

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038295.D
 Acq On : 26 Jan 2022 20:06
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 04:17:09 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	763086	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2130360	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	1870763m	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1450420	10.21	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	1042408	6.417	ppbv	99
3) Chlorodifluoromethane	2.98	51	1426009	9.387	ppbv	99
4) Chloromethane	3.12	50	439399	8.407	ppbv	92
5) Vinyl Chloride	3.24	62	445346	8.538	ppbv	98
6) Bromomethane	3.46	94	161359	5.722	ppbv	94
7) Chloroethane	3.54	64	154160	8.750	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	1089925	8.671	ppbv	99
9) Propene	3.00	41	427847	8.652	ppbv	96
10) Heptane	8.09	43	1117829	8.786	ppbv	99
11) Trichlorofluoromethane	3.93	101	1130264	8.931	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	829347	8.670	ppbv	98
13) Ethanol	3.58	45	57148m	10.765	ppbv	
14) Bromoethene	3.72	108	326160	8.726	ppbv	97
15) Acetone	3.83	43	640013	9.514	ppbv	99
16) 1,3-Butadiene	3.31	39	465991	9.653	ppbv	91
17) tert-Butyl alcohol	4.26	59	641180	8.685	ppbv	97
18) 1,1-Dichloroethene	4.27	96	361904	8.700	ppbv	98
19) Isopropyl Alcohol	3.94	45	369198	8.773	ppbv	100
20) Methylene Chloride	4.32	84	296157	7.570	ppbv	96
21) Allyl Chloride	4.39	41	465859	7.827	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	373438	8.688	ppbv	98
23) Vinyl Acetate	5.04	43	871188	8.907	ppbv	99
24) 1,1-Dichloroethane	4.98	63	772909	8.871	ppbv	99
25) Ethyl Acetate	5.65	43	1598164	8.486	ppbv	99
26) Hexane	5.66	57	765939	8.744	ppbv	96
27) Carbon Disulfide	4.53	76	884769	8.633	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	763360	8.400	ppbv	99
29) Chloroform	5.72	83	1281735	8.964	ppbv	98
30) Cyclohexane	7.10	84	674096	8.838	ppbv	97
31) cis-1,2-Dichloroethene	5.52	61	569538	7.453	ppbv	97
32) 1,1,1-Trichloroethane	6.48	97	1273750	8.918	ppbv	99
34) 2-Butanone	5.21	43	585338	8.402	ppbv	99
35) Carbon Tetrachloride	6.98	117	1308441	8.750	ppbv	98
36) Benzene	6.86	78	1670121	8.863	ppbv	99
37) 1,2-Dichloroethane	6.27	62	973502	9.019	ppbv	100
38) Trichloroethene	7.80	130	593967	8.462	ppbv	97
39) 1,2-Dichloropropane	7.58	63	656326	8.591	ppbv	95
40) 1,4-Dioxane	7.79	88	158384	8.613	ppbv #	1
41) Tetrahydrofuran	6.02	42	363113	7.753	ppbv	98
42) Bromodichloromethane	7.76	83	1405508	8.777	ppbv	98
43) Methyl Methacrylate	7.98	69	631987	9.482	ppbv	98

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Quant Time: Jan 27 04:17:09 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

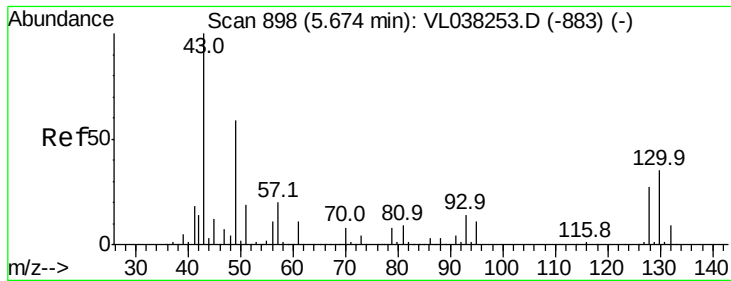
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	2875796	8.660	ppbv	97
45) t-1,3-Dichloropropene	9.24	75	202603	3.741	ppbv	94
46) cis-1,3-Dichloropropene	8.66	75	345569	4.783	ppbv	97
47) 1,1,2-Trichloroethane	9.44	97	663761	8.842	ppbv	99
48) Dibromochloromethane	10.26	129	1129451	8.937	ppbv	98
49) Bromoform	13.00	173	829536	9.105	ppbv	96
50) 4-Methyl-2-Pentanone	8.71	43	1194260	9.609	ppbv	100
51) 2-Hexanone	10.10	43	596276	10.894	ppbv #	99
52) Tetrachloroethene	11.18	164	510347	7.858	ppbv	97
53) Toluene	9.77	91	1851588	8.877	ppbv	99
54) 1,2-Dibromoethane	10.57	107	901245	8.445	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.08	131	744933	9.098	ppbv	96
57) Chlorobenzene	12.10	112	1265827	8.456	ppbv	98
58) Ethyl Benzene	12.67	91	2444261	8.890	ppbv	98
59) m/p-Xylene	12.95	91	4068703m	17.345	ppbv	
60) o-Xylene	13.65	91	1908128	8.746	ppbv	99
61) Styrene	13.48	104	897661	8.817	ppbv	97
62) Isopropylbenzene	14.63	105	2626575	9.031	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1427555	8.843	ppbv	98
64) n-propylbenzene	15.52	120	643692	9.200	ppbv	92
65) tert-Butylbenzene	16.70	119	2281113	9.523	ppbv	99
66) Benzyl Chloride	16.94	91	34788m	3.197	ppbv	
67) sec-Butylbenzene	17.25	105	3185833	9.560	ppbv	100
69) p-Isopropyltoluene	17.61	119	2468763	9.681	ppbv	99
70) n-Butylbenzene	18.51	91	2518018	10.081	ppbv	98
71) 2-Chlorotoluene	15.41	91	1978143	9.183	ppbv	100
72) 4-Ethyltoluene	15.80	105	2097789	9.195	ppbv	100
73) 1,3,5-Trimethylbenzene	15.96	105	1867690	9.103	ppbv	100
74) 1,2,4-Trimethylbenzene	16.72	105	1951805	9.030	ppbv #	89
75) 1,3-Dichlorobenzene	16.95	146	1064554	9.178	ppbv	99
76) 1,4-Dichlorobenzene	17.09	146	996092	8.870	ppbv	97
77) 1,2-Dichlorobenzene	17.77	146	1016825	9.438	ppbv	99
78) Hexachloro-1,3-Butadiene	23.34	225	589178	7.866	ppbv	99
79) Naphthalene	22.15	128	953886	9.439	ppbv	96
80) Naphthalene, 2-methyl-	24.94	142	139113	12.658	ppbv	97
81) 1,2,4-Trichlorobenzene	21.87	180	549917m	9.252	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 50.

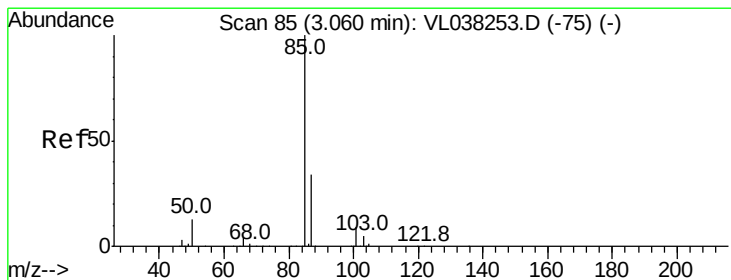
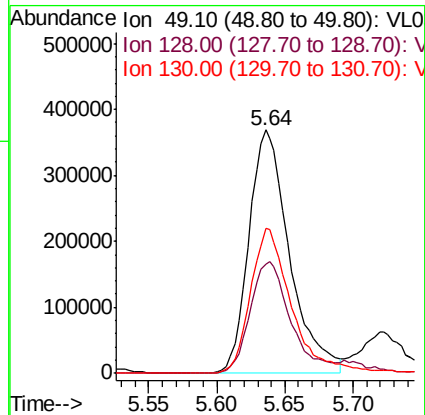
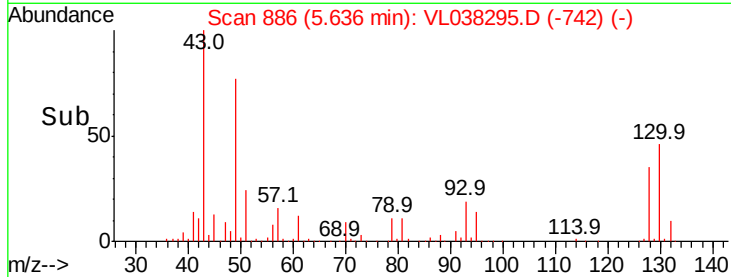
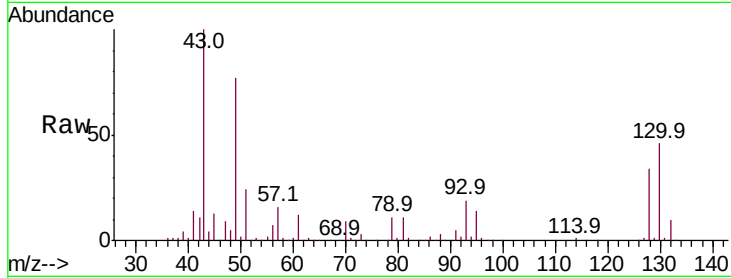
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#2

Dichlorodifluoromethane

Concen: 6.417 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.03 min

Lab File: VL038295.D

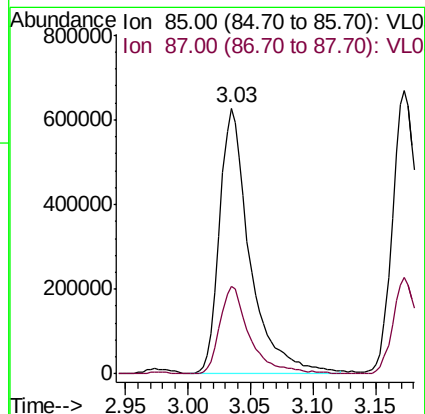
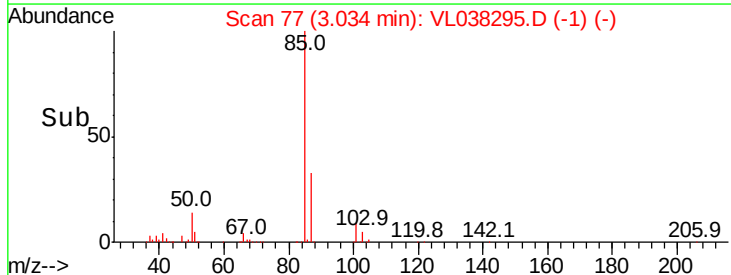
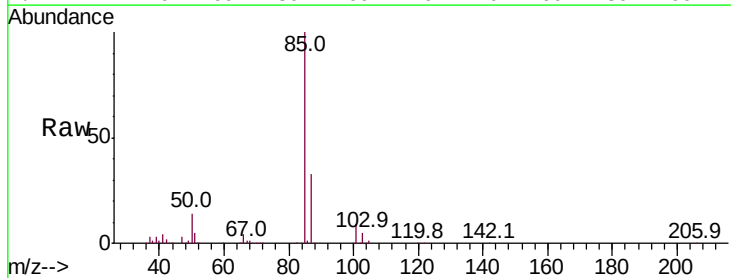
Acq: 26 Jan 2022 20:06

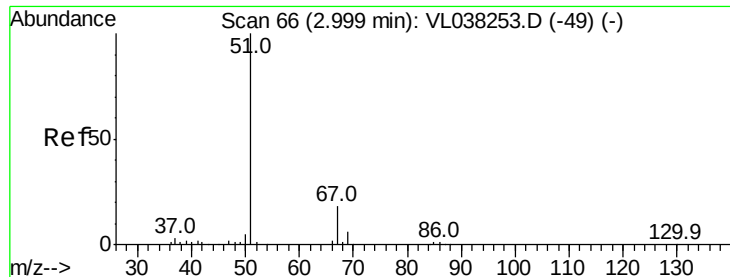
Tgt Ion: 85 Resp: 1042408

Ion Ratio Lower Upper

85 100

87 33.2 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.387 ppbv

RT: 2.98 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

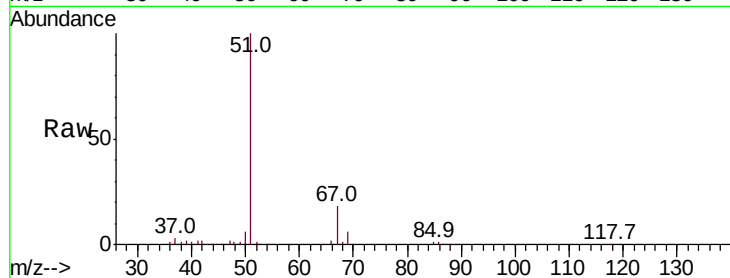
67 18.

Manual Integrations

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

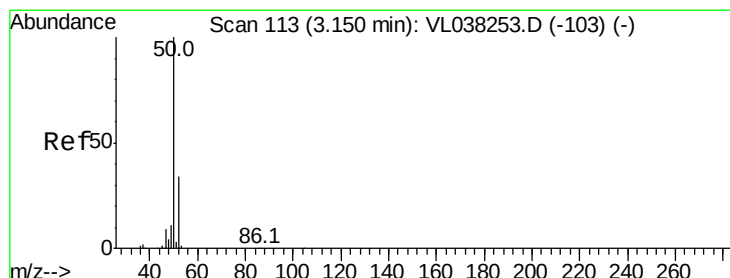
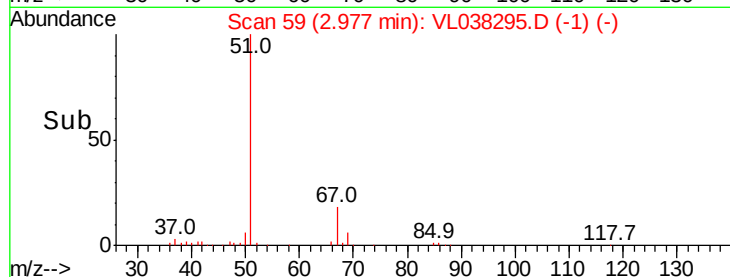
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 8.407 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.03 min

Lab File: VL038295.D

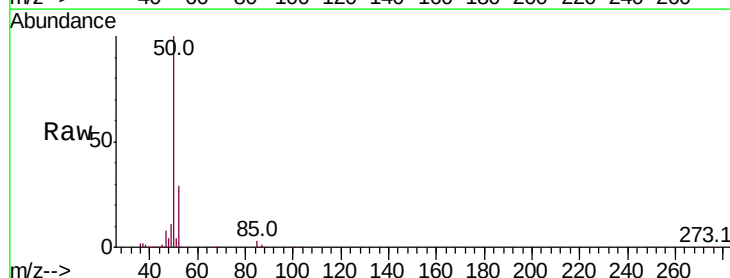
Acq: 26 Jan 2022 20:06

Tgt Ion: 50 Resp: 439399

Ion Ratio Lower Upper

50 100

52 29.6 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.12

300000

250000

200000

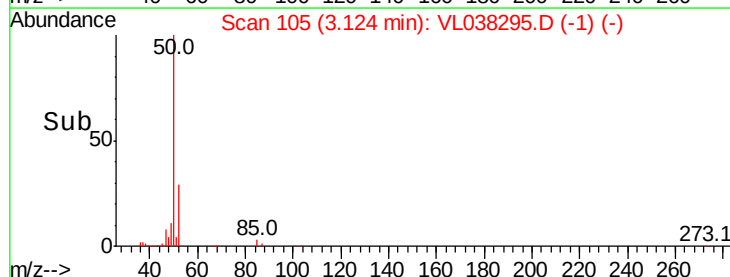
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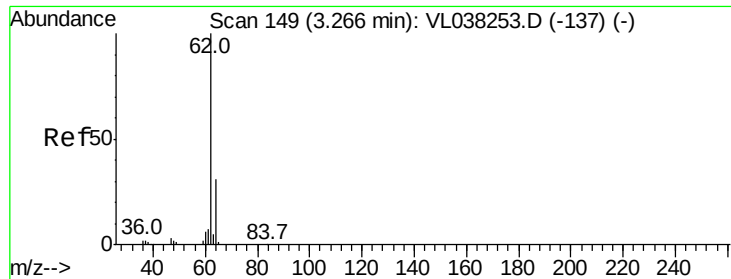
100000

50000

0

Time-->





#5

Vinyl Chloride

Concen: 8.538 ppbv

RT: 3.24 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

62 100

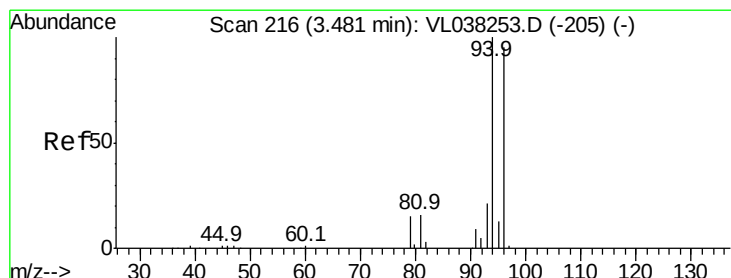
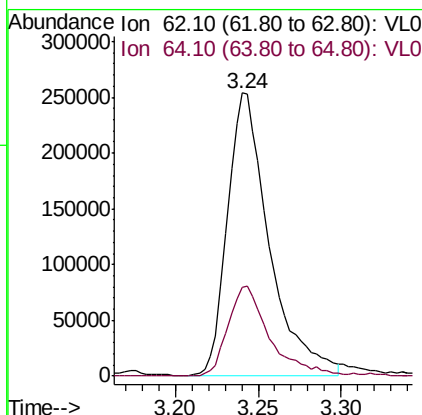
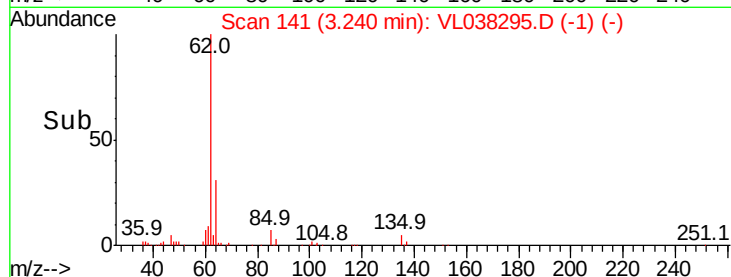
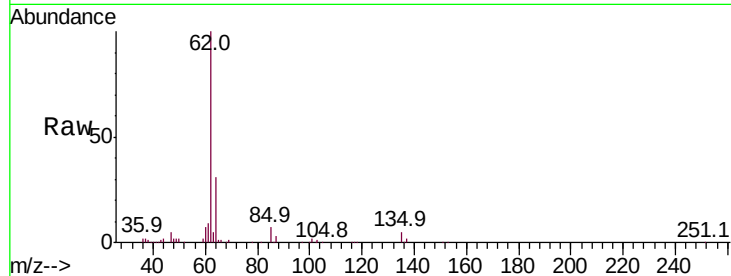
64 31.

Manual Integrations

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Supervised By :Mahesh Dadoda 01/28/2022



#6

Bromomethane

Concen: 5.722 ppbv

RT: 3.46 min Scan# 208

Delta R.T. -0.03 min

Lab File: VL038295.D

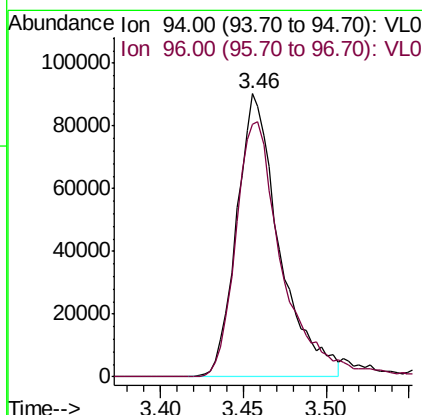
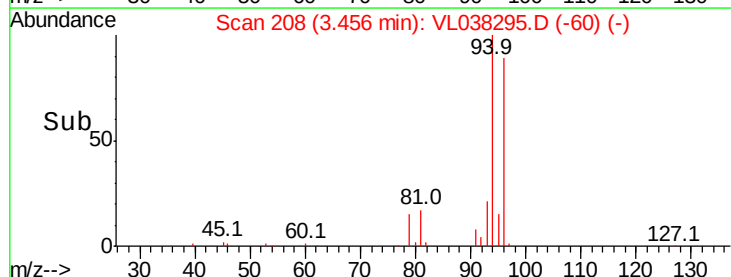
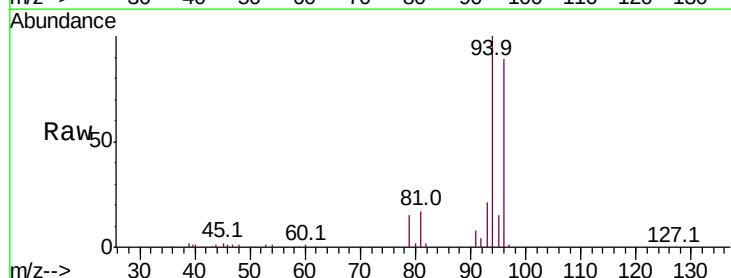
Acq: 26 Jan 2022 20:06

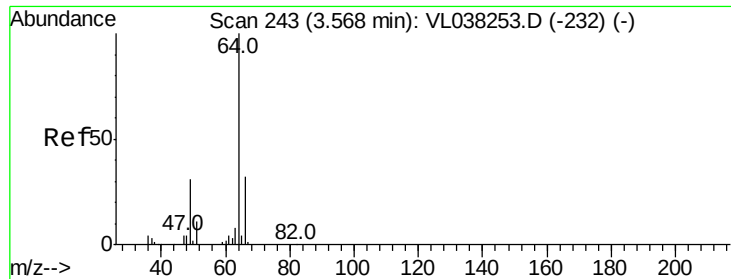
Tgt Ion: 94 Resp: 161359

Ion Ratio Lower Upper

94 100

96 89.5 76.0 114.0





#7

Chloroethane

Concen: 8.750 ppbv

RT: 3.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

64 100

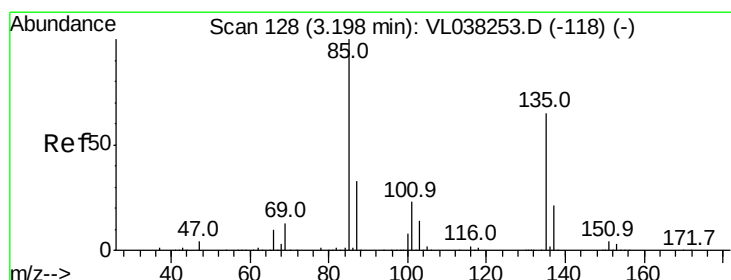
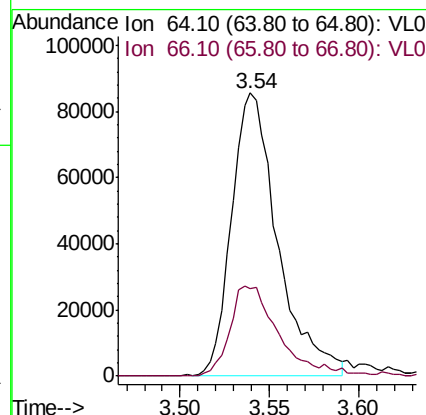
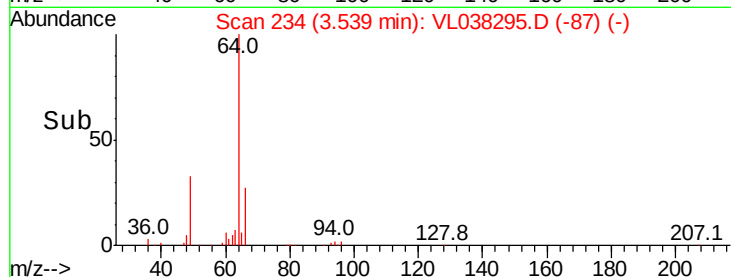
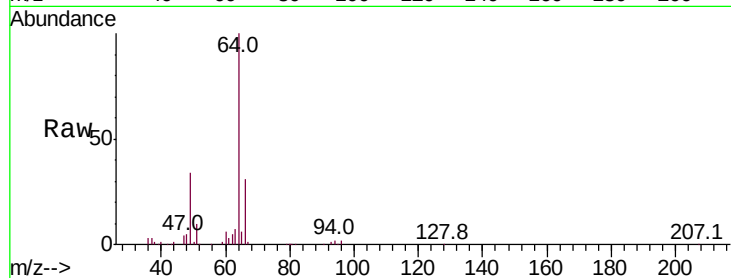
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#8

Dichlorotetrafluoroethane

Concen: 8.671 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.03 min

Lab File: VL038295.D

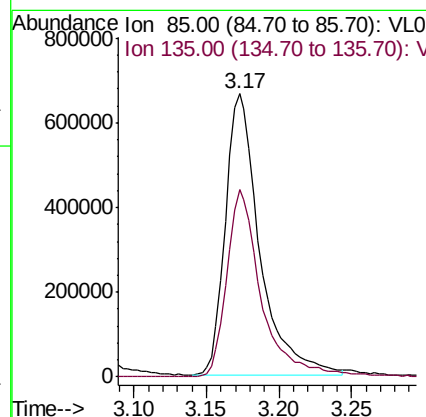
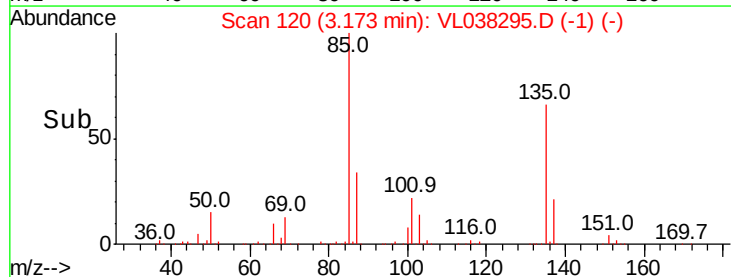
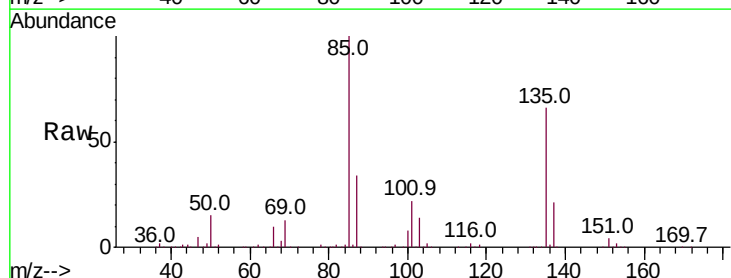
Acq: 26 Jan 2022 20:06

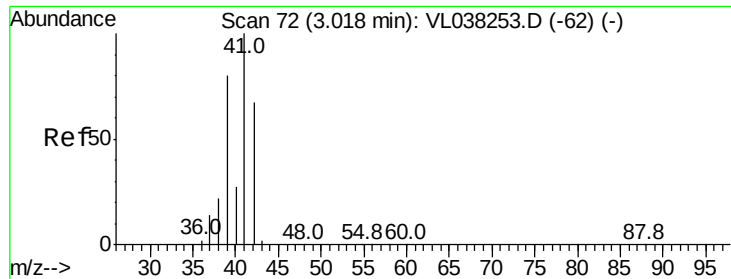
Tgt Ion: 85 Resp: 1089925

Ion Ratio Lower Upper

85 100

135 67.9 53.7 80.5



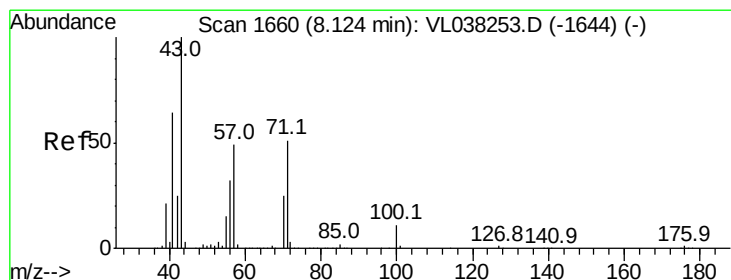
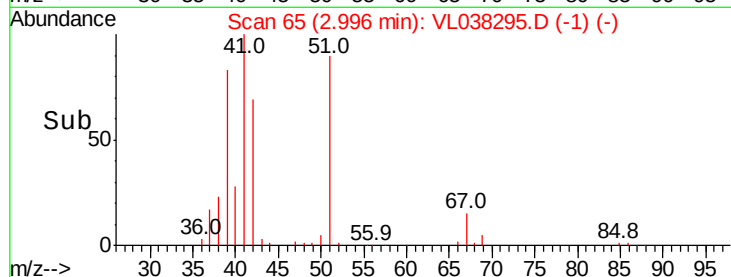
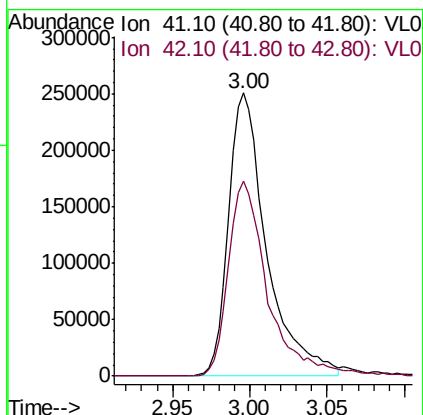
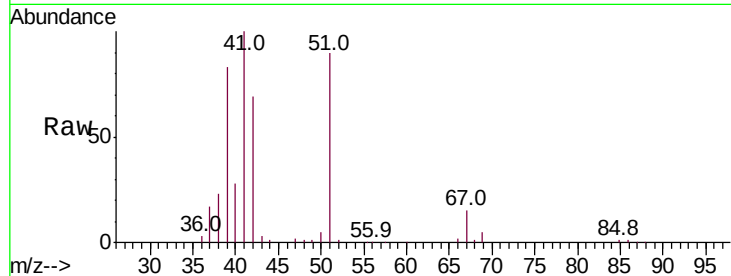


#9
 Propene
 Concen: 8.652 ppbv
 RT: 3.00
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:
 Ion Ratio
 41 100
 42 71.

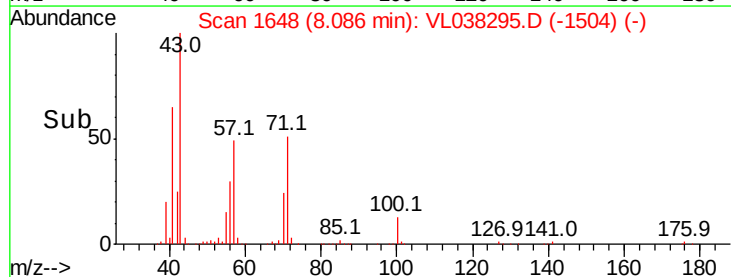
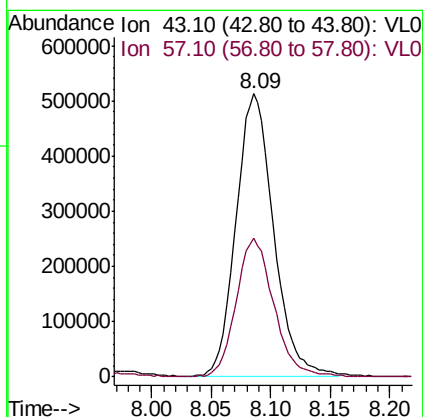
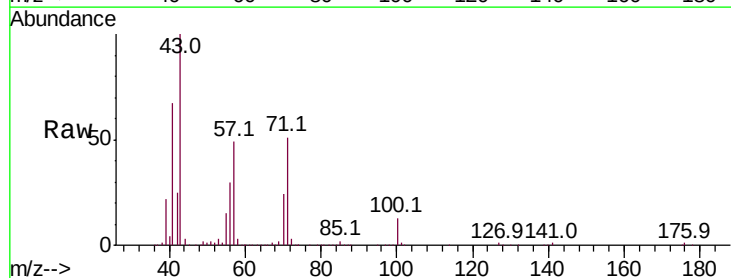
Manual Integrations
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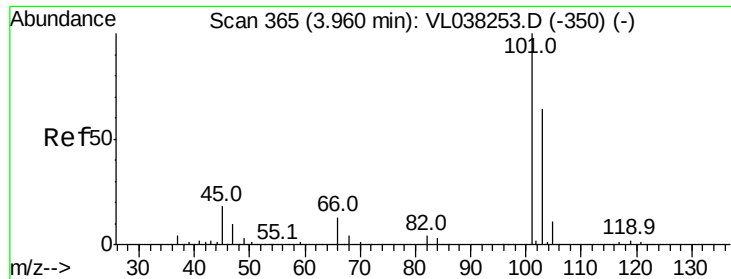
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#10
 Heptane
 Concen: 8.786 ppbv
 RT: 8.09 min Scan# 1648
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion: 43 Resp: 1117829
 Ion Ratio Lower Upper
 43 100
 57 49.1 39.5 59.3



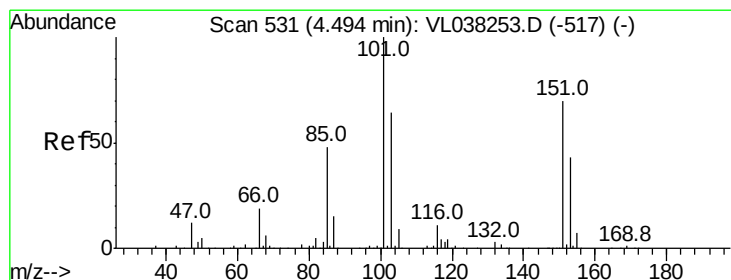
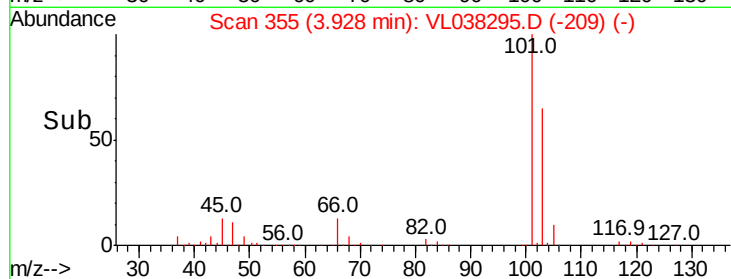
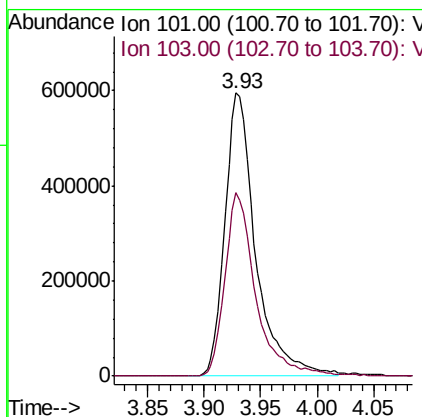
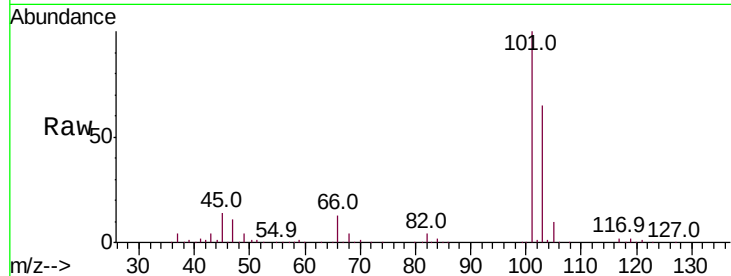


#11
 Trichlorofluoromethane
 Concen: 8.931 ppbv
 RT: 3.93
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:1
 Ion Rati
 101 100
 103 64.

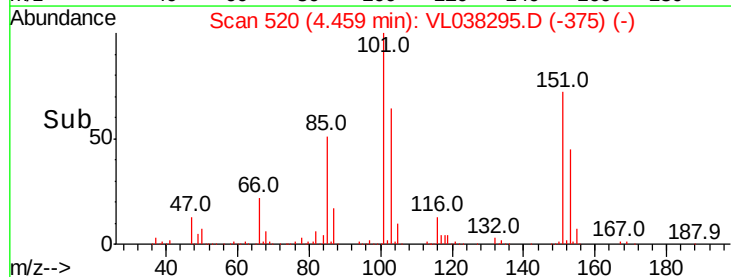
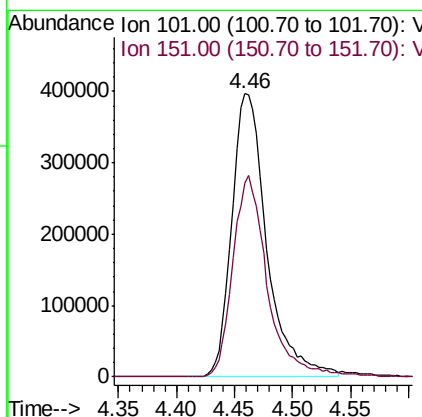
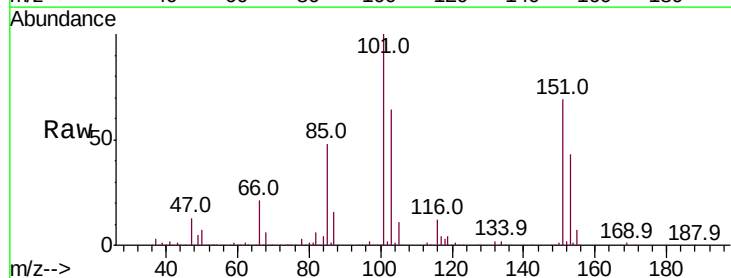
Manual Integrations
 APPROVED

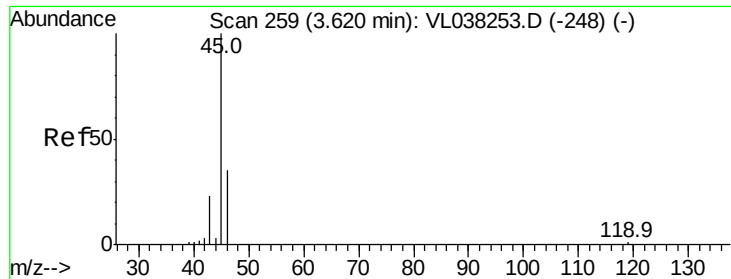
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.670 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:101 Resp: 829347
 Ion Ratio Lower Upper
 101 100
 151 70.5 55.3 82.9



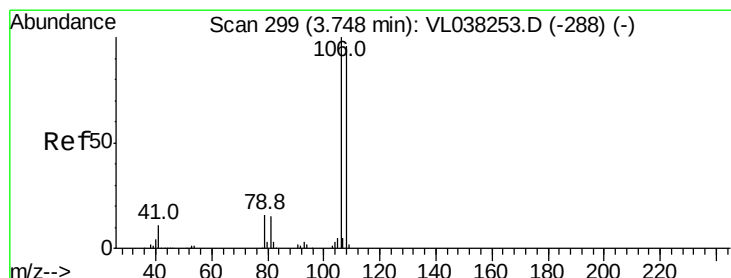
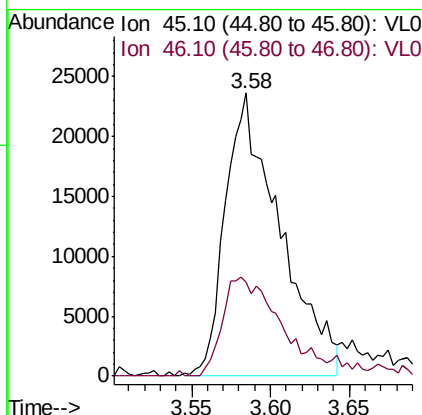
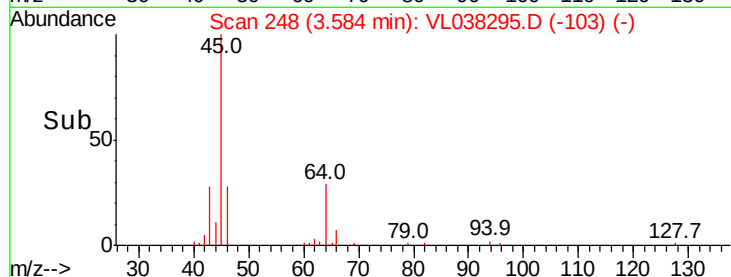
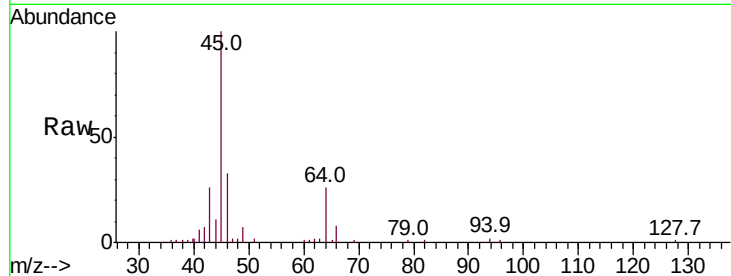


#13
Ethanol
Concen: 10.765 ppbv m
RT: 3.58
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 26 Jan 2022 20:00 VSTDCC010EC

Tot Ion:
Ion Ratio
45 100
46 42.

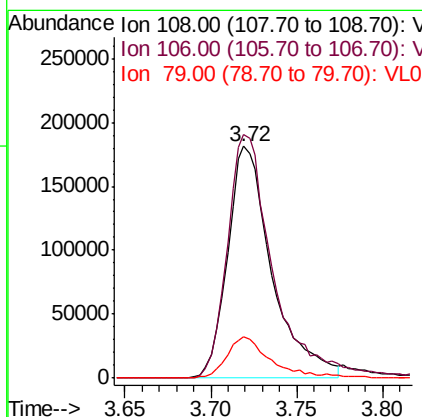
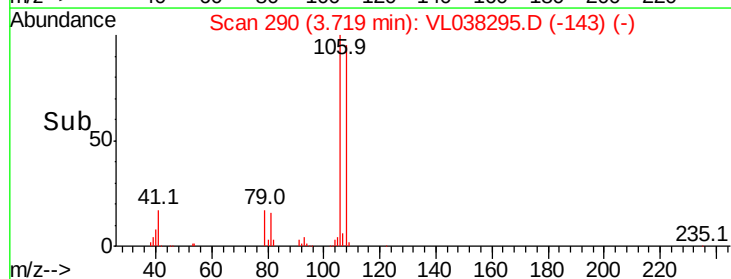
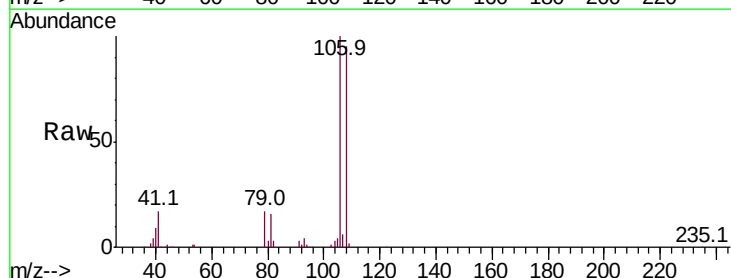
Manual Integrations
APPROVED

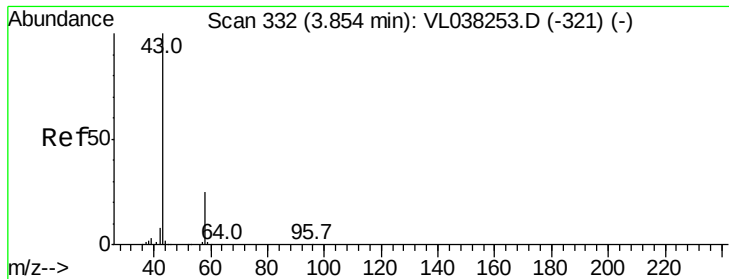
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#14
Bromoethene
Concen: 8.726 ppbv
RT: 3.72 min Scan# 290
Delta R.T. -0.03 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion:108 Resp: 326160
Ion Ratio Lower Upper
108 100
106 110.9 86.4 129.6
79 18.4 14.1 21.1



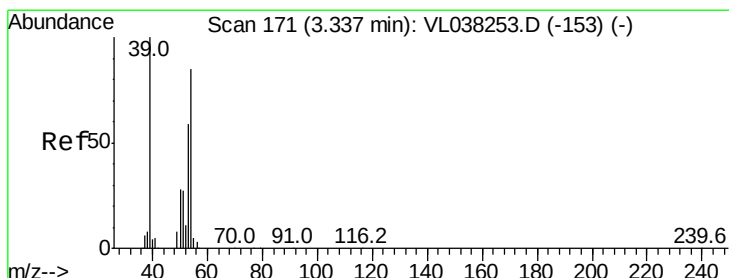
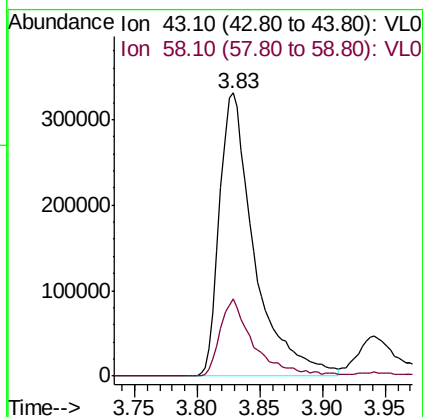
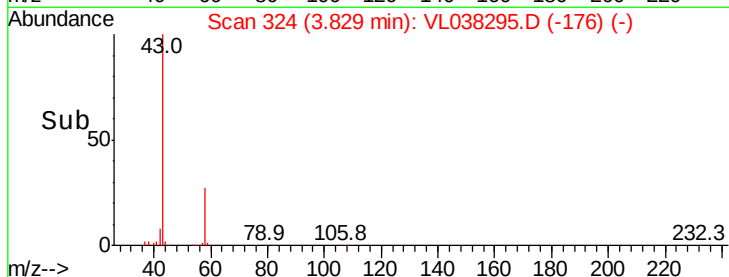
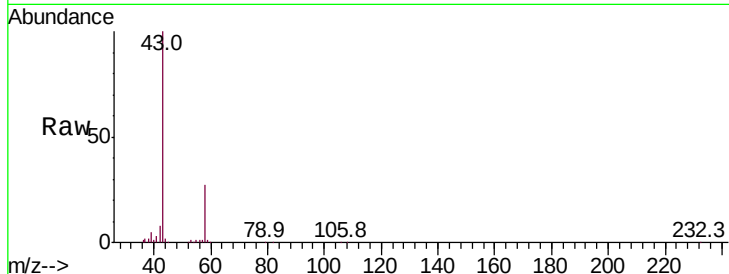


#15
Acetone
Concen: 9.514 ppbv
RT: 3.83
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:
Ion Ratio
43 100
58 26.

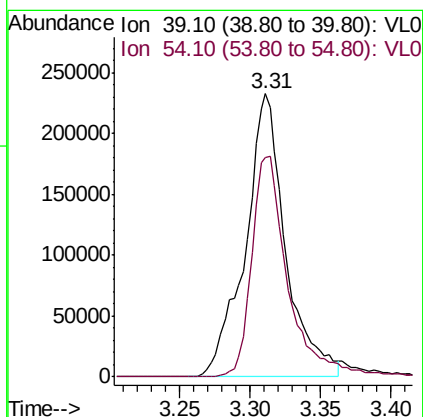
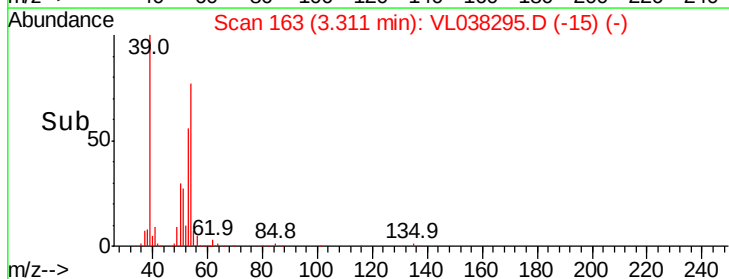
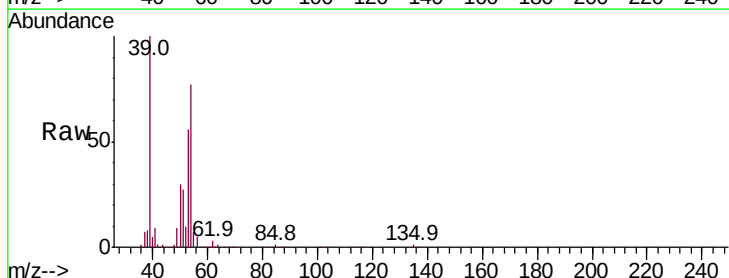
Manual Integrations
APPROVED

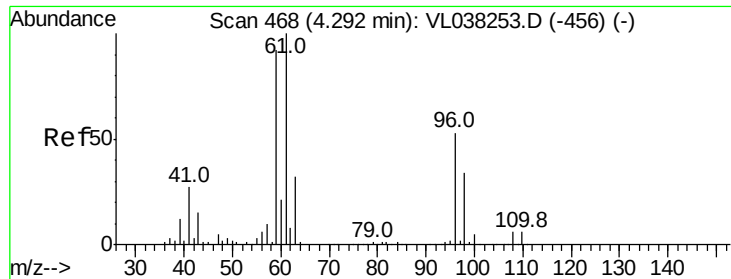
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#16
1,3-Butadiene
Concen: 9.653 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.03 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 39 Resp: 465991
Ion Ratio Lower Upper
39 100
54 70.7 62.6 94.0





#17

tert-Butyl alcohol

Concen: 8.685 ppbv

RT: 4.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

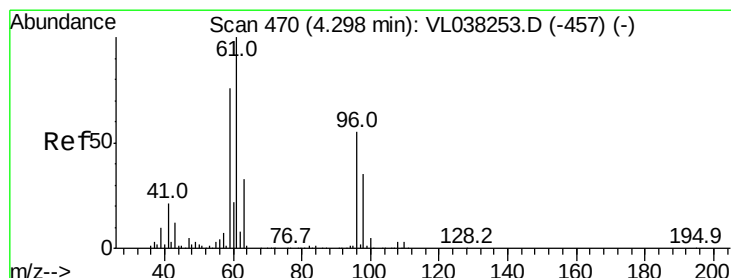
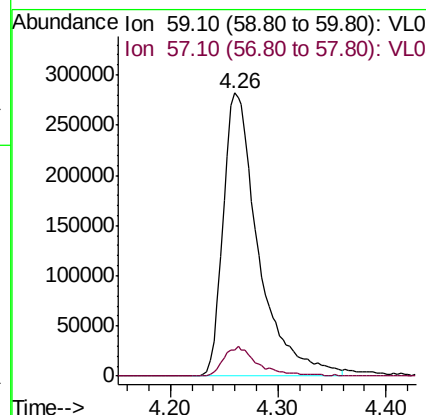
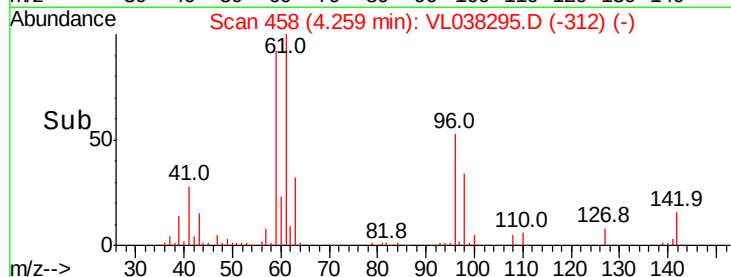
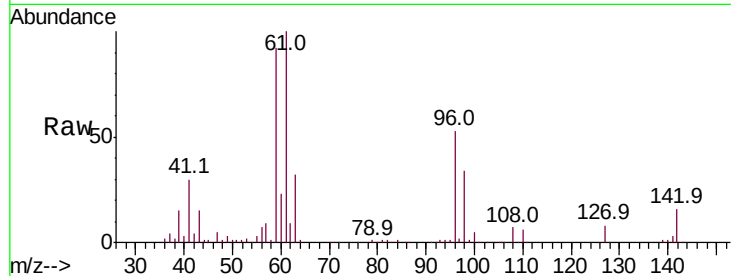
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#18

1,1-Dichloroethene

Concen: 8.700 ppbv

RT: 4.27 min Scan# 460

Delta R.T. -0.03 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

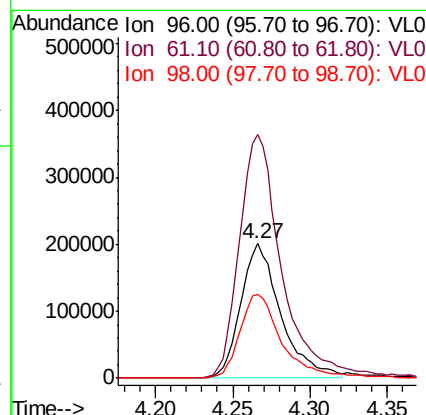
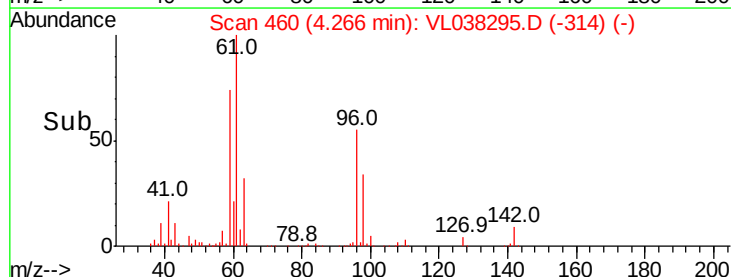
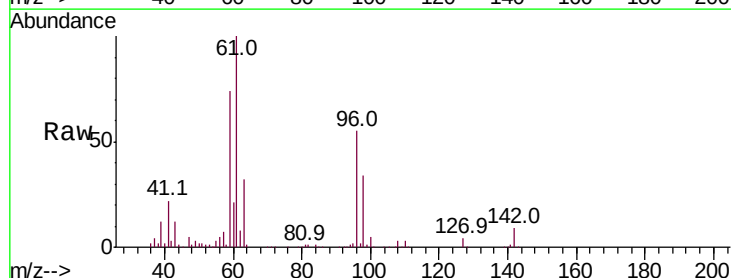
Tgt Ion: 96 Resp: 361904

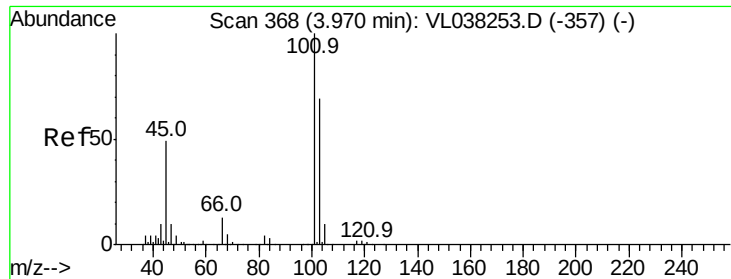
Ion Ratio Lower Upper

96 100

61 180.8 146.5 219.7

98 62.2 51.9 77.9





#19

Isopropyl Alcohol

Concen: 8.773 ppbv

RT: 3.94

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

45 100

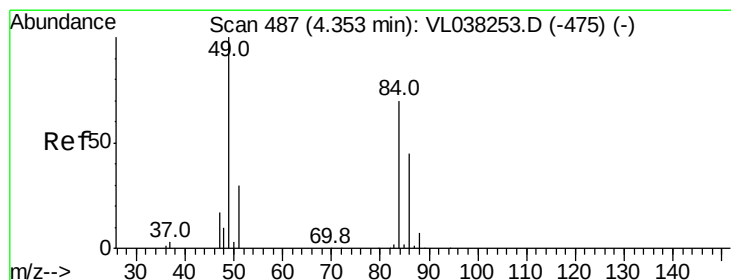
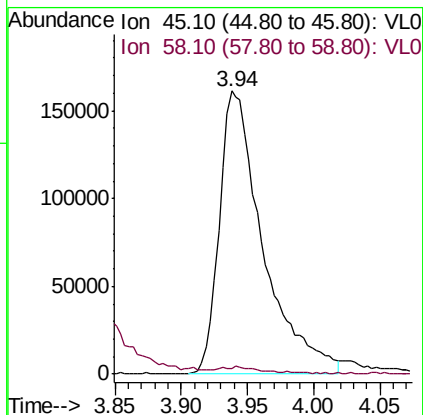
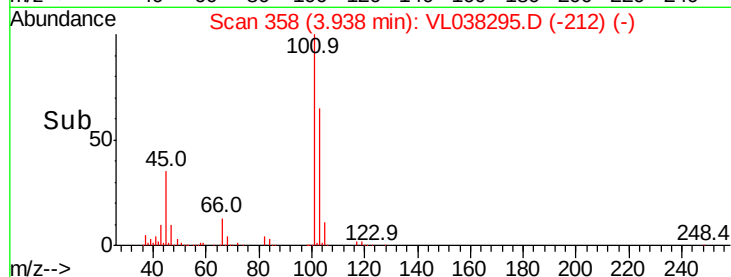
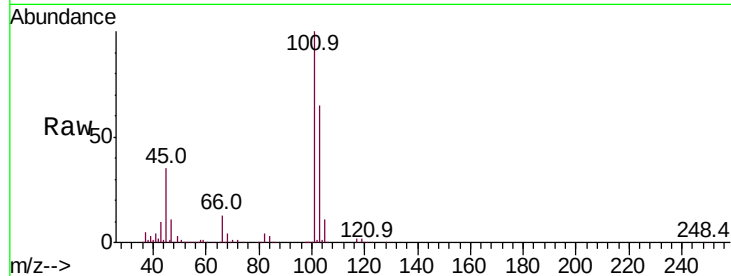
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#20

Methylene Chloride

Concen: 7.570 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.03 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

Tgt Ion: 84 Resp: 296157

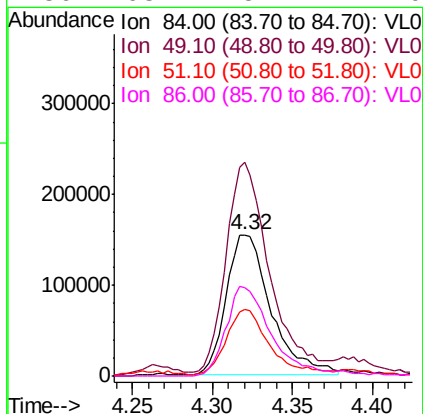
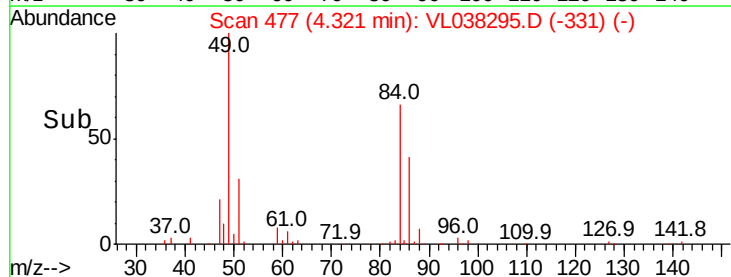
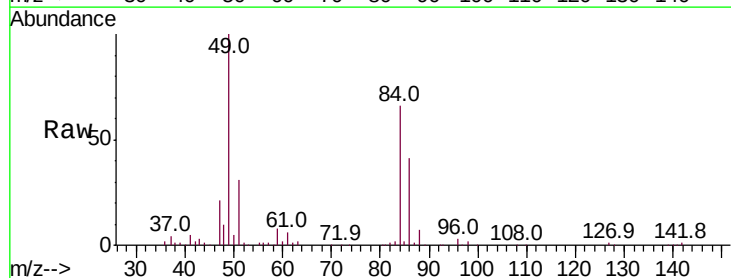
Ion Ratio Lower Upper

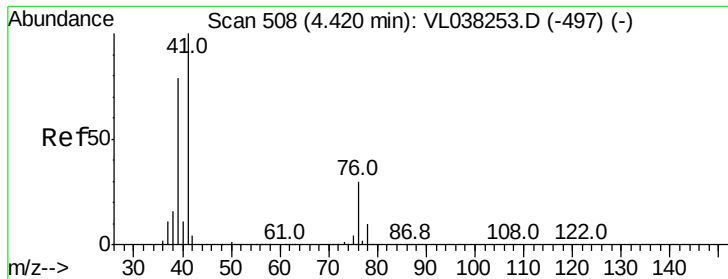
84 100

49 149.7 115.0 172.6

51 46.3 35.0 52.6

86 63.2 51.4 77.0





#21

Allvl Chloride

Concen: 7.827 ppbv

RT: 4.39

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

VSTDC010EC

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

41 100

76 29.

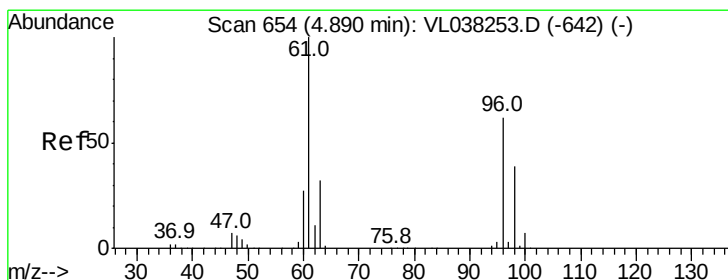
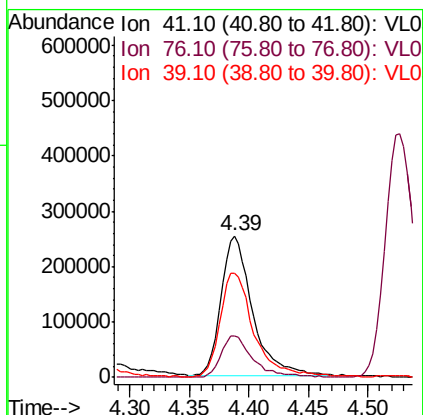
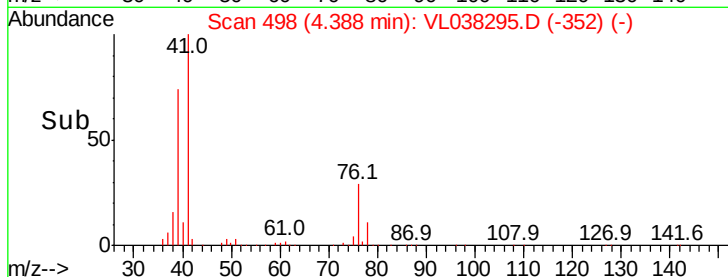
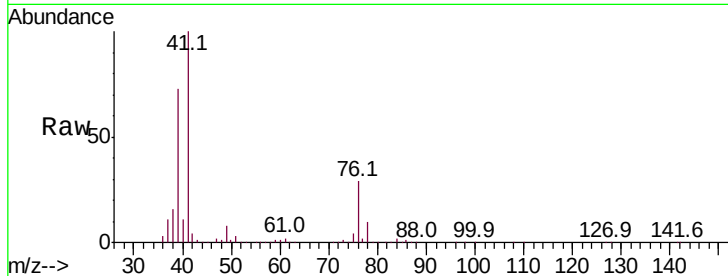
39 79.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#22

trans-1,2-Dichloroethene

Concen: 8.688 ppbv

RT: 4.86 min Scan# 644

Delta R.T. -0.03 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

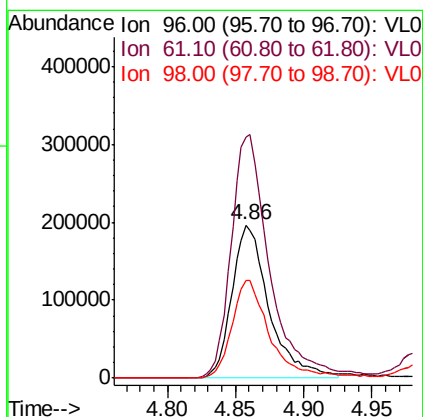
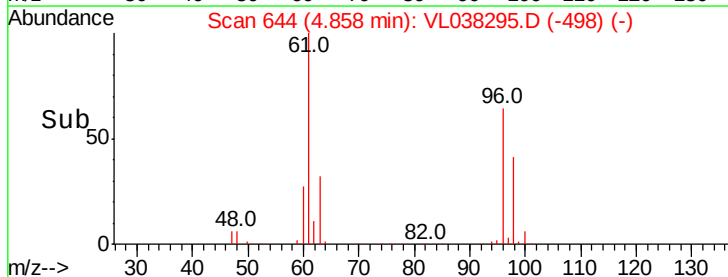
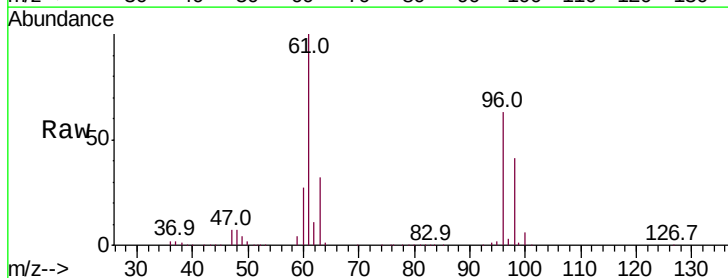
Tgt Ion: 96 Resp: 373438

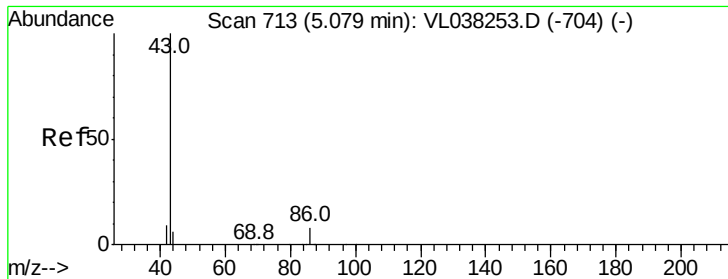
Ion Ratio Lower Upper

96 100

61 157.8 128.8 193.2

98 64.1 49.8 74.8





#23

Vinyl Acetate

Concen: 8.907 ppbv

RT: 5.04

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

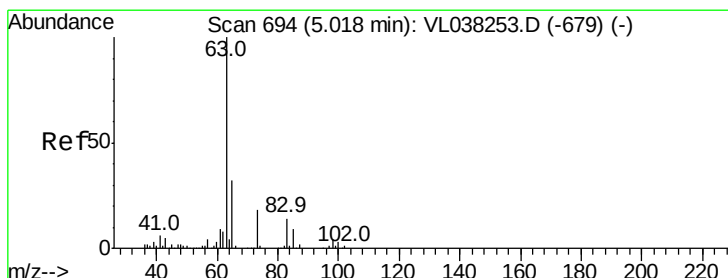
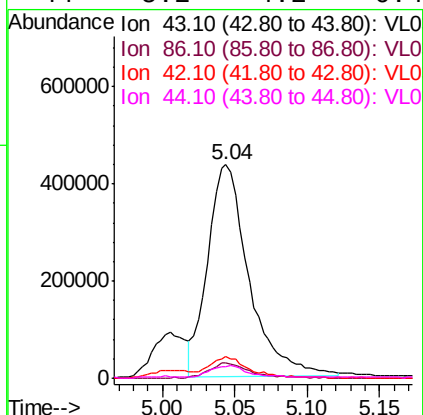
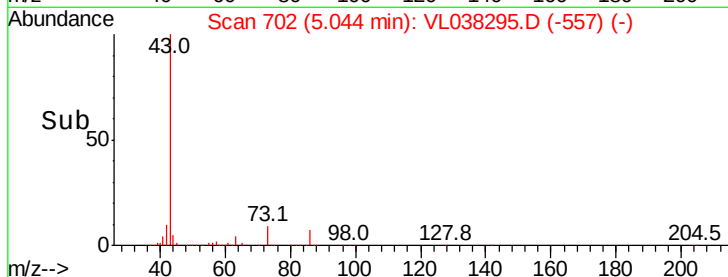
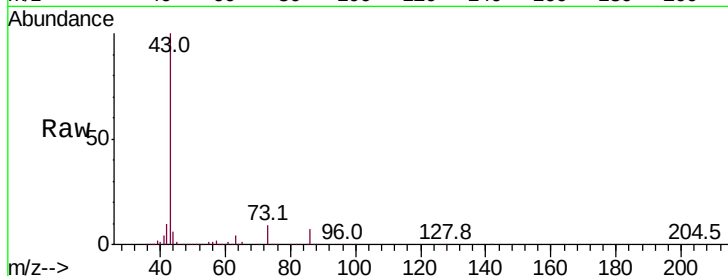
43	100
86	6.
42	9.
44	5.2
	4.2
	6.4

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 01/27/2022

Supervised By : Mahesh Dadoda 01/28/2022



#24

1,1-Dichloroethane

Concen: 8.871 ppbv

RT: 4.98 min Scan# 683

Delta R.T. -0.04 min

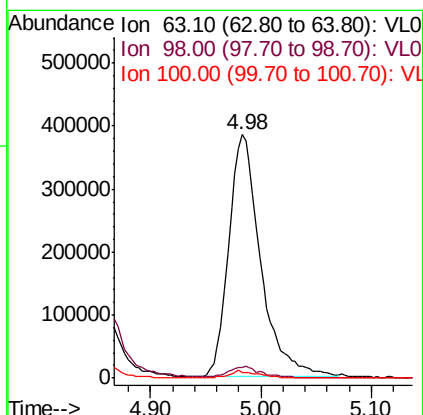
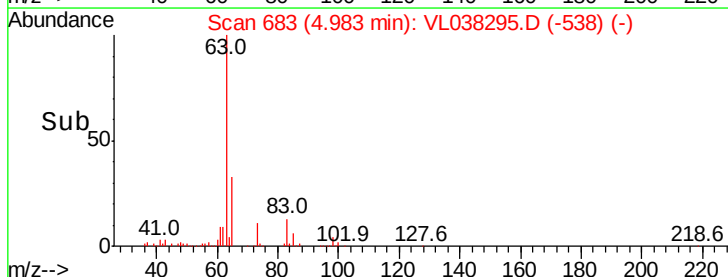
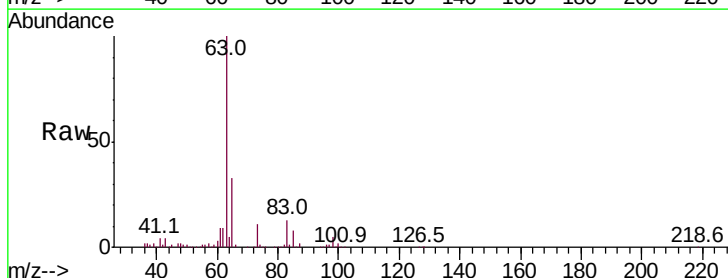
Lab File: VL038295.D

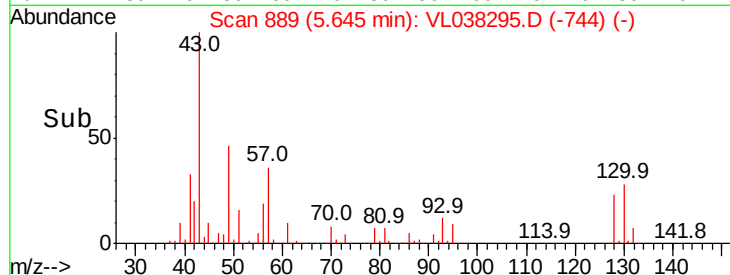
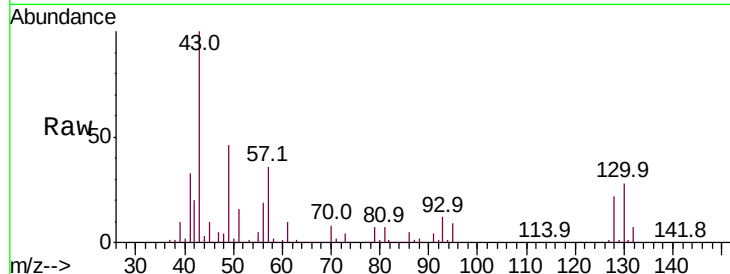
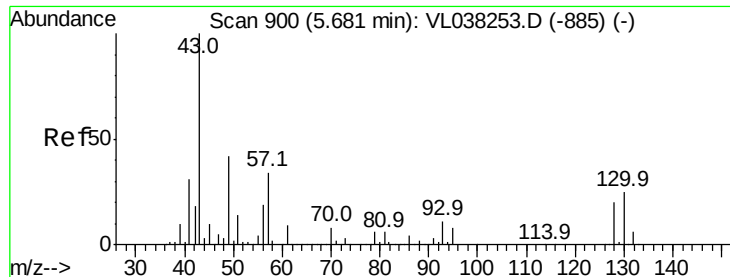
Acq: 26 Jan 2022 20:06

Tgt Ion: 63 Resp: 772909

Ion Ratio Lower Upper

63	100		
98	4.2	2.3	6.8
100	2.4	1.3	3.9



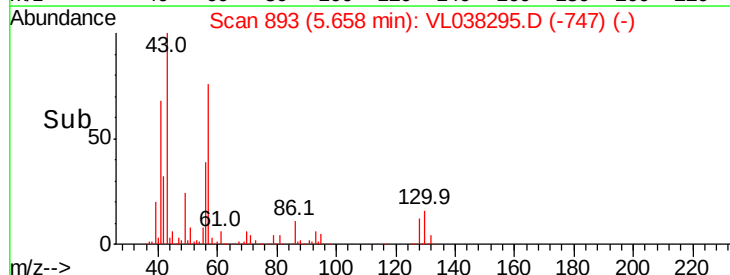
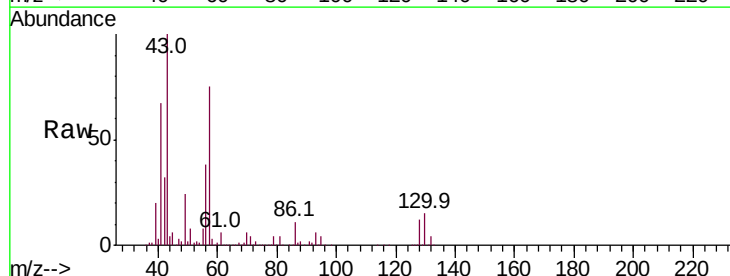
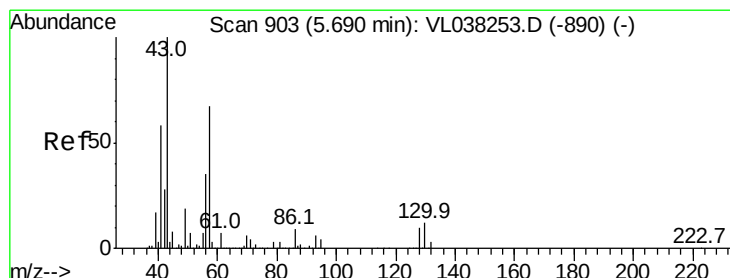
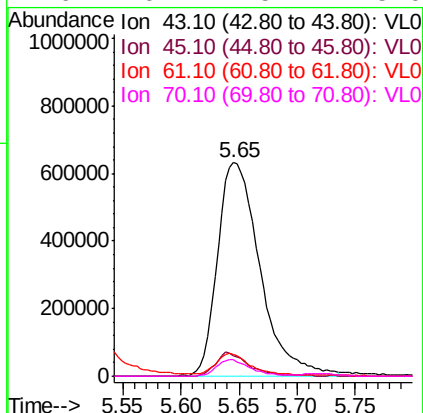


#25
Ethyl Acetate
Concen: 8.486 ppbv
RT: 5.65
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.4 5.4 8.0

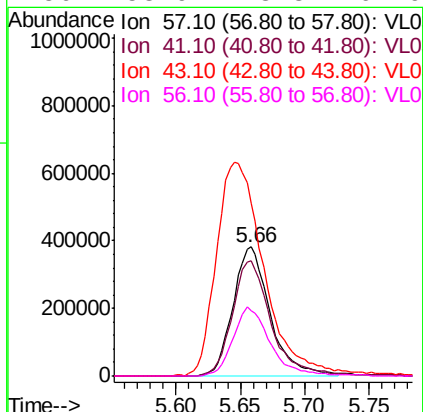
Manual Integrations
APPROVED

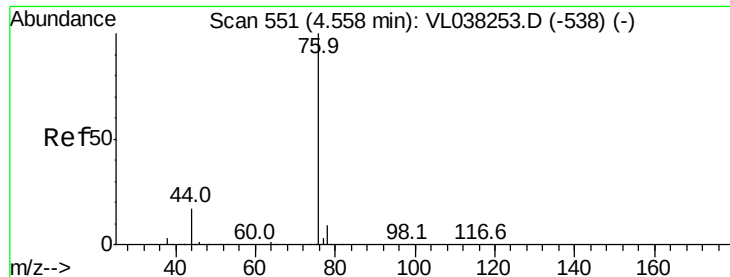
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 8.744 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 57 Resp: 765939
Ion Ratio Lower Upper
57 100
41 93.8 72.8 109.2
43 213.1 177.0 265.6
56 53.9 43.3 64.9





#27

Carbon Disulfide

Concen: 8.633 ppbv

RT: 4.53 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 18.

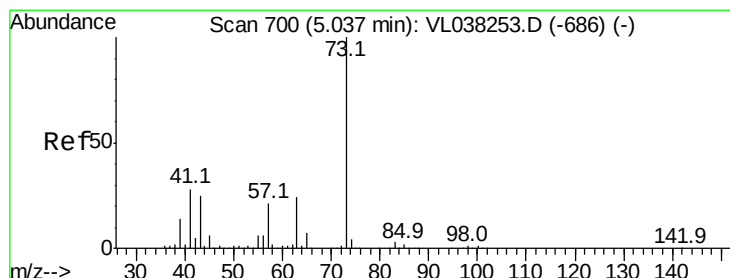
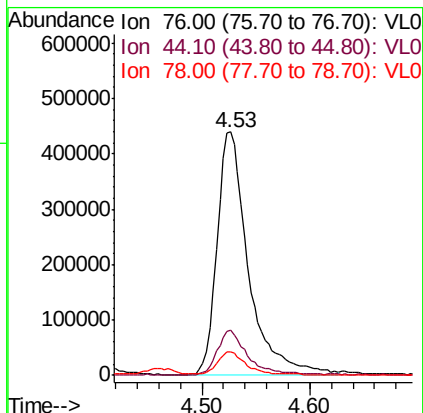
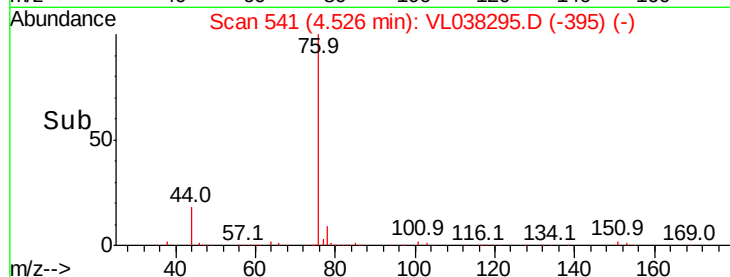
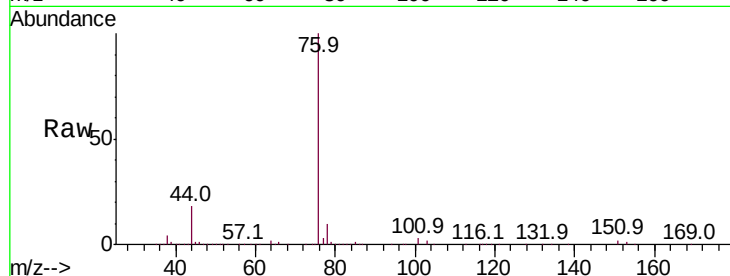
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#28

Methyl tert-Butyl Ether

Concen: 8.400 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.03 min

Lab File: VL038295.D

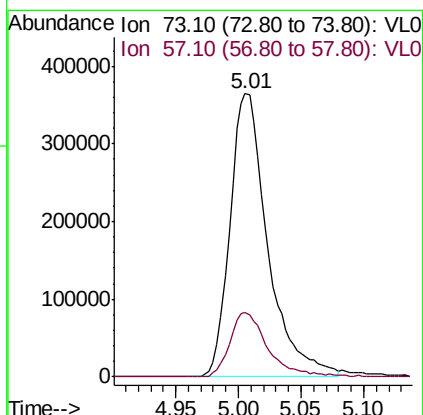
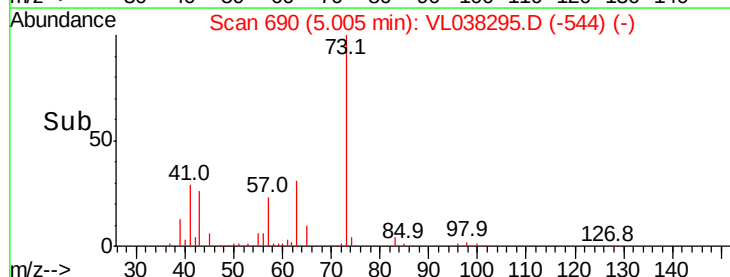
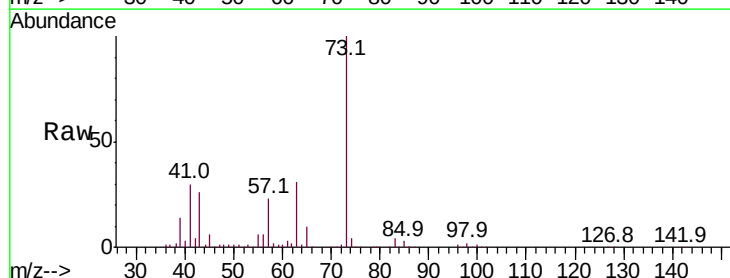
Acq: 26 Jan 2022 20:06

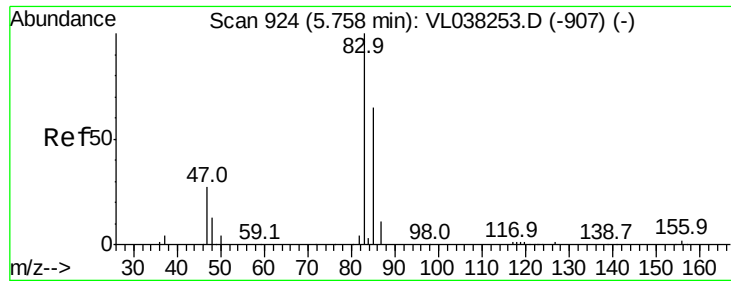
Tgt Ion: 73 Resp: 763360

Ion Ratio Lower Upper

73 100

57 23.4 18.2 27.4



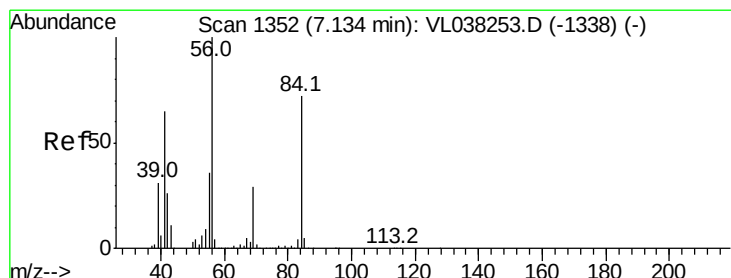
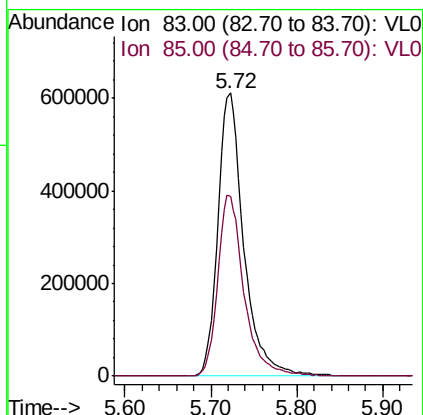
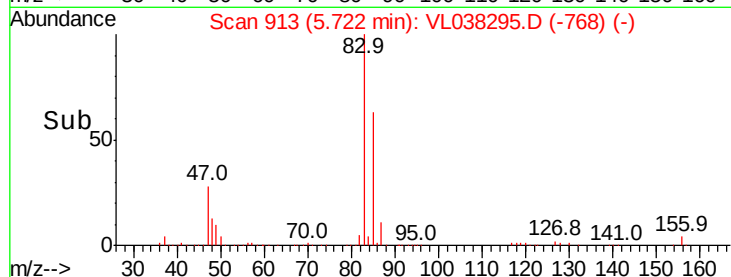
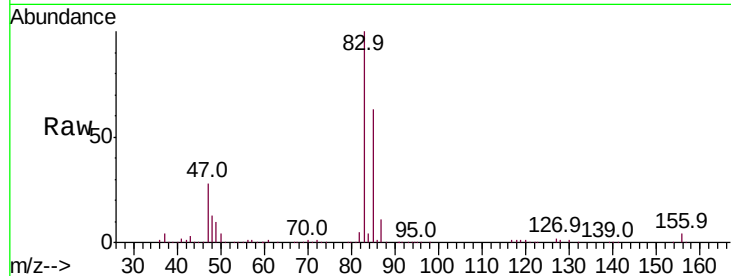


#29
Chloroform
Concen: 8.964 ppbv
RT: 5.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:06

Tot Ion:
Ion Ratio
83 100
85 63.

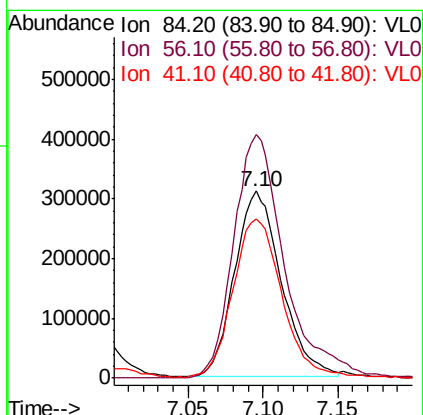
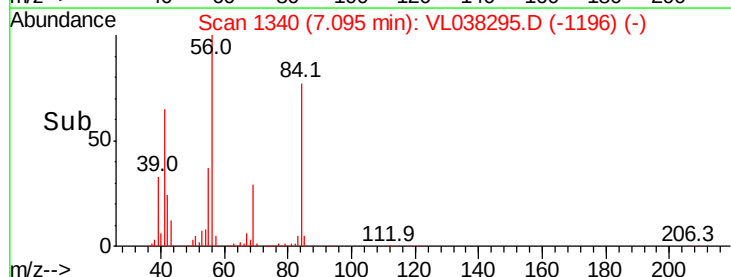
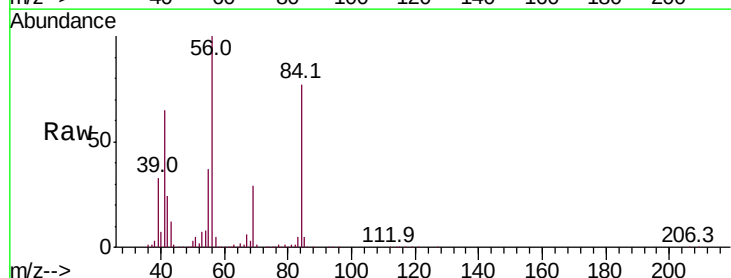
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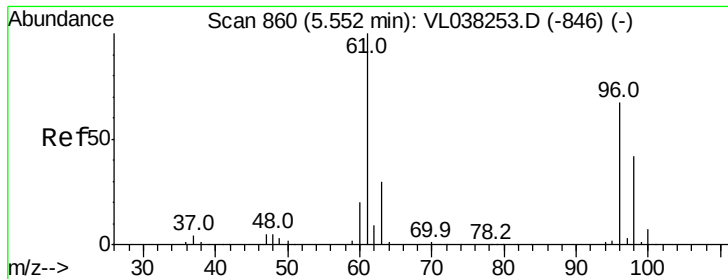
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#30
Cyclohexane
Concen: 8.838 ppbv
RT: 7.10 min Scan# 1340
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 84 Resp: 674096
Ion Ratio Lower Upper
84 100
56 144.8 112.7 169.1
41 91.6 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 7.453 ppbv

RT: 5.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00

Tot Ion:

Ion Ratio

61 100

96 69.

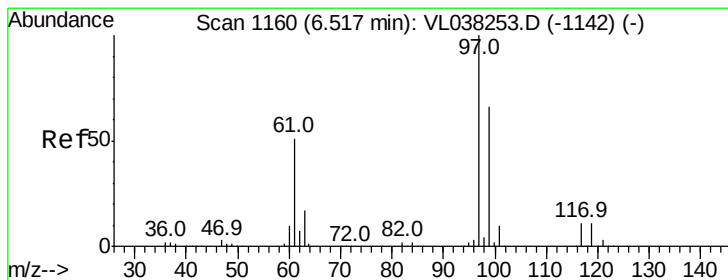
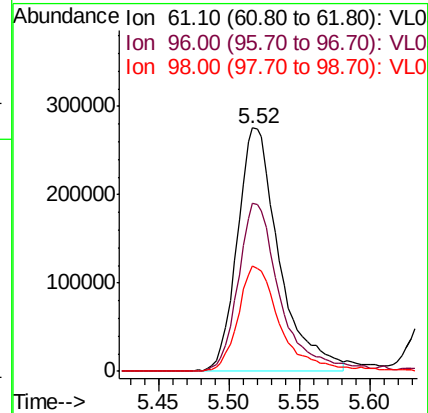
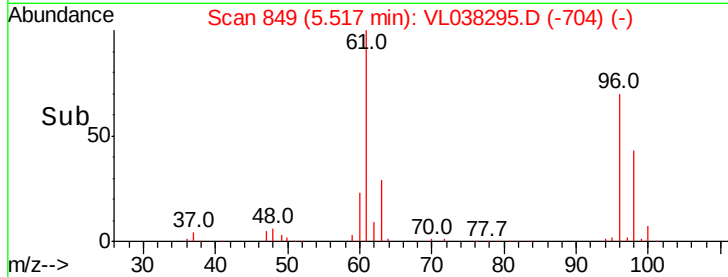
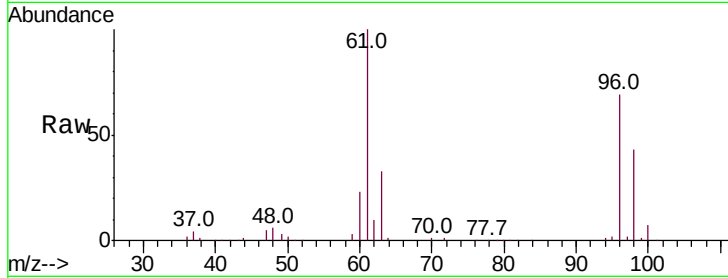
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#32

1,1,1-Trichloroethane

Concen: 8.918 ppbv

RT: 6.48 min Scan# 1148

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

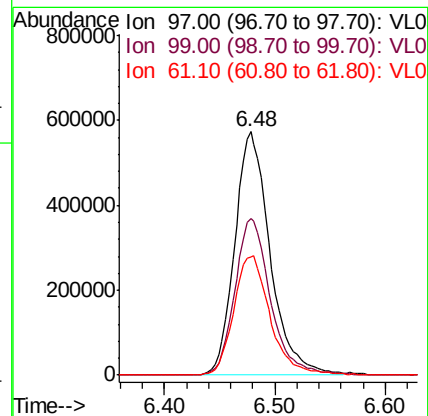
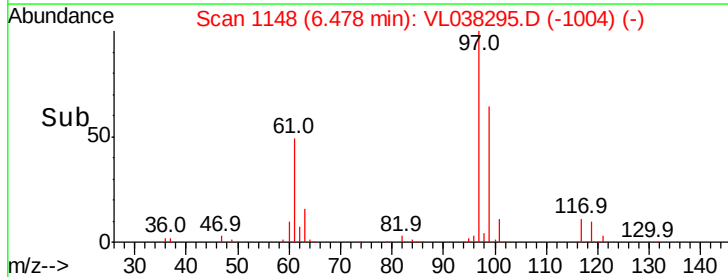
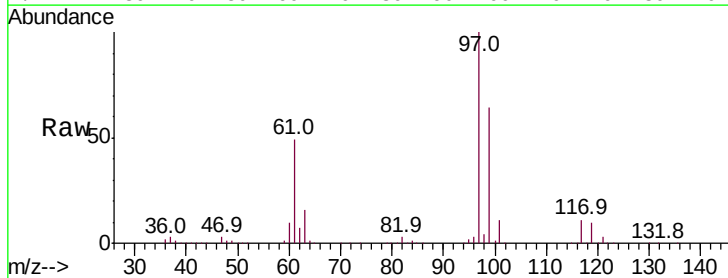
Tgt Ion: 97 Resp: 1273750

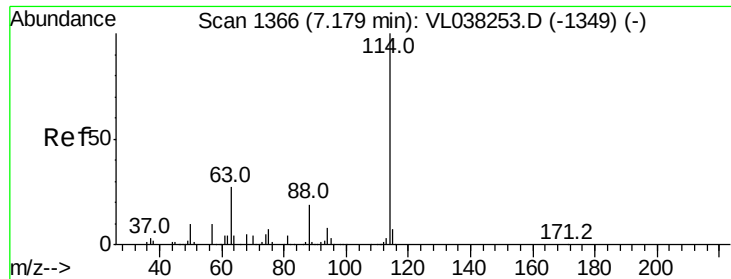
Ion Ratio Lower Upper

97 100

99 64.9 51.5 77.3

61 51.1 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 26 Jan 2022 20:00

Tot Ion:1

Ion Rati

114 100

63 27.

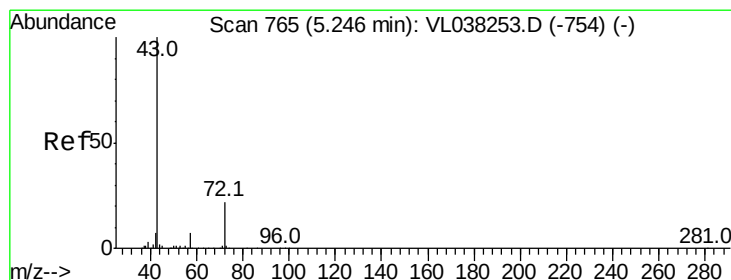
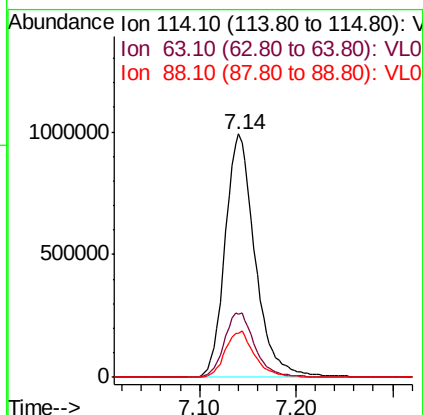
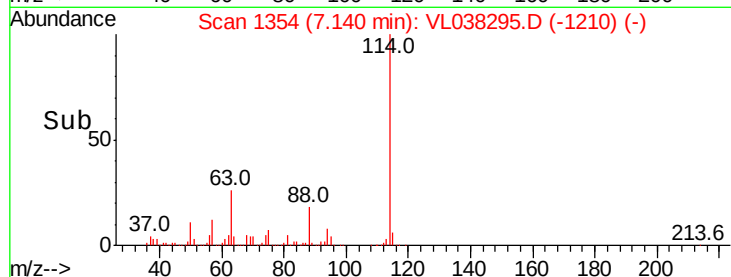
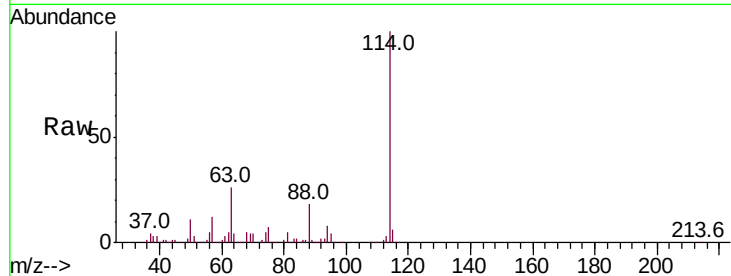
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#34

2-Butanone

Concen: 8.402 ppbv

RT: 5.21 min Scan# 754

Delta R.T. -0.04 min

Lab File: VL038295.D

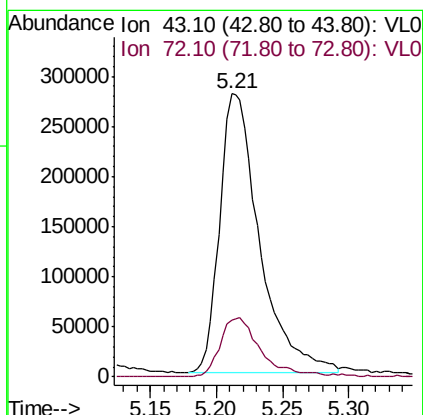
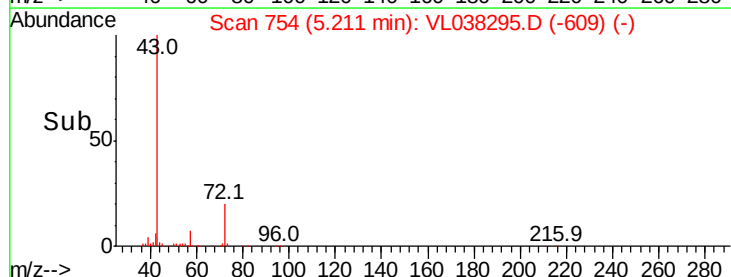
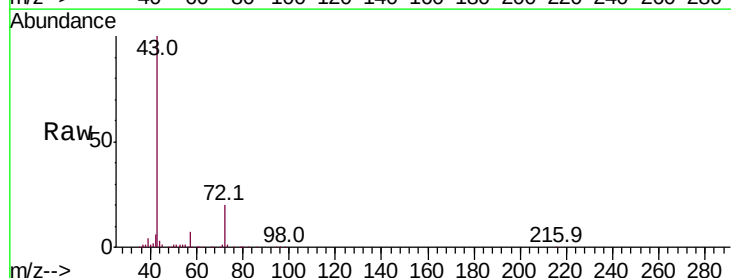
Acq: 26 Jan 2022 20:06

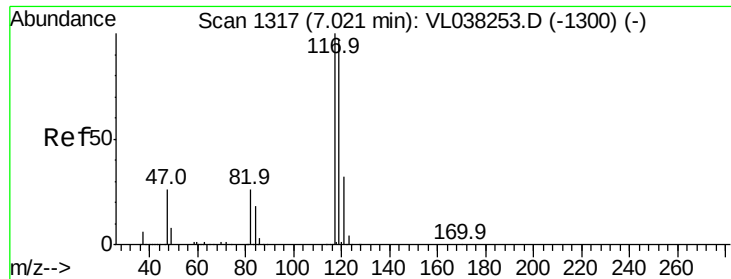
Tgt Ion: 43 Resp: 585338

Ion Ratio Lower Upper

43 100

72 22.3 18.1 27.1



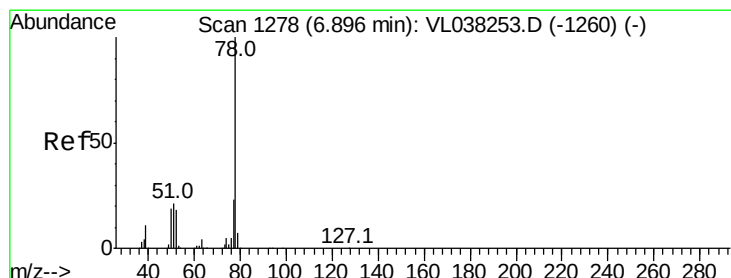
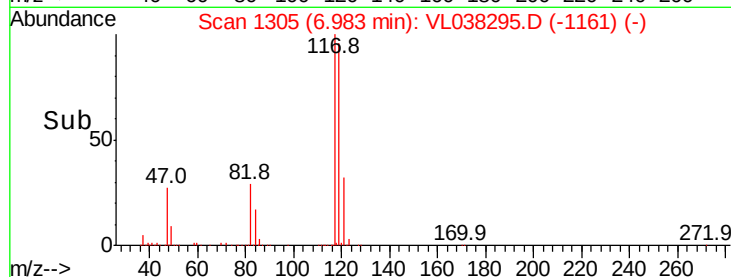
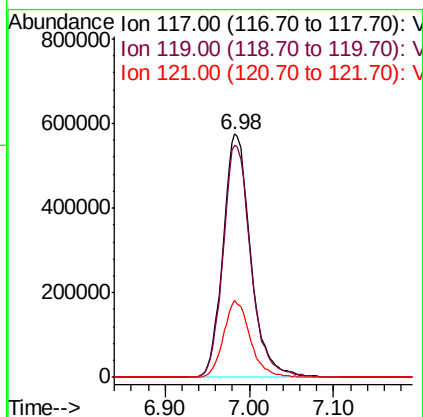
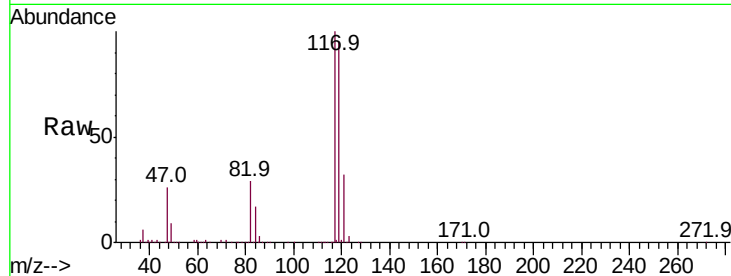


#35
Carbon Tetrachloride
Concen: 8.750 ppbv
RT: 6.98
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

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

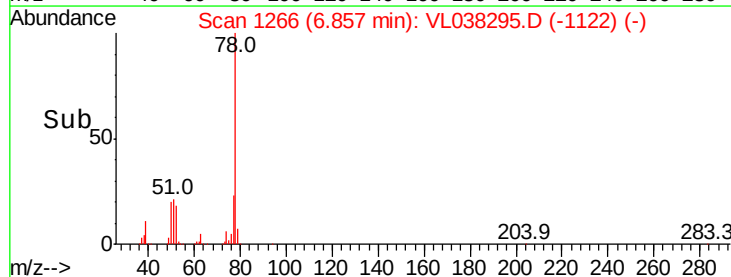
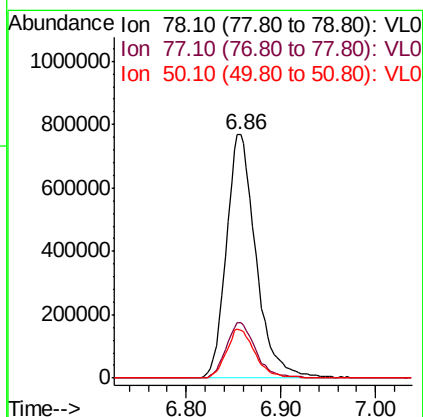
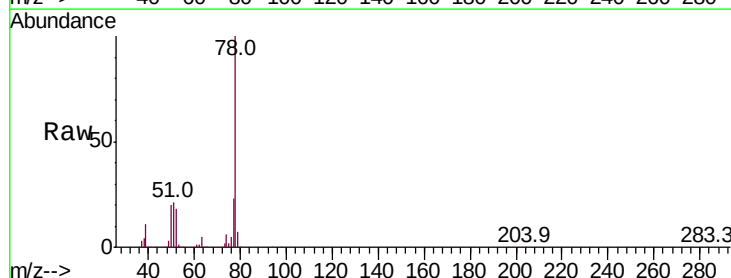
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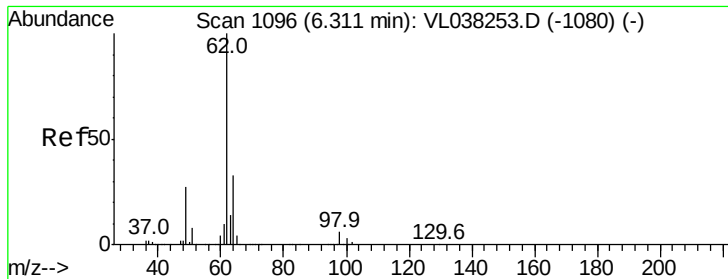
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#36
Benzene
Concen: 8.863 ppbv
RT: 6.86 min Scan# 1266
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 78 Resp: 1670121
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
50 19.8 15.1 22.7



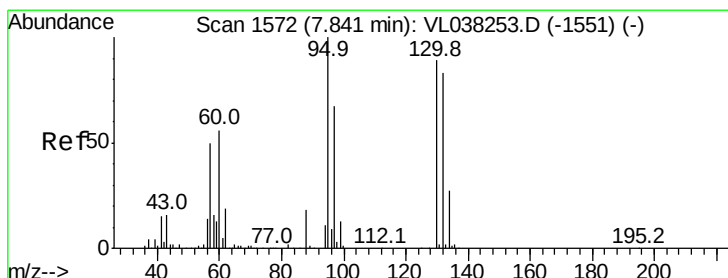
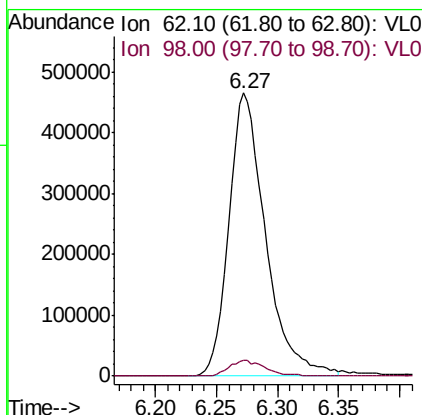
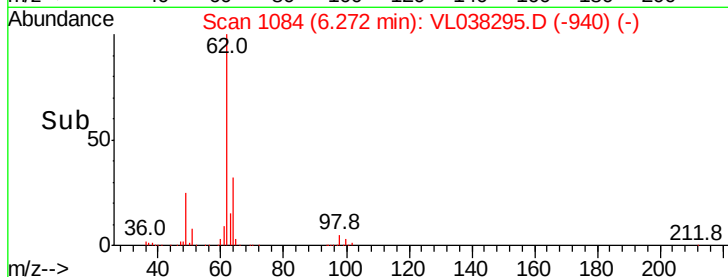
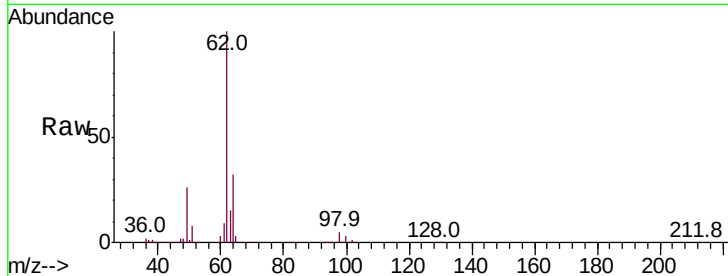


#37
 1,2-Dichloroethane
 Concen: 9.019 ppbv
 RT: 6.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:
 Ion Ratio
 62 100
 98 5.

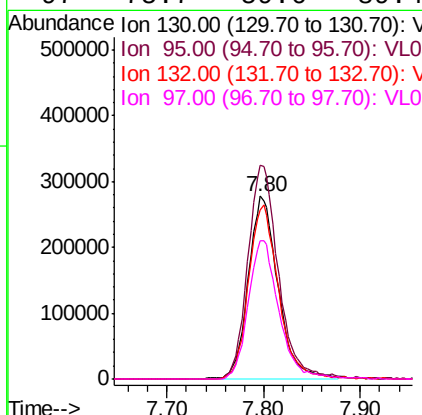
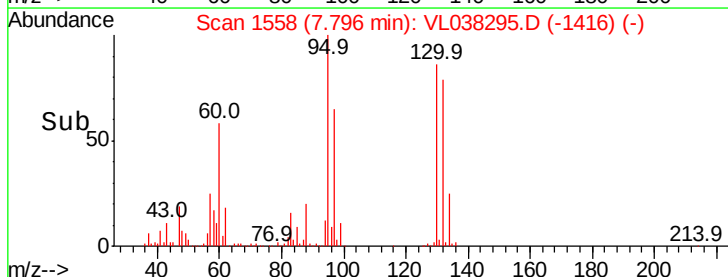
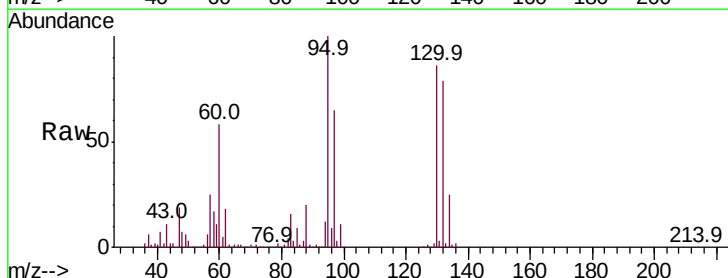
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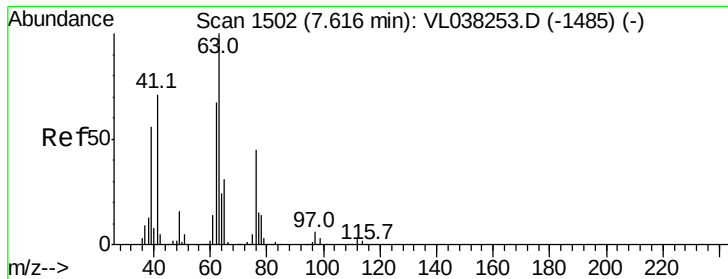
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#38
 Trichloroethene
 Concen: 8.462 ppbv
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:130 Resp: 593967
 Ion Ratio Lower Upper
 130 100
 95 116.9 89.4 134.2
 132 92.5 74.6 111.8
 97 75.7 59.6 89.4



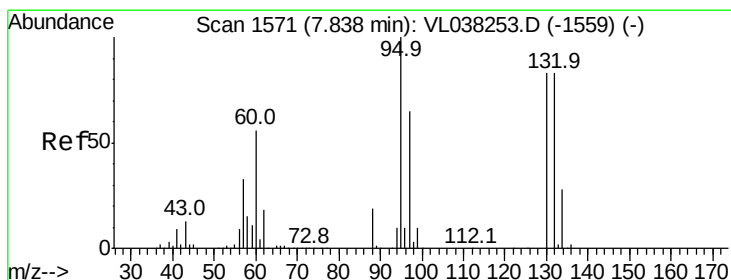
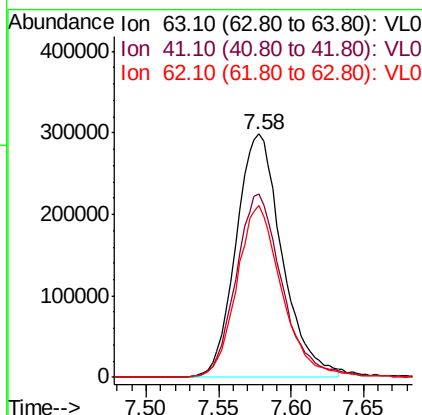
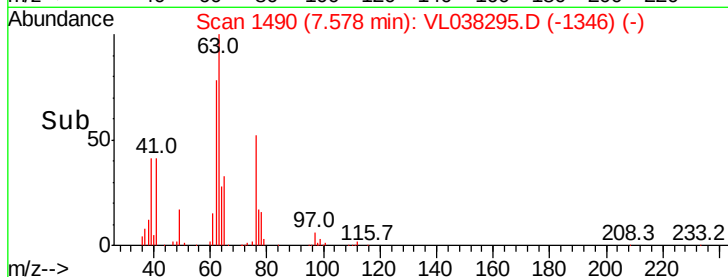
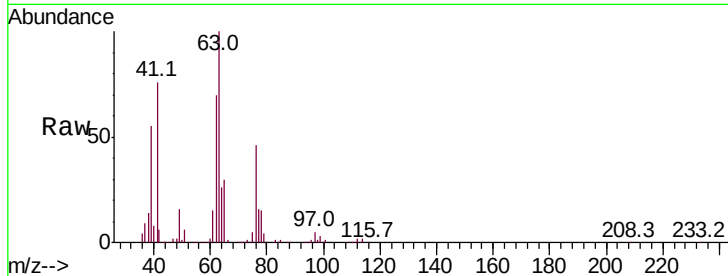


#39
 1,2-Dichloropropane
 Concen: 8.591 ppbv
 RT: 7.58
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:
 Ion Ratio
 63 100
 41 75.
 62 70.

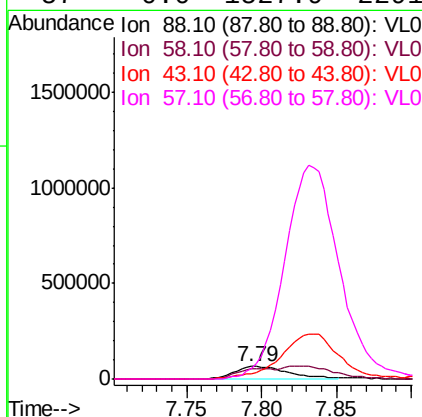
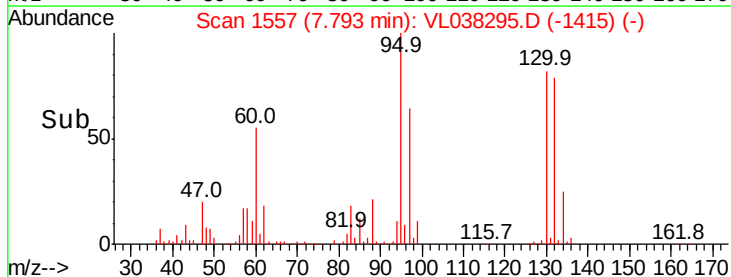
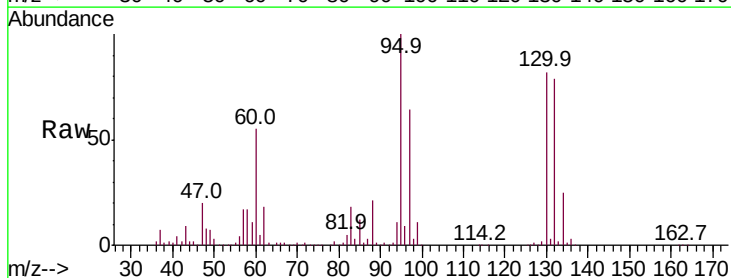
Manual Integrations
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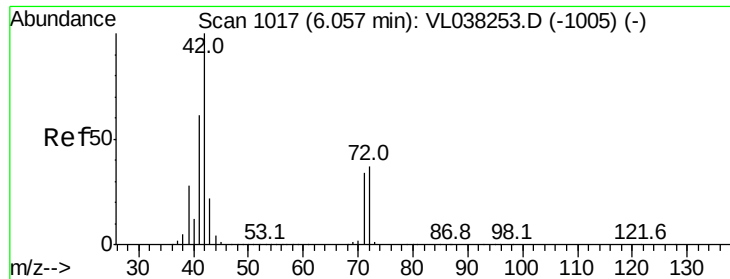
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#40
 1,4-Dioxane
 Concen: 8.613 ppbv
 RT: 7.79 min Scan# 1557
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion: 88 Resp: 158384
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#





#41

Tetrahydrofuran

Concen: 7.753 ppbv

RT: 6.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:06

Tot Ion:

Ion Ratio

42 100

72 38.

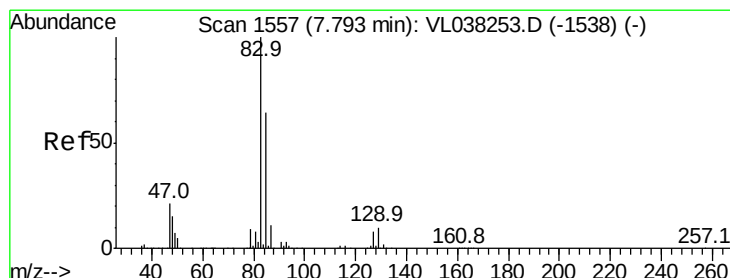
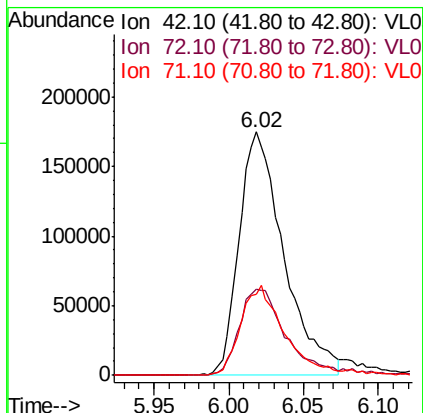
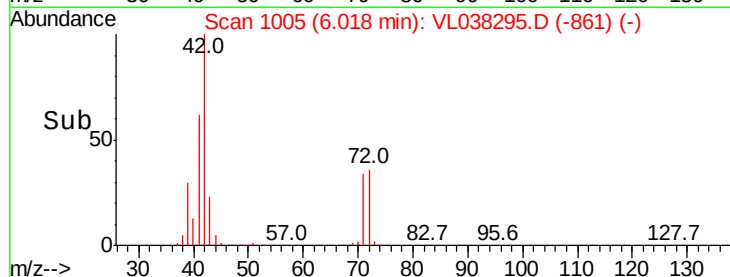
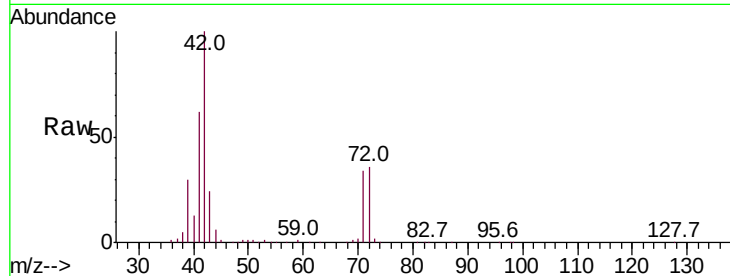
71 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#42

Bromodichloromethane

Concen: 8.777 ppbv

RT: 7.76 min Scan# 1546

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

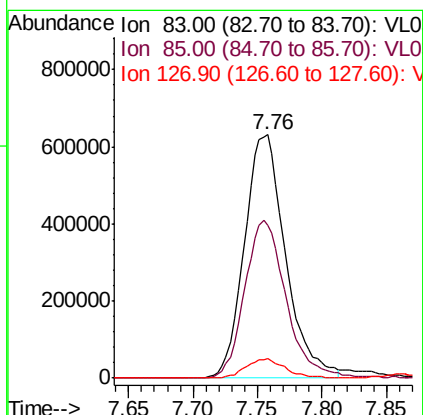
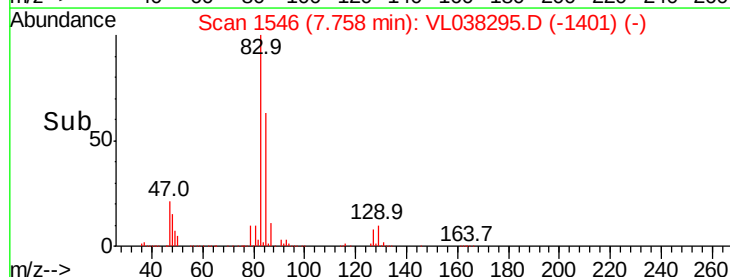
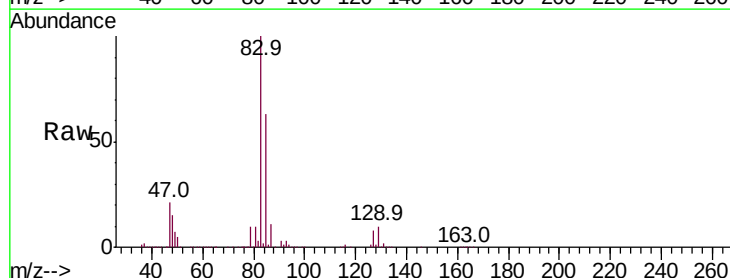
Tgt Ion: 83 Resp: 1405508

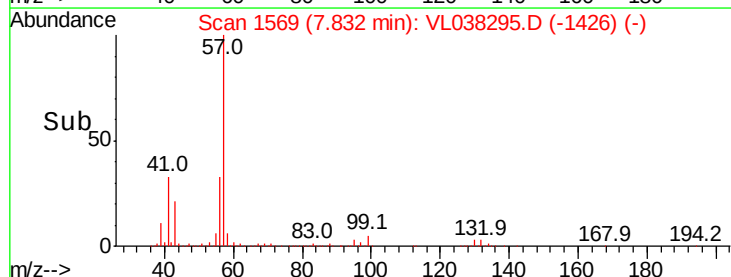
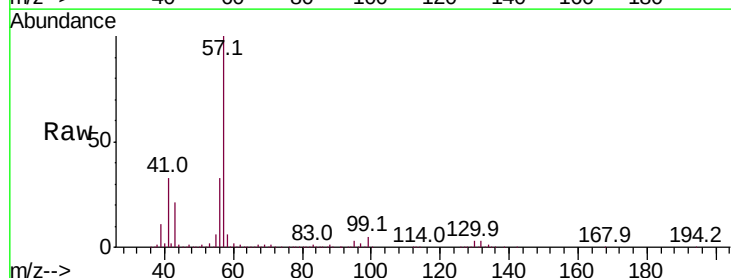
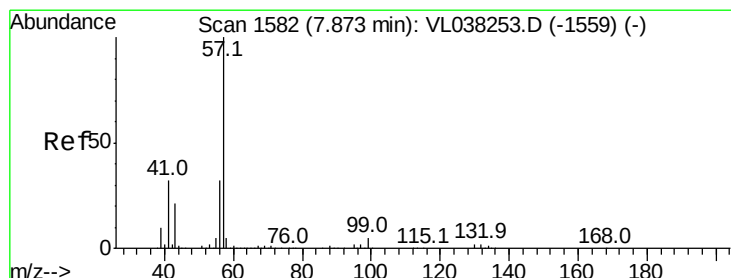
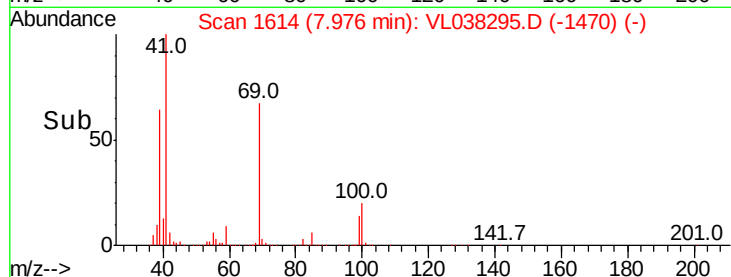
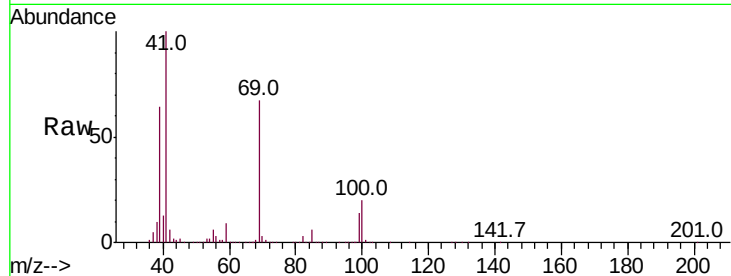
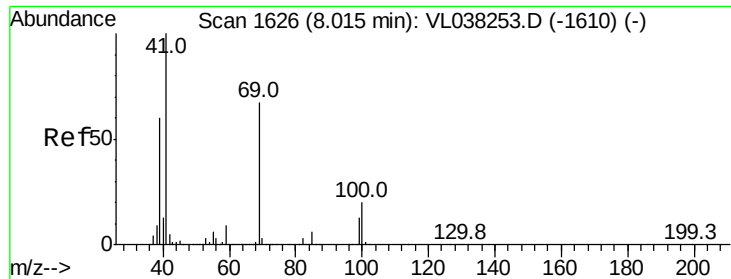
Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3

127 8.1 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.482 ppbv

RT: 7.98

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 26 Jan 2022 20:06

Tot Ion:

Ion Ratio

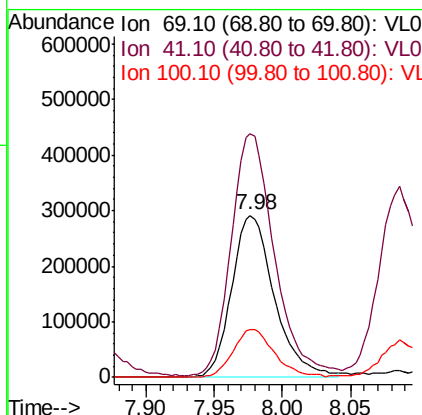
69	100
41	153.
100	29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#44

2,2,4-Trimethylpentane

Concen: 8.660 ppbv

RT: 7.83 min Scan# 1569

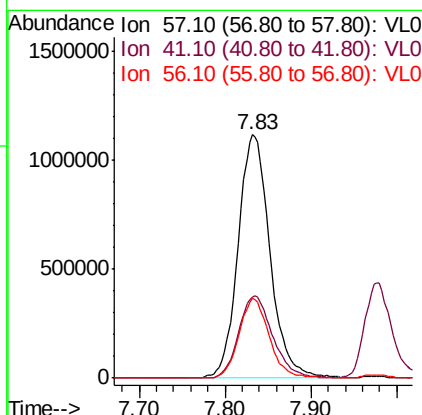
Delta R.T. -0.04 min

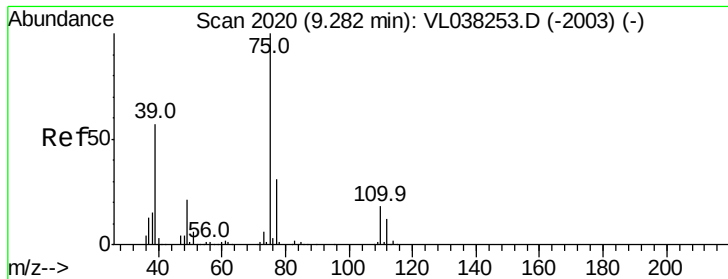
Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

Tgt Ion: 57 Resp: 2875796

Ion	Ratio	Lower	Upper
57	100		
41	35.9	26.3	39.5
56	31.4	25.2	37.8





#45

t-1,3-Dichloropropene

Concen: 3.741 ppbv

RT: 9.24 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

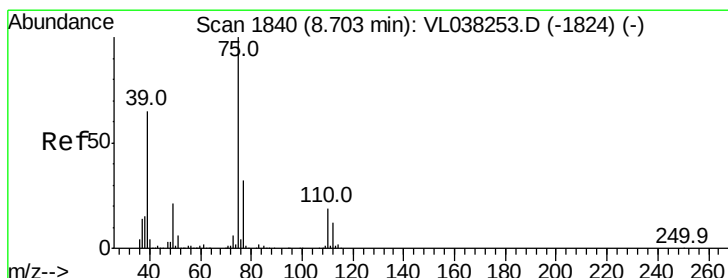
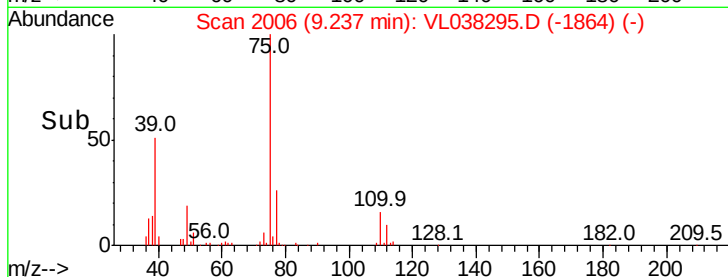
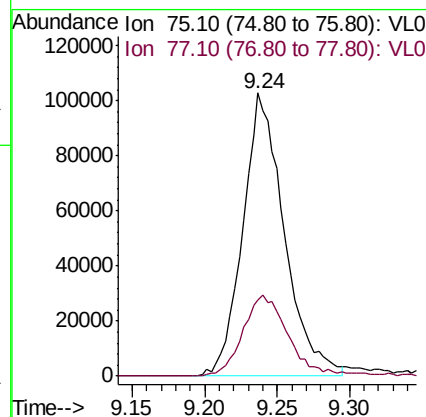
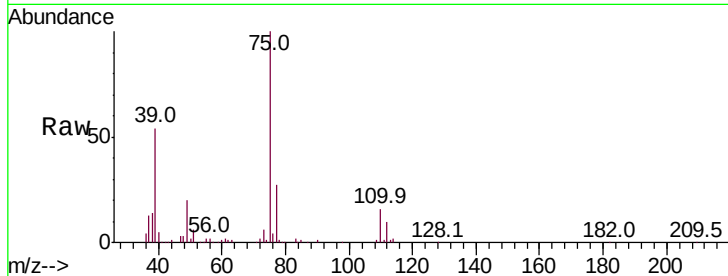
77 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#46

cis-1,3-Dichloropropene

Concen: 4.783 ppbv

RT: 8.66 min Scan# 1828

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

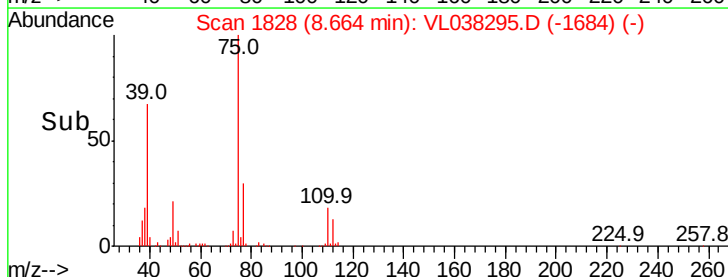
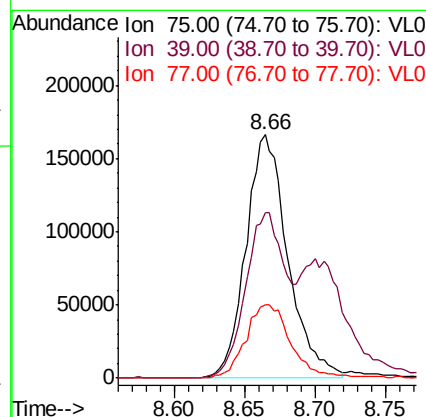
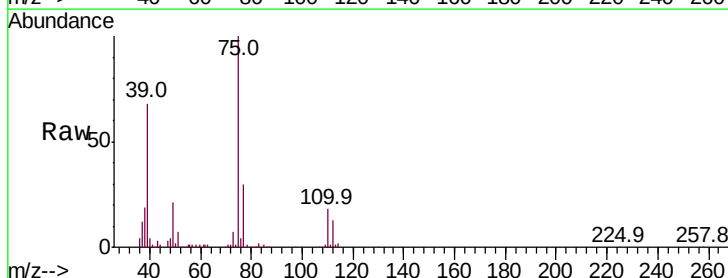
Tgt Ion: 75 Resp: 345569

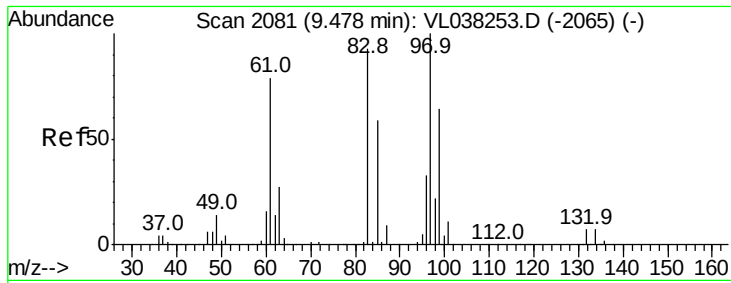
Ion Ratio Lower Upper

75 100

39 67.7 52.3 78.5

77 29.9 25.4 38.0



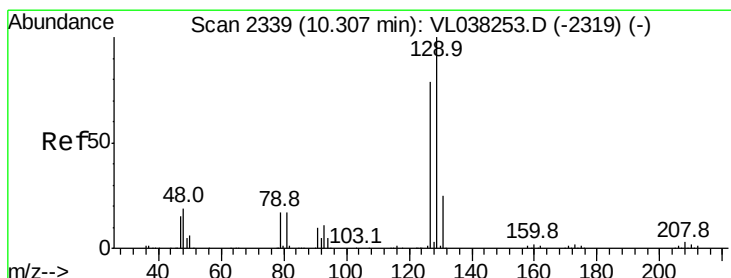
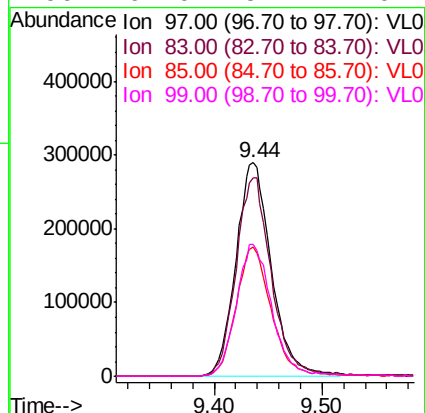
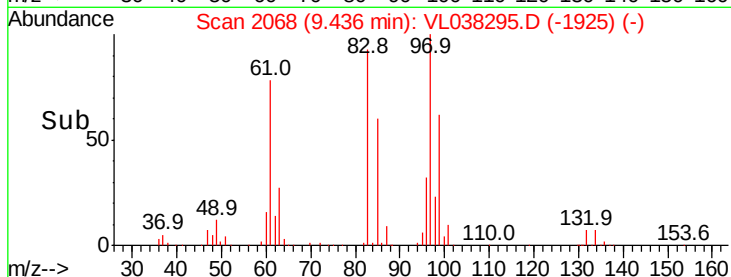
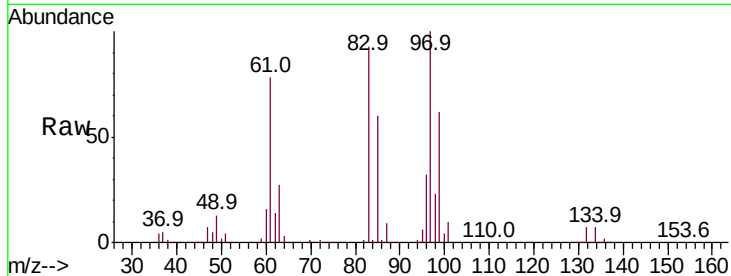


#47
 1,1,2-Trichloroethane
 Concen: 8.842 ppbv
 RT: 9.44
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 60.
 99 62.0 51.1 76.7

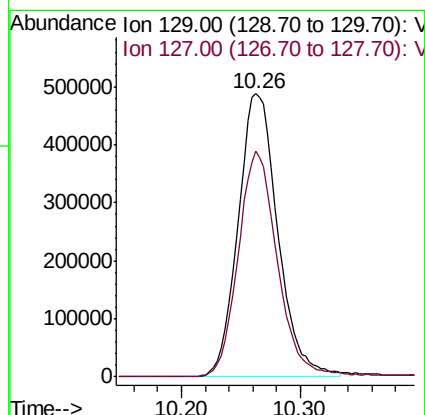
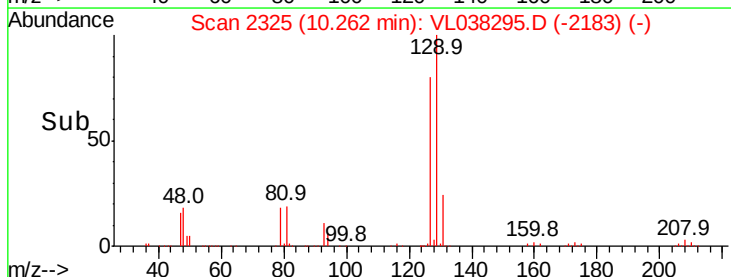
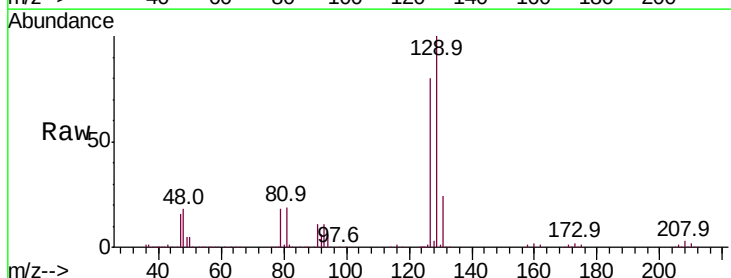
Manual Integrations
 APPROVED

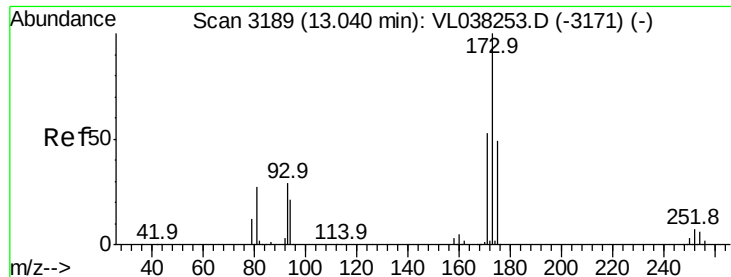
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#48
 Dibromochloromethane
 Concen: 8.937 ppbv
 RT: 10.26 min Scan# 2325
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:129 Resp: 1129451
 Ion Ratio Lower Upper
 129 100
 127 79.6 39.1 117.3





#49

Bromoform

Concen: 9.105 ppbv

RT: 13.00

Delta R.T.

Lab File:

Acq: 26 Jan 2022 20:00

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010EC

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

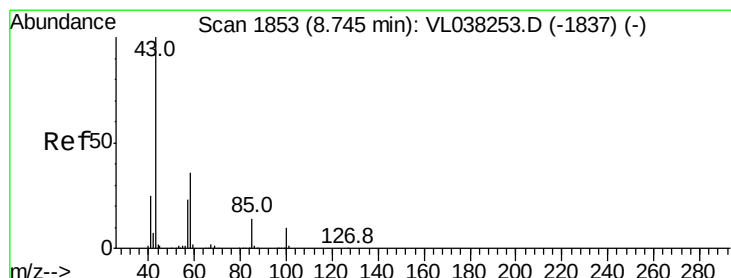
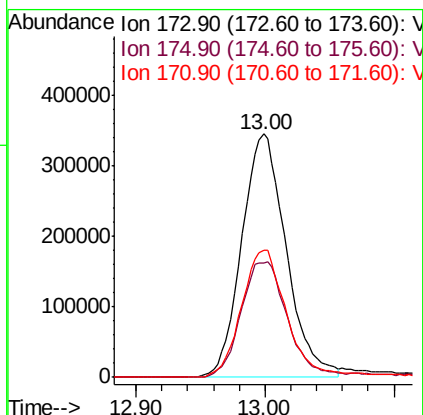
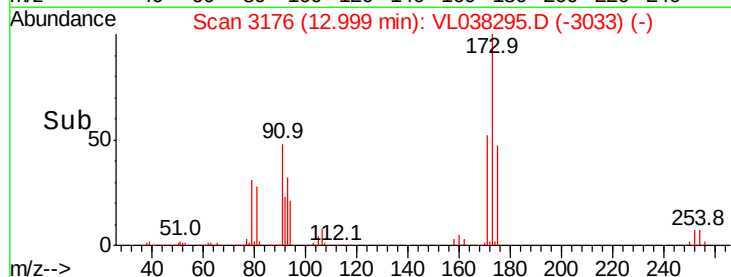
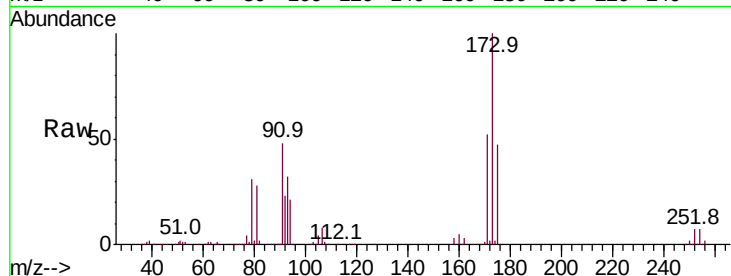
Tot Ion:1

Ion Ratio

173 100

175 52.

171 54.



#50

4-Methyl-2-Pentanone

Concen: 9.609 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VL038295.D

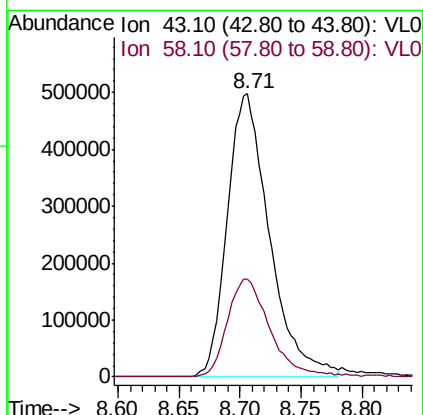
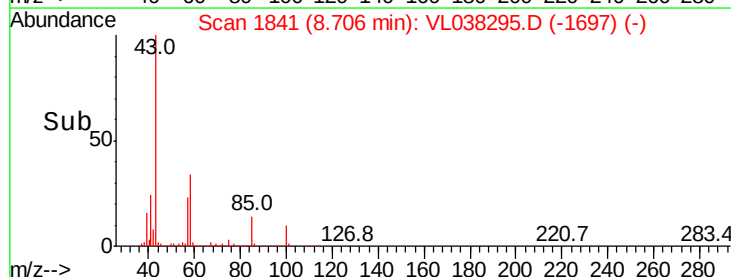
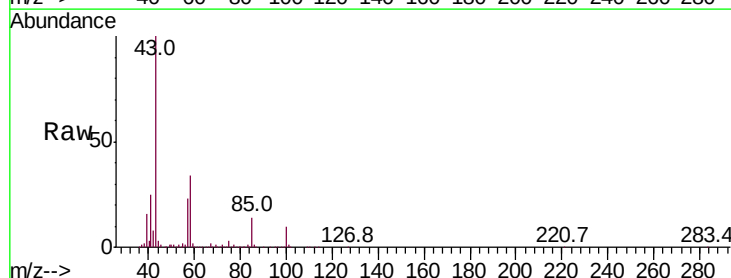
Acq: 26 Jan 2022 20:06

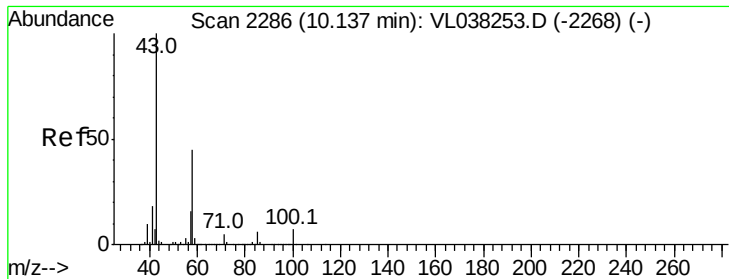
Tgt Ion: 43 Resp: 1194260

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.4





#51

2-Hexanone

Concen: 10.894 ppbv

RT: 10.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

58 46.

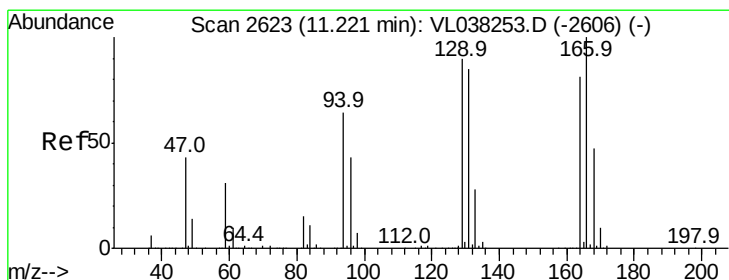
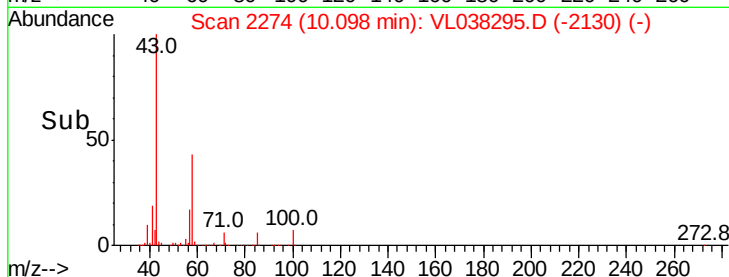
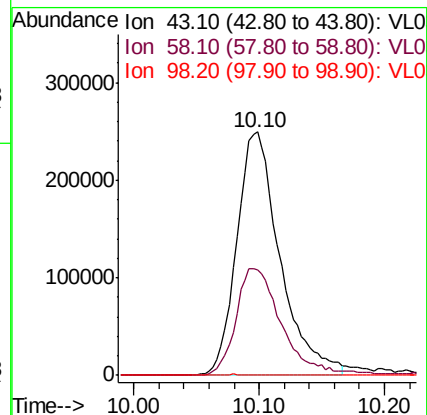
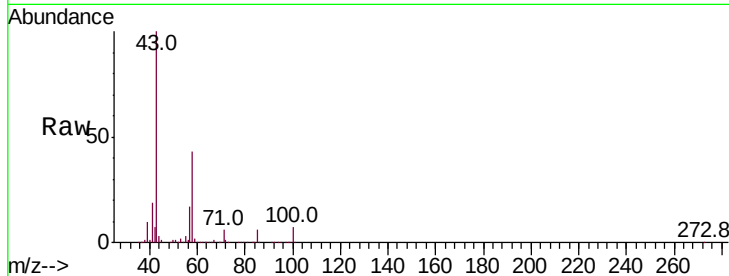
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#52

Tetrachloroethene

Concen: 7.858 ppbv

RT: 11.18 min Scan# 2611

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

Tgt Ion:164 Resp: 510347

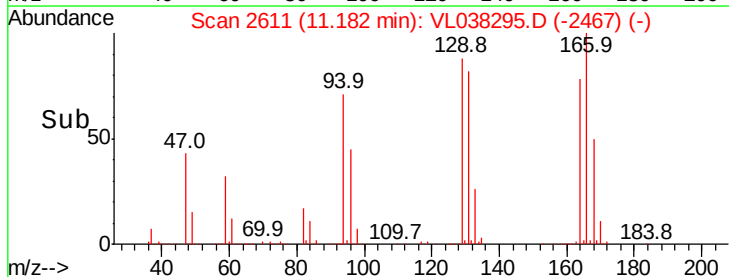
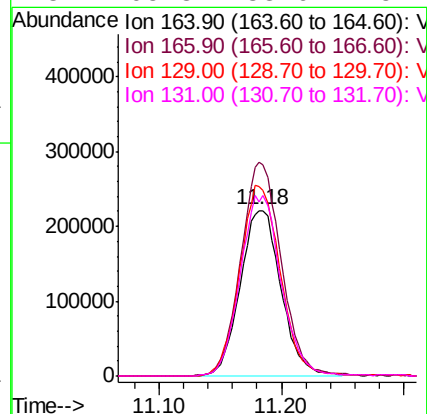
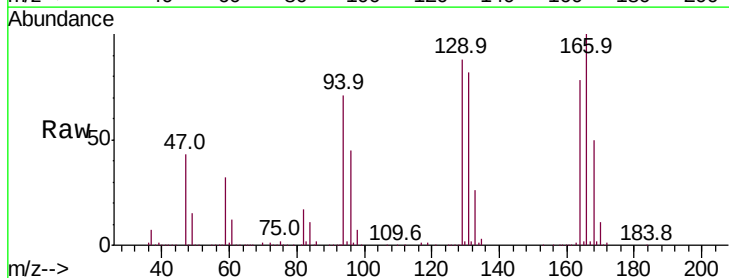
Ion Ratio Lower Upper

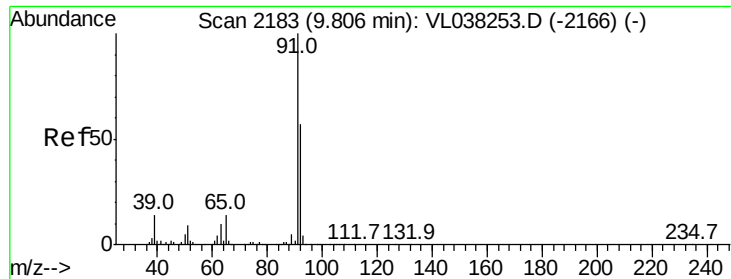
164 100

166 128.7 98.8 148.2

129 113.9 89.2 133.8

131 105.3 83.6 125.4





#53

Toluene

Concen: 8.877 ppbv

RT: 9.77

Delta R.T.

Lab File:

Acq: 26 Jan 2022 20:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

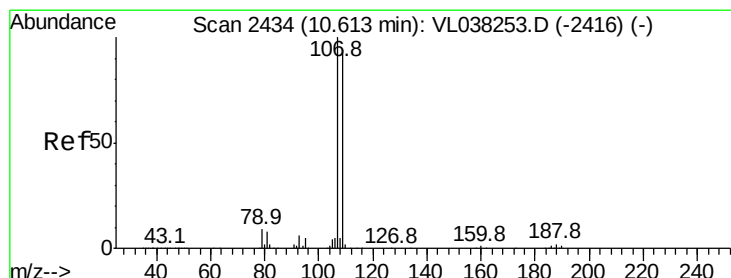
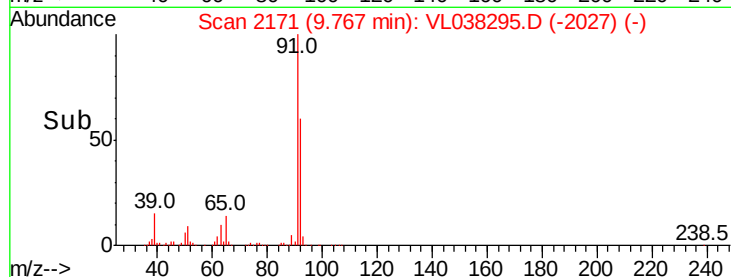
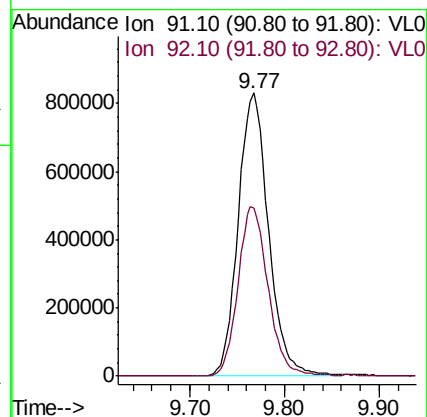
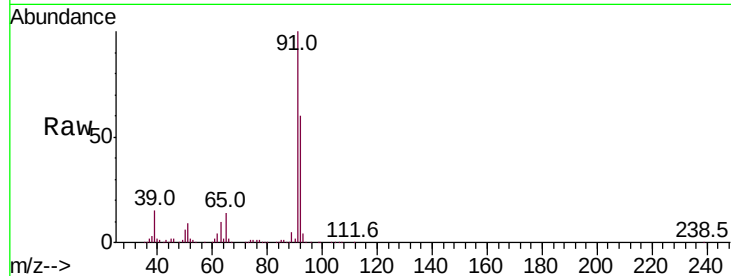
Supervised By :Mahesh Dadoda 01/28/2022

Tot Ion:

Ion Ratio

91 100

92 59.



#54

1,2-Dibromoethane

Concen: 8.445 ppbv

RT: 10.57 min Scan# 2420

Delta R.T. -0.04 min

Lab File: VL038295.D

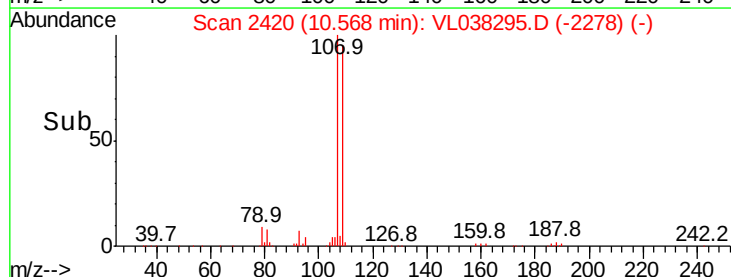
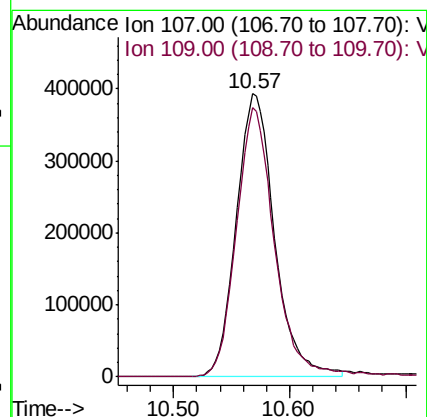
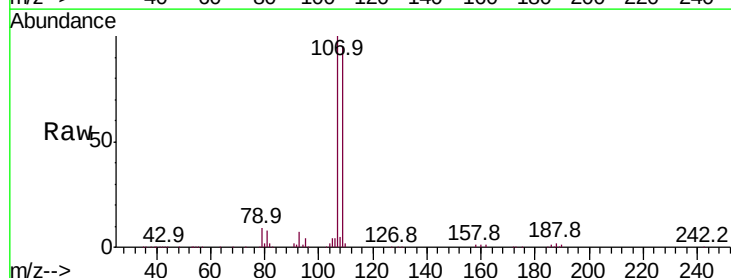
Acq: 26 Jan 2022 20:06

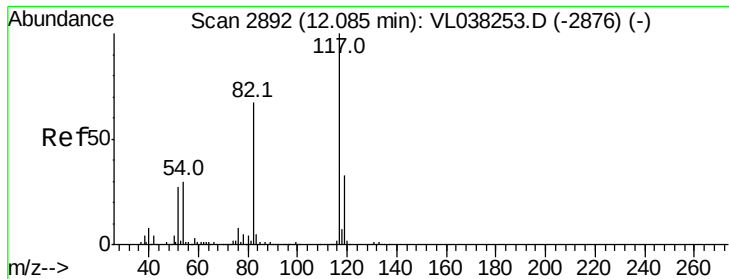
Tgt Ion:107 Resp: 901245

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0



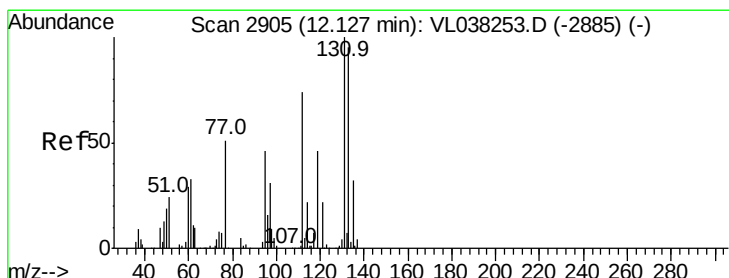
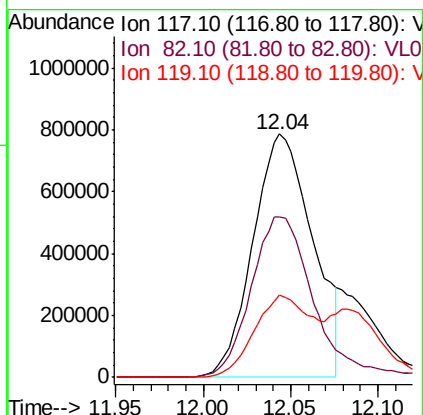
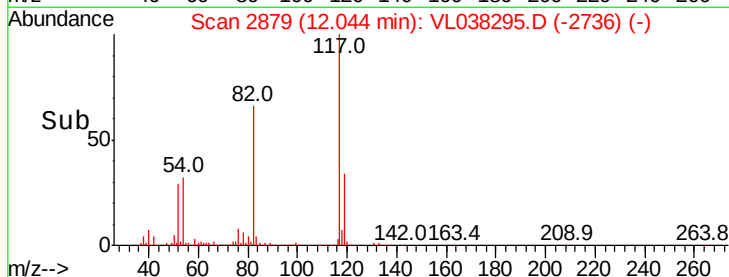
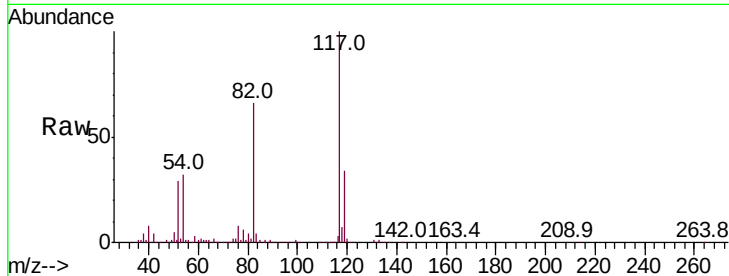


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.04
Instrument : MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:1
Ion Rati
117 100
82 71.
119 58.

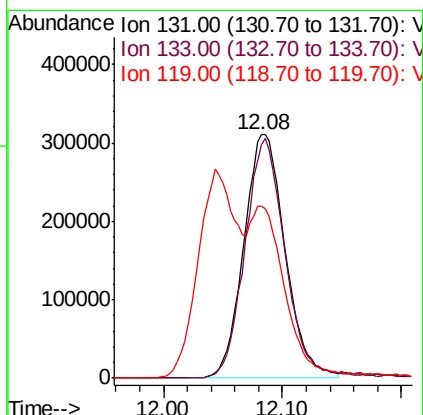
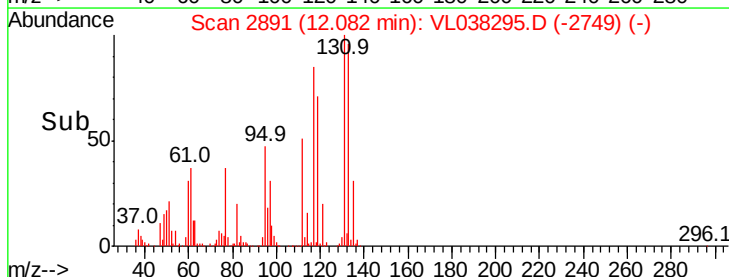
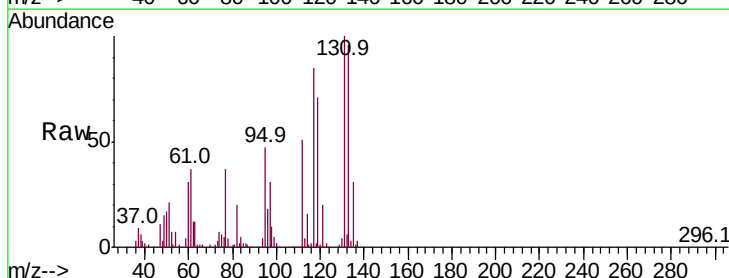
Manual Integrations
APPROVED

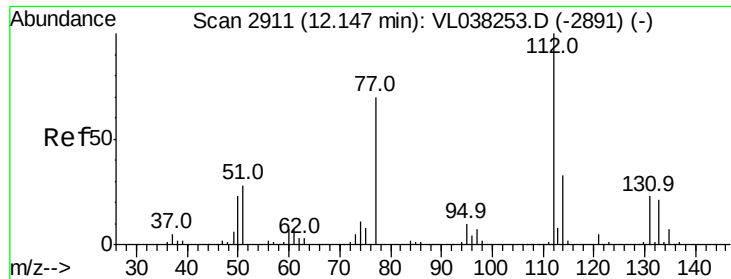
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.098 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion:131 Resp: 744933
Ion Ratio Lower Upper
131 100
133 97.5 76.0 114.0
119 61.0 53.0 79.4



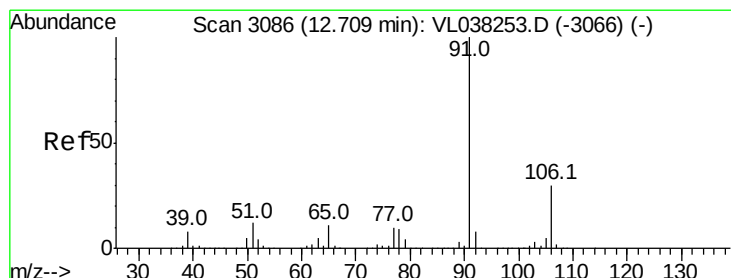
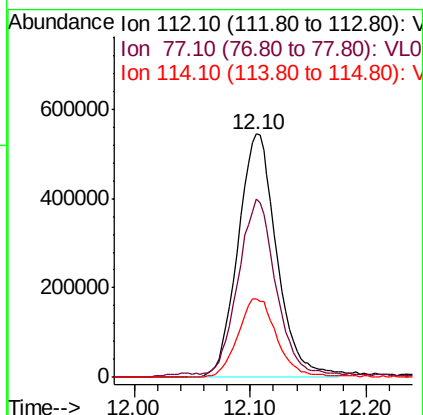
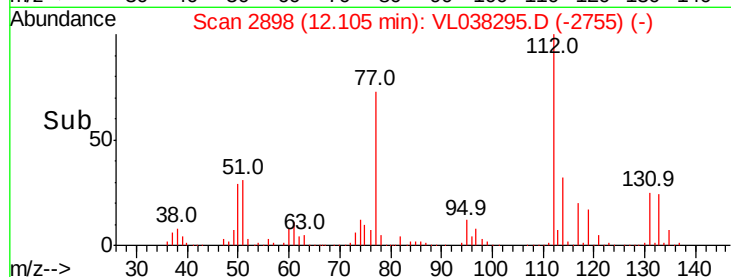
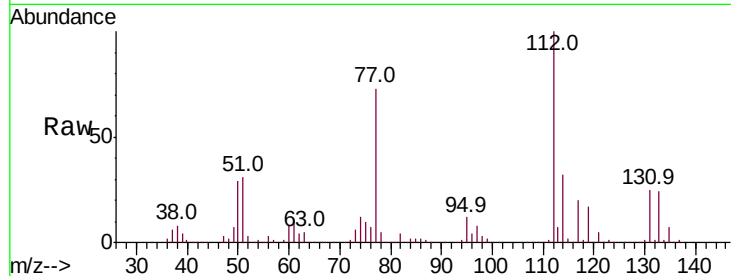


#57
Chlorobenzene
Concen: 8.456 ppbv
RT: 12.10 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:1
Ion Rati
112 100
77 72.
114 31.

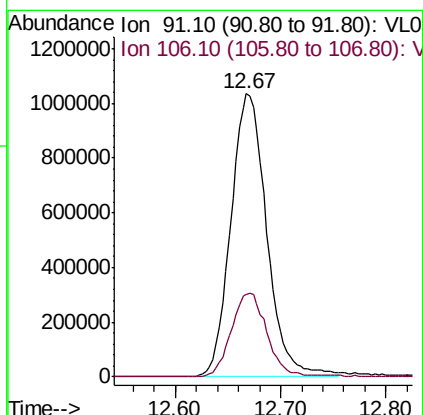
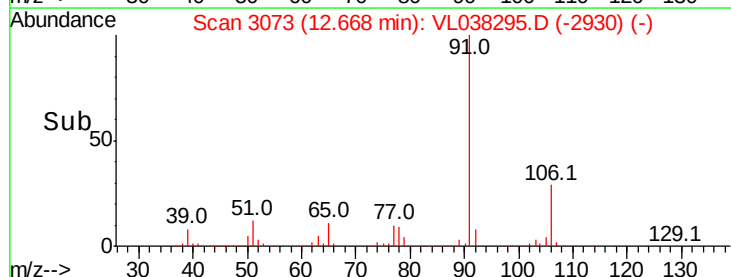
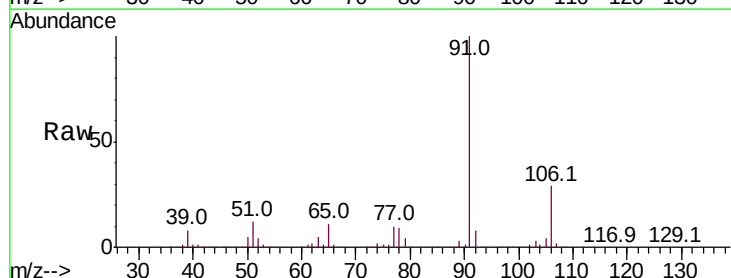
Manual Integrations
APPROVED

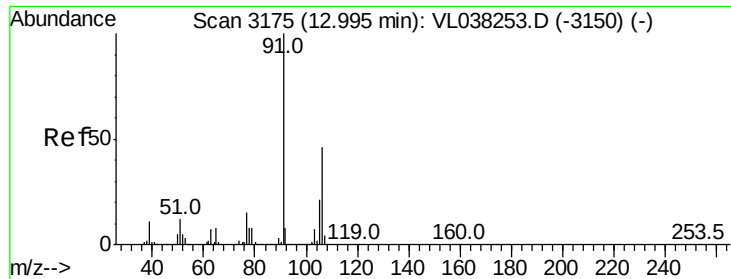
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#58
Ethyl Benzene
Concen: 8.890 ppbv
RT: 12.67 min Scan# 3073
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 91 Resp: 2444261
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



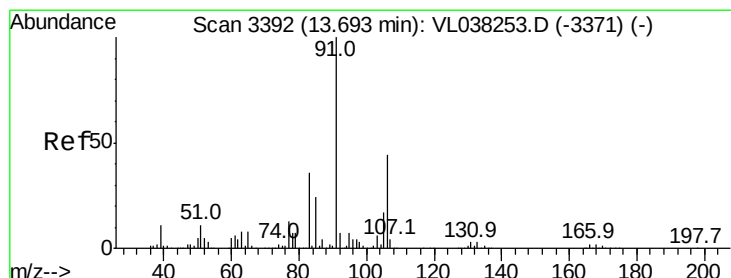
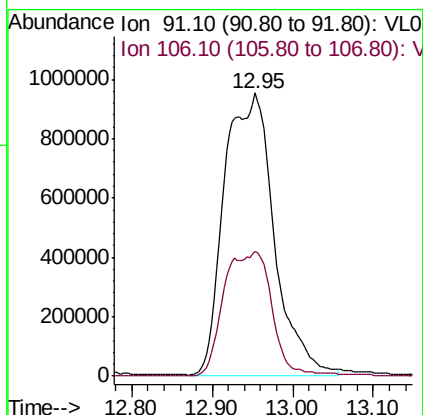
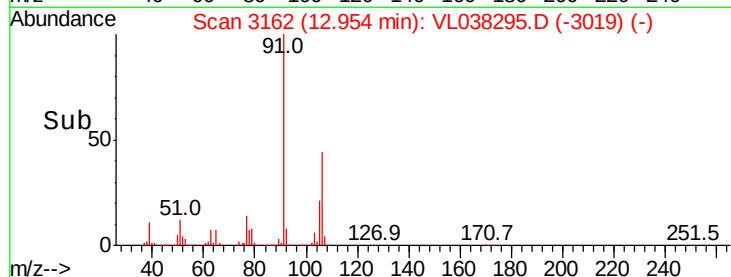
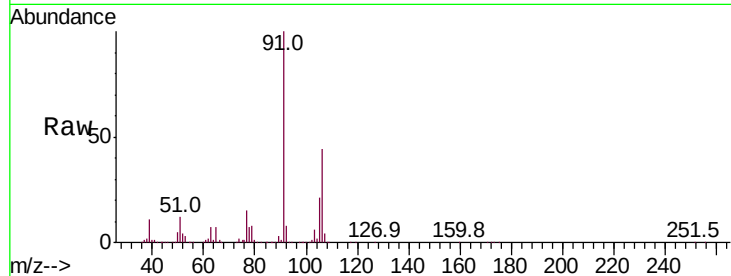


#59
m/p-Xylene
Concen: 17.345 ppbv m
RT: 12.95
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:
Ion Ratio
91 100
106 42.

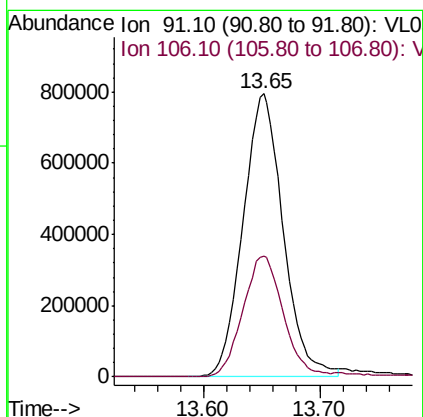
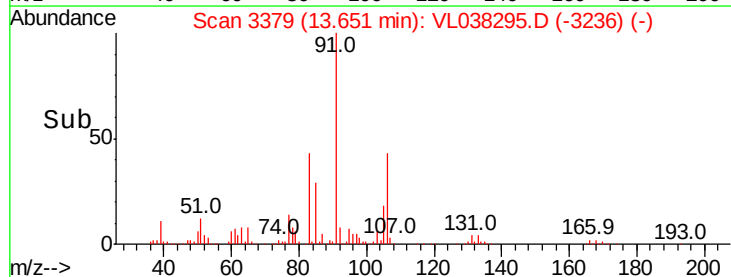
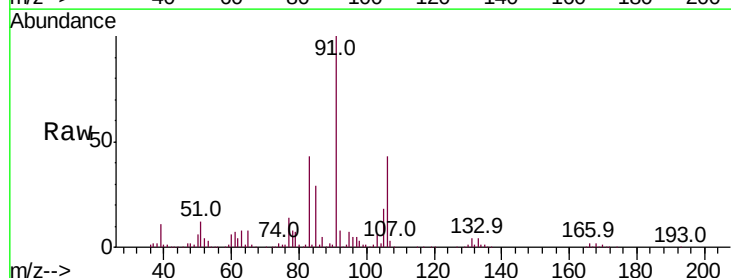
Manual Integrations
APPROVED

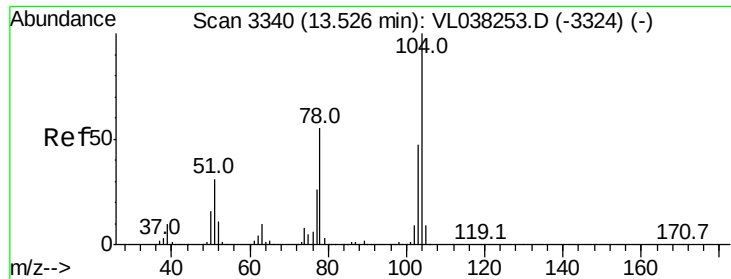
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
o-Xylene
Concen: 8.746 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 91 Resp: 1908128
Ion Ratio Lower Upper
91 100
106 45.0 22.2 66.6



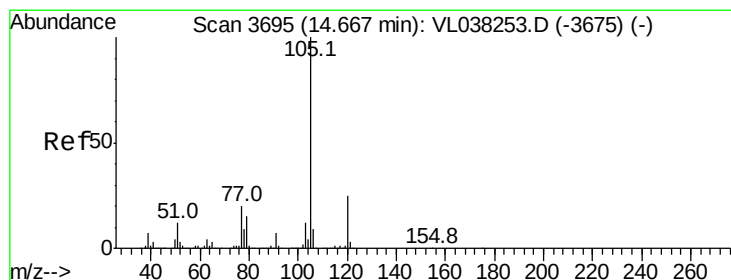
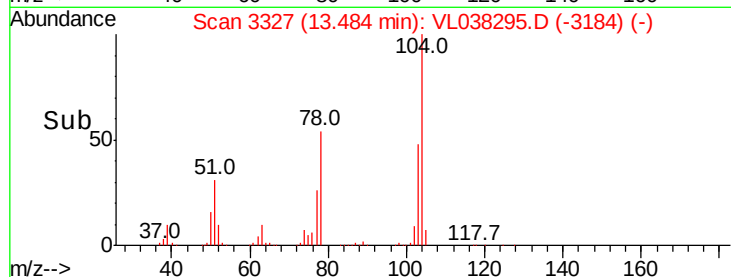
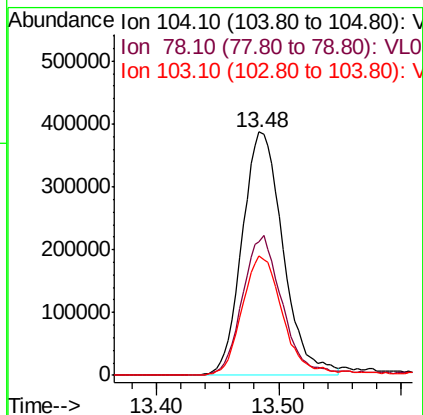
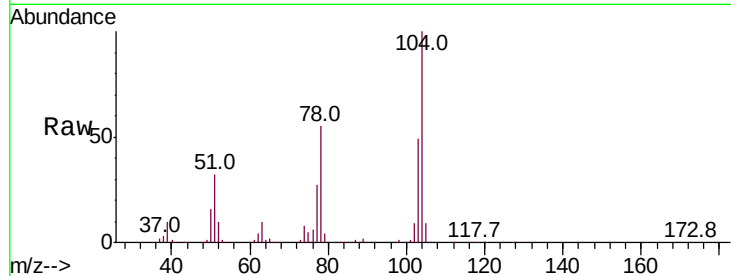


#61
Stvrene
Concen: 8.817 ppbv
RT: 13.48
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Jan 2022 20:00

Tot Ion:1
Ion Rati
104 100
78 57.
103 49.

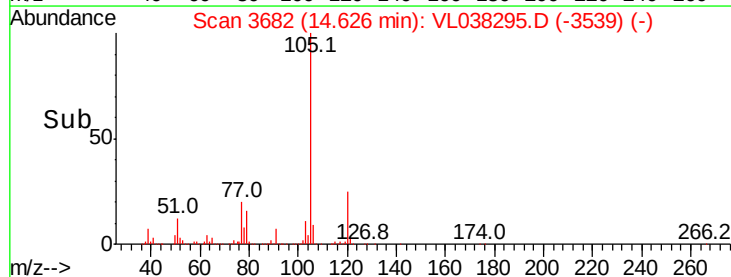
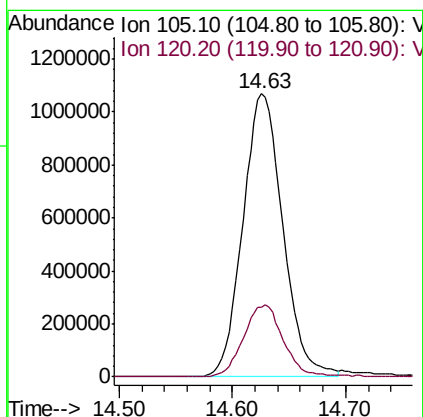
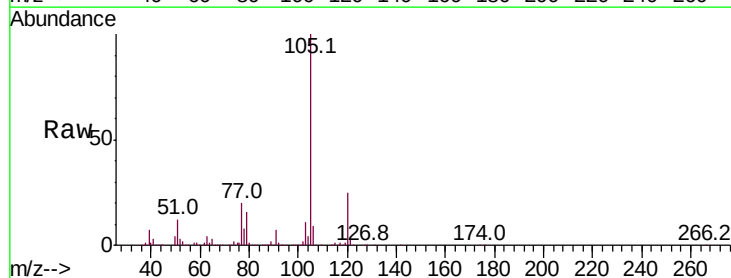
Manual Integrations
APPROVED

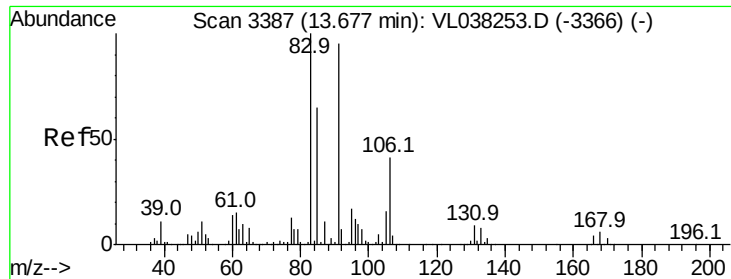
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#62
Isopropylbenzene
Concen: 9.031 ppbv
RT: 14.63 min Scan# 3682
Delta R.T. -0.04 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:00

Tgt Ion:105 Resp: 2626575
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 8.843 ppbv

RT: 13.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:

Ion Ratio

83 100

131 9.

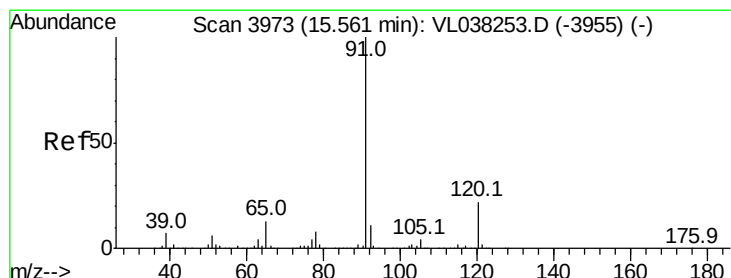
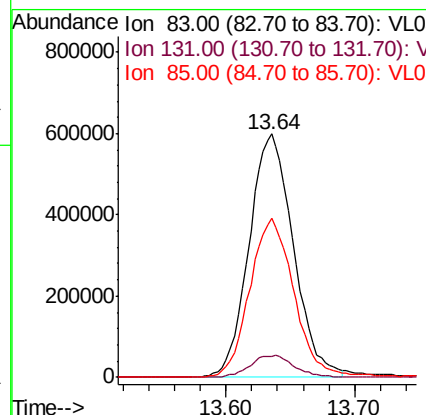
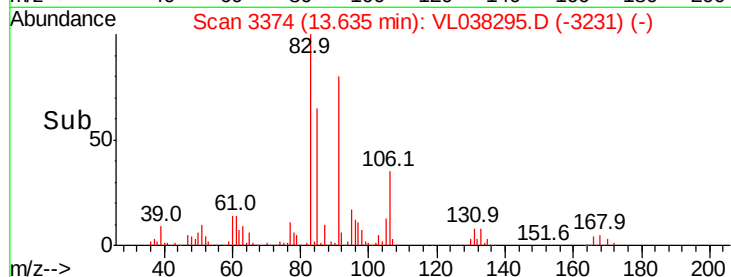
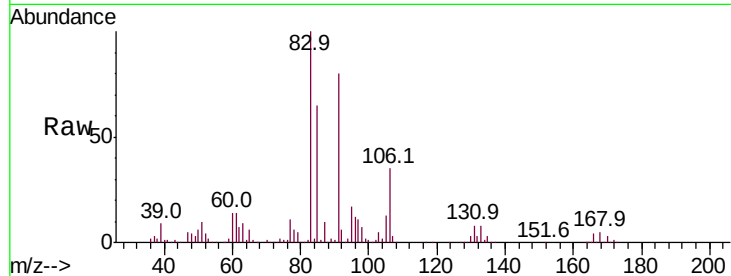
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#64

n-propylbenzene

Concen: 9.200 ppbv

RT: 15.52 min Scan# 3960

Delta R.T. -0.04 min

Lab File: VL038295.D

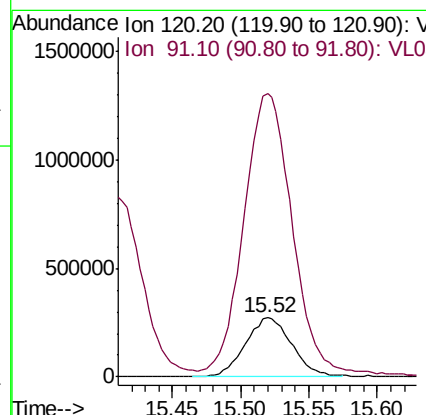
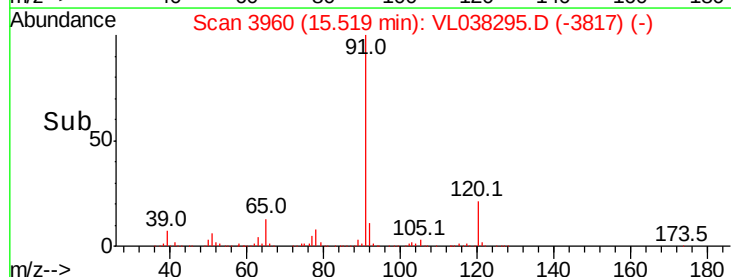
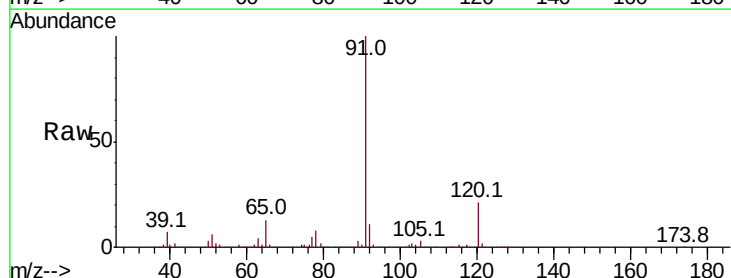
Acq: 26 Jan 2022 20:06

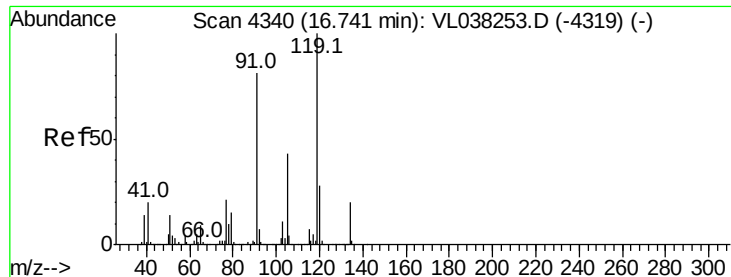
Tgt Ion:120 Resp: 643692

Ion Ratio Lower Upper

120 100

91 508.9 390.8 586.2



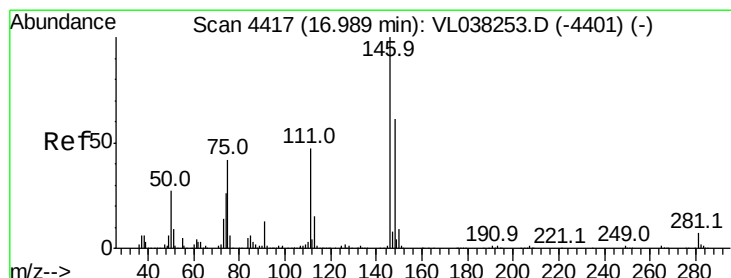
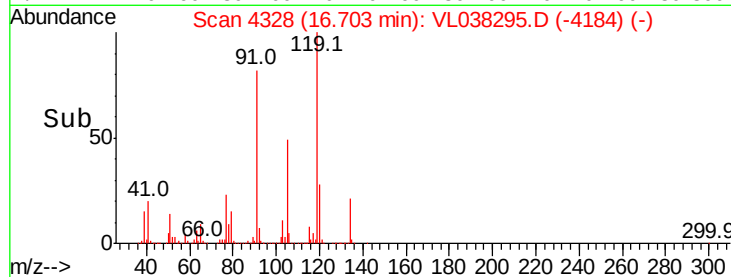
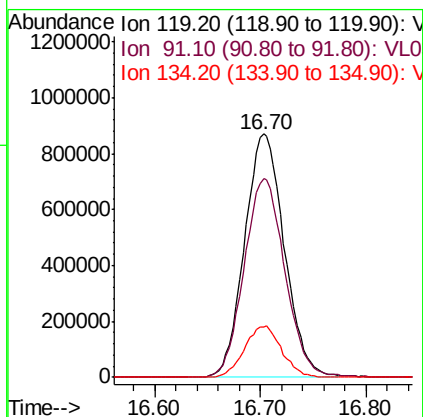
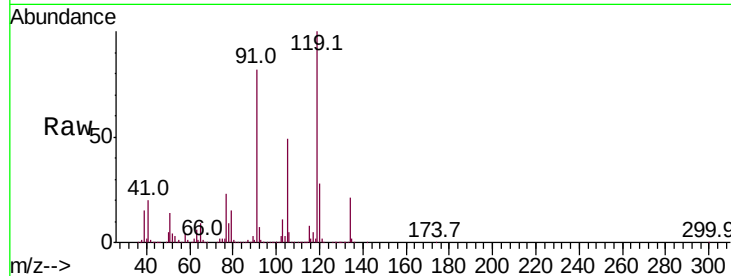


#65
tert-Butylbenzene
Concen: 9.523 ppbv
RT: 16.70
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id: VSTDCCC010EC
Lab File:
Acq: 26 Jan 2022 20:00

Tot Ion: 1
Ion Ratio
119 100
91 84.
134 19.

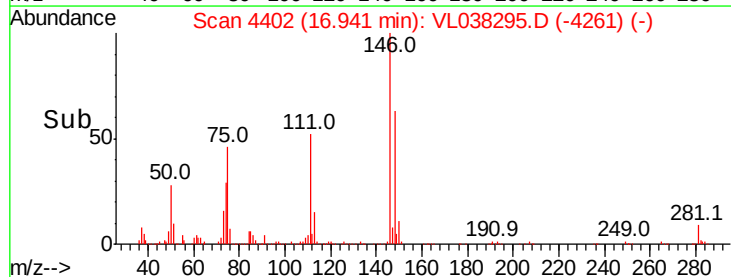
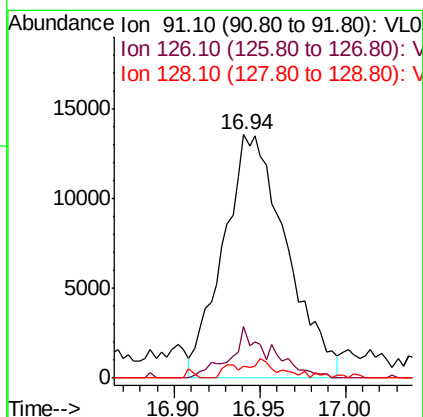
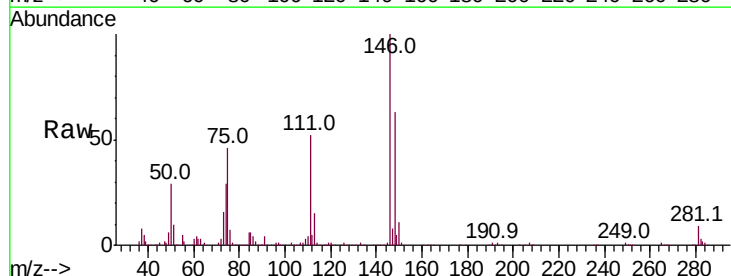
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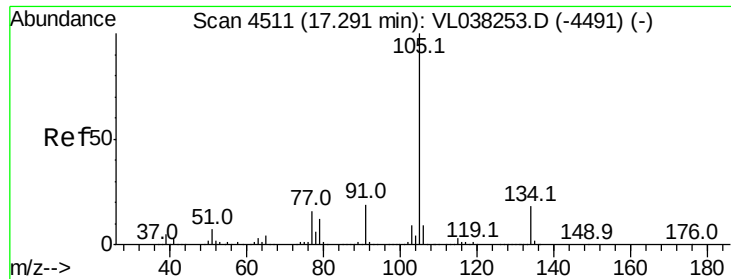
Reviewed By : Semsettin Yesilyurt 01/27/2022
Supervised By : Mahesh Dadoda 01/28/2022



#66
Benzyl Chloride
Concen: 3.197 ppbv m
RT: 16.94 min Scan# 4402
Delta R.T. -0.05 min
Lab File: VL038295.D
Acq: 26 Jan 2022 20:06

Tgt Ion: 91 Resp: 34788
Ion Ratio Lower Upper
91 100
126 13.6 12.6 18.8
128 5.5 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.560 ppbv

RT: 17.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 20:00

Tot Ion:1

Ion Ratio

105 100

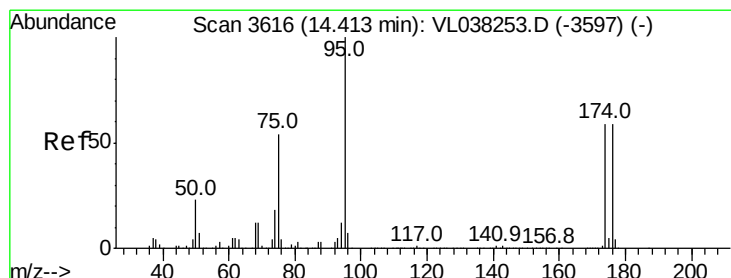
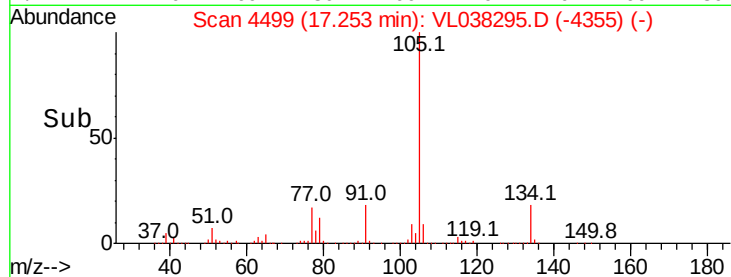
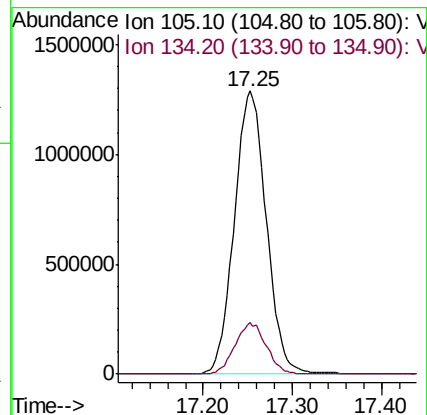
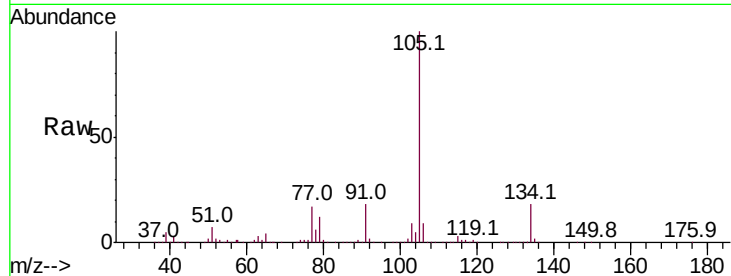
134 17.

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.215 ppbv

RT: 14.37 min Scan# 3603

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

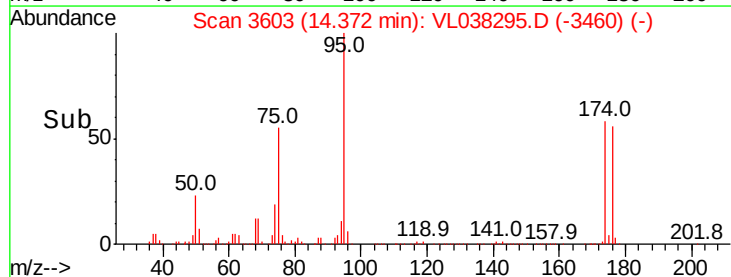
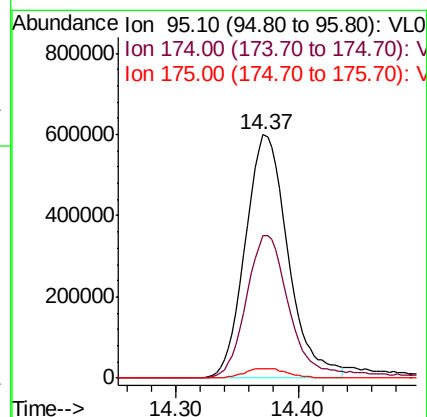
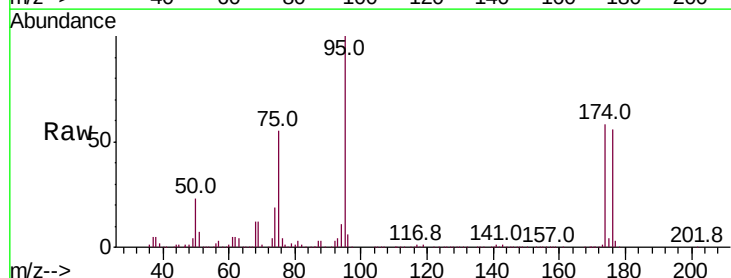
Tgt Ion: 95 Resp: 1450420

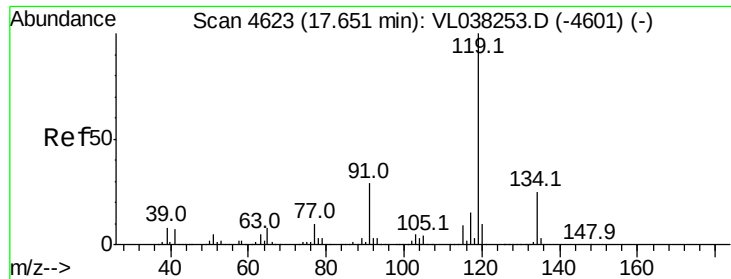
Ion Ratio Lower Upper

95 100

174 61.7 48.3 72.5

175 4.2 3.5 5.3



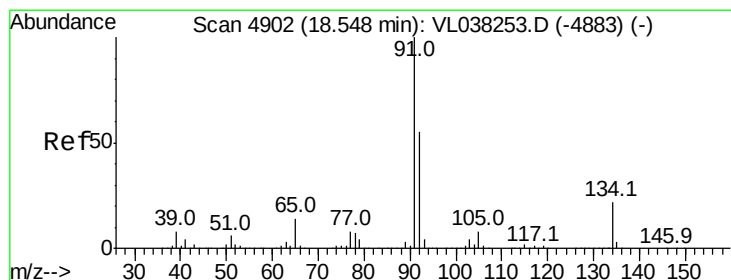
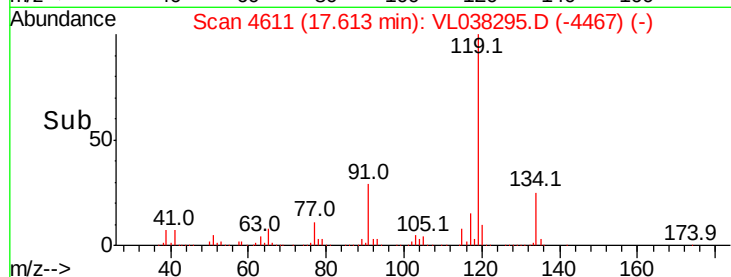
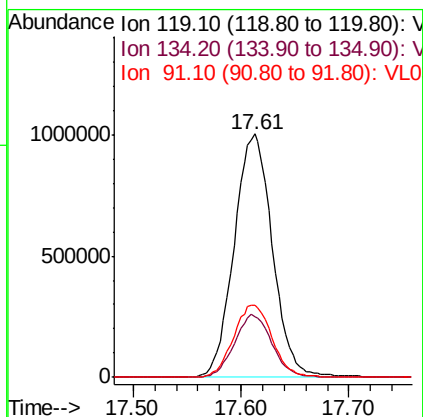
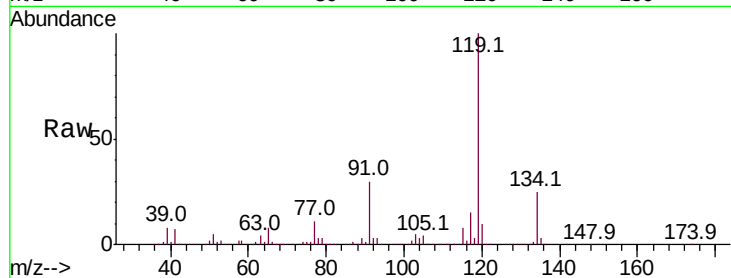


#69
 p-Isopropyltoluene
 Concen: 9.681 ppbv
 RT: 17.61 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 30.1

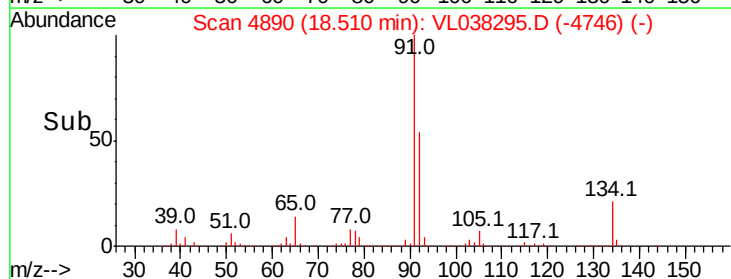
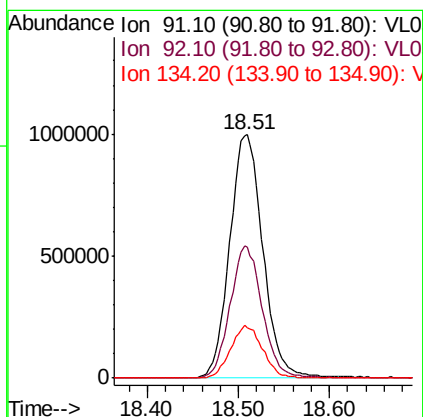
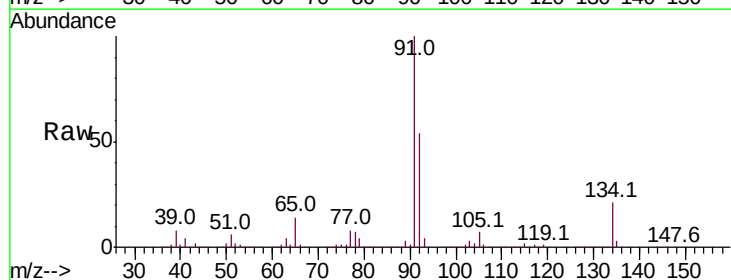
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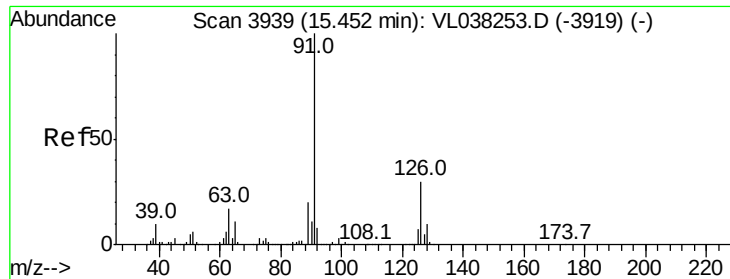
Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022



#70
 n-Butylbenzene
 Concen: 10.081 ppbv
 RT: 18.51 min Scan# 4890
 Delta R.T.: -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion: 91 Resp: 2518018
 Ion Ratio Lower Upper
 91 100
 92 52.9 43.4 65.0
 134 21.1 17.3 25.9



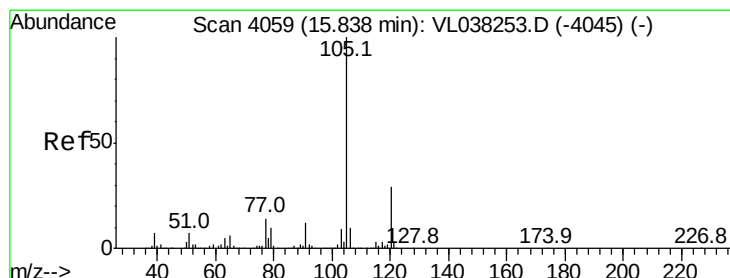
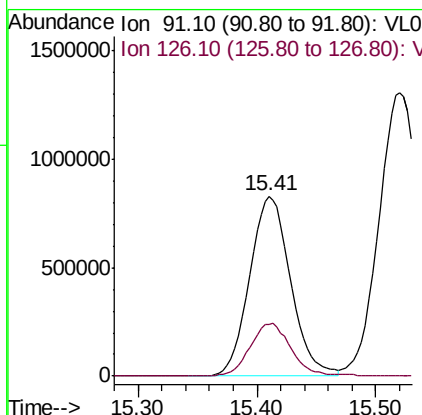
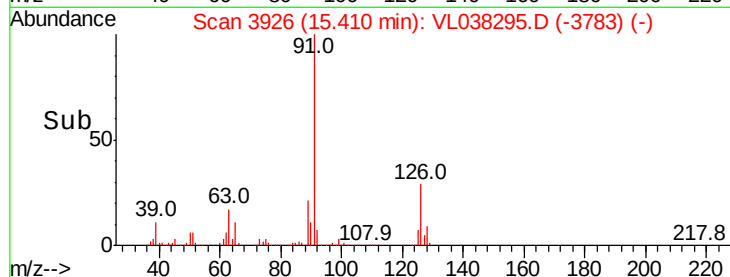
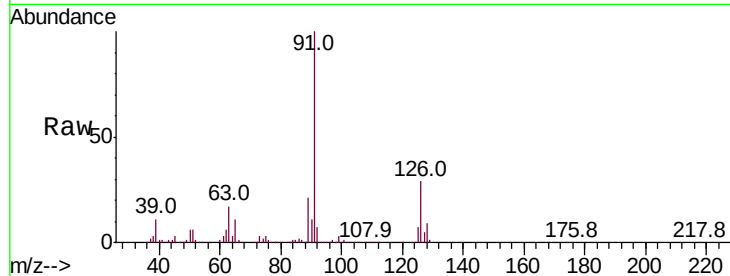


#71
 2-Chlorotoluene
 Concen: 9.183 ppbv
 RT: 15.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:
 Ion Ratio
 91 100
 126 30.

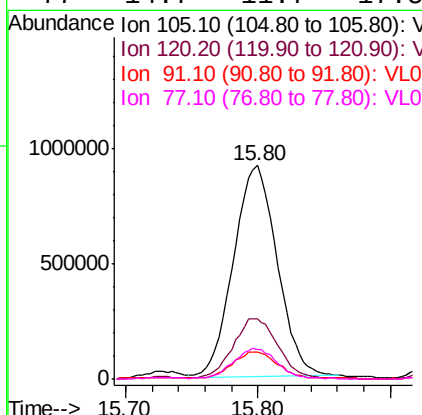
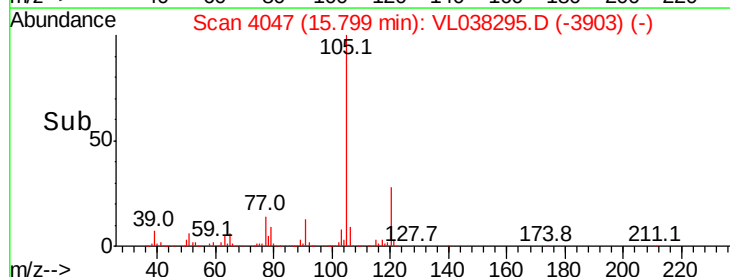
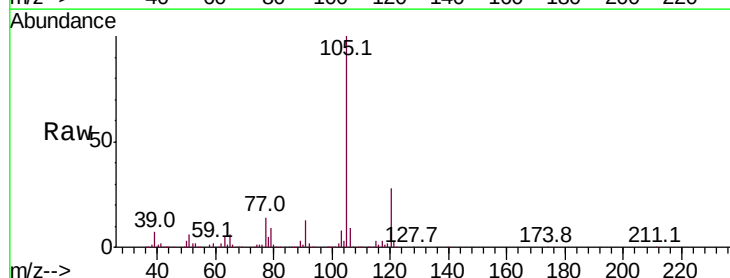
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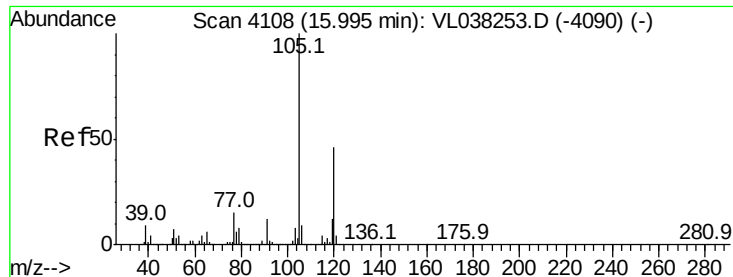
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#72
 4-Ethyltoluene
 Concen: 9.195 ppbv
 RT: 15.80 min Scan# 4047
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:105 Resp: 2097789
 Ion Ratio Lower Upper
 105 100
 120 29.8 23.8 35.8
 91 13.1 10.2 15.4
 77 14.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.103 ppbv

RT: 15.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 20:00 VSTDCCC010EC

Tot Ion:1

Ion Rati

105 100

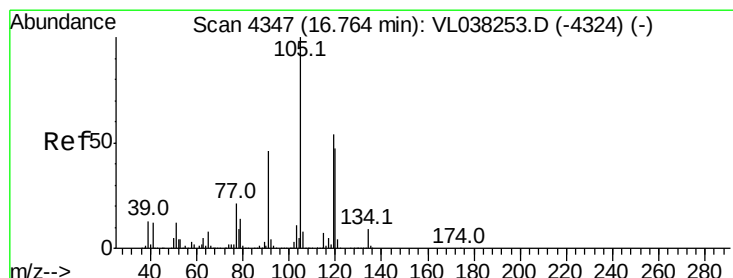
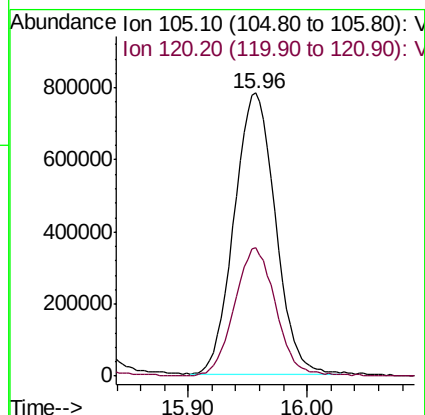
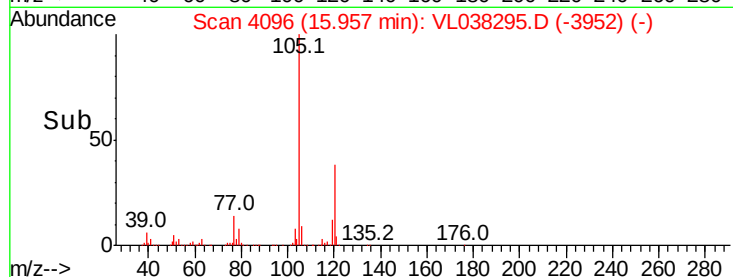
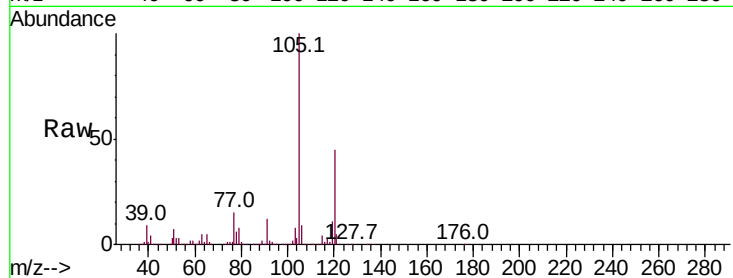
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.030 ppbv

RT: 16.72 min Scan# 4333

Delta R.T. -0.04 min

Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

Tgt Ion:105 Resp: 1951805

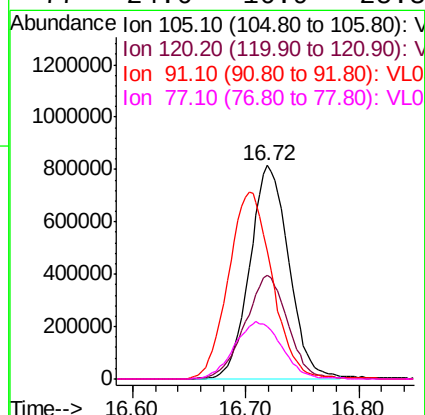
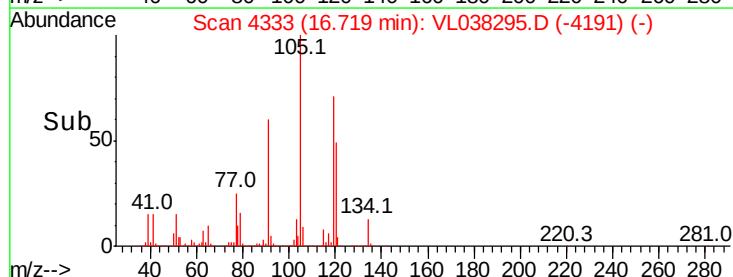
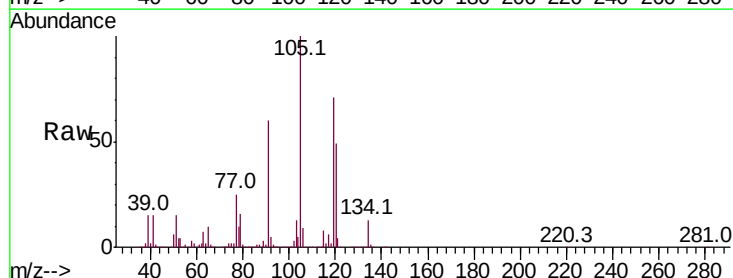
Ion Ratio Lower Upper

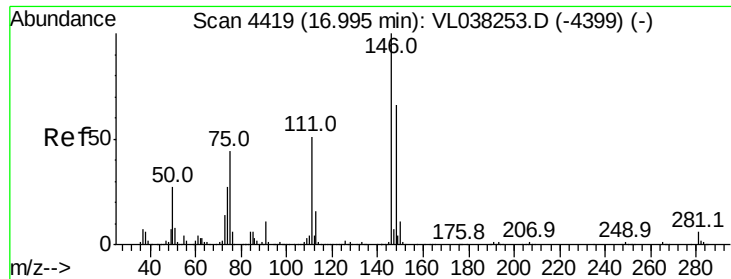
105 100

120 48.7 37.2 55.8

91 59.3 36.6 55.0#

77 24.6 16.9 25.3



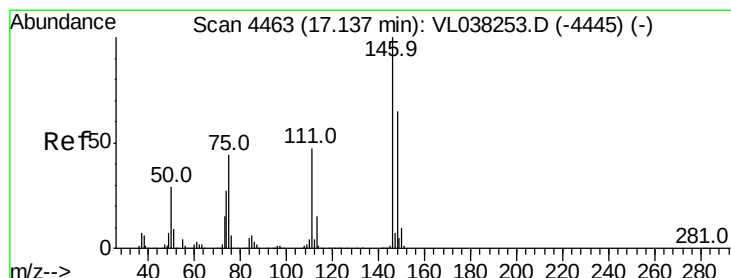
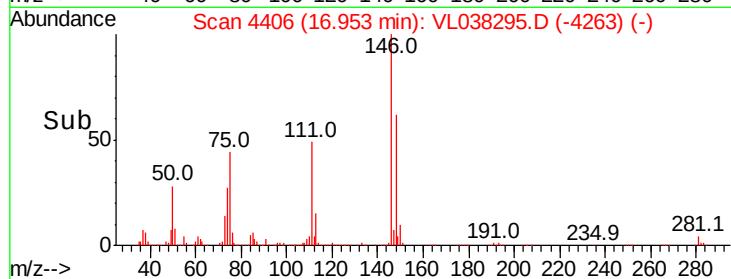
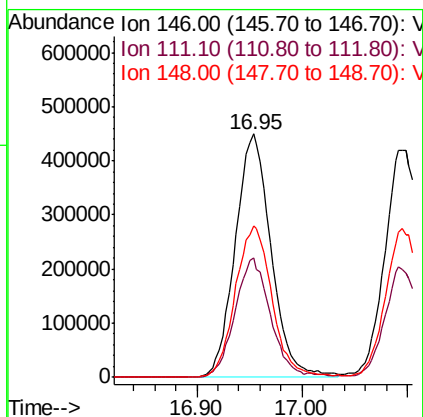
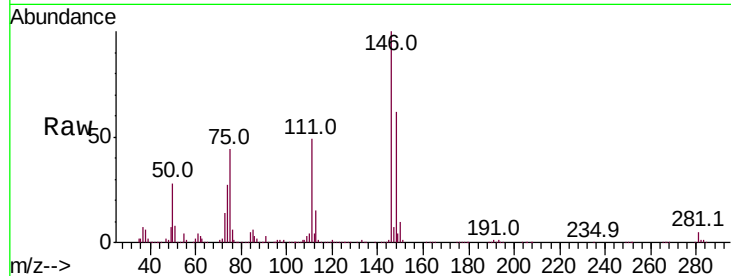


#75
 1,3-Dichlorobenzene
 Concen: 9.178 ppbv
 RT: 16.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 63.

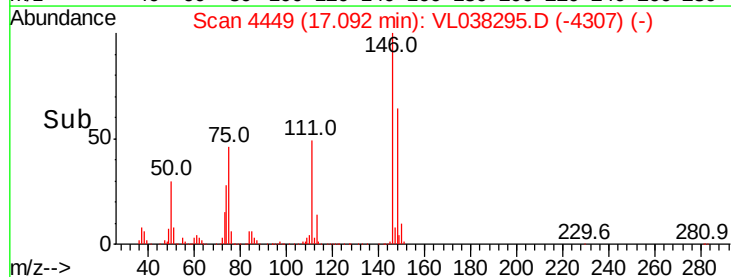
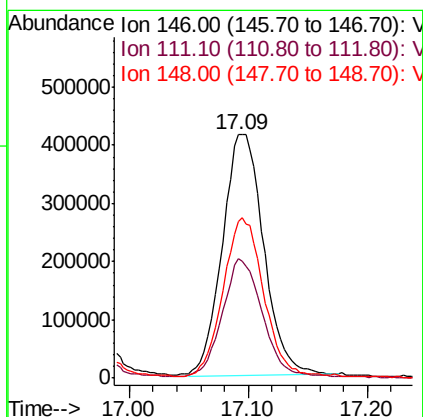
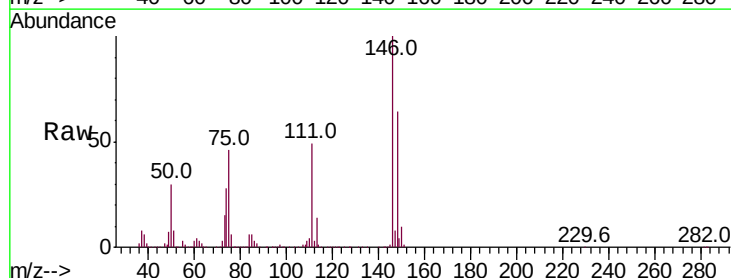
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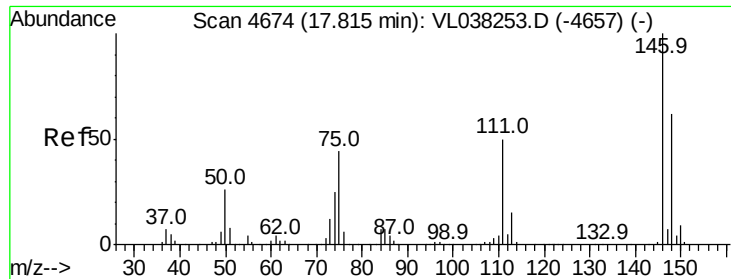
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#76
 1,4-Dichlorobenzene
 Concen: 8.870 ppbv
 RT: 17.09 min Scan# 4449
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:146 Resp: 996092
 Ion Ratio Lower Upper
 146 100
 111 49.6 23.2 69.6
 148 66.7 32.4 97.0



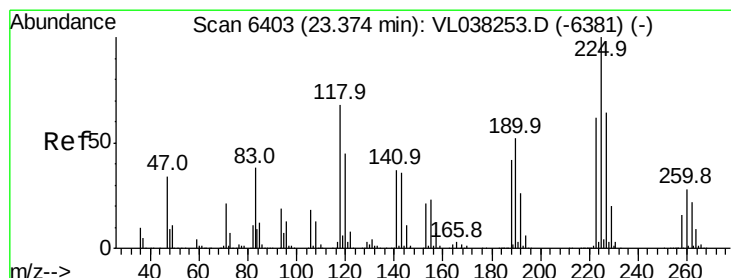
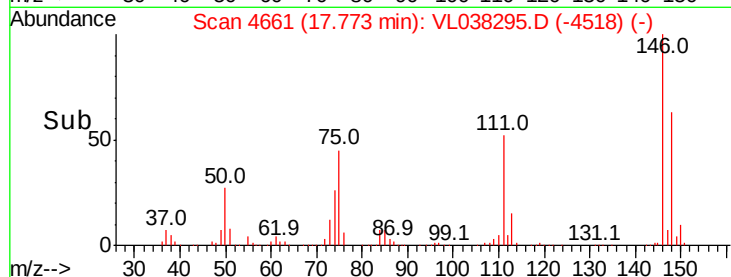
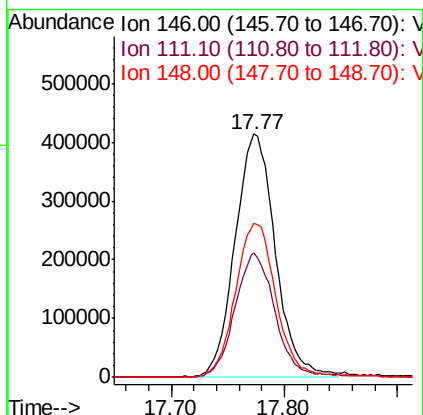
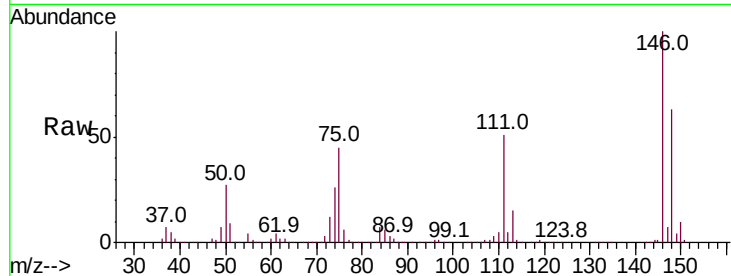


#77
 1,2-Dichlorobenzene
 Concen: 9.438 ppbv
 RT: 17.77
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 64.

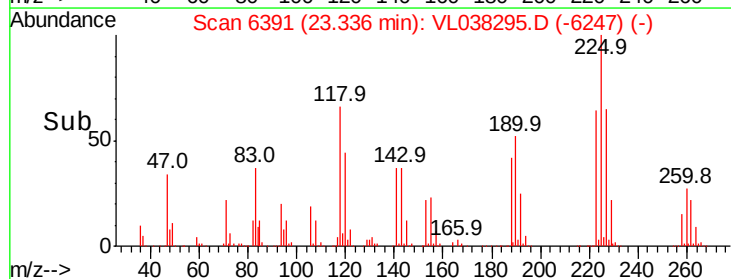
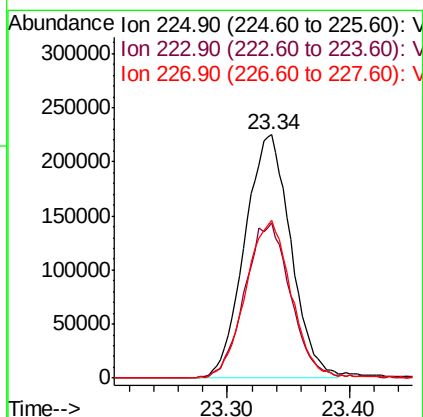
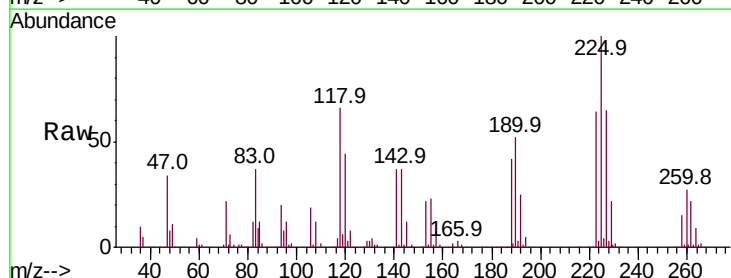
Manual Integrations
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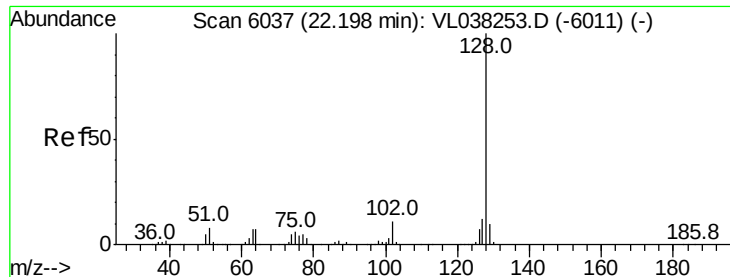
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.866 ppbv
 RT: 23.34 min Scan# 6391
 Delta R.T. -0.04 min
 Lab File: VL038295.D
 Acq: 26 Jan 2022 20:06

Tgt Ion:225 Resp: 589178
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.7 77.5
 227 65.1 51.4 77.0





#79

Naphthalene

Concen: 9.439 ppbv

RT: 22.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

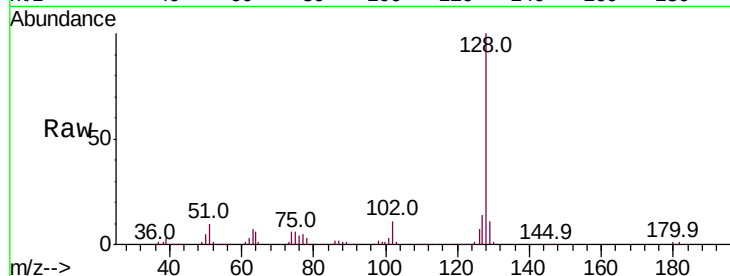
Acq: 26 Jan 2022 20:06

Manual Integrations

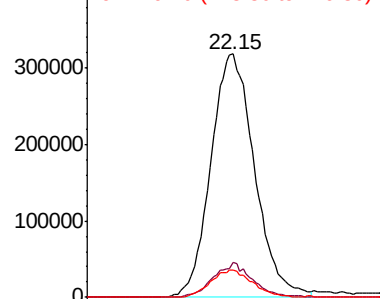
APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022

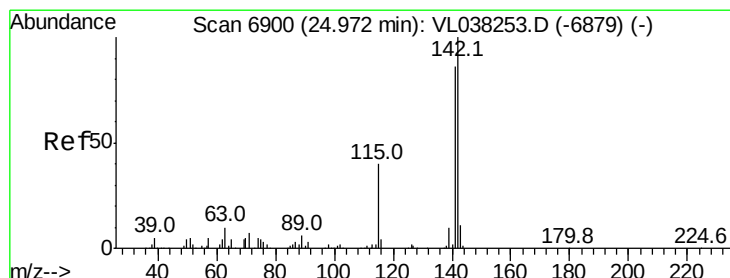
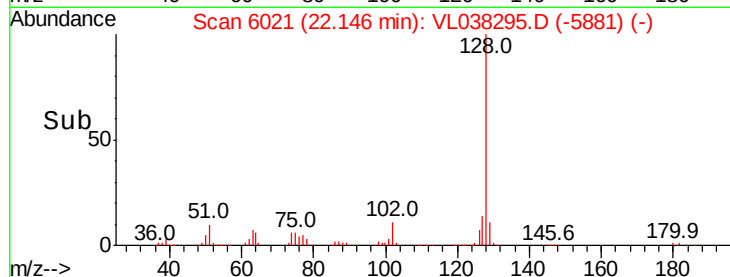
Tot Ion:1
Ion Rati
128 100
127 14.
129 11.



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



Time-->



#80

Naphthalene, 2-methyl-

Concen: 12.658 ppbv

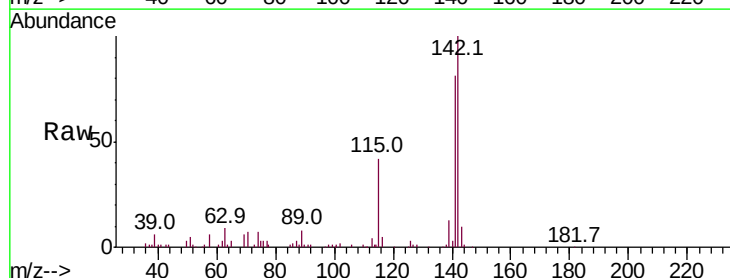
RT: 24.94 min Scan# 6891

Delta R.T. -0.03 min

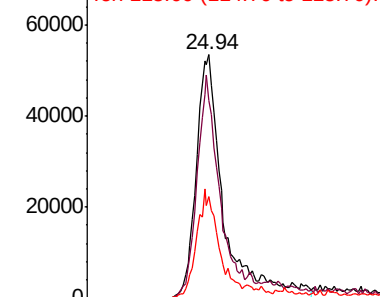
Lab File: VL038295.D

Acq: 26 Jan 2022 20:06

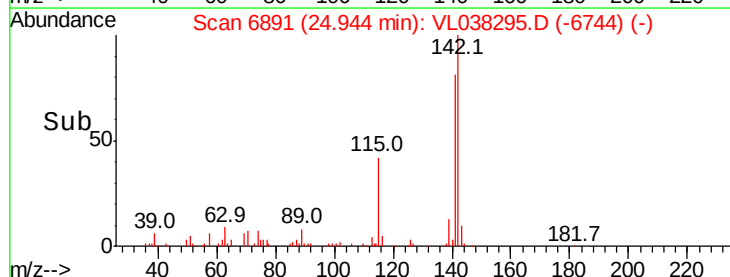
Tgt Ion:142 Resp: 139113
Ion Ratio Lower Upper
142 100
141 85.7 70.2 105.4
115 42.8 31.8 47.6

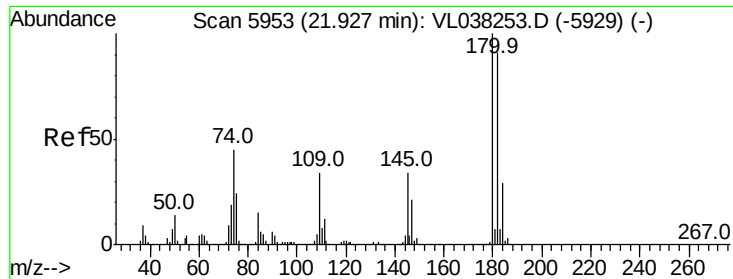


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



Time-->





#81
 1,2,4-Trichlorobenzene
 Concen: 9.252 ppbv m
 RT: 21.87
 Instrument : MSVOA_L
 Delta R.T
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Jan 2022 20:00

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

