

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030321\
 Data File : VL036446.D
 Acq On : 3 Mar 2021 19:52
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Mar 04 03:26:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030321A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Mar 03 14:18:24 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1667154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3961907	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3875810m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3223915	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	2140104	9.288	ppbv	99
3) Chlorodifluoromethane	2.99	51	1783360	9.044	ppbv	100
4) Chloromethane	3.14	50	885917	9.454	ppbv	96
5) Vinyl Chloride	3.26	62	864423	9.770	ppbv	100
6) Bromomethane	3.48	94	500593	9.127	ppbv	93
7) Chloroethane	3.56	64	299145	8.976	ppbv	93
8) Dichlorotetrafluoroethane	3.19	85	2093318	9.249	ppbv	99
9) Propene	3.01	41	742541	8.642	ppbv	94
10) Heptane	8.14	43	2061038	9.729	ppbv	99
11) Trichlorofluoromethane	3.96	101	2136401	8.979	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1368859	9.021	ppbv	98
13) Ethanol	3.61	45	114409m	8.678	ppbv	
14) Bromoethene	3.74	108	577374	9.164	ppbv	97
15) Acetone	3.86	43	1632415	8.568	ppbv	98
16) 1,3-Butadiene	3.33	39	855276	9.307	ppbv	98
17) tert-Butyl alcohol	4.30	59	1259341	8.336	ppbv	99
18) 1,1-Dichloroethene	4.29	96	600123	8.892	ppbv	97
19) Isopropyl Alcohol	3.98	45	777011	7.257	ppbv #	98
20) Methylene Chloride	4.35	84	531744	8.280	ppbv	95
21) Allyl Chloride	4.42	41	986662	9.185	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	558428	9.138	ppbv	98
23) Vinyl Acetate	5.09	43	2063593	9.571	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1593778	9.365	ppbv	100
25) Ethyl Acetate	5.69	43	3433891	9.270	ppbv	99
26) Hexane	5.70	57	1391403	9.180	ppbv	98
27) Carbon Disulfide	4.56	76	1512617	10.055	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1891778	9.314	ppbv	100
29) Chloroform	5.76	83	2288104	9.227	ppbv	100
30) Cyclohexane	7.14	84	1183863	9.453	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	1415385	9.667	ppbv	91
32) 1,1,1-Trichloroethane	6.52	97	2240158	8.990	ppbv	99
34) 2-Butanone	5.25	43	2109798	8.835	ppbv	99
35) Carbon Tetrachloride	7.03	117	2320018	9.063	ppbv	99
36) Benzene	6.90	78	2923507	9.510	ppbv	99
37) 1,2-Dichloroethane	6.32	62	1758448	9.103	ppbv	99
38) Trichloroethene	7.85	130	1038068	8.935	ppbv	99
39) 1,2-Dichloropropane	7.63	63	1169450	8.946	ppbv	98
40) 1,4-Dioxane	7.84	88	330284	7.697	ppbv #	1
41) Tetrahydrofuran	6.06	42	1277592	9.592	ppbv	99
42) Bromodichloromethane	7.81	83	2435641	9.330	ppbv	100
43) Methyl Methacrylate	8.02	69	1273610	10.229	ppbv	99

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

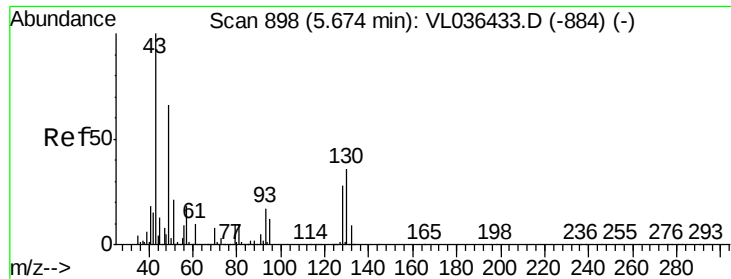
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021

Quant Time: Mar 04 03:26:02 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5033818	8.980	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	1354208	11.176	ppbv	98
46) cis-1,3-Dichloropropene	8.72	75	1667309	10.540	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1177925	9.039	ppbv	97
48) Dibromochloromethane	10.32	129	1919532	9.727	ppbv	99
49) Bromoform	13.06	173	1519118	9.410	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	3394487	9.763	ppbv	100
51) 2-Hexanone	10.15	43	2729063	10.383	ppbv #	99
52) Tetrachloroethene	11.24	164	973106	8.440	ppbv	96
53) Toluene	9.82	91	3261609	9.851	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1719264	9.139	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1445876	8.418	ppbv #	60
57) Chlorobenzene	12.17	112	2351145	8.399	ppbv	98
58) Ethyl Benzene	12.73	91	4363627	9.061	ppbv	100
59) m/p-Xylene	13.01	91	7406671m	17.395	ppbv	
60) o-Xylene	13.71	91	3500628	8.558	ppbv	99
61) Styrene	13.55	104	2455056	9.870	ppbv	99
62) Isopropylbenzene	14.69	105	5154670	8.358	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2334942	7.301	ppbv	99
64) n-propylbenzene	15.58	120	1332133	8.647	ppbv	100
65) tert-Butylbenzene	16.76	119	4293083	8.001	ppbv	99
66) Benzyl Chloride	17.00	91	1385820	9.251	ppbv	100
67) sec-Butylbenzene	17.31	105	6115924	8.162	ppbv	99
69) p-Isopropyltoluene	17.67	119	5028777	8.387	ppbv	99
70) n-Butylbenzene	18.57	91	5249981	8.471	ppbv	100
71) 2-Chlorotoluene	15.47	91	3944217	8.502	ppbv	100
72) 4-Ethyltoluene	15.86	105	3958357	8.910	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	3692639	8.567	ppbv	98
74) 1,2,4-Trimethylbenzene	16.78	105	3714137	8.116	ppbv	94
75) 1,3-Dichlorobenzene	17.01	146	2023864	7.963	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	1995912	7.859	ppbv	100
77) 1,2-Dichlorobenzene	17.84	146	1990782	8.001	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	1747228	8.824	ppbv	99
79) Naphthalene	22.22	128	3529916	13.168	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	900636	15.538	ppbv	97
81) 1,2,4-Trichlorobenzene	21.95	180	1750942	11.364	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 3 Mar 2021 19:52

Tot Ion:

Ion Ratio

49 100

128 44.

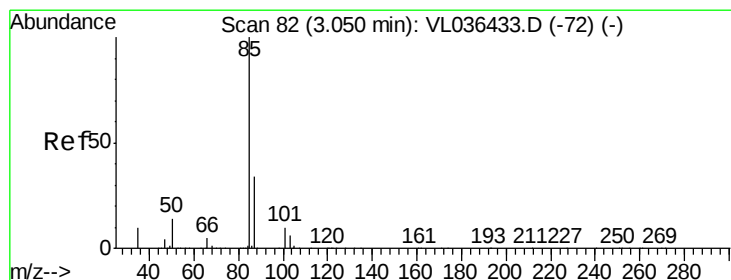
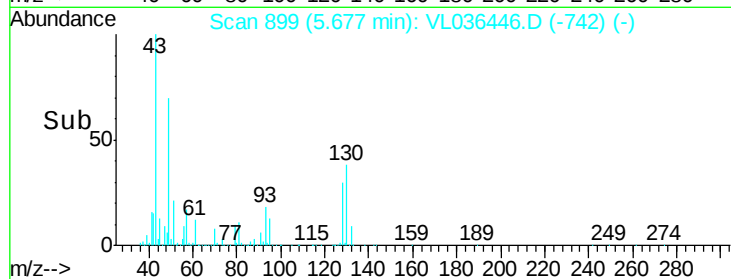
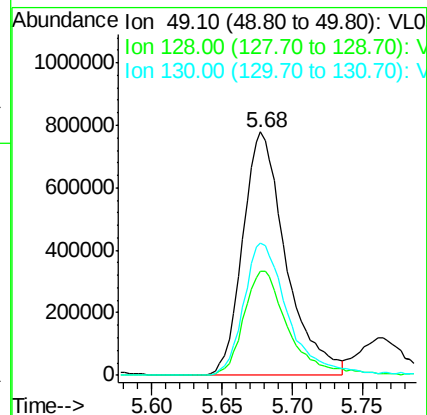
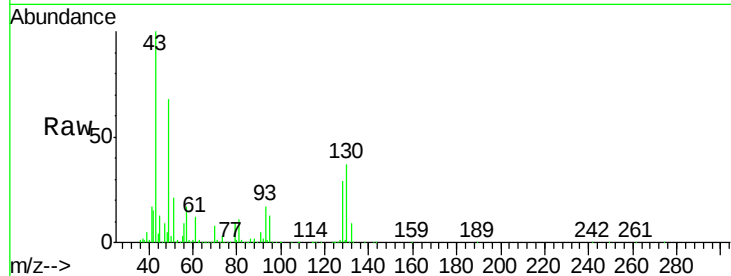
130 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#2

Dichlorodifluoromethane

Concen: 9.288 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL036446.D

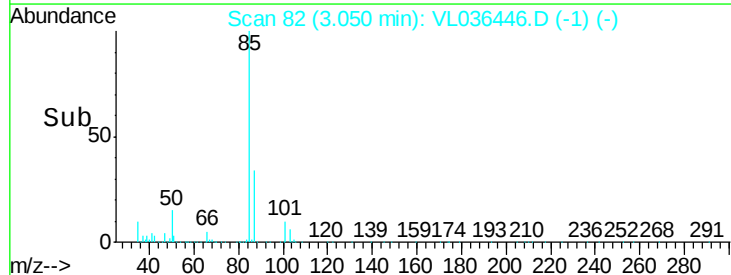
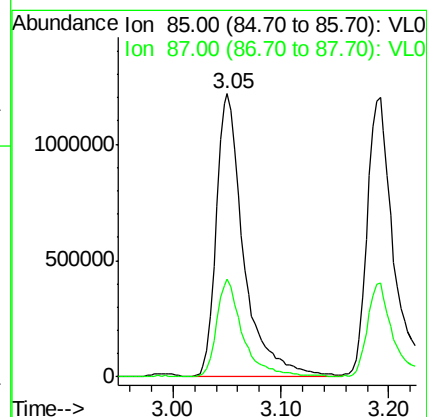
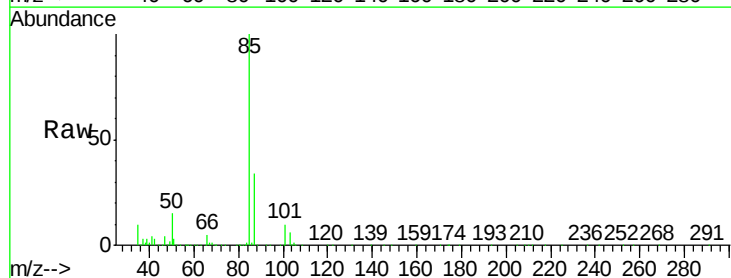
Acq: 3 Mar 2021 19:52

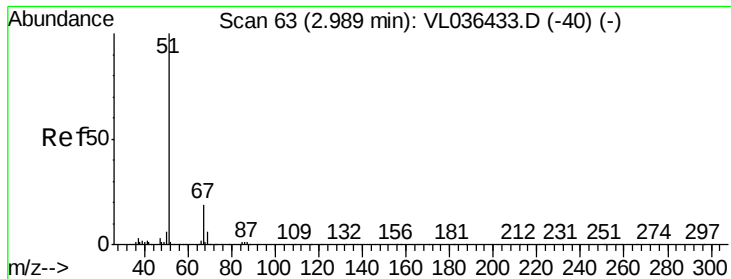
Tgt Ion: 85 Resp: 2140104

Ion Ratio Lower Upper

85 100

87 34.4 27.1 40.7





#3

Chlorodifluoromethane

Concen: 9.044 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 3 Mar 2021 19:52

Tot Ion:

Ion Ratio

51 100

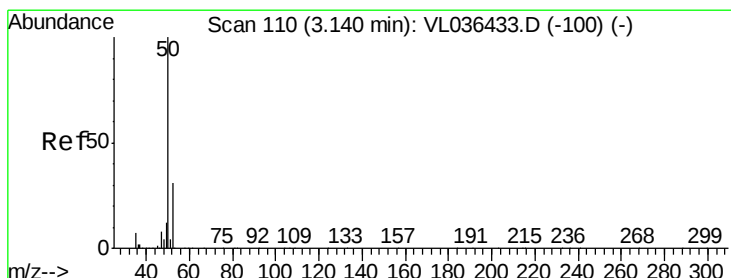
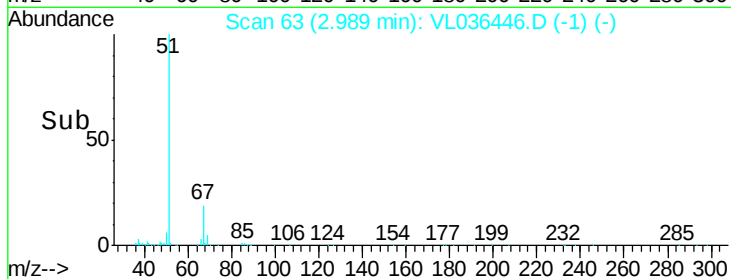
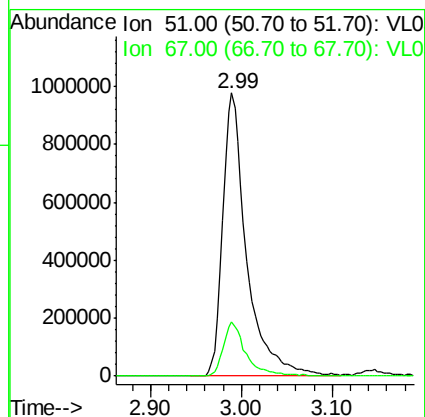
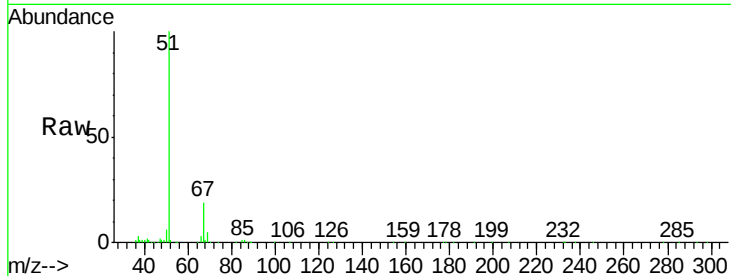
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#4

Chloromethane

Concen: 9.454 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL036446.D

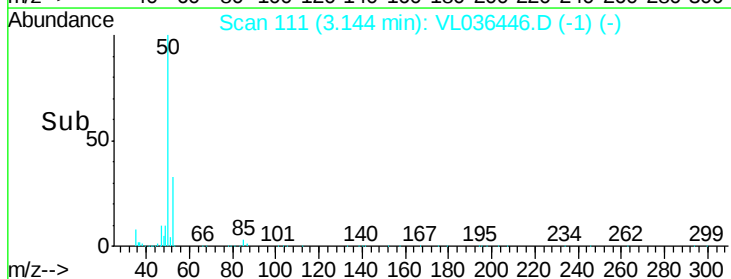
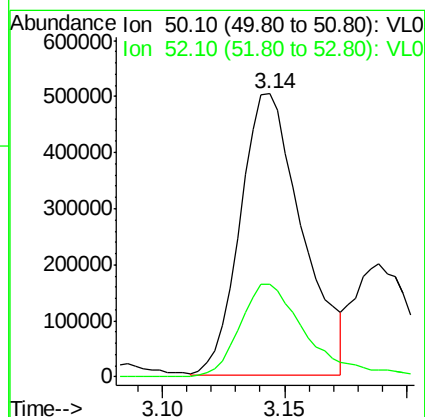
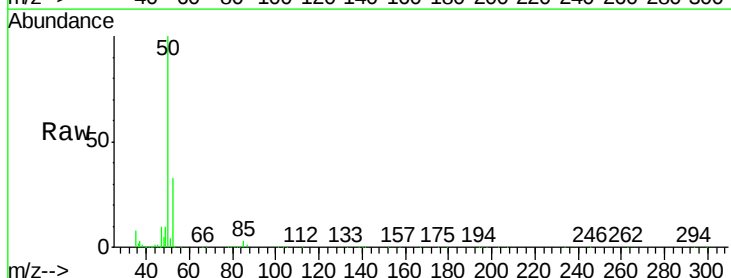
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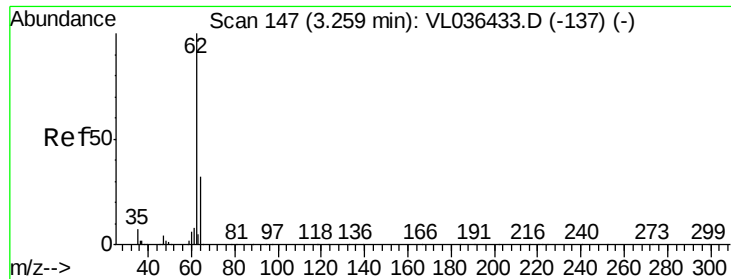
Tgt Ion: 50 Resp: 885917

Ion Ratio Lower Upper

50 100

52 32.9 24.6 36.8





#5

Vinyl Chloride

Concen: 9.770 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

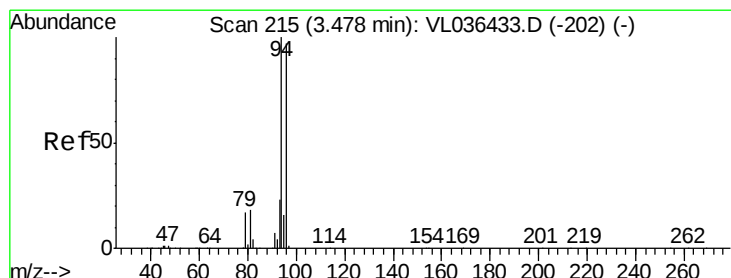
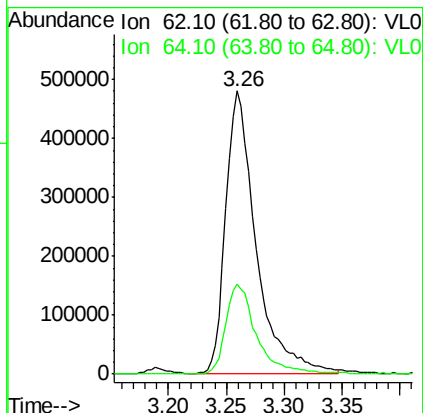
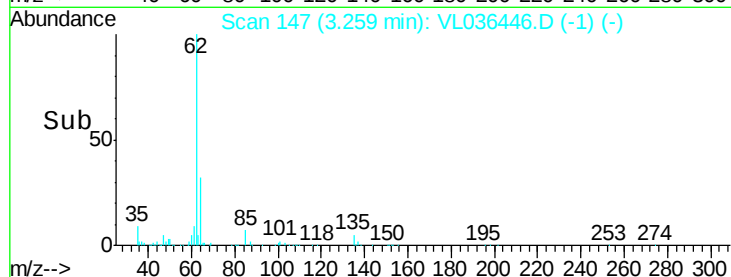
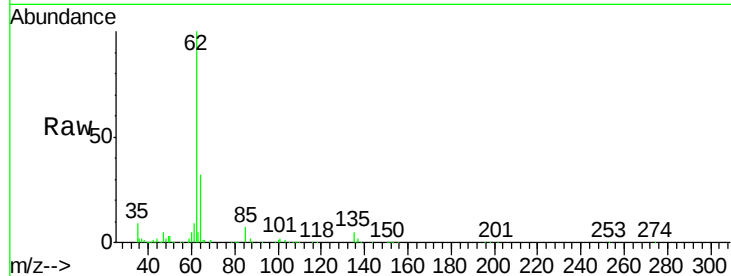
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#6

Bromomethane

Concen: 9.127 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL036446.D

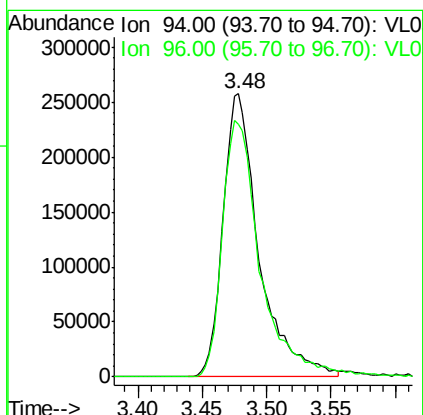
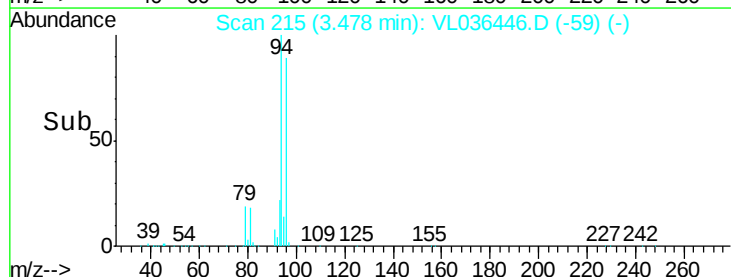
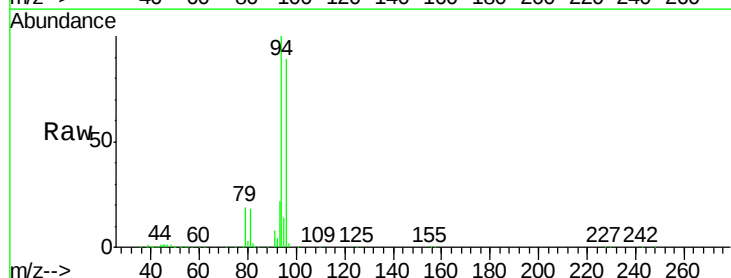
Acq: 3 Mar 2021 19:52

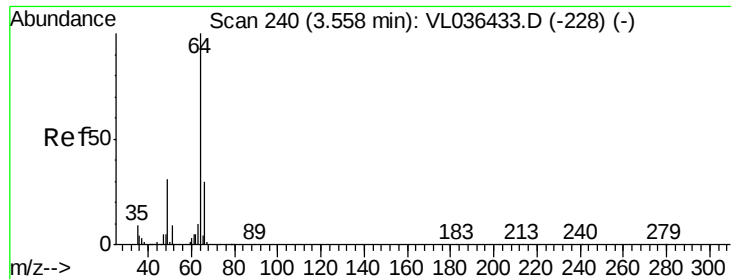
Tgt Ion: 94 Resp: 500593

Ion Ratio Lower Upper

94 100

96 89.4 77.3 115.9





#7

Chloroethane

Concen: 8.976 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

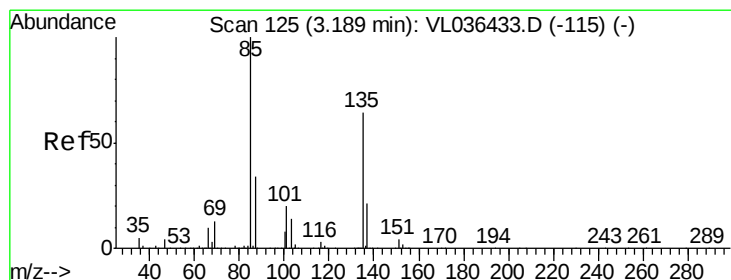
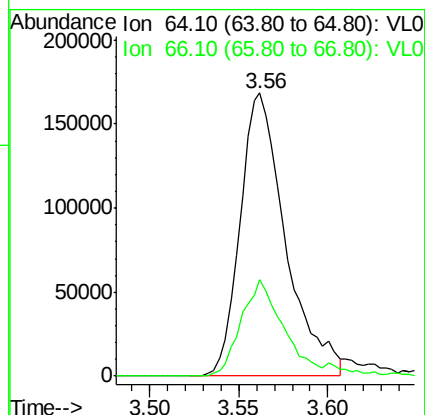
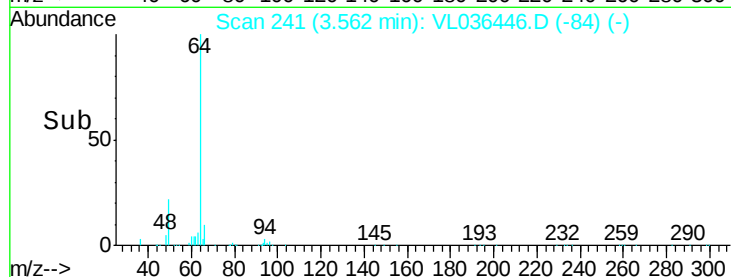
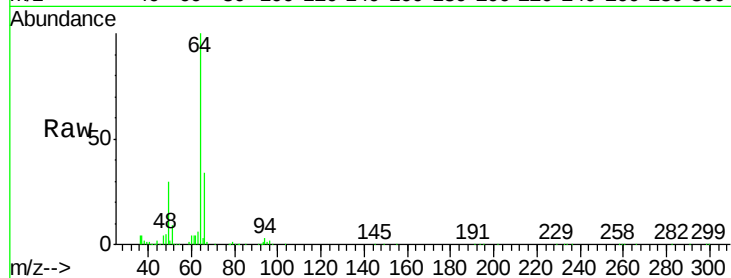
66 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#8

Dichlorotetrafluoroethane

Concen: 9.249 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL036446.D

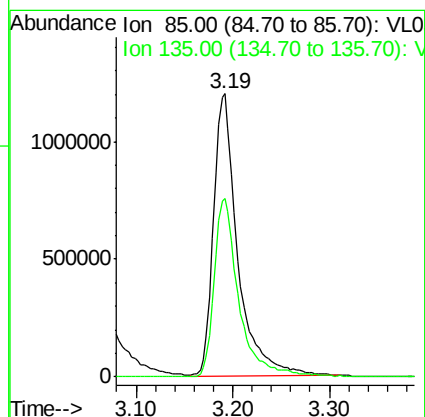
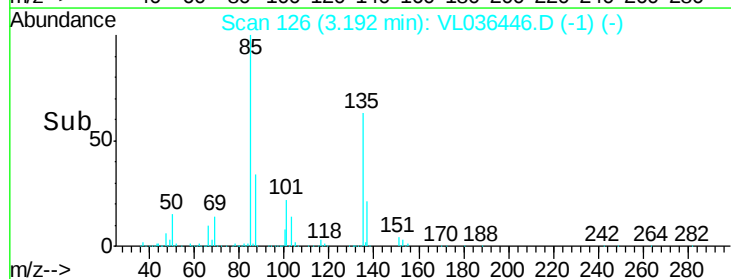
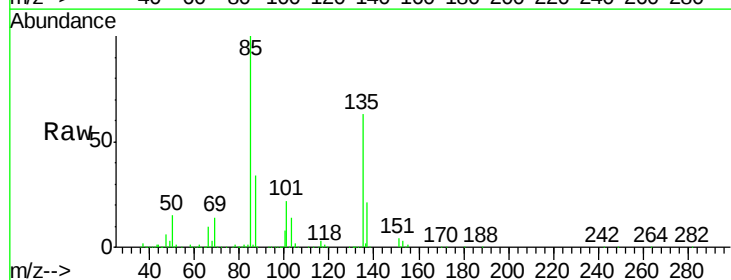
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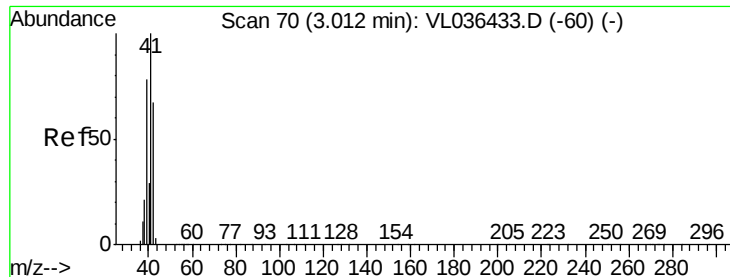
Tgt Ion: 85 Resp: 2093318

Ion Ratio Lower Upper

85 100

135 65.0 52.8 79.2



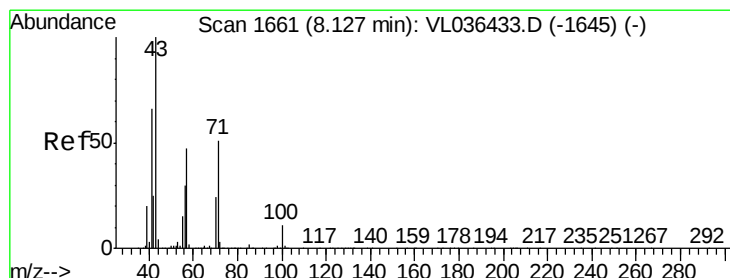
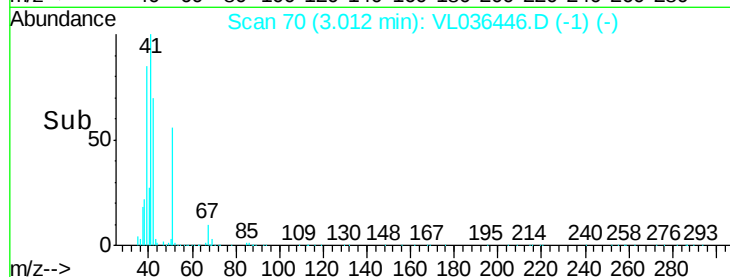
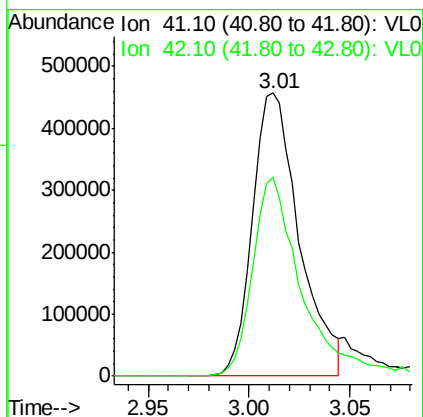
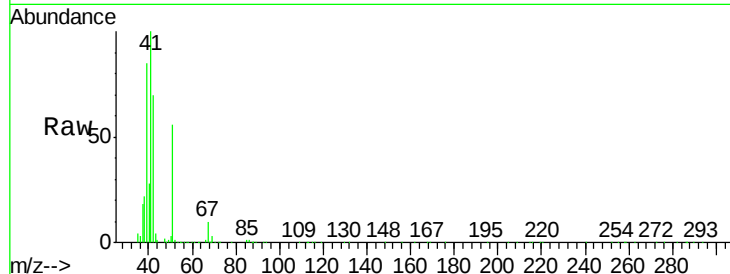


#9
Propene
Concen: 8.642 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
41 100
42 75.

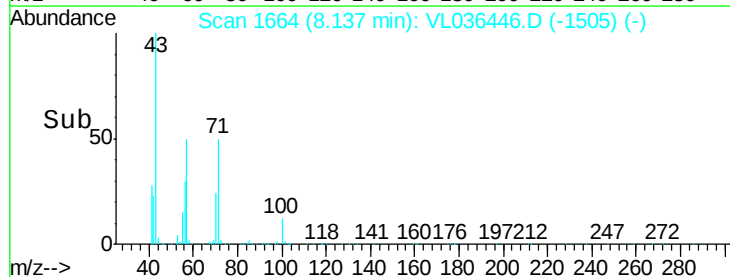
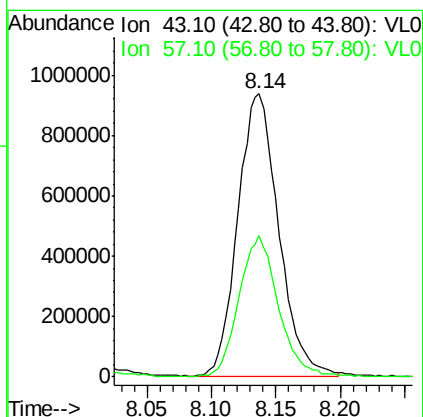
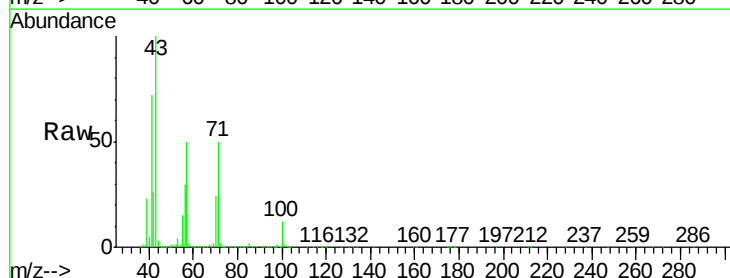
Manual Integrations
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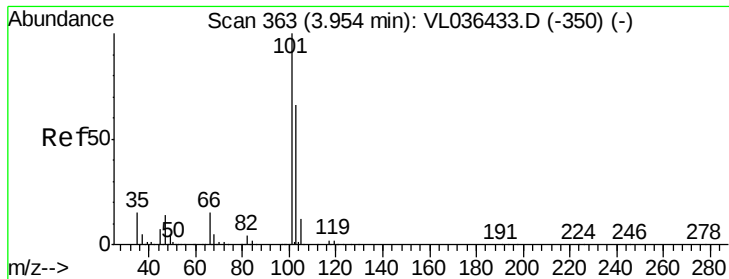
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#10
Heptane
Concen: 9.729 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 43 Resp: 2061038
Ion Ratio Lower Upper
43 100
57 48.4 39.1 58.7



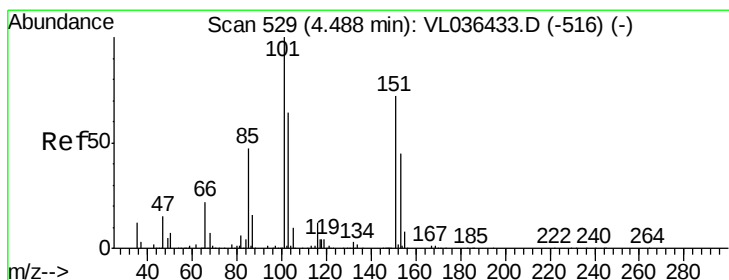
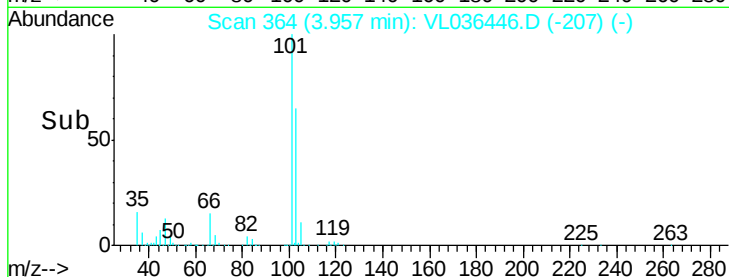
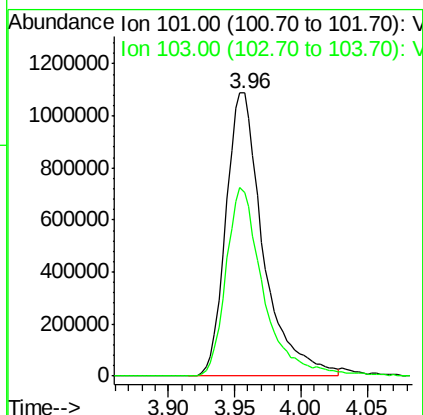
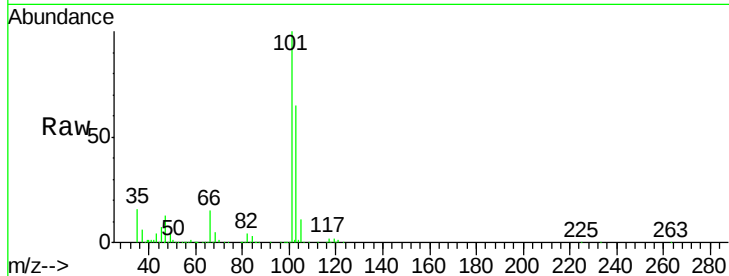


#11
 Trichlorofluoromethane
 Concen: 8.979 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

Tot Ion:1
 Ion Rati
 101 100
 103 64.

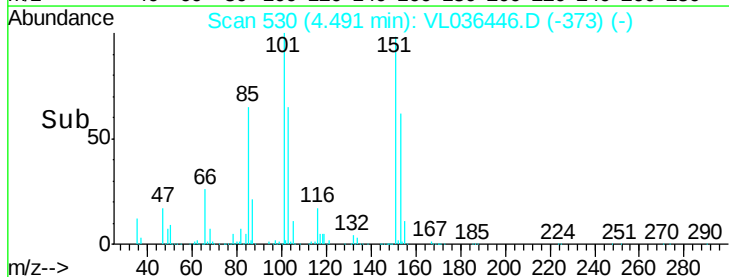
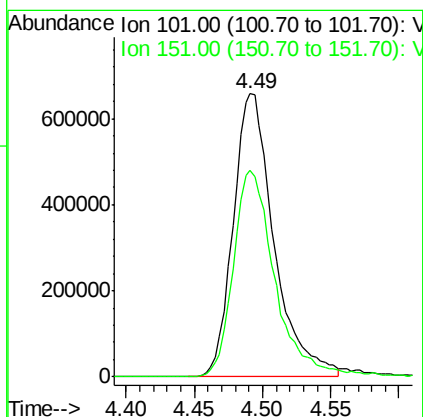
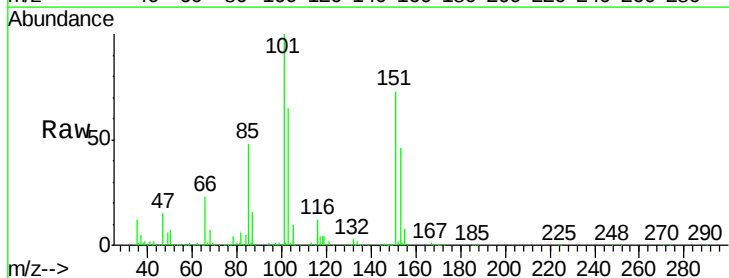
Manual Integrations
 APPROVED

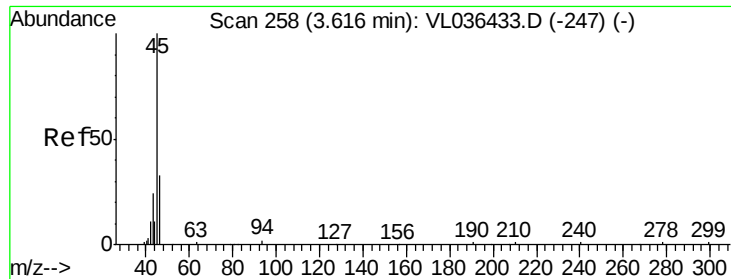
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.021 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion:101 Resp: 1368859
 Ion Ratio Lower Upper
 101 100
 151 75.0 59.0 88.4



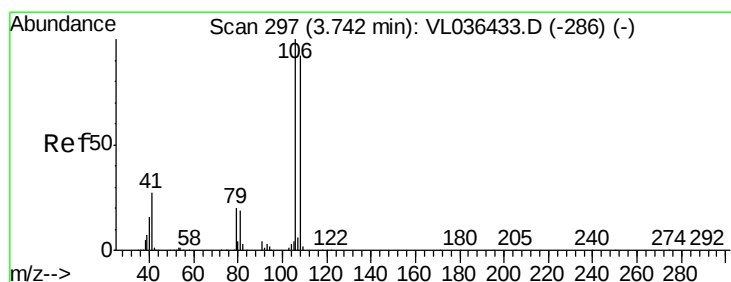
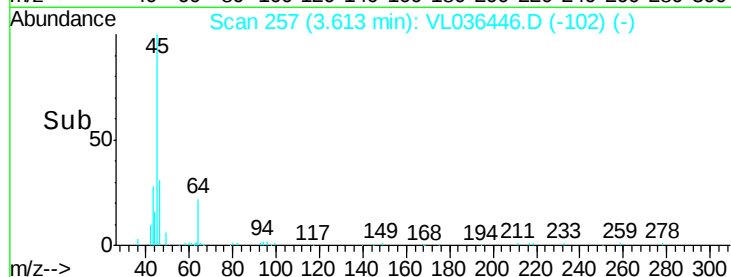
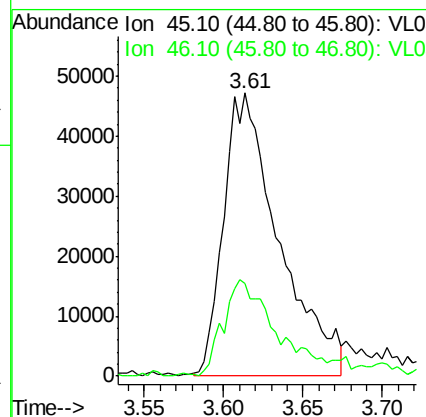
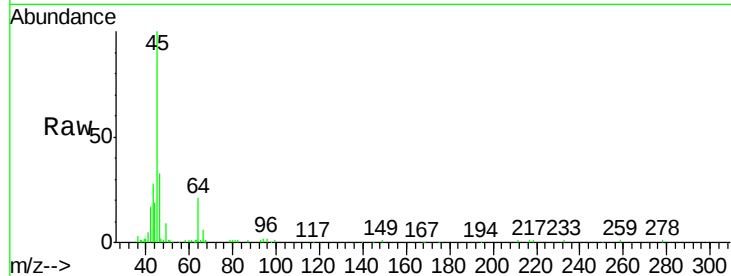


#13
Ethanol
Concen: 8.678 ppbv m
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:
Ion Ratio
45 100
46 38.

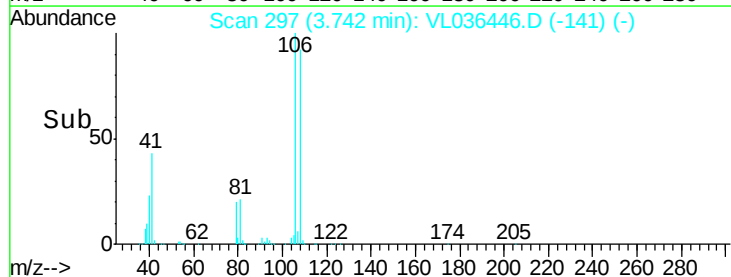
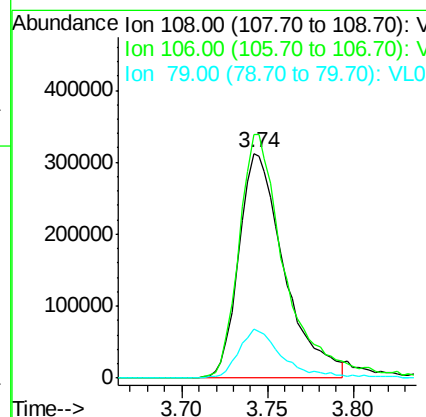
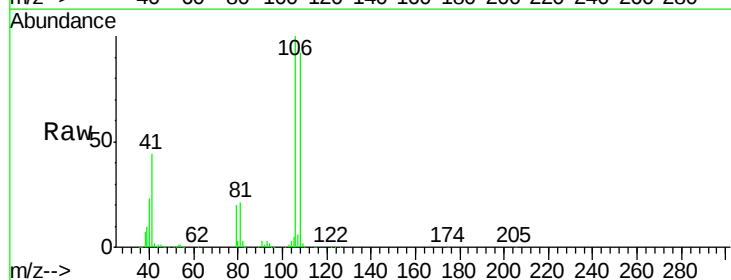
Manual Integrations
APPROVED

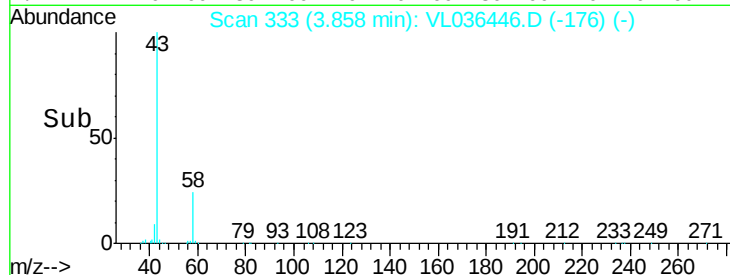
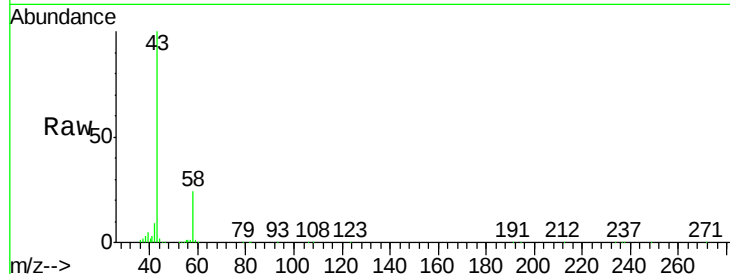
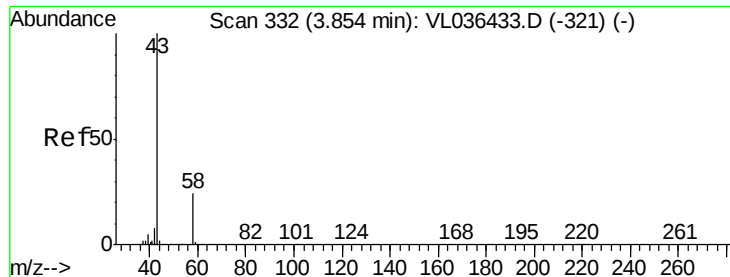
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#14
Bromoethene
Concen: 9.164 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion:108 Resp: 577374
Ion Ratio Lower Upper
108 100
106 112.0 87.0 130.4
79 21.9 17.1 25.7



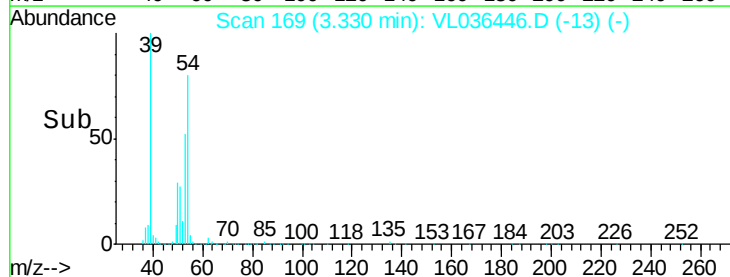
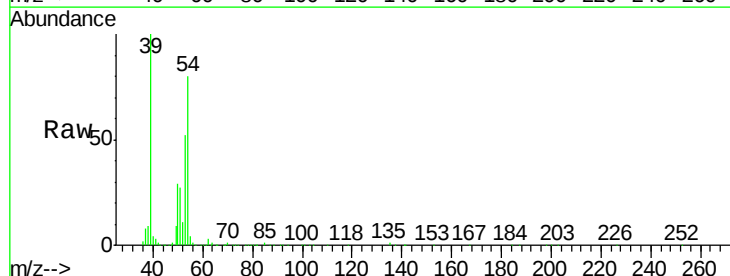
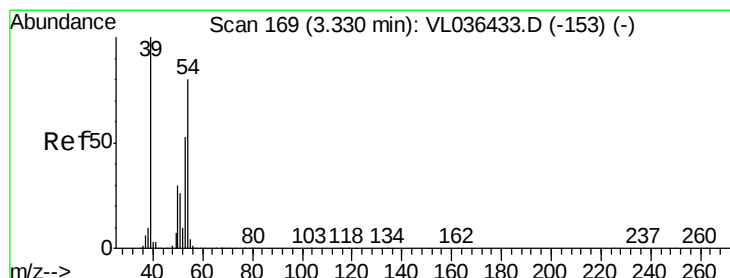
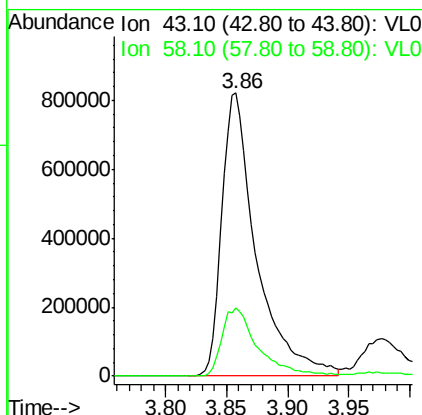


#15
Acetone
Concen: 8.568 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:
Ion Ratio
43 100
58 25.

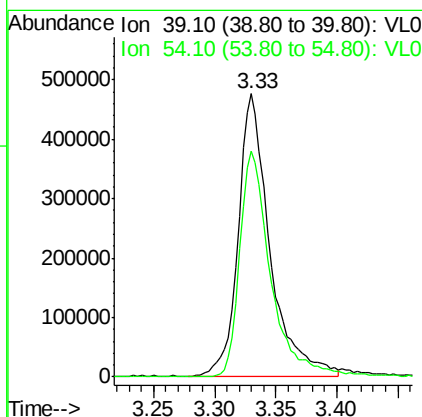
Manual Integrations
APPROVED

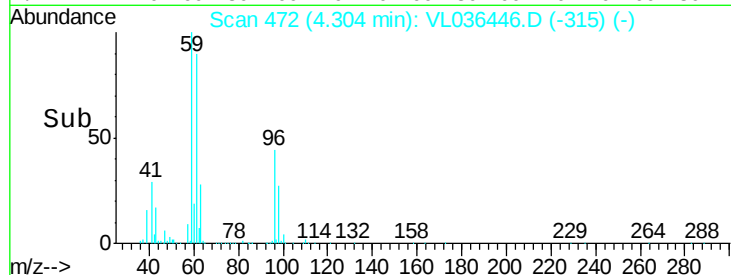
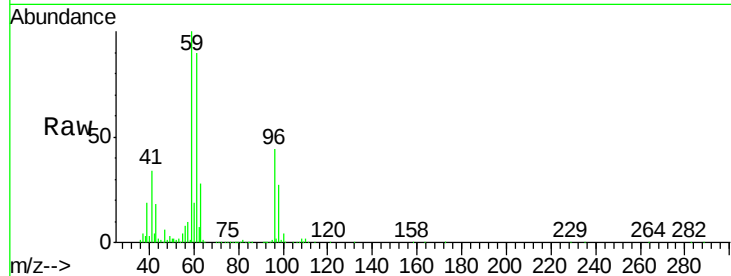
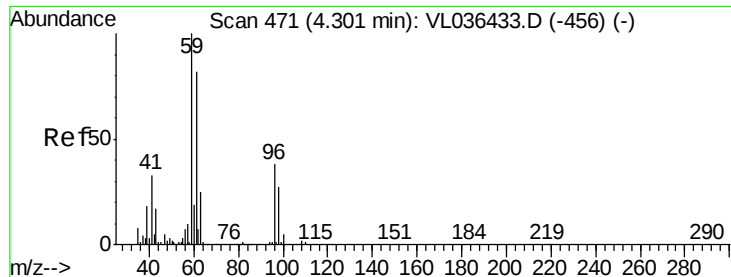
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#16
1,3-Butadiene
Concen: 9.307 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 39 Resp: 855276
Ion Ratio Lower Upper
39 100
54 78.7 64.5 96.7





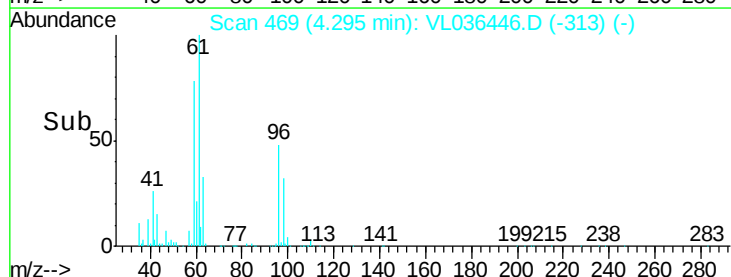
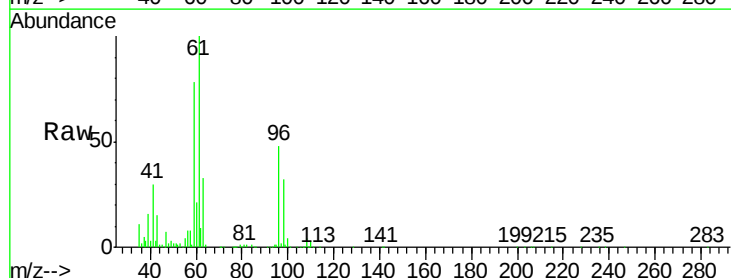
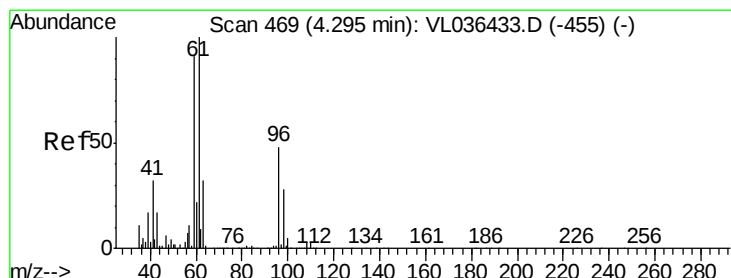
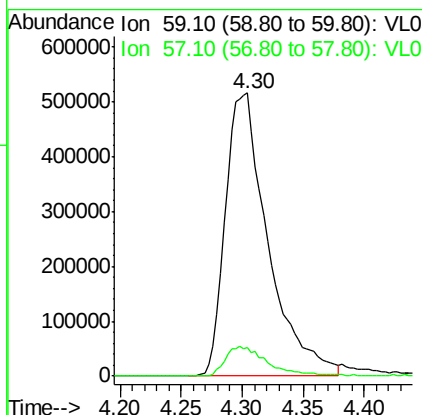
#17

tert-Butyl alcohol
Concen: 8.336 ppbv
RT: 4.30
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
APPROVED

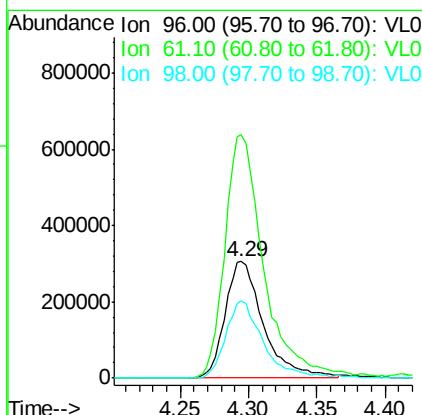
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021

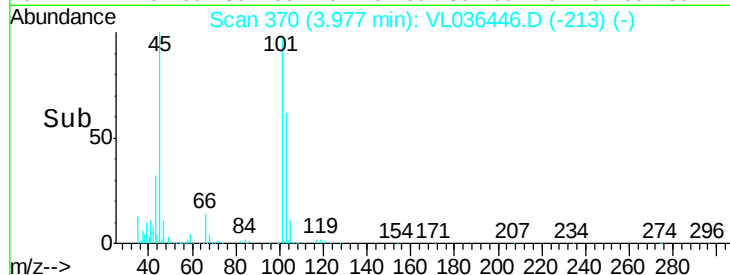
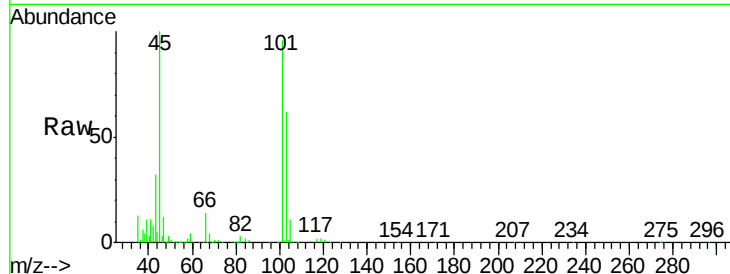
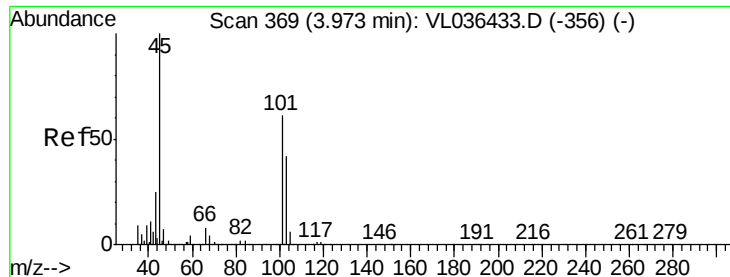


#18

1,1-Dichloroethene
Concen: 8.892 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 96 Resp: 600123
Ion Ratio Lower Upper
96 100
61 208.3 168.2 252.2
98 65.6 47.8 71.6



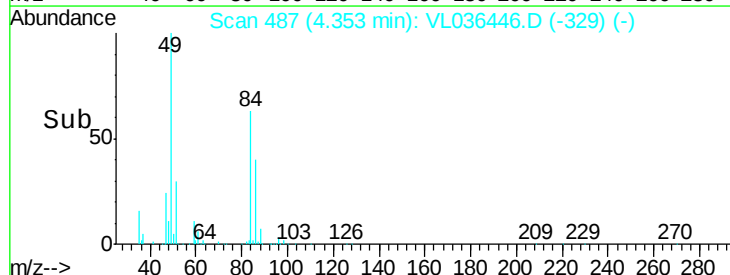
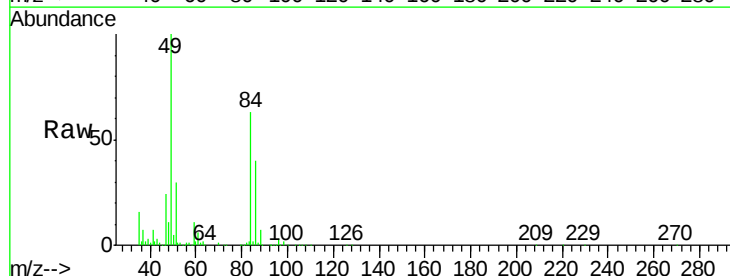
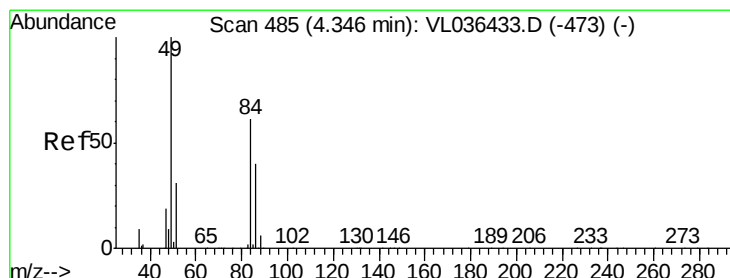
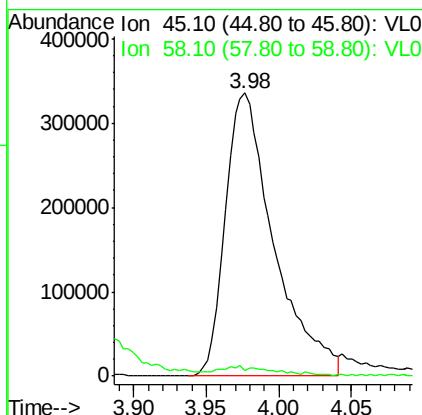


#19
Isopropyl Alcohol
Concen: 7.257 ppbv
RT: 3.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
45 100
58 3.

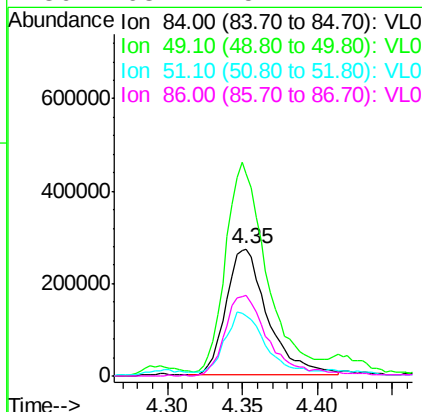
Manual Integrations
APPROVED

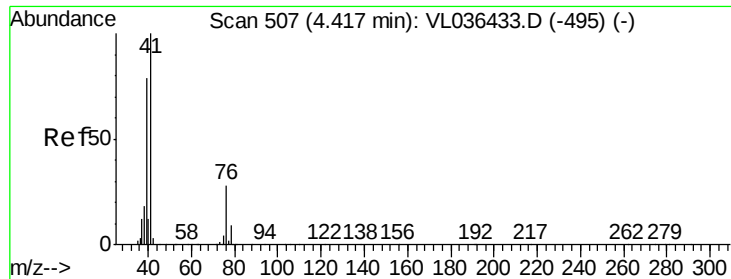
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#20
Methylene Chloride
Concen: 8.280 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 84 Resp: 531744
Ion Ratio Lower Upper
84 100
49 155.8 130.2 195.2
51 44.5 40.5 60.7
86 63.7 51.4 77.2



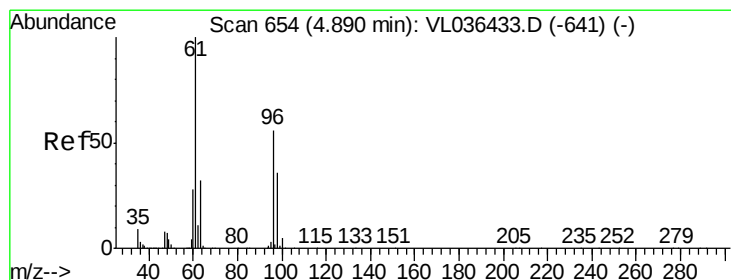
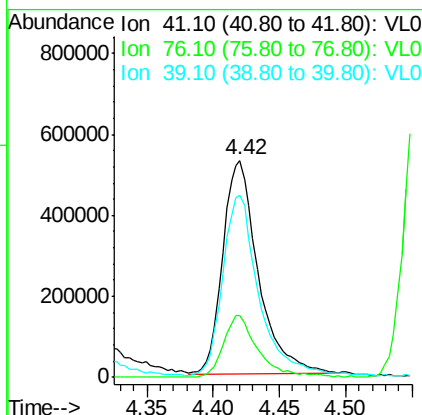
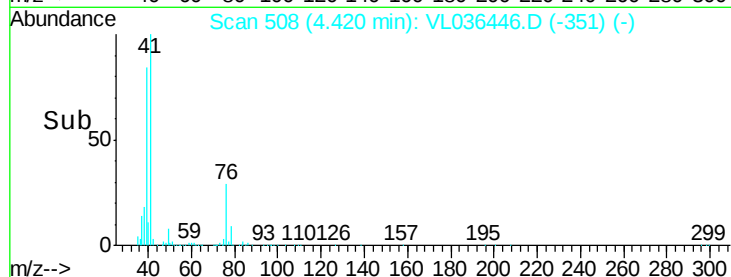
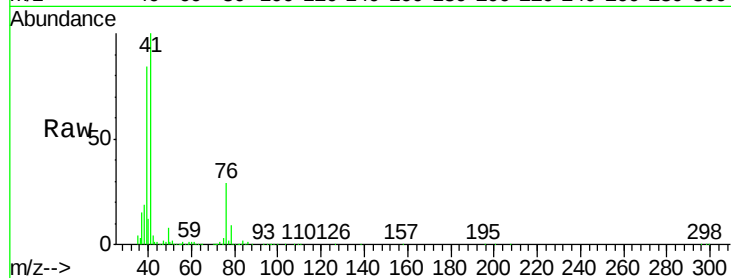


#21
 Allvl Chloride
 Concen: 9.185 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 19:52

Tot Ion:
 Ion Ratio
 41 100
 76 28.
 39 86.

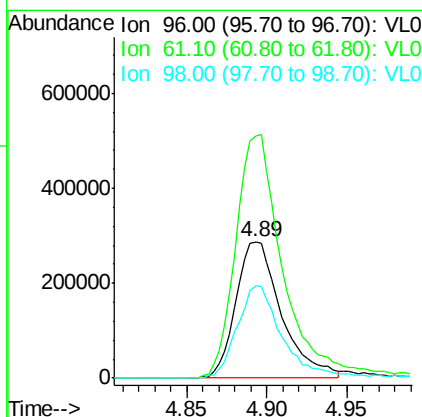
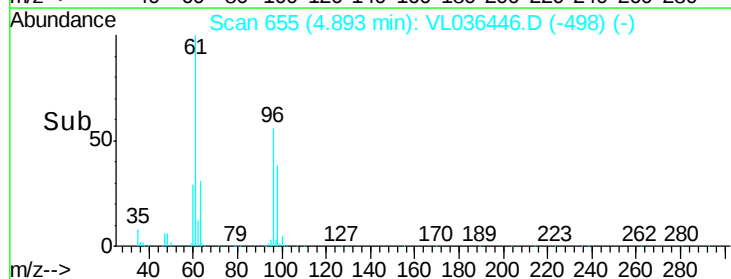
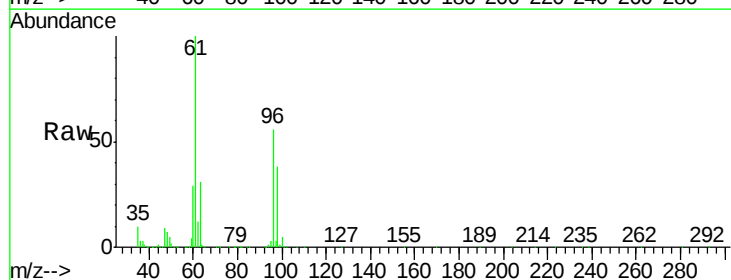
Manual Integrations
 APPROVED

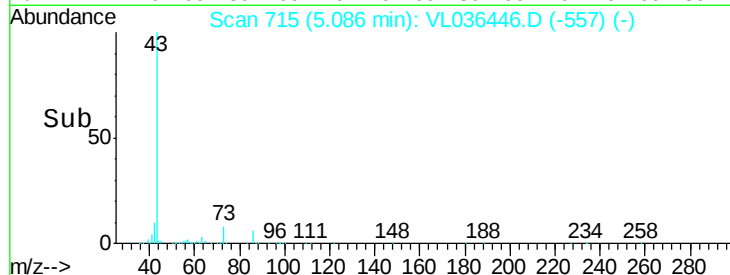
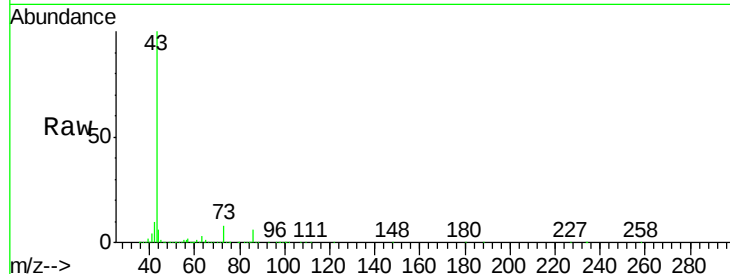
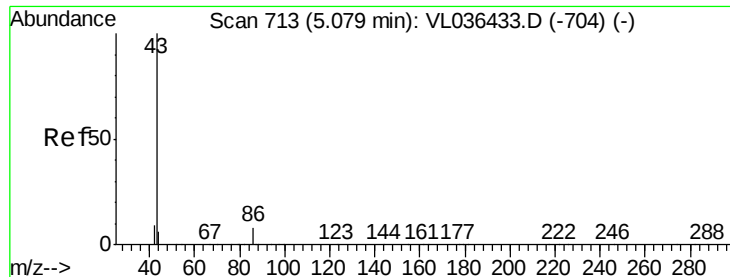
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.138 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 96 Resp: 558428
 Ion Ratio Lower Upper
 96 100
 61 177.4 142.1 213.1
 98 67.4 50.6 75.8

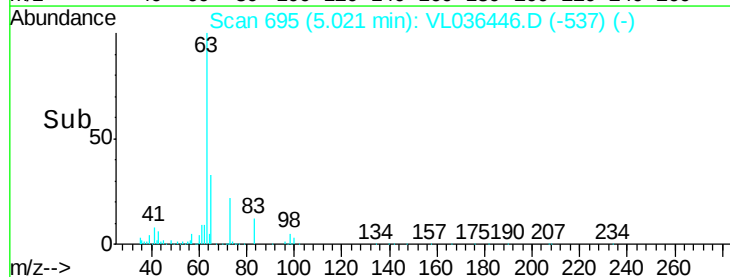
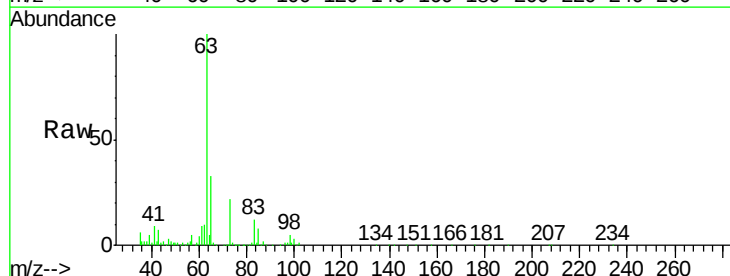
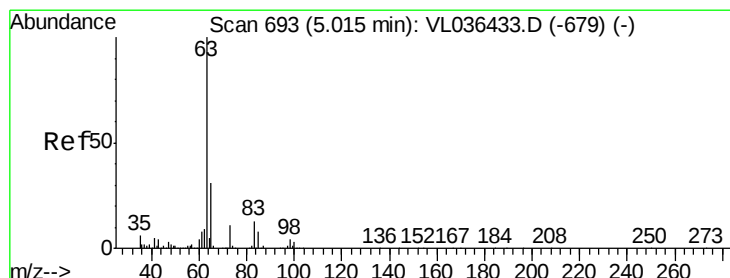
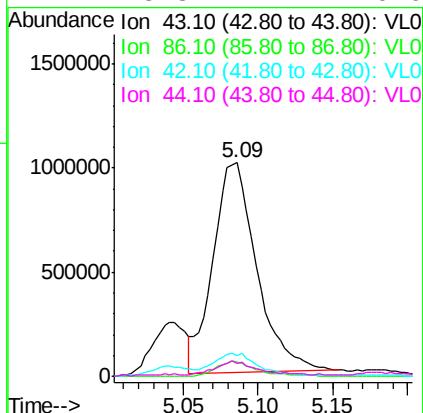




#23
 Vinyl Acetate
 Concen: 9.571 ppbv
 RT: 5.09
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

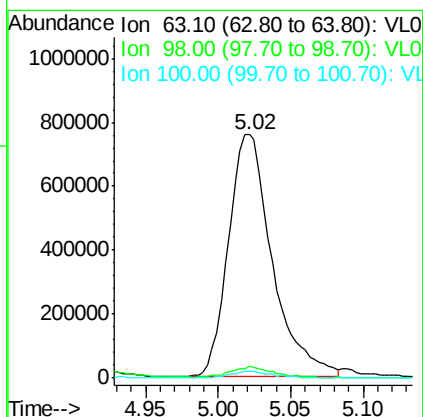
Tot Ion: Manual Integrations
 Ion Ratio APPROVED
 43 100
 86 6.
 42 9.
 44 5.3 4.4 6.6

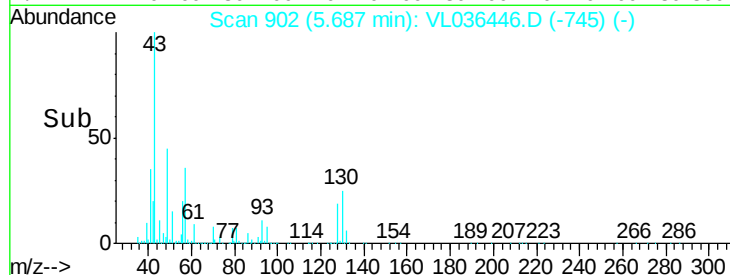
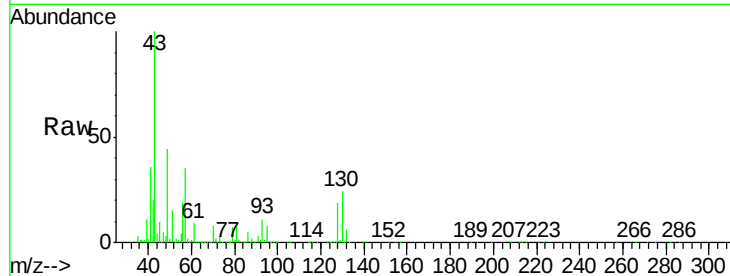
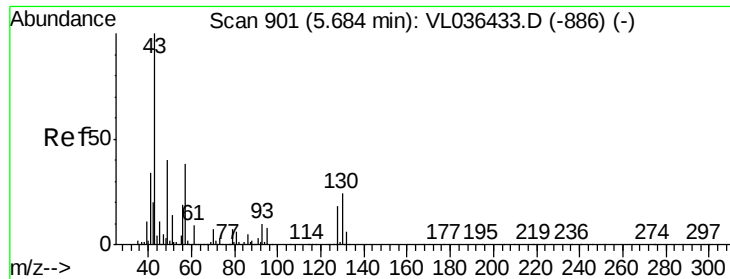
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#24
 1,1-Dichloroethane
 Concen: 9.365 ppbv
 RT: 5.02 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 63 Resp: 1593778
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 5.8
 100 2.5 1.3 3.8



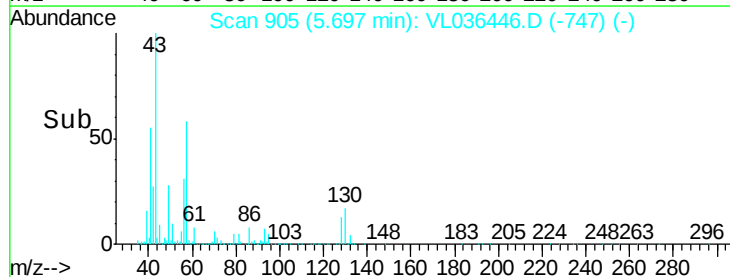
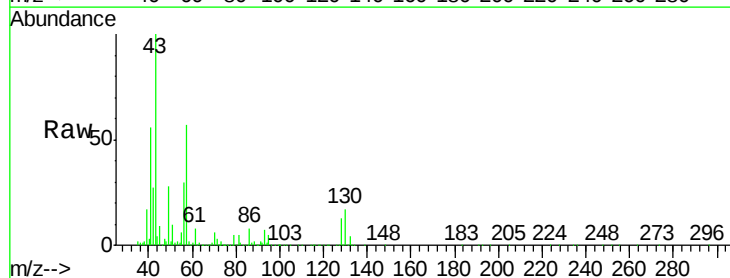
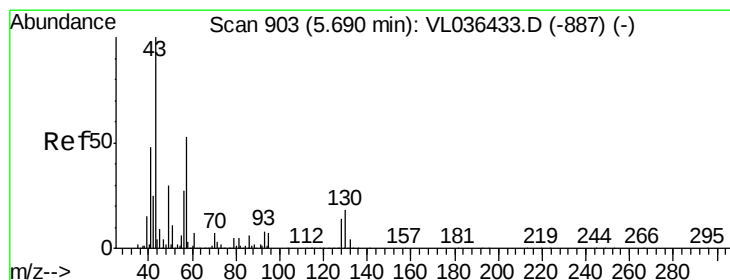
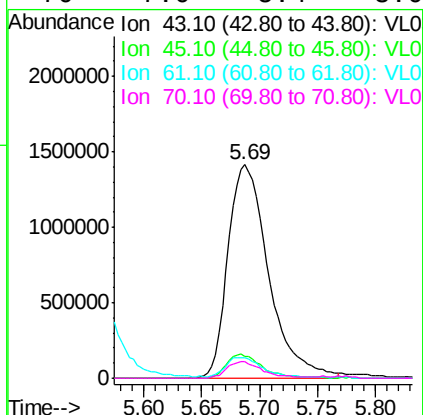


#25
Ethyl Acetate
Concen: 9.270 ppbv
RT: 5.69
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.0 5.4 8.0

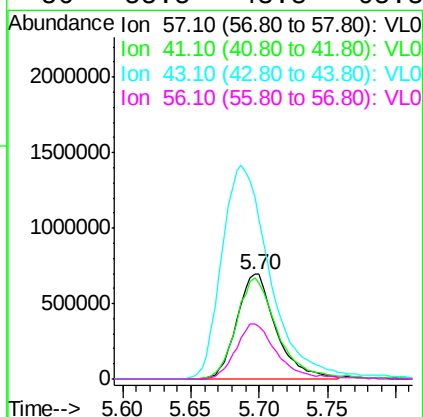
Manual Integrations
APPROVED

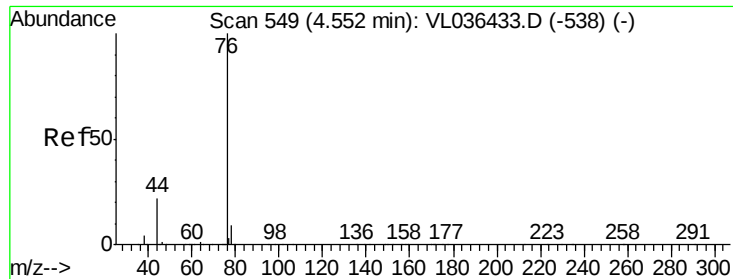
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#26
Hexane
Concen: 9.180 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 57 Resp: 1391403
Ion Ratio Lower Upper
57 100
41 103.1 80.4 120.6
43 252.6 199.8 299.6
56 55.5 43.8 65.8





#27

Carbon Disulfide

Concen: 10.055 ppbv

RT: 4.56 Instrument: MSVOA_L

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 3 Mar 2021 19:52

Tot Ion:

Ion Ratio

76 100

44 21.

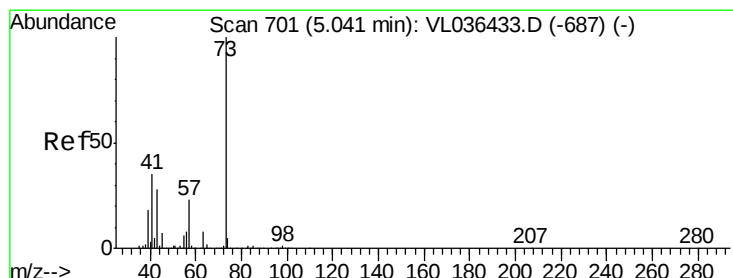
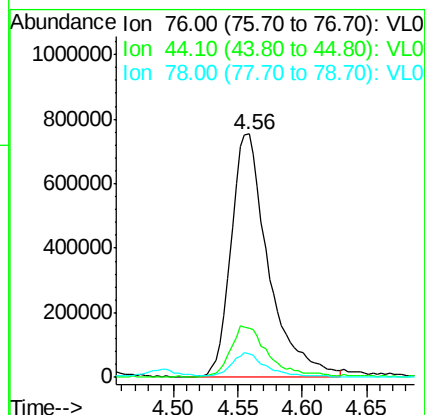
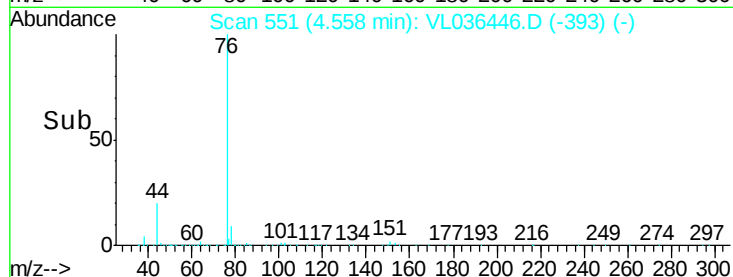
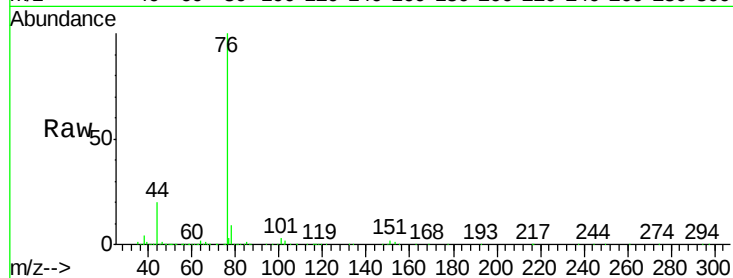
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#28

Methyl tert-Butyl Ether

Concen: 9.314 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.00 min

Lab File: VL036446.D

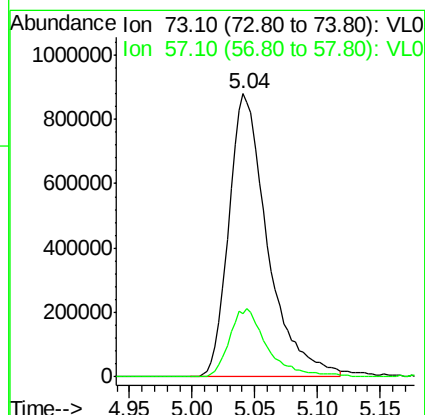
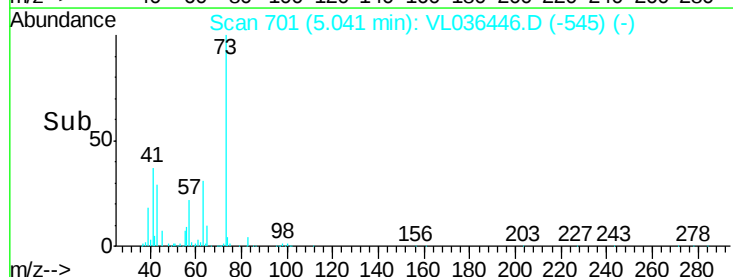
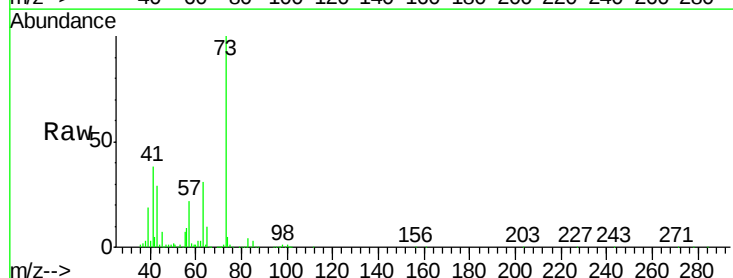
Acq: 3 Mar 2021 19:52

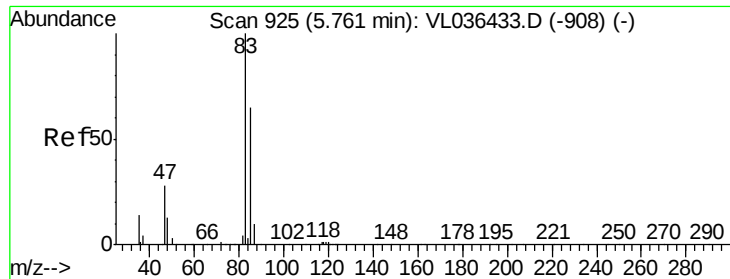
Tgt Ion: 73 Resp: 1891778

Ion Ratio Lower Upper

73 100

57 23.8 19.0 28.6



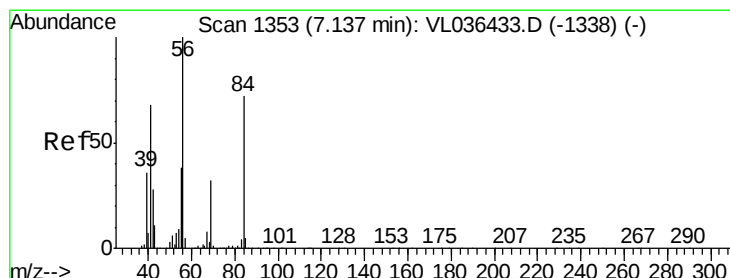
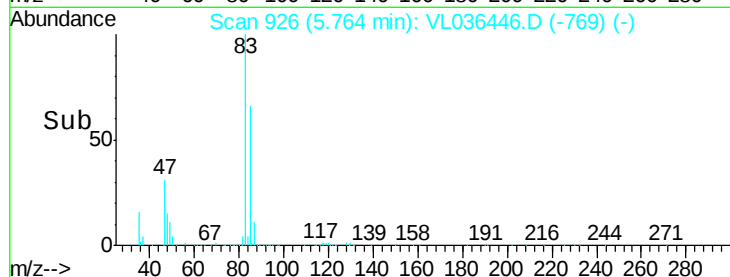
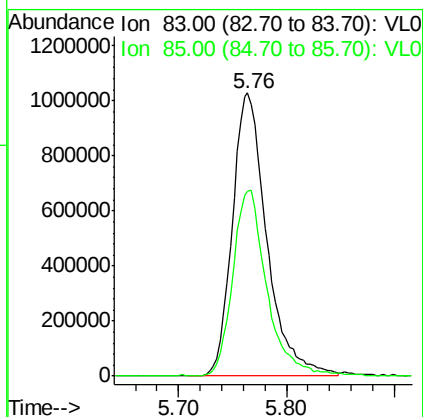
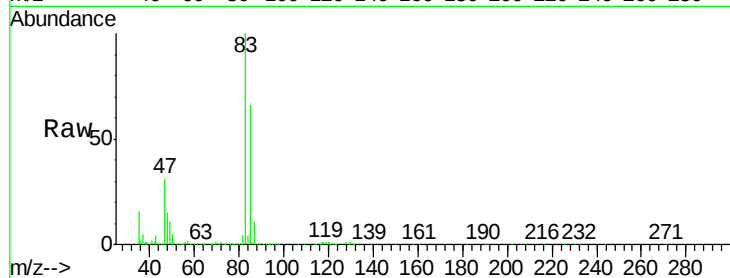


#29
Chloroform
Concen: 9.227 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
83 100
85 65.

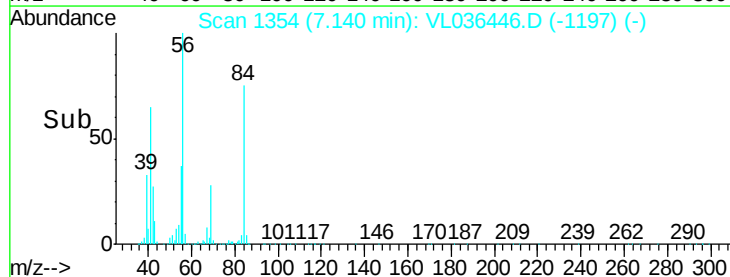
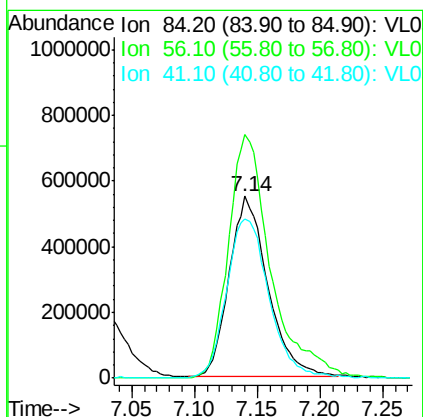
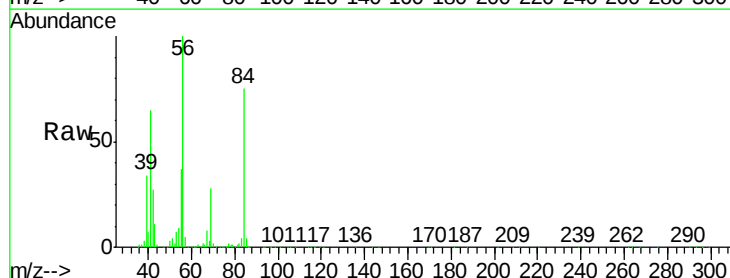
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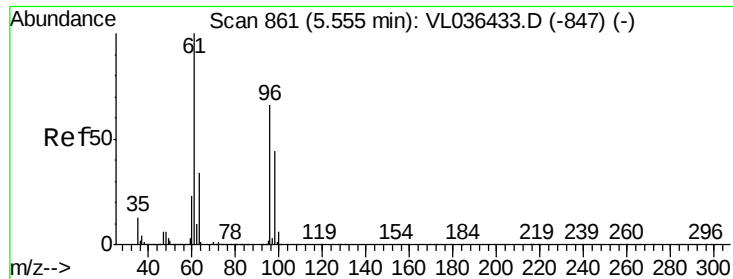
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#30
Cyclohexane
Concen: 9.453 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 84 Resp: 1183863
Ion Ratio Lower Upper
84 100
56 148.3 117.6 176.4
41 97.4 75.9 113.9





#31

cis-1,2-Dichloroethene

Concen: 9.667 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 58.

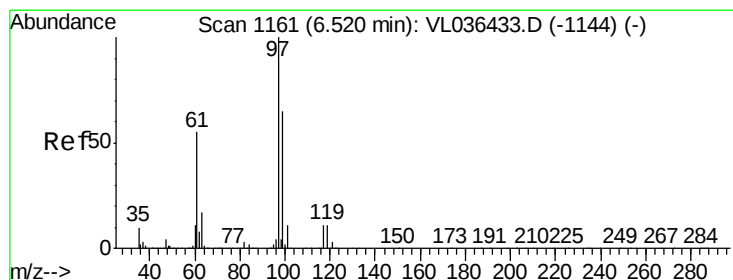
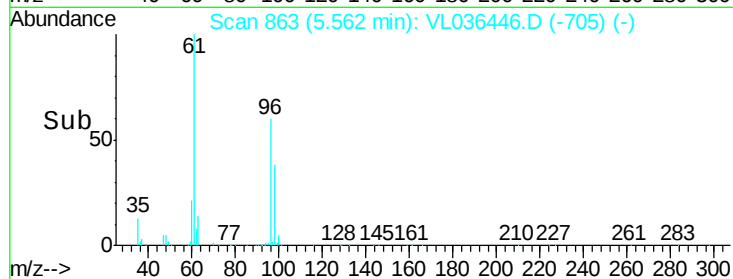
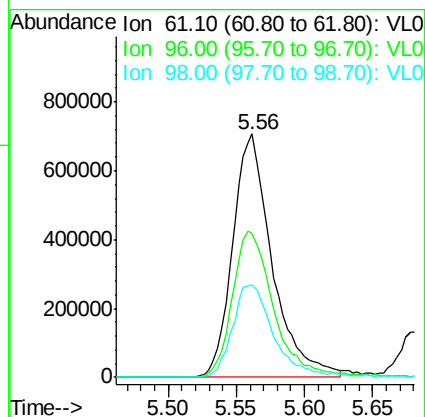
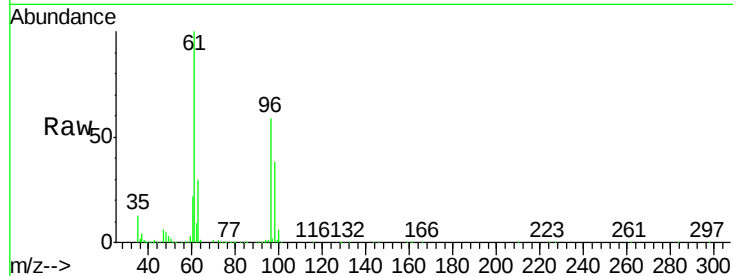
98 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#32

1,1,1-Trichloroethane

Concen: 8.990 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

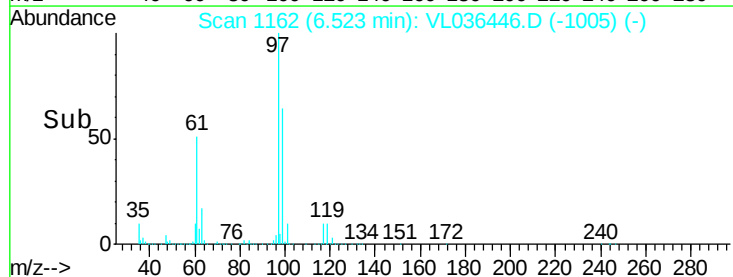
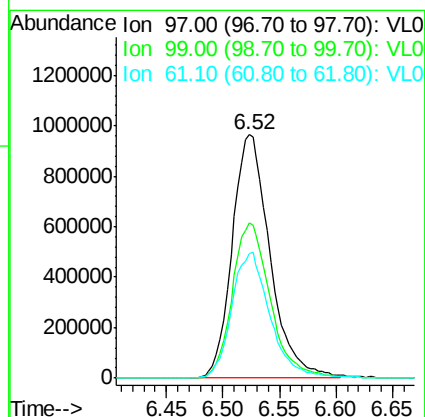
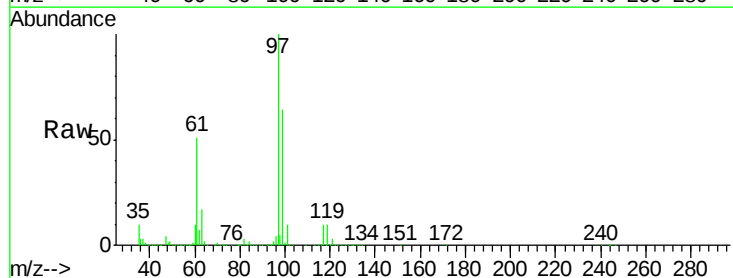
Tgt Ion: 97 Resp: 2240158

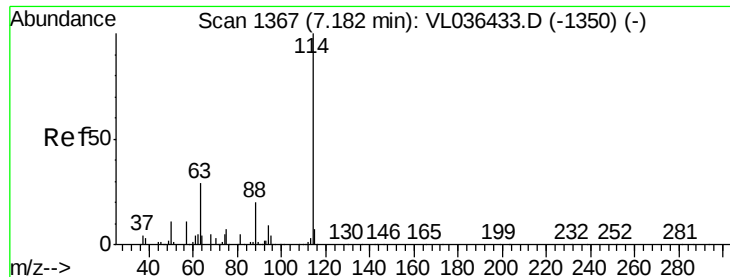
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 52.4 42.2 63.4



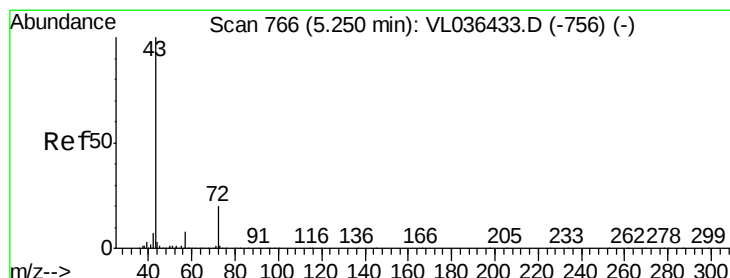
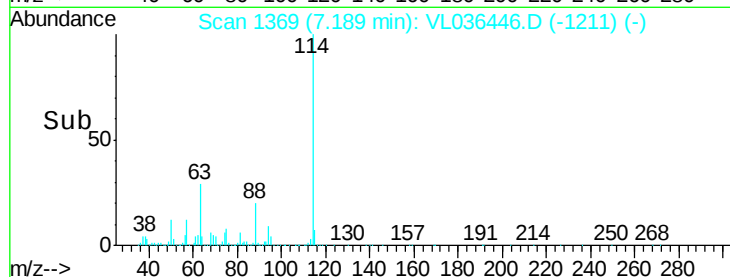
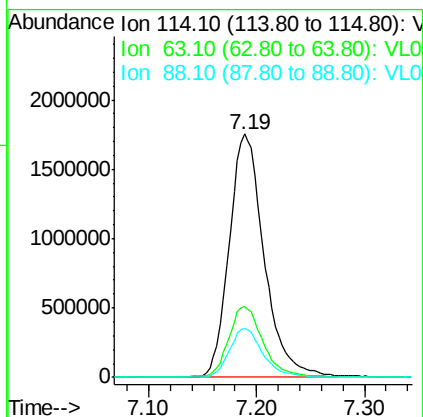
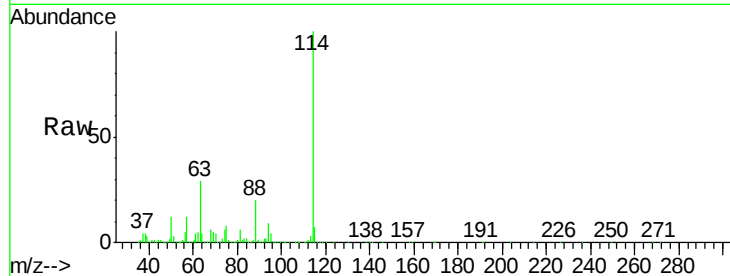


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

Tot Ion: 1
 Ion Ratio
 114 100
 63 29.
 88 19.

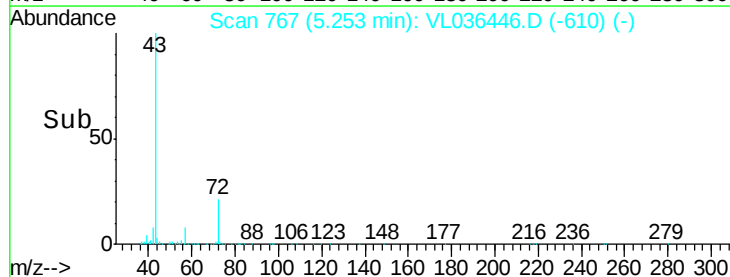
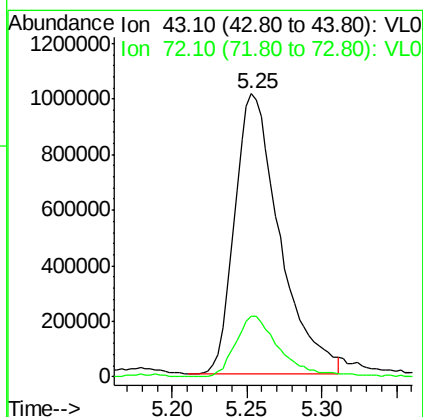
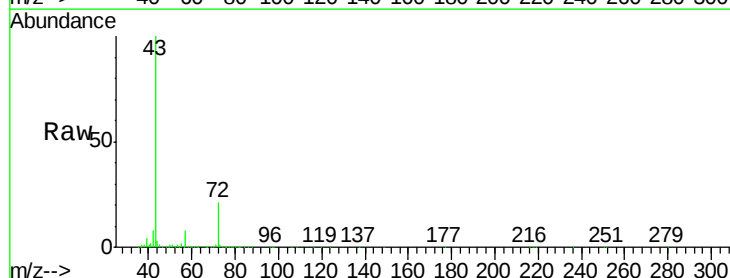
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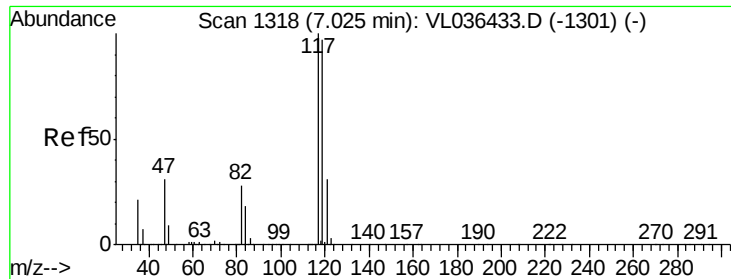
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#34
 2-Butanone
 Concen: 8.835 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 43 Resp: 2109798
 Ion Ratio Lower Upper
 43 100
 72 21.6 16.7 25.1



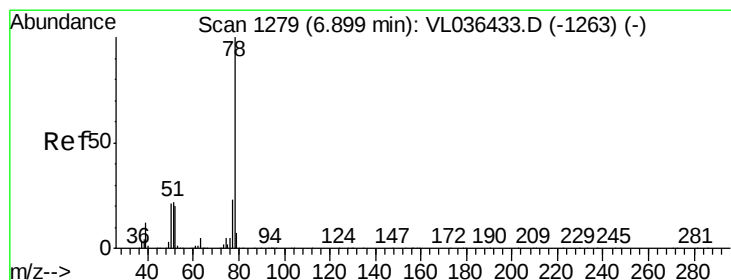
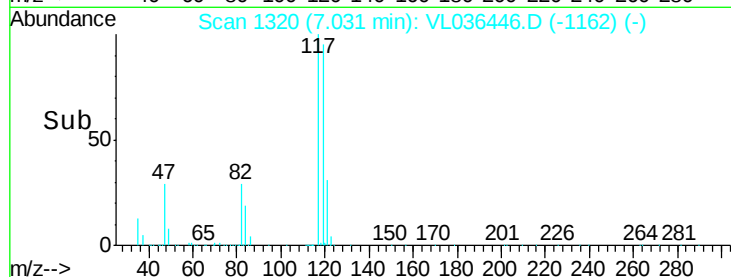
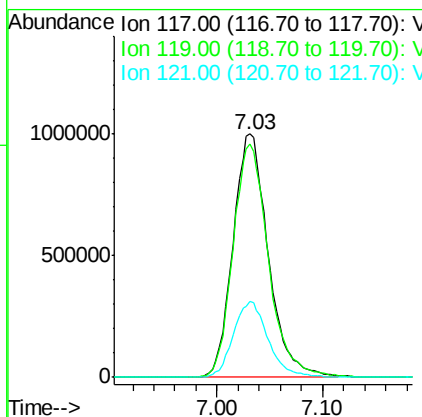
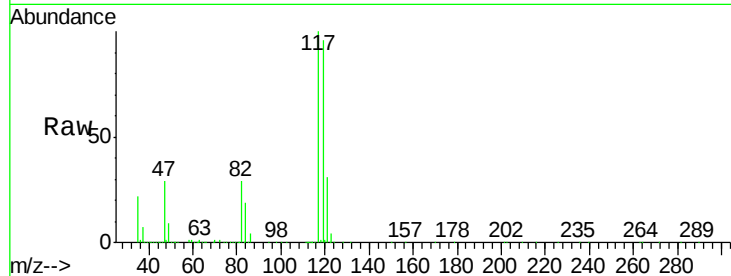


#35
Carbon Tetrachloride
Concen: 9.063 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 3 Mar 2021 19:52

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

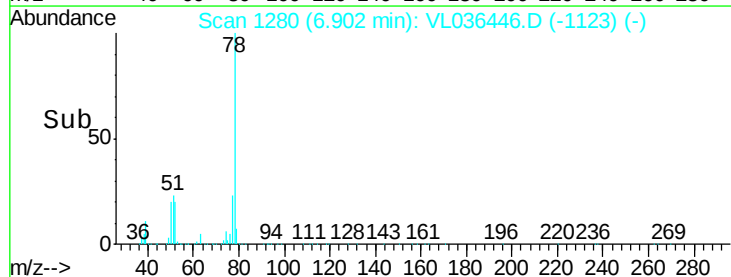
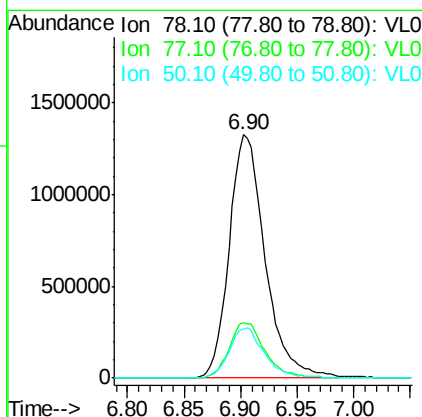
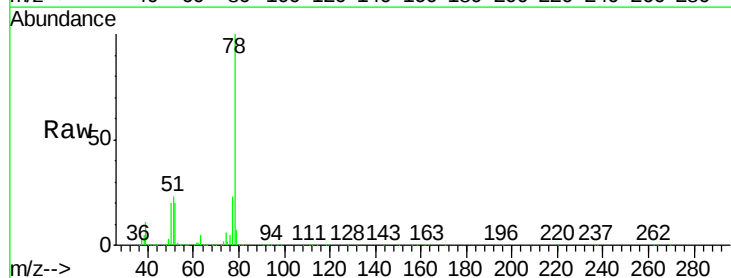
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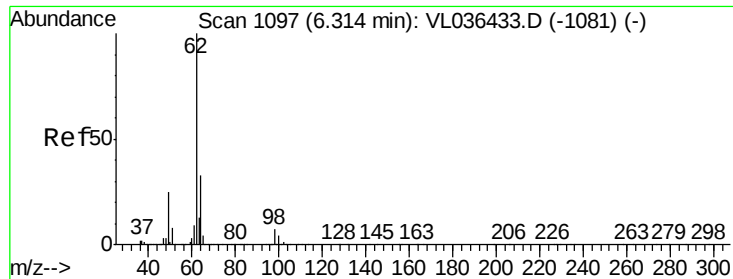
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#36
Benzene
Concen: 9.510 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 78 Resp: 2923507
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1
50 20.1 16.8 25.2



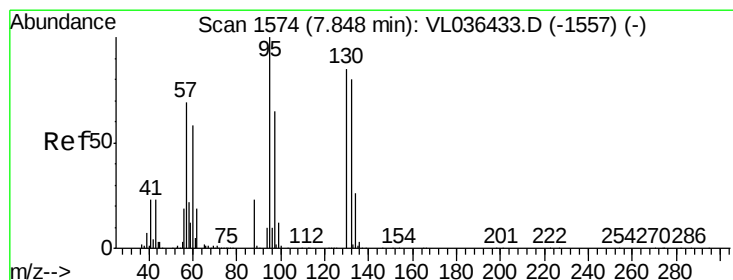
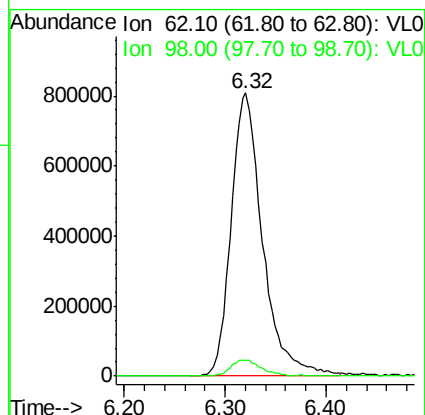
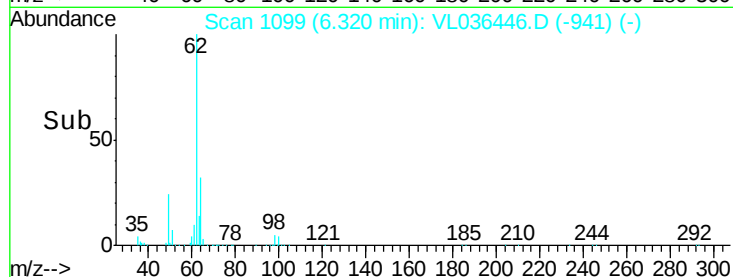
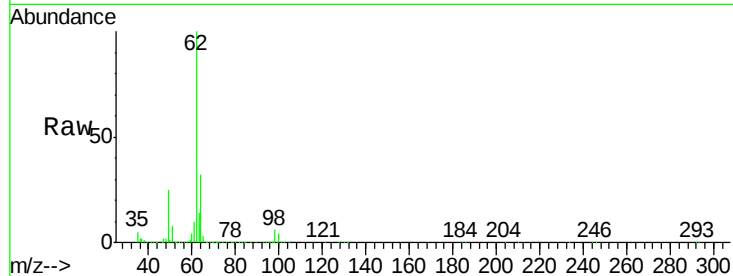


#37
 1,2-Dichloroethane
 Concen: 9.103 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

Tot Ion:
 Ion Ratio
 62 100
 98 5.

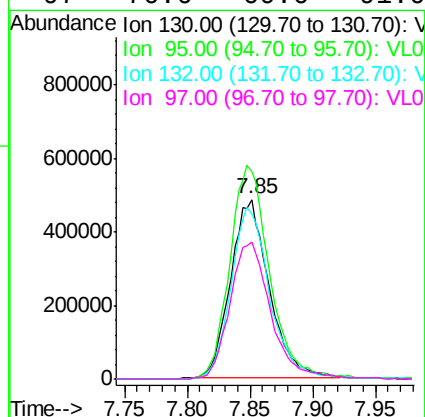
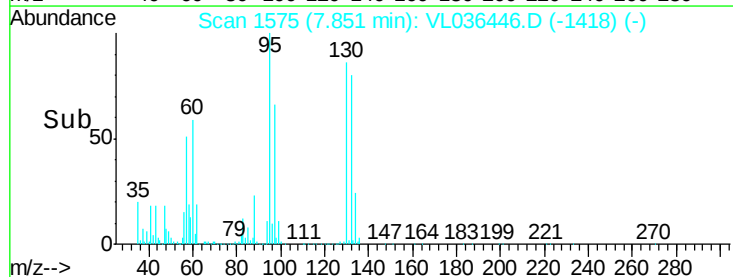
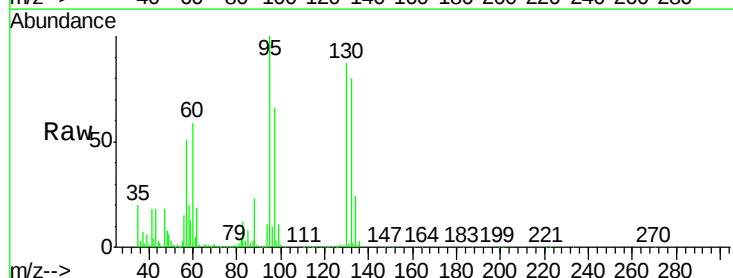
Manual Integrations
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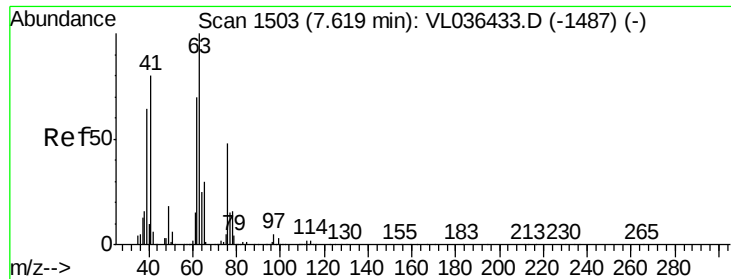
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#38
 Trichloroethene
 Concen: 8.935 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion:130 Resp: 1038068
 Ion Ratio Lower Upper
 130 100
 95 115.9 93.8 140.8
 132 92.3 74.6 112.0
 97 76.6 60.6 91.0



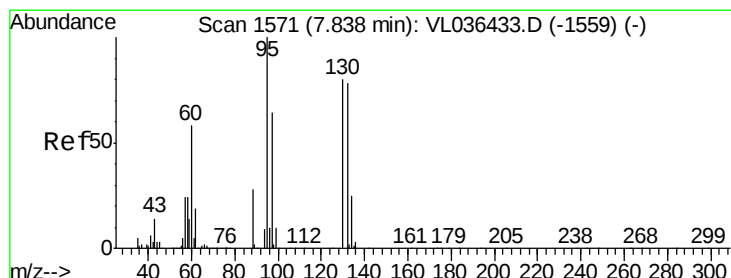
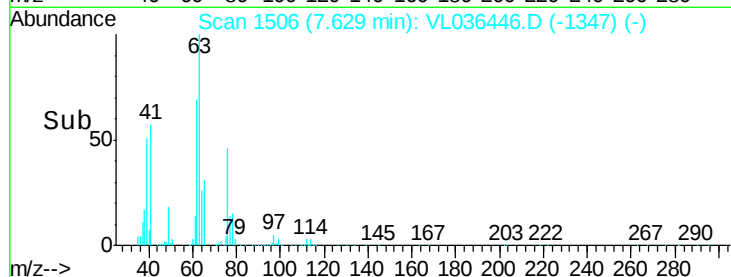
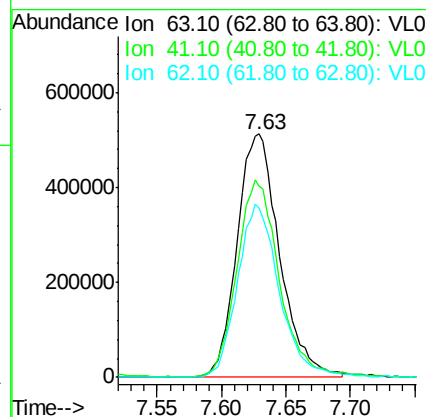
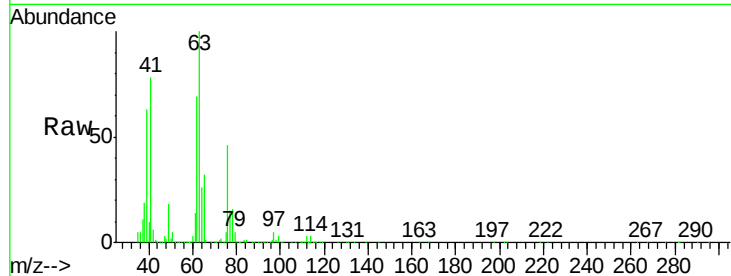


#39
 1,2-Dichloropropane
 Concen: 8.946 ppbv
 RT: 7.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 69.

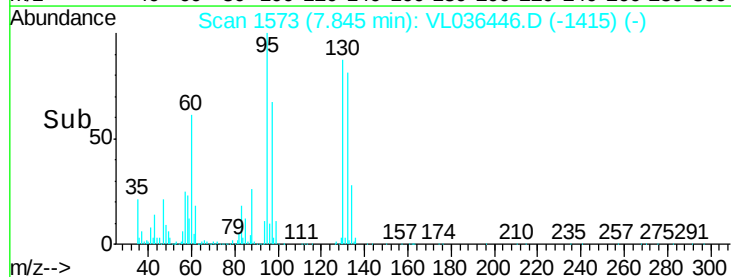
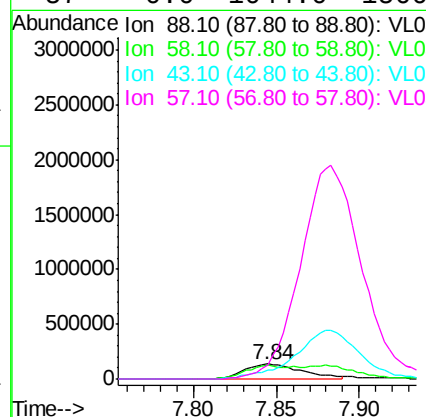
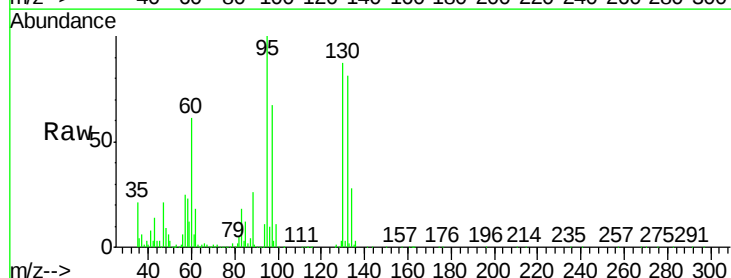
Manual Integrations
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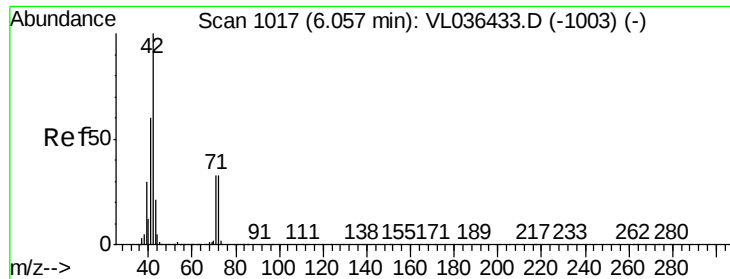
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#40
 1,4-Dioxane
 Concen: 7.697 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 88 Resp: 330284
 Ion Ratio Lower Upper
 88 100
 58 64.3 119.6 179.4#
 43 0.0 254.2 381.4#
 57 0.0 1044.0 1566.0#



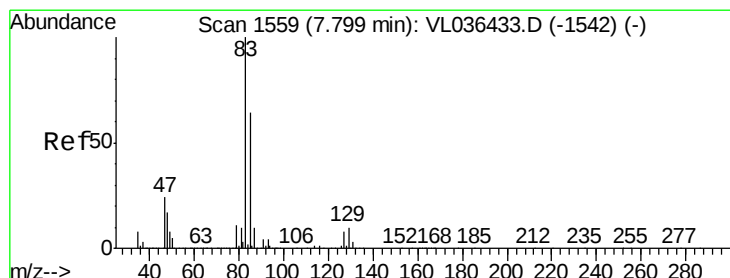
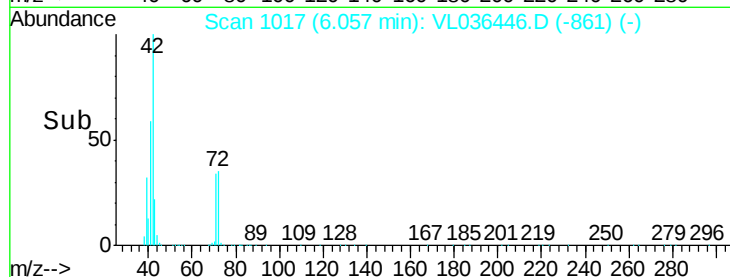
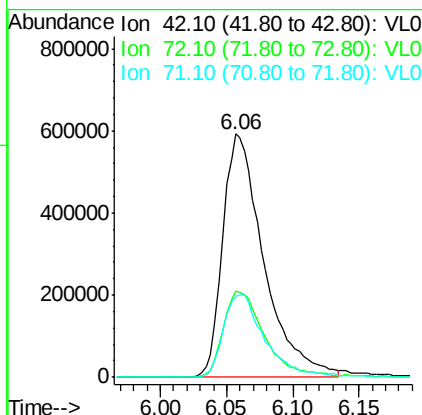
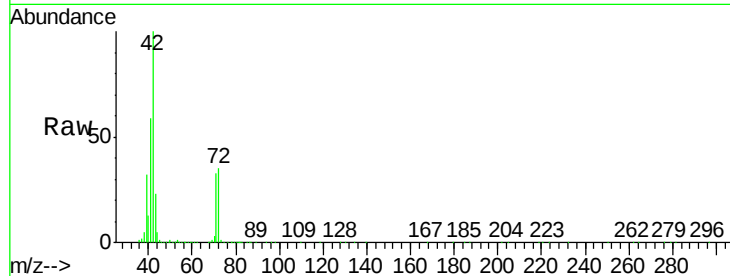


#41
Tetrahydrofuran
Concen: 9.592 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
42 100
72 36.
71 34.

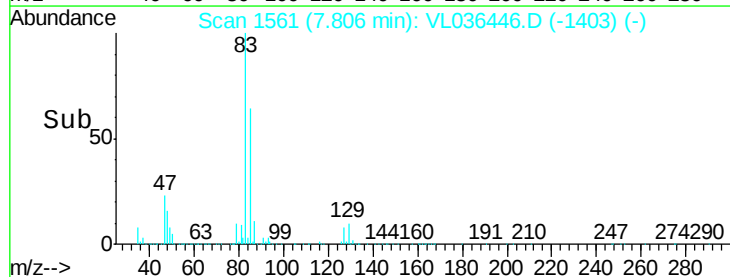
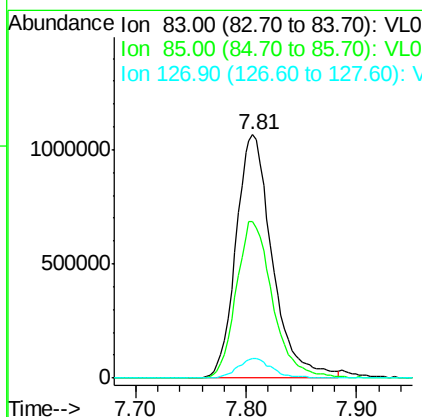
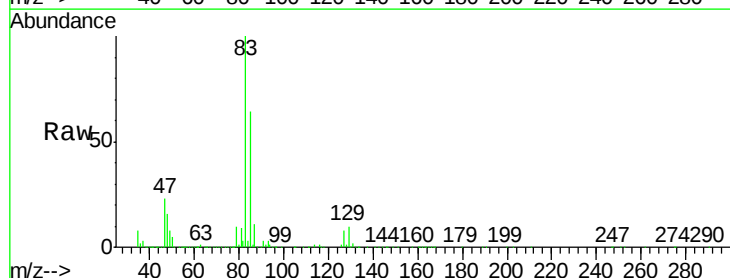
Manual Integrations
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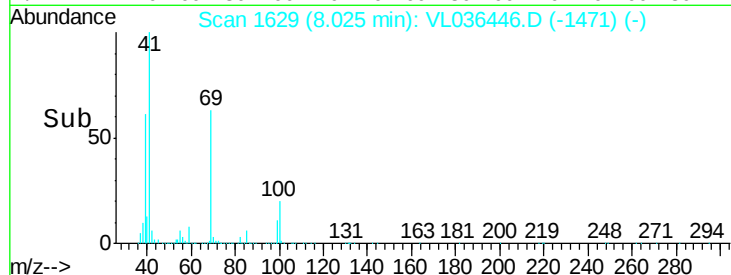
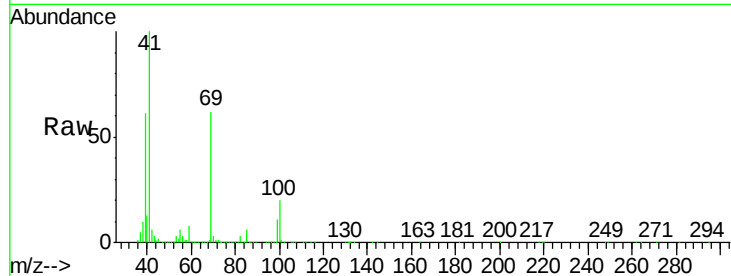
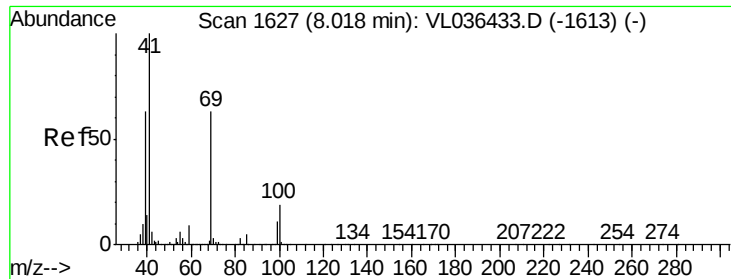
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#42
Bromodichloromethane
Concen: 9.330 ppbv
RT: 7.81 min Scan# 1561
Delta R.T.: 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 83 Resp: 2435641
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 8.1 6.0 9.0



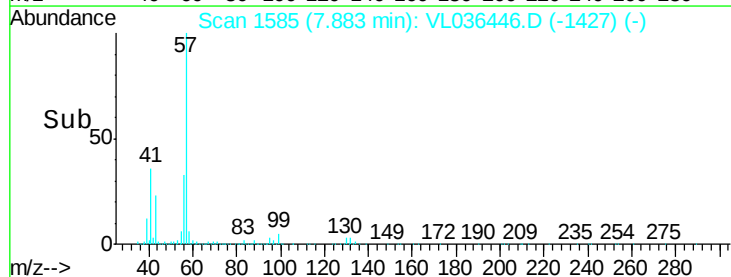
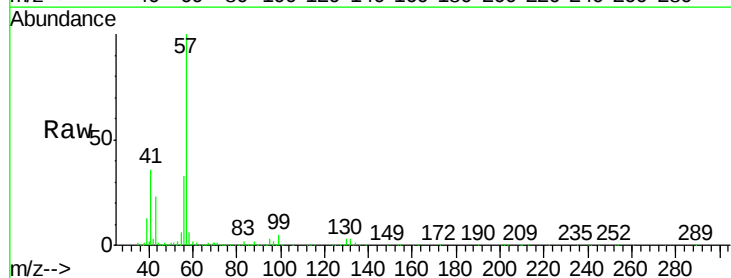
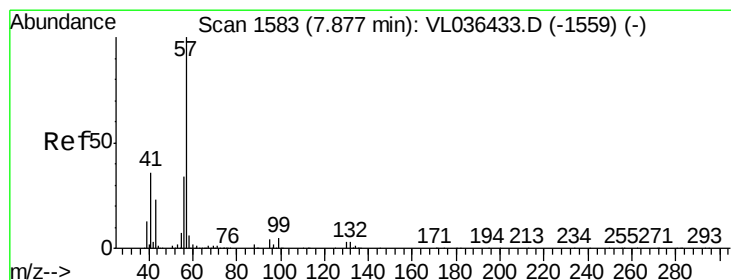
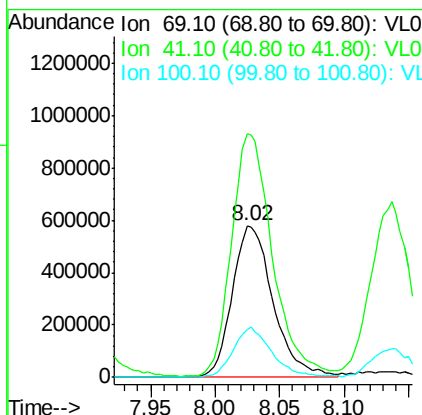


#43
Methyl Methacrylate
Concen: 10.229 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010EC
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
69 100
41 161.
100 31.

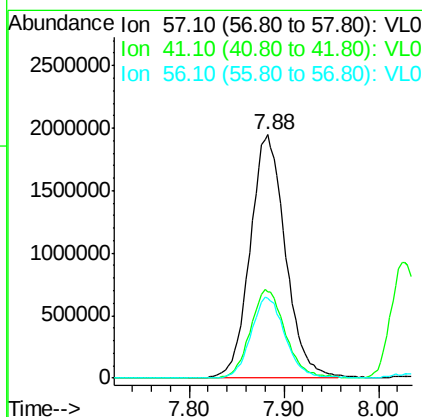
Manual Integrations
APPROVED

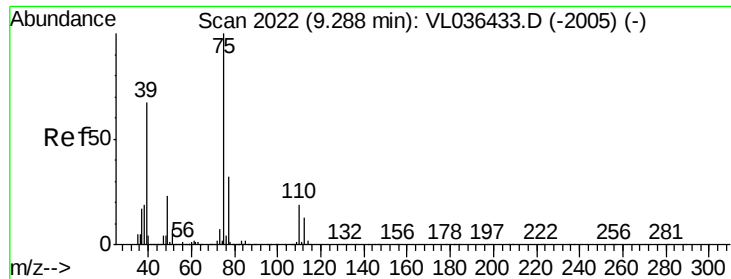
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#44
2,2,4-Trimethylpentane
Concen: 8.980 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 57 Resp: 5033818
Ion Ratio Lower Upper
57 100
41 35.8 28.2 42.2
56 32.2 25.9 38.9



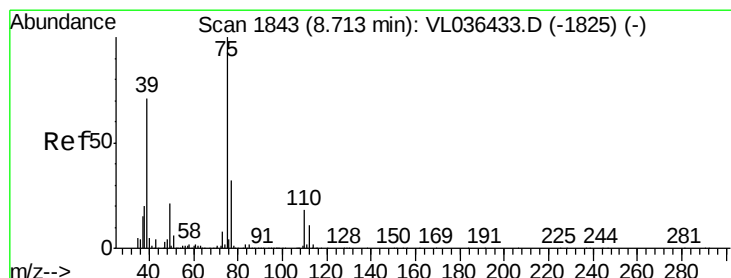
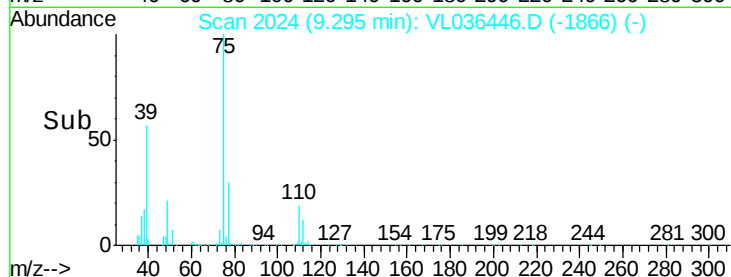
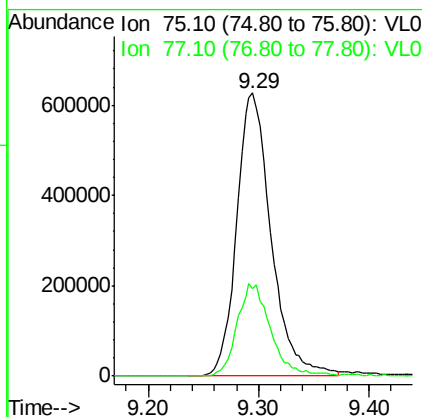
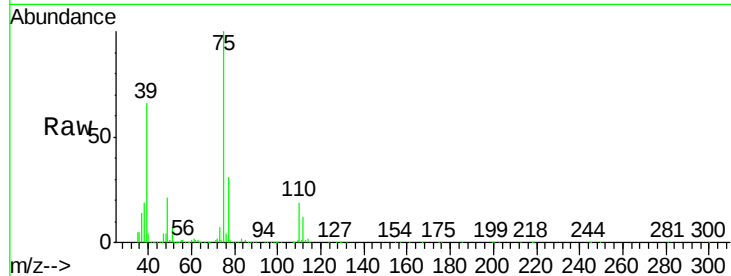


#45
 t-1,3-Dichloropropene
 Concen: 11.176 ppbv
 RT: 9.29
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2021 19:52

Tot Ion:
 Ion Ratio
 75 100
 77 31.

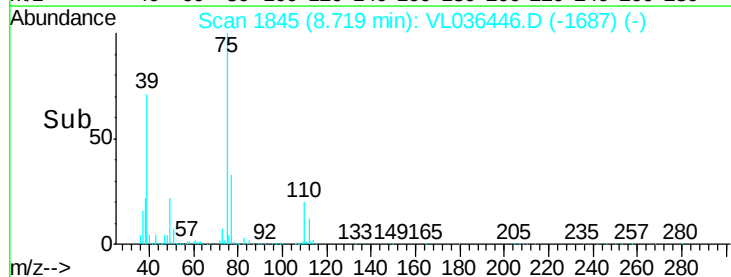
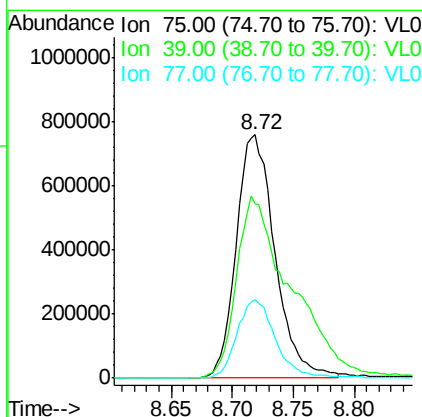
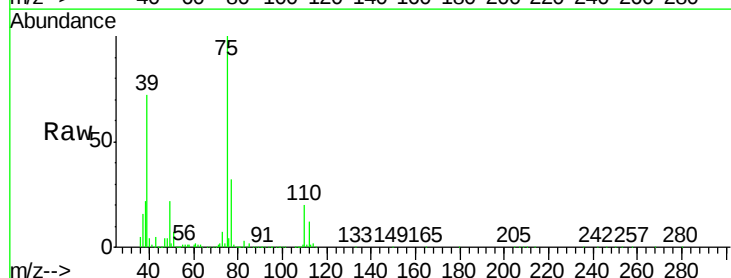
Manual Integrations
 APPROVED

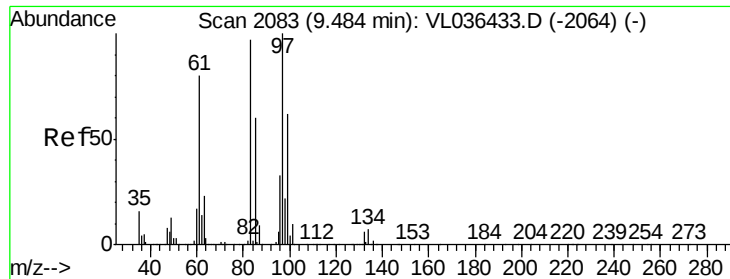
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#46
 cis-1,3-Dichloropropene
 Concen: 10.540 ppbv
 RT: 8.72 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 75 Resp: 1667309
 Ion Ratio Lower Upper
 75 100
 39 71.7 57.1 85.7
 77 32.5 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.039 ppbv

RT: 9.49 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:

Ion Ratio

97 100

83 91.

85 59.

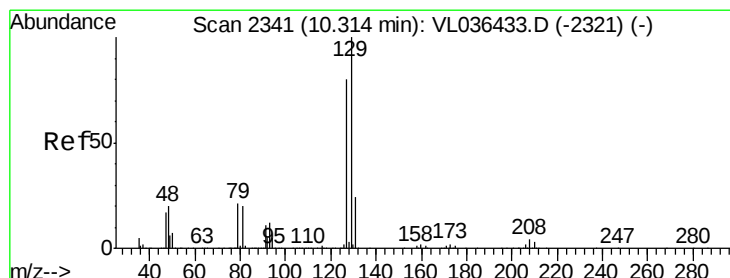
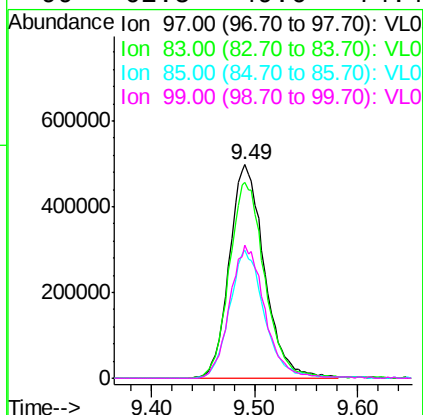
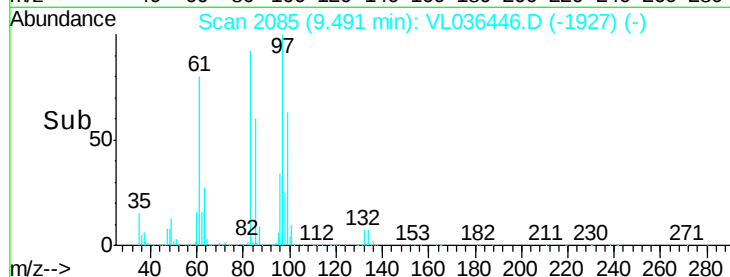
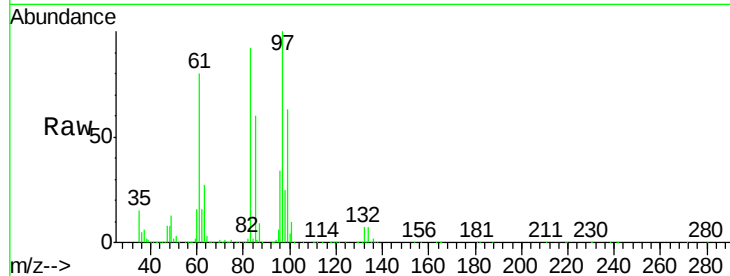
99 62.5 49.6 74.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#48

Dibromochloromethane

Concen: 9.727 ppbv

RT: 10.32 min Scan# 2343

Delta R.T. 0.01 min

Lab File: VL036446.D

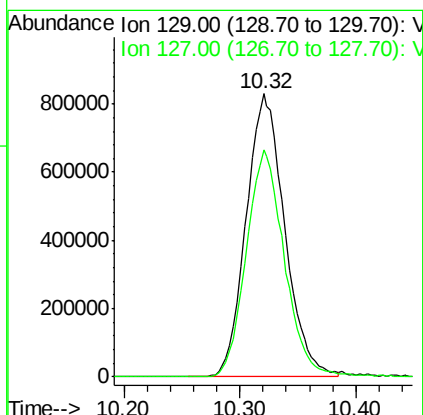
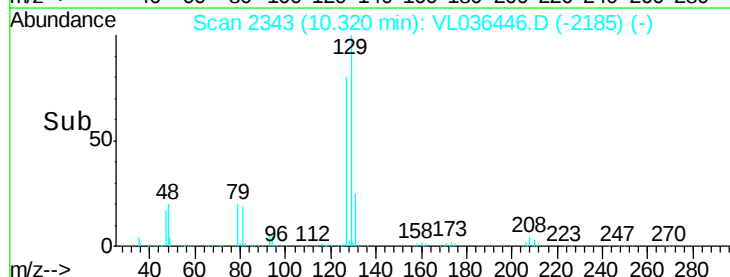
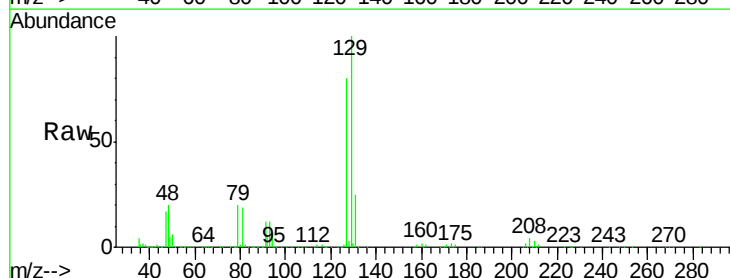
Acq: 3 Mar 2021 19:52

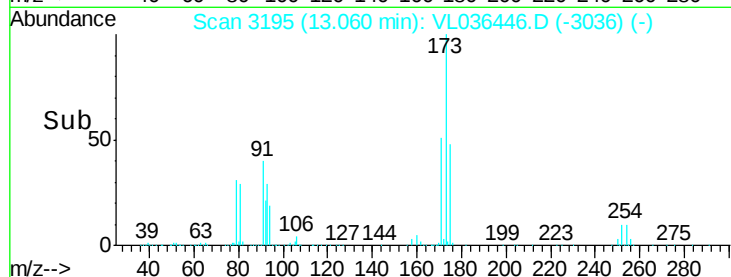
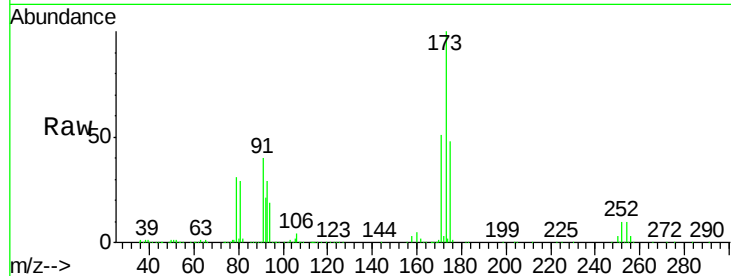
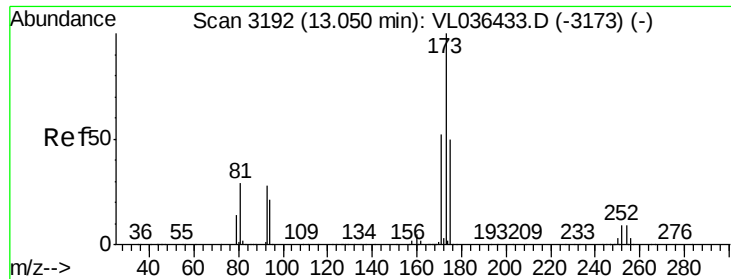
Tgt Ion:129 Resp: 1919532

Ion Ratio Lower Upper

129 100

127 79.7 39.4 118.1





#49

Bromoform

Concen: 9.410 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:1

Ion Rati

173 100

175 50.

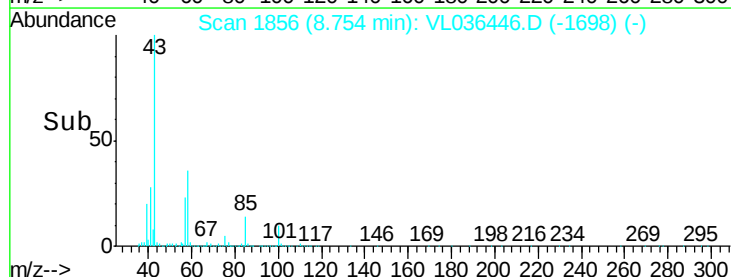
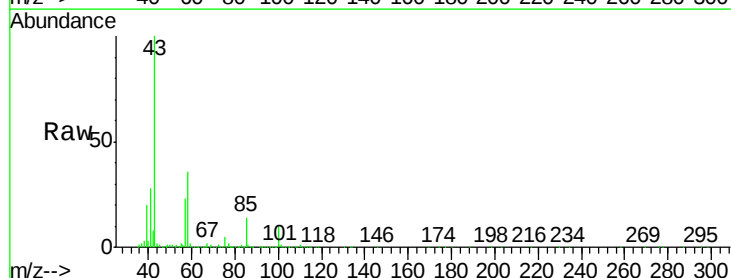
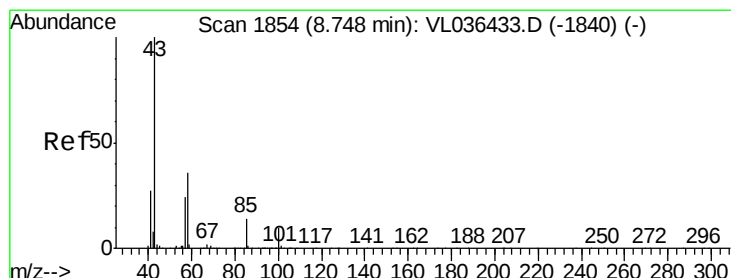
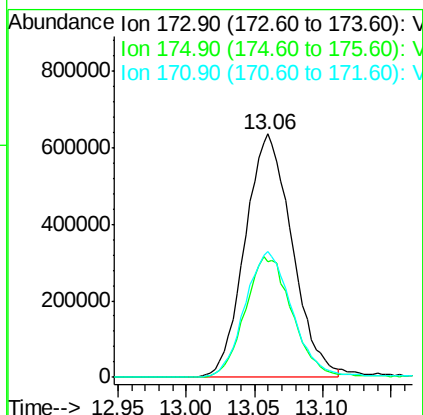
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#50

4-Methyl-2-Pentanone

Concen: 9.763 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL036446.D

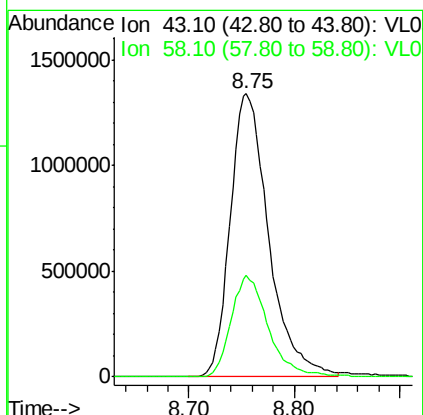
Acq: 3 Mar 2021 19:52

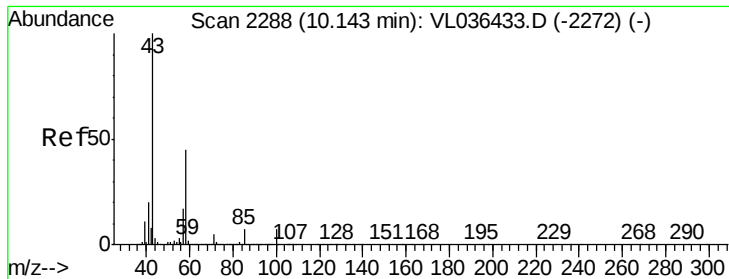
Tgt Ion: 43 Resp: 3394487

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.8



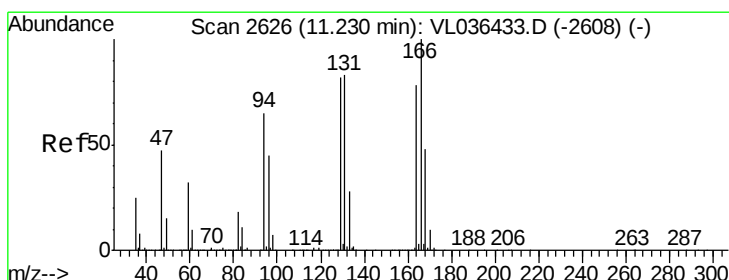
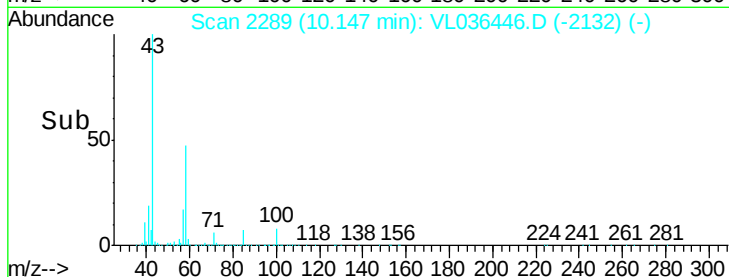
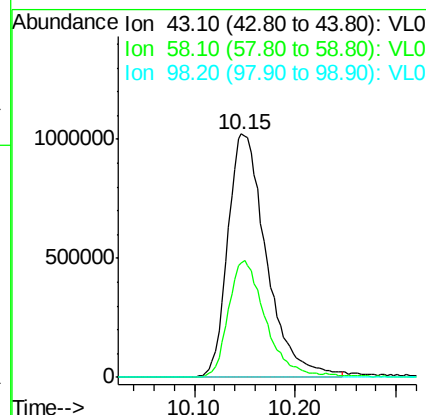
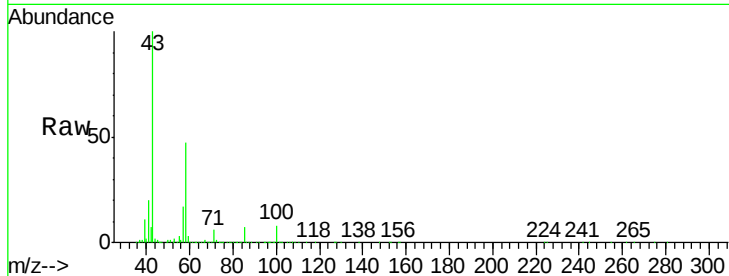


#51
2-Hexanone
Concen: 10.383 ppbv
RT: 10.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
43 100
58 46.
98 0.

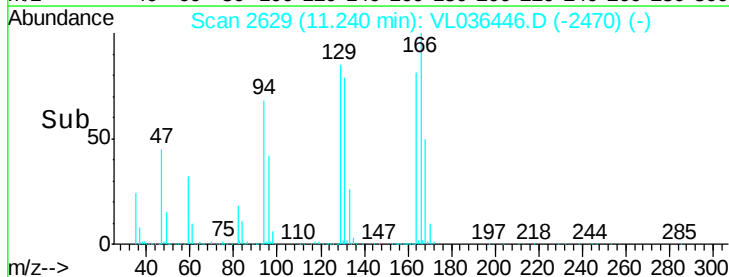
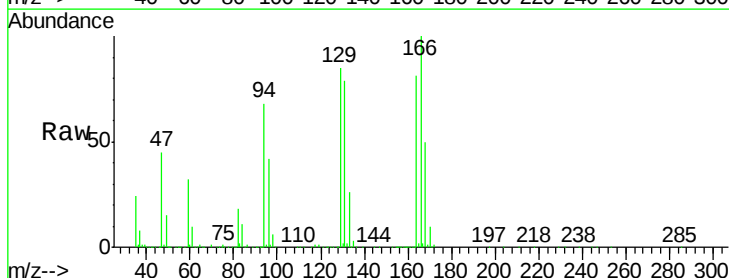
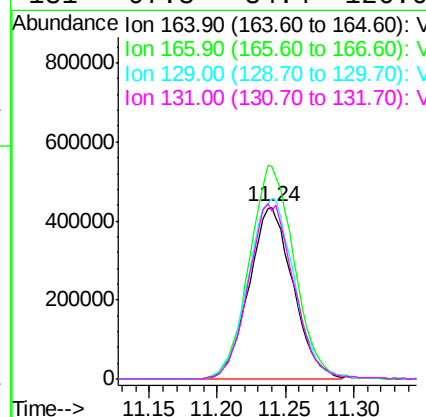
Manual Integrations
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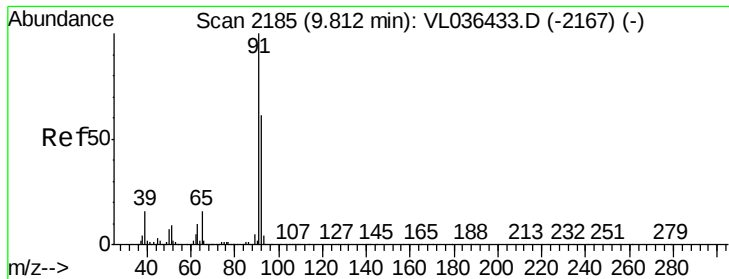
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#52
Tetrachloroethene
Concen: 8.440 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion:164 Resp: 973106
Ion Ratio Lower Upper
164 100
166 123.4 102.0 153.0
129 104.9 83.3 124.9
131 97.3 84.4 126.6





#53

Toluene

Concen: 9.851 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52

Tot Ion:

Ion Ratio

91 100

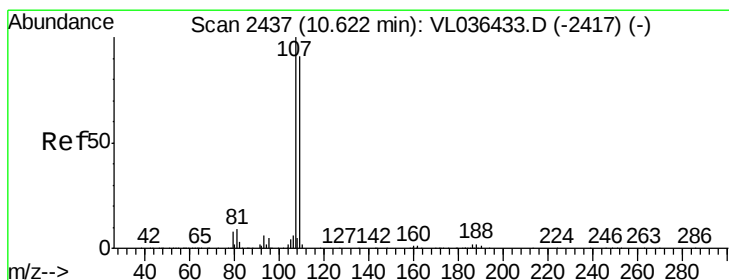
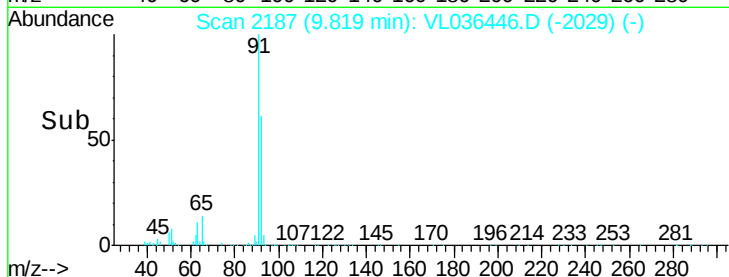
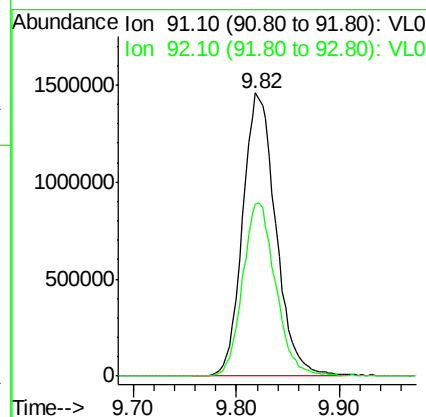
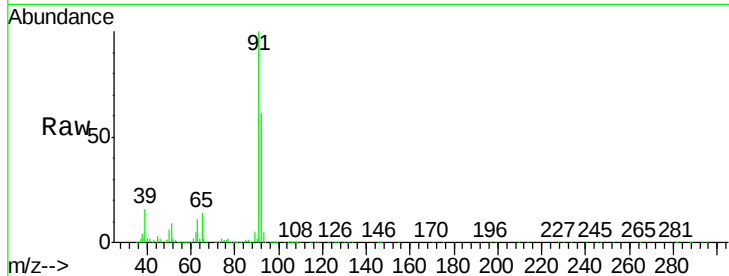
92 61.

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#54

1,2-Dibromoethane

Concen: 9.139 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VL036446.D

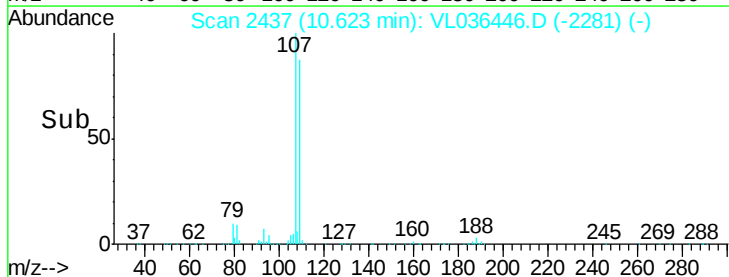
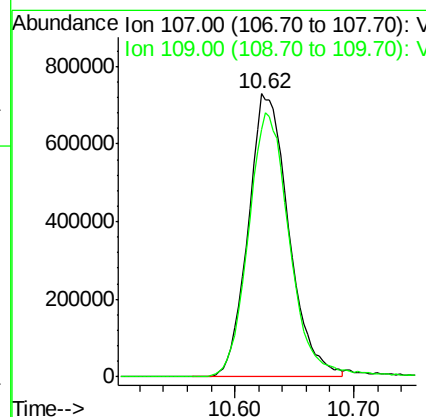
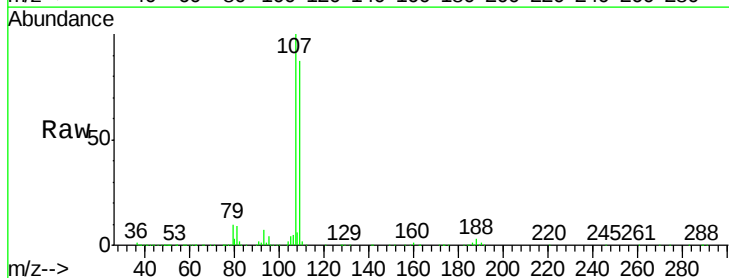
Acq: 3 Mar 2021 19:52

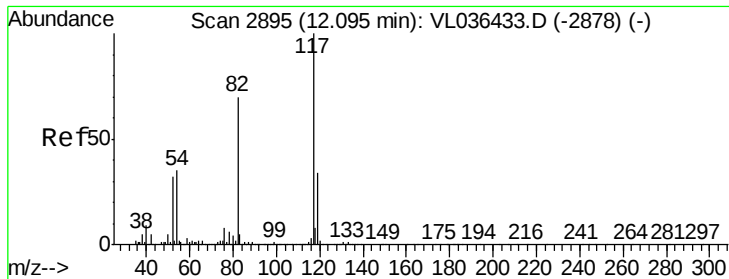
Tgt Ion:107 Resp: 1719264

Ion Ratio Lower Upper

107 100

109 87.4 73.0 109.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52

Tot Ion:1

Ion Rati

117 100

82 68.

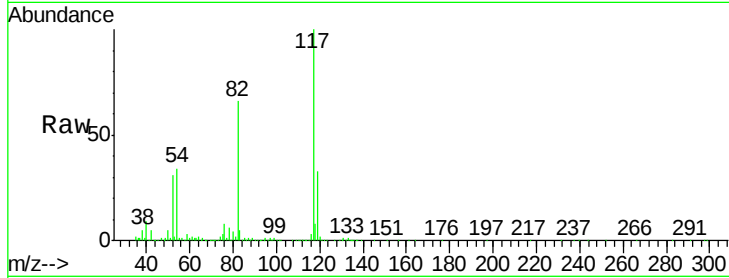
119 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

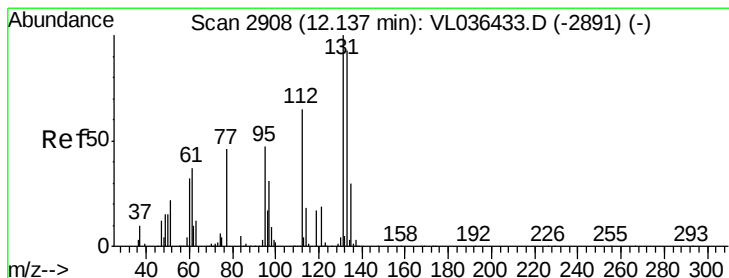
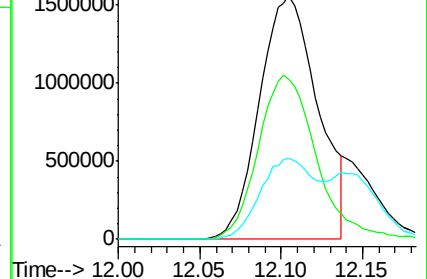
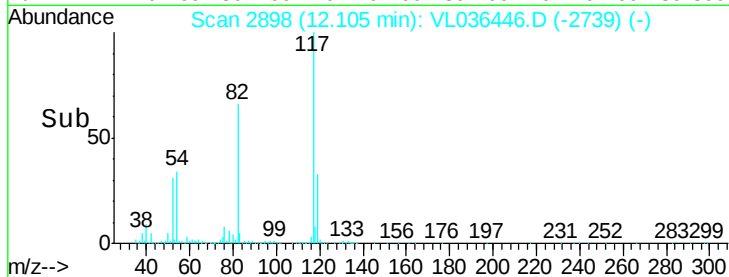
Supervised By :Mahesh Dadoda 03/04/2021



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: 8.418 ppbv

RT: 12.14 min Scan# 2910

Delta R.T. 0.01 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

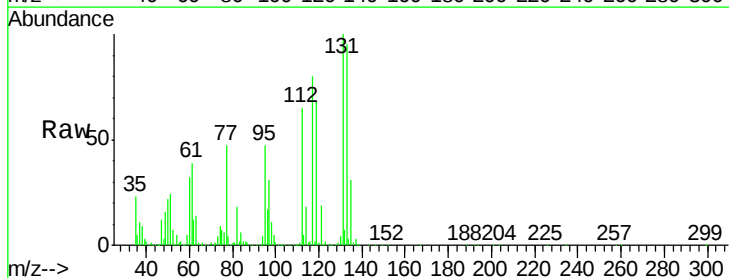
Tgt Ion:131 Resp: 1445876

Ion Ratio Lower Upper

131 100

133 96.1 76.4 114.6

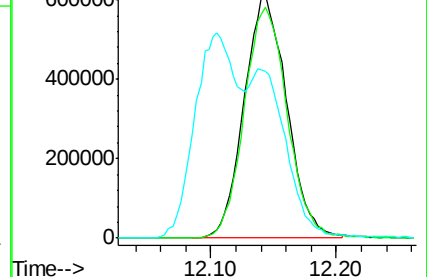
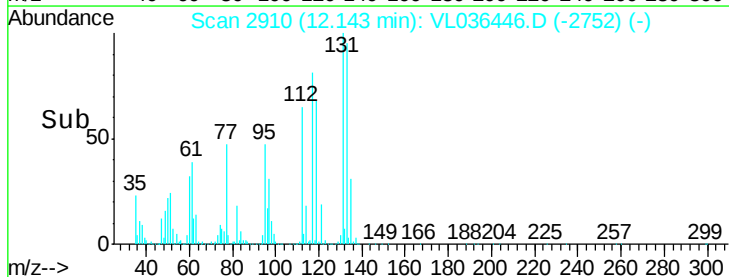
119 59.2 112.8 169.2#

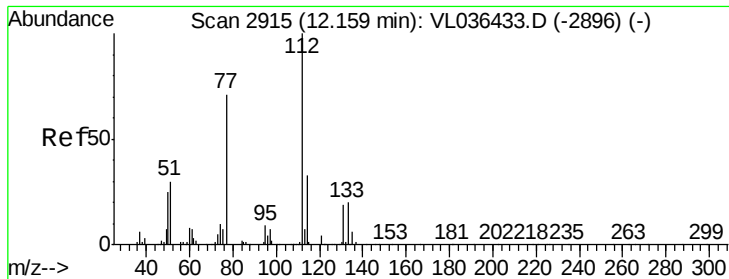


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 8.399 ppbv

RT: 12.17 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 19:52

Tot Ion:1

Ion Rati

112 100

77 69.

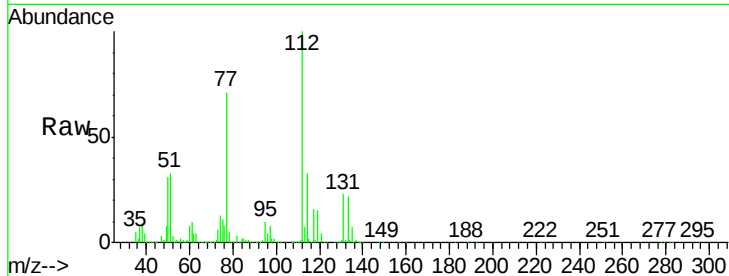
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

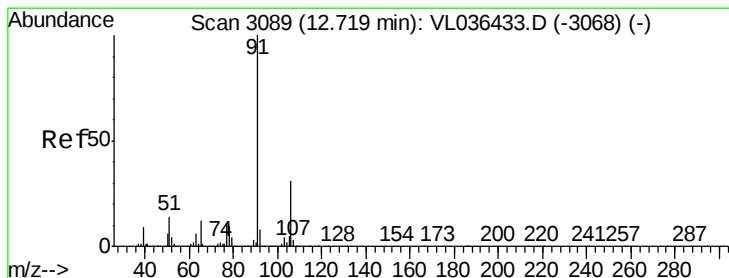
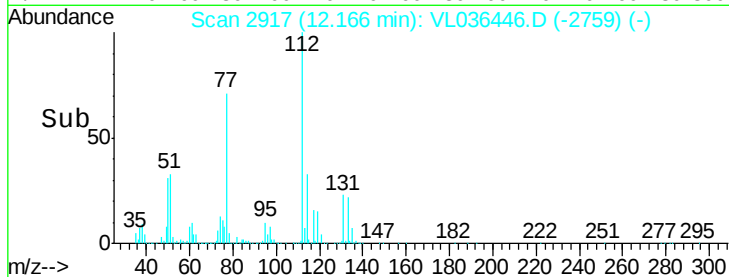
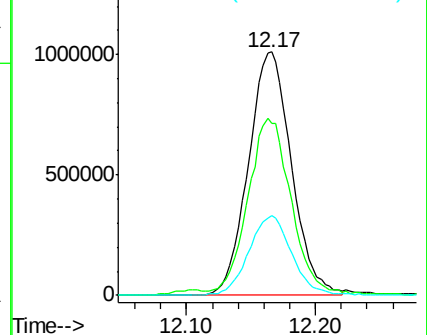
Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 9.061 ppbv

RT: 12.73 min Scan# 3092

Delta R.T. 0.01 min

Lab File: VL036446.D

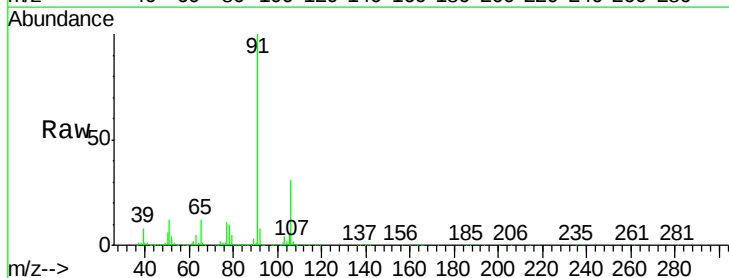
Acq: 3 Mar 2021 19:52

Tgt Ion: 91 Resp: 4363627

Ion Ratio Lower Upper

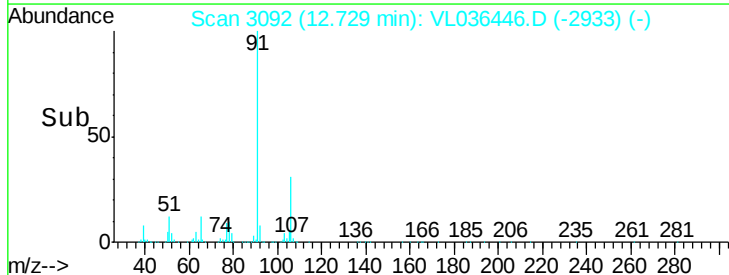
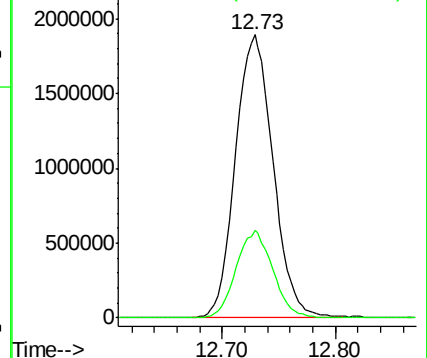
91 100

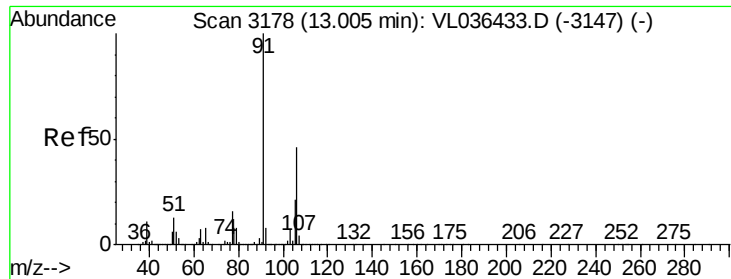
106 31.0 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



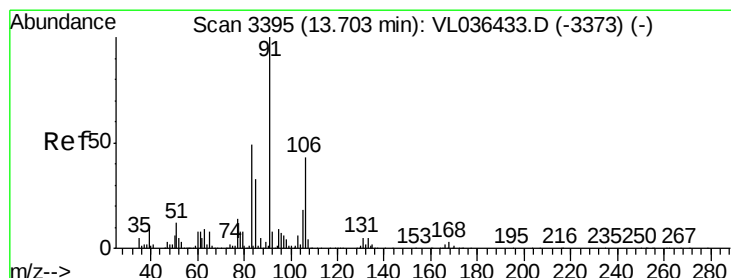
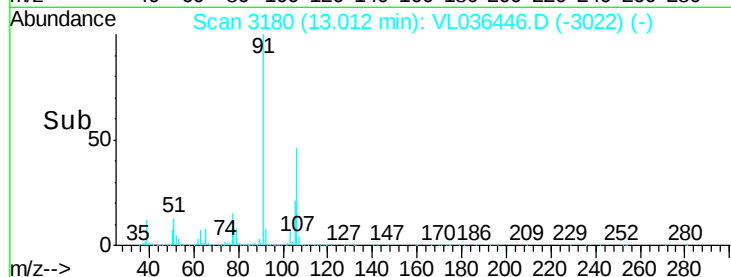
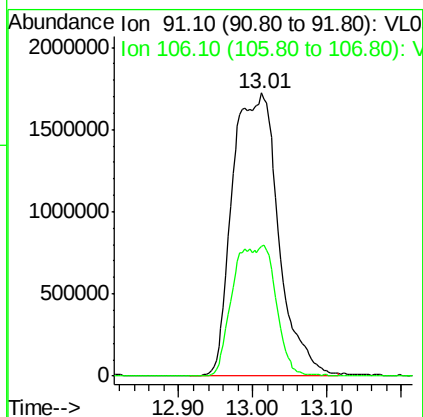
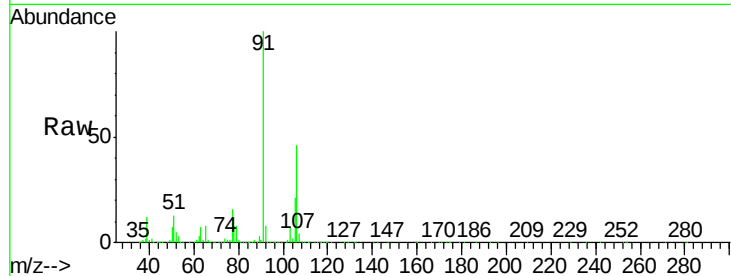


#59
m/p-Xylene
Concen: 17.395 ppbv m
RT: 13.01 min
Delta R.T. 0.01 min
Lab File: VSTDCCC010EC
Acq: 3 Mar 2021 19:52

Tot Ion:
Ion Ratio
91 100
106 43.

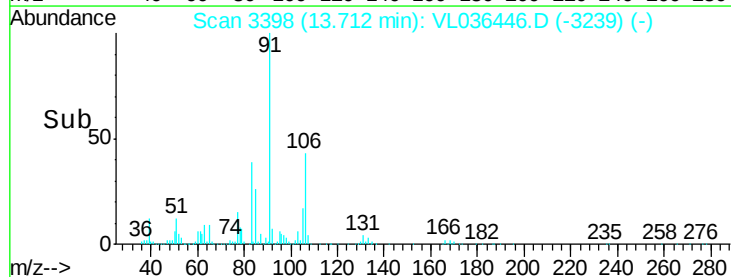
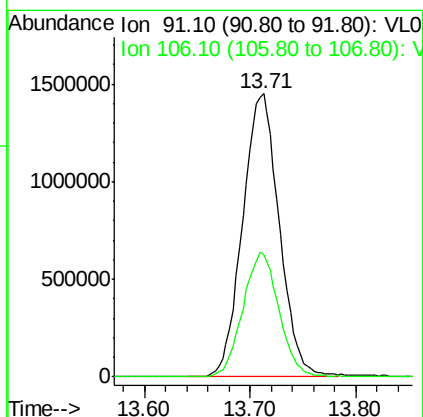
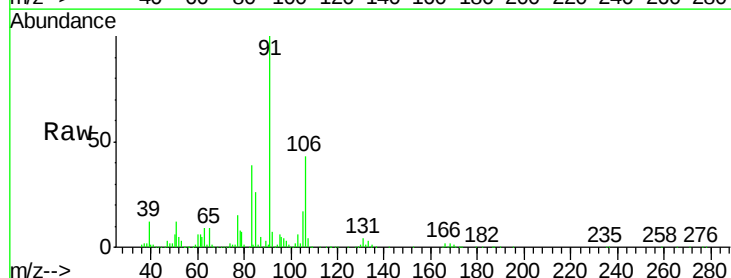
Manual Integrations
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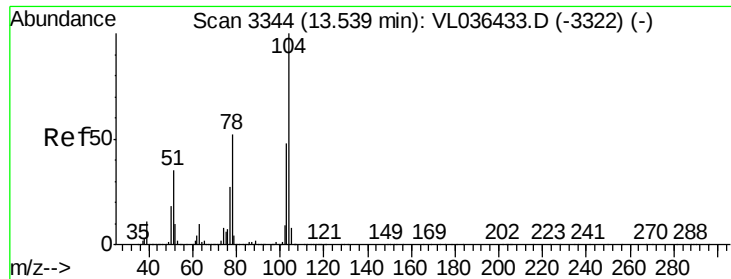
Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#60
o-Xylene
Concen: 8.558 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. 0.01 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 91 Resp: 3500628
Ion Ratio Lower Upper
91 100
106 43.4 21.9 65.8





#61

Stvrene

Concen: 9.870 ppbv

RT: 13.55

Delta R.T.

Lab File:

Acq: 3 Mar 2021 19:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021

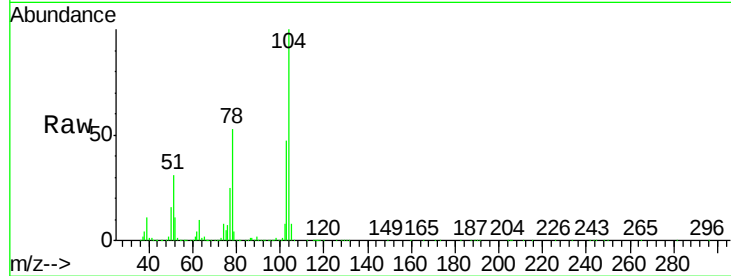
Tot Ion:1

Ion Rati

104 100

78 54.

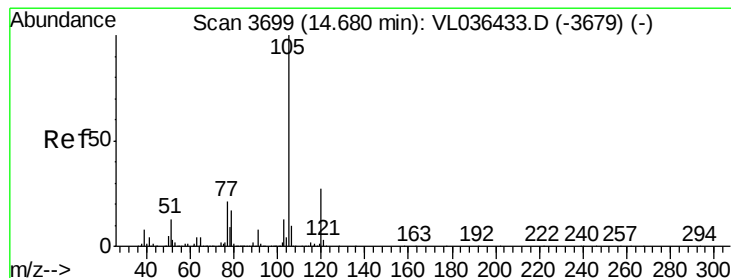
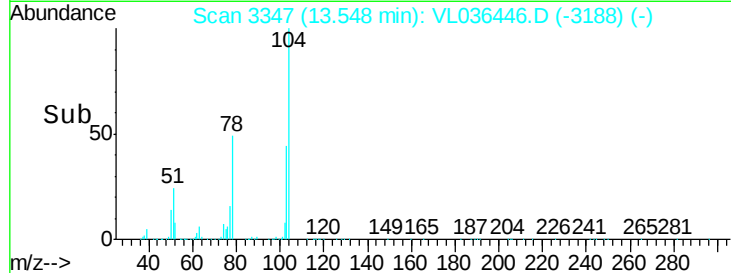
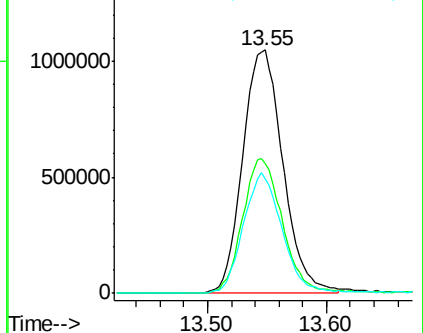
103 47.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.358 ppbv

RT: 14.69 min Scan# 3701

Delta R.T. 0.01 min

Lab File: VL036446.D

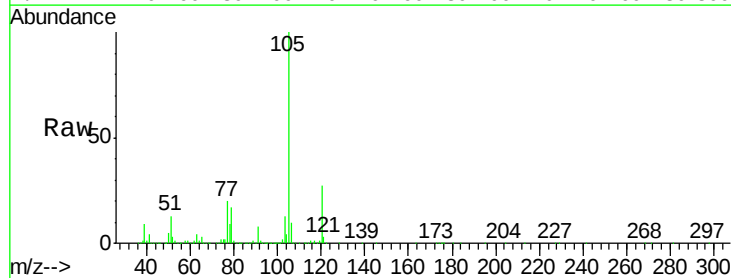
Acq: 3 Mar 2021 19:52

Tgt Ion:105 Resp: 5154670

Ion Ratio Lower Upper

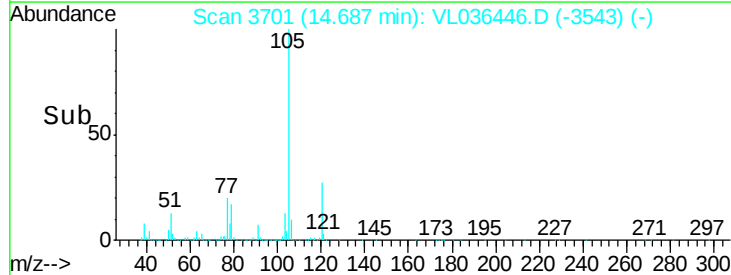
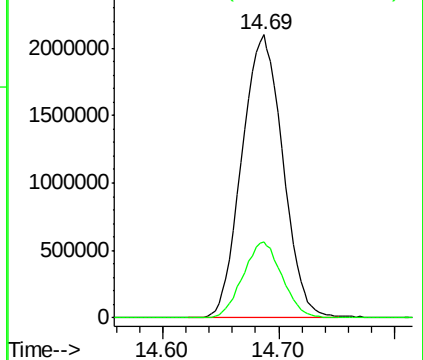
105 100

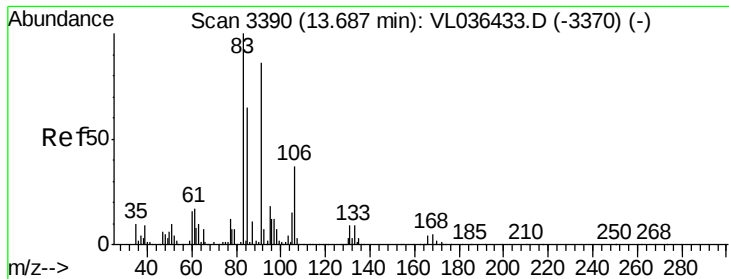
120 25.8 20.9 31.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.301 ppbv

RT: 13.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 19:52

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021

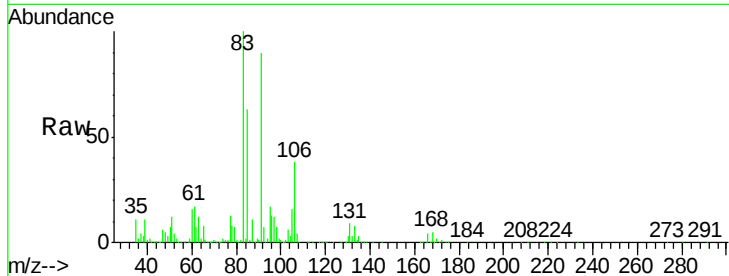
Tot Ion:

Ion Ratio

83 100

131 9.

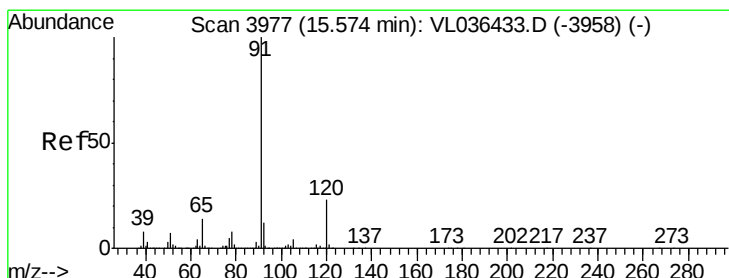
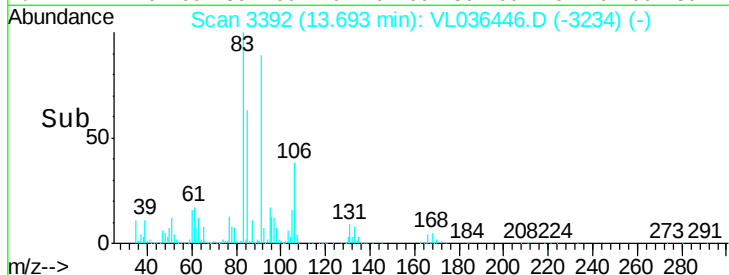
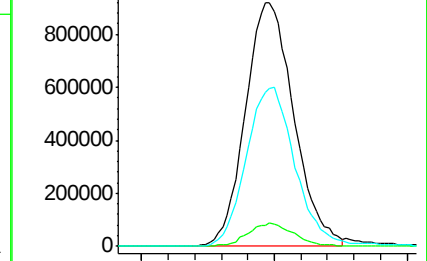
85 66.



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.647 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.01 min

Lab File: VL036446.D

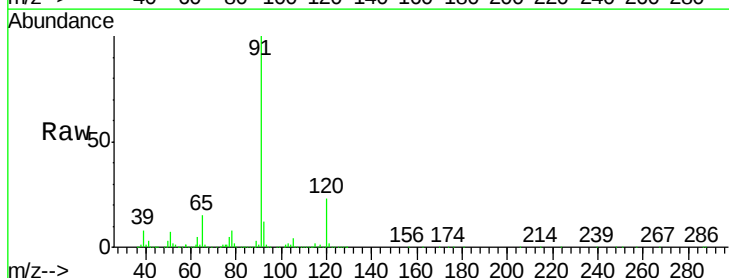
Acq: 3 Mar 2021 19:52

Tgt Ion:120 Resp: 1332133

Ion Ratio Lower Upper

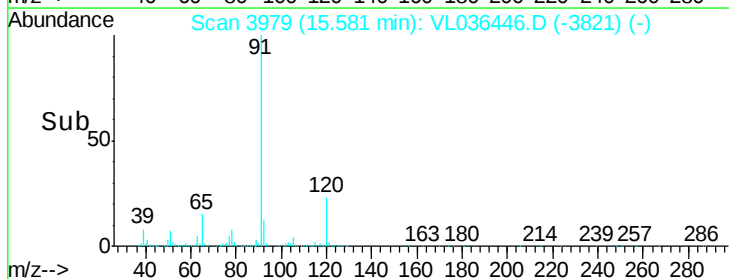
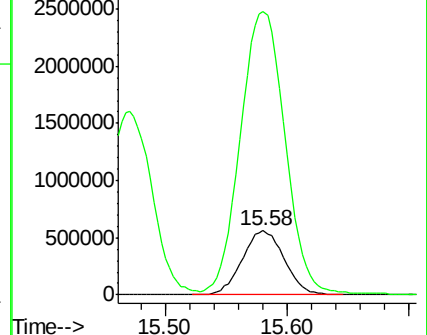
120 100

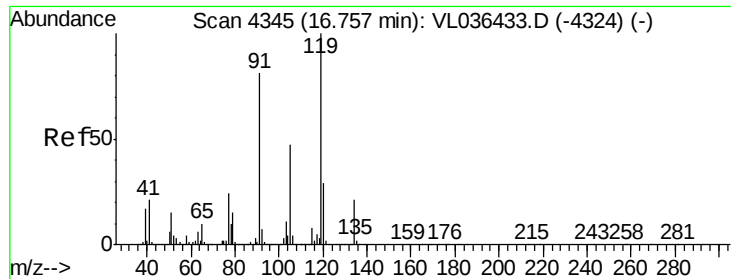
91 472.6 378.6 567.8



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



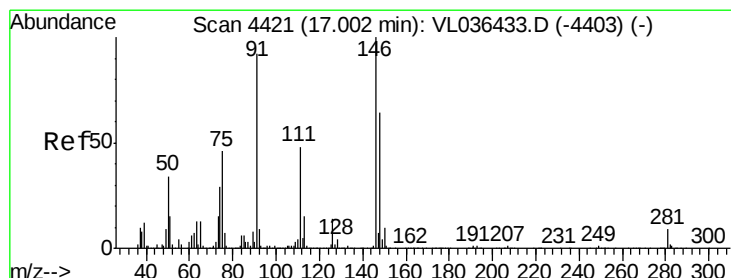
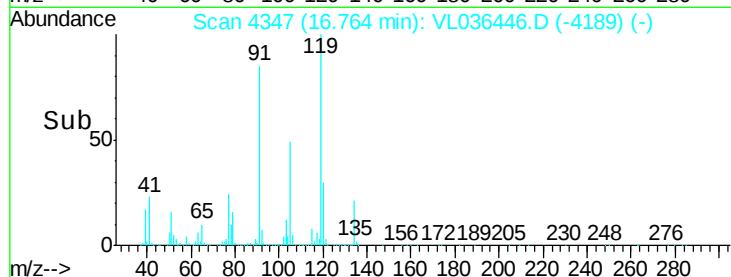
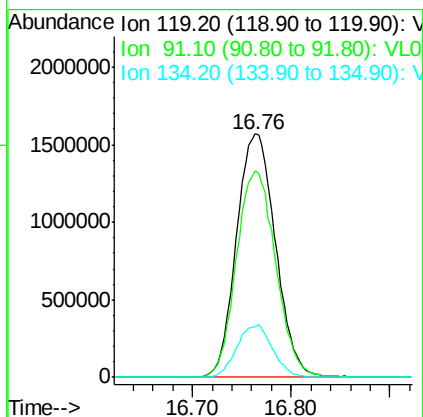
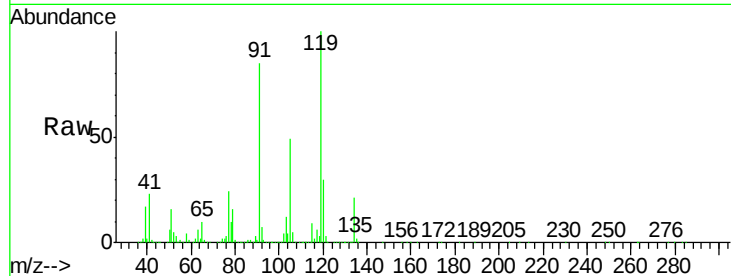


#65
tert-Butylbenzene
Concen: 8.001 ppbv
RT: 16.76 min
Delta R.T.: 0.00 min
Lab File: VSTDCCC010EC
Acq: 3 Mar 2021 19:52

Tot Ion: 1
Ion Ratio
119 100
91 86.
134 19.

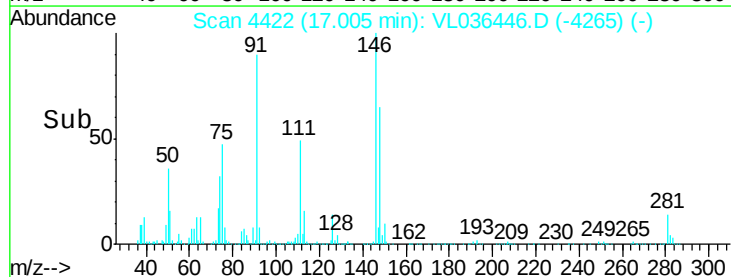
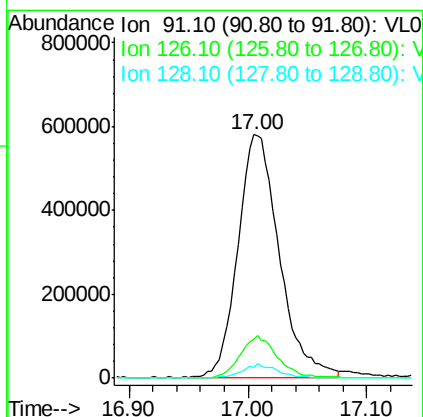
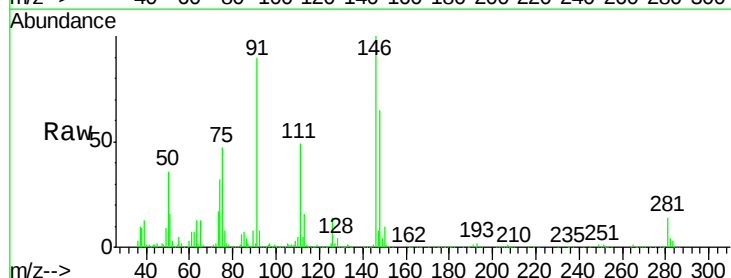
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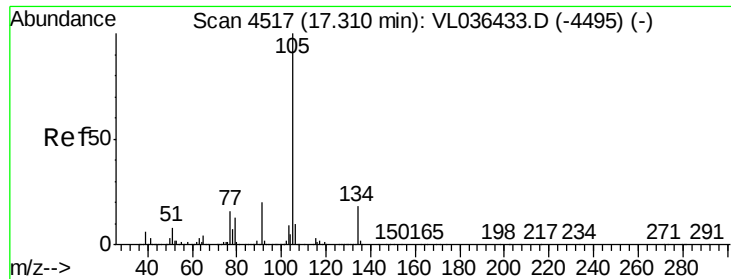
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#66
Benzyl Chloride
Concen: 9.251 ppbv
RT: 17.00 min Scan# 4422
Delta R.T.: 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 91 Resp: 1385820
Ion Ratio Lower Upper
91 100
126 16.2 12.9 19.3
128 5.2 4.0 6.0





#67

sec-Butylbenzene

Concen: 8.162 ppbv

RT: 17.31 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 19:52

Tot Ion:1

Ion Ratio

105 100

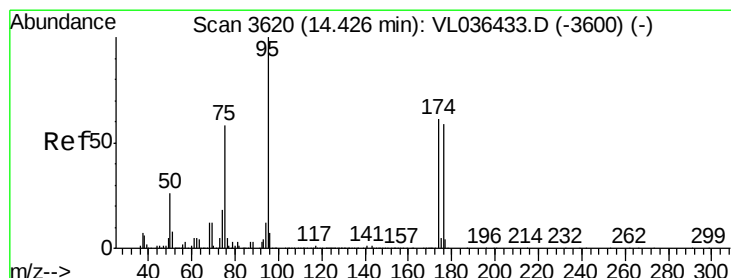
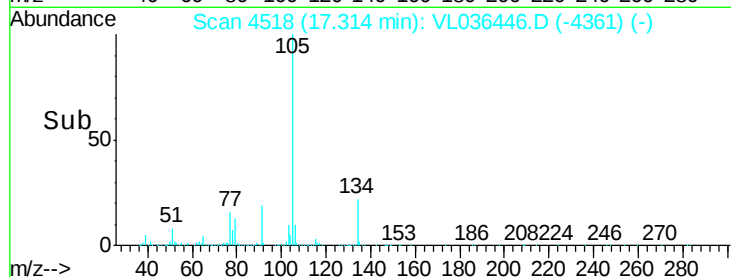
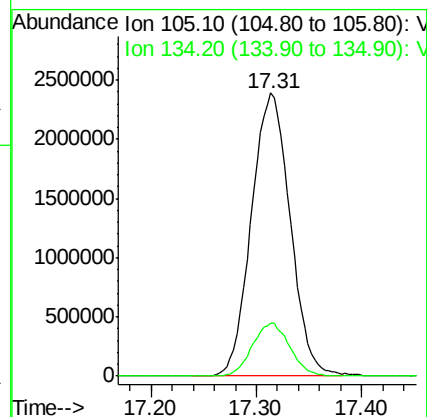
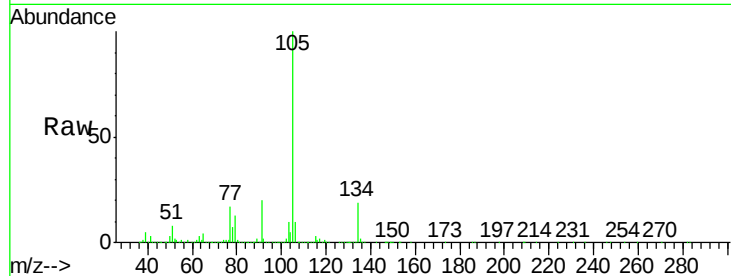
134 18.

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Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.115 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

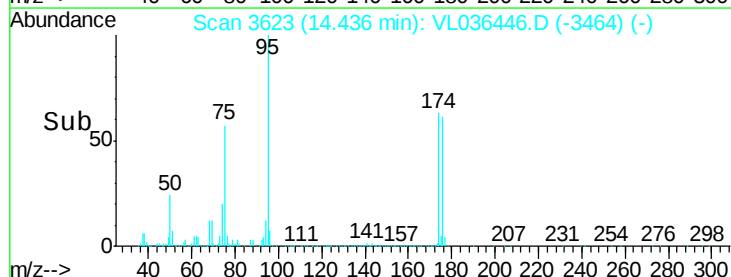
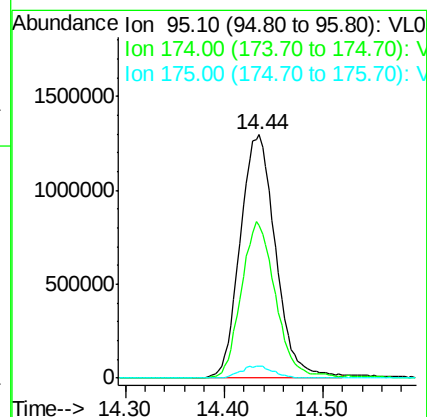
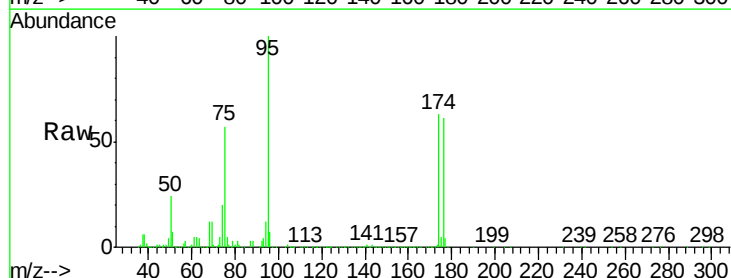
Tgt Ion: 95 Resp: 3223915

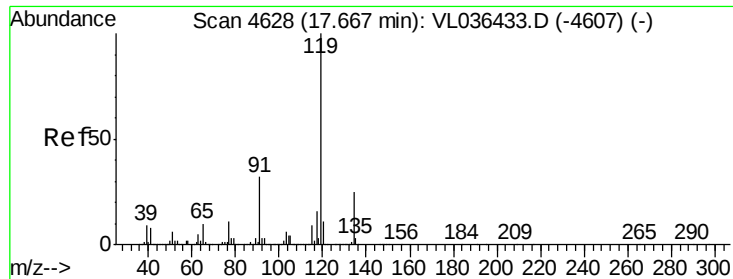
Ion Ratio Lower Upper

95 100

174 63.2 51.0 76.4

175 4.7 3.8 5.6



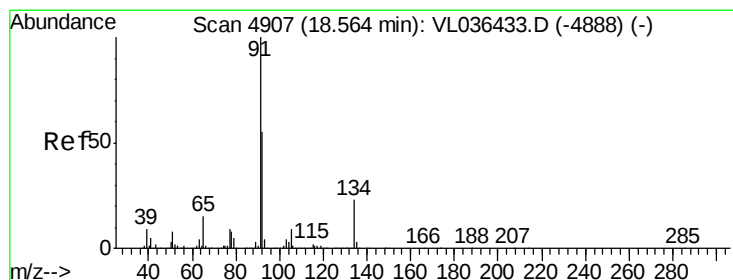
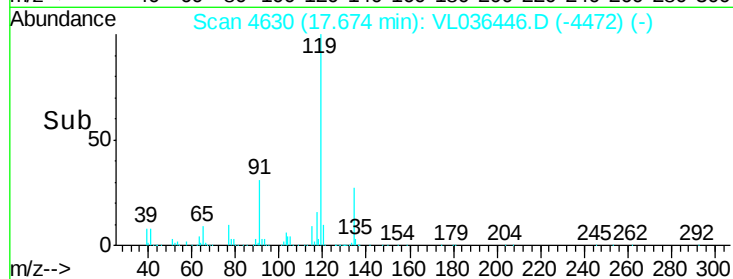
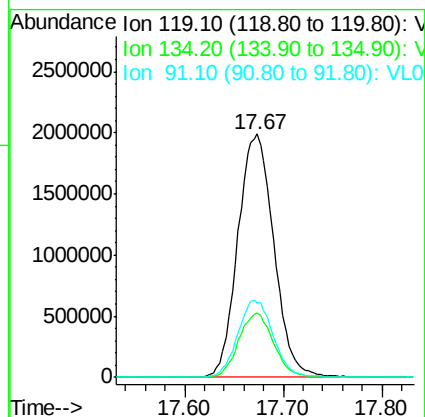
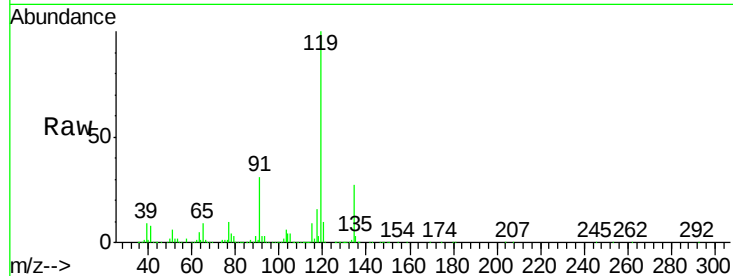


#69
 p-Isopropyltoluene
 Concen: 8.387 ppbv
 RT: 17.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 19:52

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

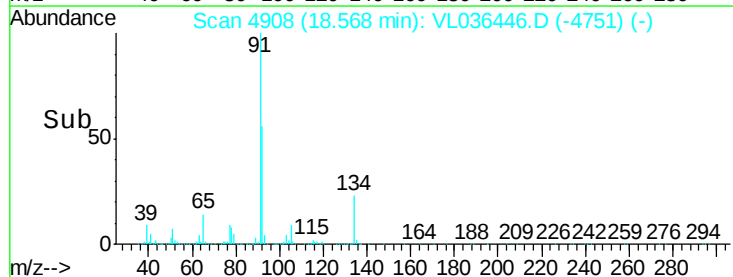
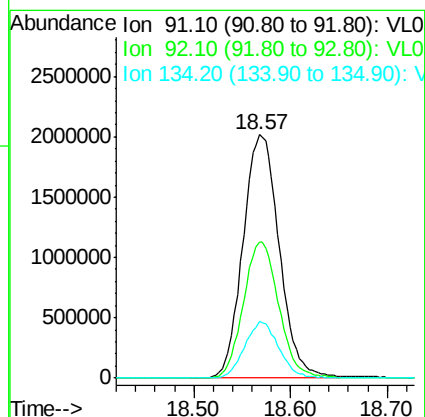
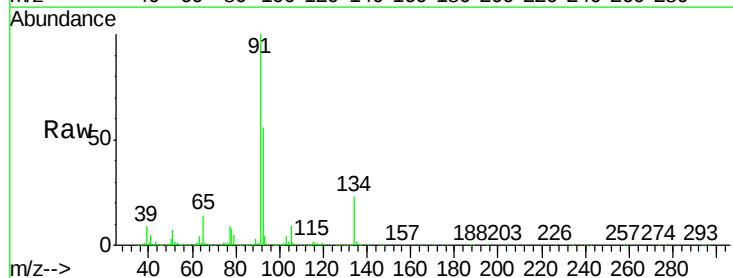
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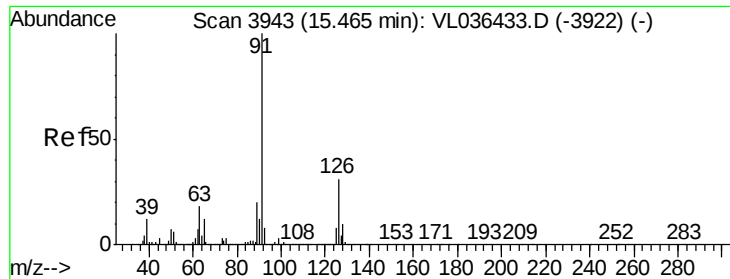
Reviewed By : Semsettin Yesilyurt 03/04/2021
 Supervised By : Mahesh Dadoda 03/04/2021



#70
 n-Butylbenzene
 Concen: 8.471 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T.: 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion: 91 Resp: 5249981
 Ion Ratio Lower Upper
 91 100
 92 54.9 44.1 66.1
 134 22.1 17.9 26.9



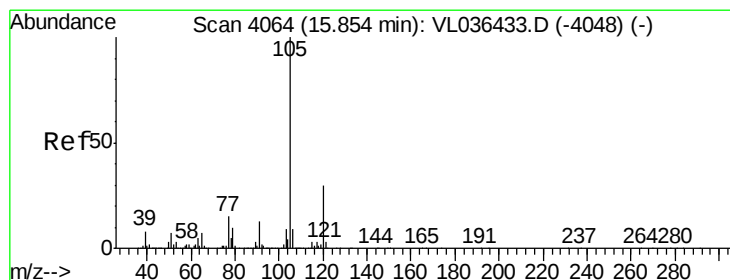
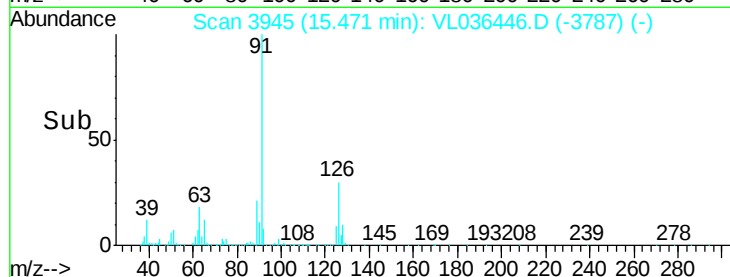
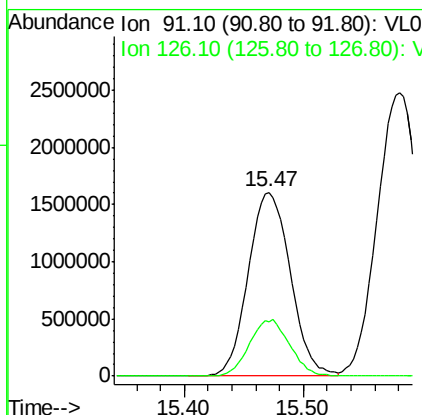
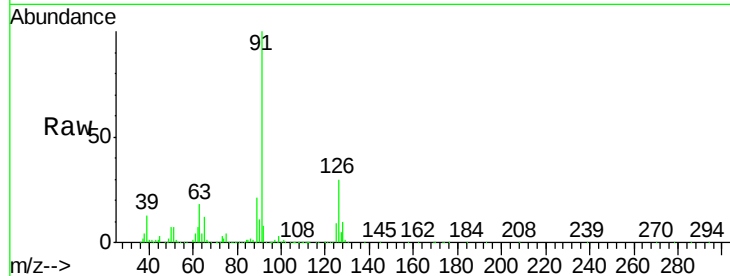


#71
 2-Chlorotoluene
 Concen: 8.502 ppbv
 RT: 15.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2021 19:52

Tot Ion:
 Ion Ratio
 91 100
 126 29.

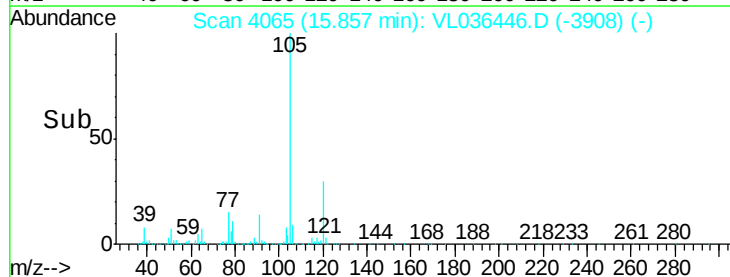
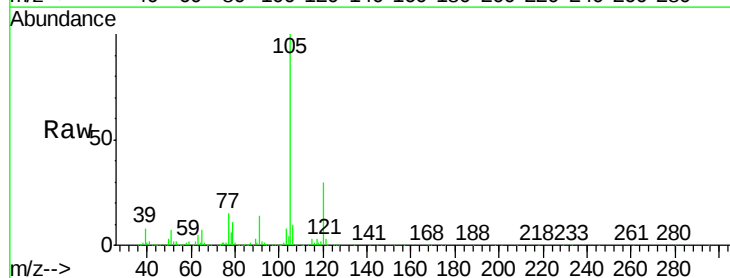
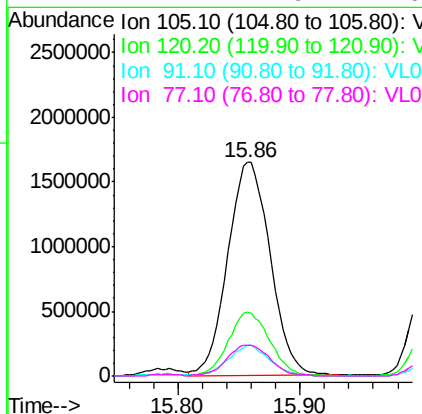
Manual Integrations
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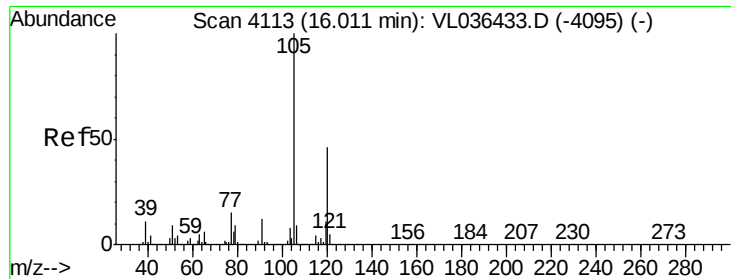
Reviewed By :Semsettin Yesilyurt 03/04/2021
 Supervised By :Mahesh Dadoda 03/04/2021



#72
 4-Ethyltoluene
 Concen: 8.910 ppbv
 RT: 15.86 min Scan# 4065
 Delta R.T. 0.00 min
 Lab File: VL036446.D
 Acq: 3 Mar 2021 19:52

Tgt Ion:105 Resp: 3958357
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.8 35.6
 91 13.9 10.9 16.3
 77 14.7 11.9 17.9





#73

1,3,5-Trimethylbenzene

Concen: 8.567 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:1

Ion Rati

105 100

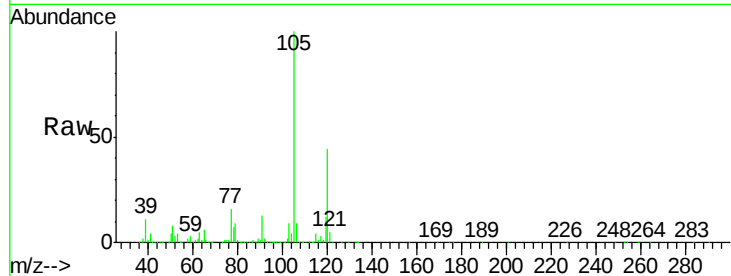
120 44.

Manual Integrations

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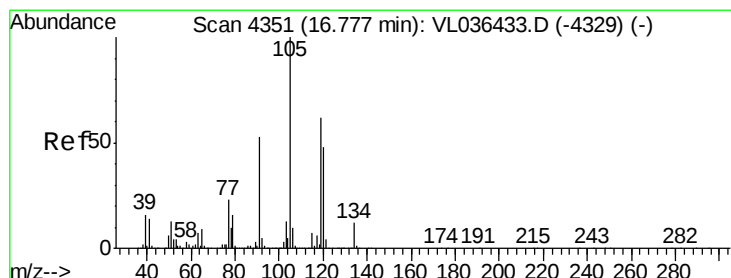
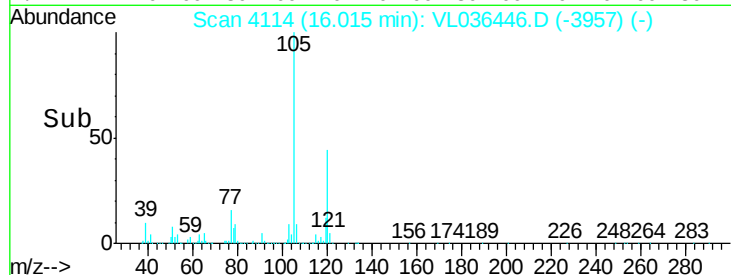
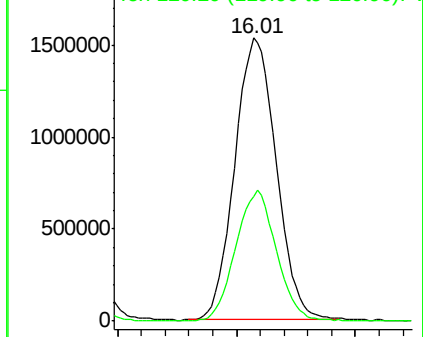
Reviewed By :Semsettin Yesilyurt 03/04/2021

Supervised By :Mahesh Dadoda 03/04/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 8.116 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.00 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

Tgt Ion:105 Resp: 3714137

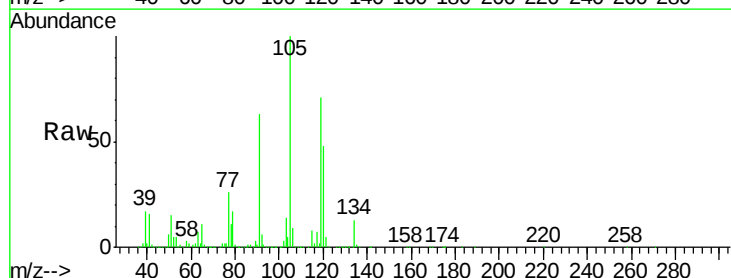
Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.4

91 62.3 42.6 63.8

77 25.5 18.6 28.0

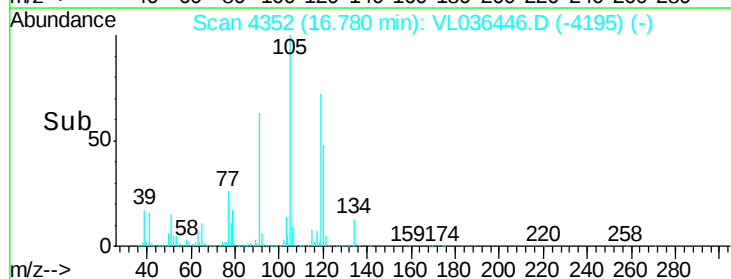
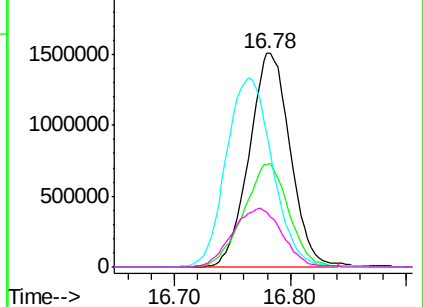


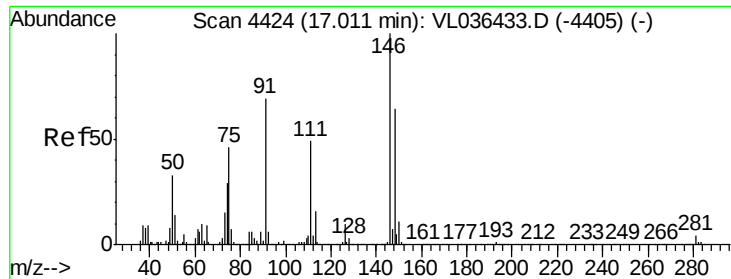
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 7.963 ppbv

RT: 17.01 min

Delta R.T. 0.01 min

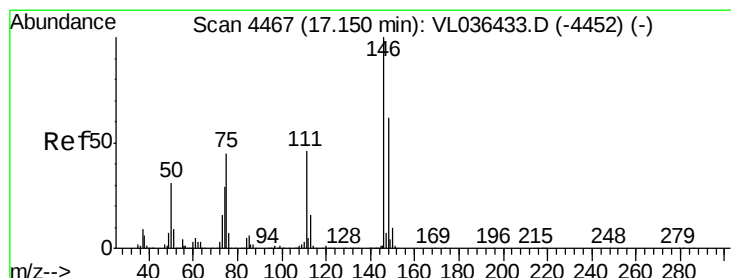
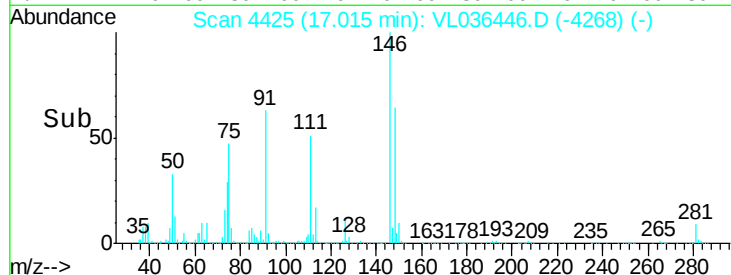
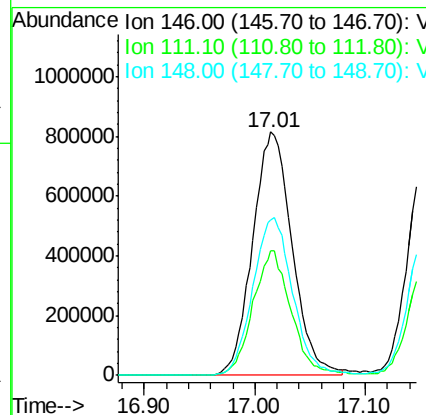
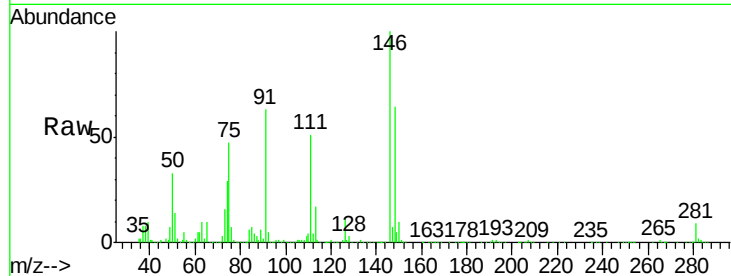
Lab File: VSTDCCC010EC

Acq: 3 Mar 2021 19:52

Tot Ion: 1
Ion Ratio
146 100
111 49.1
148 65.1

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Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#76

1,4-Dichlorobenzene

Concen: 7.859 ppbv

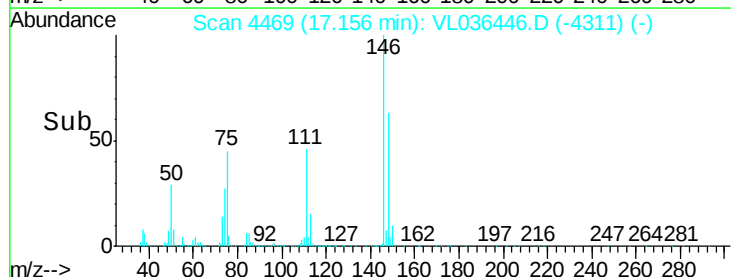
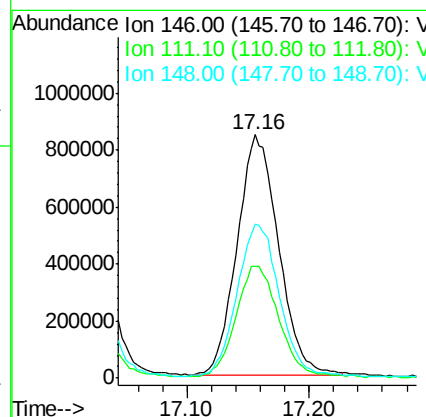
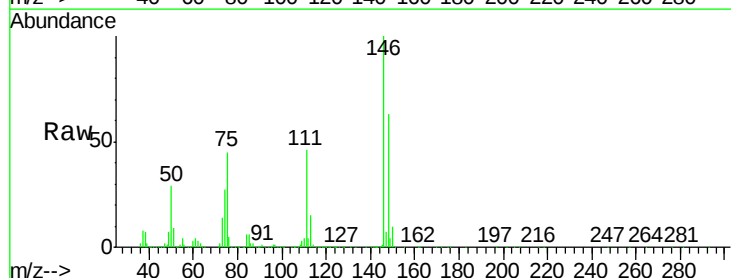
RT: 17.16 min Scan# 4469

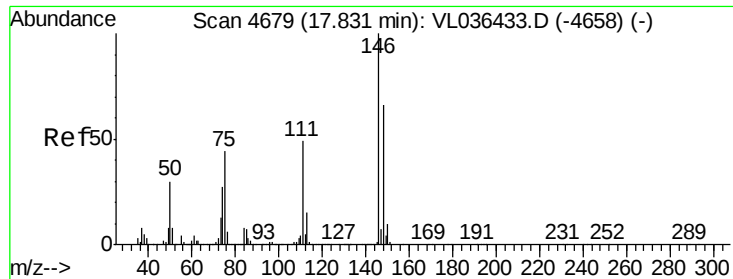
Delta R.T. 0.01 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

Tgt Ion: 146 Resp: 1995912
Ion Ratio Lower Upper
146 100
111 48.9 24.5 73.5
148 66.4 33.1 99.2





#77

1,2-Dichlorobenzene

Concen: 8.001 ppbv

RT: 17.84

Delta R.T. MSVOA_L

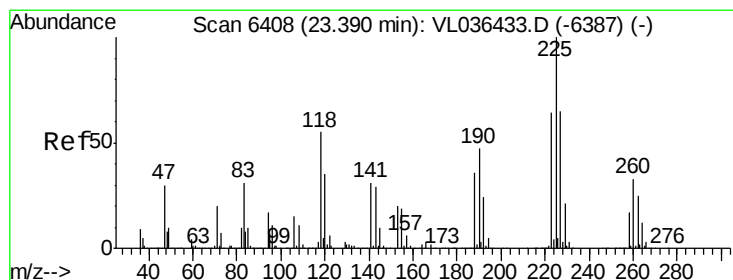
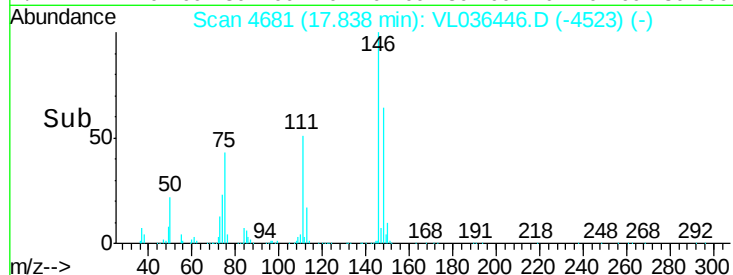
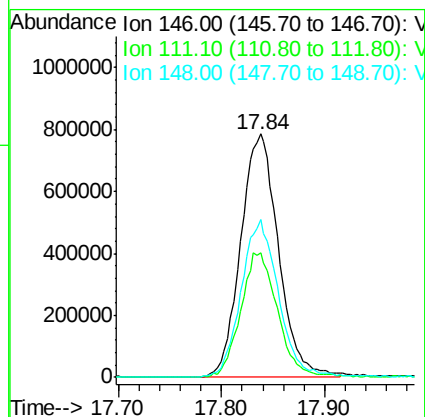
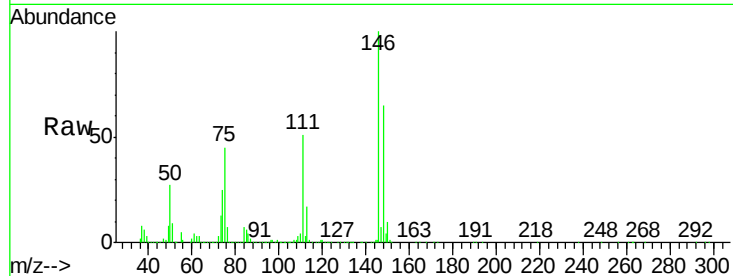
Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52

Tot Ion:1
Ion Rati
146 100
111 50.
148 64.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/04/2021
Supervised By :Mahesh Dadoda 03/04/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.824 ppbv

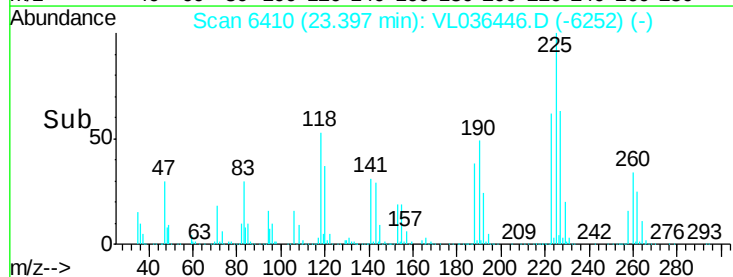
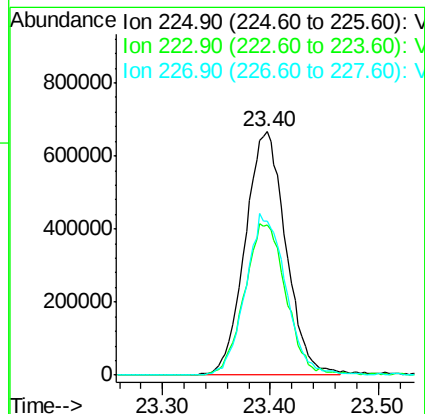
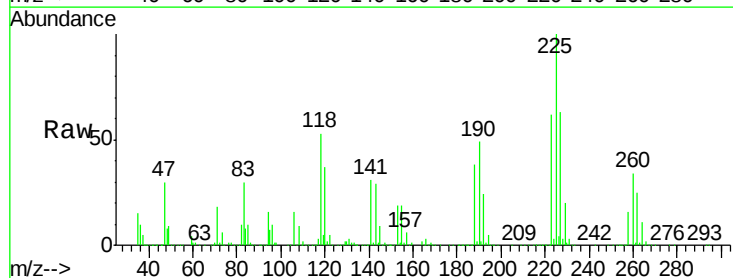
RT: 23.40 min Scan# 6410

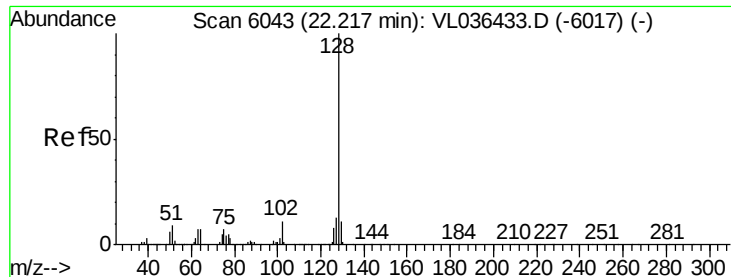
Delta R.T. 0.01 min

Lab File: VL036446.D

Acq: 3 Mar 2021 19:52

Tgt Ion:225 Resp: 1747228
Ion Ratio Lower Upper
225 100
223 63.8 51.8 77.8
227 65.6 53.0 79.6



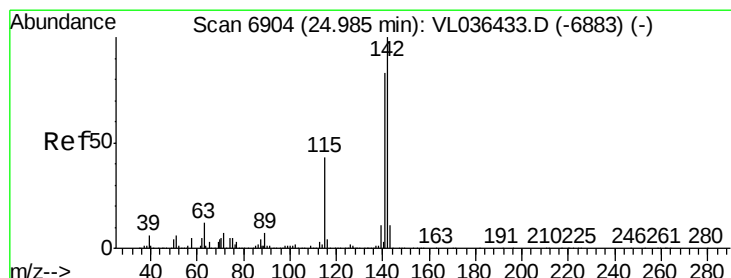
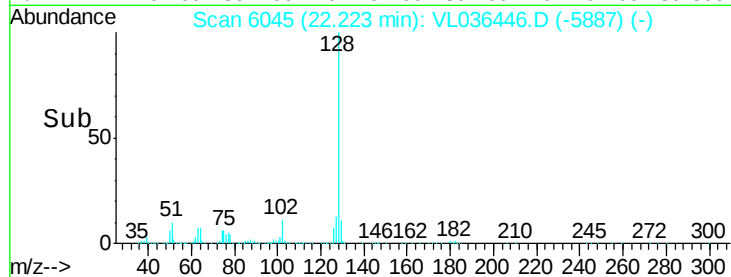
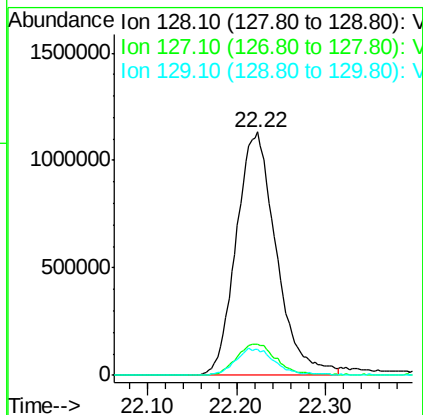
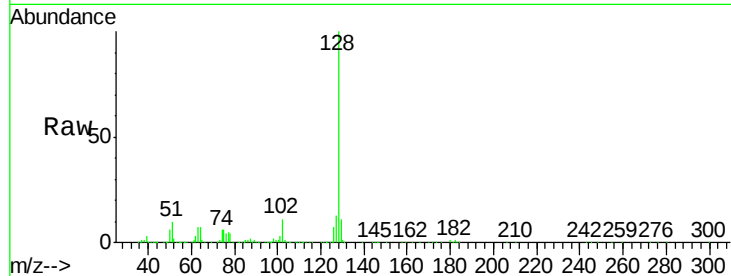


#79
Naphthalene
Concen: 13.168 ppbv
RT: 22.22 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 3 Mar 2021 19:52

Tot Ion: 1
Ion Ratio
128 100
127 13.
129 10.

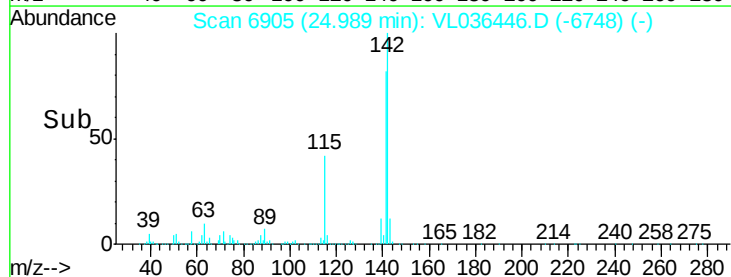
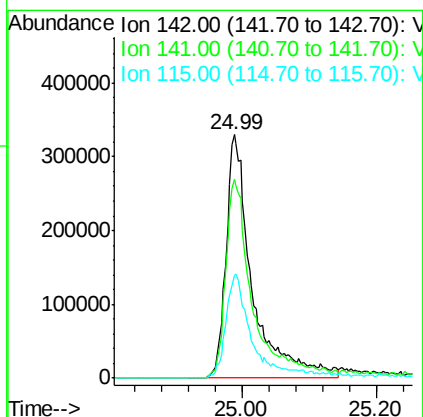
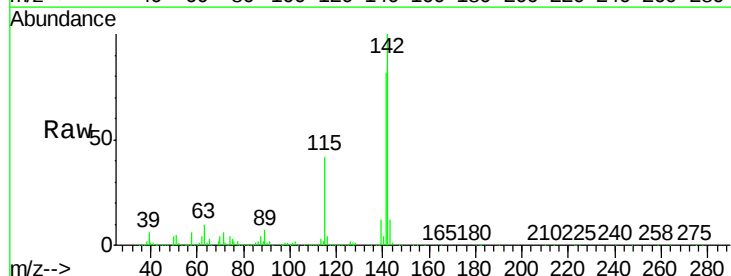
Manual Integrations
APPROVED

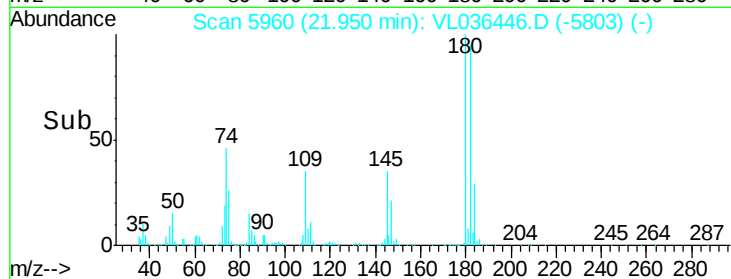
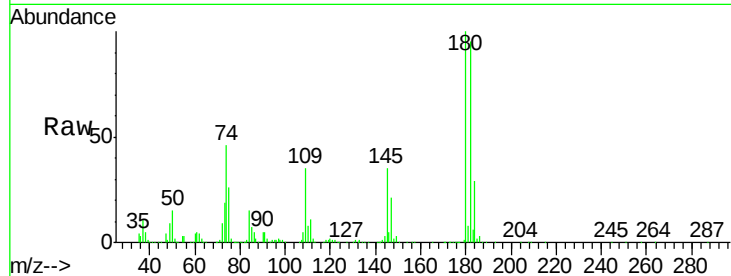
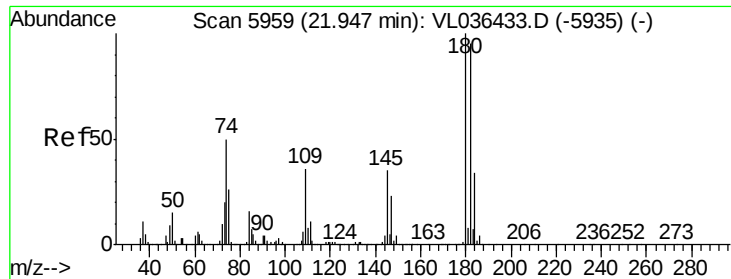
Reviewed By : Semsettin Yesilyurt 03/04/2021
Supervised By : Mahesh Dadoda 03/04/2021



#80
Naphthalene, 2-methyl-
Concen: 15.538 ppbv
RT: 24.99 min Scan# 6905
Delta R.T.: 0.00 min
Lab File: VL036446.D
Acq: 3 Mar 2021 19:52

Tgt Ion: 142 Resp: 900636
Ion Ratio Lower Upper
142 100
141 84.1 69.0 103.6
115 43.4 32.4 48.6





#81

1,2,4-Trichlorobenzene

Concen: 11.364 ppbv

RT: 21.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2021 19:52 VSTDCCC010EC

Tot Ion:1

Ion Rati

180 100

182 102.

184 32.

Manual Integrations

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