

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037855.D
 Acq On : 18 Oct 2021 16:19
 Operator : SY/AP
 Sample : VL1018ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1018ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 21 12:14:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1368731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4049696	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3683322m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2549462	9.90	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1531576m	7.005	ppbv
3) Chlorodifluoromethane	3.00	51	2540533	9.660	ppbv 99
4) Chloromethane	3.15	50	953490	9.899	ppbv 96
5) Vinyl Chloride	3.27	62	961769	10.892	ppbv 96
6) Bromomethane	3.48	94	478613	10.020	ppbv 99
7) Chloroethane	3.57	64	331698	10.216	ppbv 95
8) Dichlorotetrafluoroethane	3.20	85	2161458	10.003	ppbv 98
9) Propene	3.02	41	916377	9.470	ppbv 99
10) Heptane	8.13	43	2314084	10.530	ppbv 100
11) Trichlorofluoromethane	3.96	101	2022979	10.371	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1512264	10.232	ppbv 100
13) Ethanol	3.62	45	85386	10.790	ppbv 84
14) Bromoethene	3.74	108	695366	10.701	ppbv 94
15) Acetone	3.86	43	1125352	9.159	ppbv 99
16) 1,3-Butadiene	3.33	39	933239	10.439	ppbv 99
17) tert-Butyl alcohol	4.29	59	1281927	10.130	ppbv 99
18) 1,1-Dichloroethene	4.30	96	675705	10.060	ppbv 95
19) Isopropyl Alcohol	3.97	45	744678	9.742	ppbv # 94
20) Methylene Chloride	4.35	84	574627	9.256	ppbv 93
21) Allyl Chloride	4.42	41	1087775	9.993	ppbv 97
22) trans-1,2-Dichloroethene	4.89	96	699512	10.359	ppbv 99
23) Vinyl Acetate	5.08	43	1921763	10.437	ppbv 99
24) 1,1-Dichloroethane	5.02	63	1411035	10.527	ppbv 98
25) Ethyl Acetate	5.68	43	3529711	10.237	ppbv 99
26) Hexane	5.70	57	1706343	10.051	ppbv 99
27) Carbon Disulfide	4.56	76	1718568	11.422	ppbv 100
28) Methyl tert-Butyl Ether	5.04	73	1395204	9.870	ppbv 99
29) Chloroform	5.76	83	2446554	10.081	ppbv 99
30) Cyclohexane	7.14	84	1434316	9.963	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1588986	10.310	ppbv 98
32) 1,1,1-Trichloroethane	6.52	97	2346504	10.199	ppbv 99
34) 2-Butanone	5.25	43	1564559	9.570	ppbv 98
35) Carbon Tetrachloride	7.03	117	2425901	10.548	ppbv 97
36) Benzene	6.90	78	3539028	10.231	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1675597	10.288	ppbv 99
38) Trichloroethene	7.84	130	1392508	10.190	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1344679	10.335	ppbv 96
40) 1,4-Dioxane	7.84	88	322239	9.898	ppbv # 100
41) Tetrahydrofuran	6.06	42	807797	10.090	ppbv 99
42) Bromodichloromethane	7.80	83	2528281	10.568	ppbv 98
43) Methyl Methacrylate	8.02	69	1261146	11.163	ppbv 98

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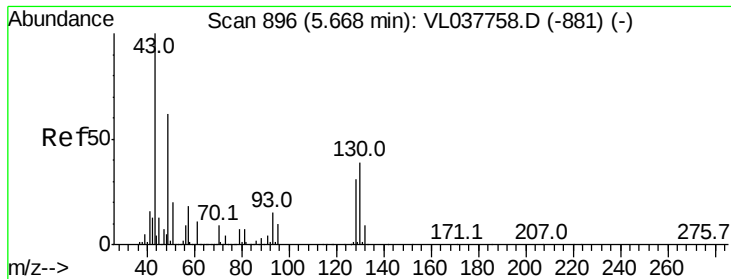
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5862467	10.088	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	971014	12.491	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	1305477	12.116	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	1429984	10.110	ppbv	98
48) Dibromochloromethane	10.31	129	2226425	11.042	ppbv	99
49) Bromoform	13.05	173	1826297	11.838	ppbv	98
50) 4-Methyl-2-Pentanone	8.75	43	2320450	10.903	ppbv	100
51) 2-Hexanone	10.14	43	1065061	11.210	ppbv #	98
52) Tetrachloroethene	11.23	164	1272007	9.452	ppbv	95
53) Toluene	9.82	91	4100962	10.698	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2003226	10.485	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1555866	10.204	ppbv	95
57) Chlorobenzene	12.15	112	2981493	9.867	ppbv	99
58) Ethyl Benzene	12.72	91	5130711	10.374	ppbv	99
59) m/p-Xylene	13.00	91	8482465m	19.980	ppbv	
60) o-Xylene	13.70	91	4033361	9.913	ppbv	99
61) Styrene	13.53	104	2234472	11.354	ppbv	100
62) Isopropylbenzene	14.67	105	5675030	10.000	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2946688	9.385	ppbv	99
64) n-propylbenzene	15.57	120	1503410	10.623	ppbv	99
65) tert-Butylbenzene	16.75	119	4984717	9.981	ppbv	100
66) Benzyl Chloride	16.99	91	268982	10.913	ppbv #	100
67) sec-Butylbenzene	17.30	105	6937437	10.157	ppbv	99
69) p-Isopropyltoluene	17.66	119	5737910	10.391	ppbv	100
70) n-Butylbenzene	18.55	91	5533806	10.549	ppbv	99
71) 2-Chlorotoluene	15.46	91	4132685	10.312	ppbv	100
72) 4-Ethyltoluene	15.84	105	4875971	10.554	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4384592	10.448	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	4545055	10.314	ppbv #	92
75) 1,3-Dichlorobenzene	17.00	146	2734733	10.016	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2627741	10.089	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2629201	10.025	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1830826	8.549	ppbv	99
79) Naphthalene	22.20	128	2930638	10.859	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	633296	8.739	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	1810088m	10.486	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

49 100

128 54.

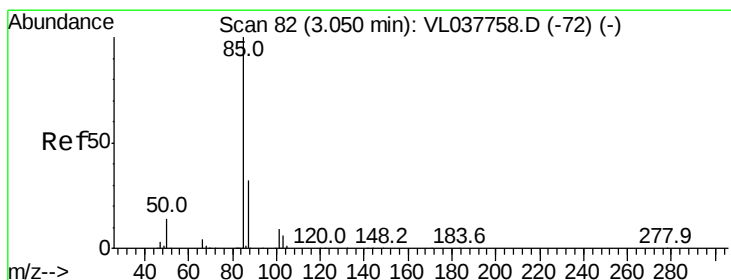
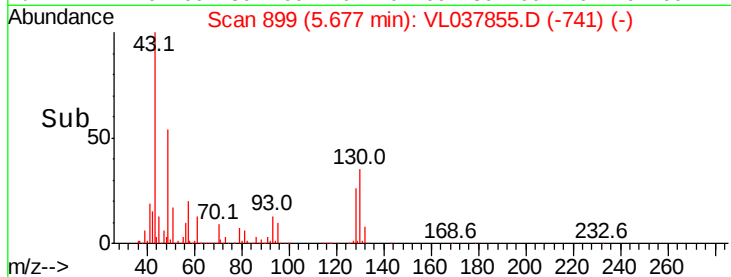
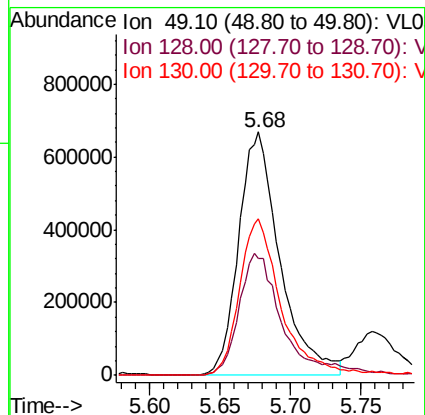
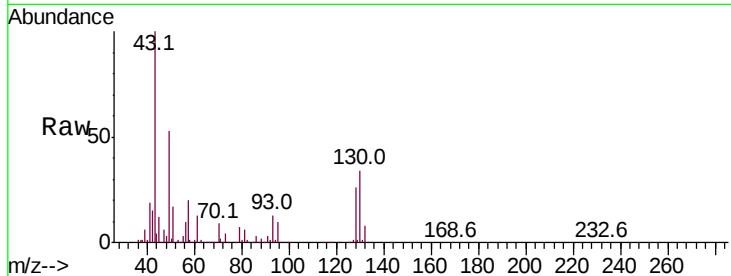
130 65.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 7.005 ppbv m

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL037855.D

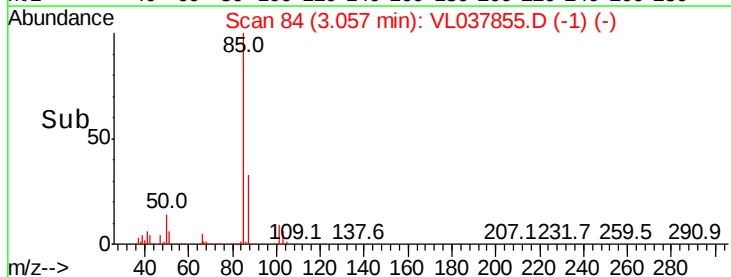
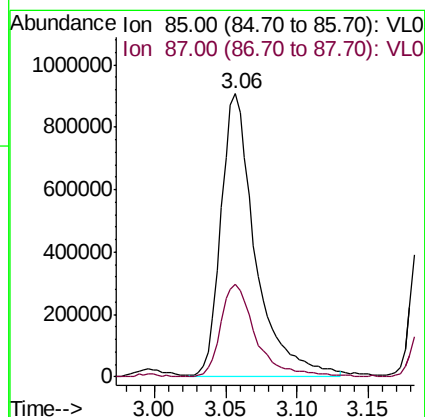
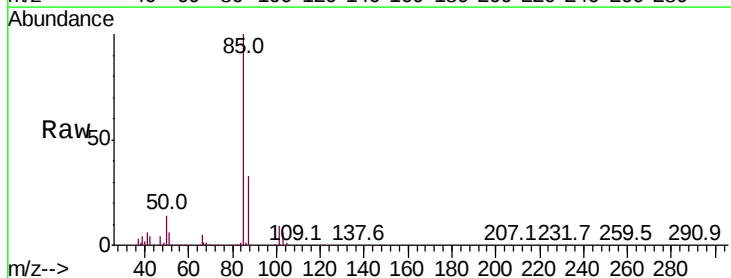
Acq: 18 Oct 2021 16:19

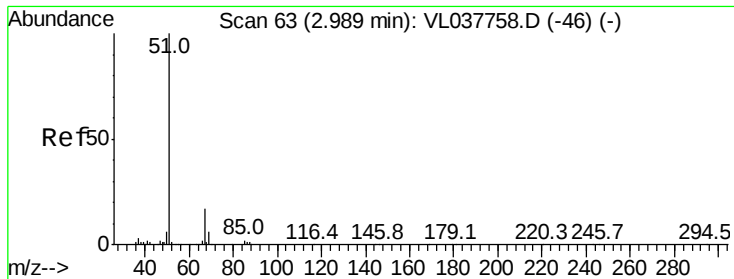
Tgt Ion: 85 Resp: 1531576

Ion Ratio Lower Upper

85 100

87 32.9 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.660 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19 VL1018ABS01

Tot Ion:

Ion Ratio

51 100

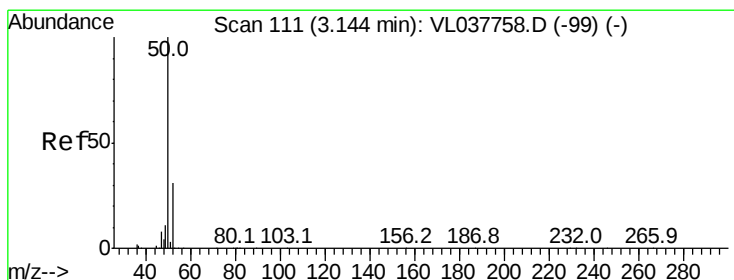
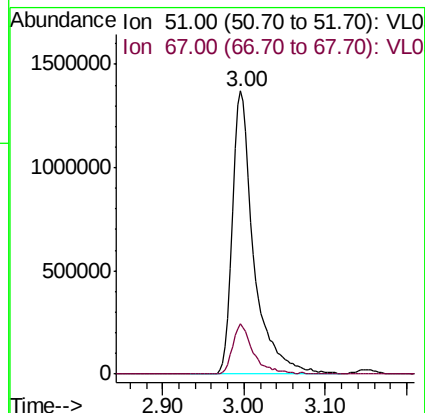
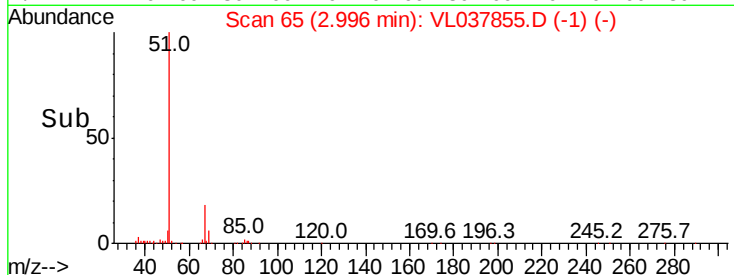
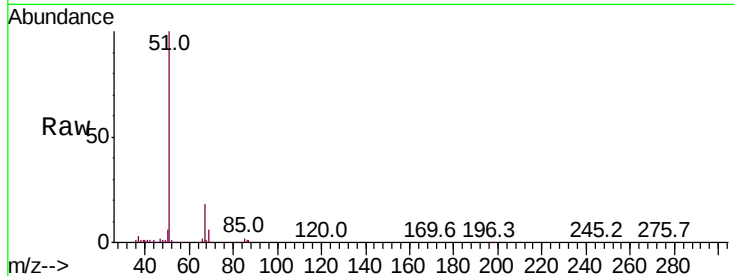
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#4

Chloromethane

Concen: 9.899 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037855.D

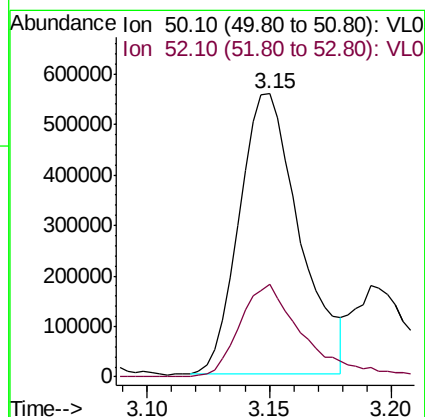
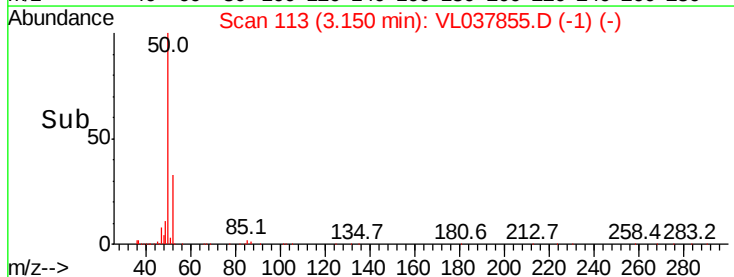
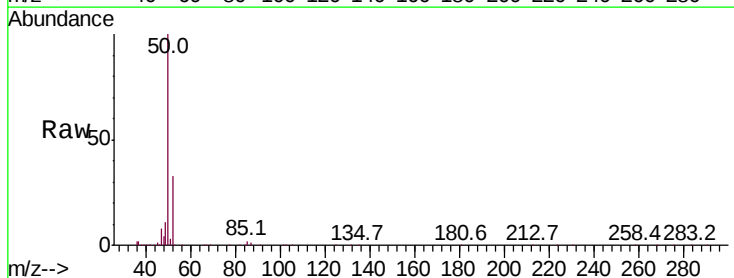
Acq: 18 Oct 2021 16:19

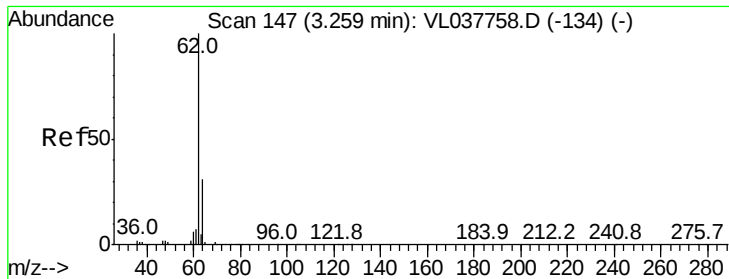
Tgt Ion: 50 Resp: 953490

Ion Ratio Lower Upper

50 100

52 32.7 24.4 36.6





#5

Vinyl Chloride

Concen: 10.892 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

62 100

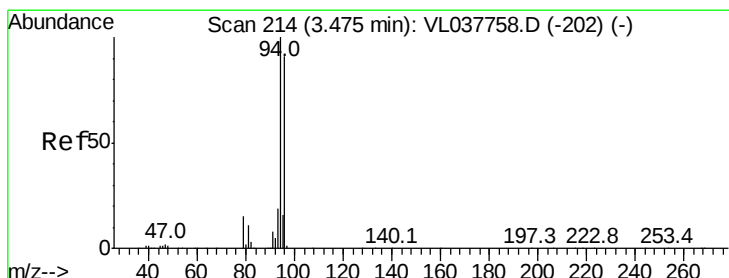
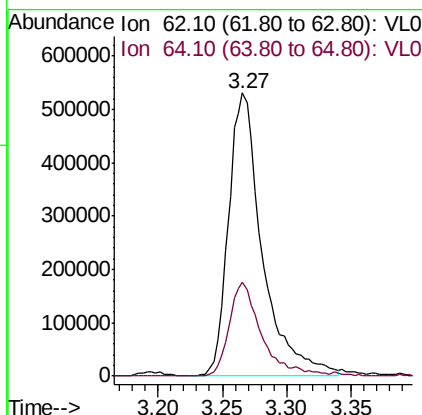
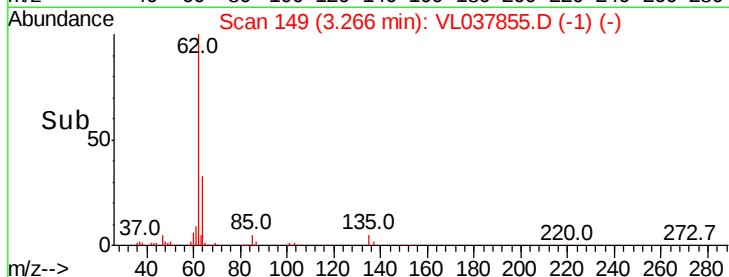
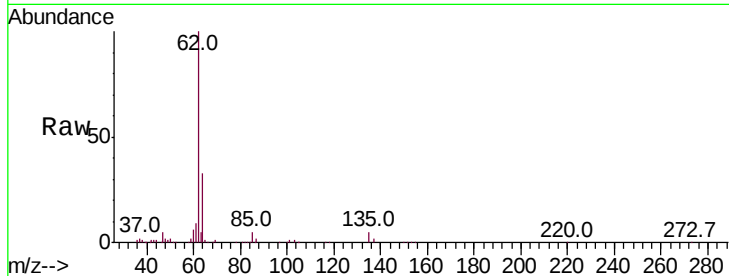
64 33.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 10.020 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037855.D

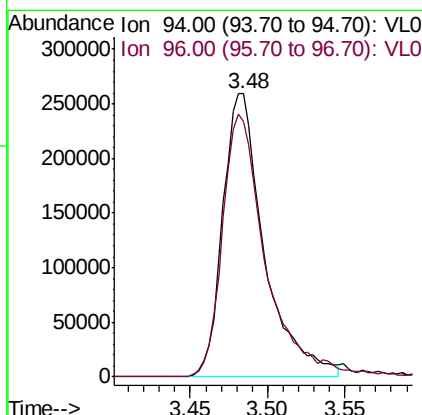
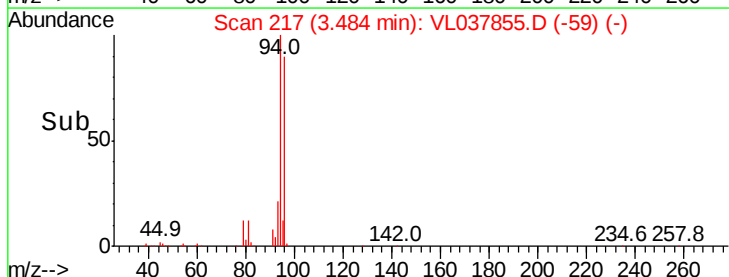
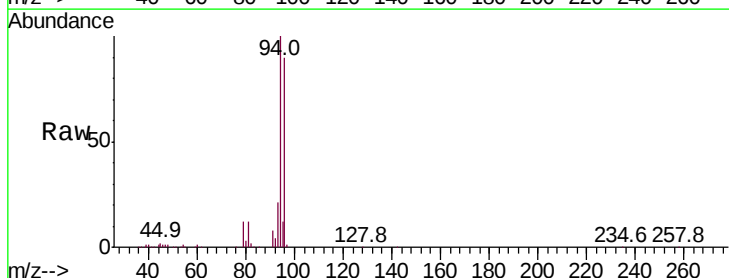
Acq: 18 Oct 2021 16:19

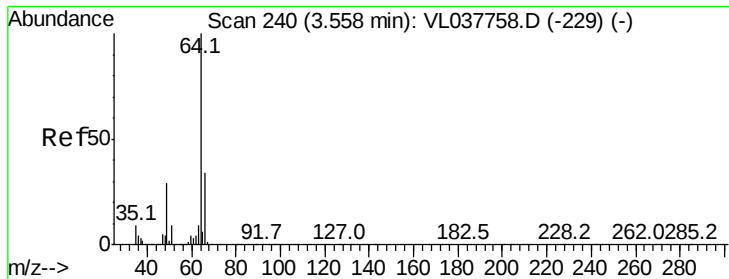
Tgt Ion: 94 Resp: 478613

Ion Ratio Lower Upper

94 100

96 90.1 72.5 108.7





#7

Chloroethane

Concen: 10.216 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19 VL1018ABS01

Tot Ion:

Ion Ratio

64 100

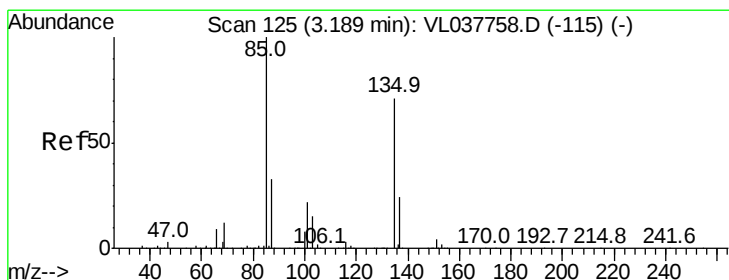
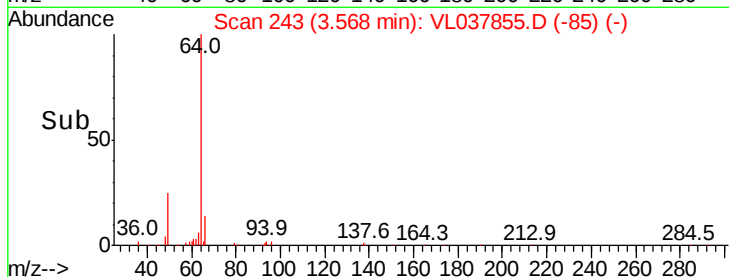
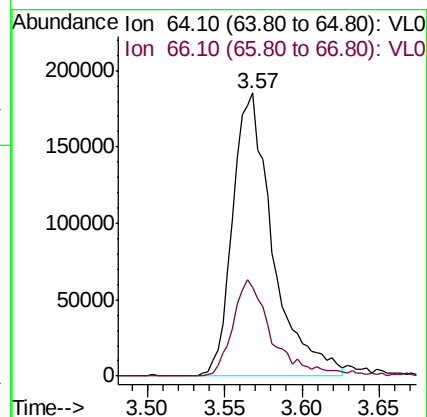
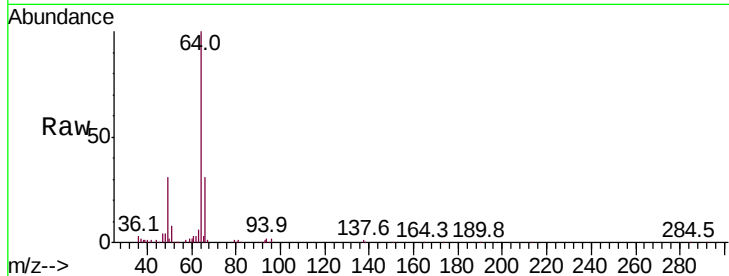
66 31.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 10.003 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL037855.D

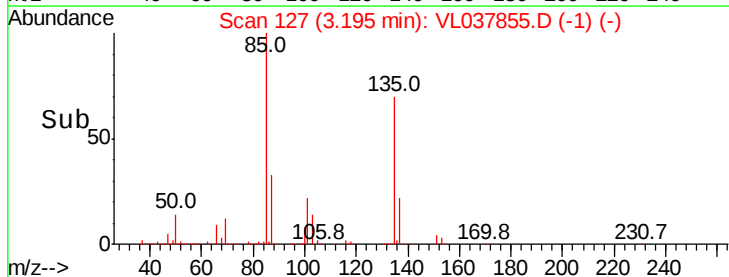
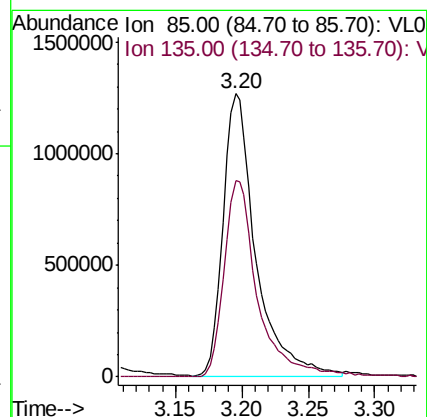
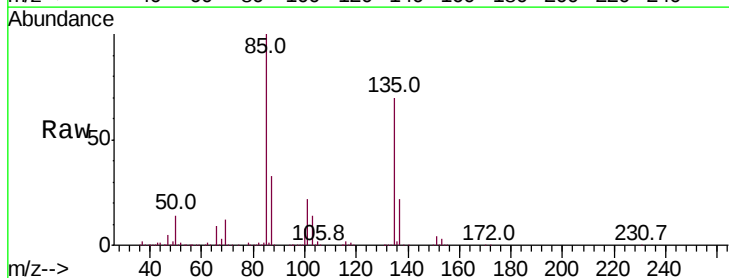
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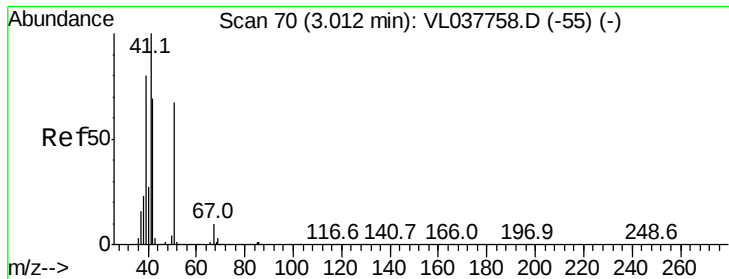
Tgt Ion: 85 Resp: 2161458

Ion Ratio Lower Upper

85 100

135 72.4 59.5 89.3





#9

Propene

Concen: 9.470 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

41 100

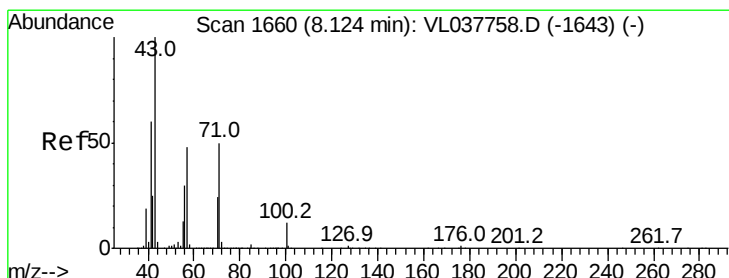
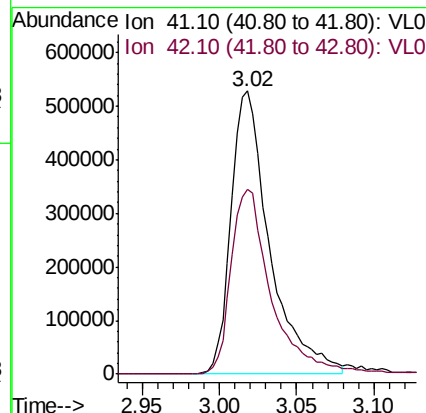
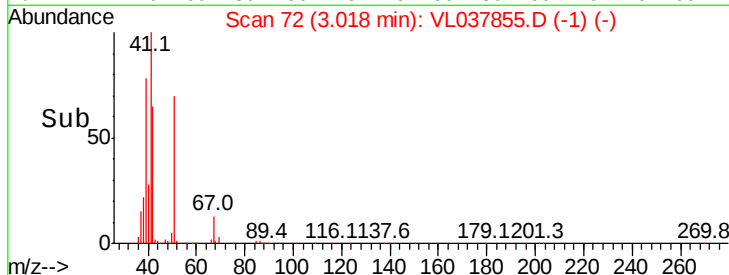
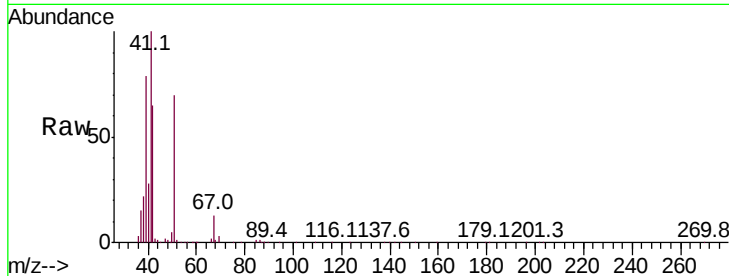
42 68.

Manual Integrations

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#10

Heptane

Concen: 10.530 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL037855.D

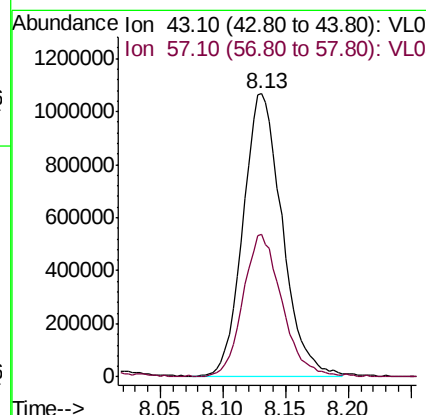
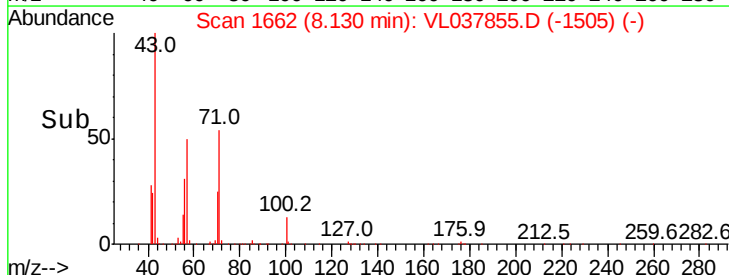
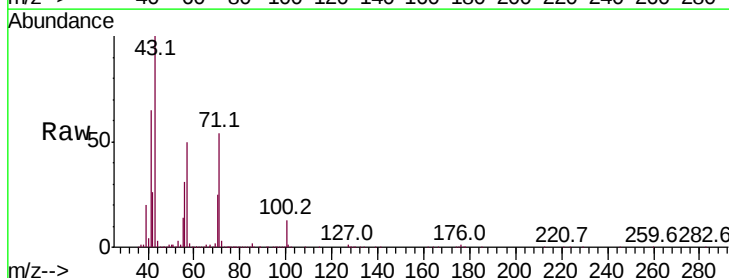
Acq: 18 Oct 2021 16:19

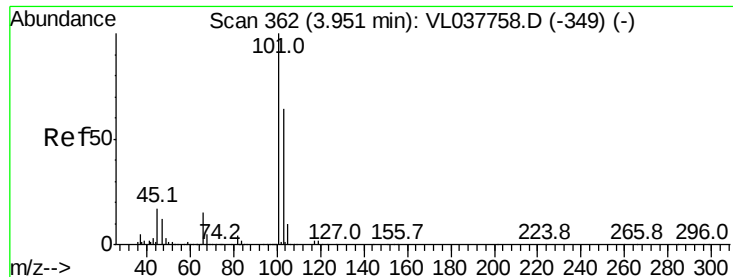
Tgt Ion: 43 Resp: 2314084

Ion Ratio Lower Upper

43 100

57 50.3 40.0 60.0





#11

Trichlorofluoromethane

Concen: 10.371 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:1

Ion Ratio

101 100

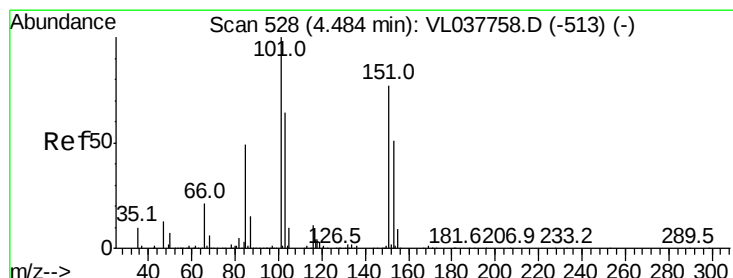
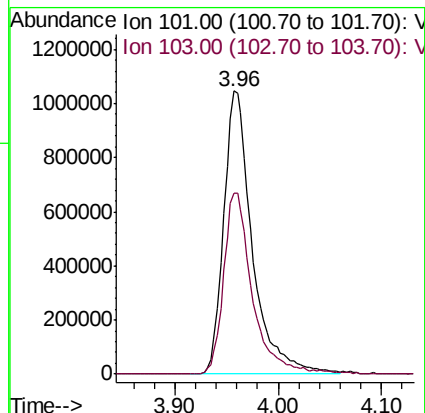
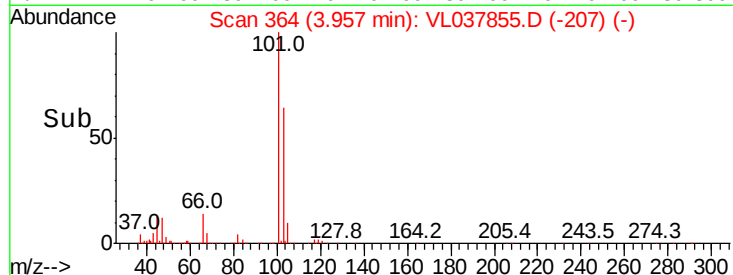
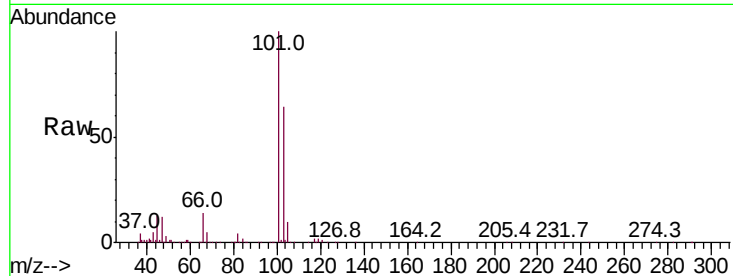
103 64.

Manual Integrations

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.232 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.01 min

Lab File: VL037855.D

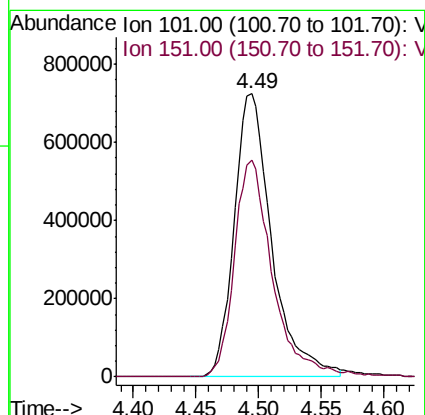
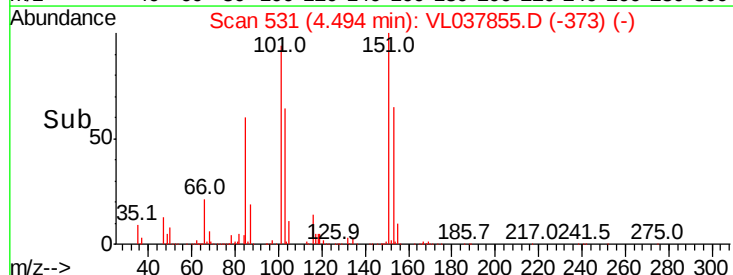
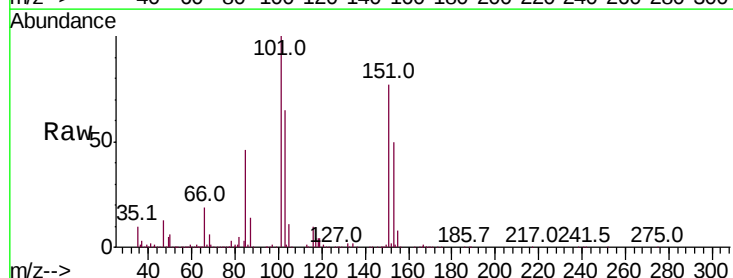
Acq: 18 Oct 2021 16:19

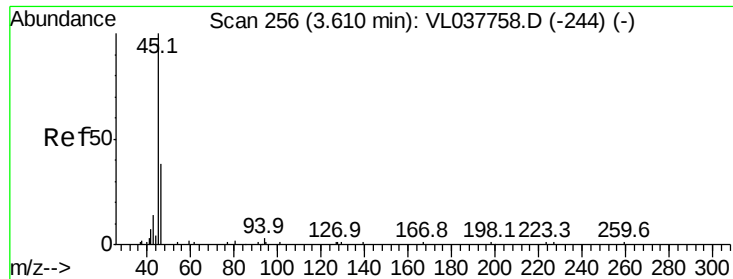
Tgt Ion:101 Resp: 1512264

Ion Ratio Lower Upper

101 100

151 78.4 62.9 94.3



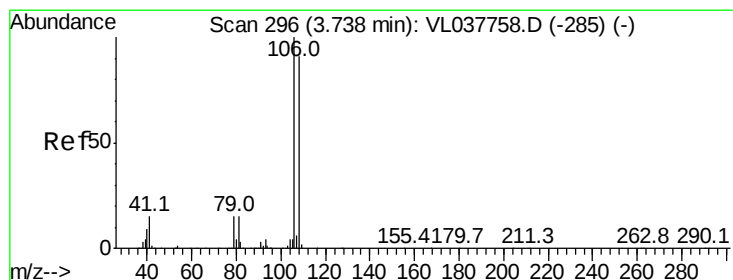
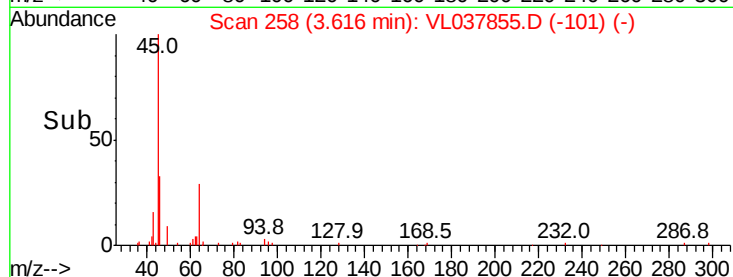
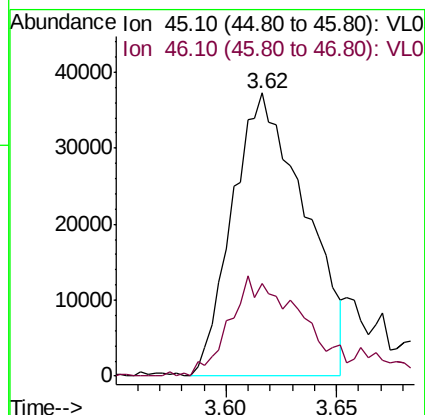
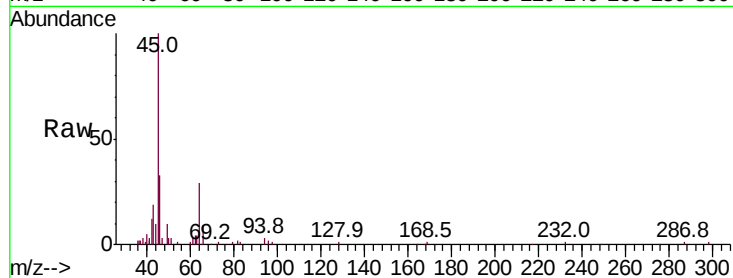


#13
 Ethanol
 Concen: 10.790 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion:
 Ion Ratio
 45 100
 46 39.

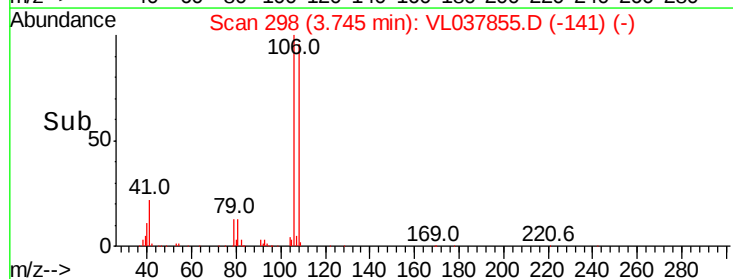
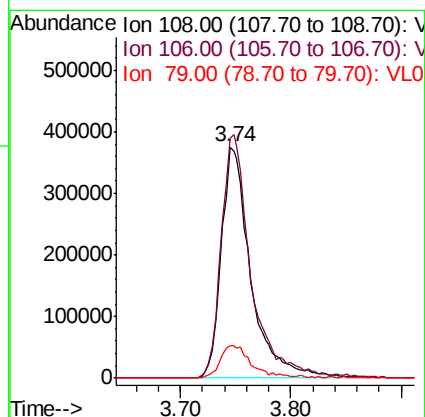
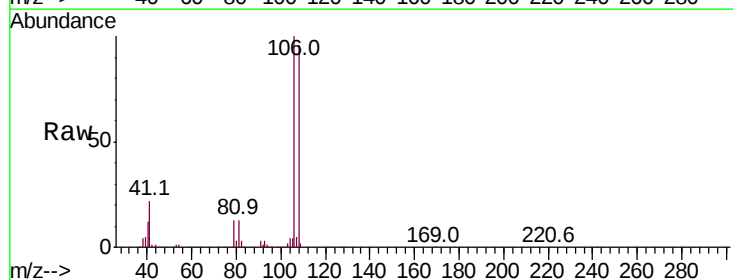
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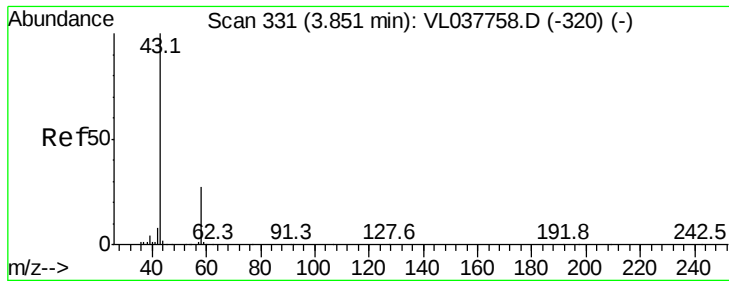
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#14
 Bromoethene
 Concen: 10.701 ppbv
 RT: 3.74 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion:108 Resp: 695366
 Ion Ratio Lower Upper
 108 100
 106 107.7 91.9 137.9
 79 15.7 13.9 20.9



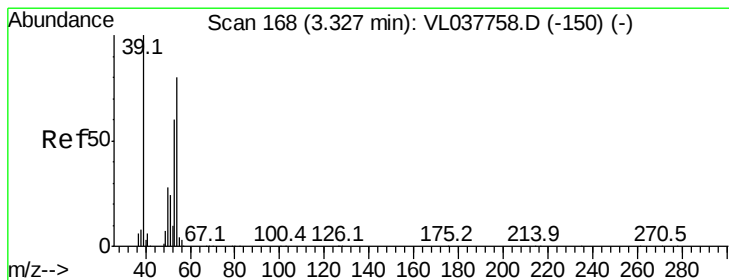
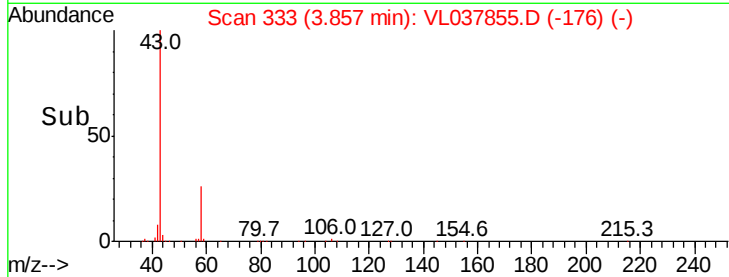
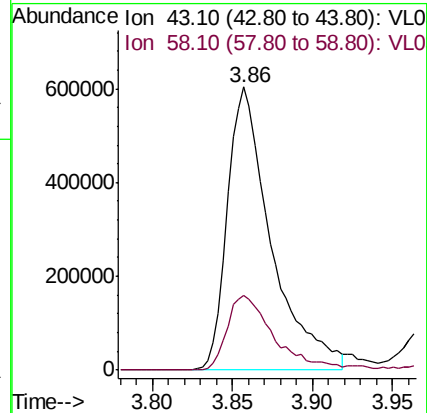
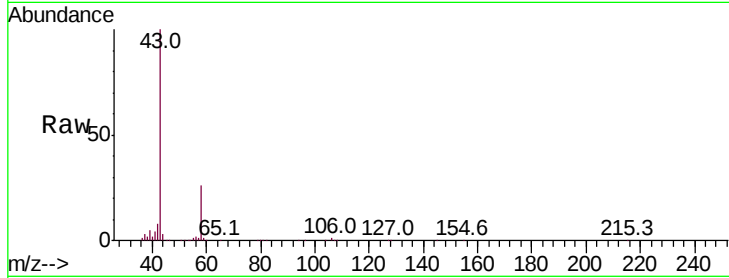


#15
Acetone
Concen: 9.159 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
43 100
58 29.

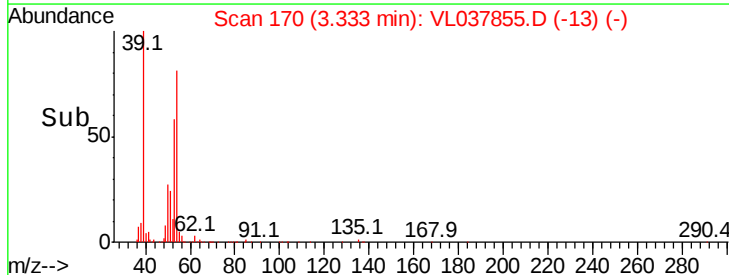
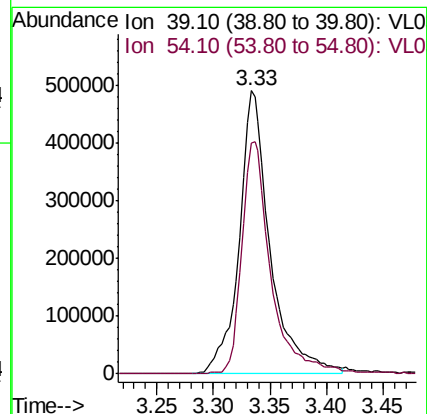
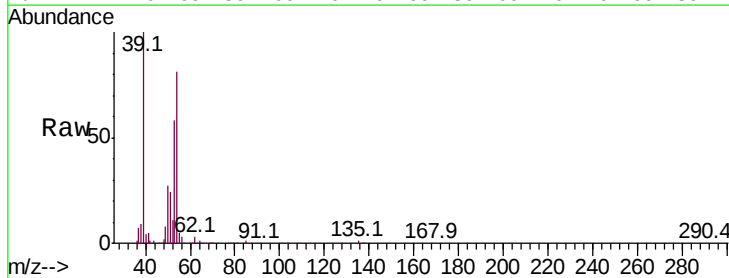
Manual Integrations
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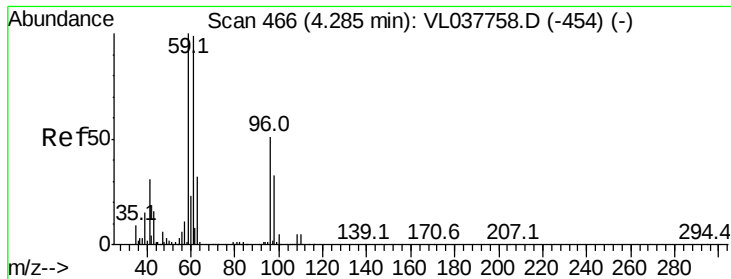
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
1,3-Butadiene
Concen: 10.439 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 39 Resp: 933239
Ion Ratio Lower Upper
39 100
54 78.2 61.7 92.5





#17

tert-Butyl alcohol

Concen: 10.130 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

59 100

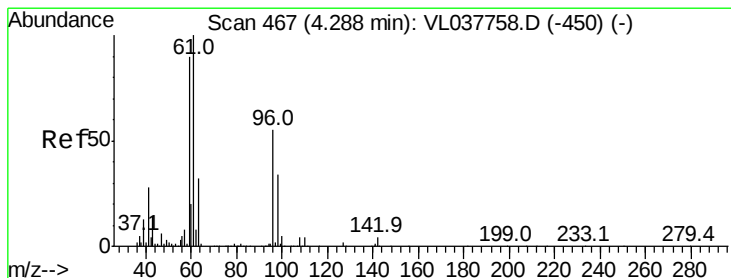
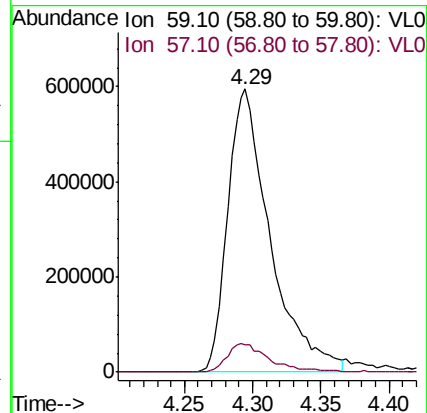
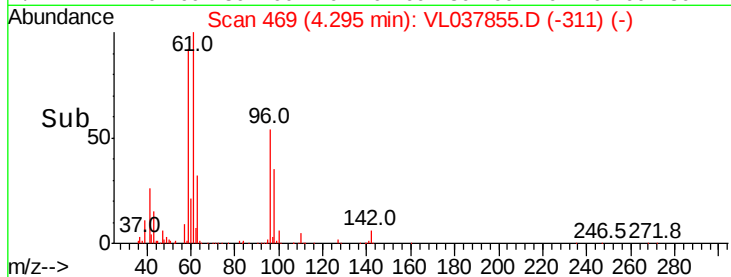
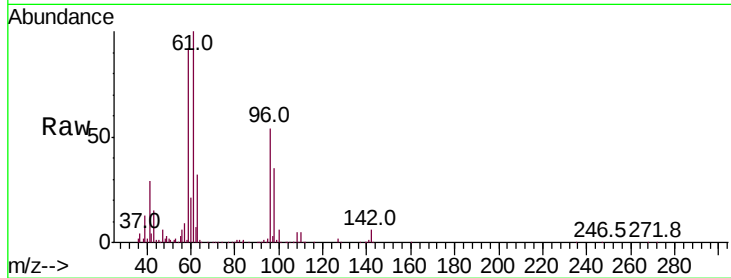
57 10.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#18

1,1-Dichloroethene

Concen: 10.060 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

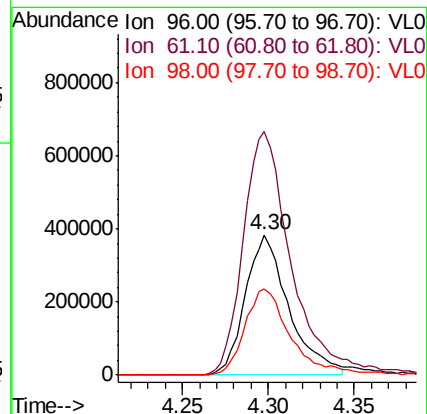
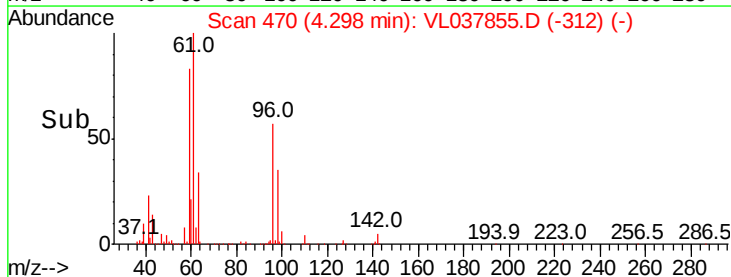
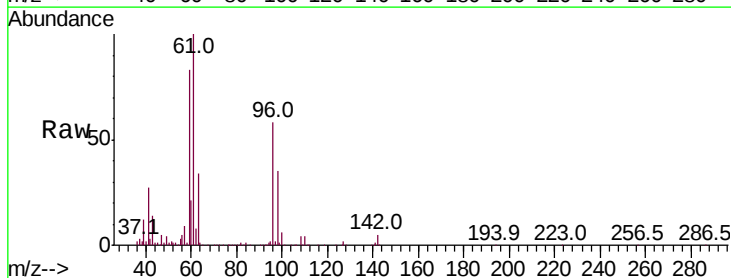
Tgt Ion: 96 Resp: 675705

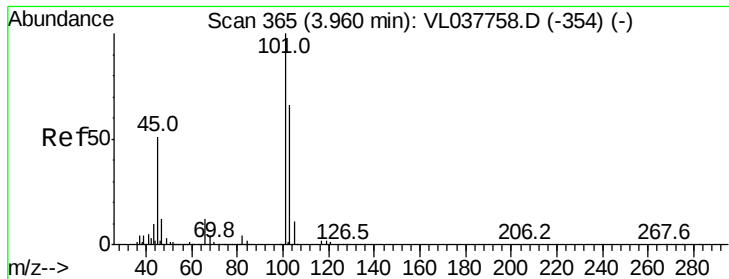
Ion Ratio Lower Upper

96 100

61 173.9 146.2 219.4

98 61.2 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.742 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

45 100

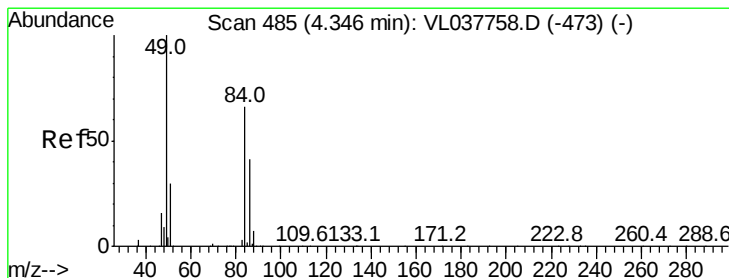
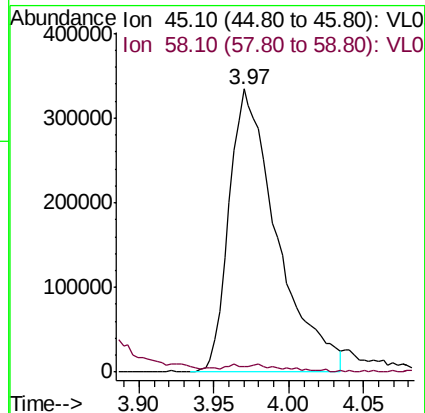
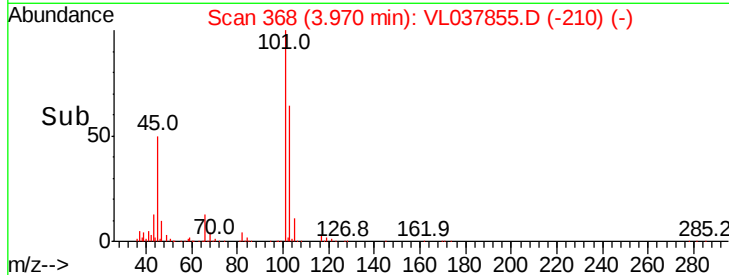
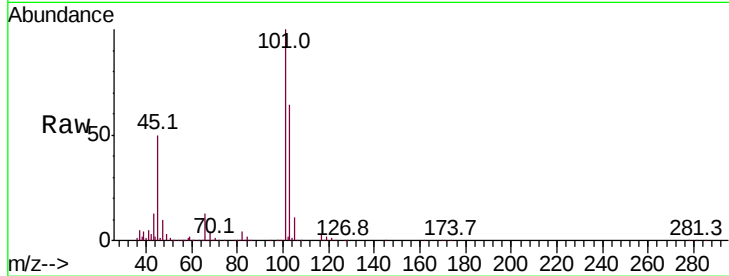
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#20

Methylene Chloride

Concen: 9.256 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

Tgt Ion: 84 Resp: 574627

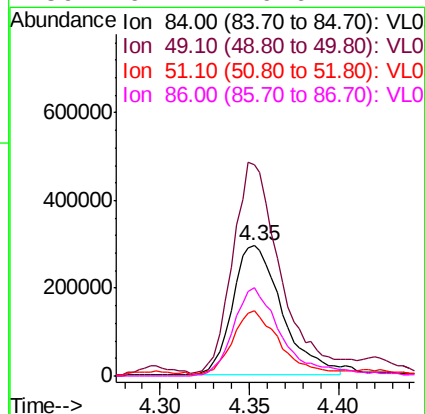
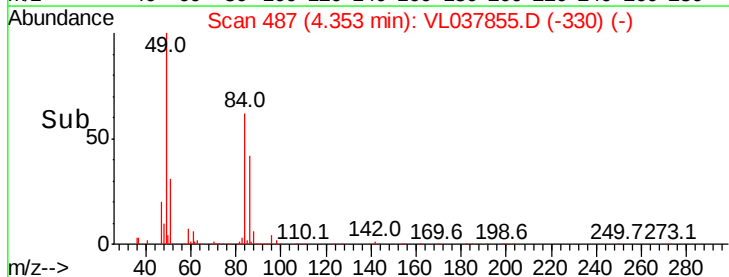
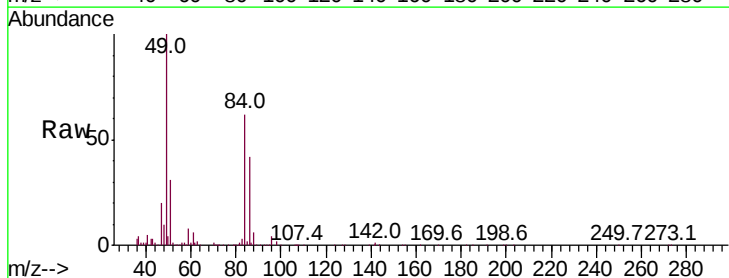
Ion Ratio Lower Upper

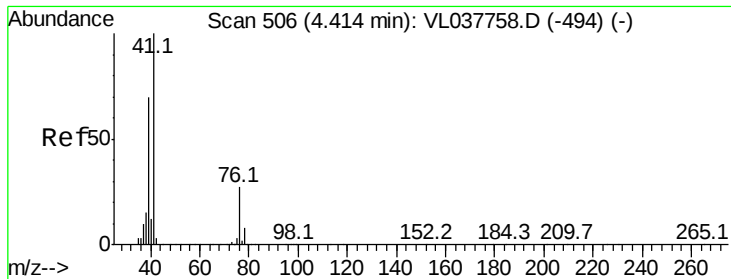
84 100

49 160.6 120.7 181.1

51 49.3 36.2 54.4

86 67.7 49.6 74.4



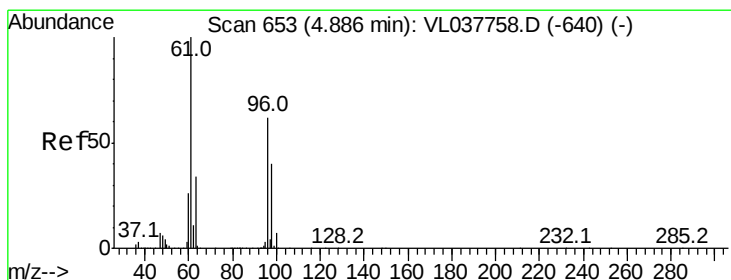
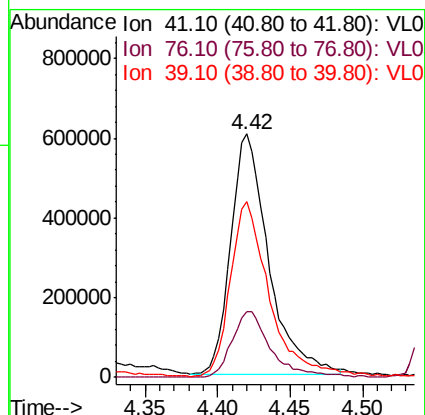
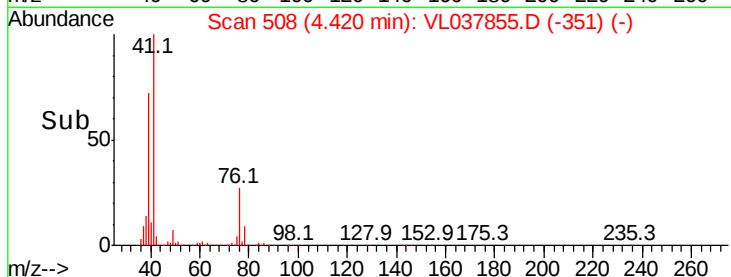
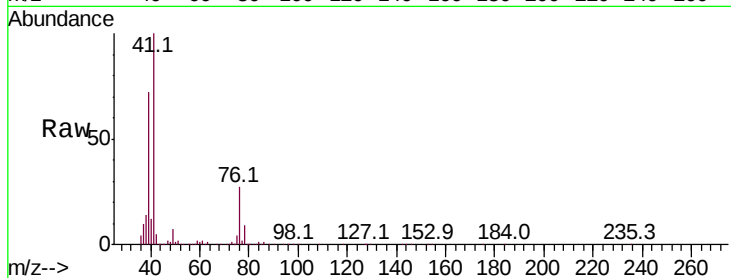


#21
Allvl Chloride
Concen: 9.993 ppbv
RT: 4.42
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
41 100
76 28.
39 75.

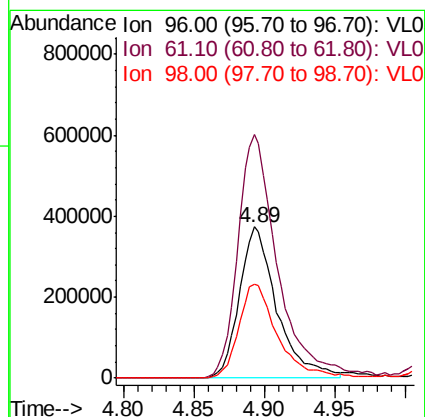
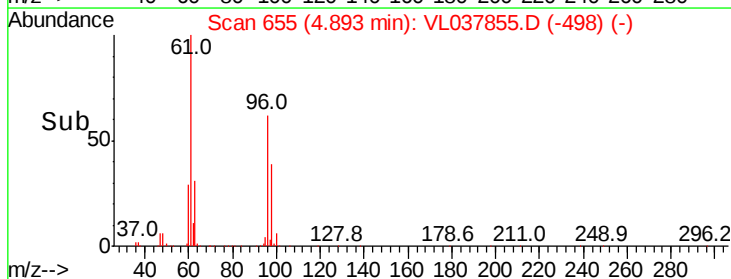
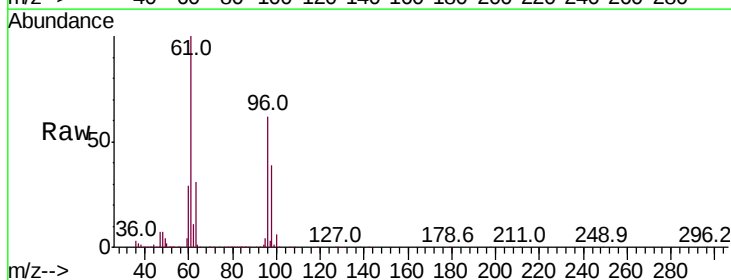
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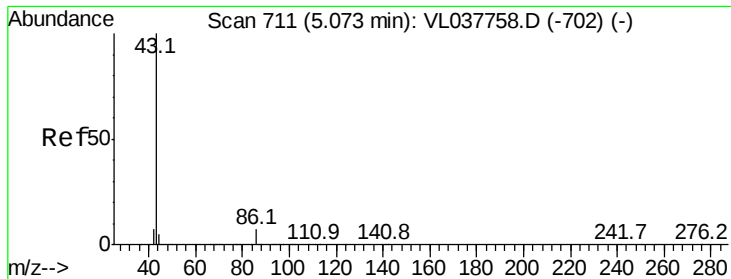
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#22
trans-1,2-Dichloroethene
Concen: 10.359 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 96 Resp: 699512
Ion Ratio Lower Upper
96 100
61 160.8 129.0 193.6
98 62.3 51.7 77.5





#23

Vinyl Acetate

Concen: 10.437 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion: 43.10 (42.80 to 43.80): VL0

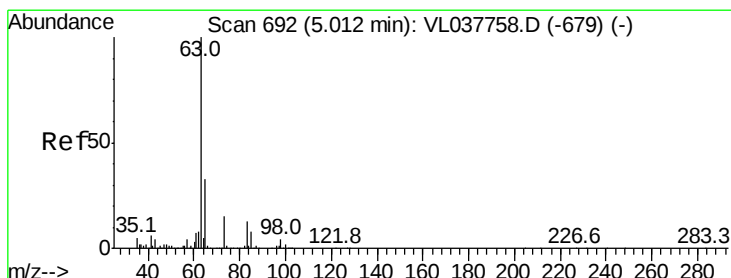
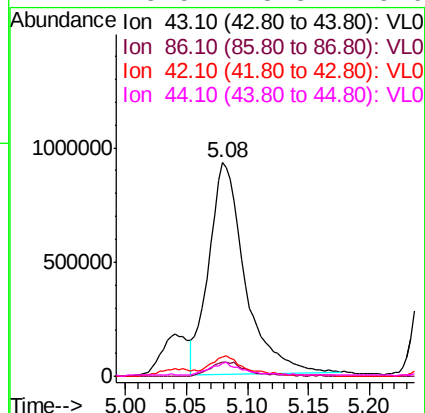
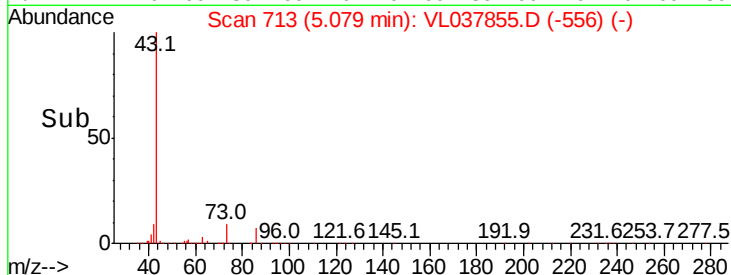
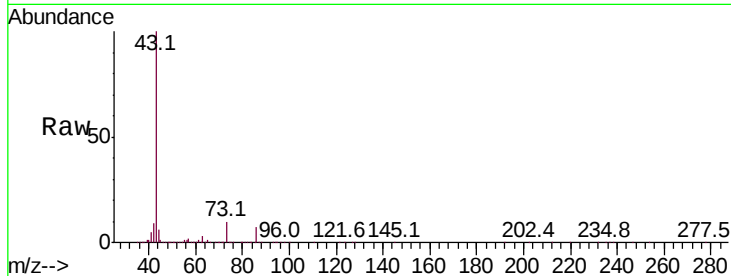
Ion Ratio

Ion	Ratio
43	100
86	6.1
42	8.1
44	5.5

3.8 5.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#24

1,1-Dichloroethane

Concen: 10.527 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

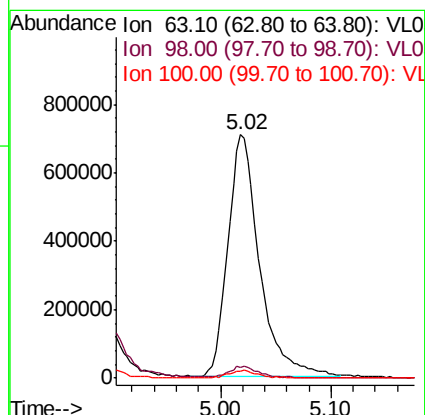
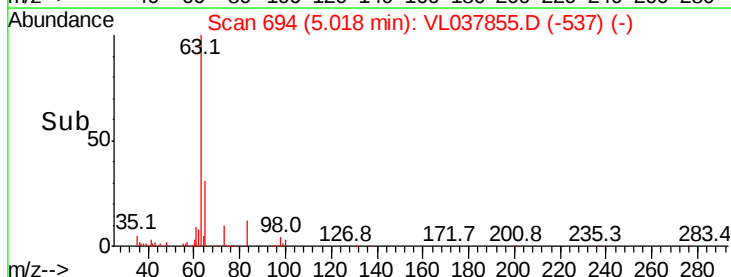
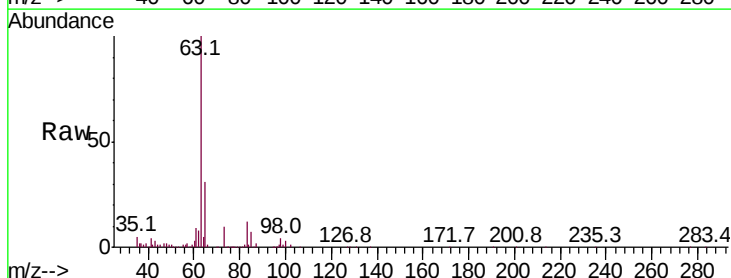
Lab File: VL037855.D

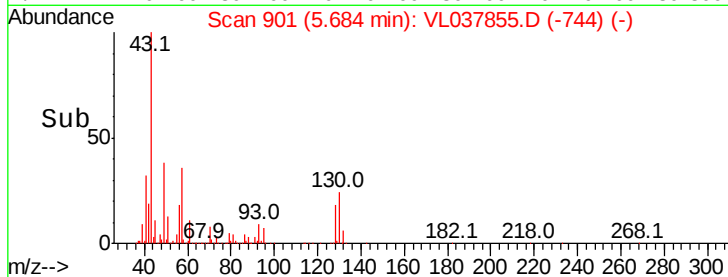
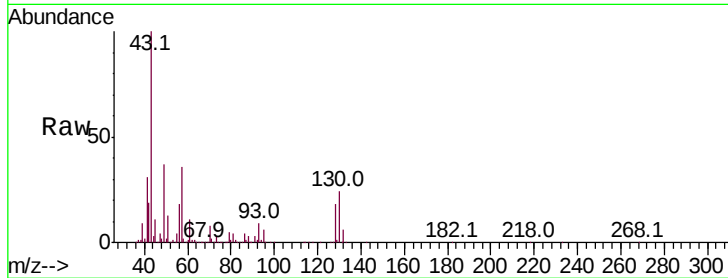
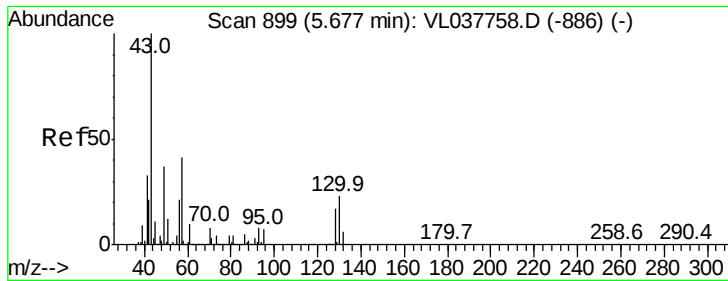
Acq: 18 Oct 2021 16:19

Tgt Ion: 63 Resp: 1411035

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	3.0	1.1	3.1



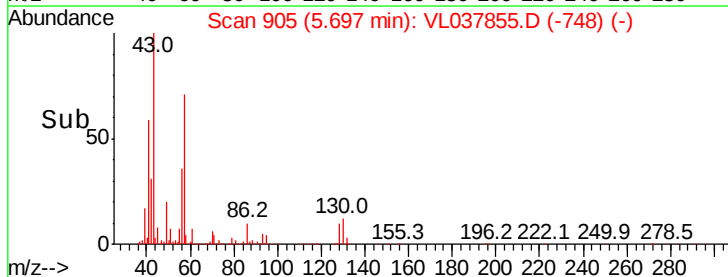
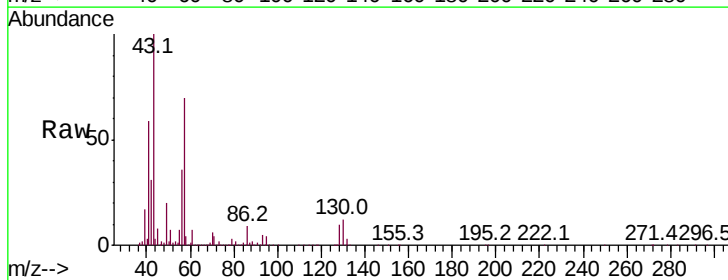
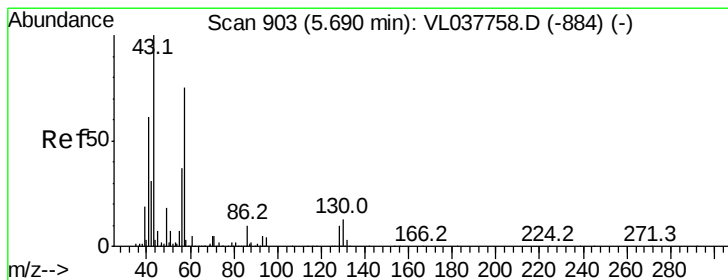
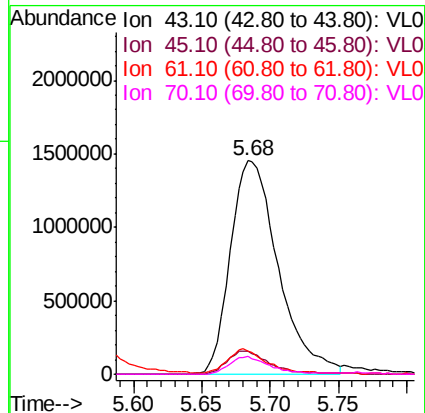


#25
Ethyl Acetate
Concen: 10.237 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.3 5.9 8.9

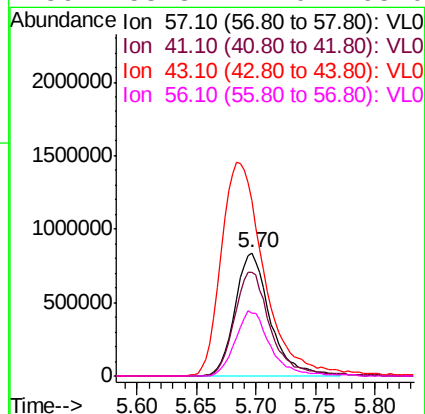
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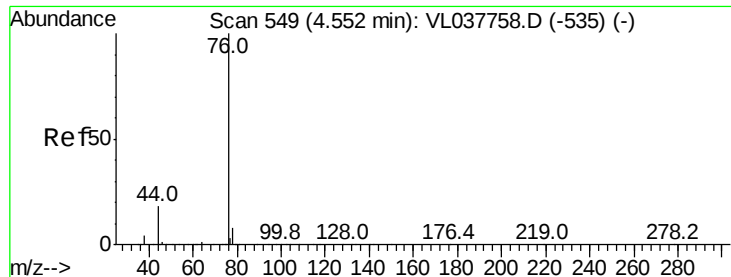
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#26
Hexane
Concen: 10.051 ppbv
RT: 5.70 min Scan# 905
Delta R.T.: 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 57 Resp: 1706343
Ion Ratio Lower Upper
57 100
41 88.7 69.6 104.4
43 213.8 171.4 257.0
56 53.3 42.0 63.0





#27

Carbon Disulfide

Concen: 11.422 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

76 100

44 17.

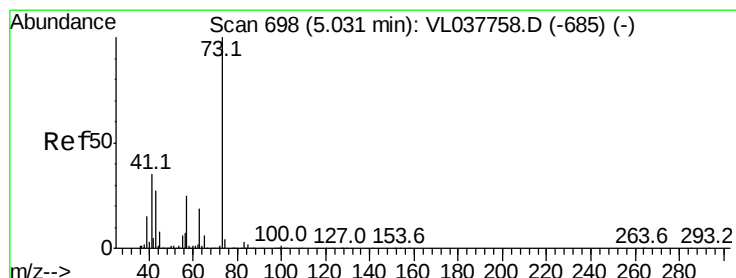
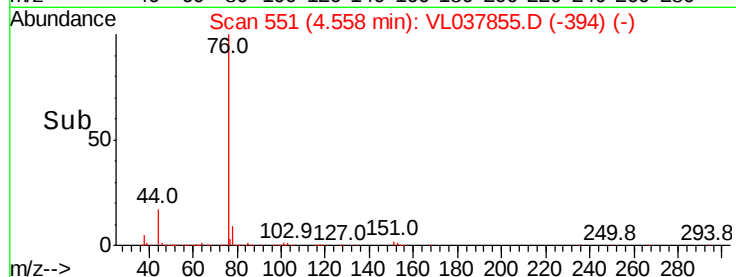
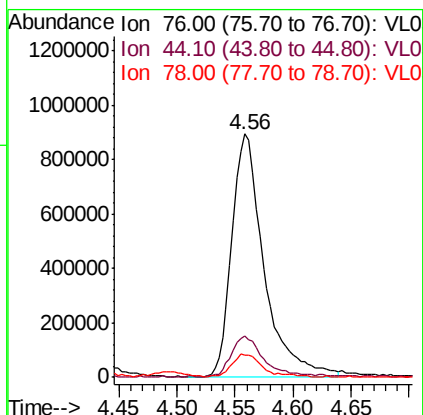
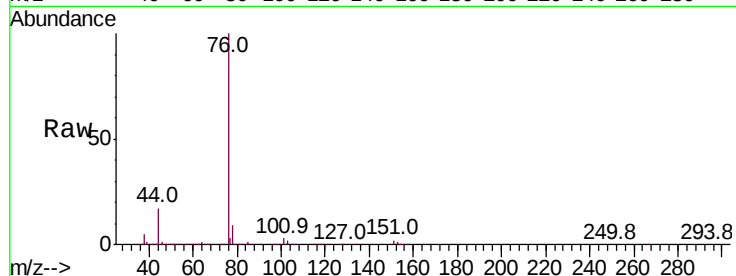
78 9.

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 9.870 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL037855.D

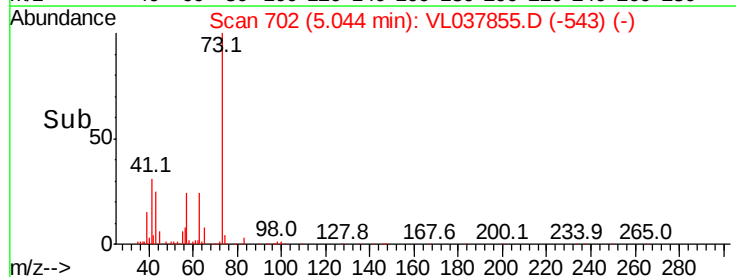
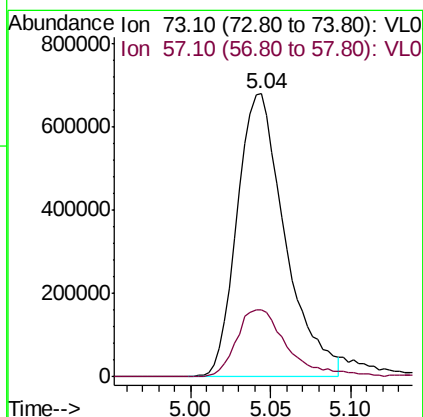
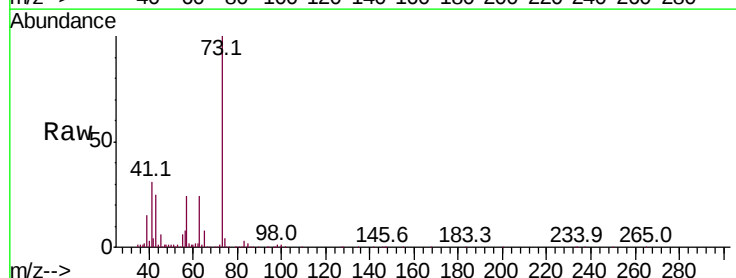
Acq: 18 Oct 2021 16:19

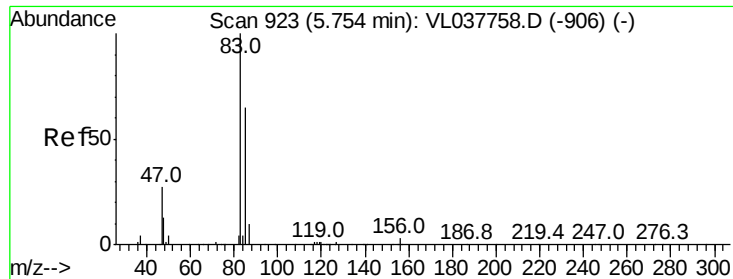
Tgt Ion: 73 Resp: 1395204

Ion Ratio Lower Upper

73 100

57 25.8 20.4 30.6



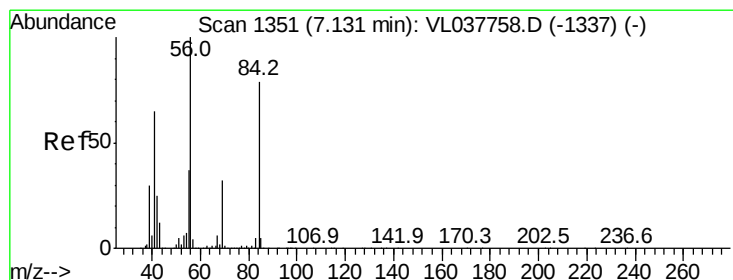
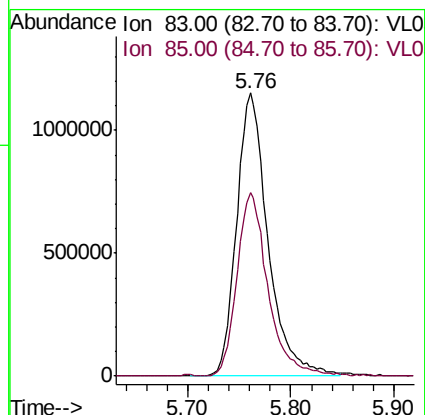
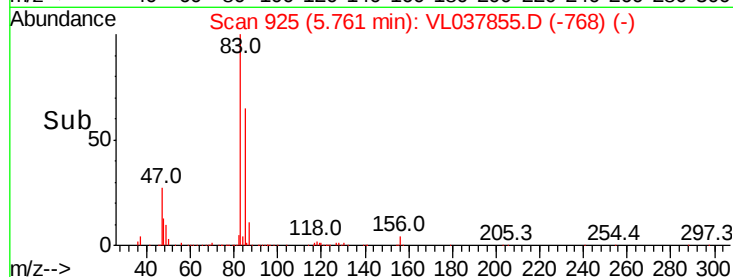
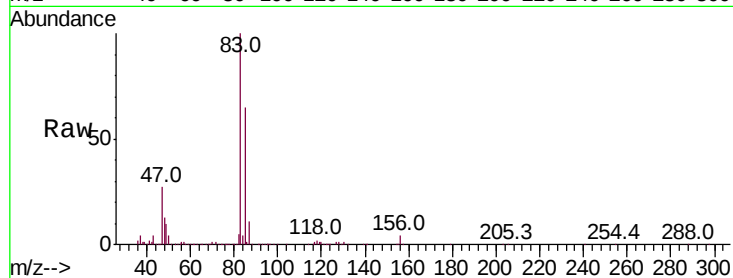


#29
Chloroform
Concen: 10.081 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
83 100
85 64.

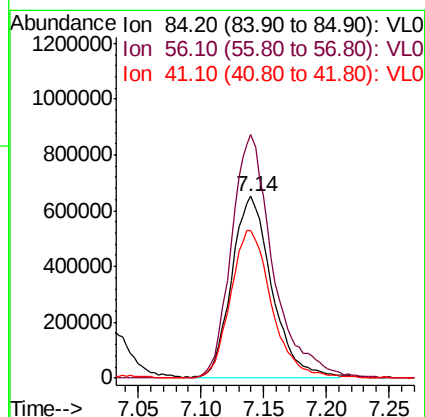
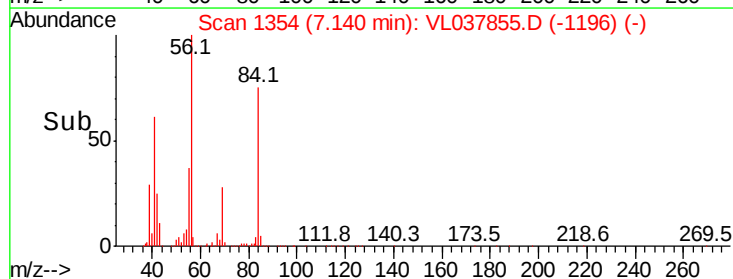
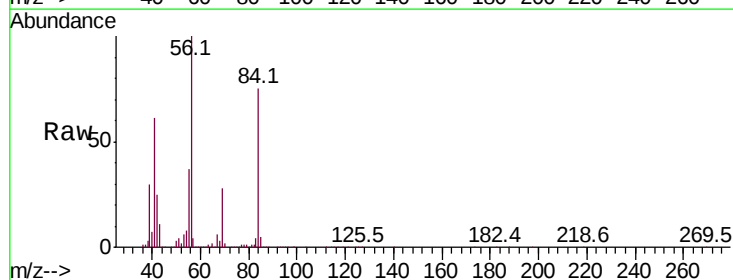
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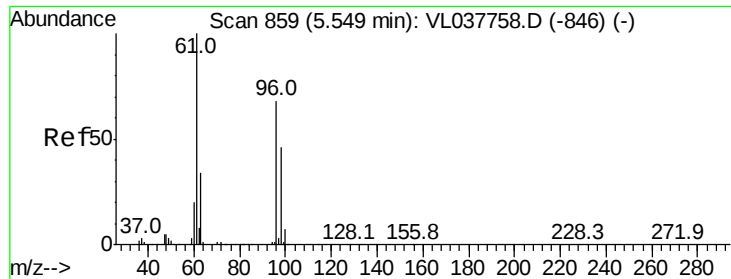
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 9.963 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 84 Resp: 1434316
Ion Ratio Lower Upper
84 100
56 140.7 113.0 169.4
41 84.8 69.1 103.7



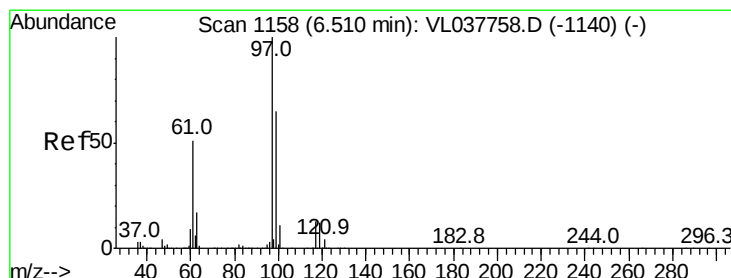
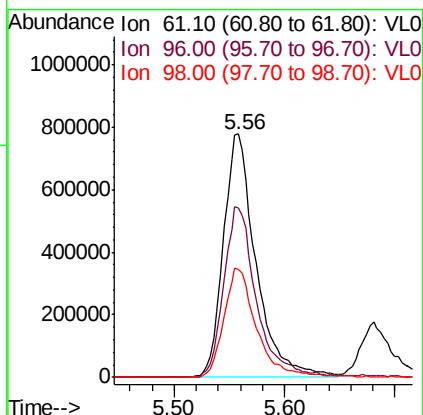
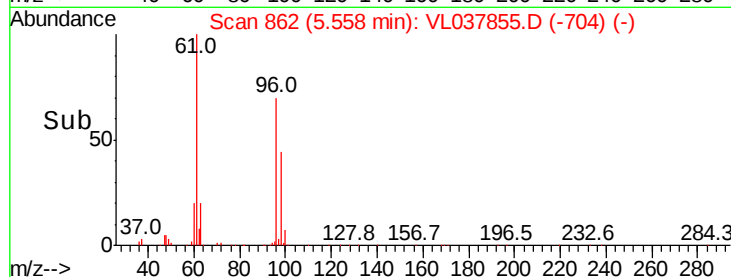
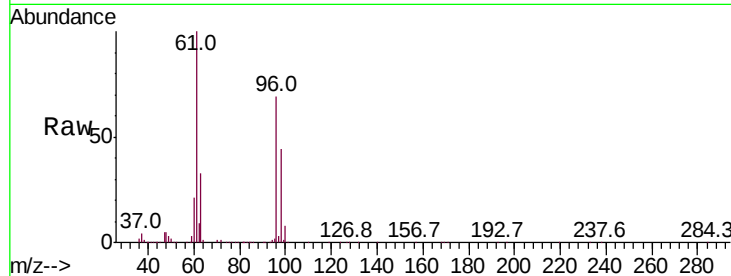


#31
 cis-1,2-Dichloroethene
 Concen: 10.310 ppbv
 RT: 5.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1018ABS01
 Acq: 18 Oct 2021 16:19

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

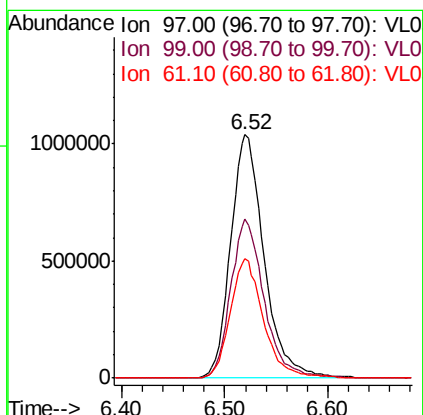
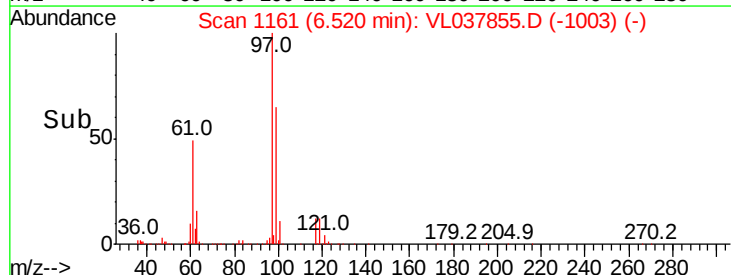
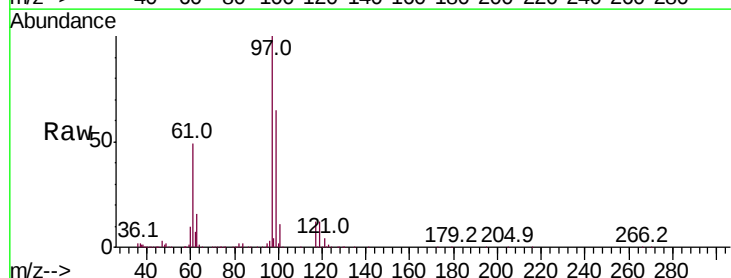
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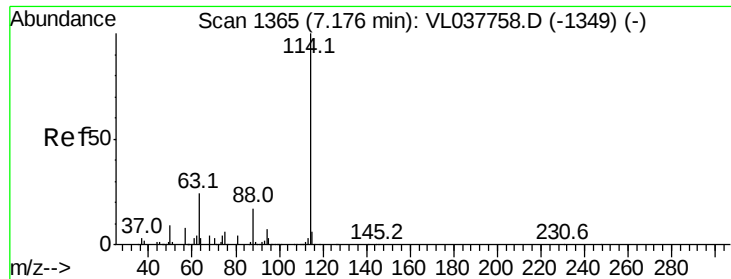
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#32
 1,1,1-Trichloroethane
 Concen: 10.199 ppbv
 RT: 6.52 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion: 97 Resp: 2346504
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.6 78.8
 61 48.9 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion: 1

Ion Ratio

114 100

63 23.

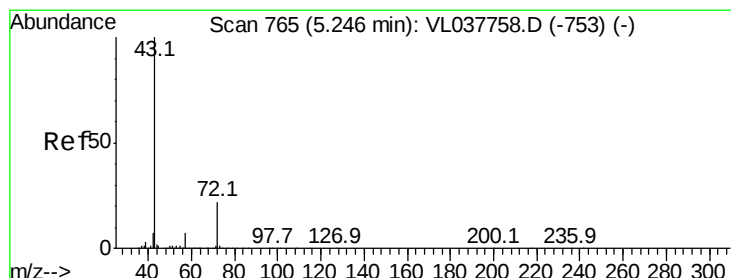
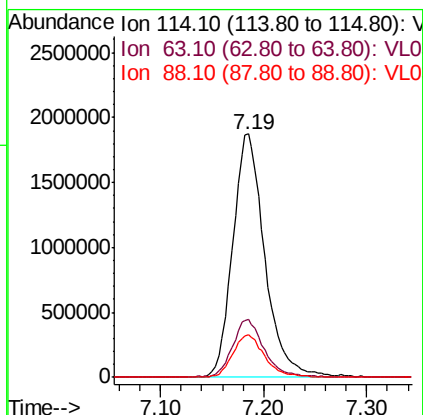
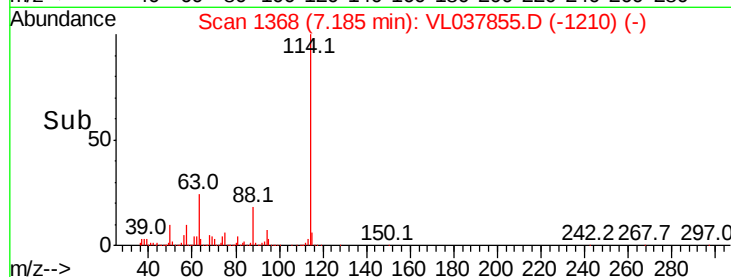
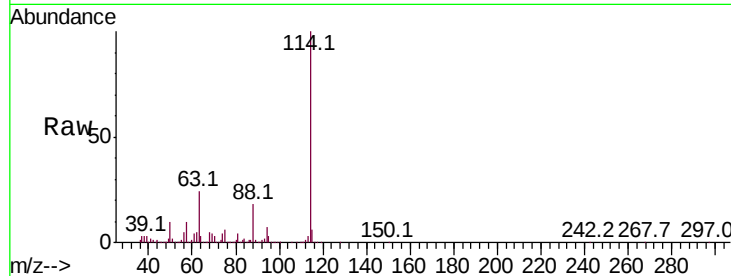
88 17.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 10/27/2021

Supervised By : Mahesh Dadoda 10/27/2021



#34

2-Butanone

Concen: 9.570 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

Lab File: VL037855.D

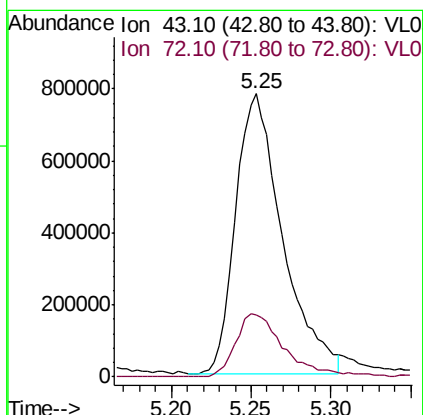
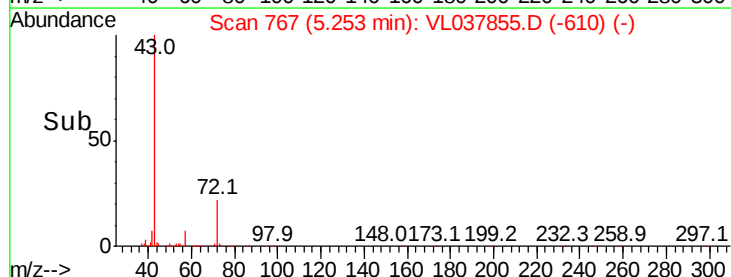
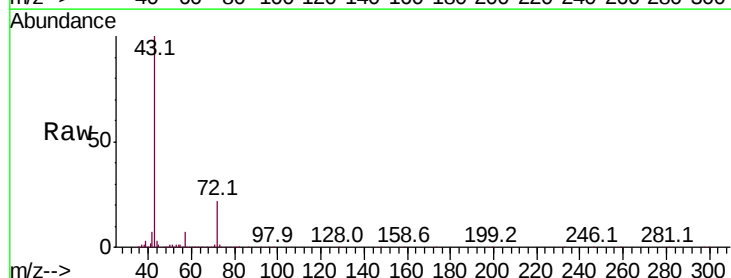
Acq: 18 Oct 2021 16:19

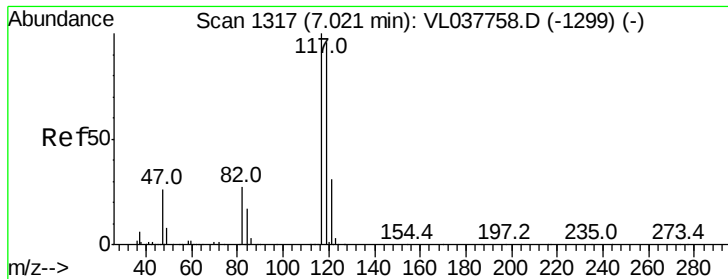
Tgt Ion: 43 Resp: 1564559

Ion Ratio Lower Upper

43 100

72 23.9 18.2 27.2





#35

Carbon Tetrachloride

Concen: 10.548 ppbv

RT: 7.03 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19 VL1018ABS01

Tot Ion:1

Ion Rati

117 100

119 92.

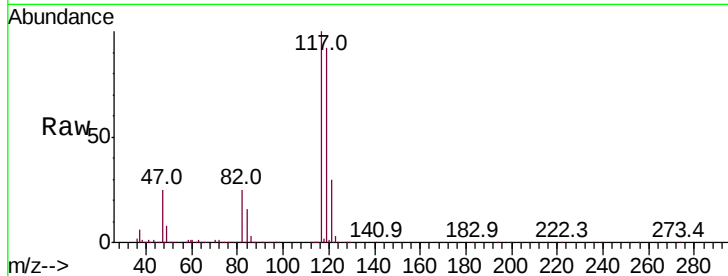
121 30.

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Reviewed By :Semsettin Yesilyurt 10/27/2021

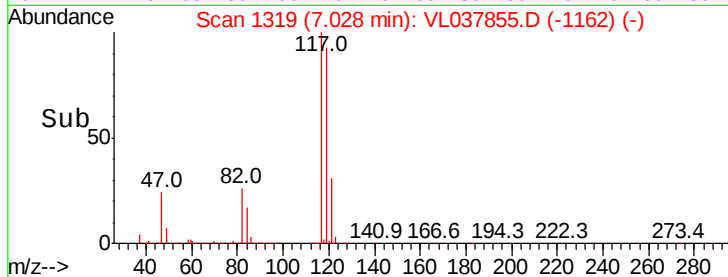
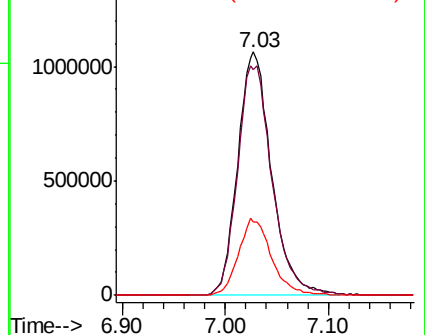
Supervised By :Mahesh Dadoda 10/27/2021



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.231 ppbv

RT: 6.90 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

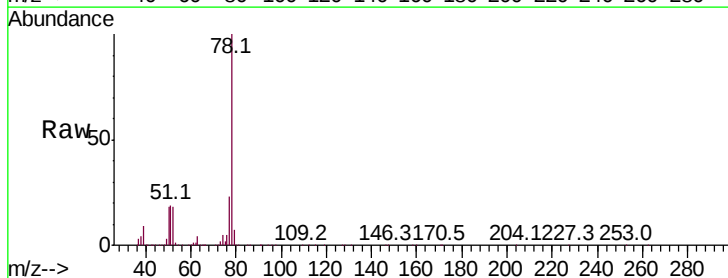
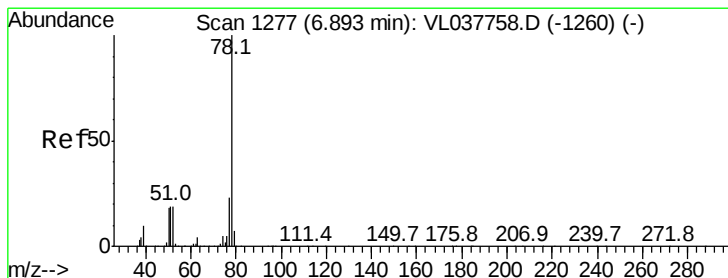
Tgt Ion: 78 Resp: 3539028

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

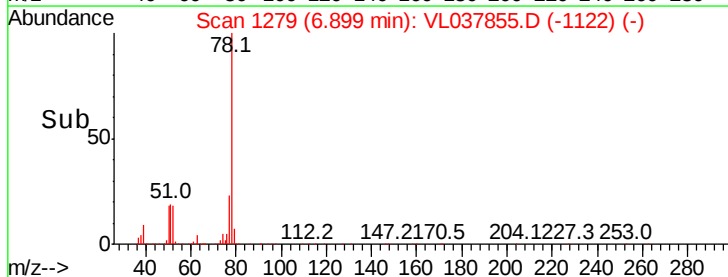
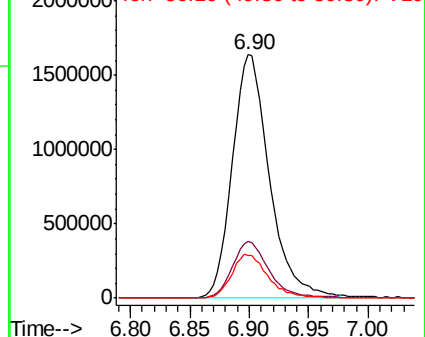
50 17.5 14.7 22.1

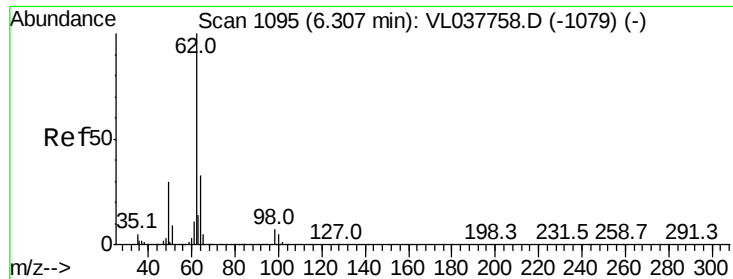


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 10.288 ppbv

RT: 6.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL1018ABS01

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

62 100

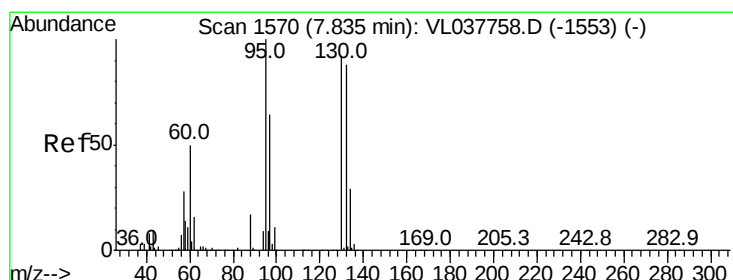
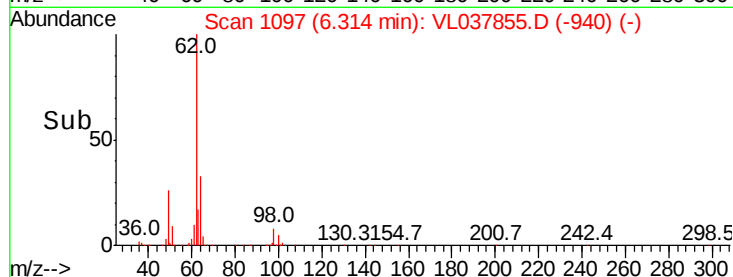
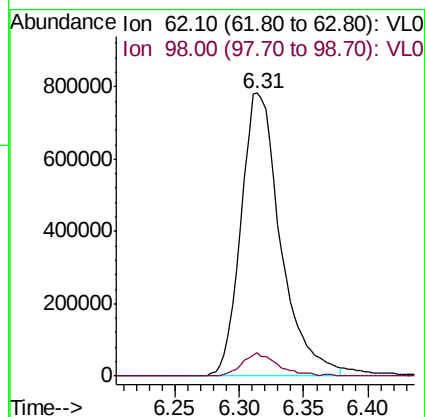
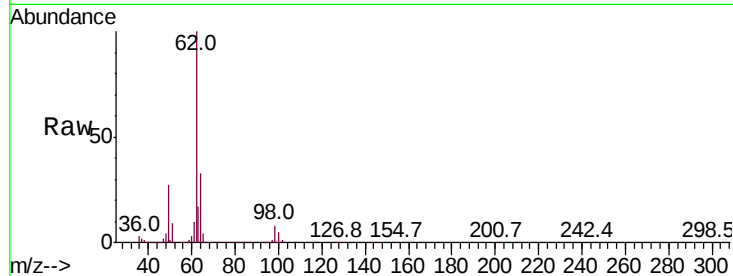
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#38

Trichloroethene

Concen: 10.190 ppbv

RT: 7.84 min Scan# 1572

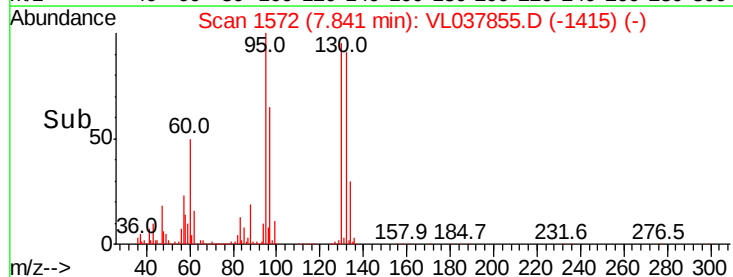
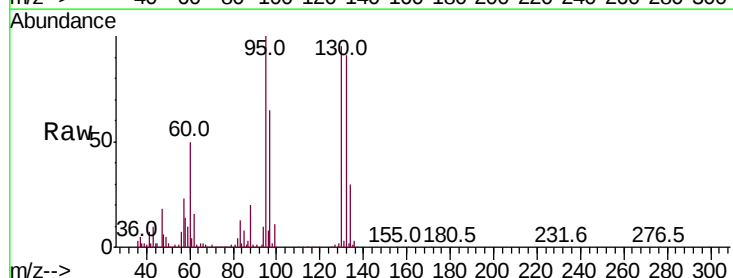
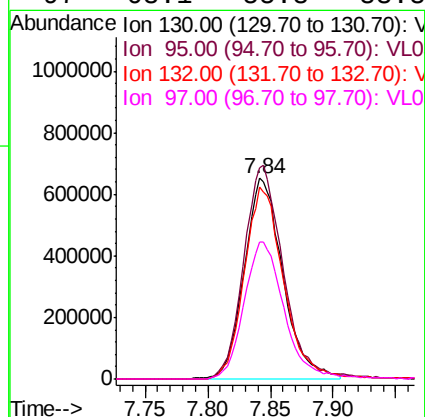
Delta R.T. 0.01 min

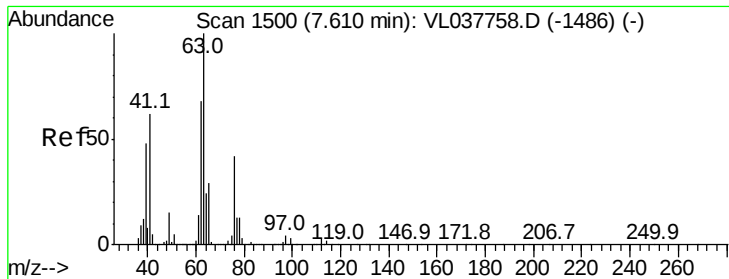
Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

Tgt Ion:130 Resp: 1392508

Ion	Ratio	Lower	Upper
130	100		
95	105.2	87.4	131.0
132	95.4	76.8	115.2
97	68.1	55.8	83.8



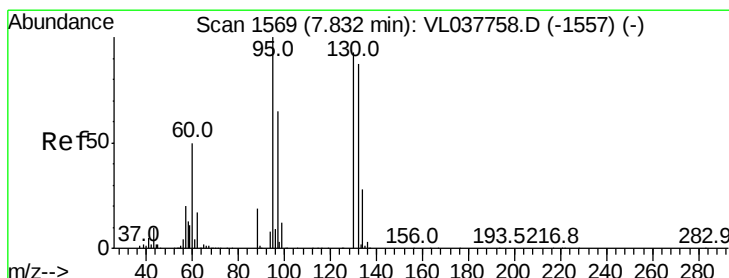
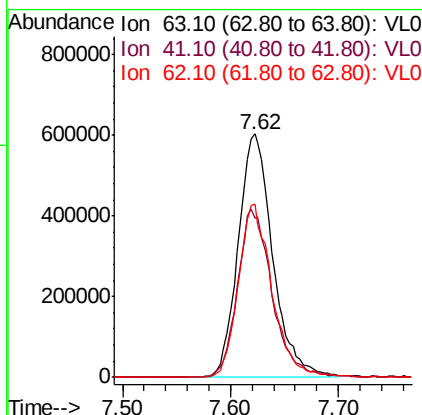
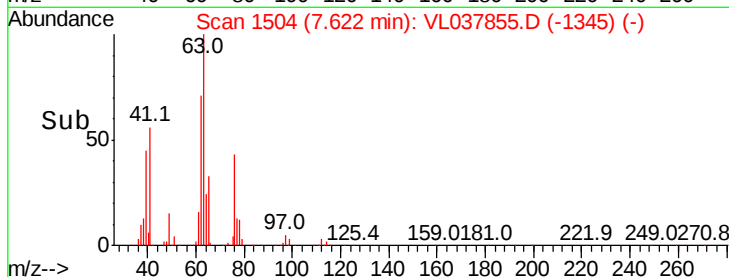
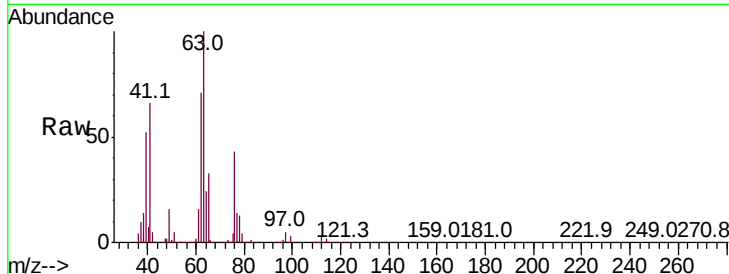


#39
 1,2-Dichloropropane
 Concen: 10.335 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion:
 Ion Ratio
 63 100
 41 65.
 62 70.

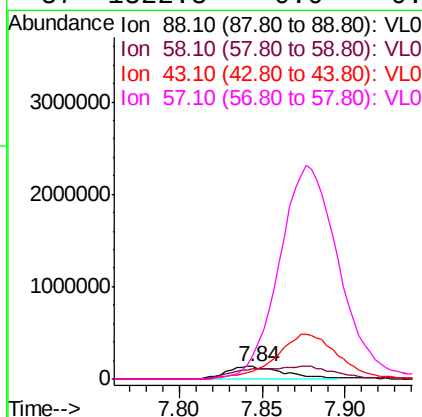
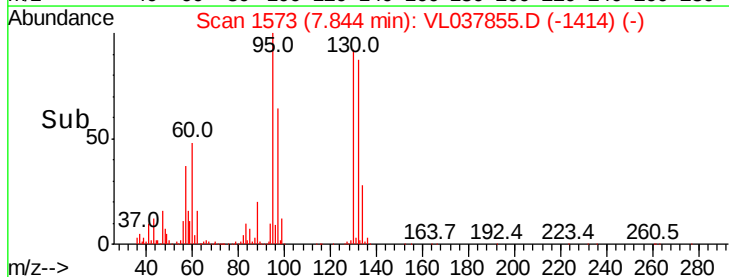
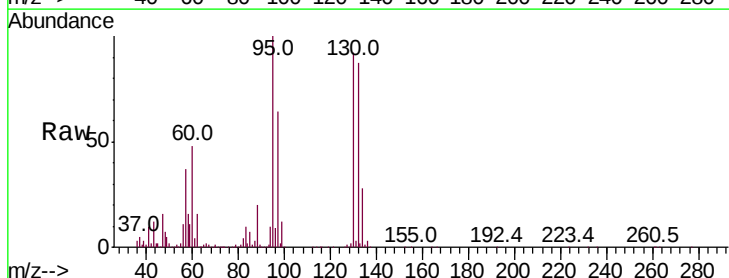
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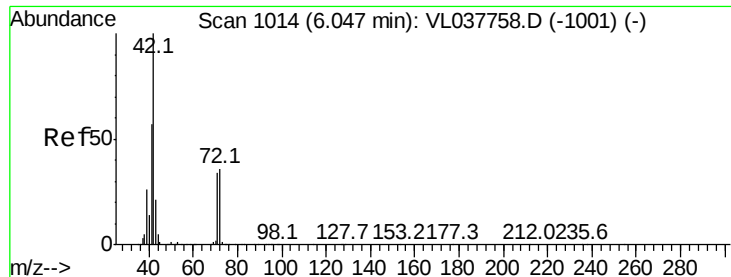
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#40
 1,4-Dioxane
 Concen: 9.898 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion: 88 Resp: 322239
 Ion Ratio Lower Upper
 88 100
 58 166.1 0.0 0.0#
 43 408.8 0.0 0.0#
 57 1822.8 0.0 0.0#



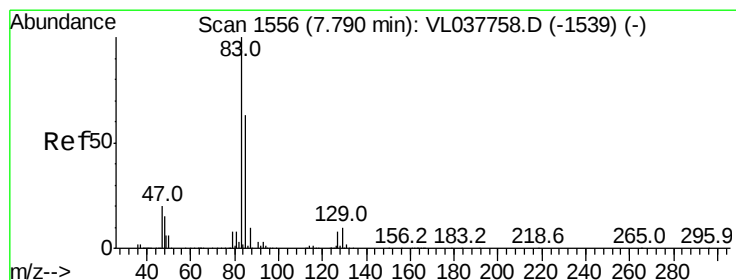
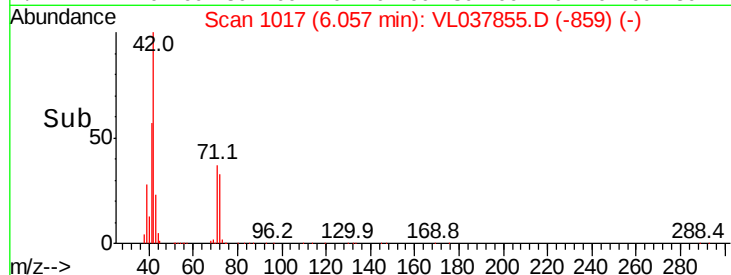
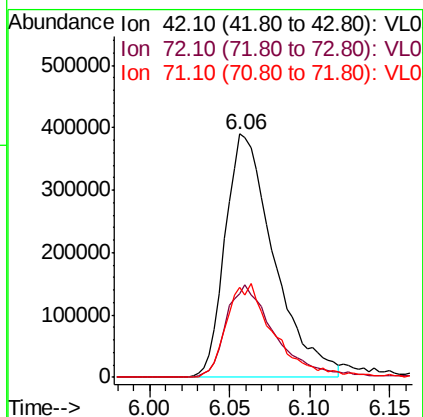
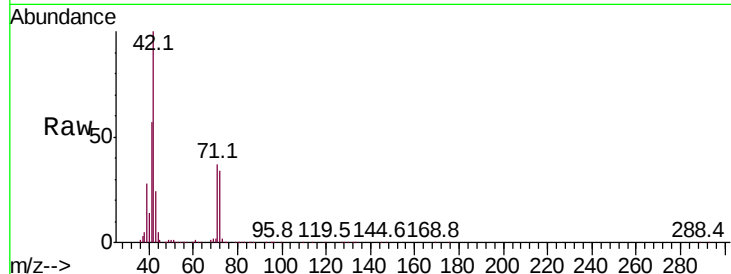


#41
Tetrahydrofuran
Concen: 10.090 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1018ABS01
Acq: 18 Oct 2021 16:19

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

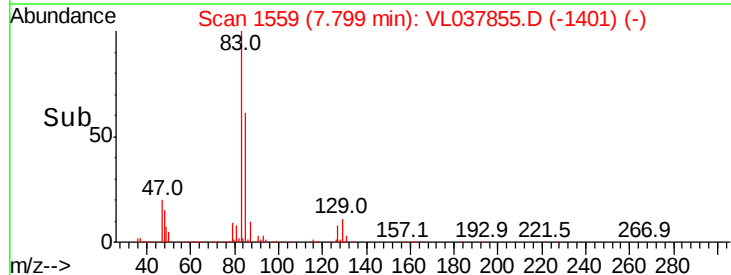
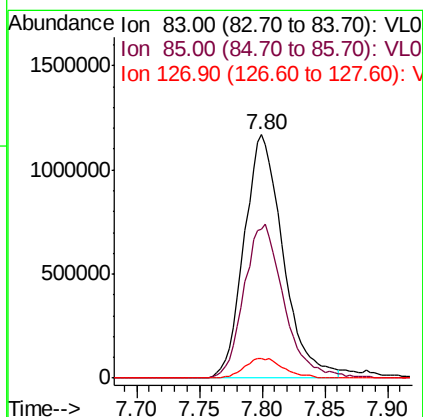
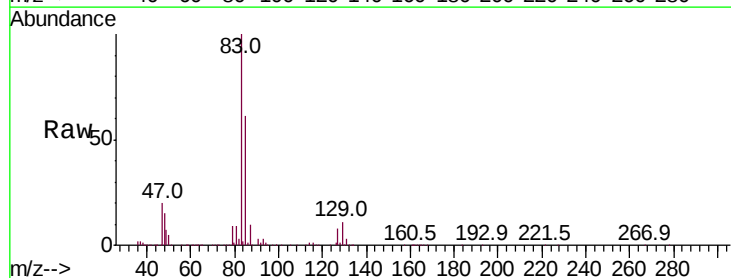
Manual Integrations
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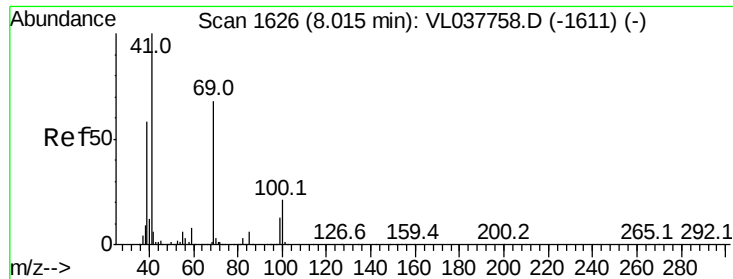
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
Bromodichloromethane
Concen: 10.568 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 83 Resp: 2528281
Ion Ratio Lower Upper
83 100
85 61.3 50.6 75.8
127 8.1 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.163 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId : VL1018ABS01

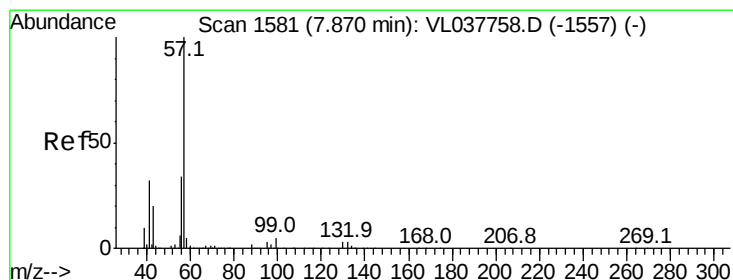
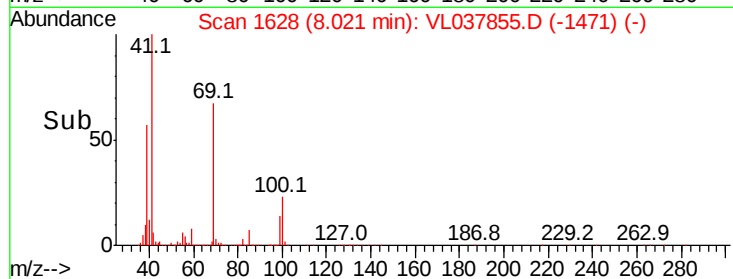
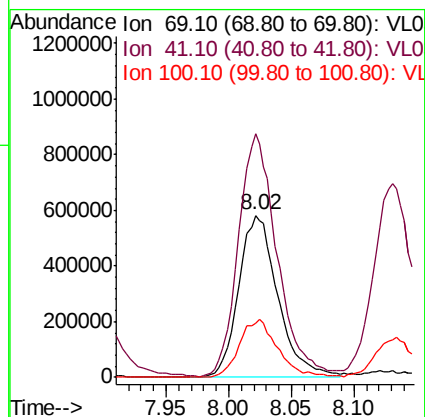
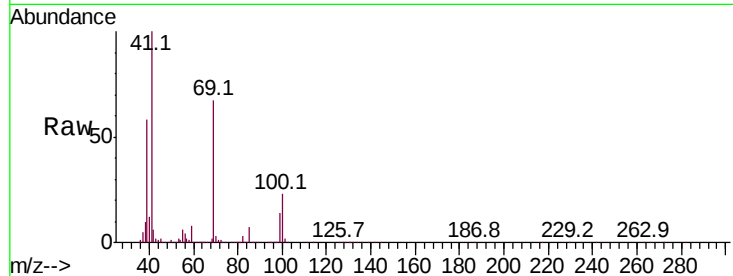
Acq: 18 Oct 2021 16:19

Tot Ion:

Ion	Ratio
69	100
41	148.
100	35.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#44

2,2,4-Trimethylpentane

Concen: 10.088 ppbv

RT: 7.88 min Scan# 1583

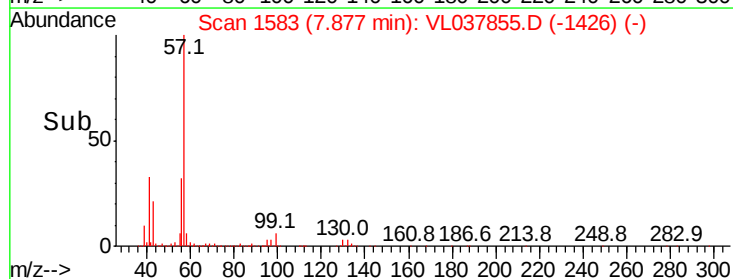
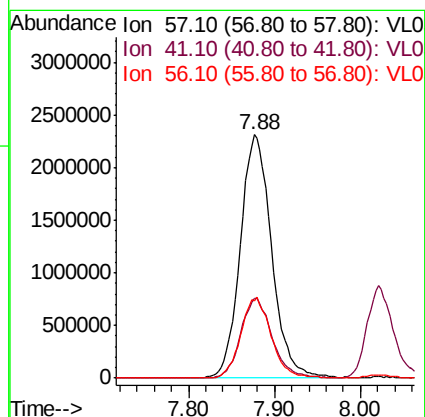
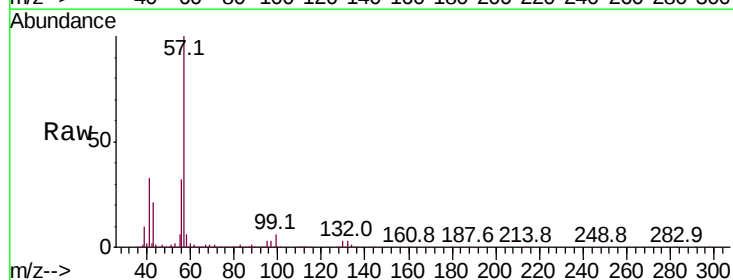
Delta R.T. 0.01 min

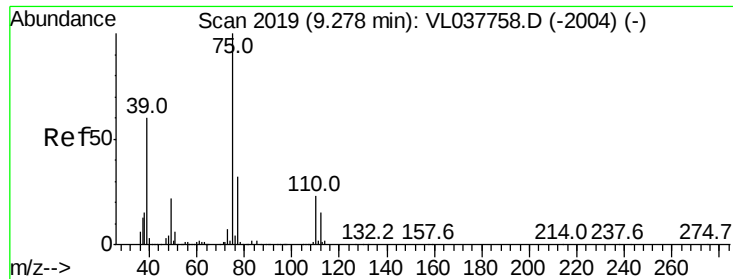
Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

Tgt Ion: 57 Resp: 5862467

Ion	Ratio	Lower	Upper
57	100		
41	32.7	25.6	38.4
56	32.1	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 12.491 ppbv

RT: 9.28

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

75 100

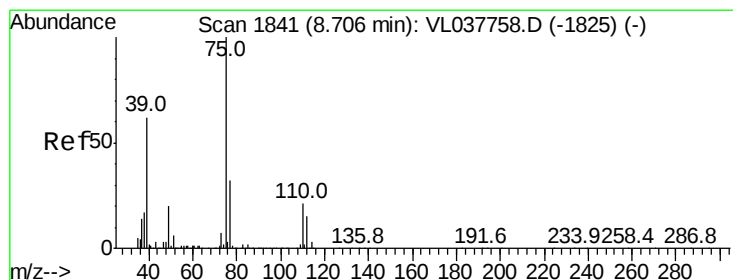
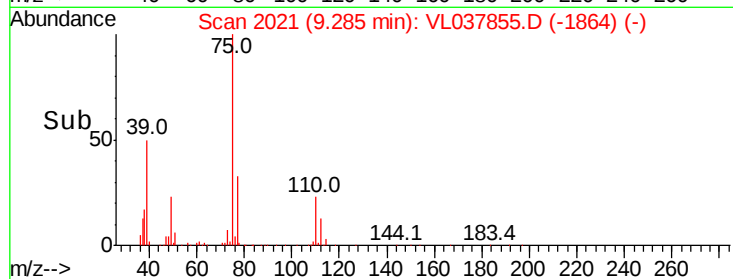
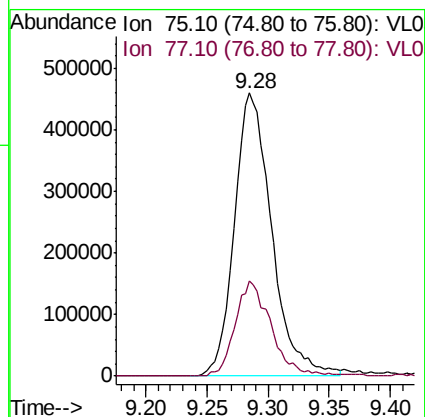
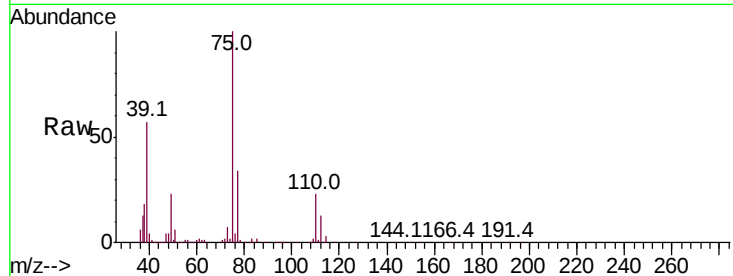
77 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#46

cis-1,3-Dichloropropene

Concen: 12.116 ppbv

RT: 8.71 min Scan# 1842

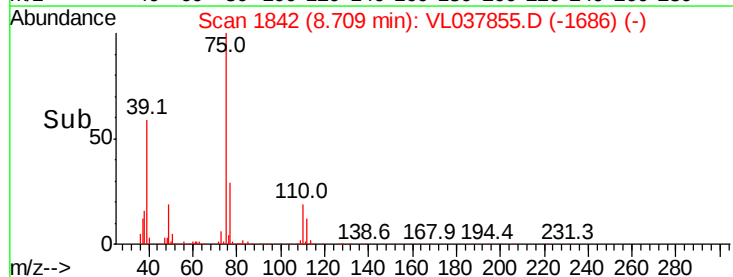
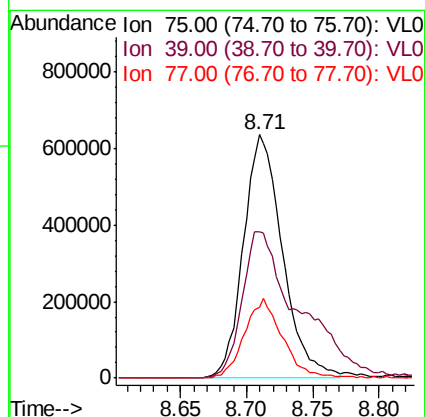
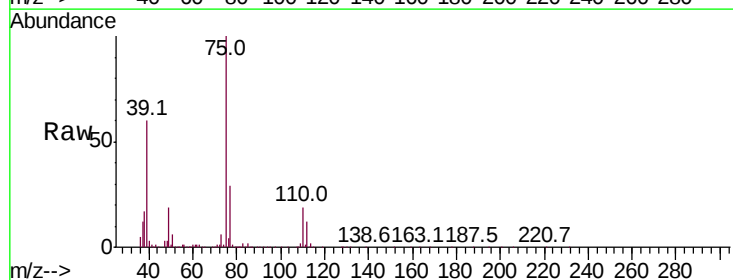
Delta R.T. 0.00 min

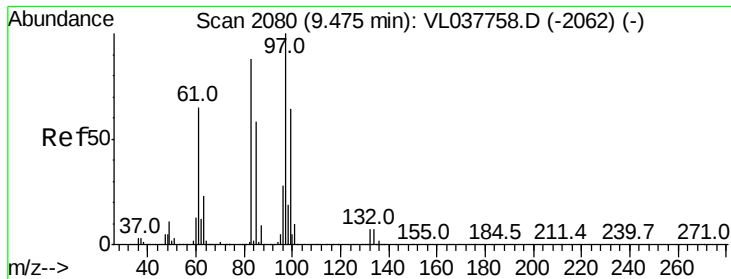
Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

Tgt Ion: 75 Resp: 1305477

Ion	Ratio	Lower	Upper
75	100		
39	60.1	49.9	74.9
77	29.2	25.9	38.9



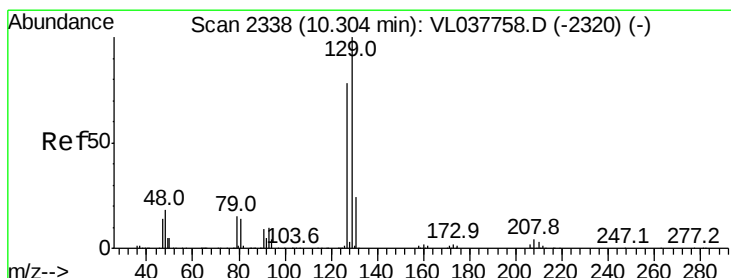
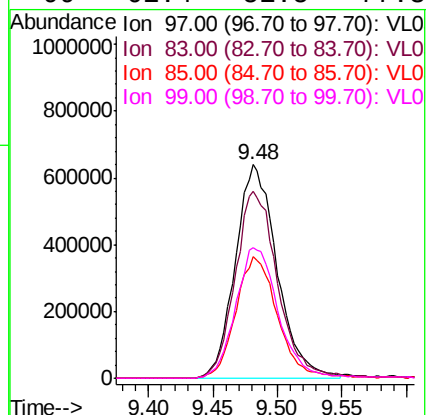
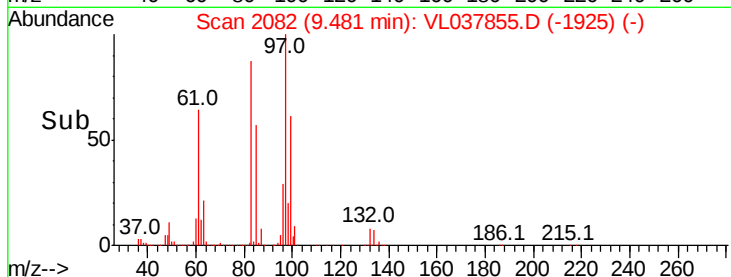
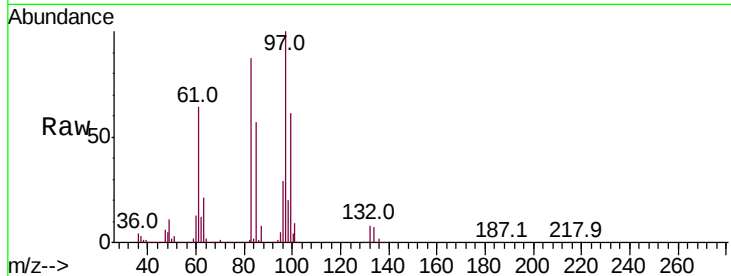


#47
 1,1,2-Trichloroethane
 Concen: 10.110 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion:
 Ion Ratio
 97 100
 83 87.
 85 57.
 99 61.4 51.5 77.3

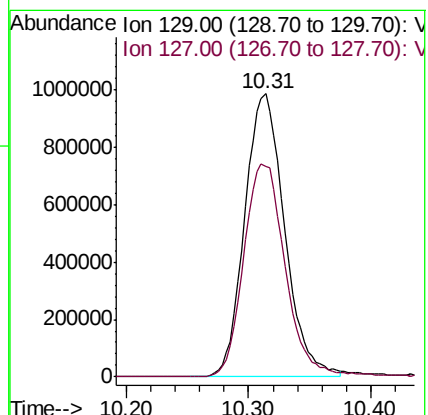
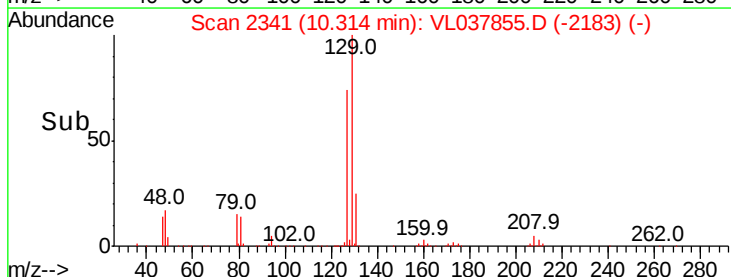
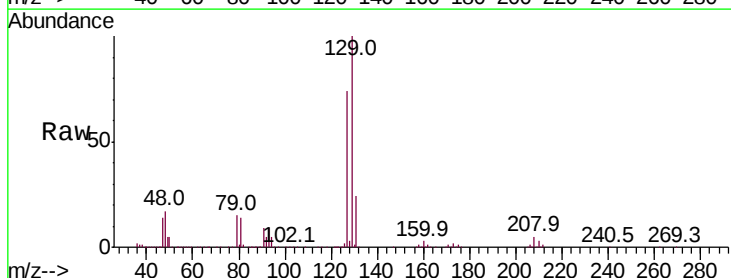
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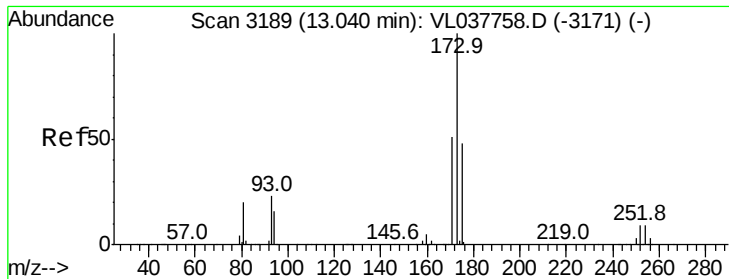
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#48
 Dibromochloromethane
 Concen: 11.042 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion:129 Resp: 2226425
 Ion Ratio Lower Upper
 129 100
 127 79.6 39.5 118.5





#49

Bromoform

Concen: 11.838 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 16:19

Tot Ion:1

Ion Ratio

173 100

175 50.

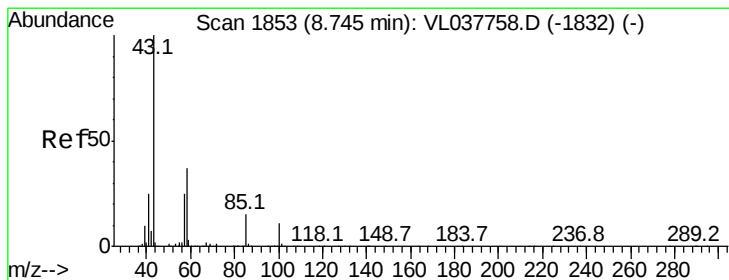
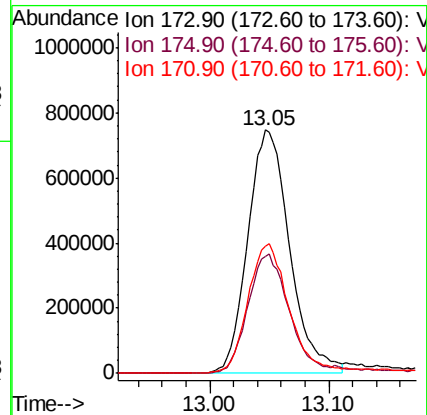
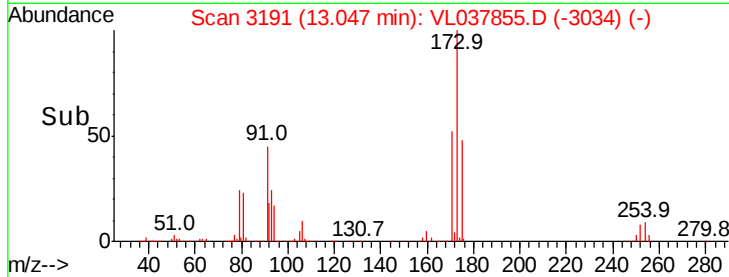
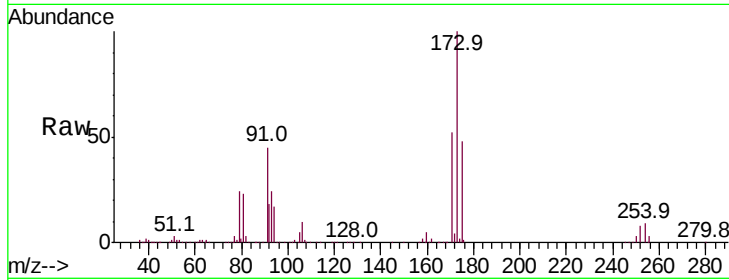
171 55.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

4-Methyl-2-Pentanone

Concen: 10.903 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL037855.D

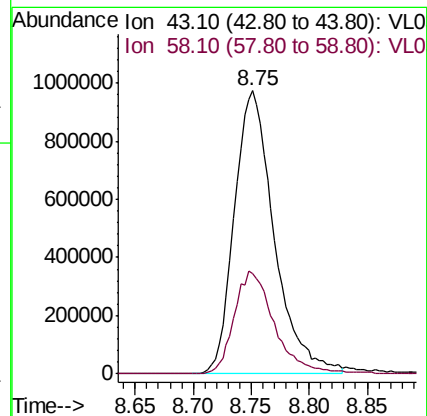
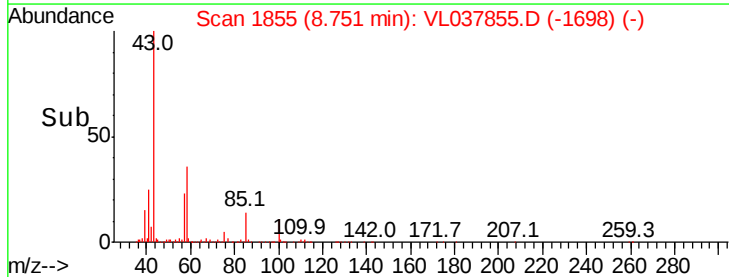
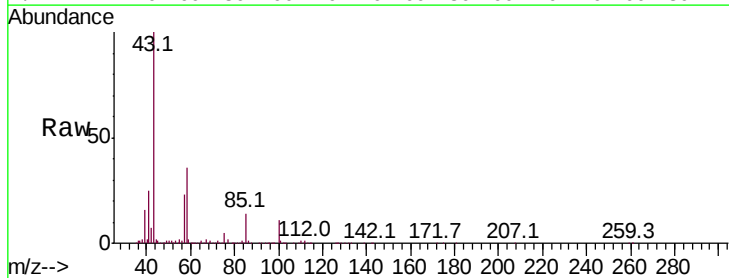
Acq: 18 Oct 2021 16:19

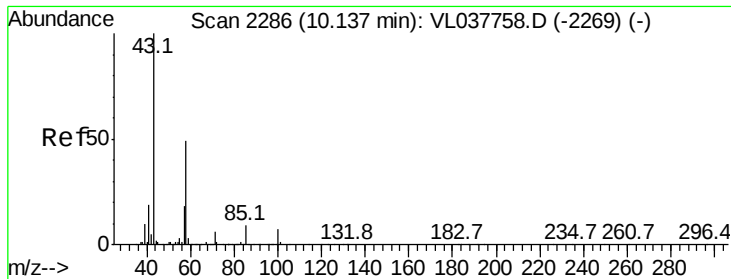
Tgt Ion: 43 Resp: 2320450

Ion Ratio Lower Upper

43 100

58 36.8 29.4 44.0



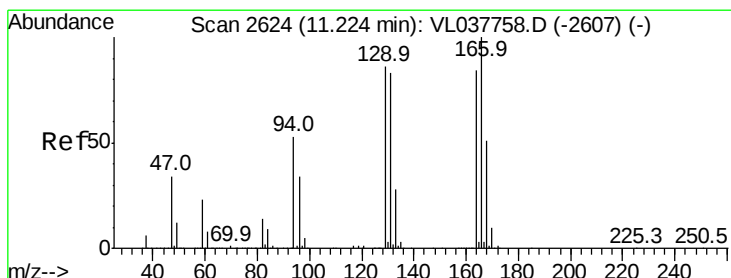
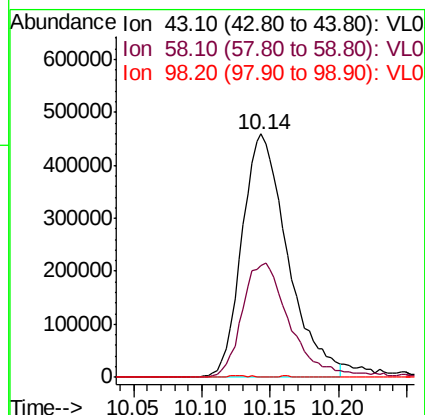
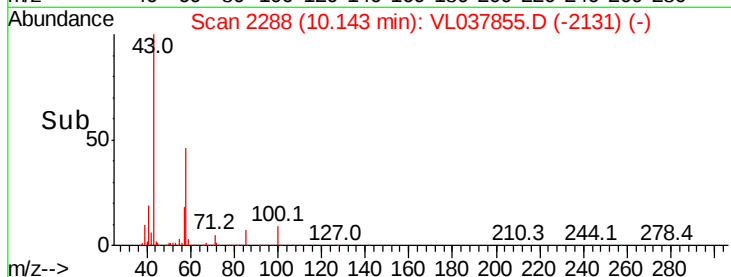
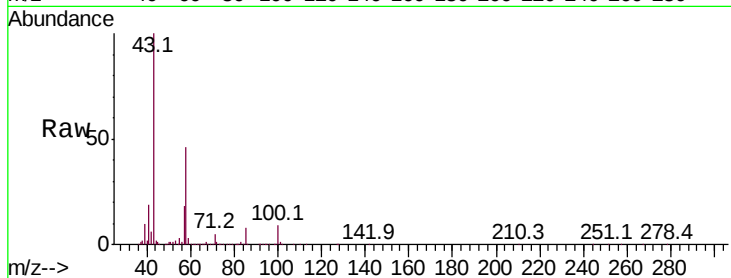


#51
2-Hexanone
Concen: 11.210 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VL1018ABS01
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
43 100
58 50.0
98 0.0

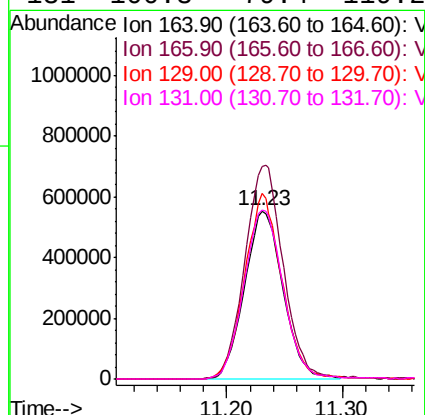
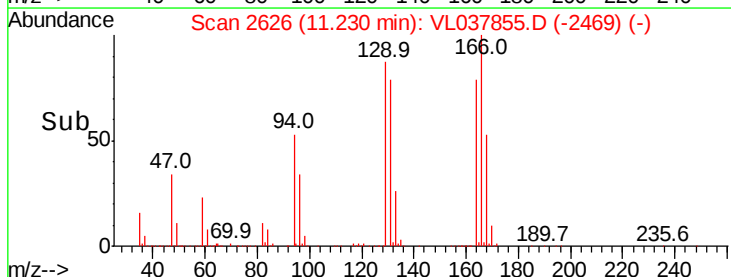
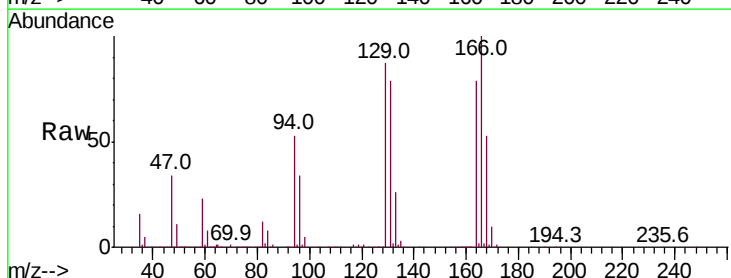
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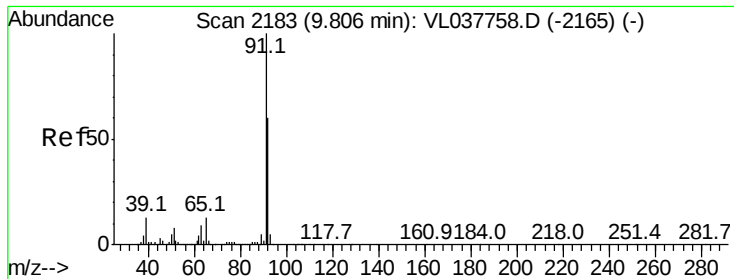
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#52
Tetrachloroethene
Concen: 9.452 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:164 Resp: 1272007
Ion Ratio Lower Upper
164 100
166 126.2 95.4 143.2
129 110.4 82.2 123.4
131 100.3 79.4 119.2





#53

Toluene

Concen: 10.698 ppbv

RT: 9.82

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

91 100

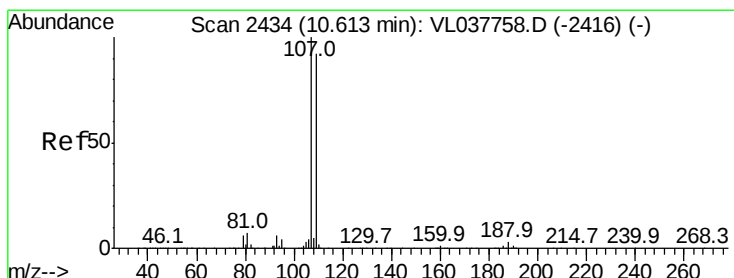
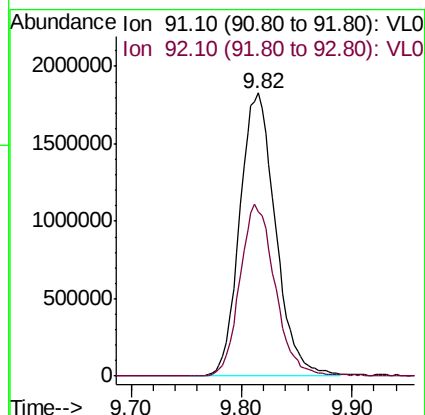
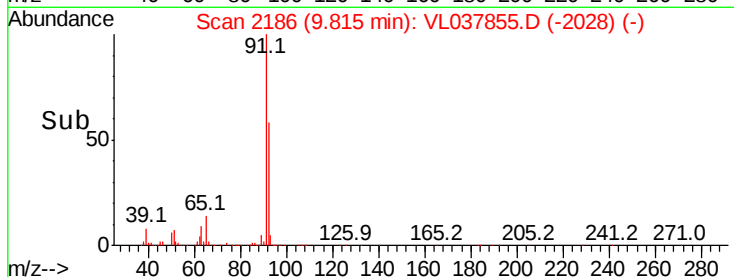
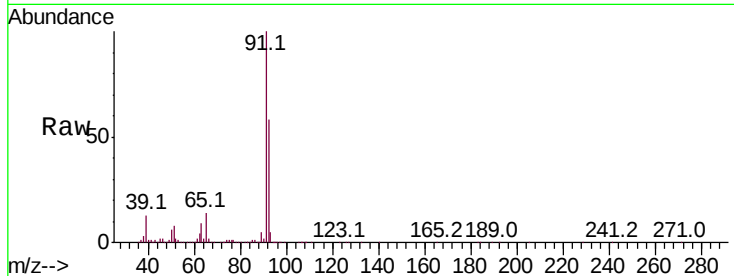
92 60.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#54

1,2-Dibromoethane

Concen: 10.485 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL037855.D

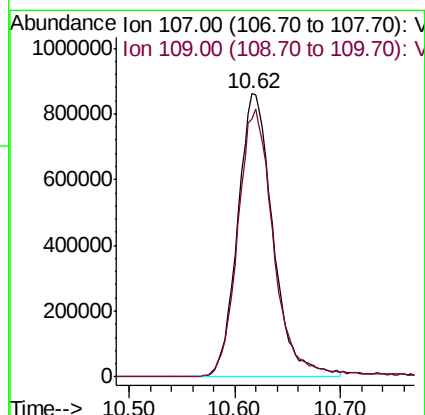
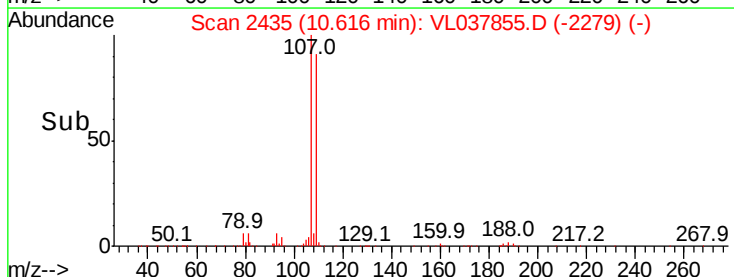
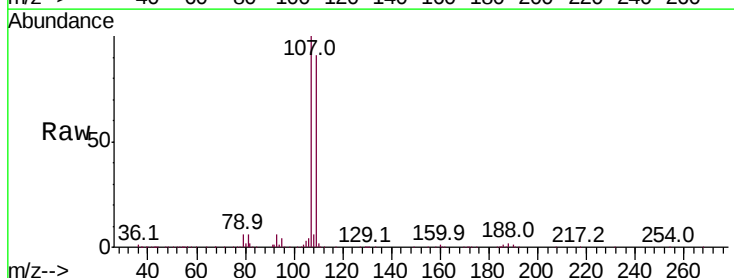
Acq: 18 Oct 2021 16:19

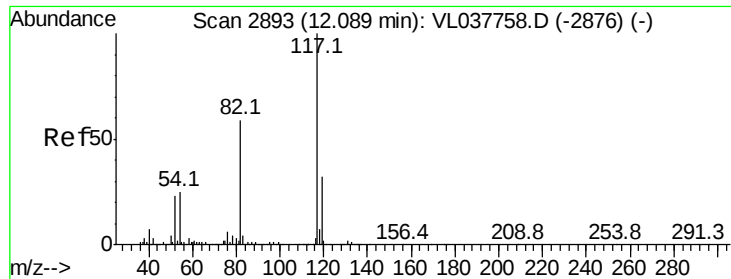
Tgt Ion:107 Resp: 2003226

Ion Ratio Lower Upper

107 100

109 90.9 73.8 110.6



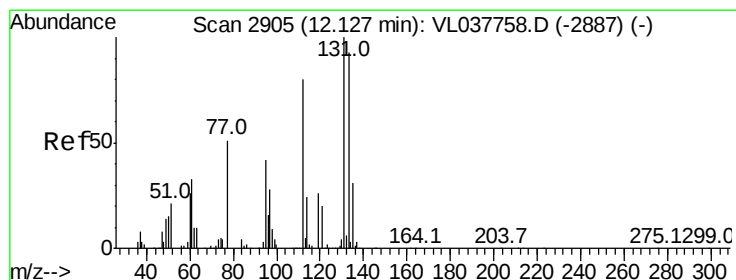
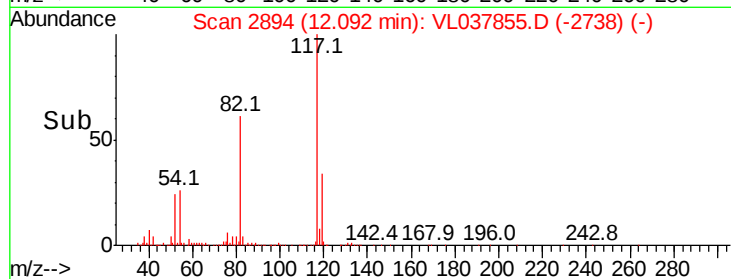
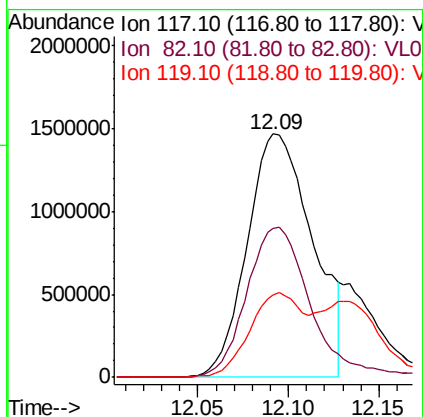
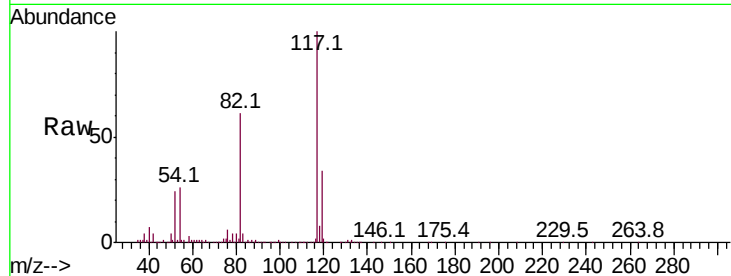


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument : MSVOA_1
Delta R.T.
Lab File: ClientSampleId : VL1018ABS01
Acq: 18 Oct 2021 16:19

Tot Ion:1
Ion Rati
117 100
82 63.
119 30.

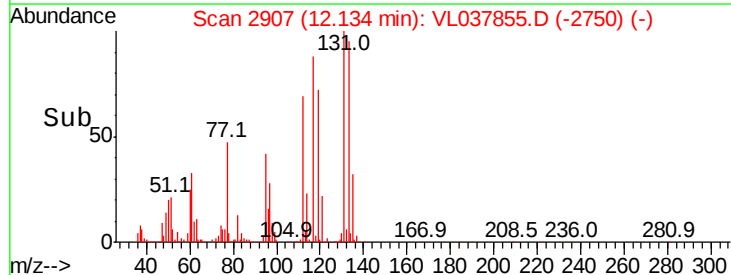
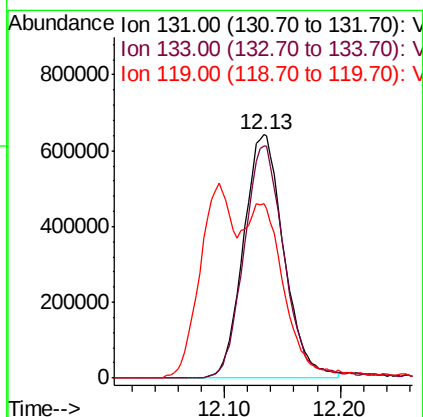
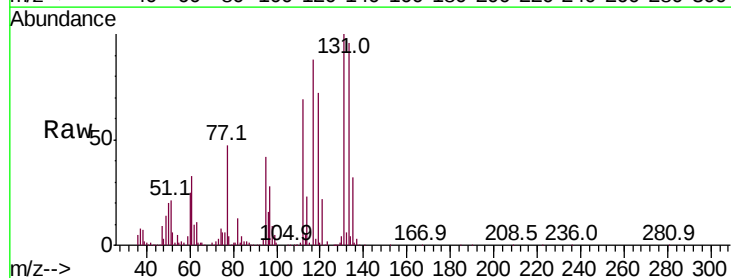
Manual Integrations
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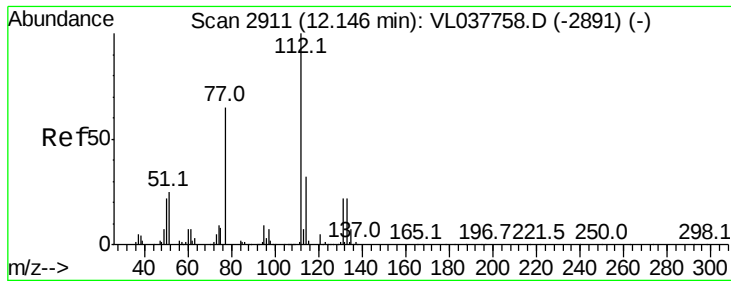
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.204 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:131 Resp: 1555866
Ion Ratio Lower Upper
131 100
133 97.8 78.5 117.7
119 73.2 51.7 77.5





#57

Chlorobenzene

Concen: 9.867 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:1

Ion Rati

112 100

77 63.

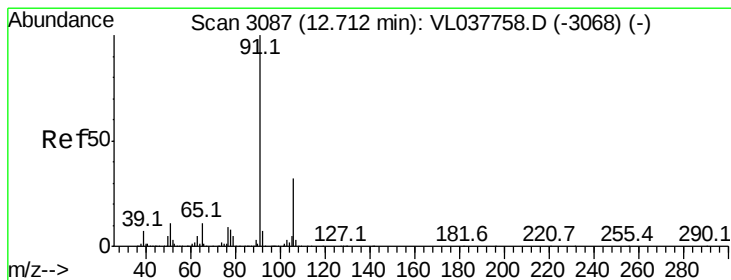
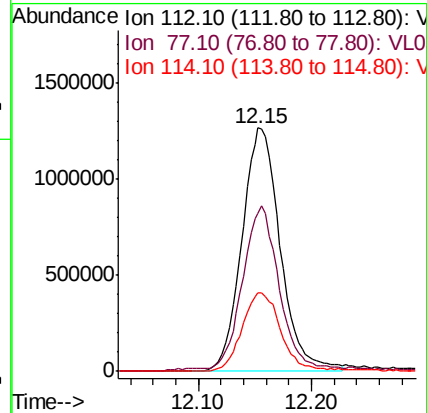
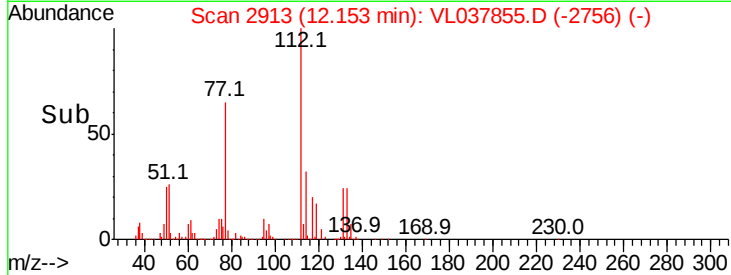
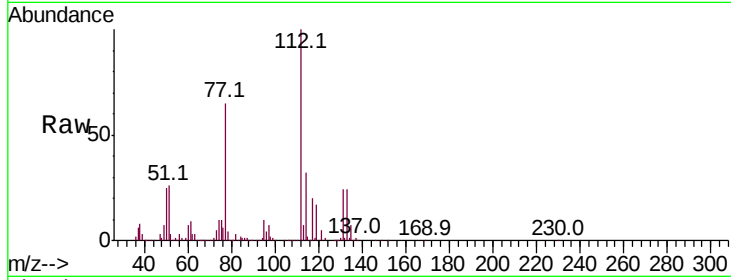
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#58

Ethyl Benzene

Concen: 10.374 ppbv

RT: 12.72 min Scan# 3089

Delta R.T. 0.01 min

Lab File: VL037855.D

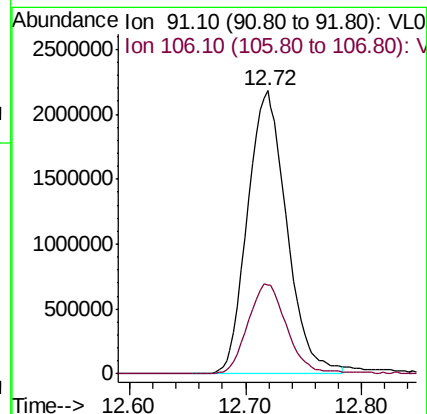
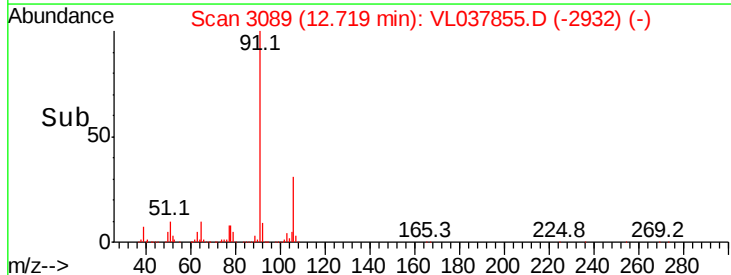
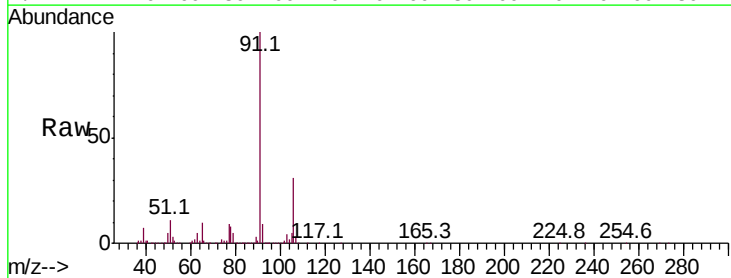
Acq: 18 Oct 2021 16:19

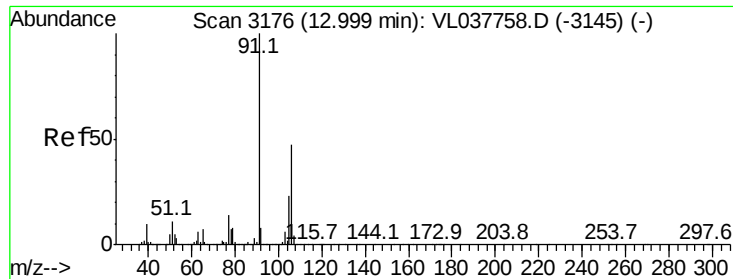
Tgt Ion: 91 Resp: 5130711

Ion Ratio Lower Upper

91 100

106 31.2 25.3 37.9



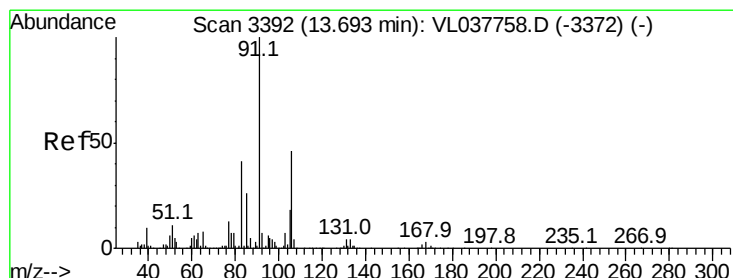
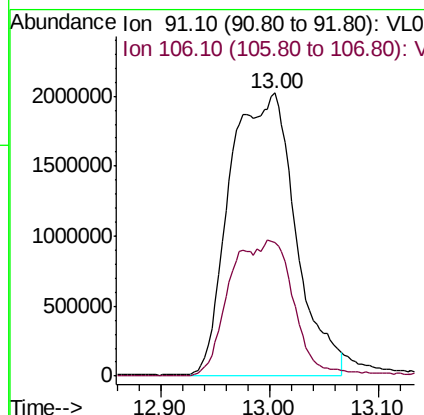
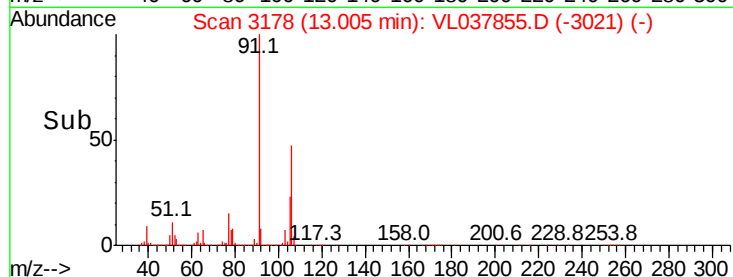
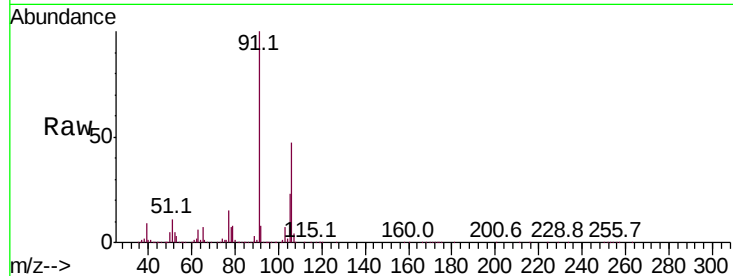


#59
m/p-Xylene
Concen: 19.980 ppbv m
RT: 13.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Oct 2021 16:19

Tot Ion:
Ion Ratio
91 100
106 47.

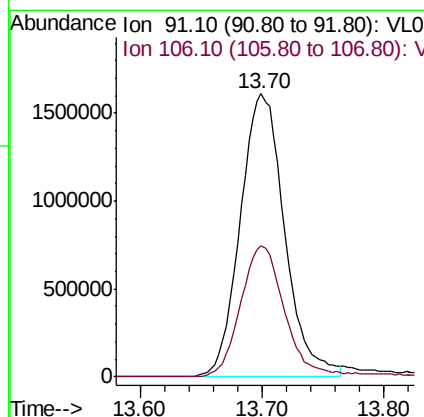
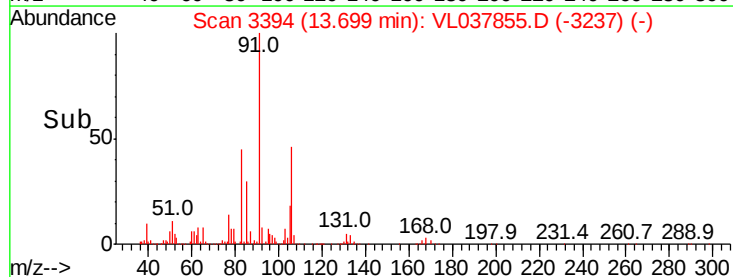
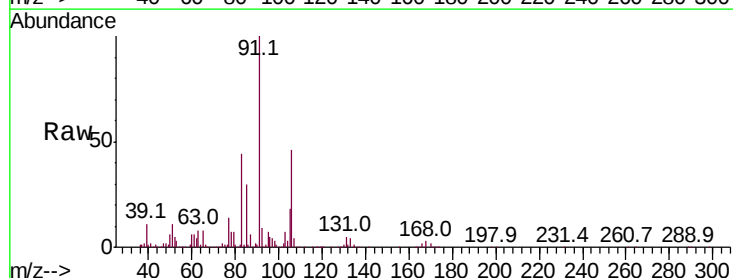
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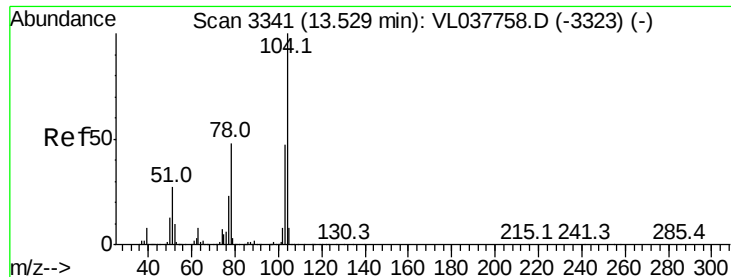
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#60
o-Xylene
Concen: 9.913 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 4033361
Ion Ratio Lower Upper
91 100
106 47.6 23.5 70.5



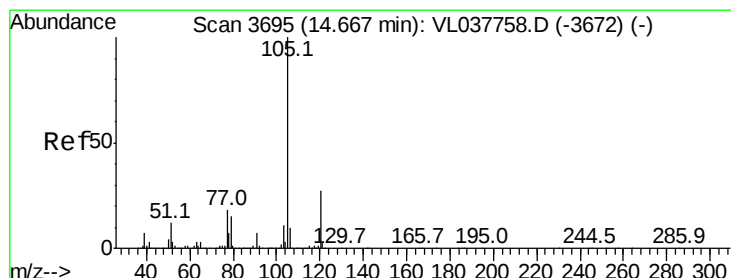
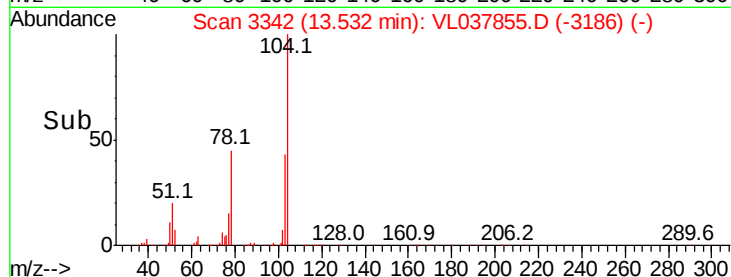
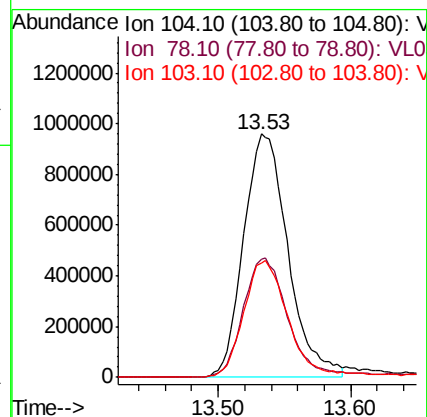
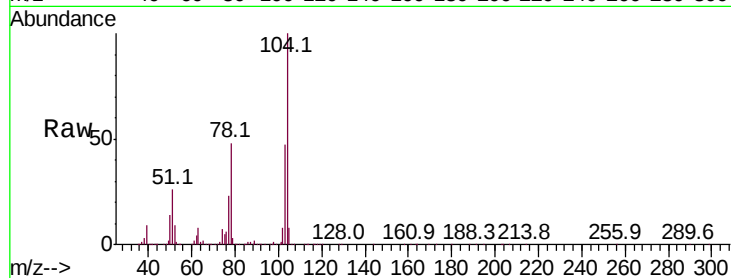


#61
Stvrene
Concen: 11.354 ppbv
RT: 13.53 min
Delta R.T.: 0.01 min
Lab File: VL1018ABS01
Acq: 18 Oct 2021 16:19

Tot Ion: 1
Ion Ratio
104 100
78 50.0
103 49.0

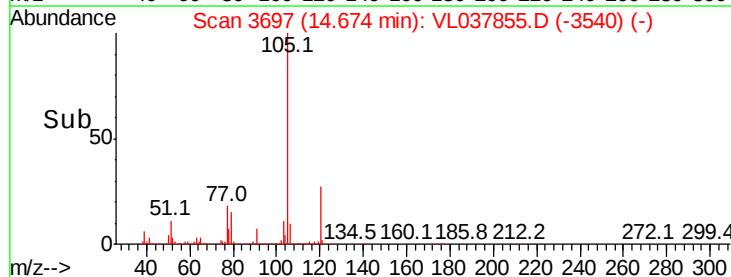
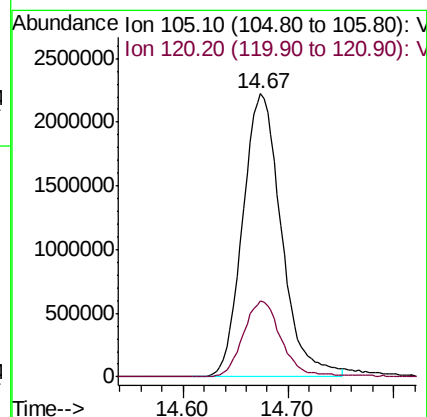
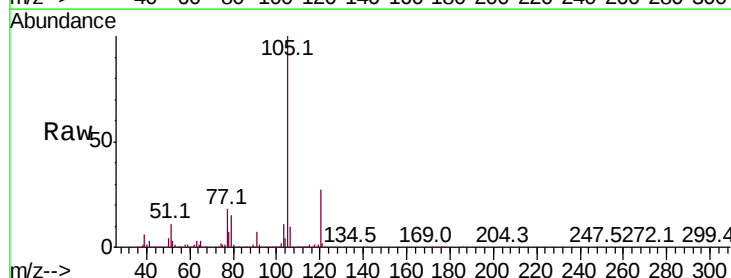
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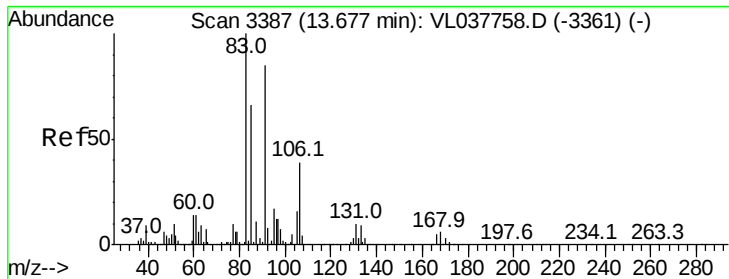
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#62
Isopropylbenzene
Concen: 10.000 ppbv
RT: 14.67 min Scan# 3697
Delta R.T.: 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 105 Resp: 5675030
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 9.385 ppbv

RT: 13.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

83 100

131 10.

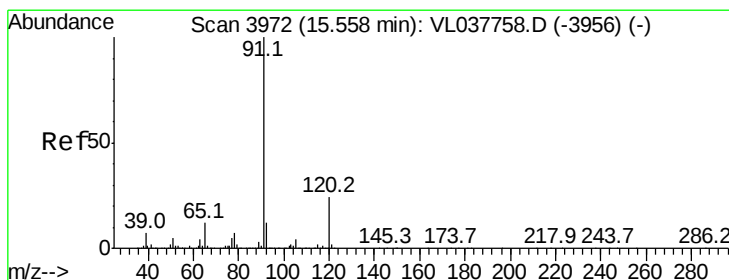
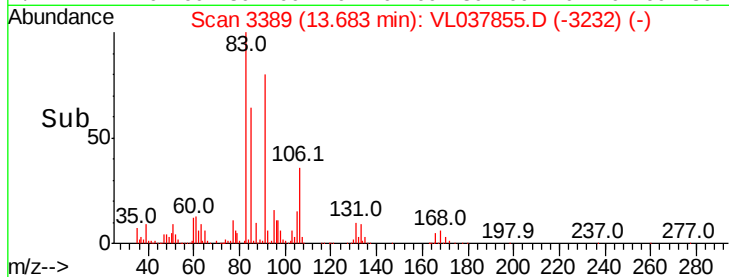
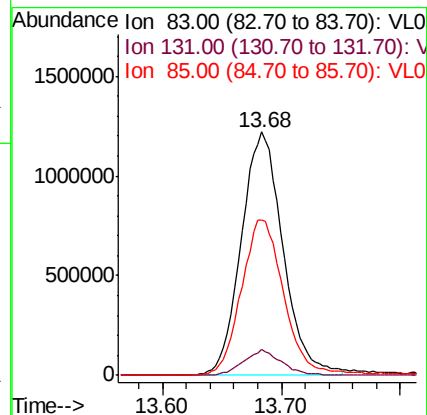
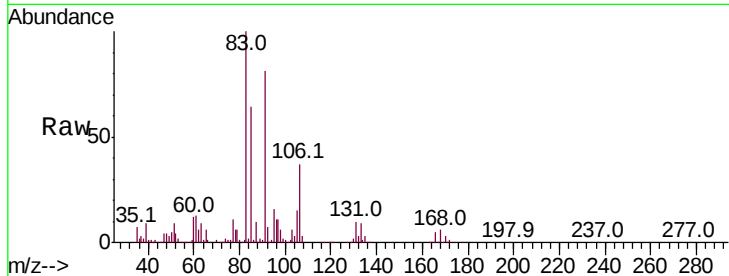
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#64

n-propylbenzene

Concen: 10.623 ppbv

RT: 15.57 min Scan# 3975

Delta R.T. 0.01 min

Lab File: VL037855.D

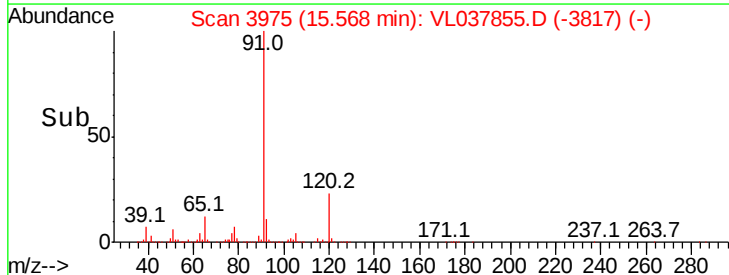
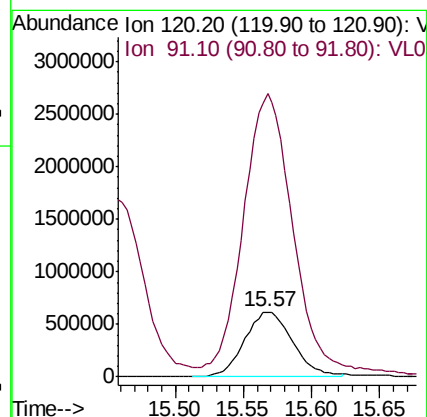
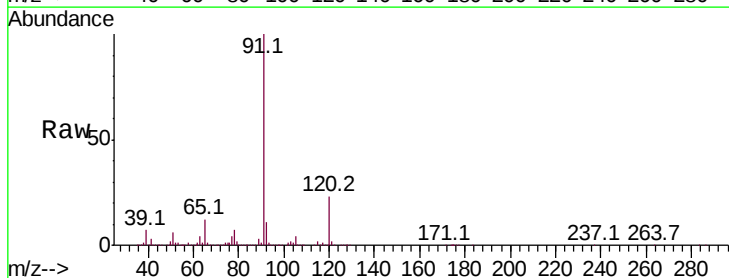
Acq: 18 Oct 2021 16:19

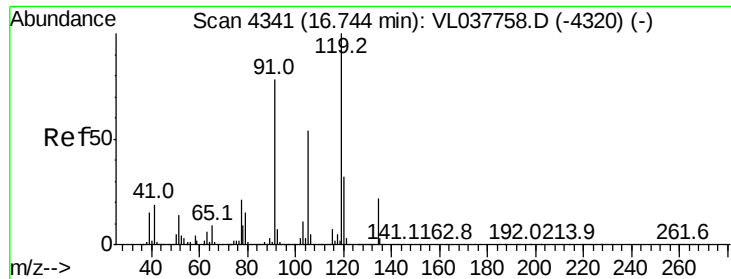
Tgt Ion:120 Resp: 1503410

Ion Ratio Lower Upper

120 100

91 465.1 375.0 562.6



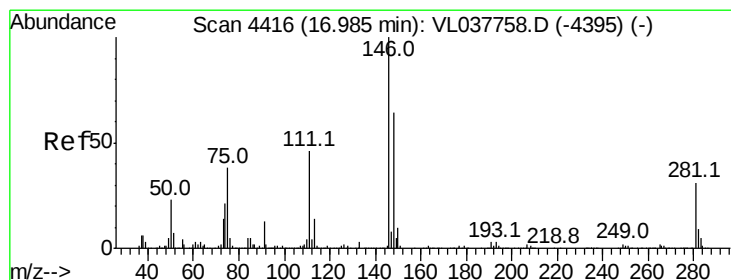
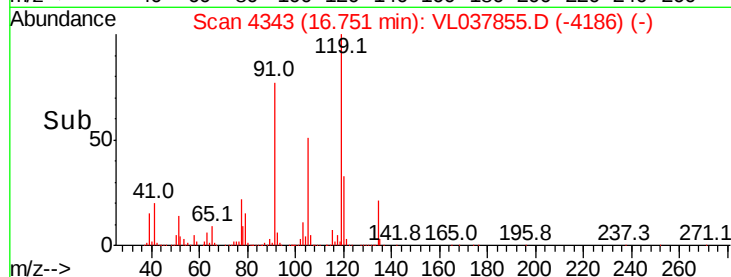
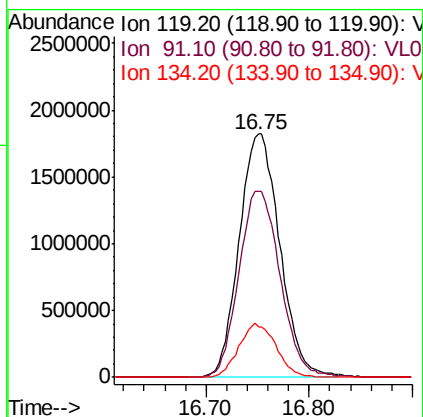
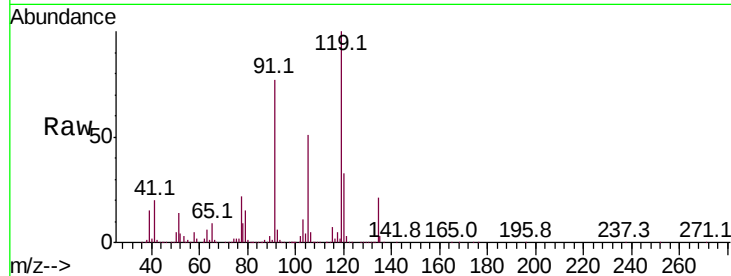


#65
tert-Butylbenzene
Concen: 9.981 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1018ABS01
Acq: 18 Oct 2021 16:19

Tot Ion: 1
Ion Ratio
119 100
91 77.
134 20.

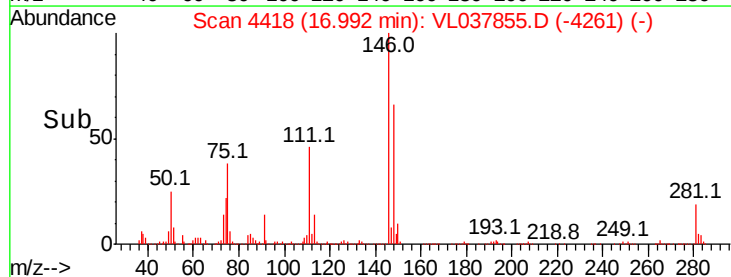
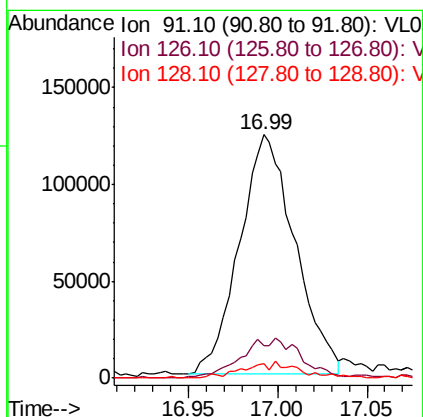
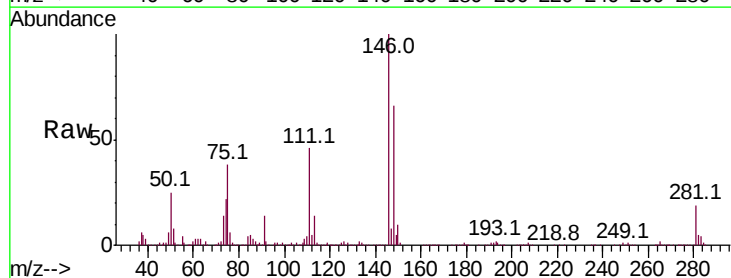
Manual Integrations
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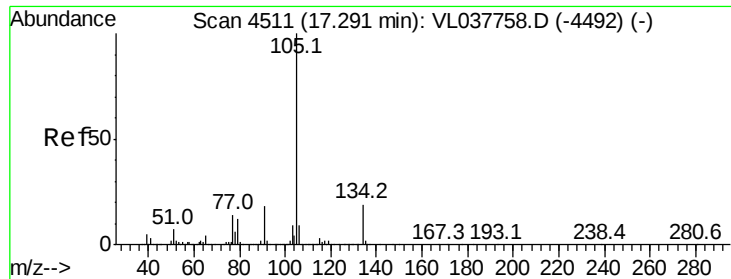
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#66
Benzyl Chloride
Concen: 10.913 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 268982
Ion Ratio Lower Upper
91 100
126 18.9 0.0 0.0#
128 6.7 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.157 ppbv

RT: 17.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Oct 2021 16:19

Tot Ion:1

Ion Ratio

105 100

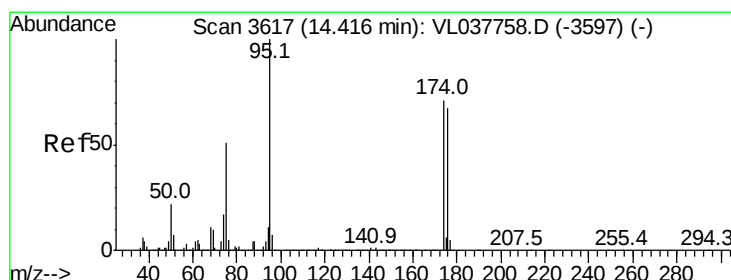
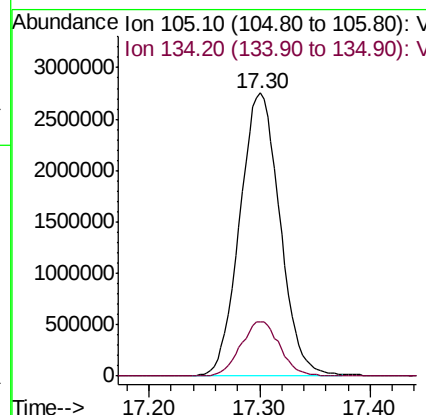
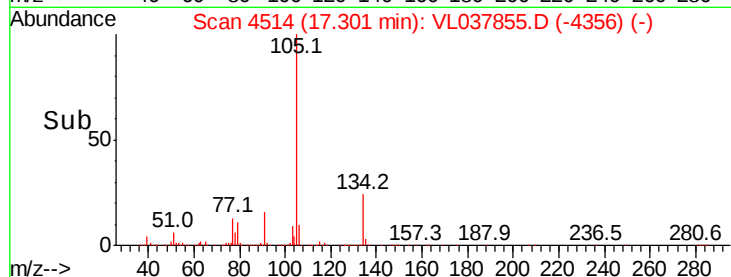
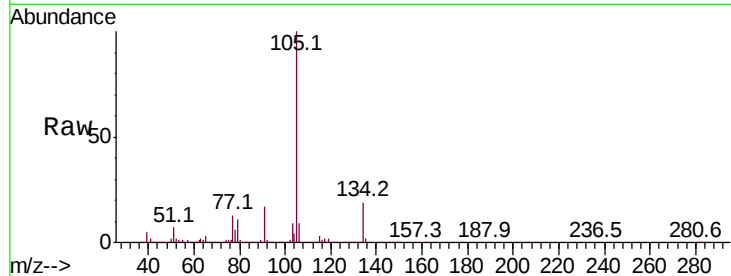
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.898 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

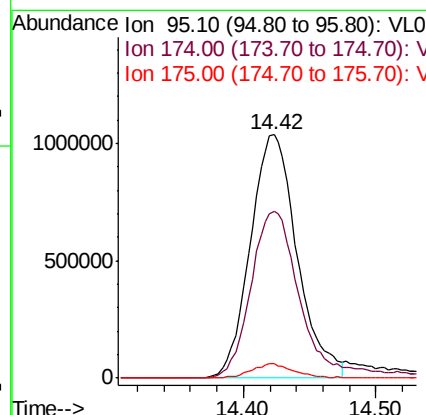
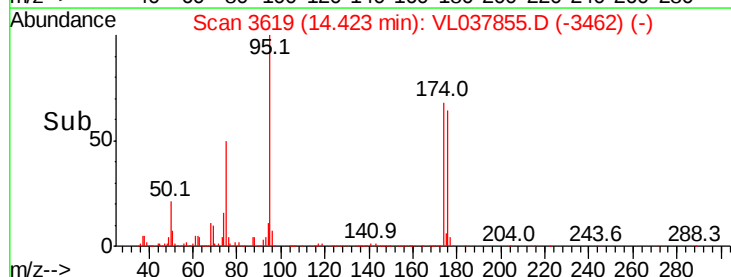
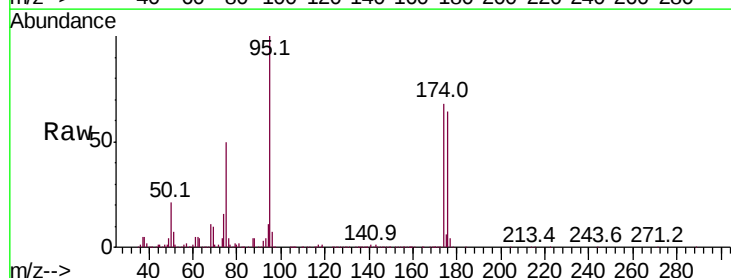
Tgt Ion: 95 Resp: 2549462

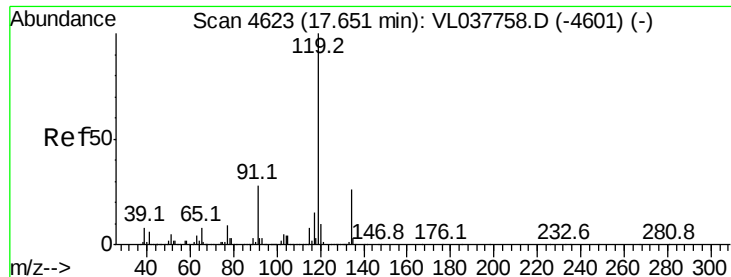
Ion Ratio Lower Upper

95 100

174 74.8 57.8 86.6

175 5.6 4.7 7.1



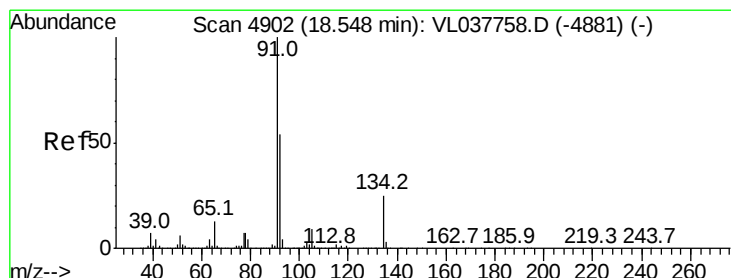
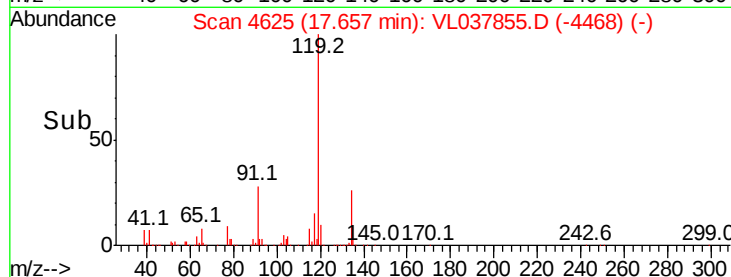
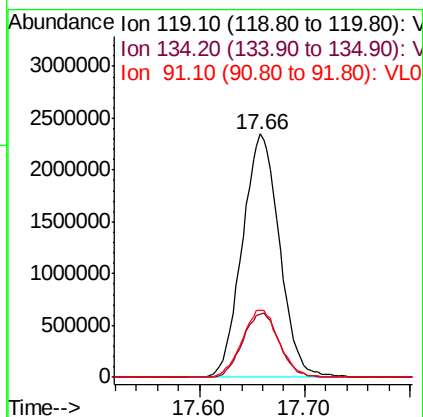
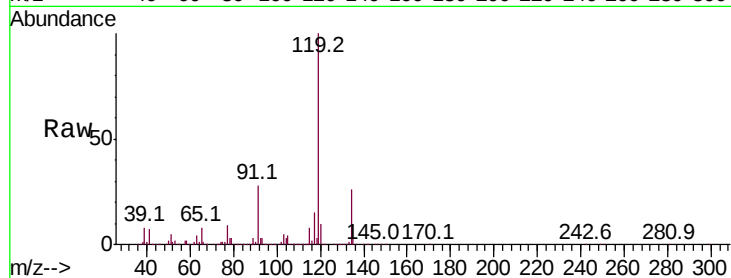


#69
 p-Isopropyltoluene
 Concen: 10.391 ppbv
 RT: 17.66 min
 Delta R.T.: 0.01 min
 Lab File: VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

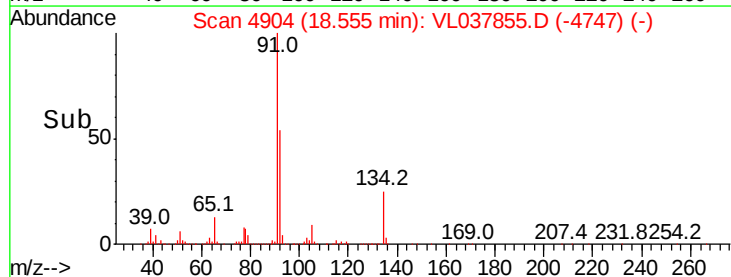
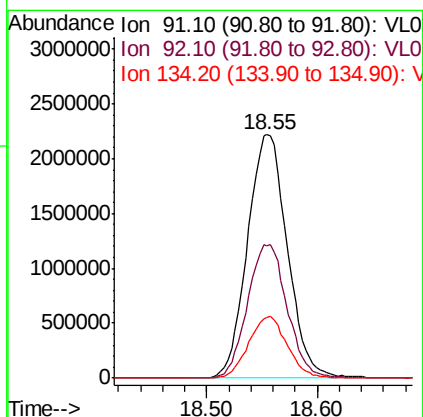
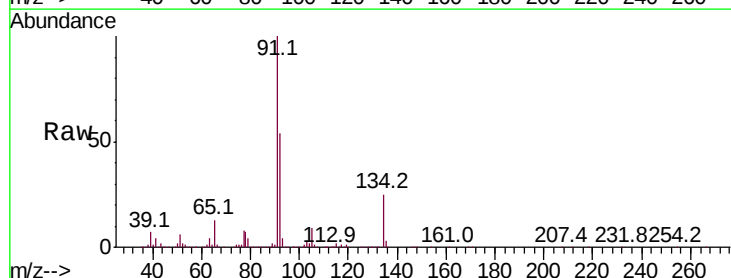
Manual Integrations
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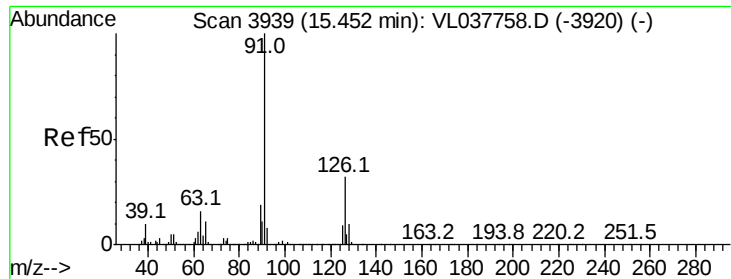
Reviewed By : Semsettin Yesilyurt 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021



#70
 n-Butylbenzene
 Concen: 10.549 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 5533806
 Ion Ratio Lower Upper
 91 100
 92 55.1 43.4 65.0
 134 24.8 19.8 29.6





#71

2-Chlorotoluene

Concen: 10.312 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 16:19

Tot Ion:

Ion Ratio

91 100

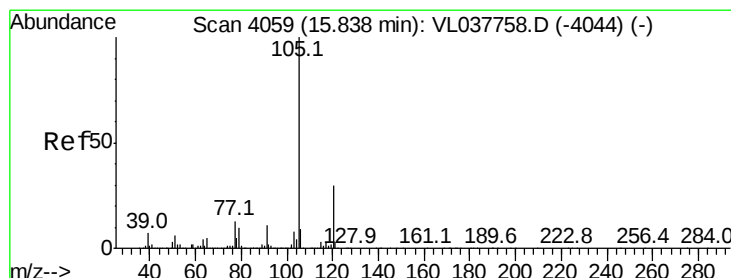
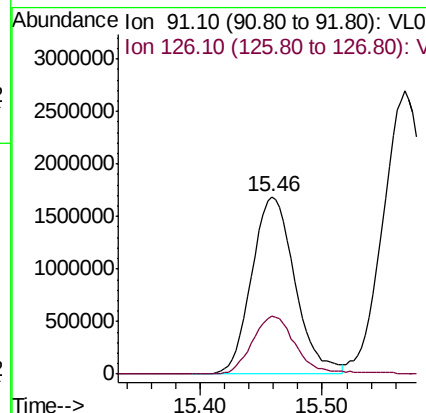
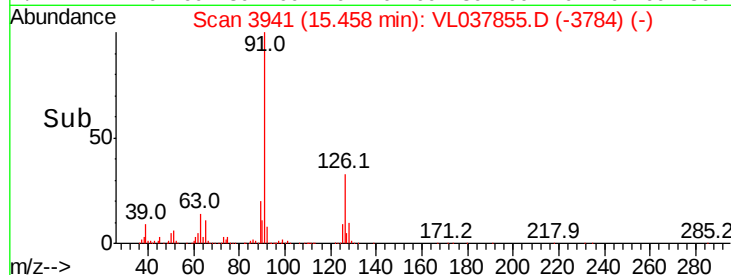
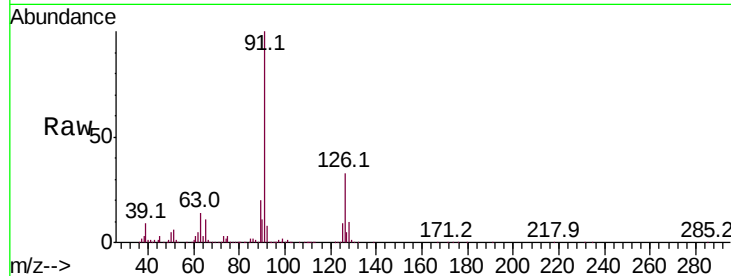
126 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#72

4-Ethyltoluene

Concen: 10.554 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

Tgt Ion:105 Resp: 4875971

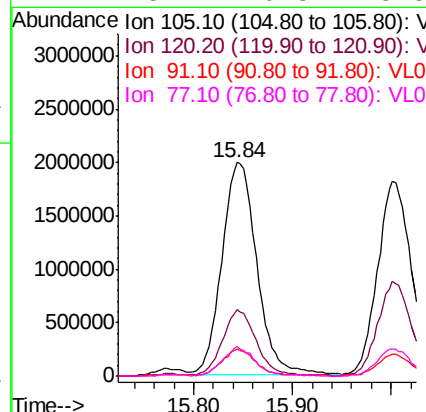
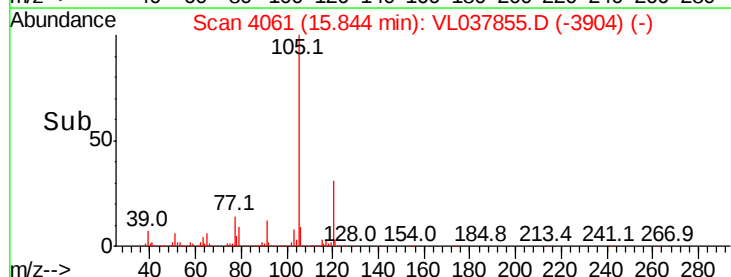
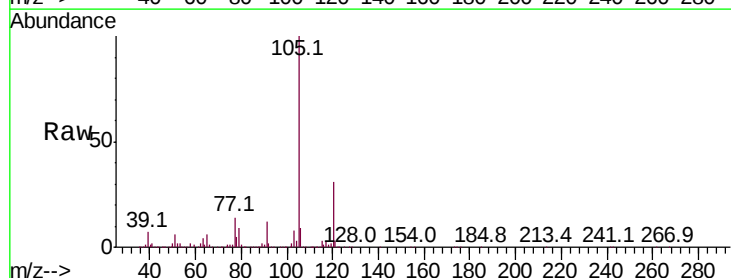
Ion Ratio Lower Upper

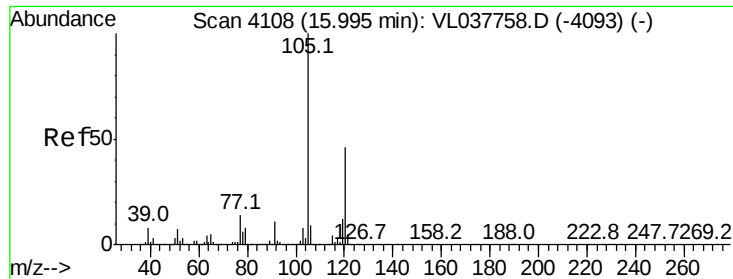
105 100

120 30.9 24.2 36.2

91 12.1 10.4 15.6

77 13.2 10.3 15.5



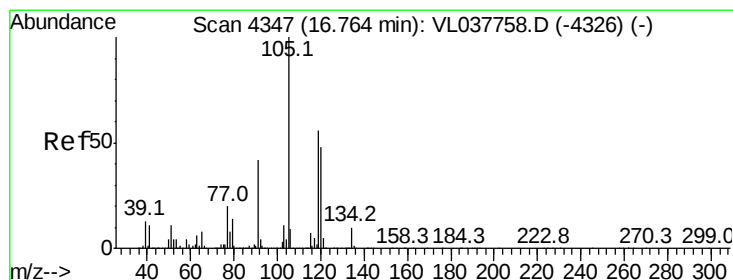
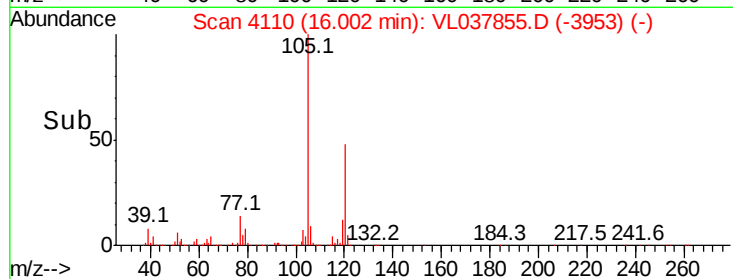
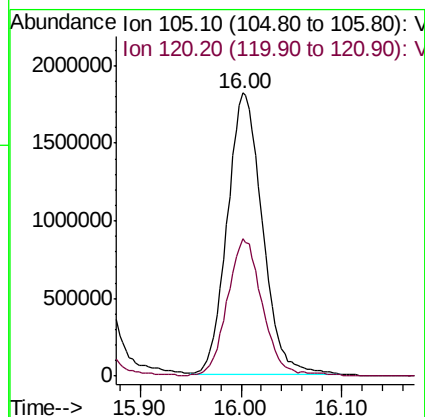
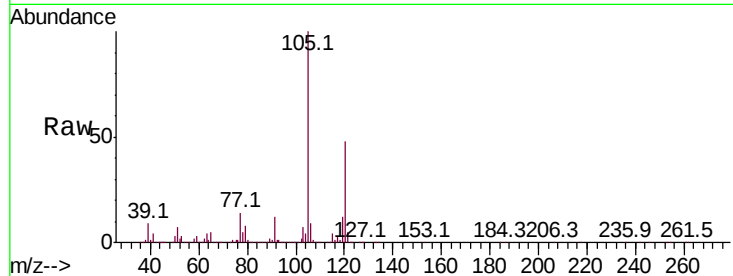


#73
 1,3,5-Trimethylbenzene
 Concen: 10.448 ppbv
 RT: 16.00 min
 Delta R.T. 0.00 min
 Lab File: VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion: 1
 Ion Ratio
 105 100
 120 48.

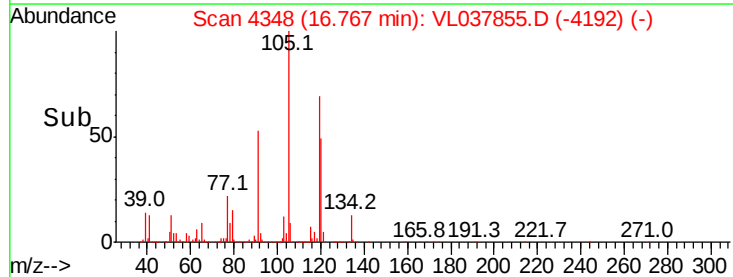
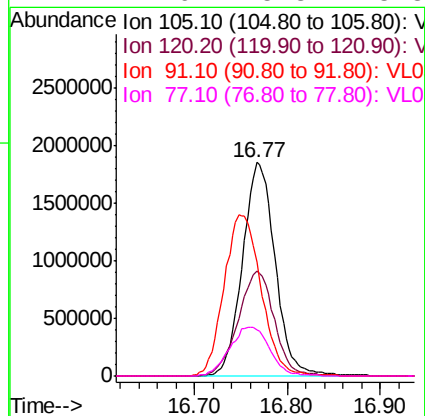
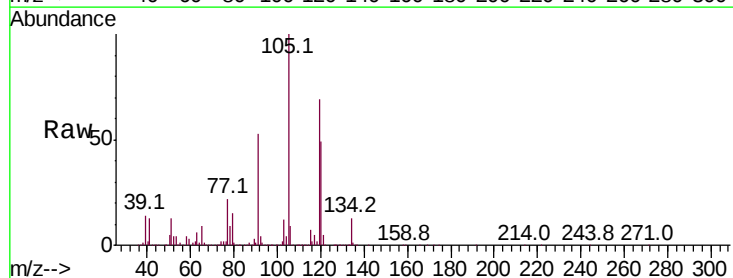
Manual Integrations
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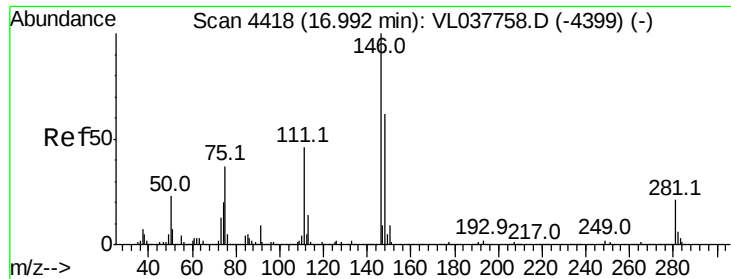
Reviewed By : Semsettin Yesilyurt 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 10.314 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. 0.00 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion: 105 Resp: 4545055
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.4 57.6
 91 52.9 34.2 51.2#
 77 21.6 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 10.016 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 18 Oct 2021 16:19

Tot Ion:1

Ion Rati

146 100

111 45.

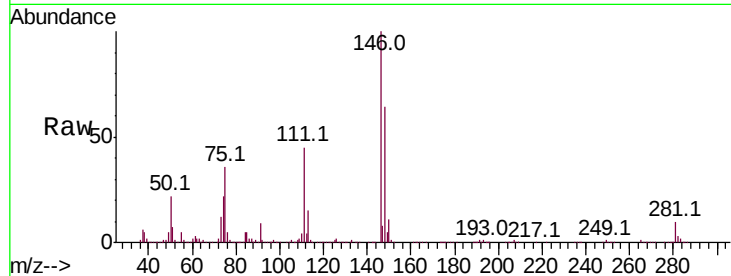
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

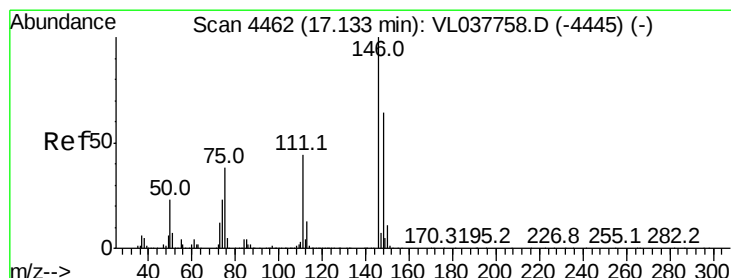
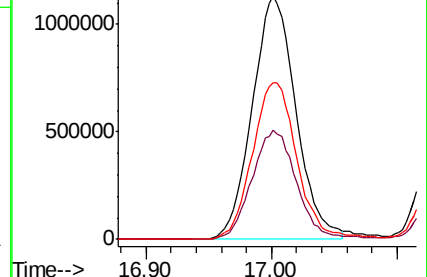
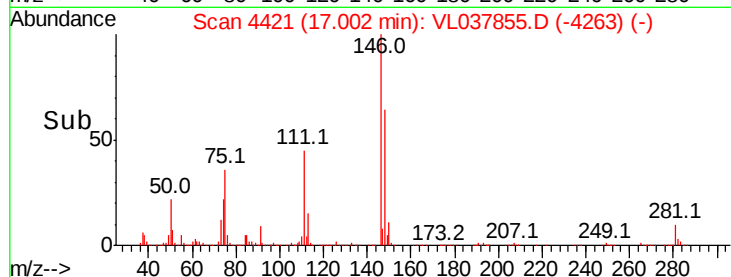
Supervised By :Mahesh Dadoda 10/27/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 10.089 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.01 min

Lab File: VL037855.D

Acq: 18 Oct 2021 16:19

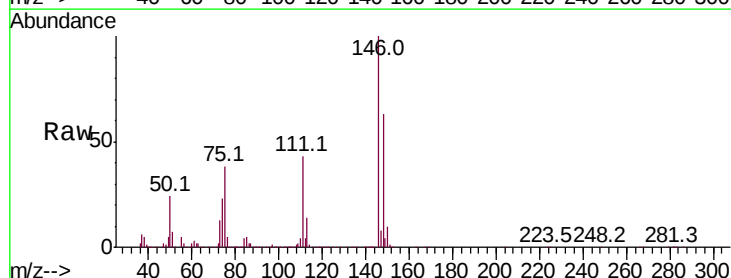
Tgt Ion:146 Resp: 2627741

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.3

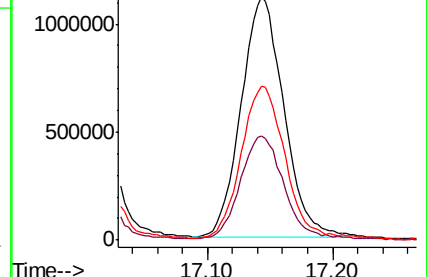
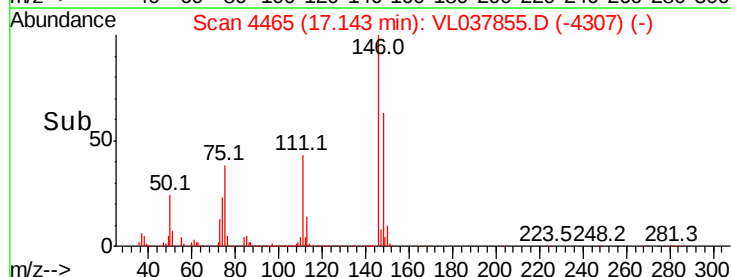
148 67.6 33.3 99.9

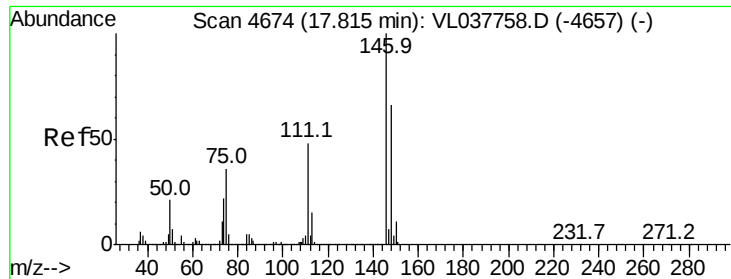


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



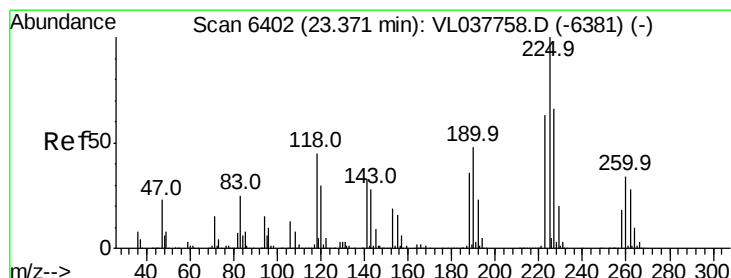
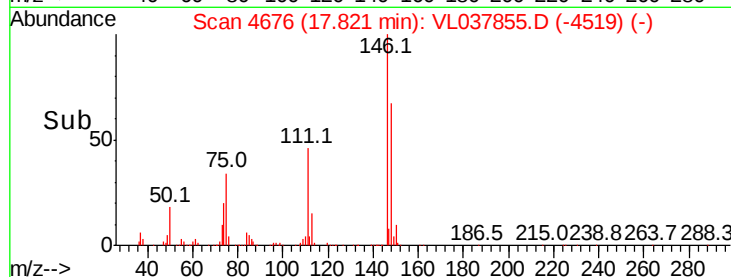
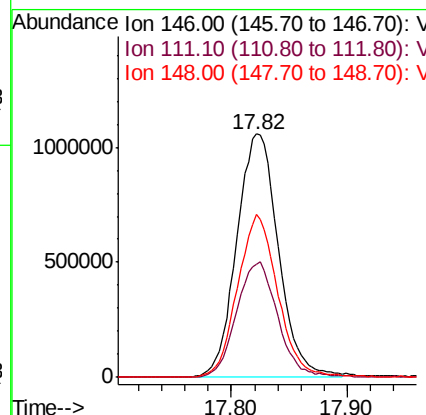
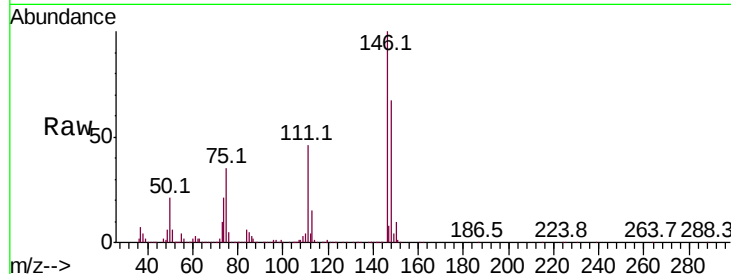


#77
 1,2-Dichlorobenzene
 Concen: 10.025 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1018ABS01
 Acq: 18 Oct 2021 16:19

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 65.

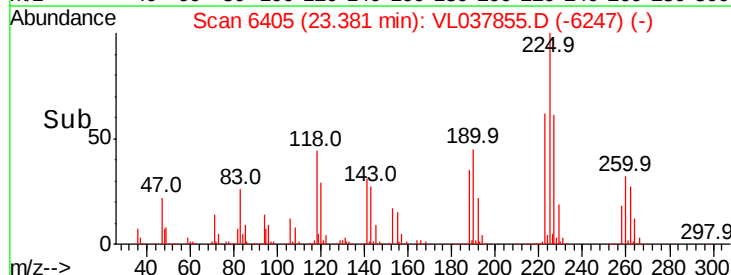
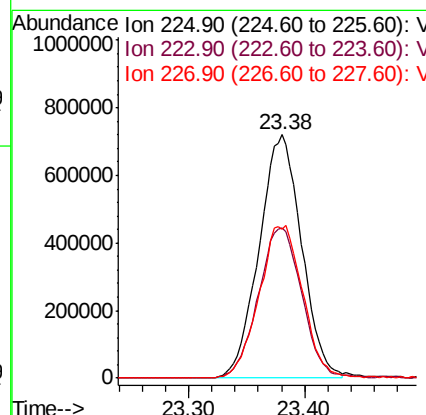
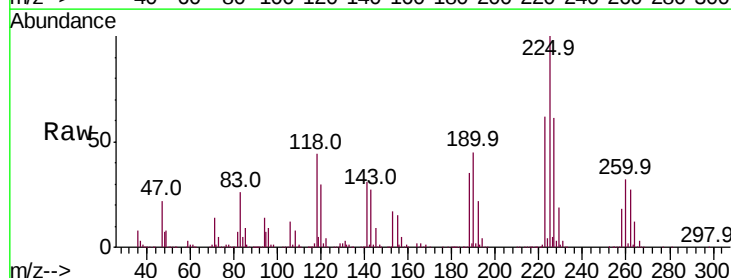
Manual Integrations
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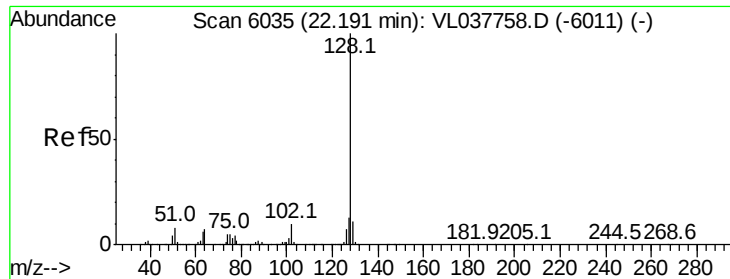
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.549 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T.: 0.01 min
 Lab File: VL037855.D
 Acq: 18 Oct 2021 16:19

Tgt Ion:225 Resp: 1830826
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.2 76.8
 227 65.2 51.1 76.7



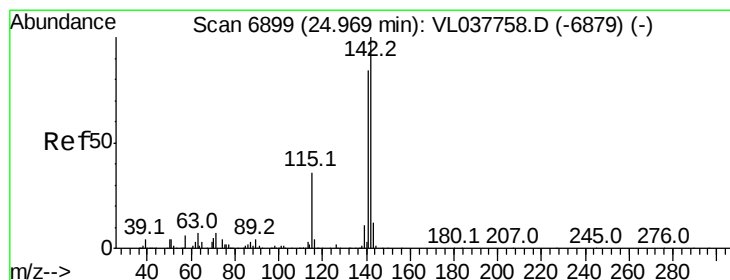
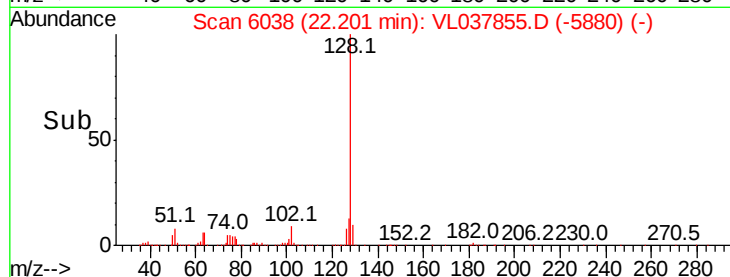
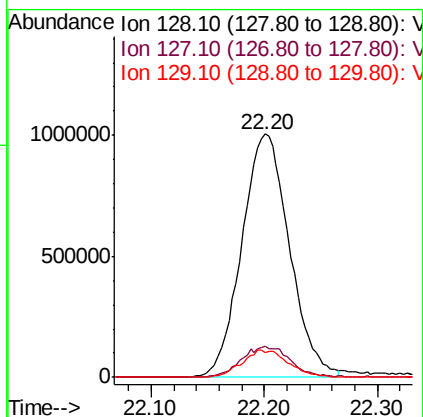
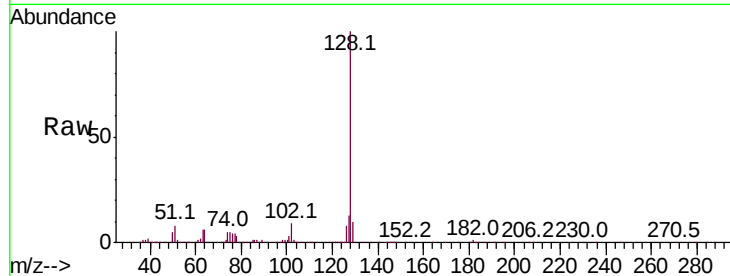


#79
Naphthalene
Concen: 10.859 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1018ABS01
Acq: 18 Oct 2021 16:19

Tot Ion: 1
Ion Ratio
128 100
127 12.
129 10.

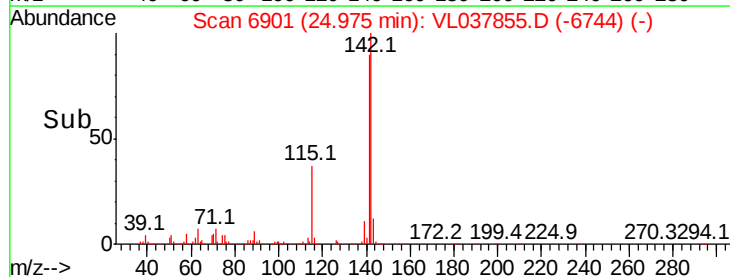
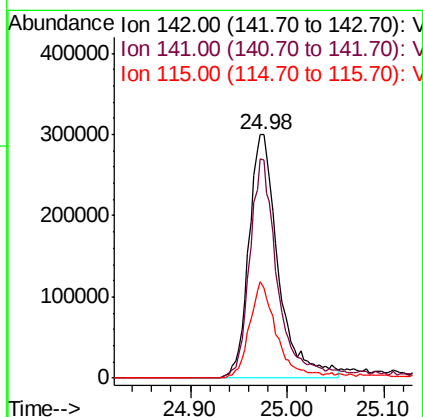
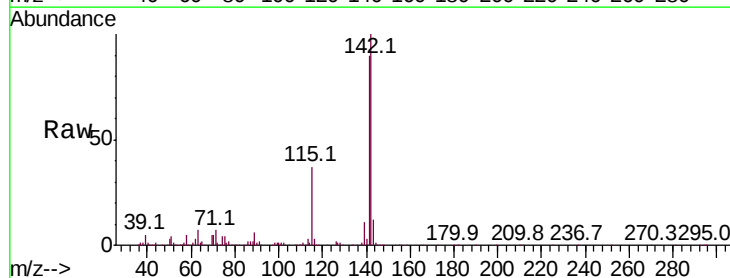
Manual Integrations
APPROVED

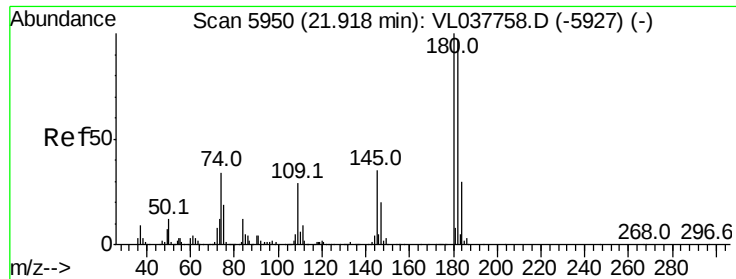
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#80
Naphthalene, 2-methyl-
Concen: 8.739 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 142 Resp: 633296
Ion Ratio Lower Upper
142 100
141 85.6 68.6 102.8
115 37.8 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.486 ppbv m
 RT: 21.93
 Delta R.T
 Lab File: ClientSampleId :
 Acq: 18 Oct 2021 18:19

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

