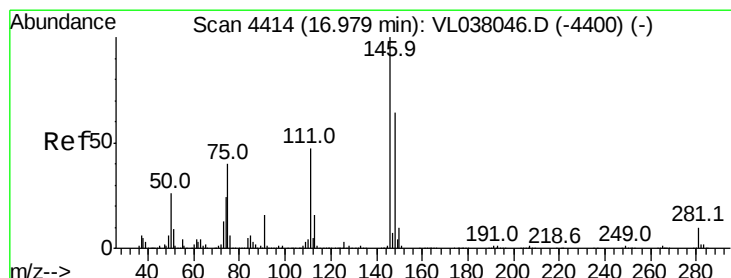
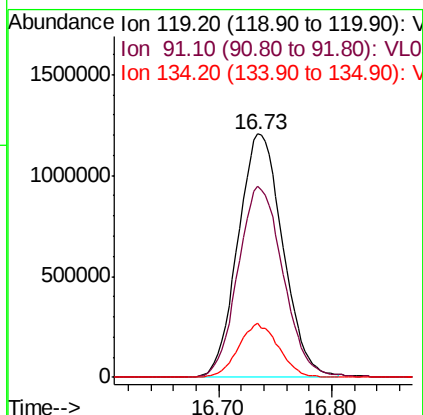
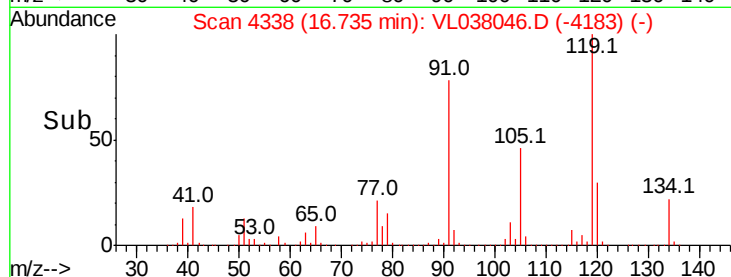
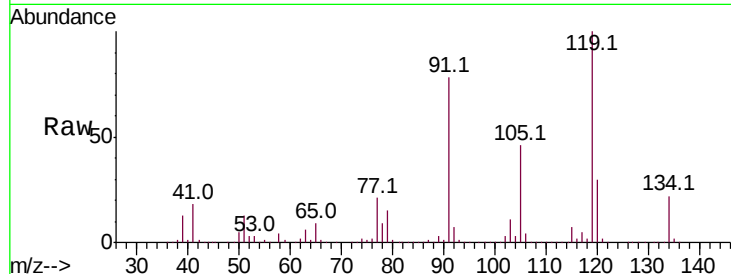


#65
tert-Butylbenzene
Concen: 8.799 ppbv
RT: 16.73 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
VSTDICCC010
Acq: 18 Nov 2021 8:47

Tot Ion: 1
Ion Ratio
119 100
91 79.1
134 20.0

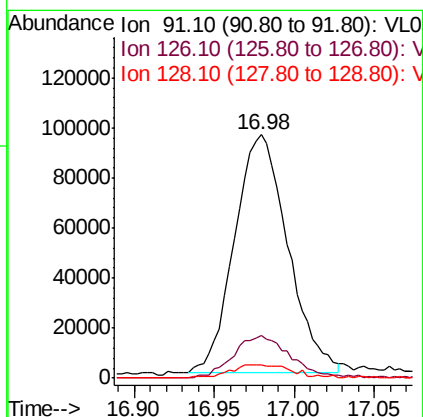
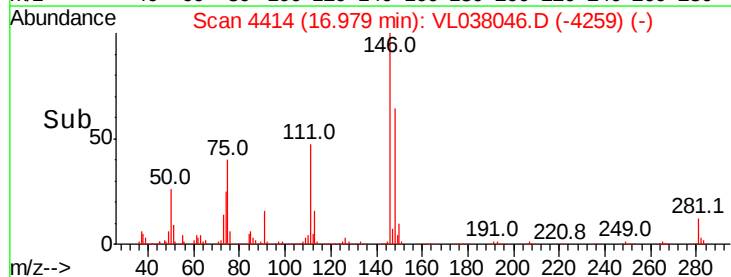
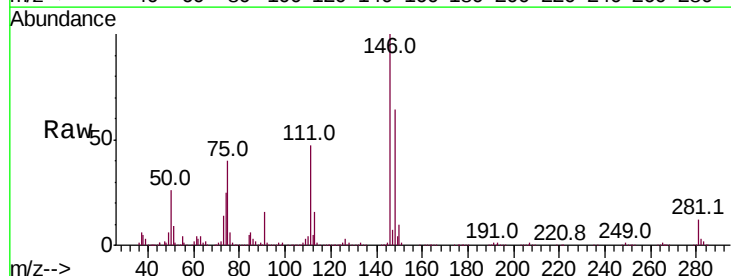
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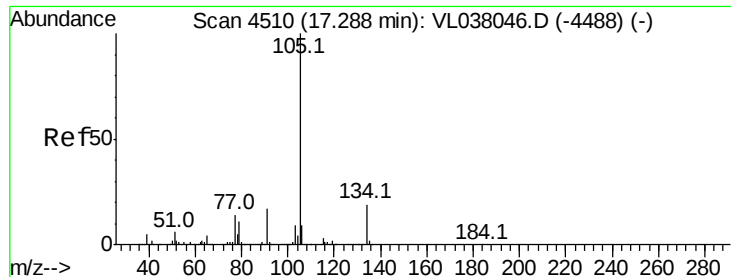
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 8.246 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 91 Resp: 217594
Ion Ratio Lower Upper
91 100
126 19.4 16.4 24.6
128 7.0 5.6 8.4





#67

sec-Butylbenzene

Concen: 9.028 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 8:47

Tot Ion:1

Ion Ratio

105 100

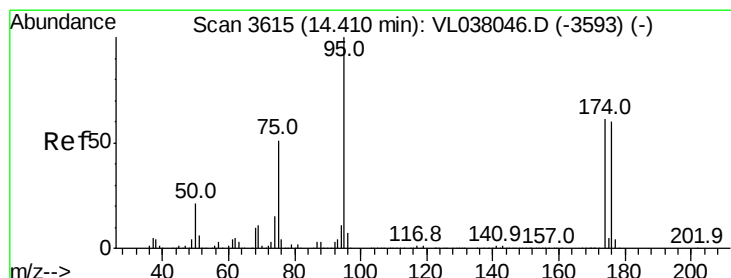
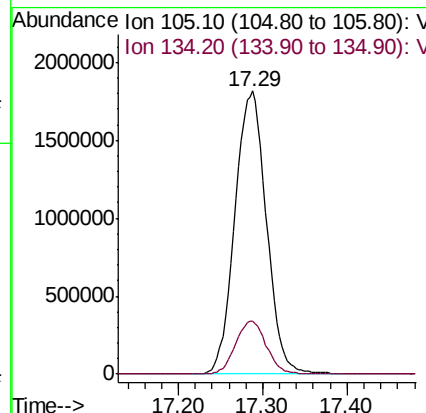
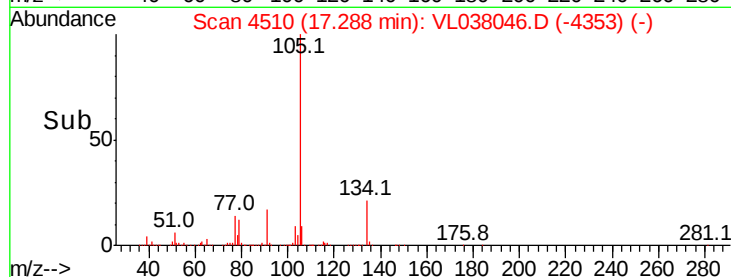
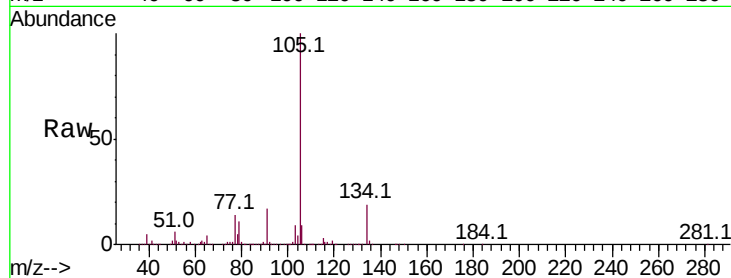
134 18.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.039 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

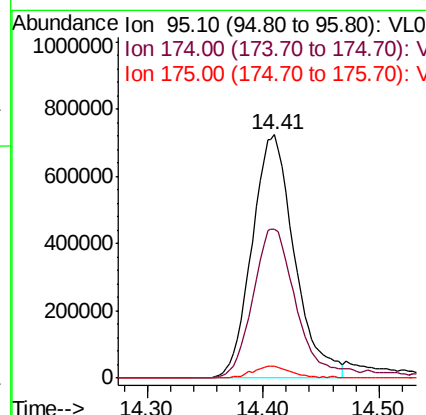
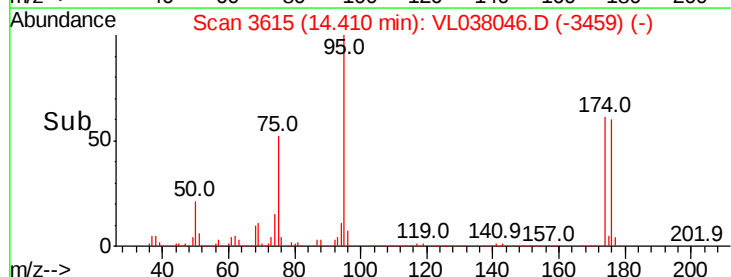
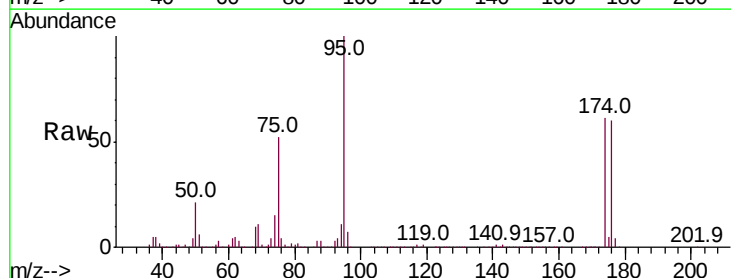
Tgt Ion: 95 Resp: 1844041

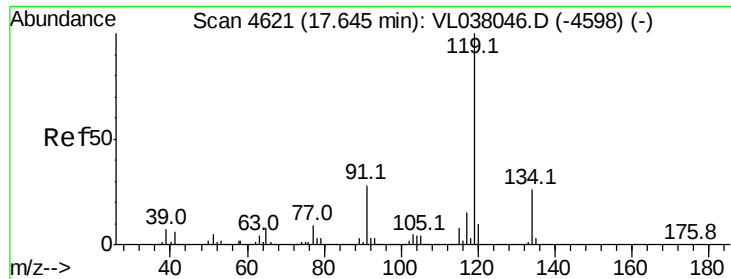
Ion Ratio Lower Upper

95 100

174 66.4 55.0 82.6

175 5.0 4.2 6.2



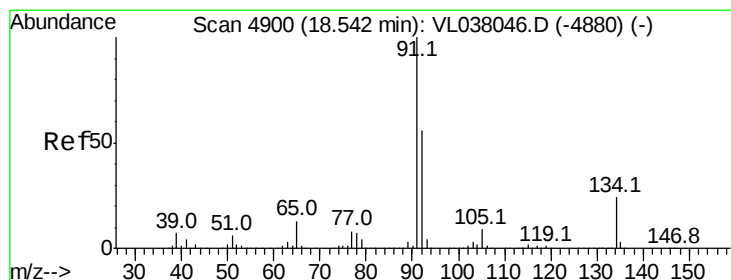
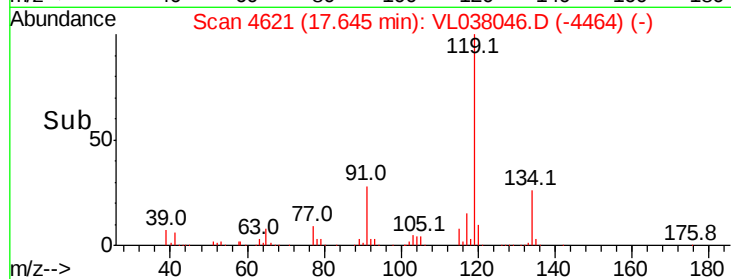
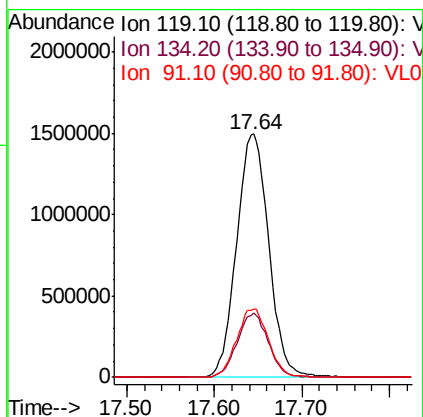
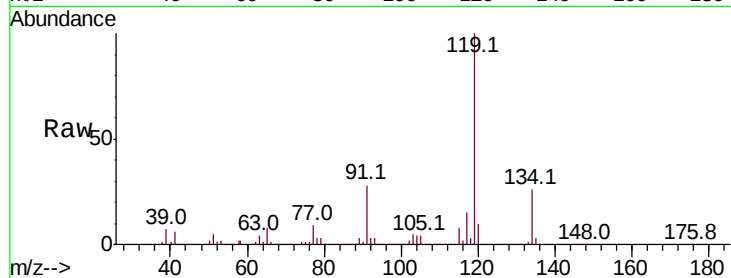


#69
 p-Isopropyltoluene
 Concen: 9.059 ppbv
 RT: 17.64 min
 Delta R.T. 0.00 min
 Lab File: VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 27.1

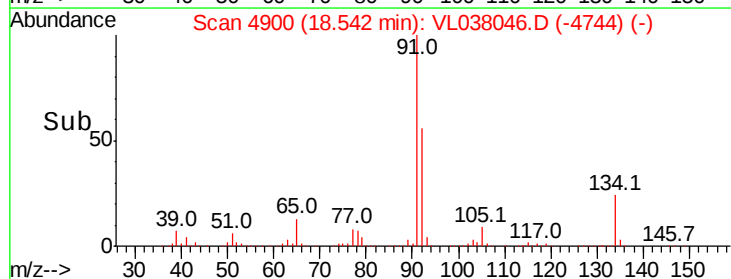
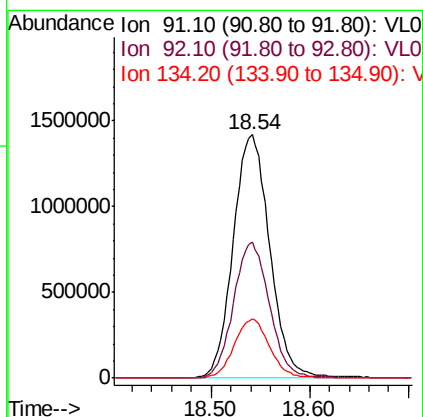
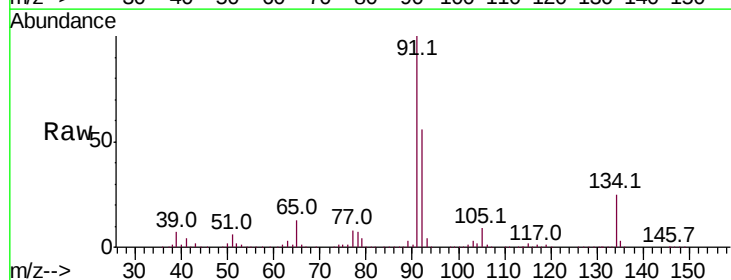
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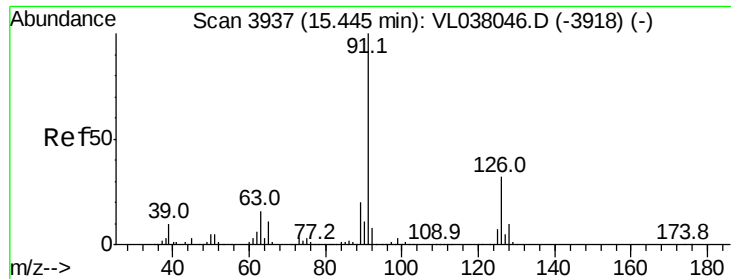
Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 9.465 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion: 91 Resp: 3651420
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.4 66.6
 134 23.6 19.7 29.5



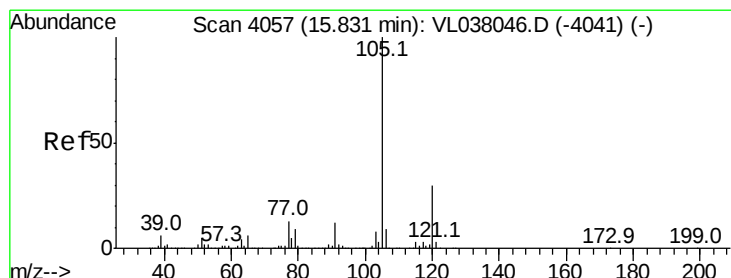
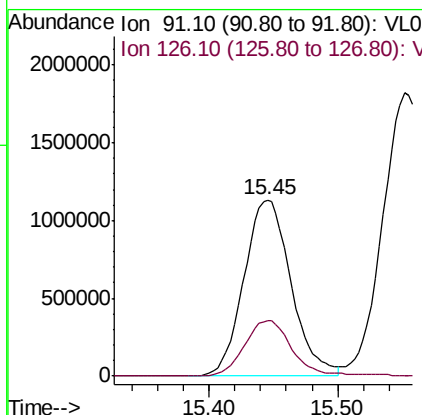
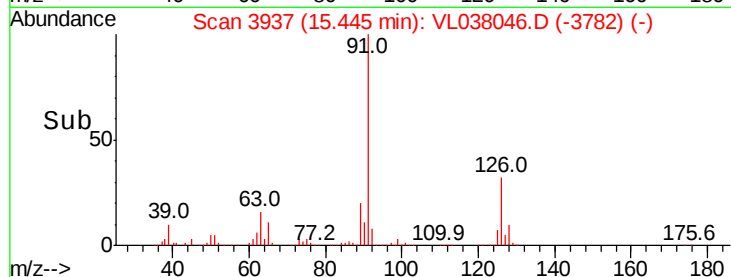
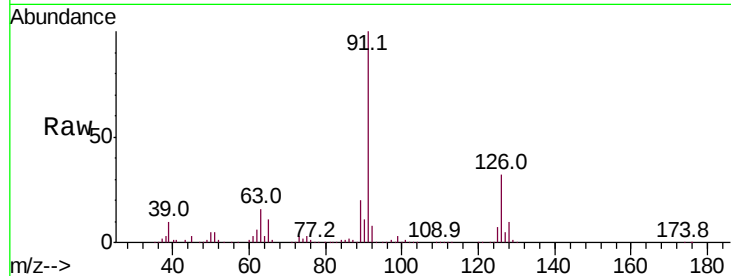


#71
 2-Chlorotoluene
 Concen: 9.363 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 91 100
 126 32.

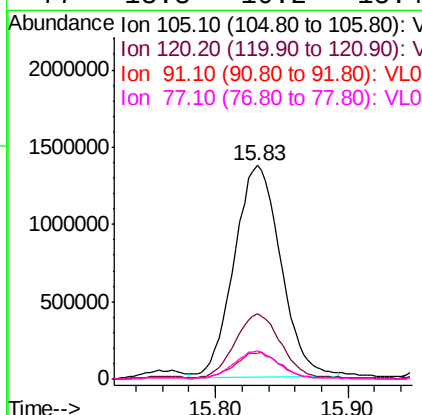
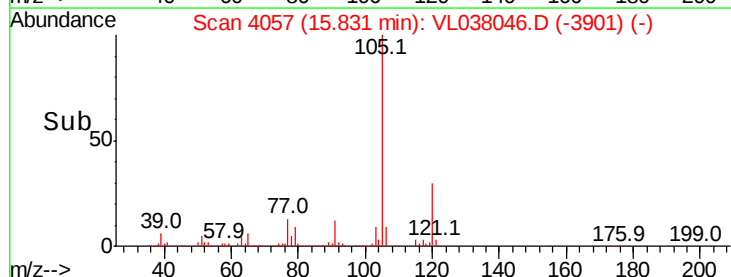
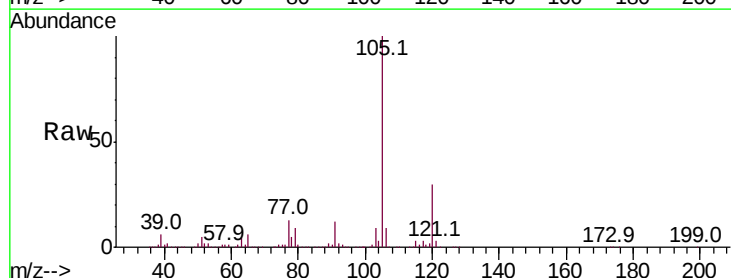
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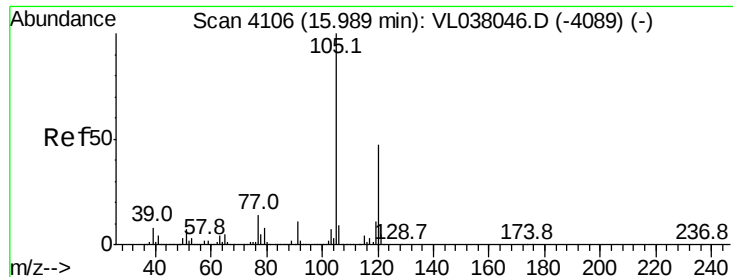
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#72
 4-Ethyltoluene
 Concen: 9.428 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:105 Resp: 3348254
 Ion Ratio Lower Upper
 105 100
 120 31.4 24.7 37.1
 91 12.1 9.3 13.9
 77 13.3 10.2 15.4



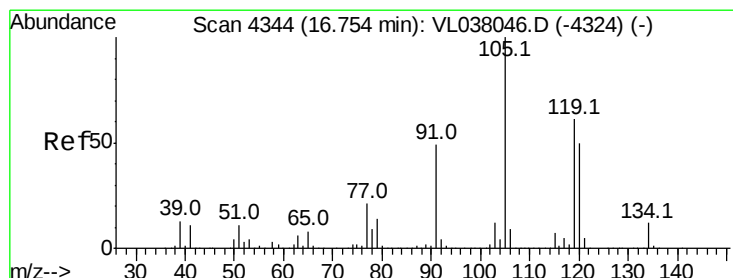
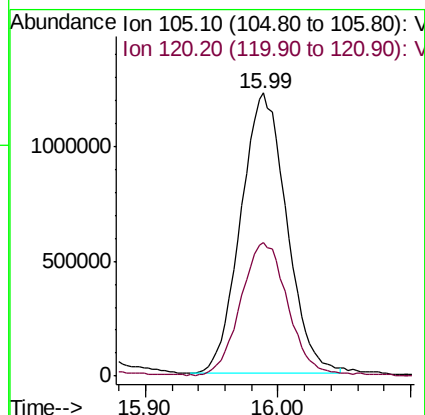
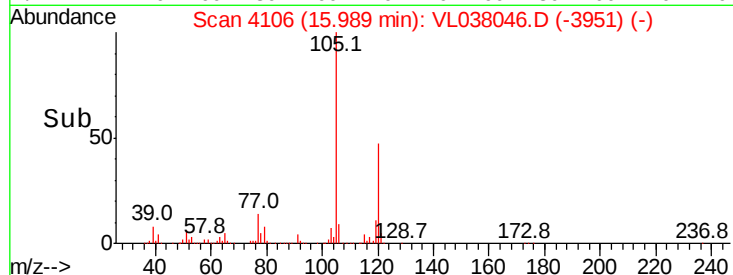
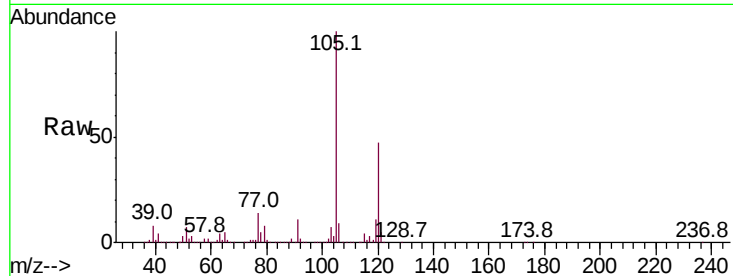


#73
 1,3,5-Trimethylbenzene
 Concen: 9.004 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:1
 Ion Rati
 105 100
 120 47.

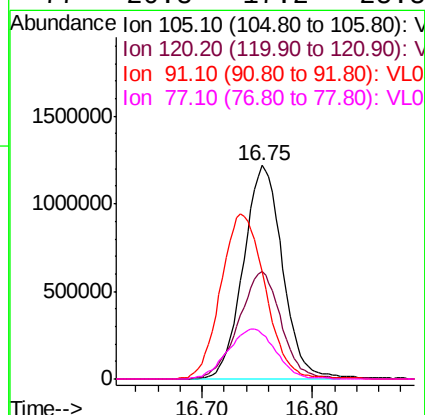
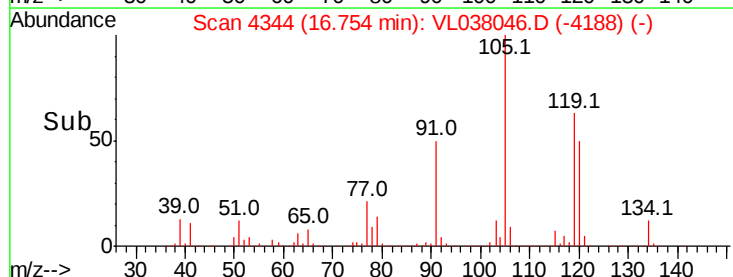
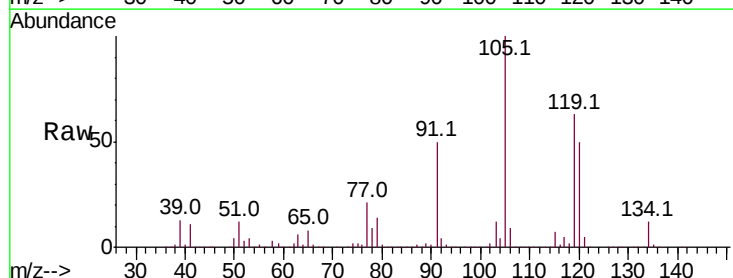
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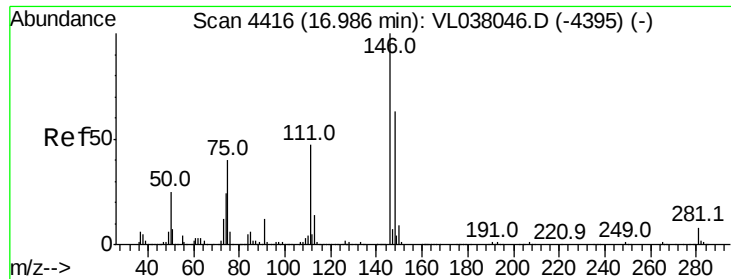
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.115 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:105 Resp: 2981269
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.5 59.3
 91 49.8 40.9 61.3
 77 20.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.478 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDICCC010

Acq: 18 Nov 2021 8:47

Tot Ion:1

Ion Rati

146 100

111 47.

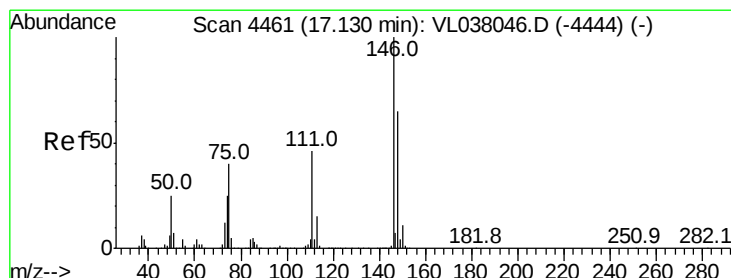
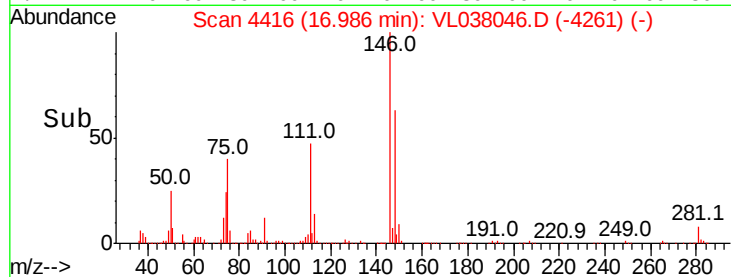
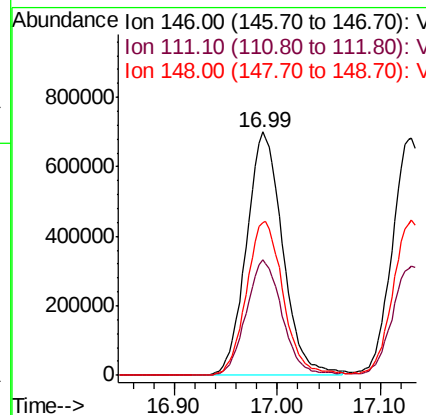
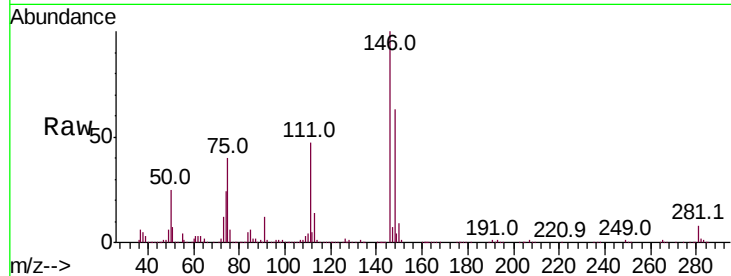
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#76

1,4-Dichlorobenzene

Concen: 8.939 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. 0.00 min

Lab File: VL038046.D

Acq: 18 Nov 2021 8:47

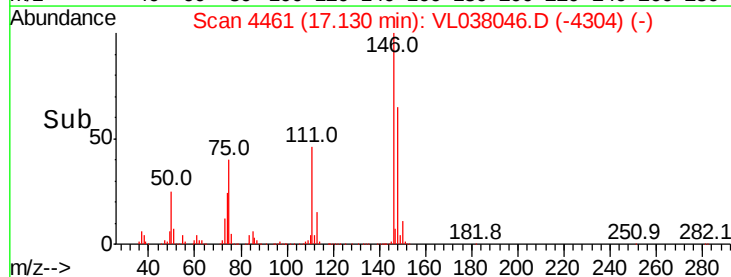
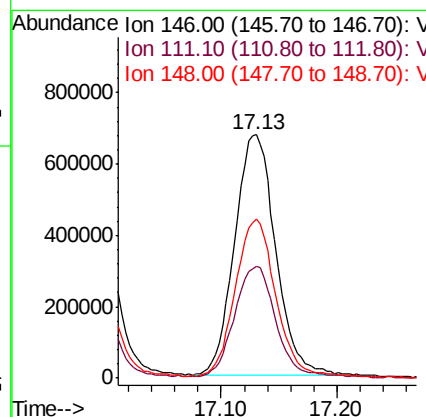
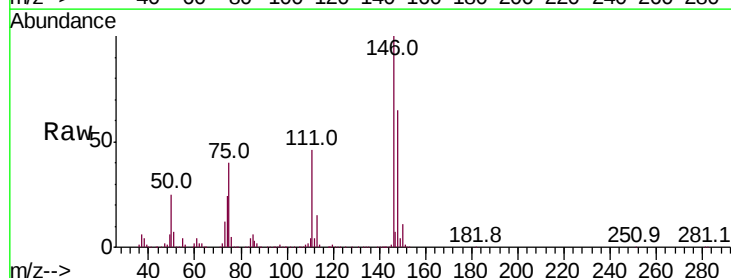
Tgt Ion:146 Resp: 1652938

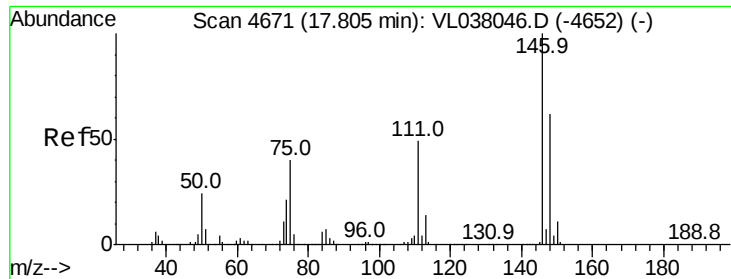
Ion Ratio Lower Upper

146 100

111 47.7 22.4 67.2

148 66.4 32.4 97.2



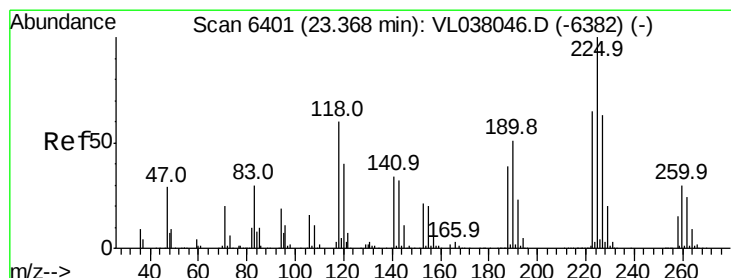
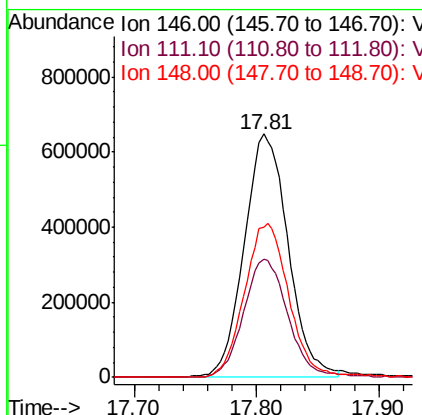
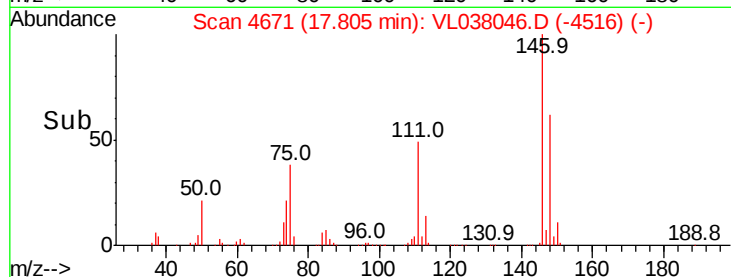
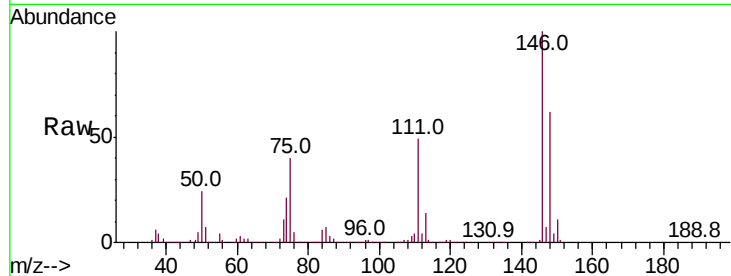


#77
 1,2-Dichlorobenzene
 Concen: 9.259 ppbv
 RT: 17.81 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 18 Nov 2021 8:47

Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 64.

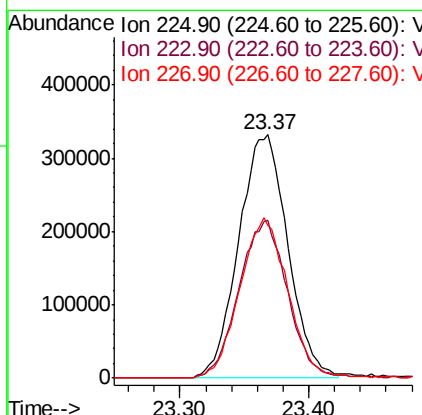
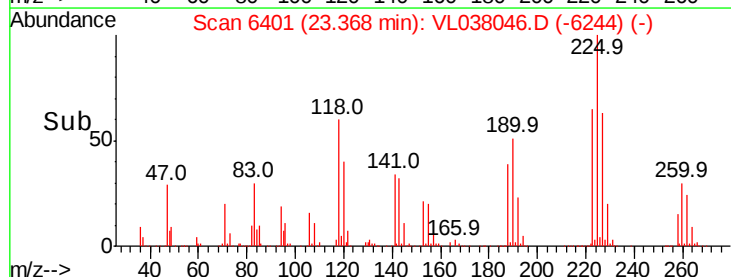
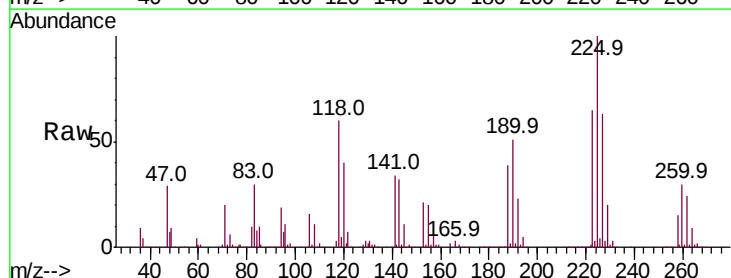
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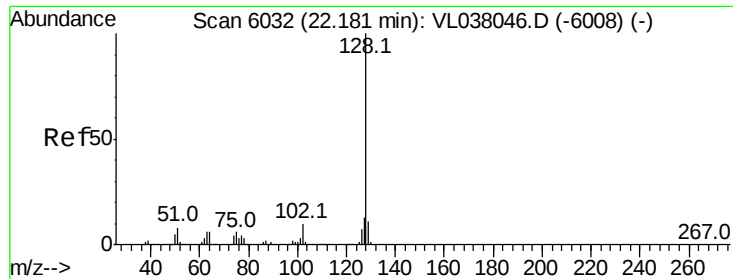
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.793 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.00 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 8:47

Tgt Ion:225 Resp: 874946
 Ion Ratio Lower Upper
 225 100
 223 65.4 51.0 76.4
 227 65.5 51.4 77.2



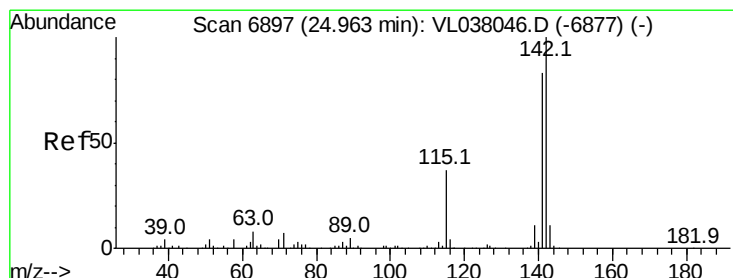
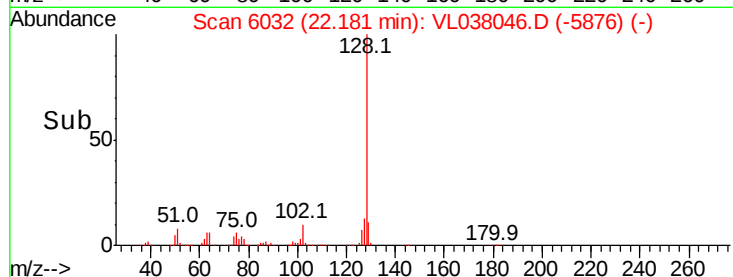
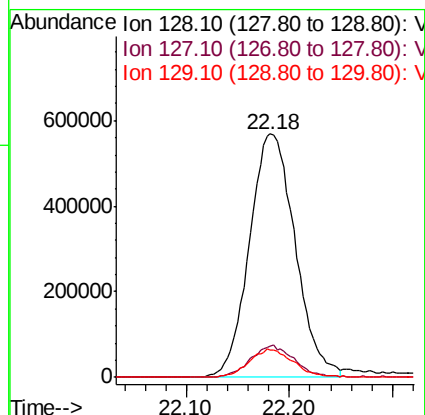
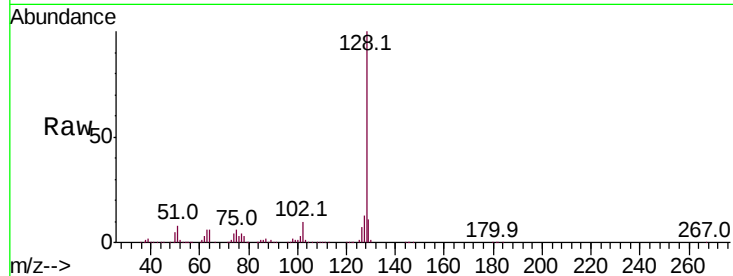


#79
Naphthalene
Concen: 9.767 ppbv
RT: 22.18 min
Delta R.T. 0.00 min
Lab File: VSTDICCC010
Acq: 18 Nov 2021 8:47

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

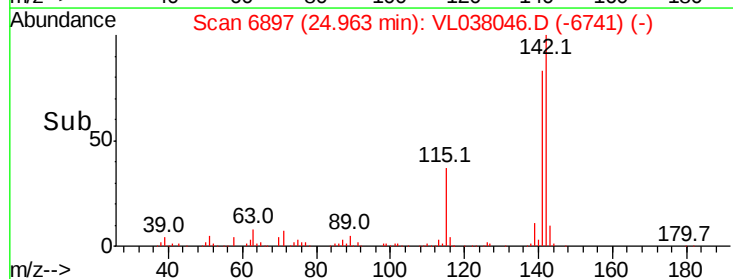
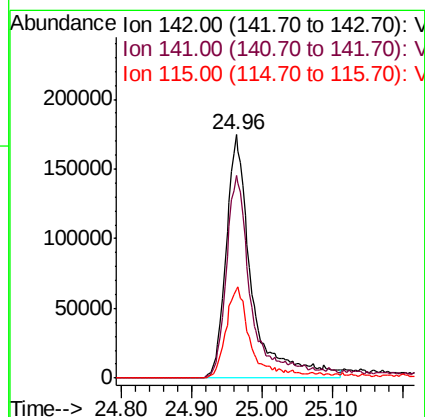
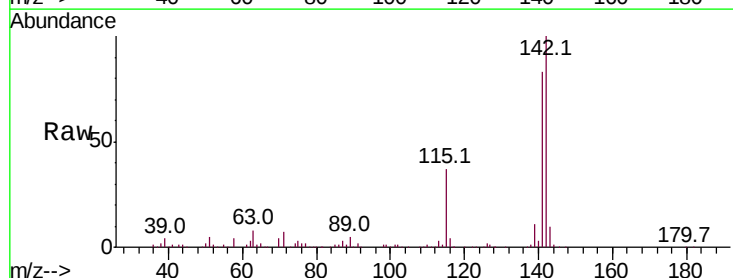
Manual Integrations
APPROVED

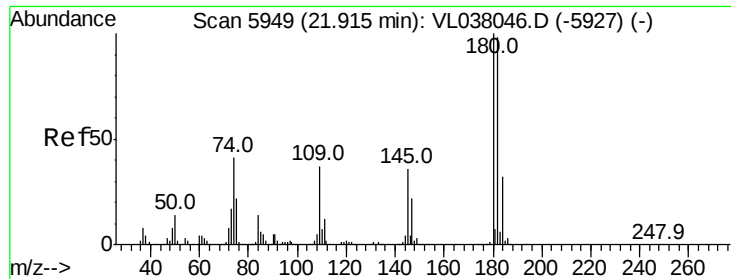
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 13.106 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.00 min
Lab File: VL038046.D
Acq: 18 Nov 2021 8:47

Tgt Ion: 142 Resp: 443984
Ion Ratio Lower Upper
142 100
141 84.1 76.2 114.4
115 36.1 29.2 43.8





#81
 1,2,4-Trichlorobenzene
 Concen: 9.410 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 18 Nov 2021 8:47

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

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