

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038052.D
 Acq On : 18 Nov 2021 12:35
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 13:09:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 10:39:10 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	892616	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2727312	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2562060m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1883111m	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1463284	8.058	ppbv 96
3) Chlorodifluoromethane	3.00	51	2500935	10.778	ppbv 100
4) Chloromethane	3.15	50	906812	10.982	ppbv 97
5) Vinyl Chloride	3.26	62	890558	11.237	ppbv 97
6) Bromomethane	3.48	94	484668	11.442	ppbv 99
7) Chloroethane	3.56	64	309825	11.115	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	1851183	9.842	ppbv 100
9) Propene	3.02	41	918790	10.498	ppbv 98
10) Heptane	8.12	43	2249467	10.443	ppbv 100
11) Trichlorofluoromethane	3.96	101	1877167	10.463	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1307047	9.399	ppbv 99
13) Ethanol	3.61	45	80090m	10.322	ppbv
14) Bromoethene	3.74	108	636161	10.941	ppbv 95
15) Acetone	3.85	43	1015745	9.679	ppbv 98
16) 1,3-Butadiene	3.33	39	846025	10.886	ppbv 98
17) tert-Butyl alcohol	4.29	59	1218488	8.645	ppbv 99
18) 1,1-Dichloroethene	4.29	96	614688	9.577	ppbv 98
19) Isopropyl Alcohol	3.97	45	672793	8.754	ppbv 100
20) Methylene Chloride	4.35	84	515114	8.368	ppbv 99
21) Allyl Chloride	4.42	41	967649	9.214	ppbv 100
22) trans-1,2-Dichloroethene	4.89	96	657868	10.159	ppbv 96
23) Vinyl Acetate	5.08	43	1611263	9.269	ppbv 98
24) 1,1-Dichloroethane	5.01	63	1254375	9.252	ppbv 98
25) Ethyl Acetate	5.68	43	3381114	13.695	ppbv 99
26) Hexane	5.69	57	1614604	13.018	ppbv 97
27) Carbon Disulfide	4.56	76	1578454	9.704	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	1436455	9.031	ppbv 100
29) Chloroform	5.76	83	2466659	13.205	ppbv 96
30) Cyclohexane	7.13	84	1489602	10.665	ppbv 98
31) cis-1,2-Dichloroethene	5.55	61	1636785	15.941	ppbv 99
32) 1,1,1-Trichloroethane	6.52	97	2536296	10.700	ppbv 100
34) 2-Butanone	5.25	43	1566472	17.414	ppbv 100
35) Carbon Tetrachloride	7.02	117	2589181	13.735	ppbv 99
36) Benzene	6.90	78	3535738	13.629	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1844211	15.315	ppbv 100
38) Trichloroethene	7.84	130	1273922	12.087	ppbv 98
39) 1,2-Dichloropropane	7.62	63	1391555	13.876	ppbv 98
40) 1,4-Dioxane	7.83	88	297547	11.505	ppbv # 1
41) Tetrahydrofuran	6.05	42	917491	14.214	ppbv 100
42) Bromodichloromethane	7.80	83	2690337	14.192	ppbv 99
43) Methyl Methacrylate	8.02	69	1324019	14.308	ppbv 99

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Instrument :
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 ClientSampleId :
 VSTDICC015

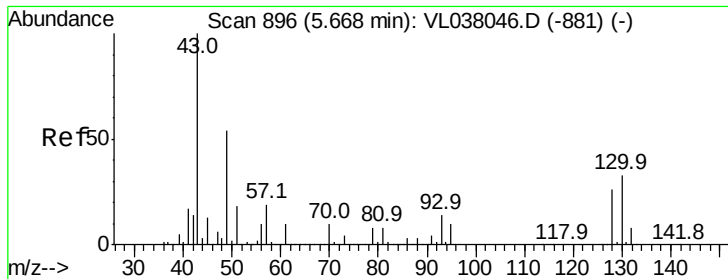
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5550119	12.453	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1207679	15.758	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1497729	14.953	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1406260	13.806	ppbv	94
48) Dibromochloromethane	10.30	129	2306952	13.930	ppbv	97
49) Bromoform	13.04	173	1658213	12.976	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2319925	14.302	ppbv	99
51) 2-Hexanone	10.14	43	1108411	14.634	ppbv #	100
52) Tetrachloroethene	11.22	164	1164858	11.894	ppbv	99
53) Toluene	9.81	91	3995826	13.171	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2070204	14.506	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1468213	13.124	ppbv	96
57) Chlorobenzene	12.15	112	2740215	13.044	ppbv	98
58) Ethyl Benzene	12.71	91	5135495	13.197	ppbv	99
59) m/p-Xylene	13.00	91	8342114m	25.798	ppbv	
60) o-Xylene	13.70	91	3954302	13.175	ppbv	98
61) Styrene	13.53	104	2349472m	14.038	ppbv	
62) Isopropylbenzene	14.67	105	5633031m	12.981	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	2636767	11.750	ppbv	99
64) n-propylbenzene	15.56	120	1445241	13.064	ppbv	99
65) tert-Butylbenzene	16.74	119	4506897	11.836	ppbv	99
66) Benzyl Chloride	16.99	91	311623	11.718	ppbv	98
67) sec-Butylbenzene	17.30	105	6343295	12.058	ppbv	99
69) p-Isopropyltoluene	17.65	119	5183372	12.223	ppbv	99
70) n-Butylbenzene	18.55	91	5072907	13.049	ppbv	100
71) 2-Chlorotoluene	15.45	91	3923858	12.633	ppbv	98
72) 4-Ethyltoluene	15.84	105	4808261	13.435	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	4212248	12.868	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4065194	12.335	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2360259	12.976	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2362108m	12.676	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	2216639	12.708	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1222357	10.804	ppbv	99
79) Naphthalene	22.19	128	2604573	14.405	ppbv	100
80) Naphthalene,2-methyl-	24.97	142	688359	20.164	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	1387822	13.574	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

49 100

128 53.

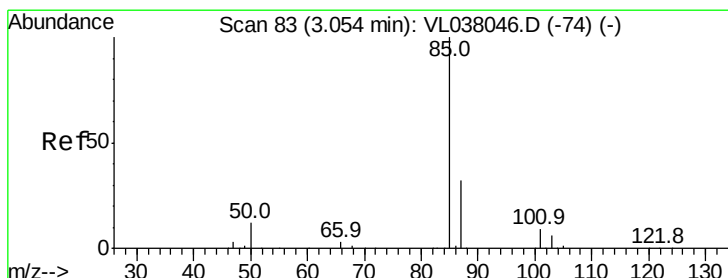
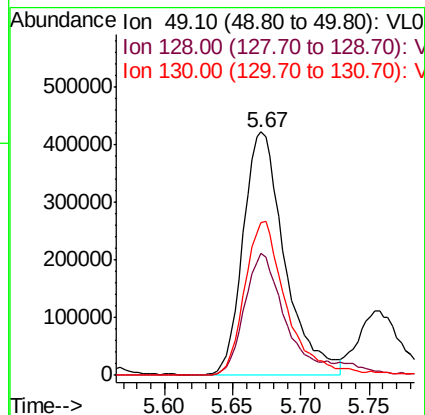
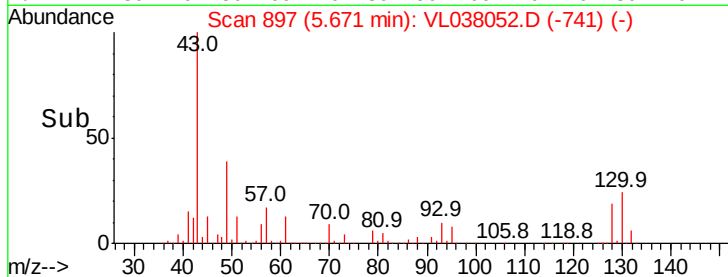
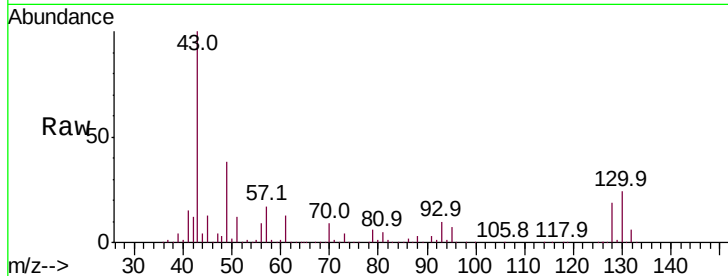
130 64.

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 8.058 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038052.D

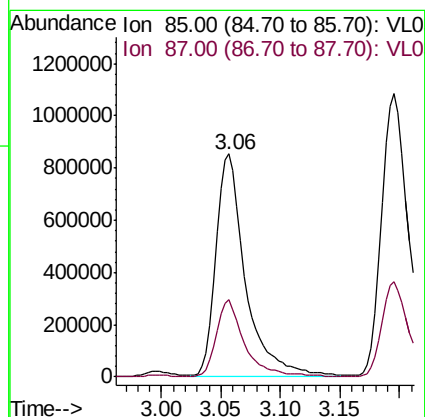
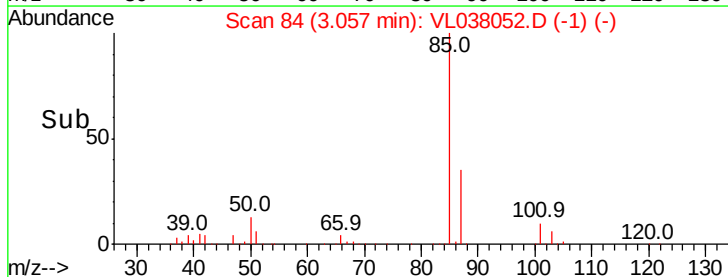
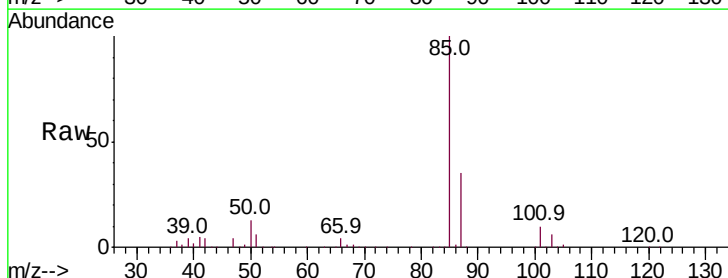
Acq: 18 Nov 2021 12:35

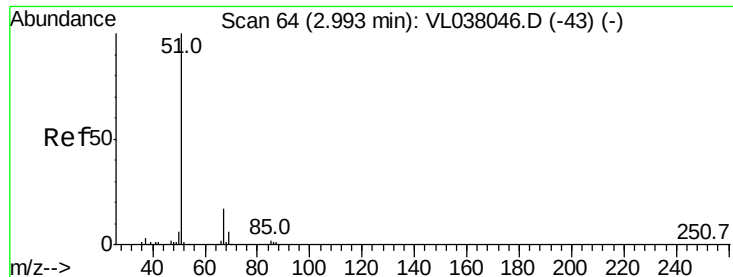
Tgt Ion: 85 Resp: 1463284

Ion Ratio Lower Upper

85 100

87 34.6 25.8 38.6





#3

Chlorodifluoromethane

Concen: 10.778 ppbv

RT: 3.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

51 100

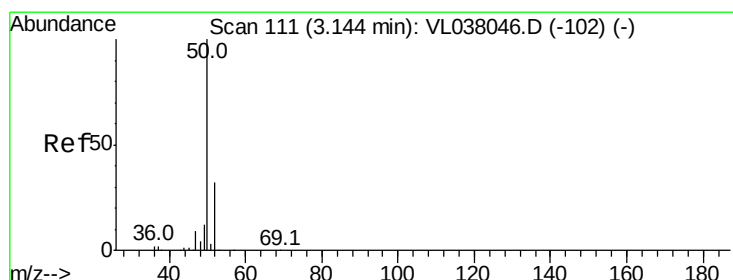
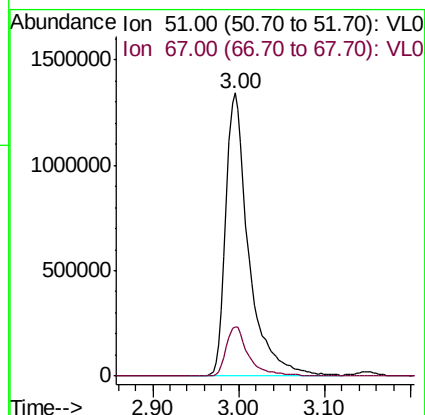
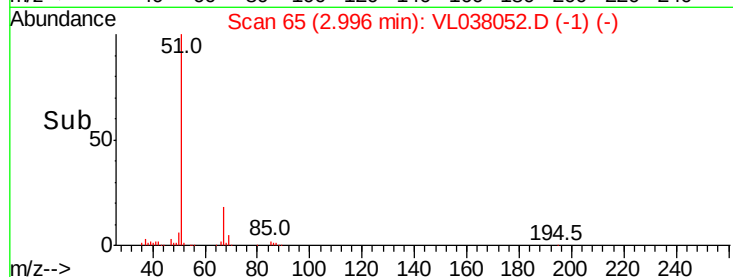
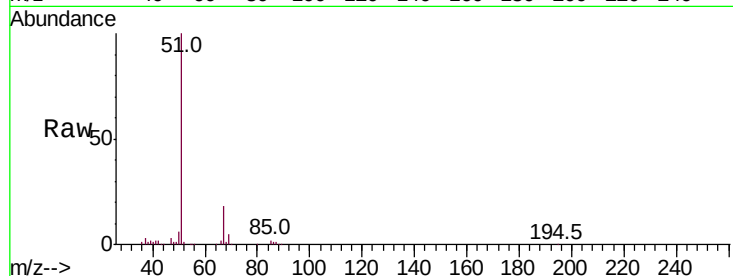
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#4

Chloromethane

Concen: 10.982 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038052.D

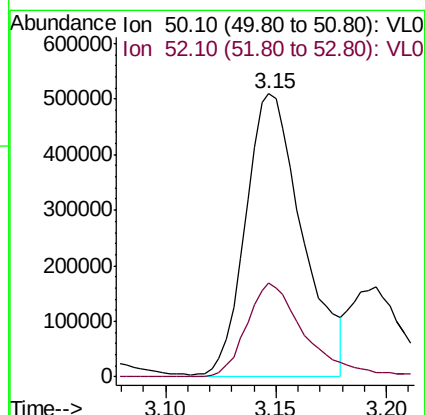
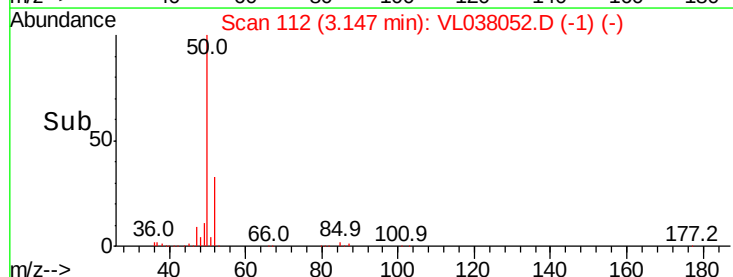
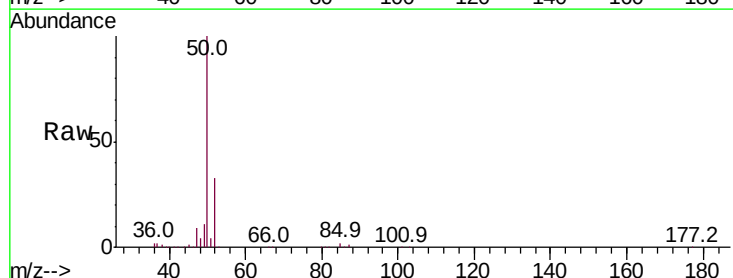
Acq: 18 Nov 2021 12:35

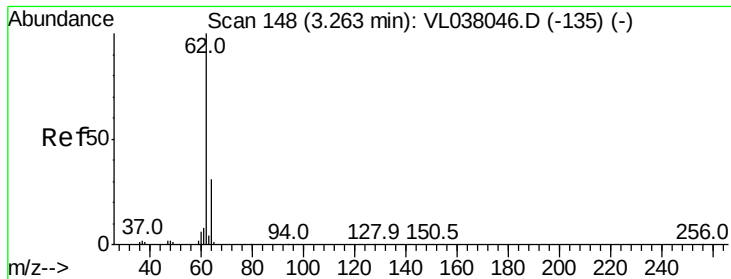
Tgt Ion: 50 Resp: 906812

Ion Ratio Lower Upper

50 100

52 33.5 25.4 38.0





#5

Vinyl Chloride

Concen: 11.237 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

62 100

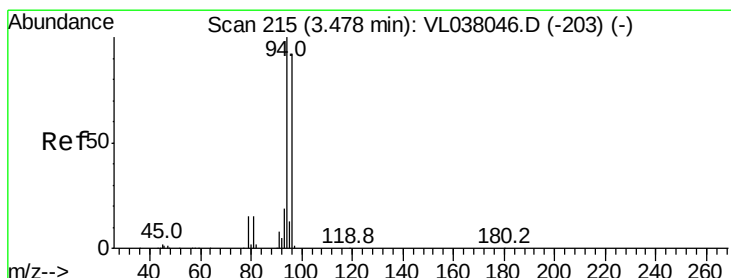
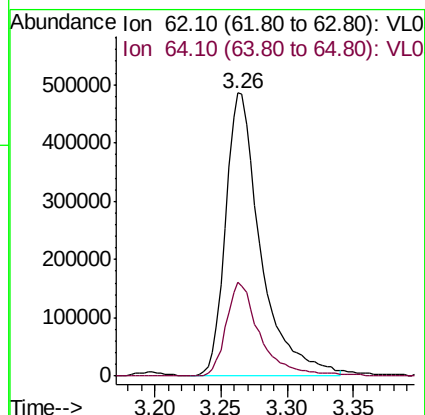
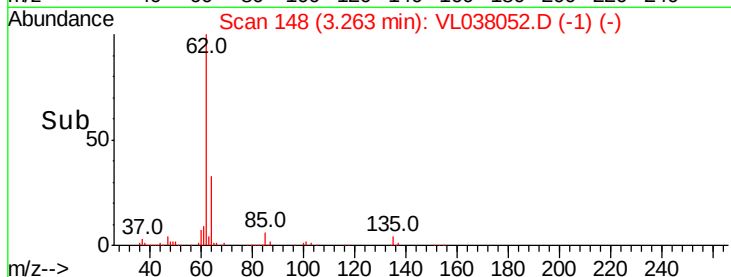
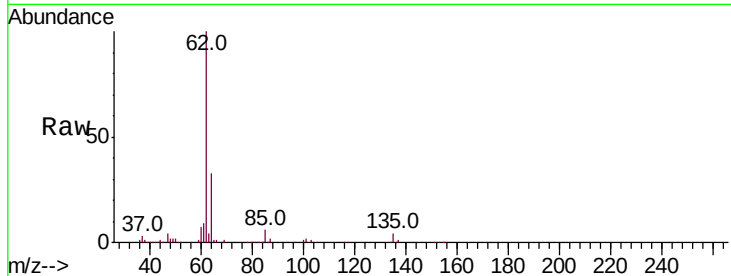
64 33.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 11.442 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038052.D

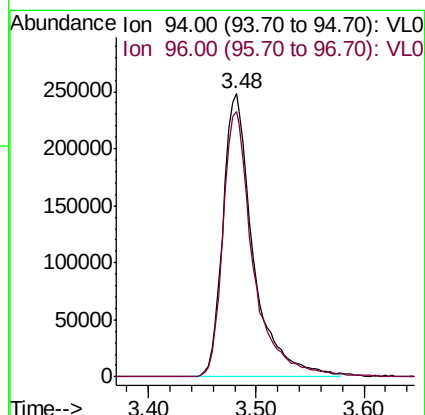
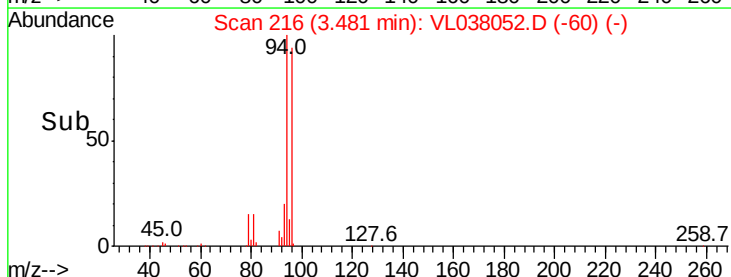
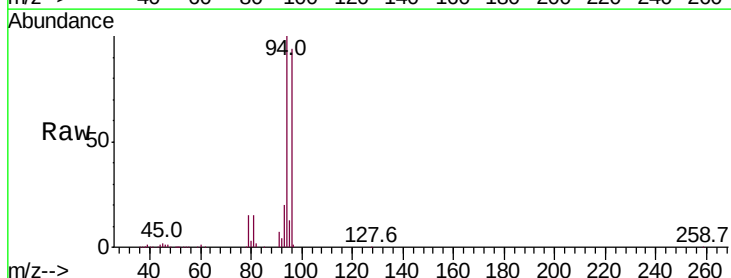
Acq: 18 Nov 2021 12:35

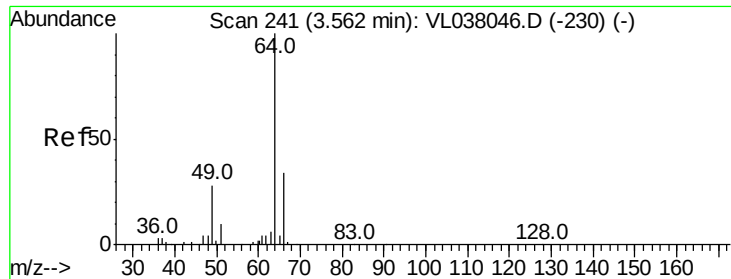
Tgt Ion: 94 Resp: 484668

Ion Ratio Lower Upper

94 100

96 93.6 73.9 110.9





#7

Chloroethane

Concen: 11.115 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

64 100

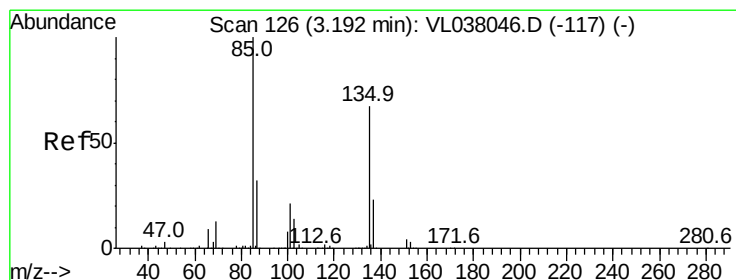
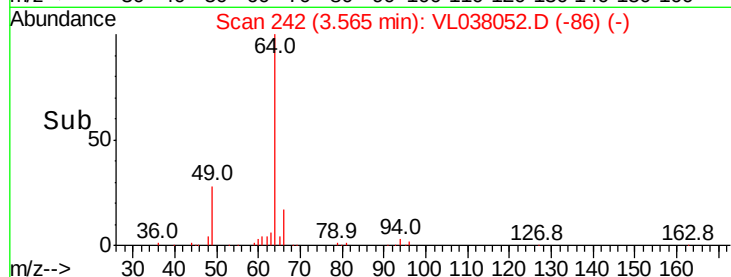
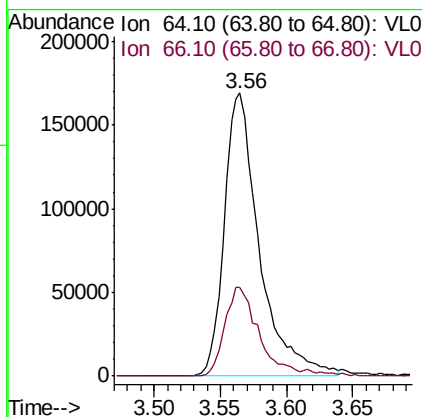
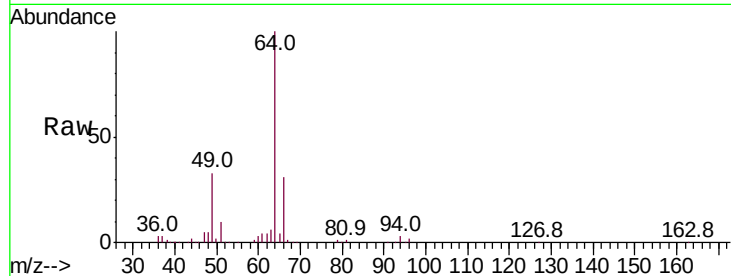
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.842 ppbv

RT: 3.19 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL038052.D

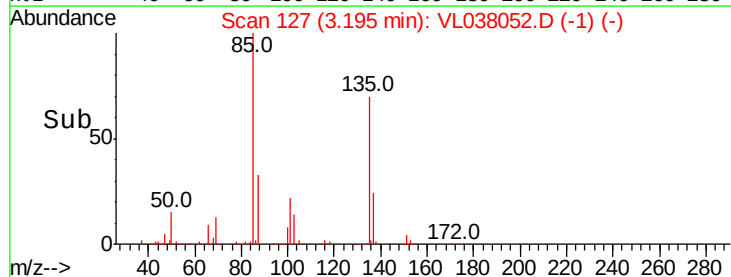
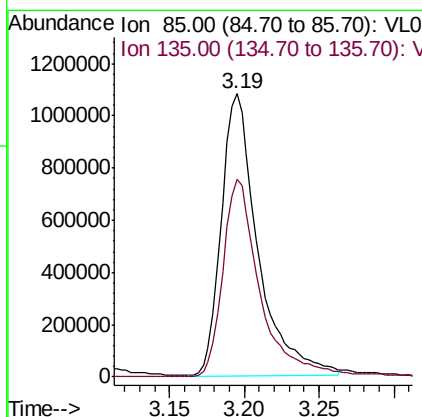
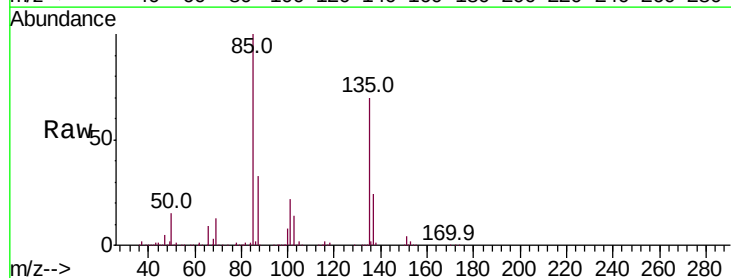
Acq: 18 Nov 2021 12:35

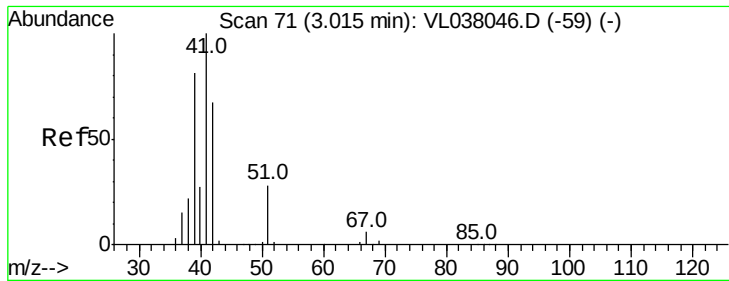
Tgt Ion: 85 Resp: 1851183

Ion Ratio Lower Upper

85 100

135 72.0 57.9 86.9





#9

Propene

Concen: 10.498 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

41 100

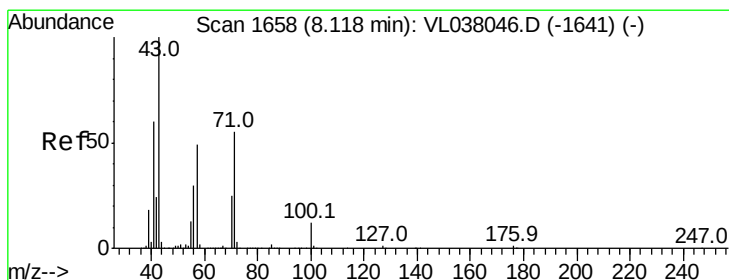
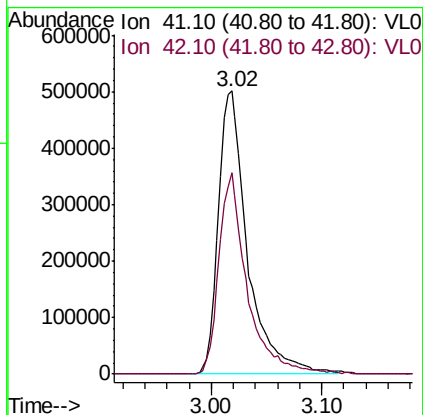
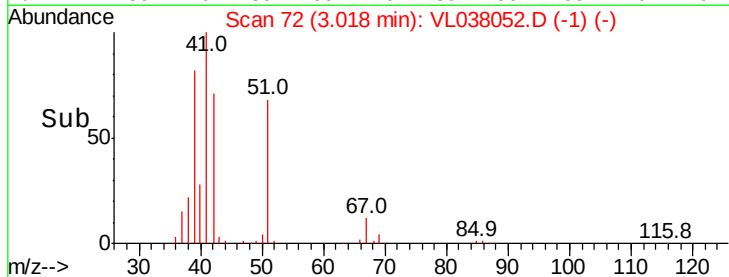
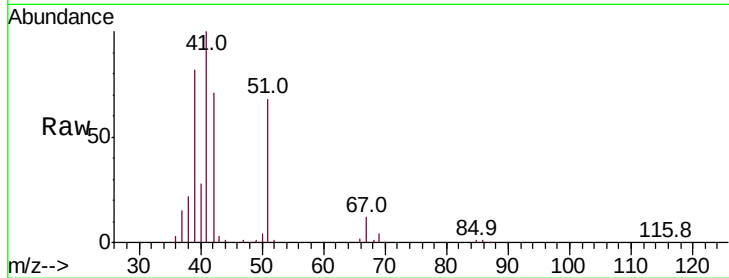
42 69.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#10

Heptane

Concen: 10.443 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038052.D

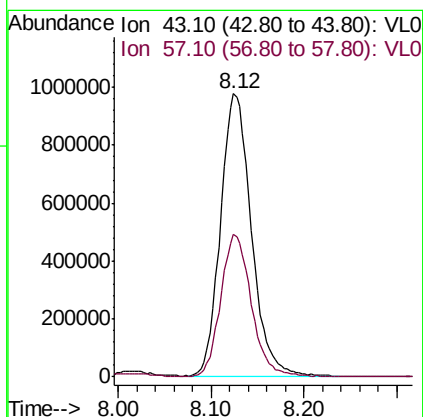
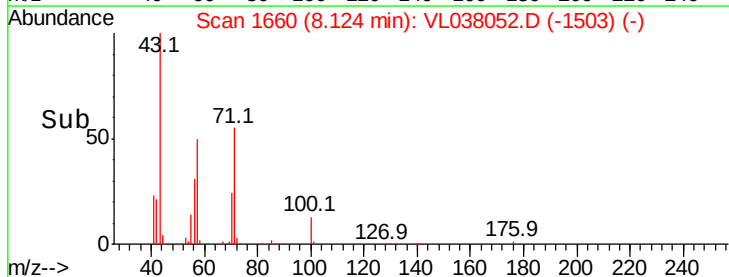
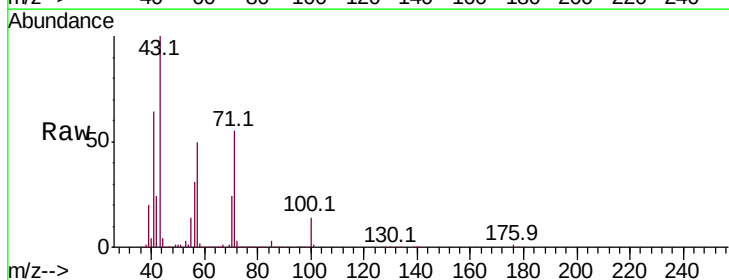
Acq: 18 Nov 2021 12:35

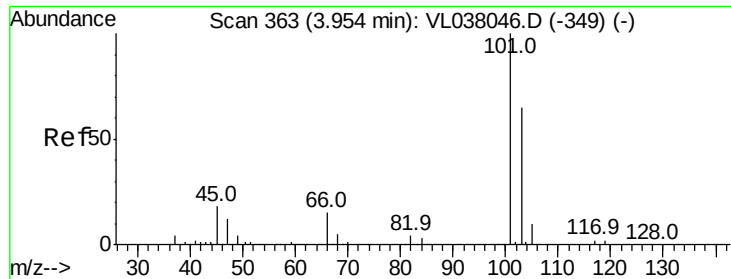
Tgt Ion: 43 Resp: 2249467

Ion Ratio Lower Upper

43 100

57 50.2 40.4 60.6



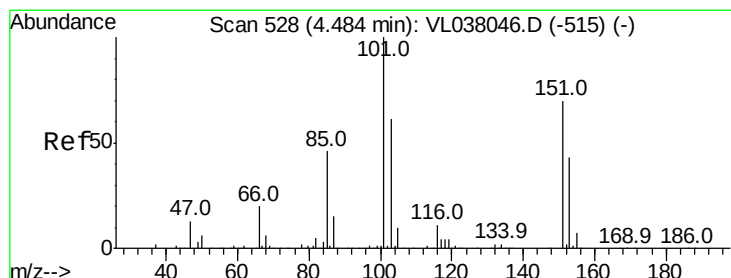
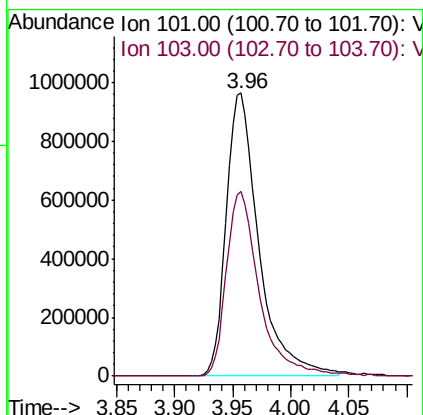
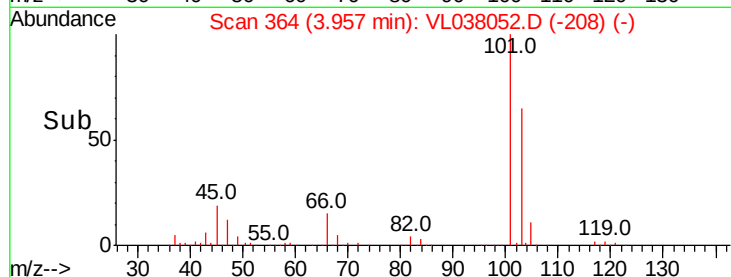
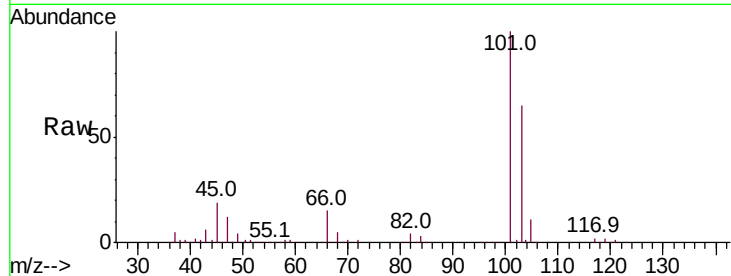


#11
 Trichlorofluoromethane
 Concen: 10.463 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:1
 Ion Rati
 101 100
 103 65.

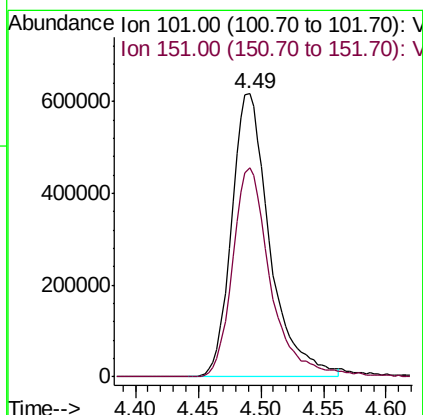
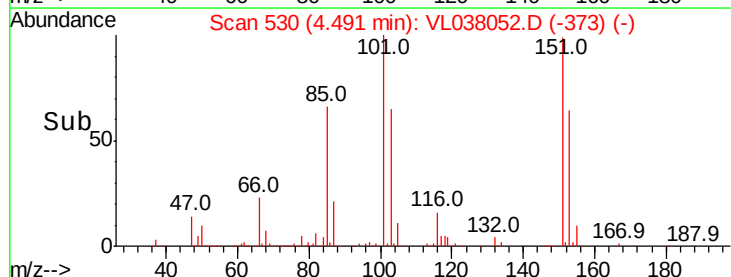
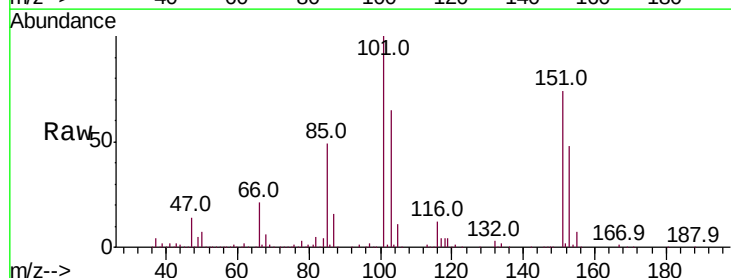
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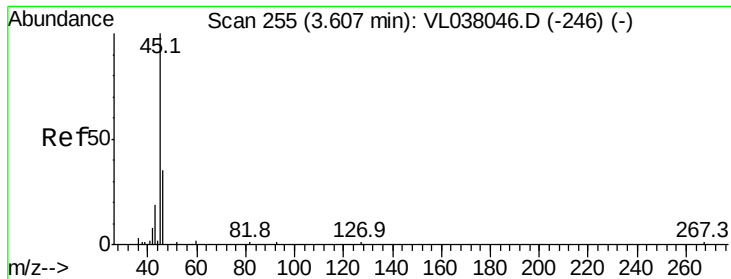
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.399 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:101 Resp: 1307047
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.0 88.4





#13

Ethanol

Concen: 10.322 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

45 100

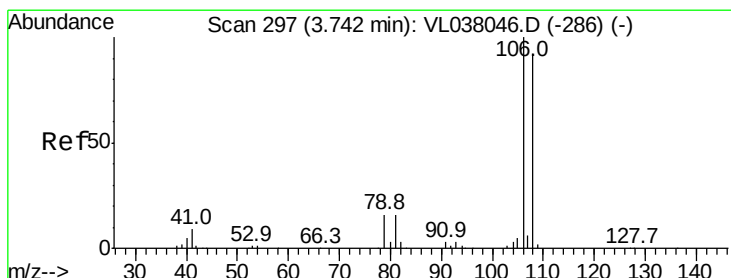
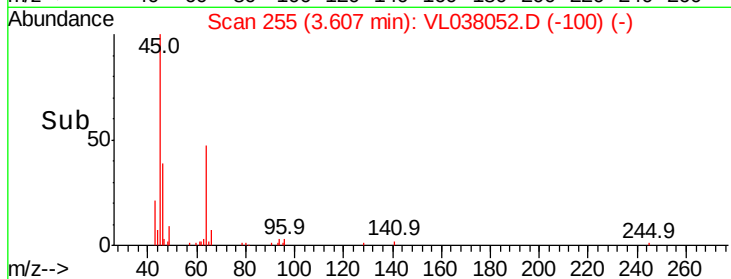
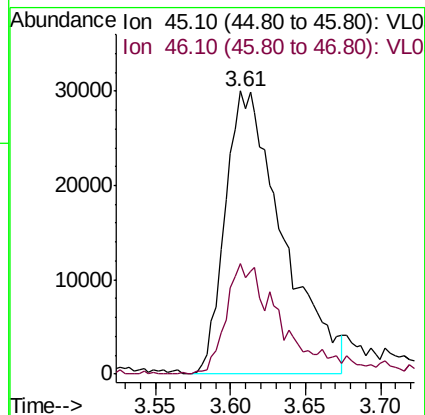
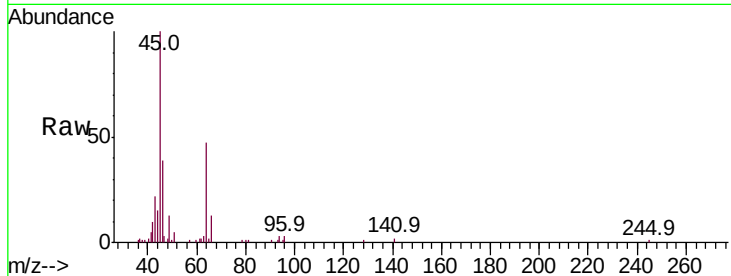
46 40.

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APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#14

Bromoethene

Concen: 10.941 ppbv

RT: 3.74 min Scan# 298

Delta R.T. 0.00 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

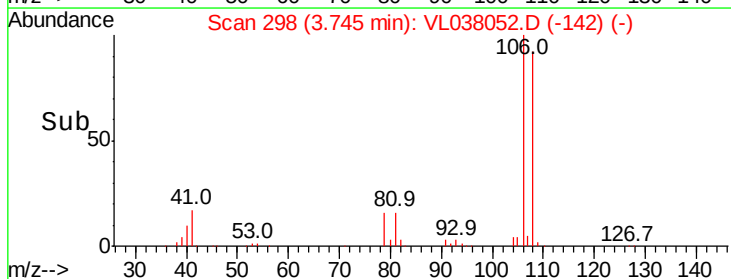
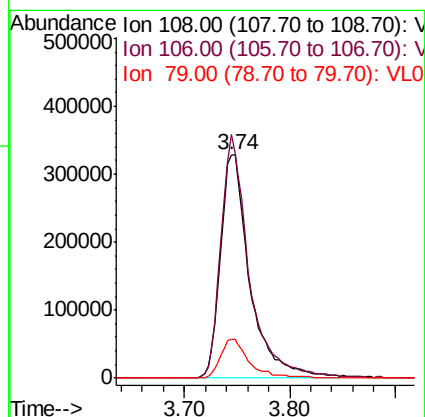
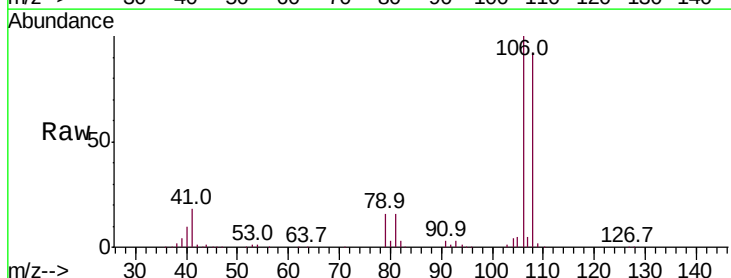
Tgt Ion:108 Resp: 636161

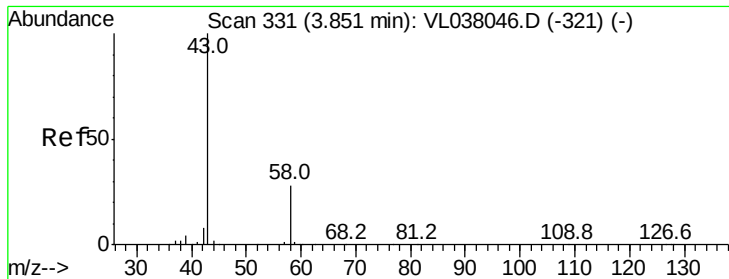
Ion Ratio Lower Upper

108 100

106 105.3 89.4 134.0

79 17.4 14.1 21.1





#15

Acetone

Concen: 9.679 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

43 100

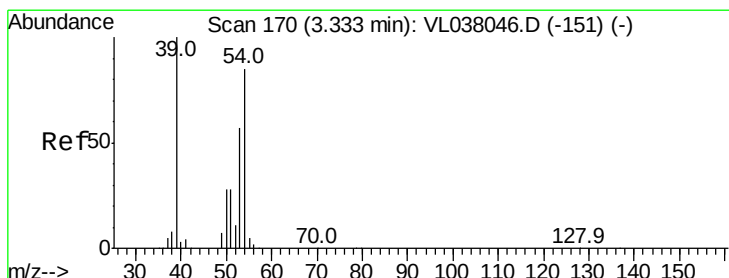
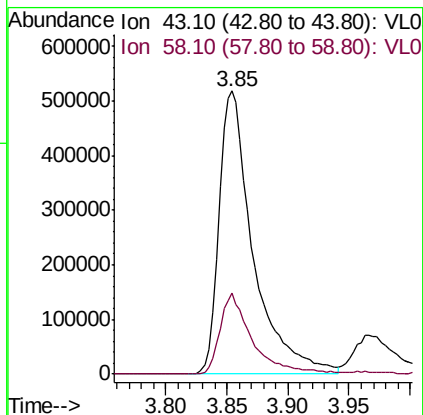
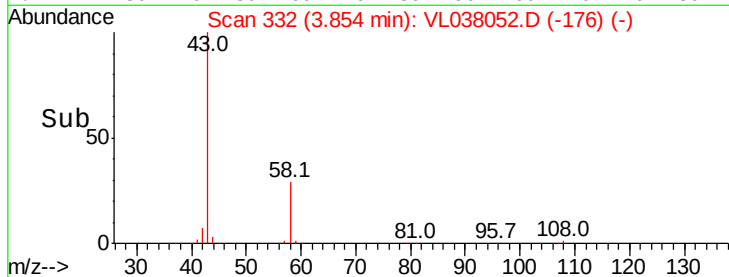
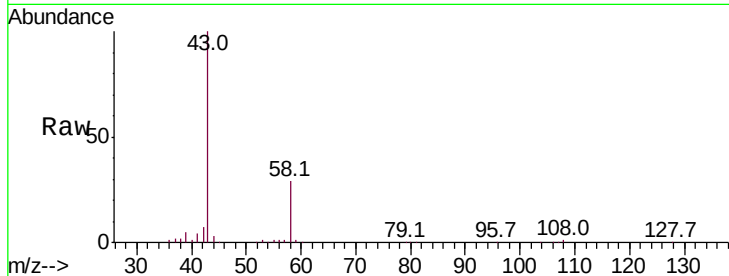
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#16

1,3-Butadiene

Concen: 10.886 ppbv

RT: 3.33 min Scan# 170

Delta R.T. -0.00 min

Lab File: VL038052.D

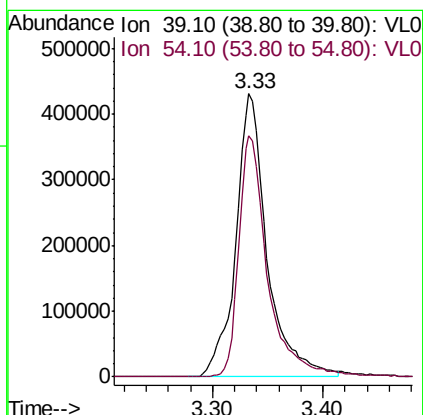
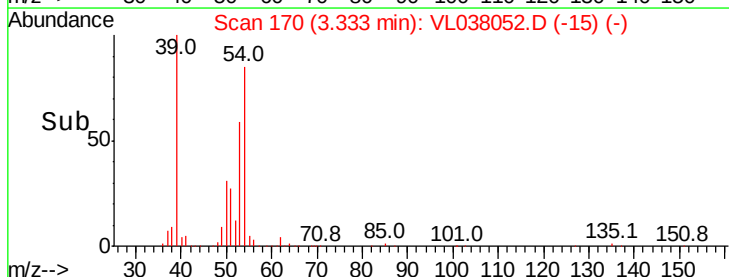
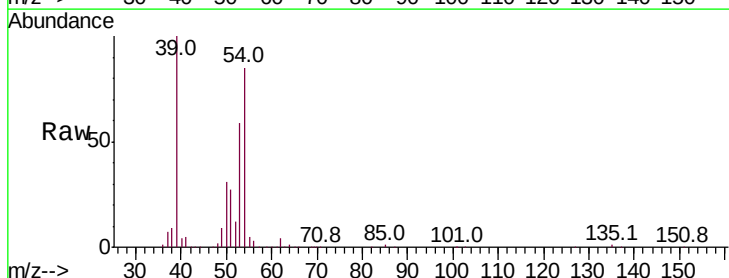
Acq: 18 Nov 2021 12:35

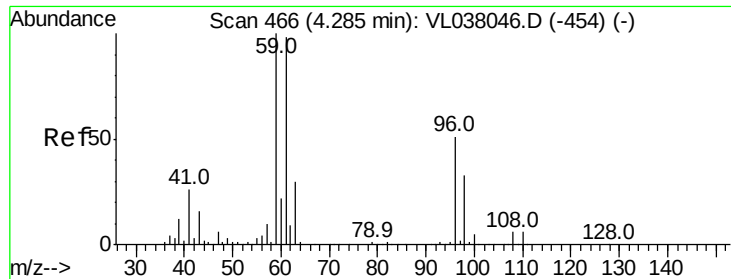
Tgt Ion: 39 Resp: 846025

Ion Ratio Lower Upper

39 100

54 79.0 64.4 96.6



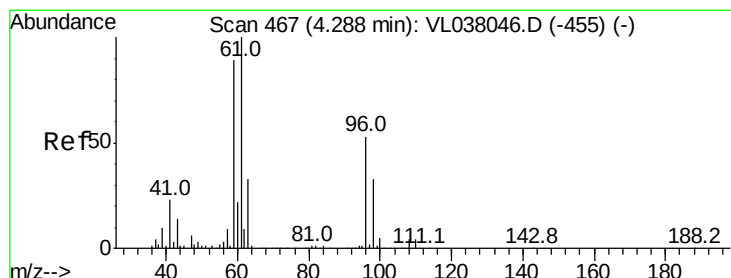
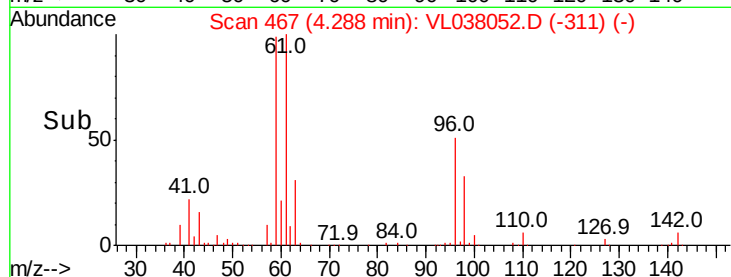
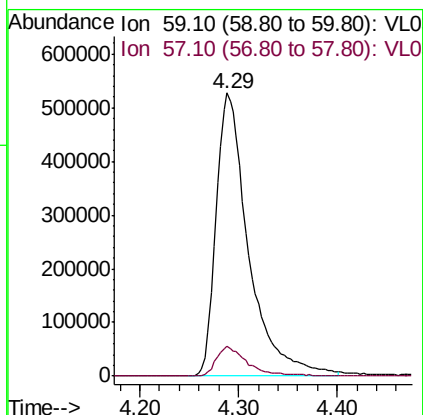
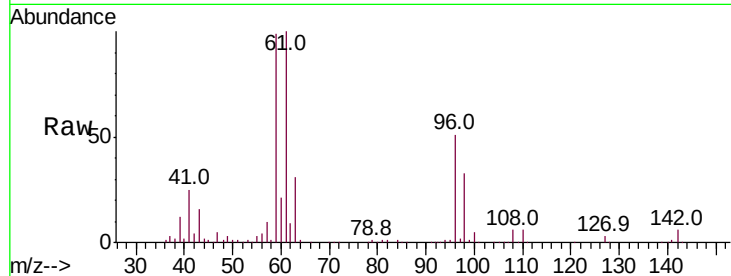


#17
tert-Butyl alcohol
Concen: 8.645 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
59 100
57 10.

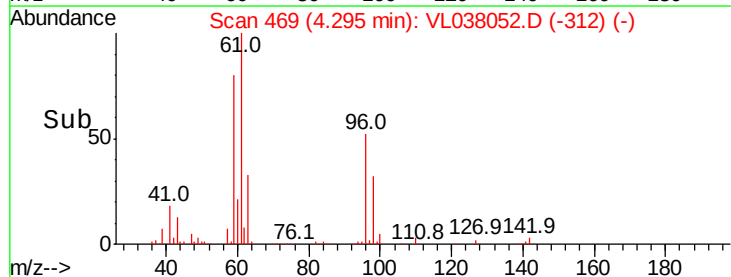
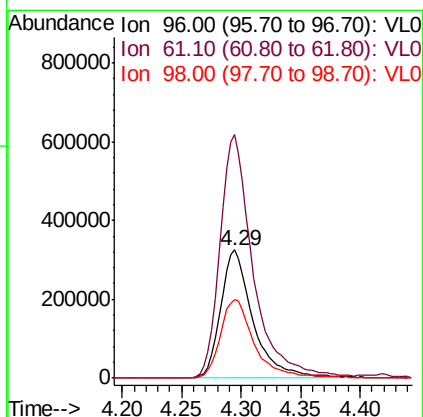
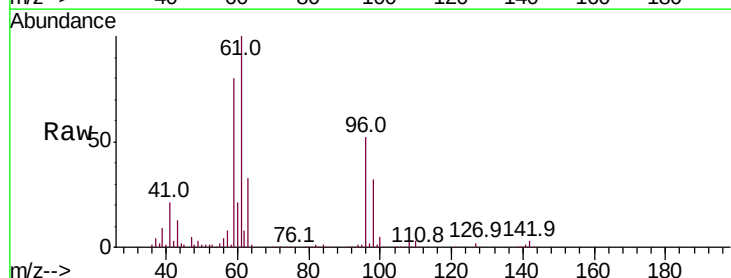
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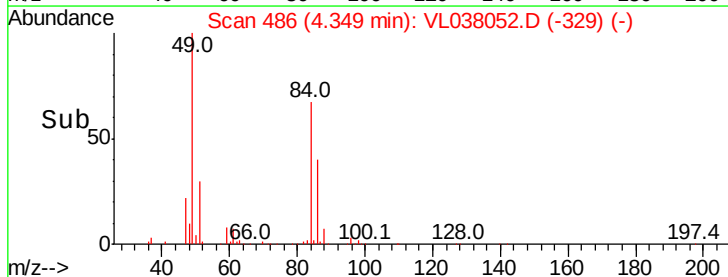
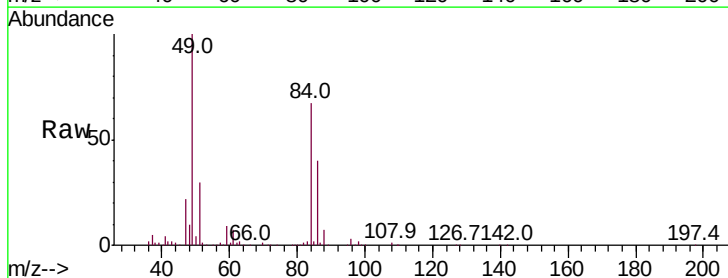
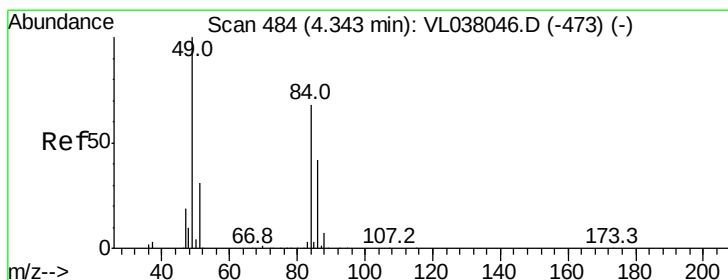
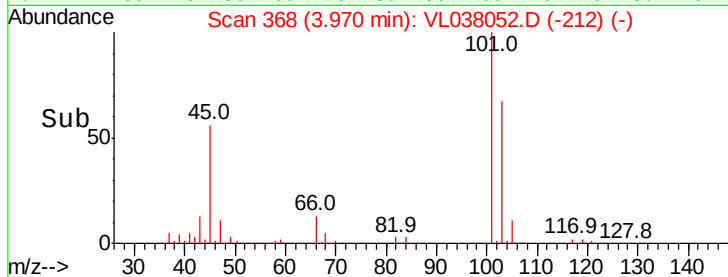
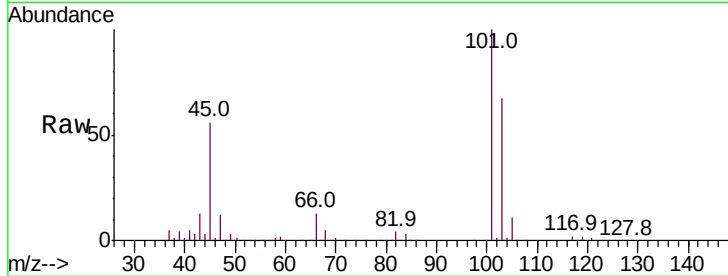
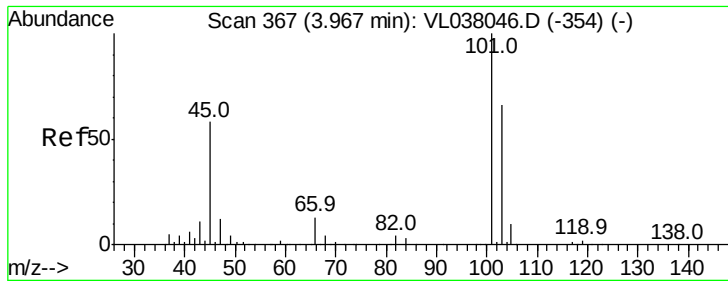
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#18
1,1-Dichloroethene
Concen: 9.577 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 96 Resp: 614688
Ion Ratio Lower Upper
96 100
61 190.3 149.8 224.8
98 61.9 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.754 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

45 100

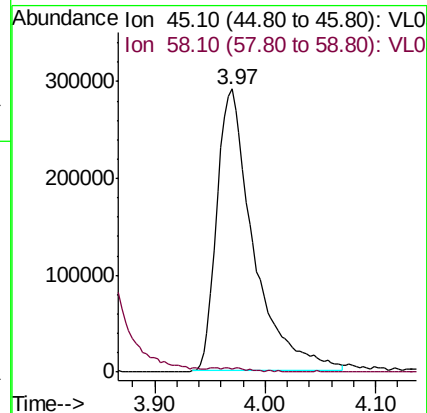
58 1.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 8.368 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

Tgt Ion: 84 Resp: 515114

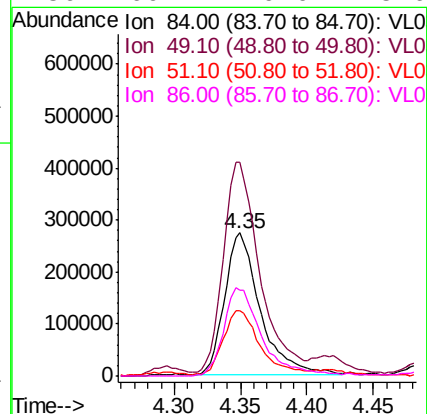
Ion Ratio Lower Upper

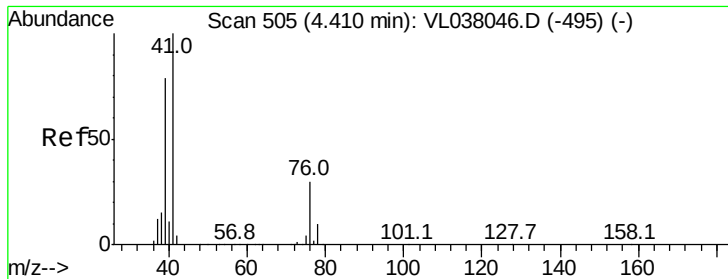
84 100

49 147.4 118.2 177.2

51 44.4 36.8 55.2

86 60.2 49.0 73.6



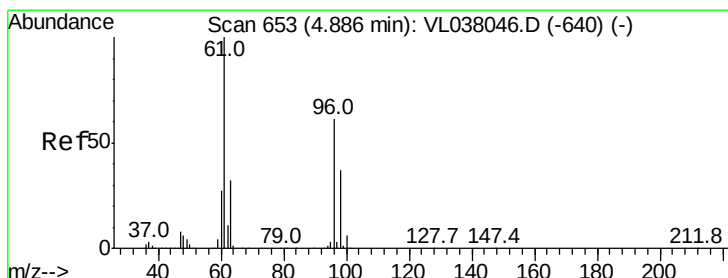
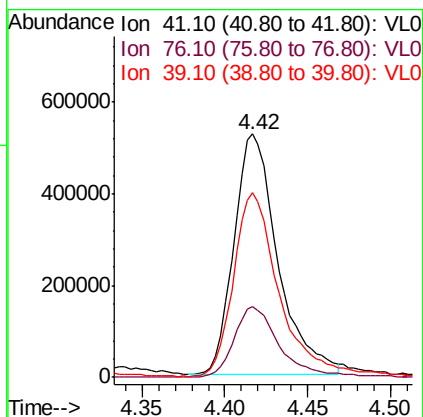
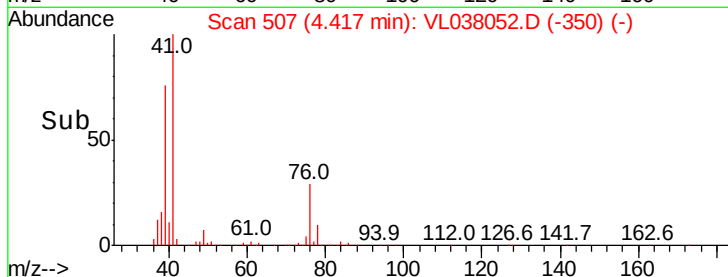
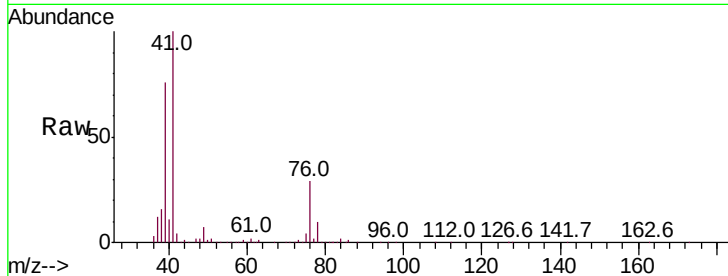


#21
Allvl Chloride
Concen: 9.214 ppbv
RT: 4.42
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
41 100
76 30.
39 79.

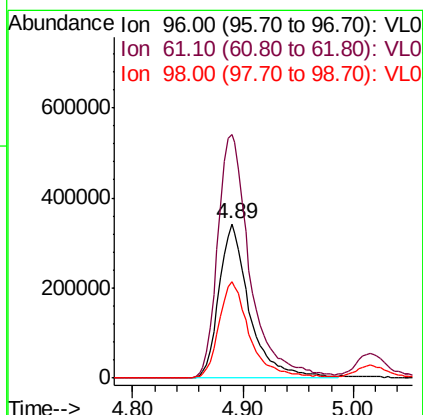
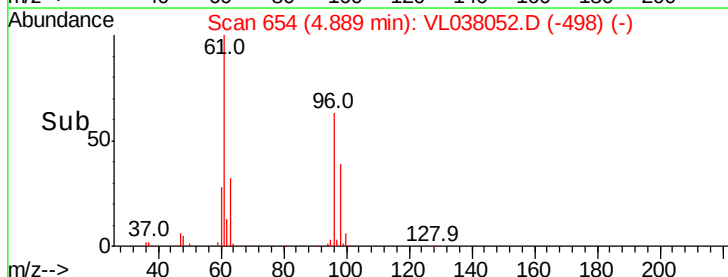
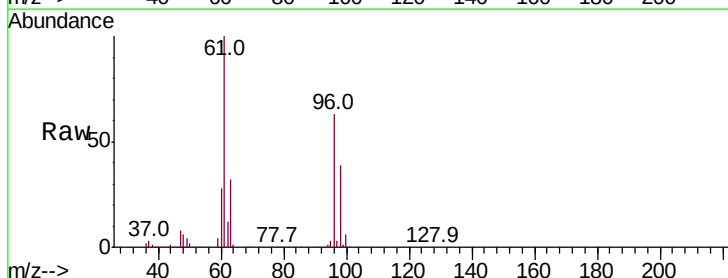
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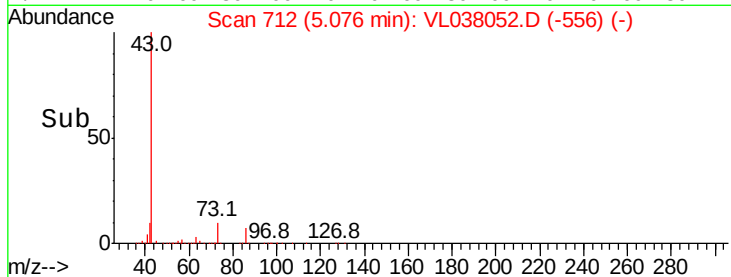
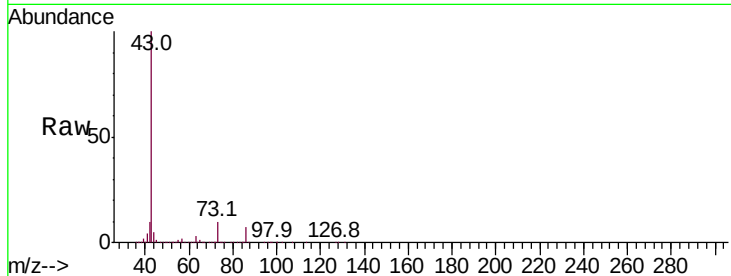
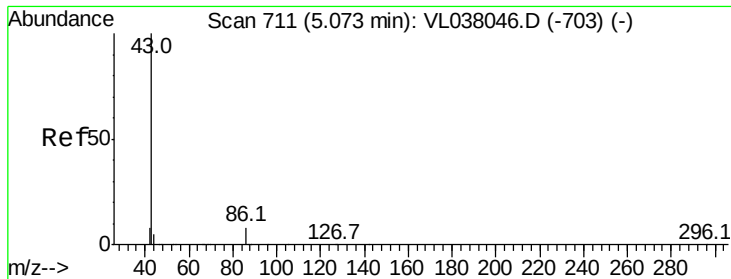
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 10.159 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 96 Resp: 657868
Ion Ratio Lower Upper
96 100
61 157.4 131.6 197.4
98 62.0 48.4 72.6





#23

Vinyl Acetate

Concen: 9.269 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

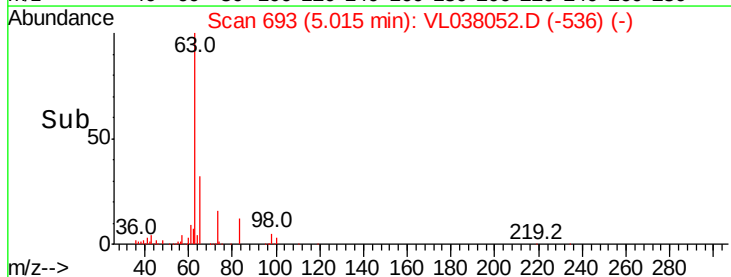
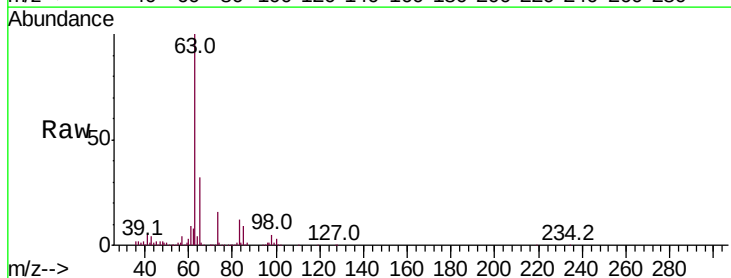
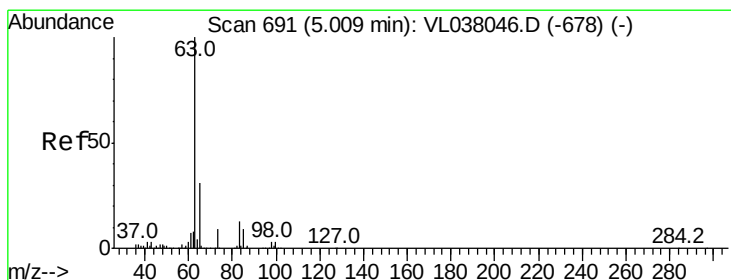
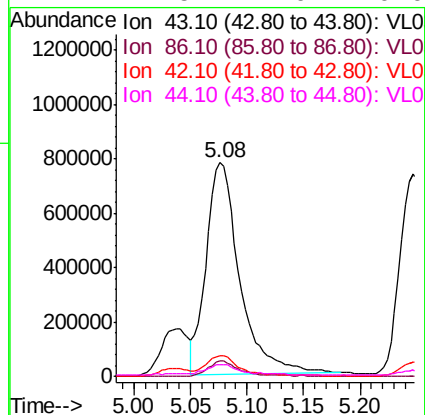
44 4.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 9.252 ppbv

RT: 5.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

Tgt Ion: 63 Resp: 1254375

Ion Ratio Lower Upper

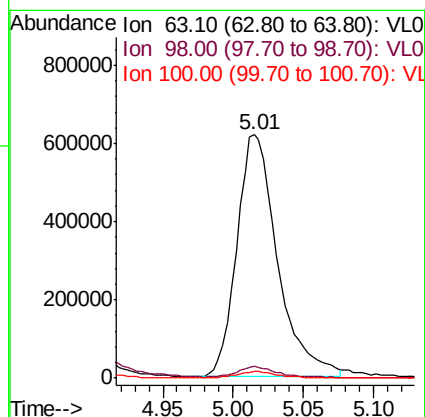
63 100

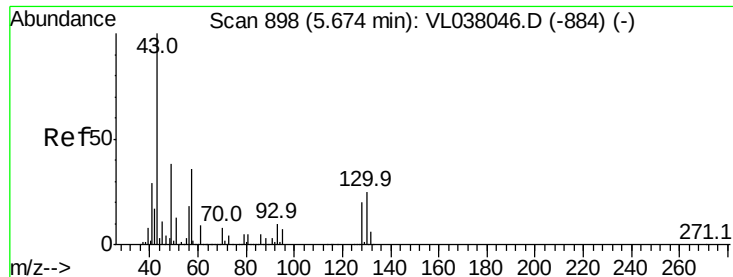
98 4.4

100 2.6

1.8 5.4

1.4 4.0



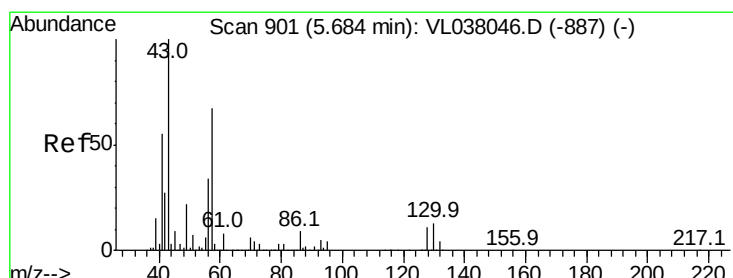
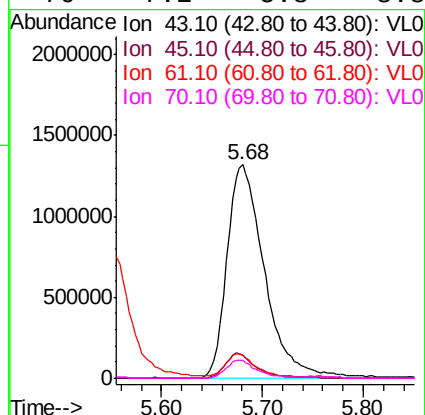
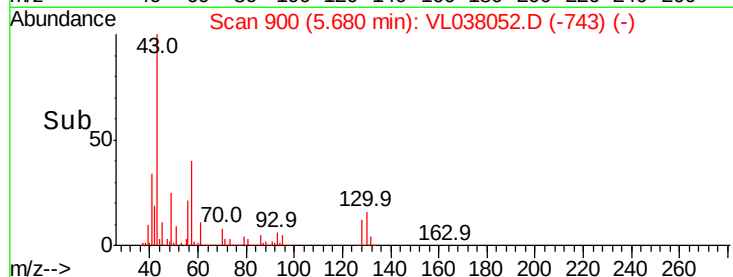
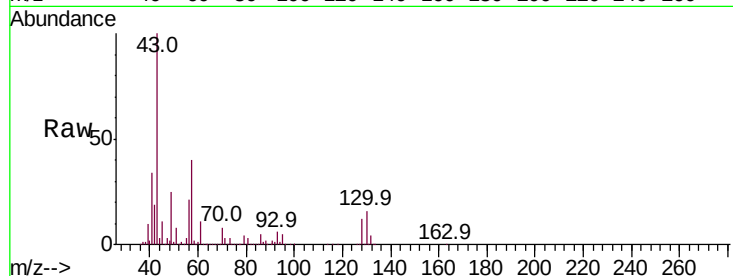


#25
Ethyl Acetate
Concen: 13.695 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
43 100
45 9.
61 10.
70 7.2 5.8 8.8

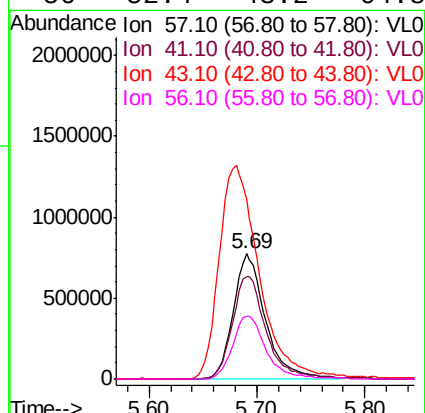
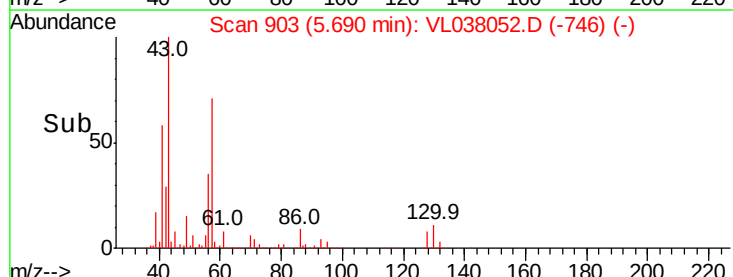
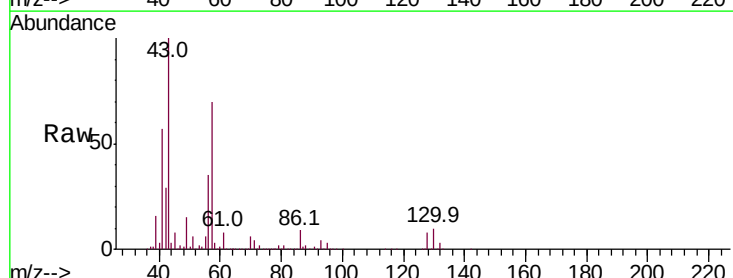
Manual Integrations
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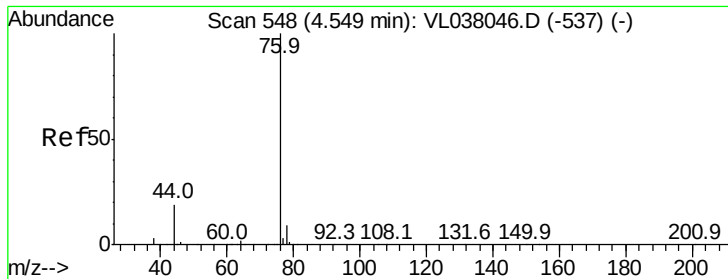
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 13.018 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 57 Resp: 1614604
Ion Ratio Lower Upper
57 100
41 86.7 71.4 107.2
43 212.6 174.6 261.8
56 52.4 43.2 64.8





#27

Carbon Disulfide

Concen: 9.704 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

76 100

44 18.

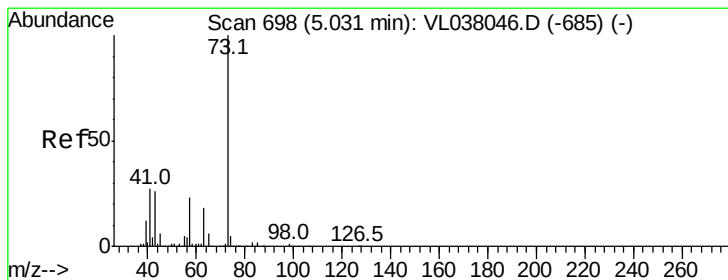
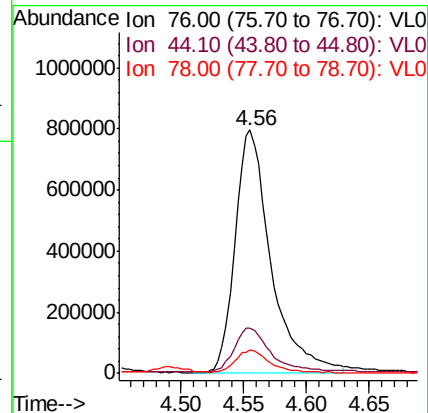
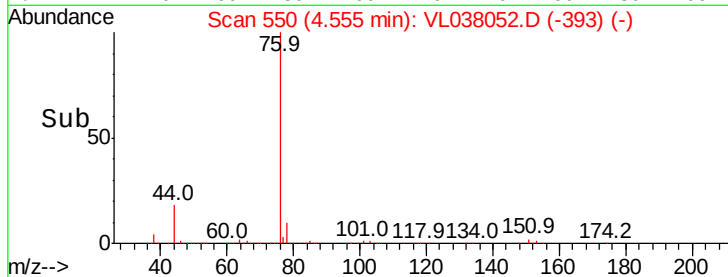
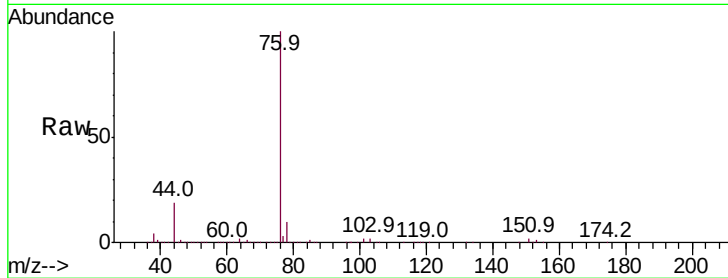
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#28

Methyl tert-Butyl Ether

Concen: 9.031 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL038052.D

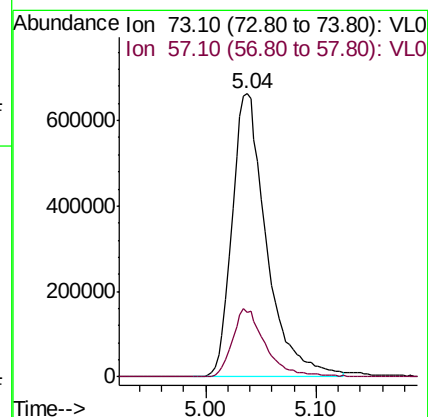
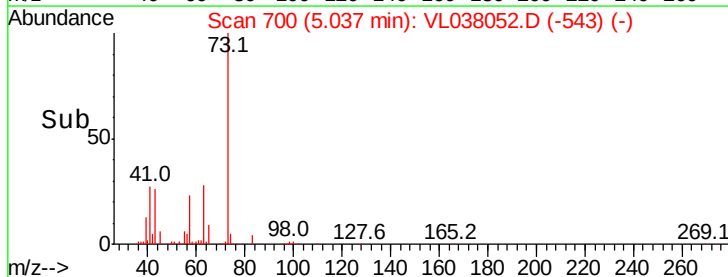
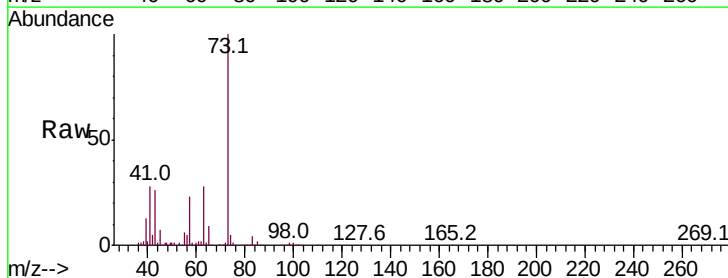
Acq: 18 Nov 2021 12:35

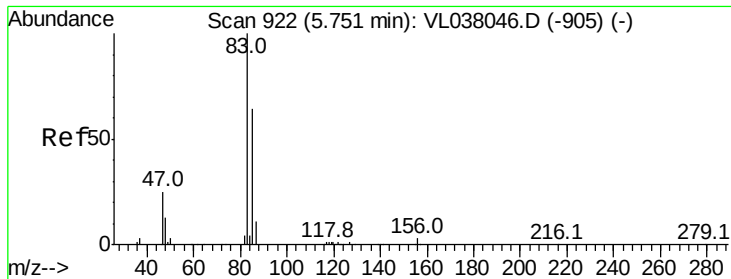
Tgt Ion: 73 Resp: 1436455

Ion Ratio Lower Upper

73 100

57 23.6 19.0 28.4



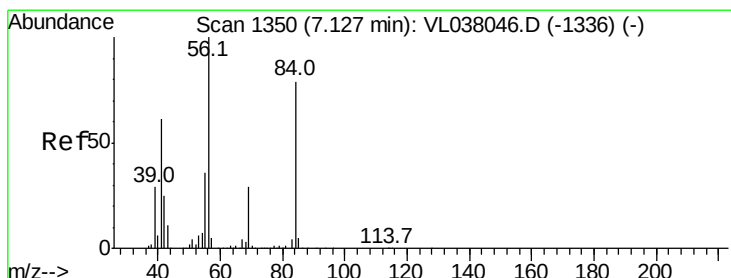
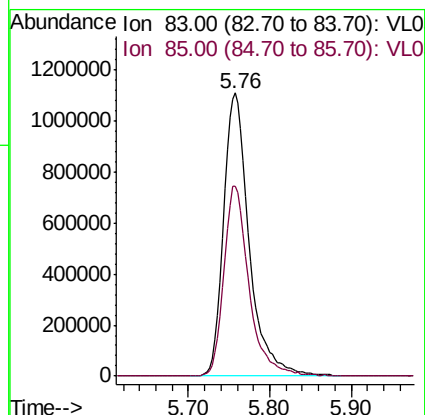
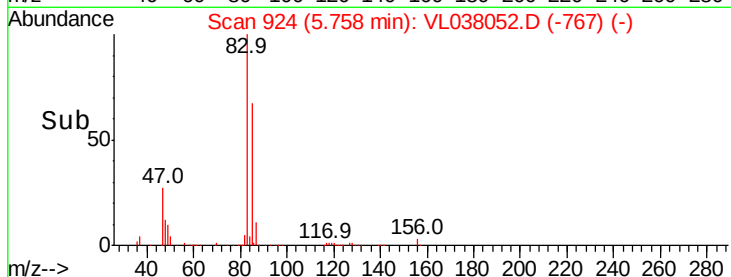
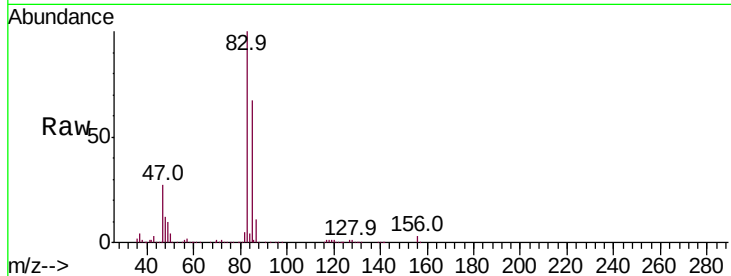


#29
Chloroform
Concen: 13.205 ppbv
RT: 5.76
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
83 100
85 66.

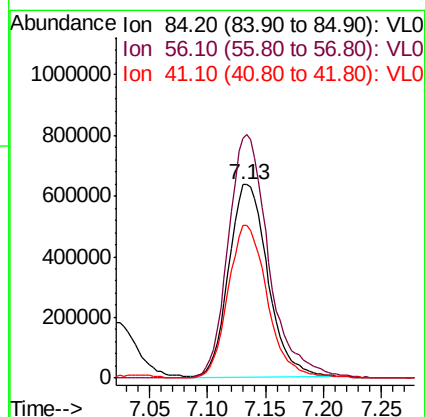
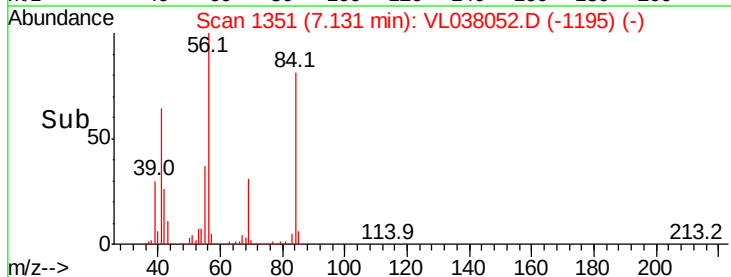
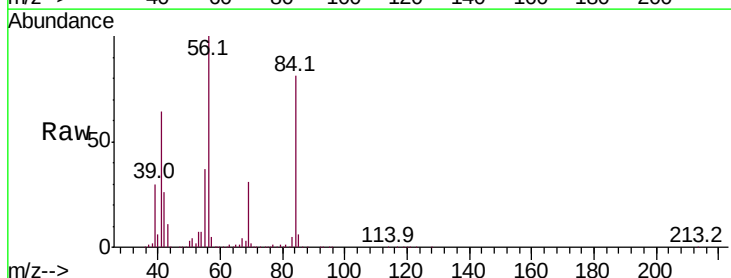
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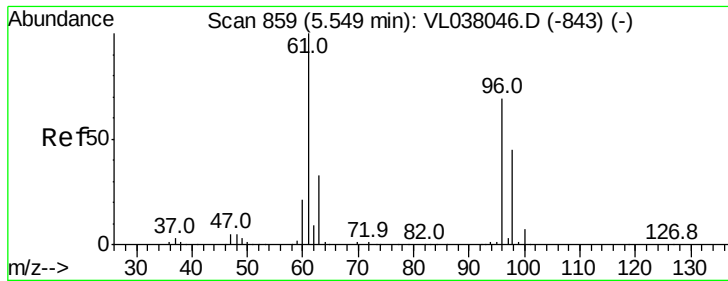
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 10.665 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 84 Resp: 1489602
Ion Ratio Lower Upper
84 100
56 131.0 108.1 162.1
41 79.8 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 15.941 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:

Ion Ratio

61 100

96 69.

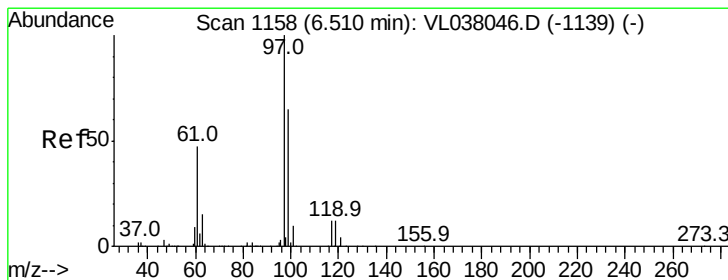
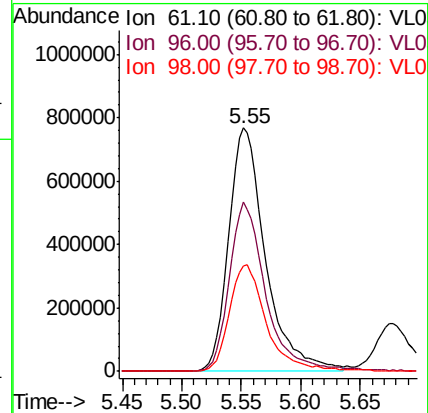
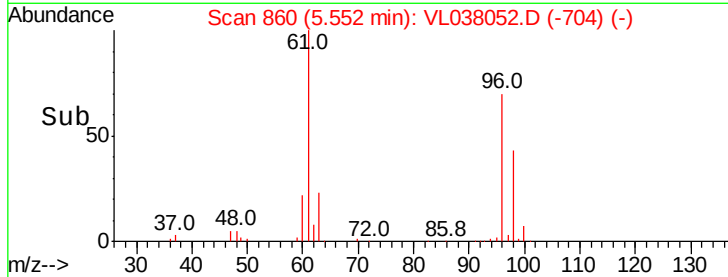
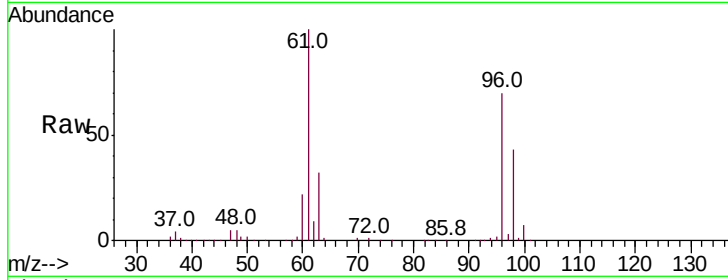
98 43.

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#32

1,1,1-Trichloroethane

Concen: 10.700 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

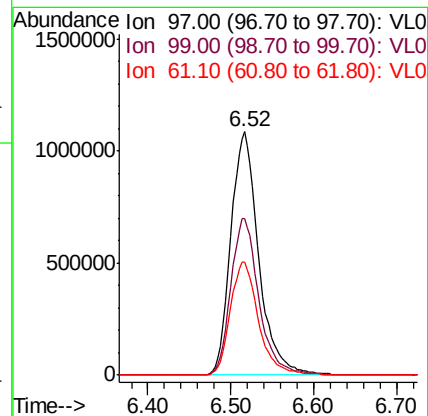
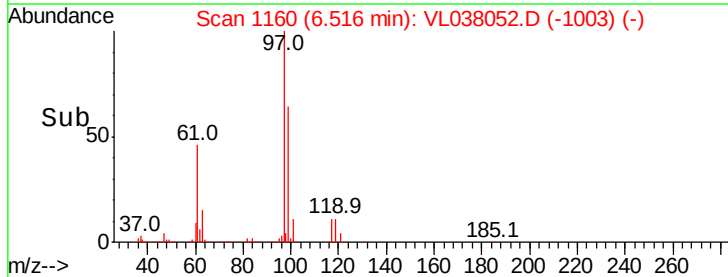
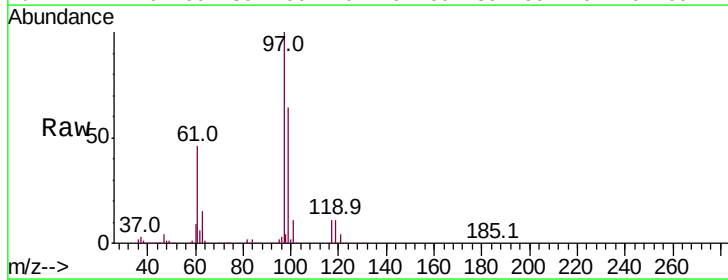
Tgt Ion: 97 Resp: 2536296

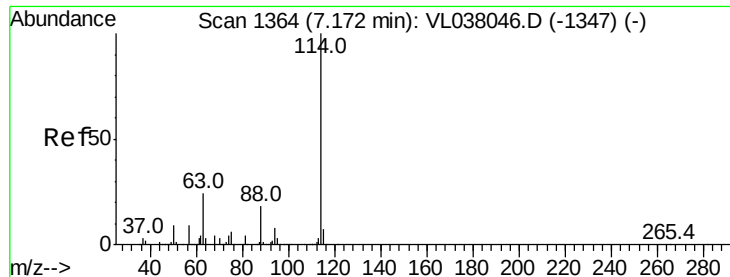
Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.4

61 47.3 37.7 56.5



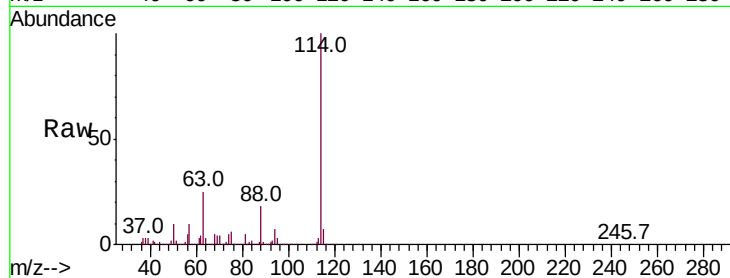


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 18 Nov 2021 12:35

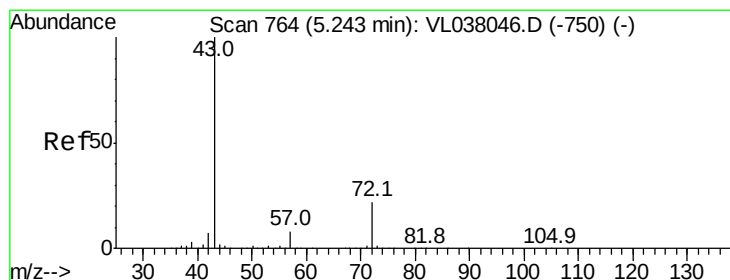
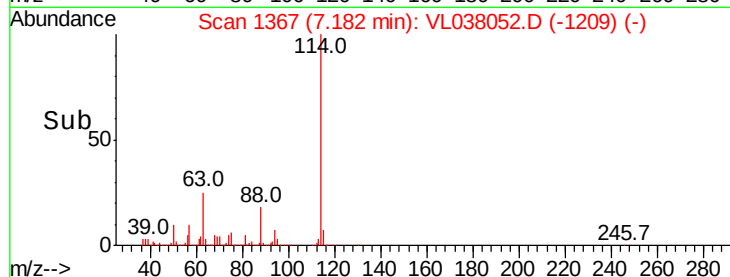
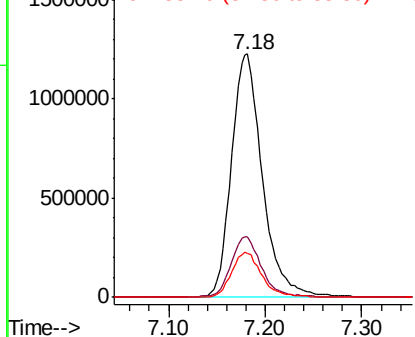
Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

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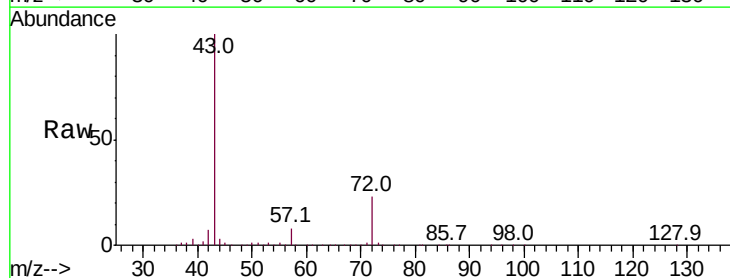


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

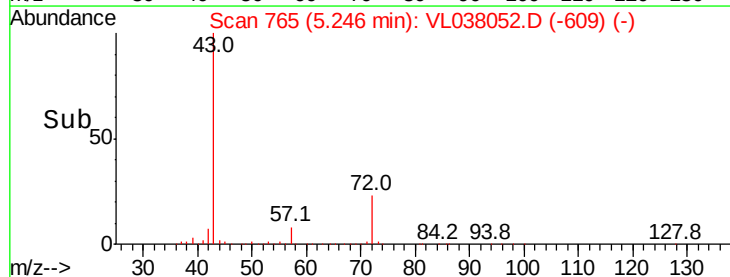
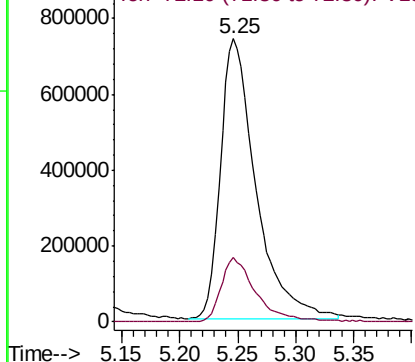


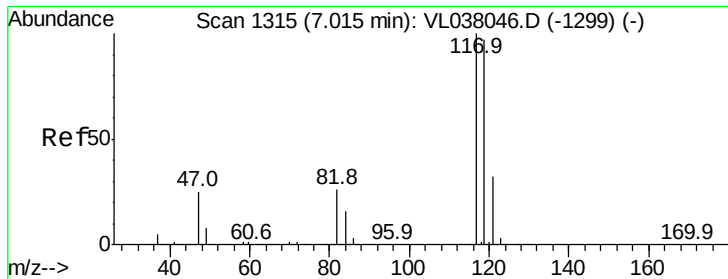
#34
 2-Butanone
 Concen: 17.414 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T.: 0.00 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 43 Resp: 1566472
 Ion Ratio Lower Upper
 43 100
 72 23.3 18.8 28.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



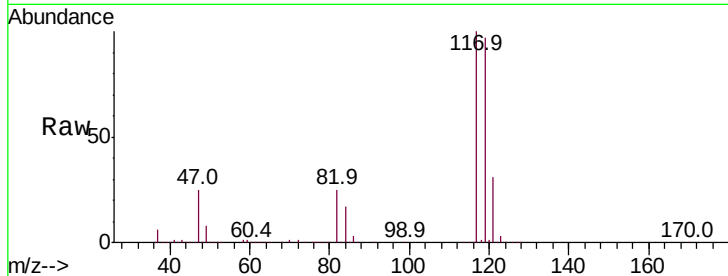


#35
 Carbon Tetrachloride
 Concen: 13.735 ppbv
 RT: 7.02
 Instrument : MSVOA_L
 Delta R.T. :
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

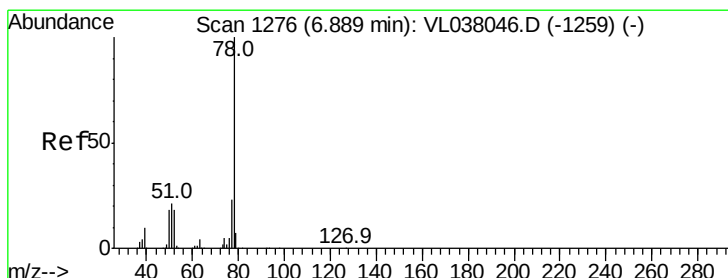
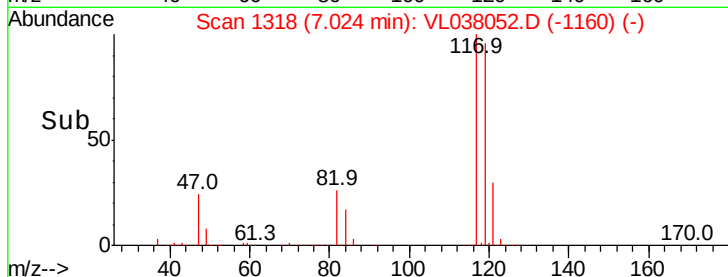
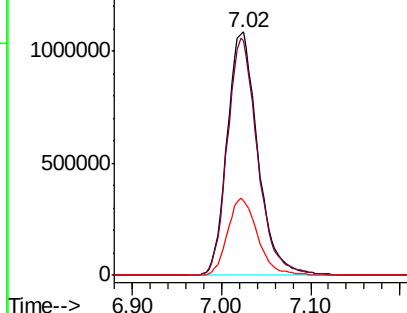
Tot Ion:1
 Ion Rati
 117 100
 119 96.
 121 30.

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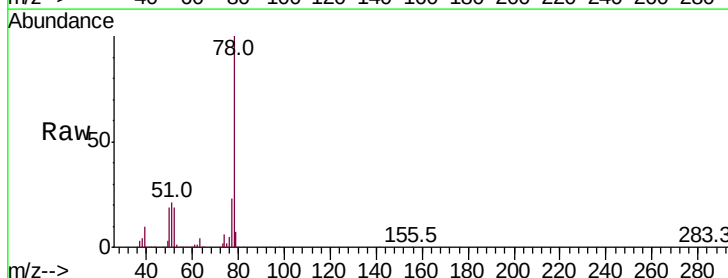


Abundance Ion 117.00 (116.70 to 117.70): V
 1500000
 Ion 119.00 (118.70 to 119.70): V
 Ion 121.00 (120.70 to 121.70): V

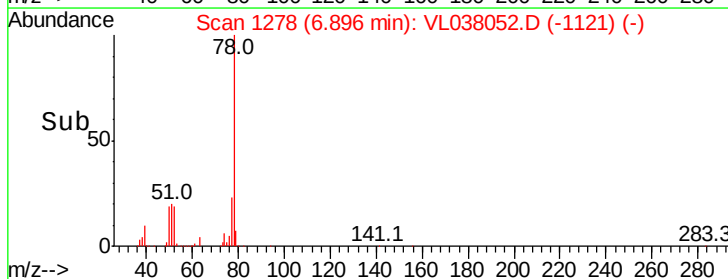
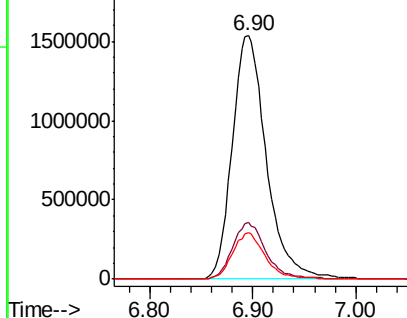


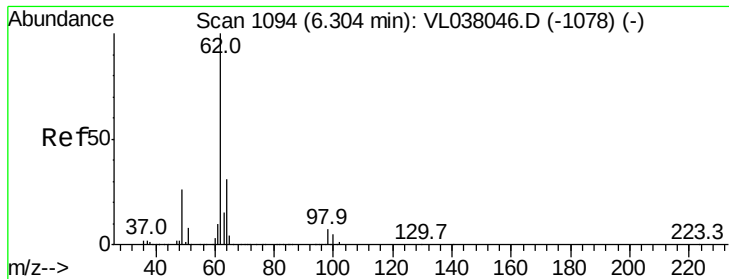
#36
 Benzene
 Concen: 13.629 ppbv
 RT: 6.90 min Scan# 1278
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 78 Resp: 3535738
 Ion Ratio Lower Upper
 78 100
 77 23.3 18.2 27.4
 50 19.1 14.7 22.1



Abundance Ion 78.10 (77.80 to 78.80): VL0
 2000000
 Ion 77.10 (76.80 to 77.80): VL0
 Ion 50.10 (49.80 to 50.80): VL0



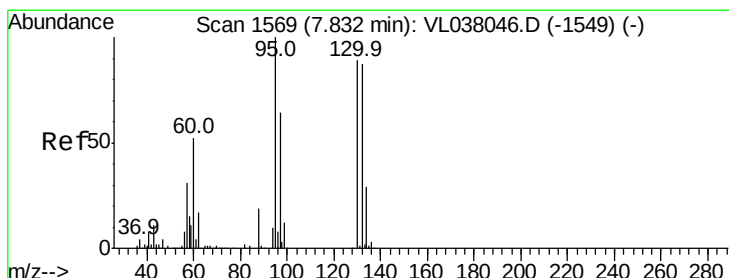
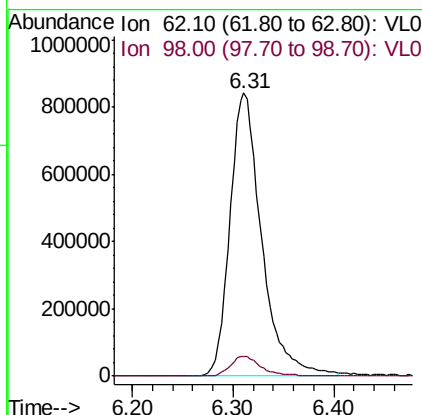
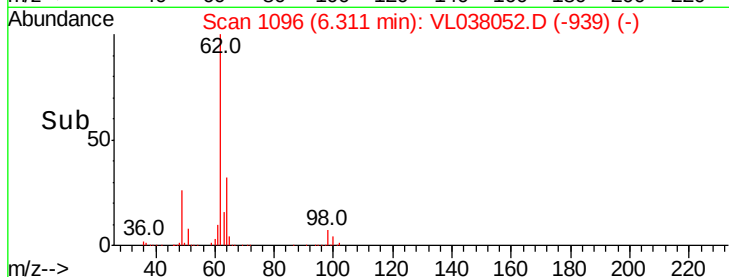
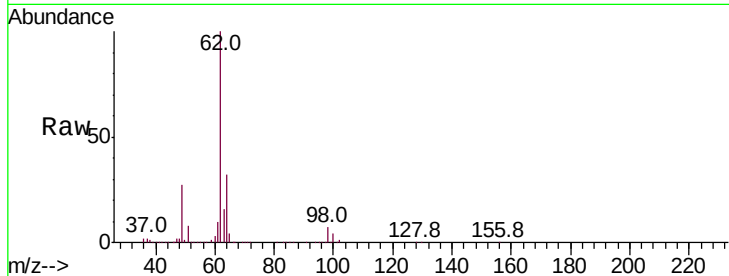


#37
 1,2-Dichloroethane
 Concen: 15.315 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:
 Ion Ratio
 62 100
 98 7.

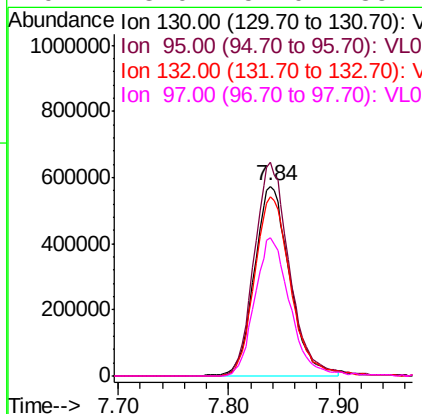
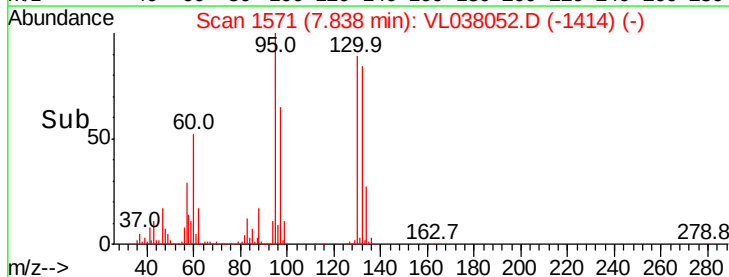
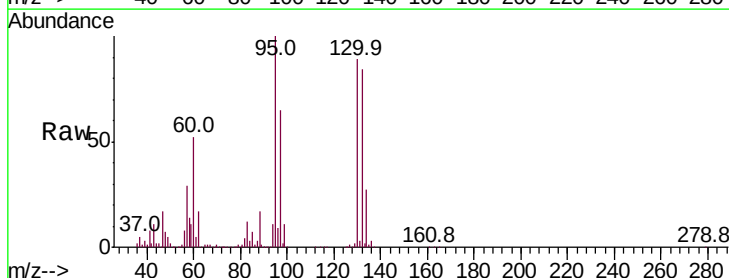
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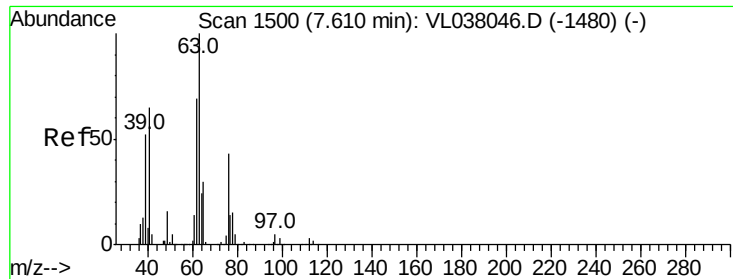
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 12.087 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:130 Resp: 1273922
 Ion Ratio Lower Upper
 130 100
 95 112.5 89.4 134.2
 132 94.7 78.2 117.2
 97 73.0 57.0 85.4



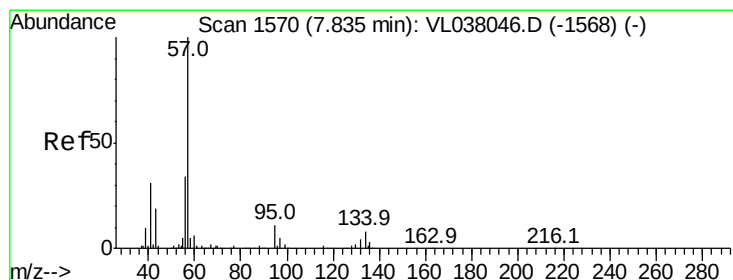
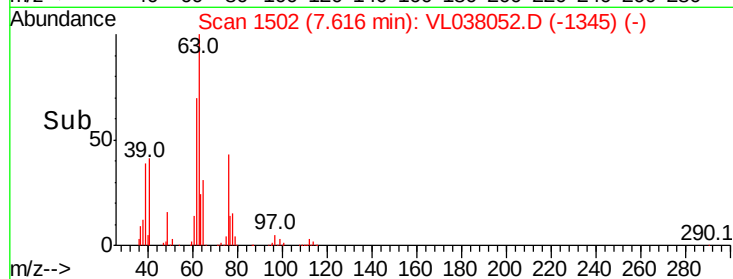
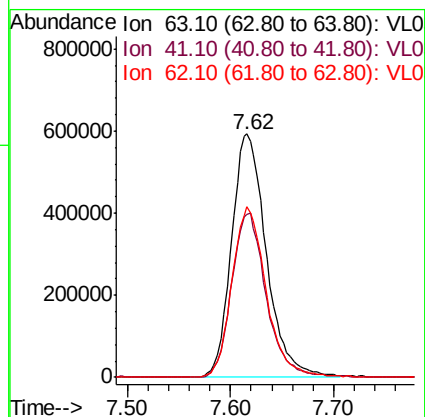
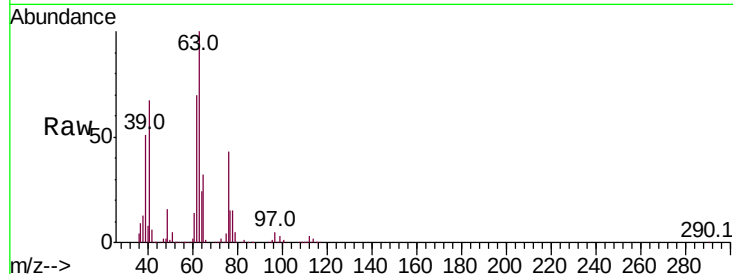


#39
 1,2-Dichloropropane
 Concen: 13.876 ppbv
 RT: 7.62
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:
 Ion Rati
 63 100
 41 66.
 62 70.

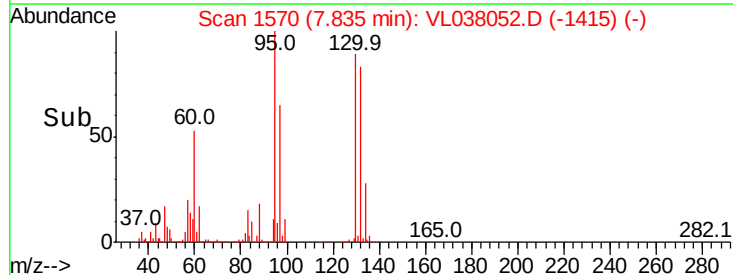
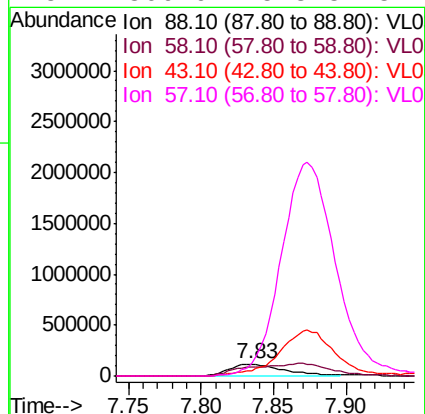
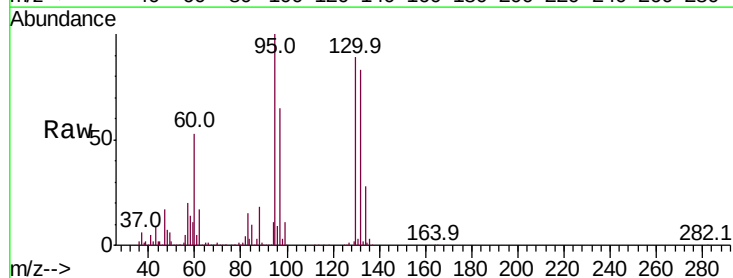
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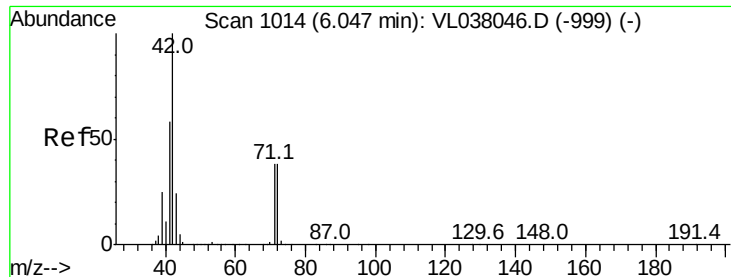
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 11.505 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 88 Resp: 297547
 Ion Ratio Lower Upper
 88 100
 58 166.1 229.2 343.8#
 43 415.9 553.3 829.9#
 57 1866.0 2513.8 3770.8#



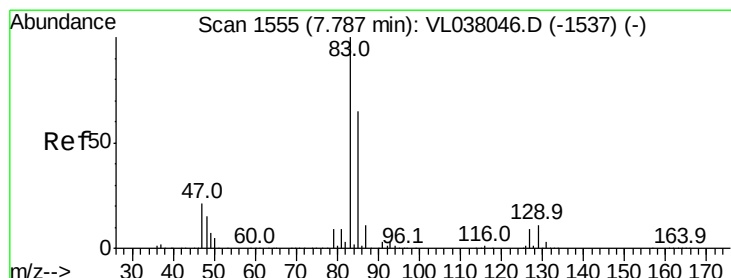
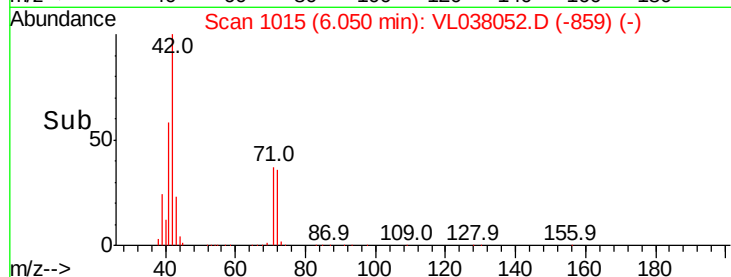
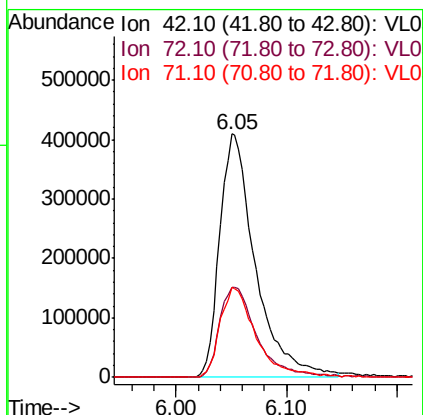
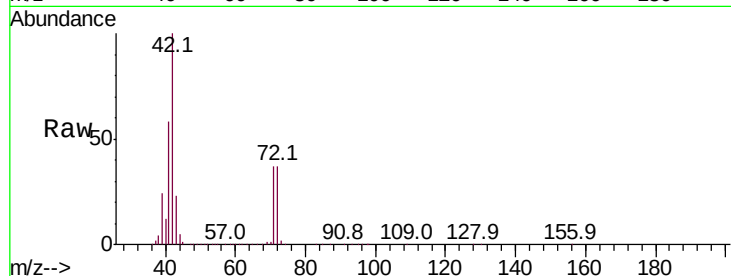


#41
Tetrahydrofuran
Concen: 14.214 ppbv
RT: 6.05
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
42 100
72 39.
71 37.

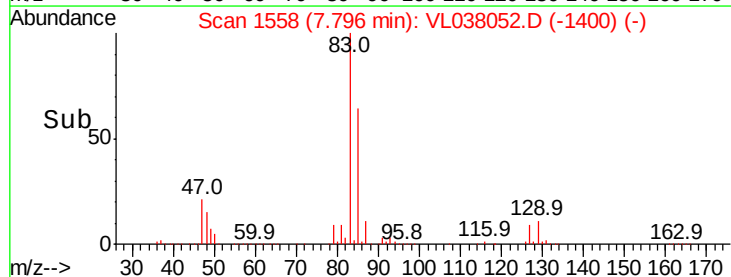
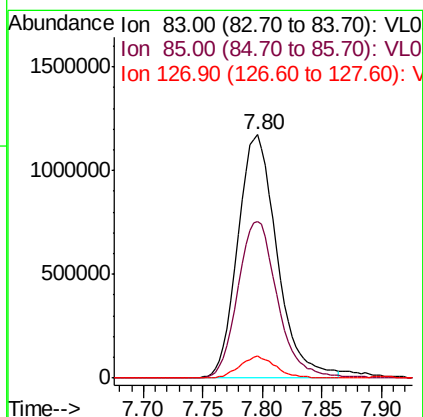
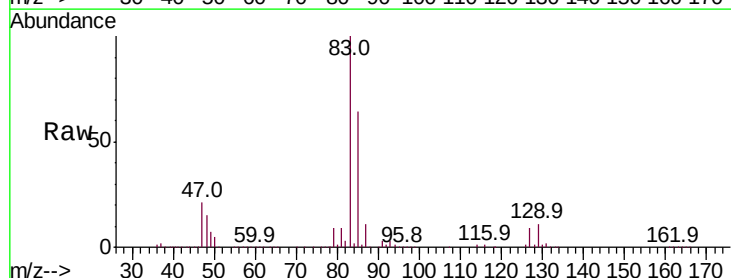
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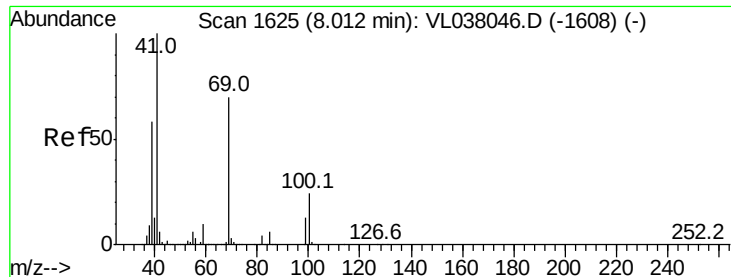
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 14.192 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 83 Resp: 2690337
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 9.0 6.8 10.2



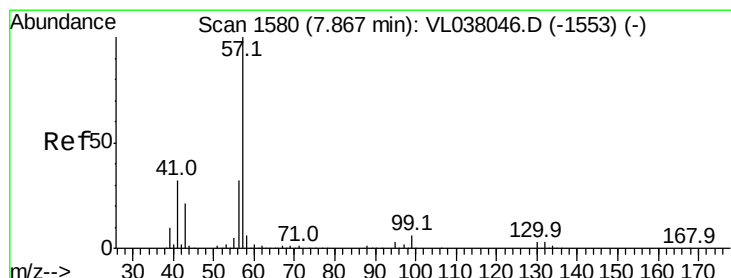
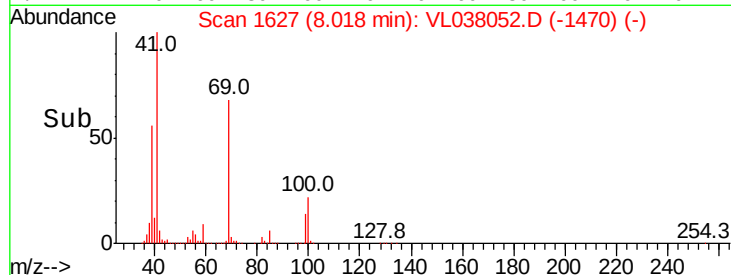
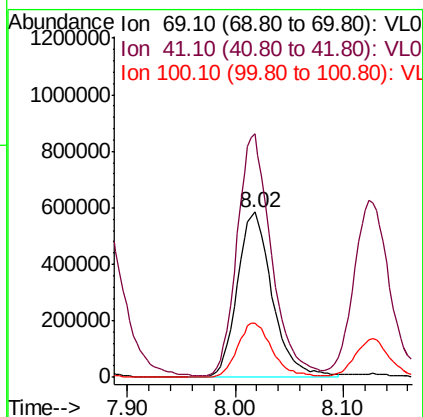
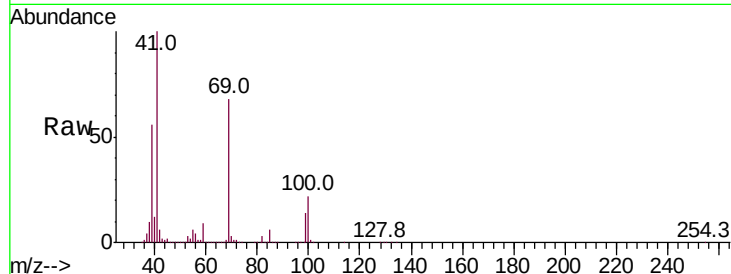


#43
Methyl Methacrylate
Concen: 14.308 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
69 100
41 145.
100 32.

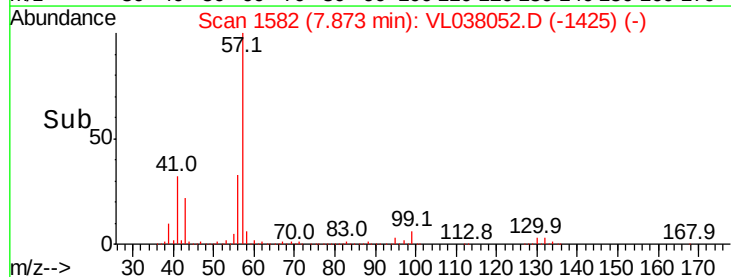
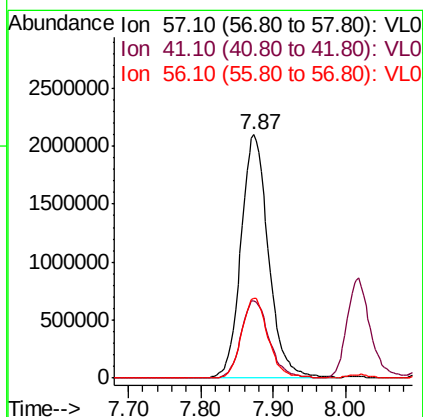
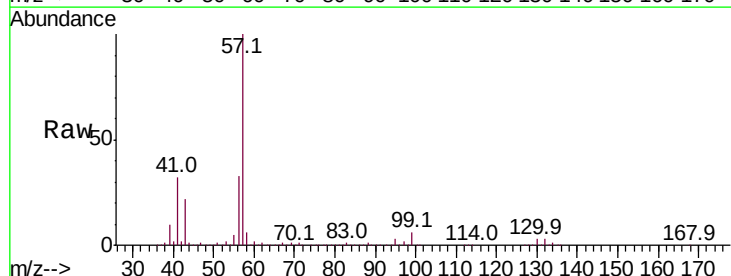
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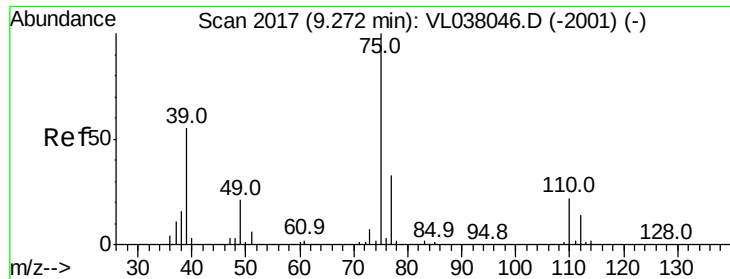
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
2,2,4-Trimethylpentane
Concen: 12.453 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 57 Resp: 5550119
Ion Ratio Lower Upper
57 100
41 32.5 25.8 38.6
56 31.8 25.6 38.4



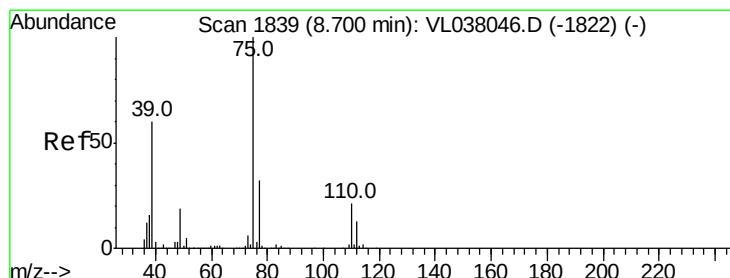
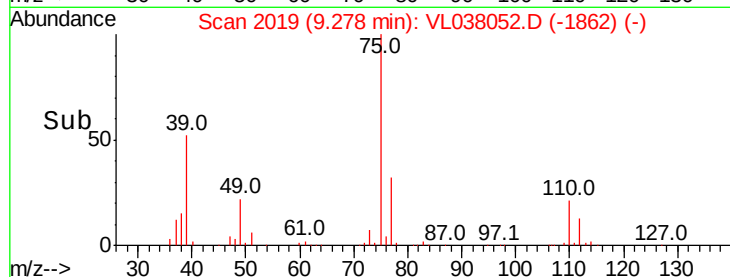
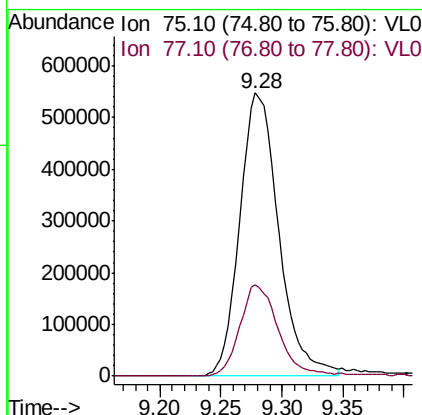
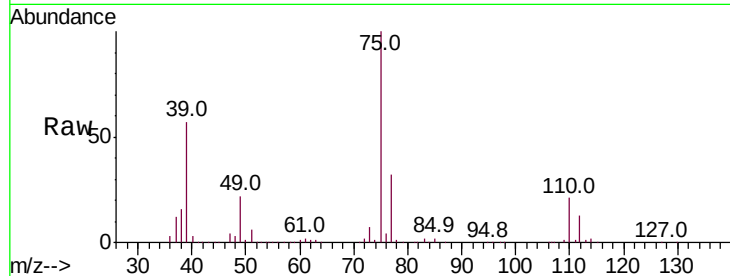


#45
 t-1,3-Dichloropropene
 Concen: 15.758 ppbv
 RT: 9.28
 Instrument : MSVOA_1
 Delta R.T.:
 ClientSampleId :
 Lab File: VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:
 Ion Ratio
 75 100
 77 32.

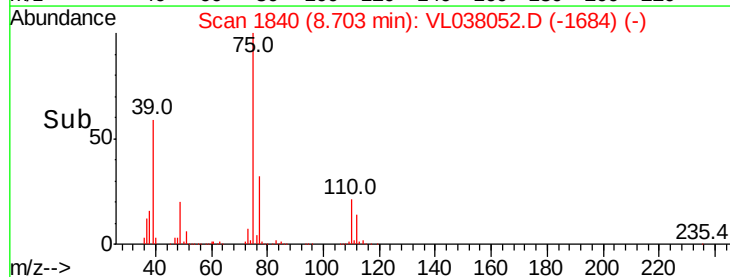
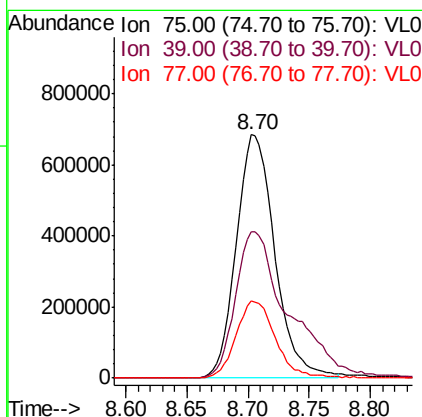
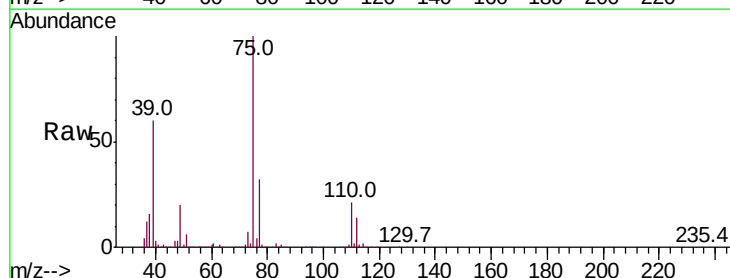
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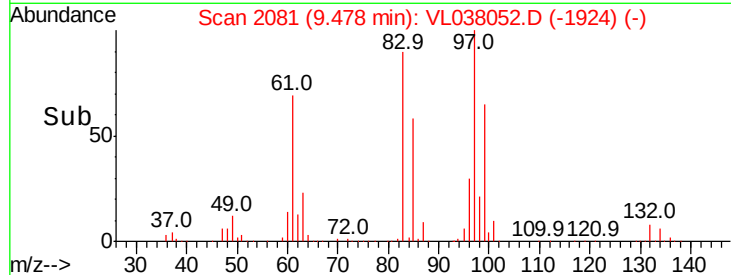
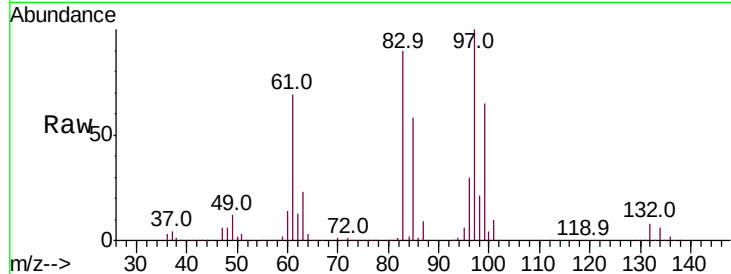
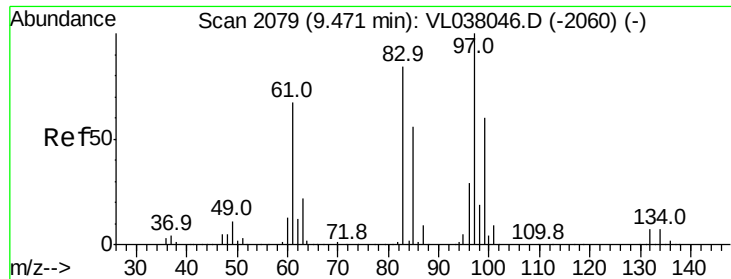
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 14.953 ppbv
 RT: 8.70 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 75 Resp: 1497729
 Ion Ratio Lower Upper
 75 100
 39 60.1 47.8 71.8
 77 31.7 25.5 38.3



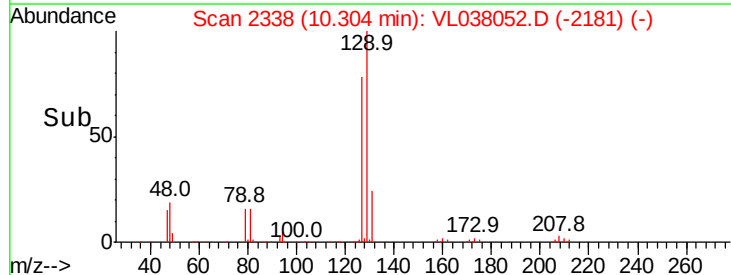
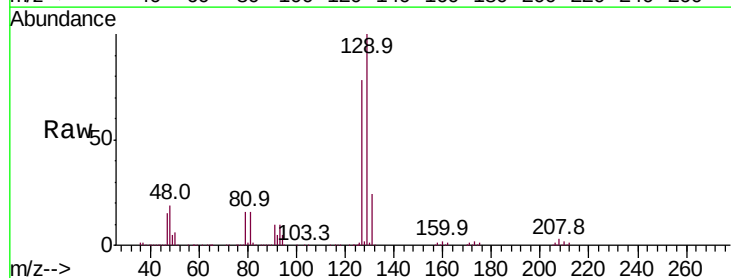
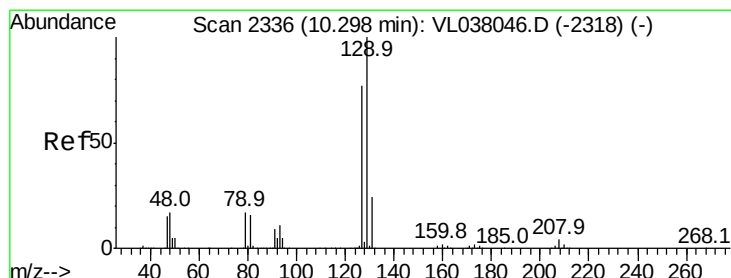
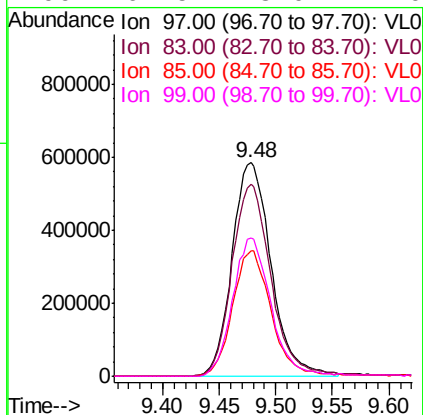


#47
 1,1,2-Trichloroethane
 Concen: 13.806 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:
 Ion Ratio
 97 100
 83 89.
 85 58.
 99 64.5 48.0 72.0

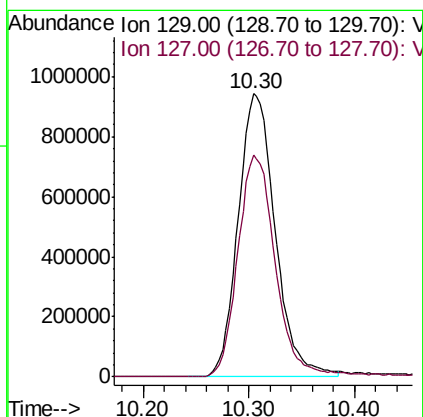
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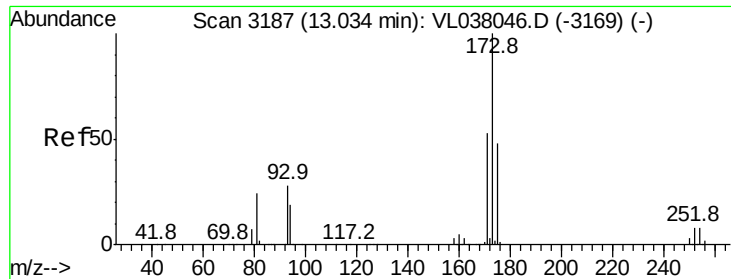
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#48
 Dibromochloromethane
 Concen: 13.930 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:129 Resp: 2306952
 Ion Ratio Lower Upper
 129 100
 127 81.2 39.4 118.1





#49

Bromoform

Concen: 12.976 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:1

Ion Rati

173 100

175 52.

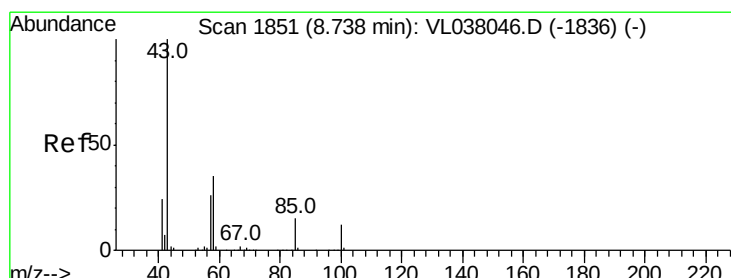
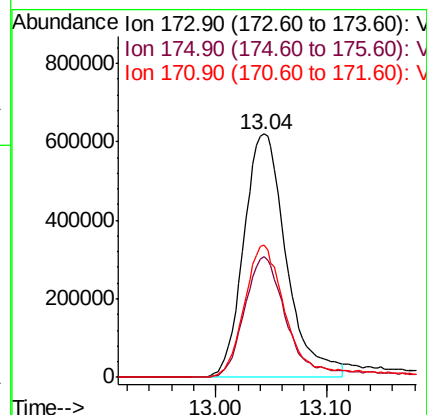
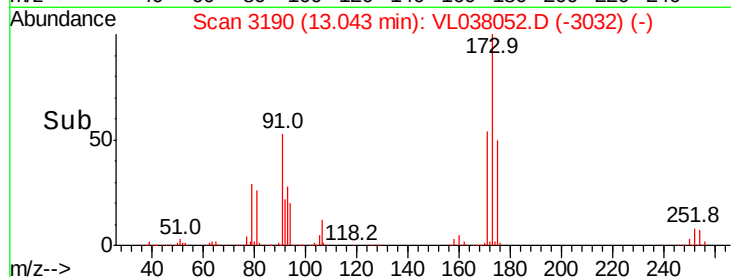
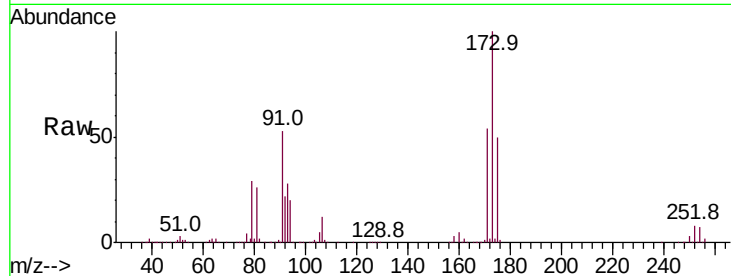
171 57.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#50

4-Methyl-2-Pentanone

Concen: 14.302 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038052.D

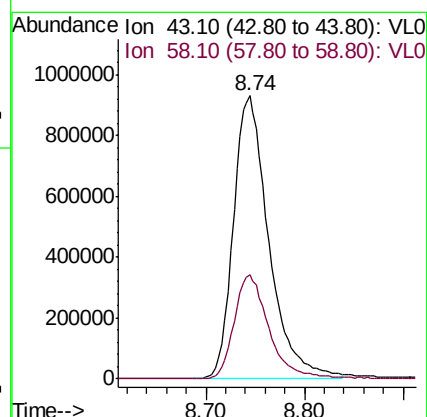
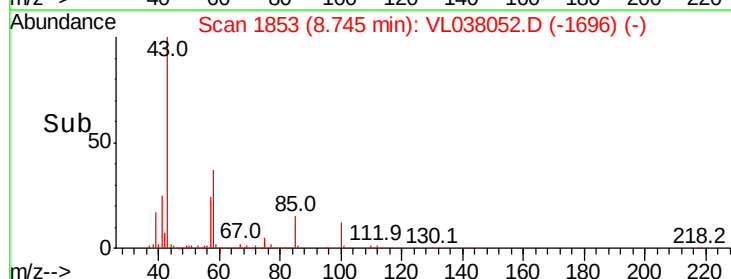
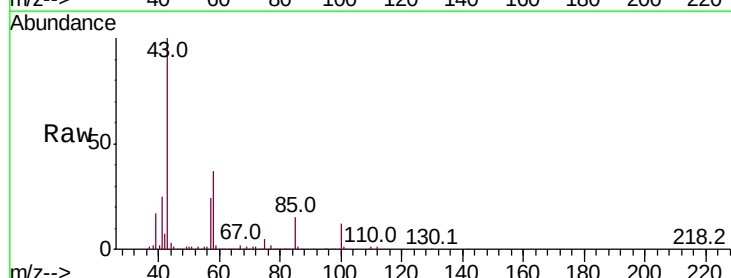
Acq: 18 Nov 2021 12:35

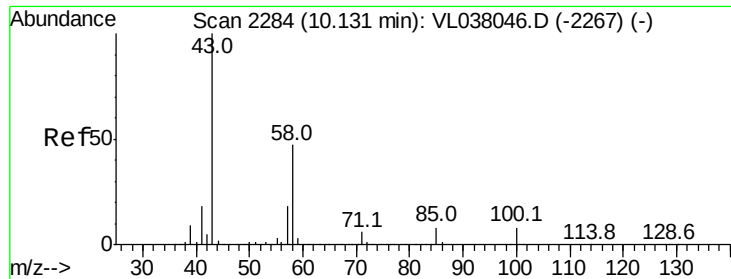
Tgt Ion: 43 Resp: 2319925

Ion Ratio Lower Upper

43 100

58 36.5 29.4 44.2





#51

2-Hexanone

Concen: 14.634 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

43 100

58 51.

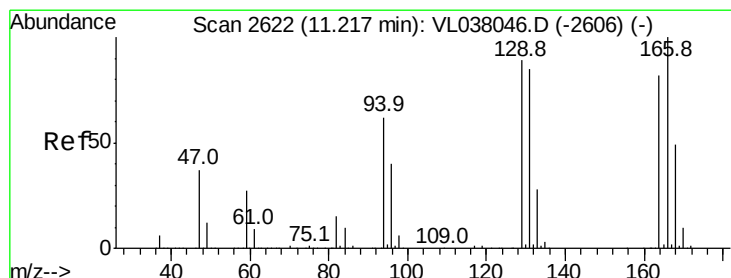
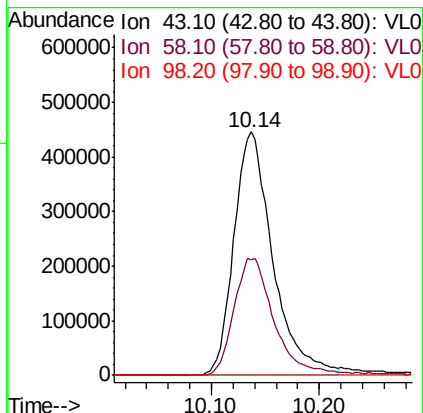
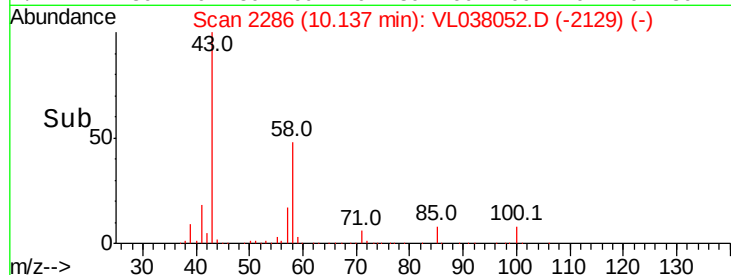
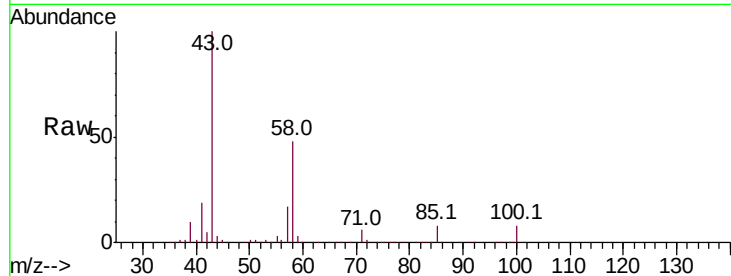
98 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#52

Tetrachloroethene

Concen: 11.894 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.01 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

Tgt Ion:164 Resp: 1164858

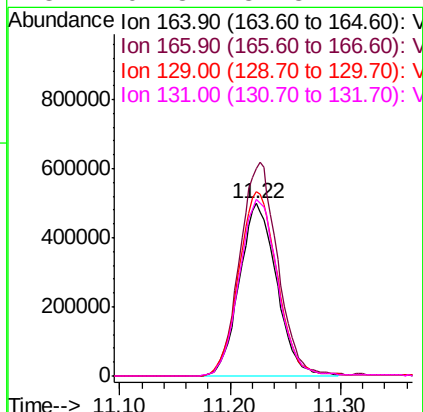
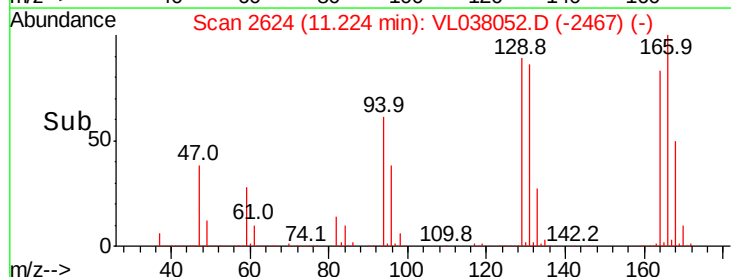
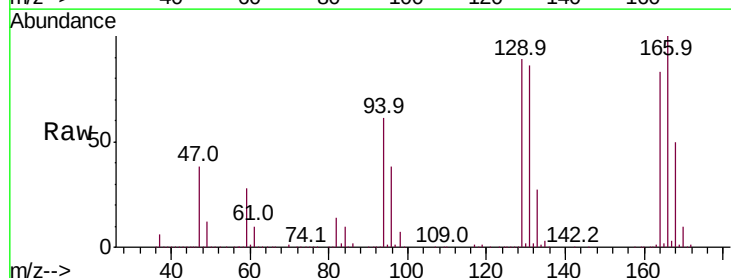
Ion Ratio Lower Upper

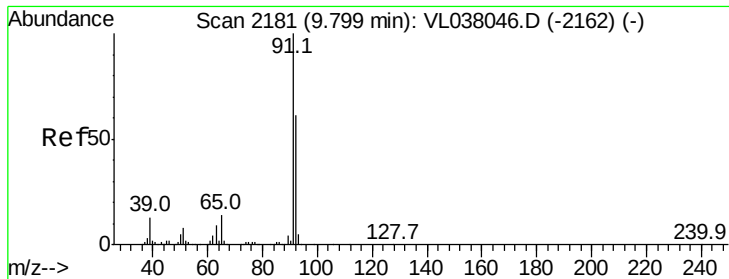
164 100

166 120.0 97.2 145.8

129 106.8 86.9 130.3

131 102.8 82.8 124.2





#53

Toluene

Concen: 13.171 ppbv

RT: 9.81 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 12:35 VSTDIC015

Tot Ion:

Ion Ratio

91 100

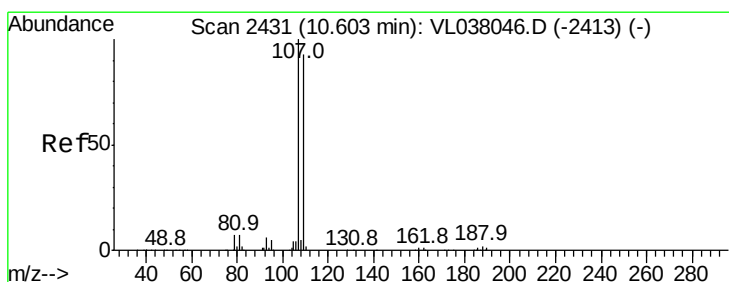
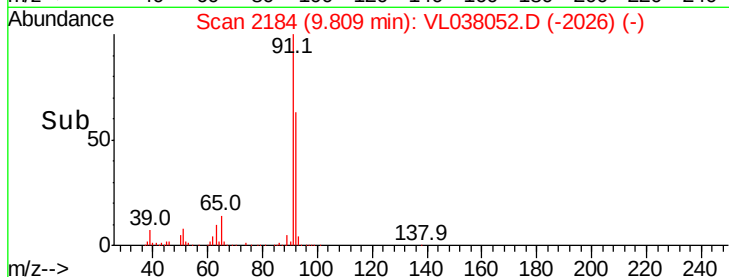
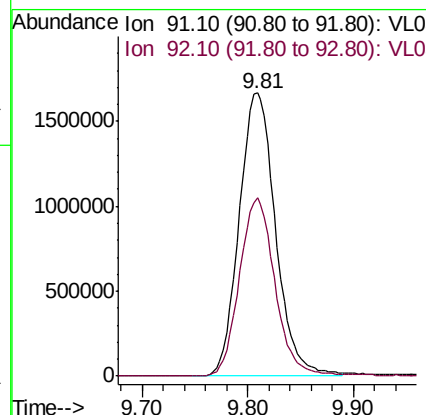
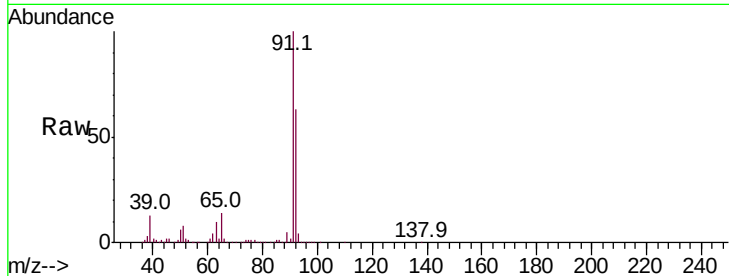
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 14.506 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038052.D

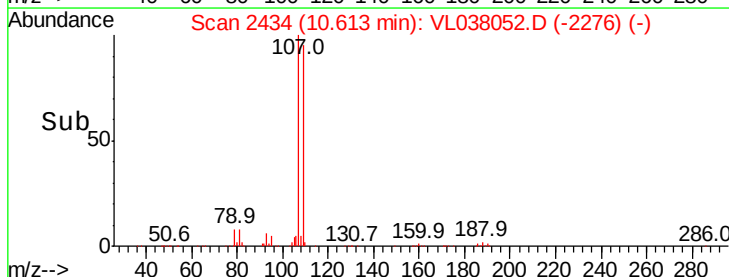
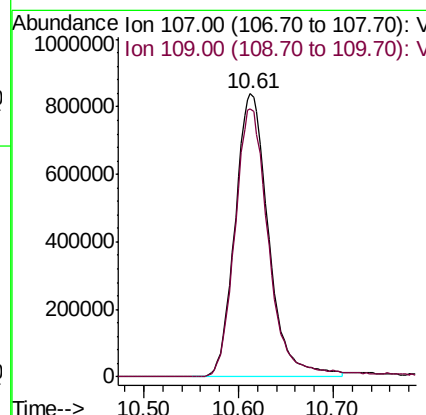
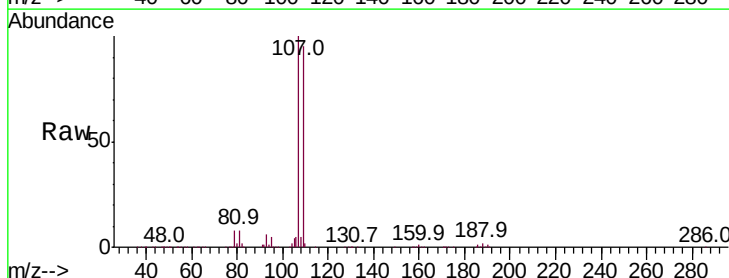
Acq: 18 Nov 2021 12:35

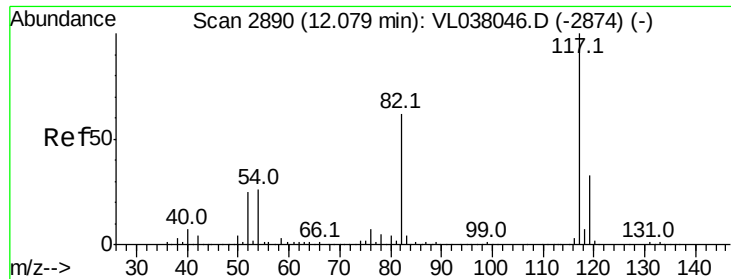
Tgt Ion:107 Resp: 2070204

Ion Ratio Lower Upper

107 100

109 94.9 74.6 111.8



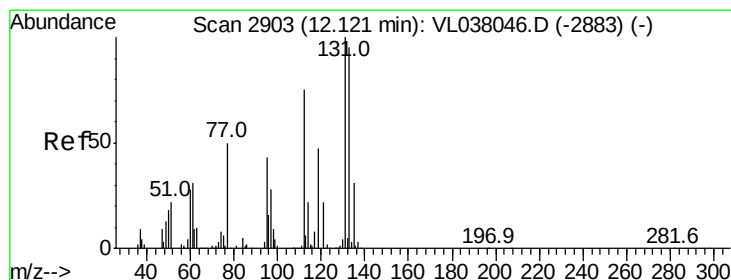
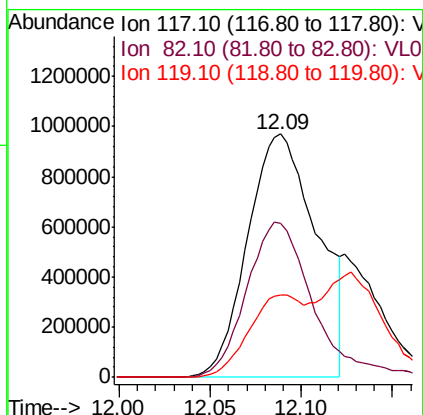
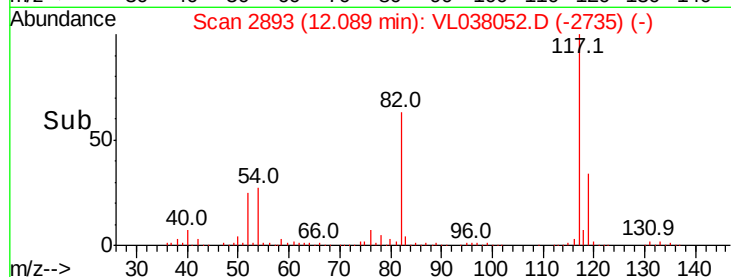
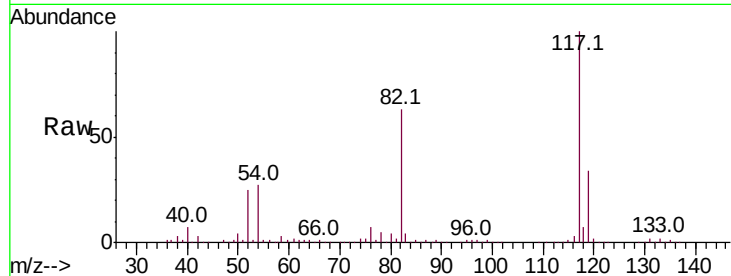


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:1
Ion Rati
117 100
82 64.
119 70.

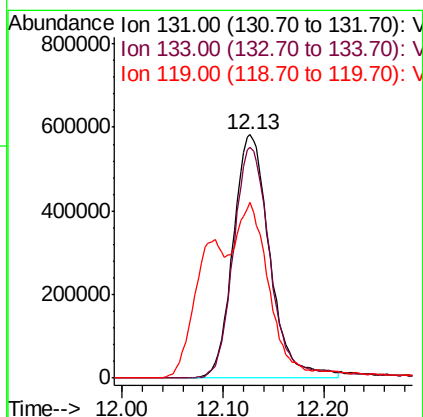
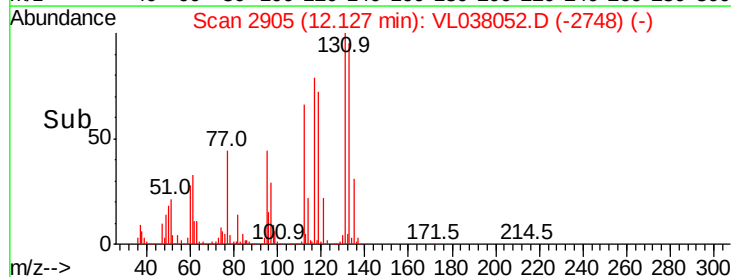
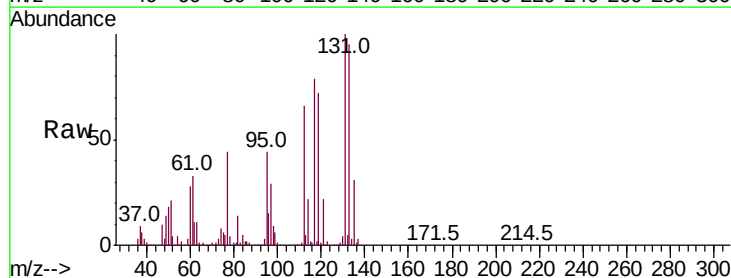
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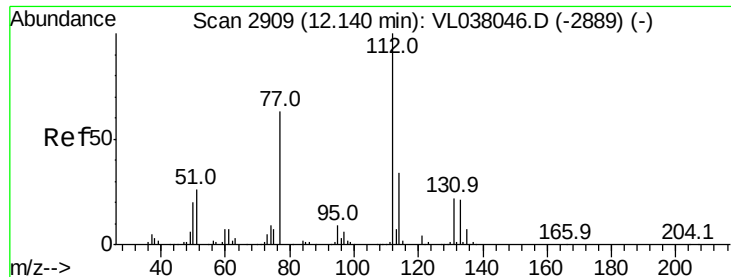
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 13.124 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion:131 Resp: 1468213
Ion Ratio Lower Upper
131 100
133 99.4 78.8 118.2
119 77.5 56.3 84.5





#57

Chlorobenzene

Concen: 13.044 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:1

Ion Rati

112 100

77 63.

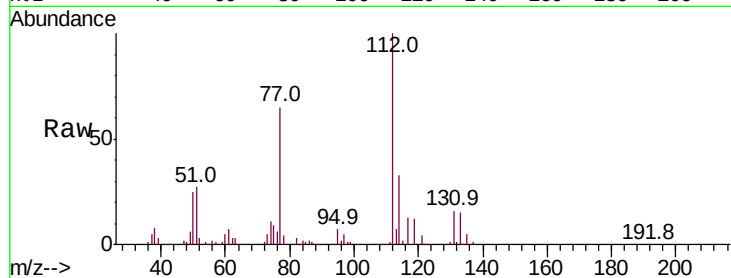
114 33.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

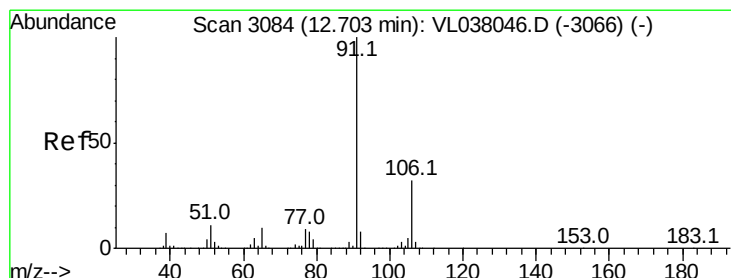
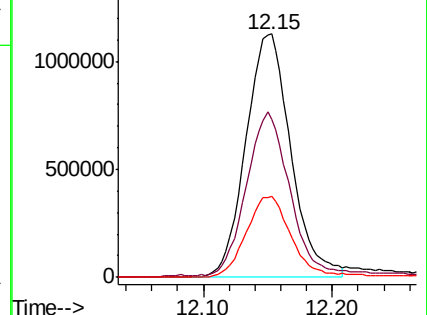
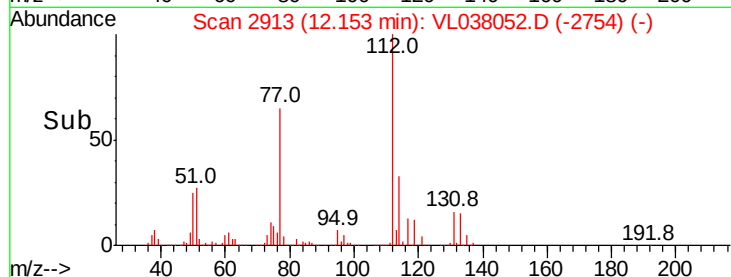
Supervised By :Mahesh Dadoda 11/29/2021



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: 13.197 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. 0.01 min

Lab File: VL038052.D

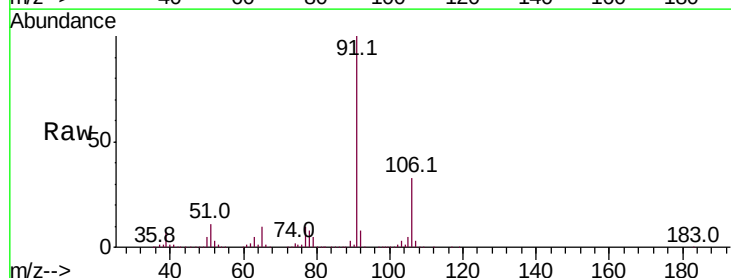
Acq: 18 Nov 2021 12:35

Tgt Ion: 91 Resp: 5135495

Ion Ratio Lower Upper

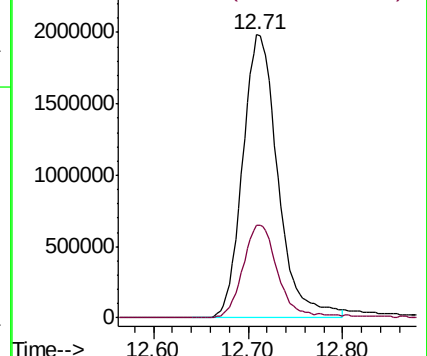
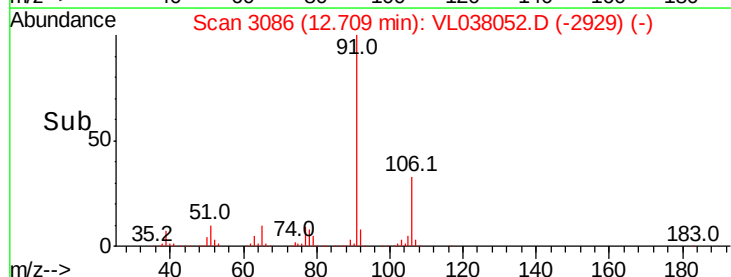
91 100

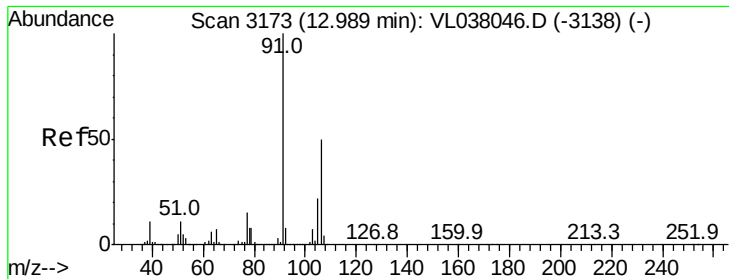
106 32.5 25.8 38.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



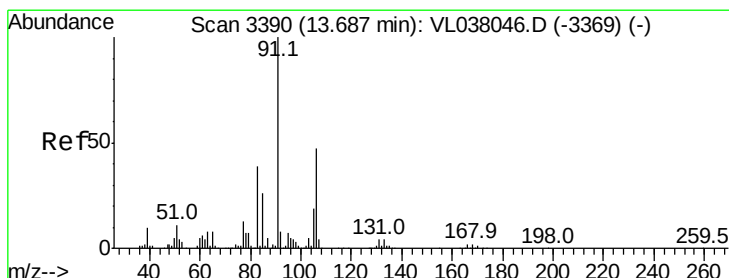
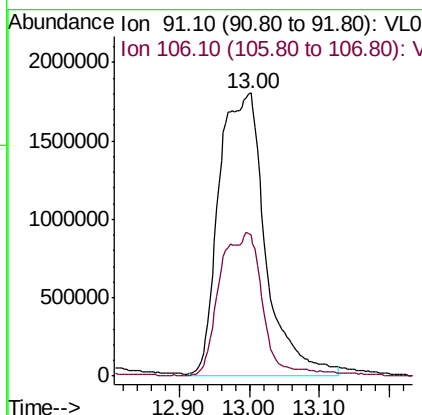
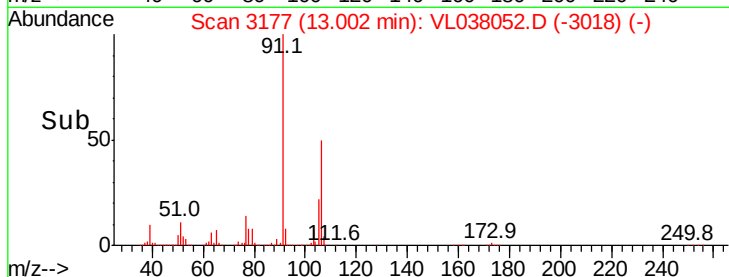
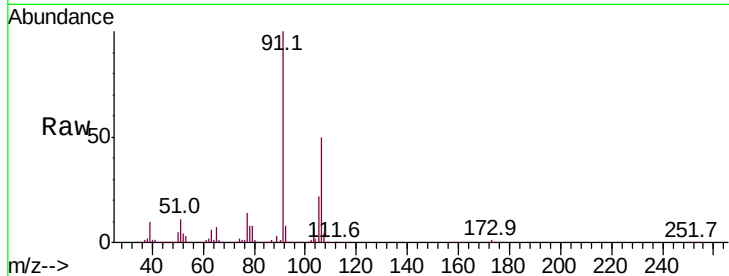


#59
m/p-Xylene
Concen: 25.798 ppbv m
RT: 13.00 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC015
Acq: 18 Nov 2021 12:35

Tot Ion:
Ion Ratio
91 100
106 47.

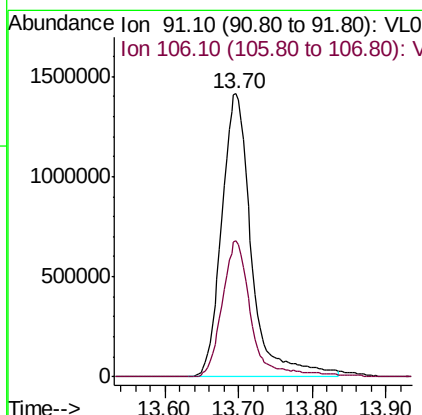
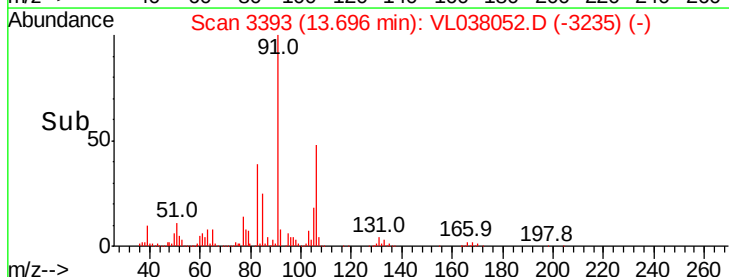
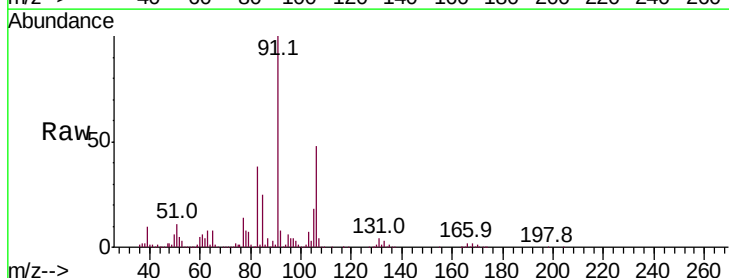
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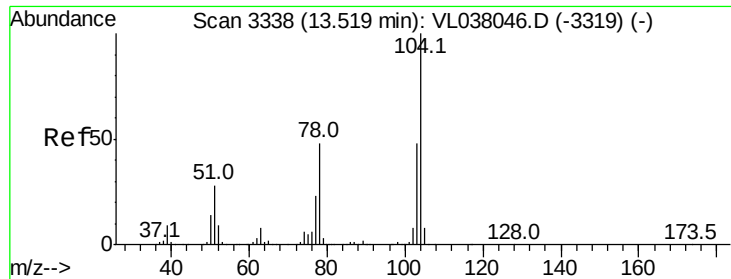
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 13.175 ppbv
RT: 13.70 min Scan# 3393
Delta R.T.: 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion: 91 Resp: 3954302
Ion Ratio Lower Upper
91 100
106 47.2 24.2 72.6



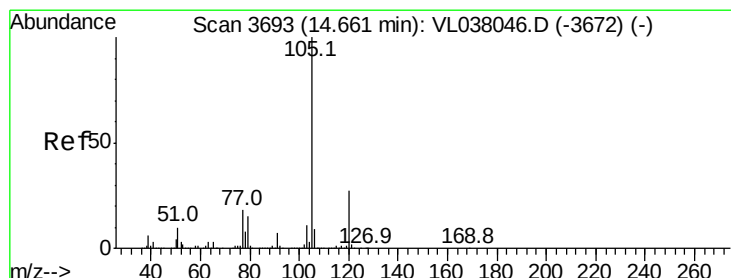
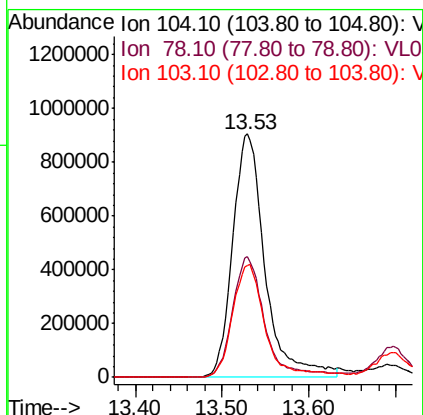
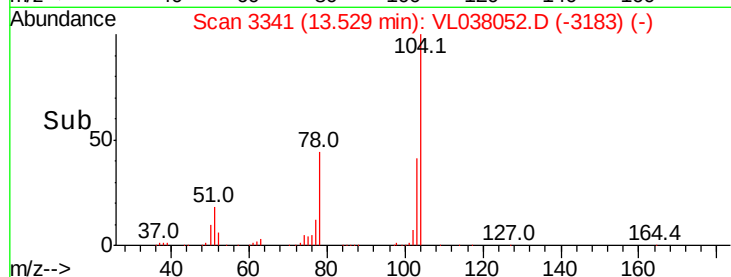
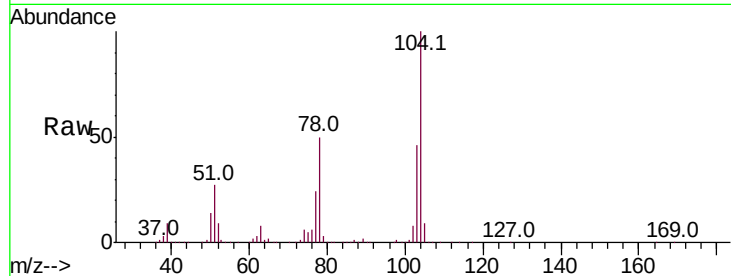


#61
Stvrene
Concen: 14.038 ppbv m
RT: 13.53
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 18 Nov 2021 12:35

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

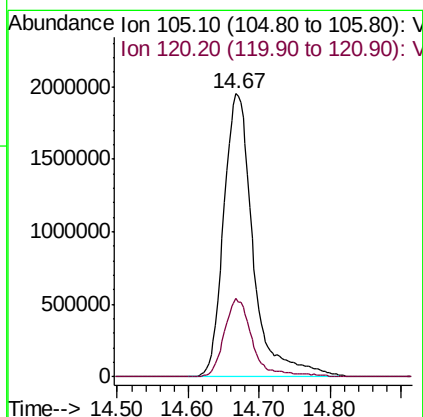
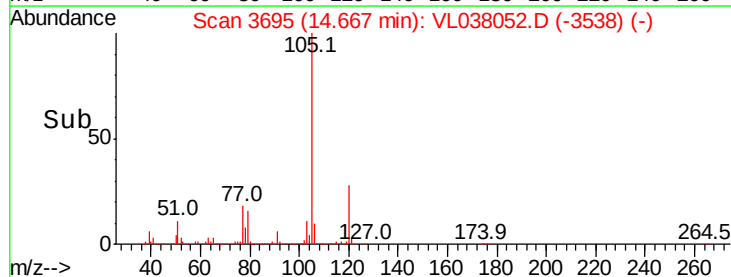
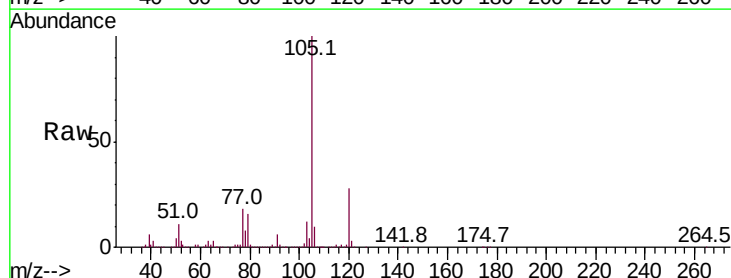
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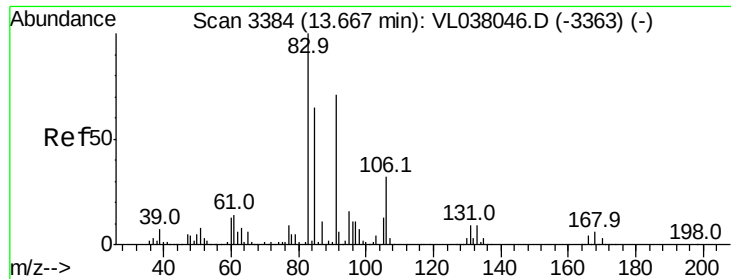
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 12.981 ppbv m
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion:105 Resp: 5633031
Ion Ratio Lower Upper
105 100
120 26.7 21.8 32.6



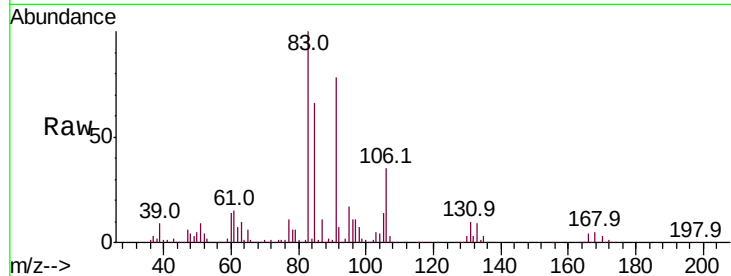


#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.750 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

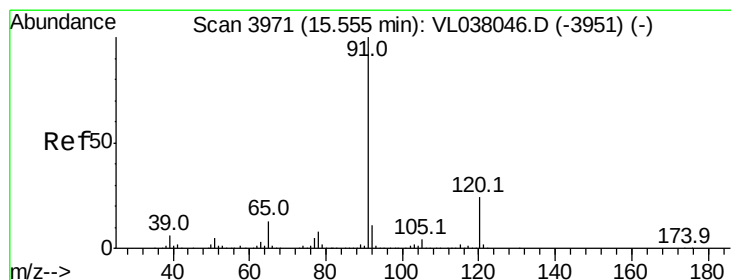
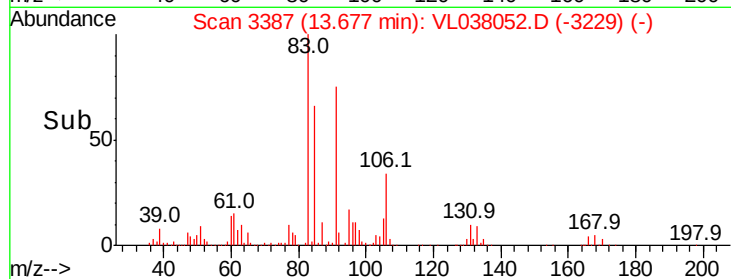
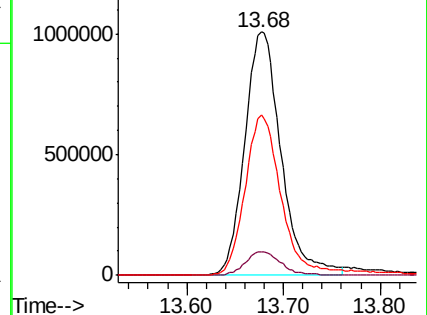
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

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

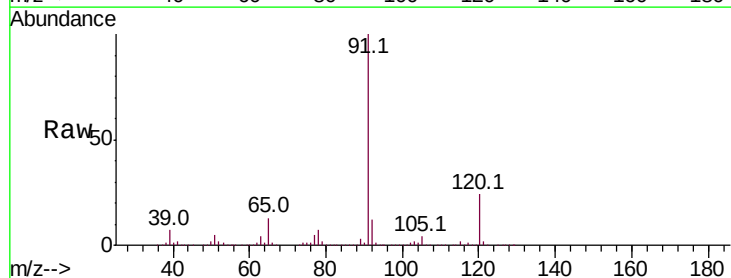


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

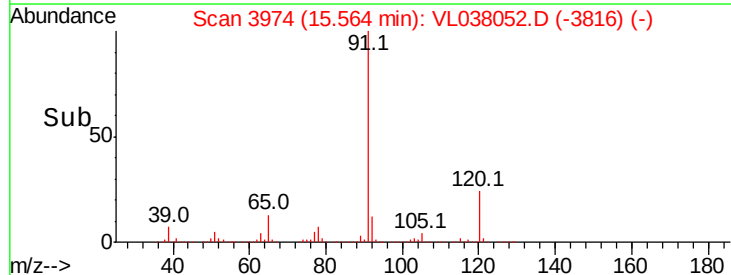
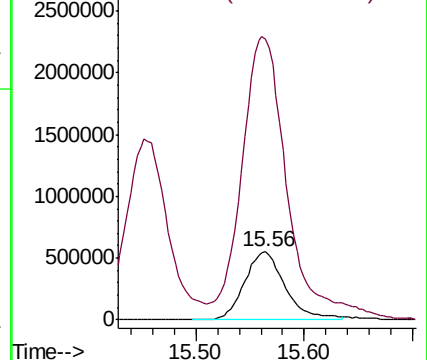


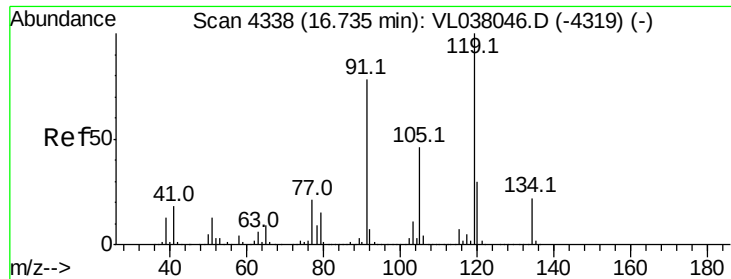
#64
 n-propylbenzene
 Concen: 13.064 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:120 Resp: 1445241
 Ion Ratio Lower Upper
 120 100
 91 466.7 371.7 557.5



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0



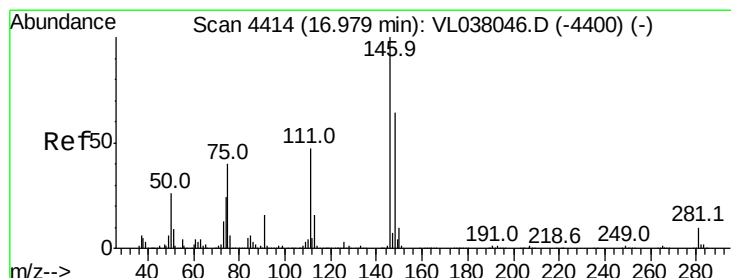
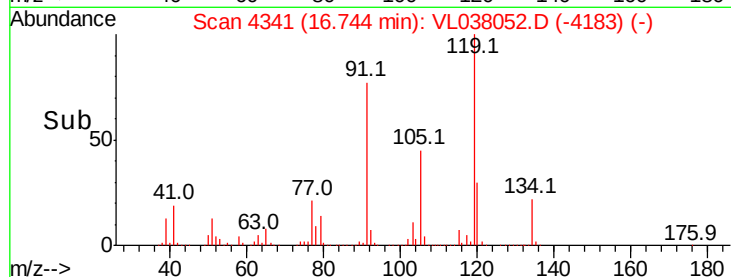
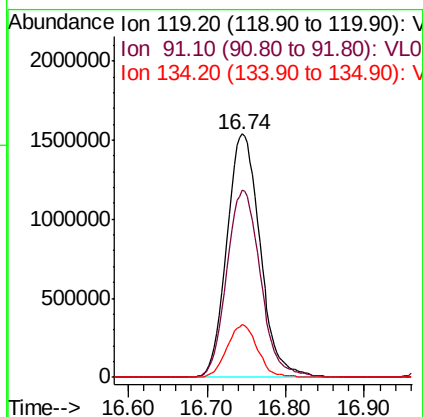
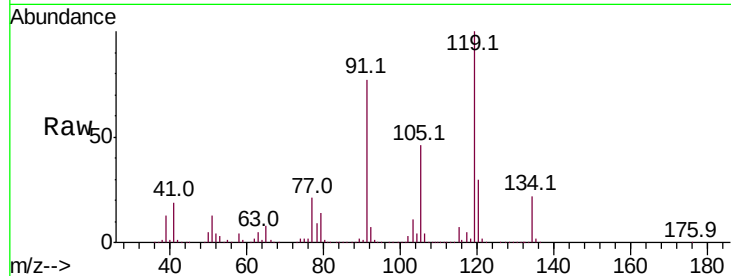


#65
 tert-Butylbenzene
 Concen: 11.836 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:1
 Ion Rati
 119 100
 91 78.
 134 20.

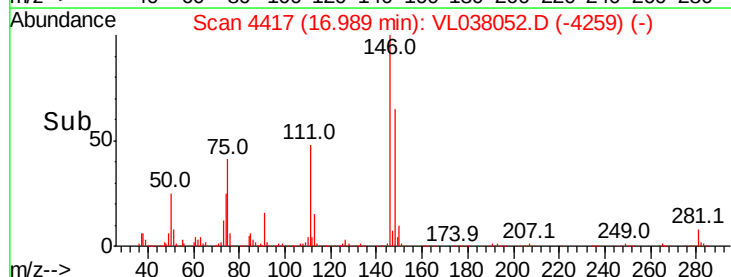
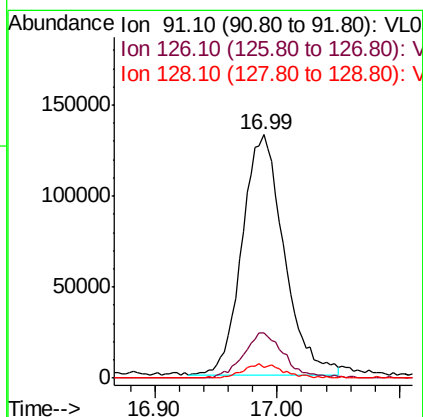
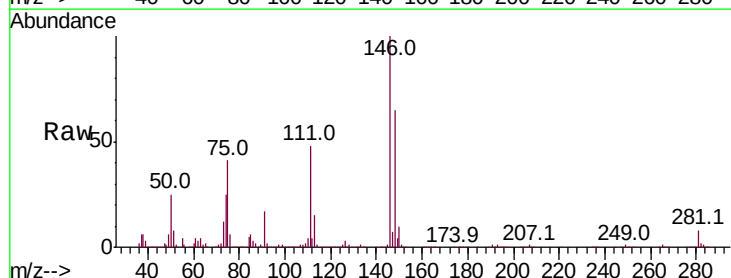
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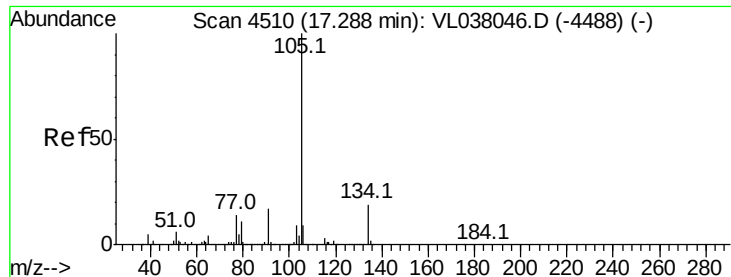
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#66
 Benzyl Chloride
 Concen: 11.718 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 91 Resp: 311623
 Ion Ratio Lower Upper
 91 100
 126 18.7 15.5 23.3
 128 6.0 5.6 8.4





#67

sec-Butylbenzene

Concen: 12.058 ppbv

RT: 17.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:1

Ion Rati

105 100

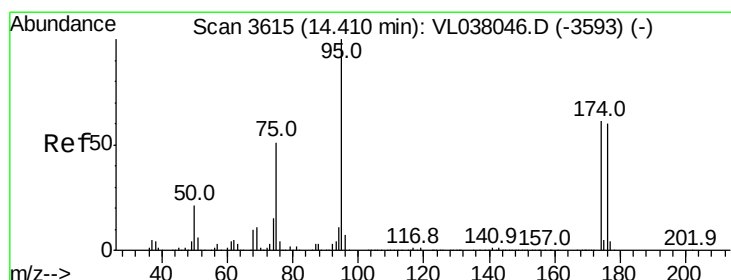
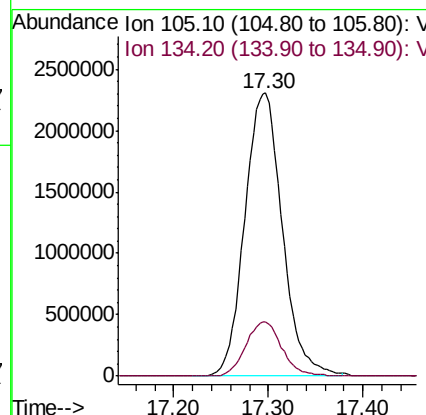
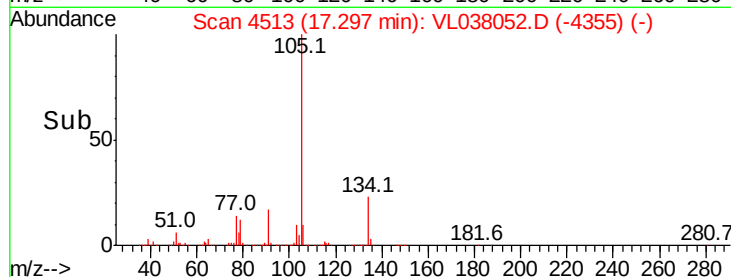
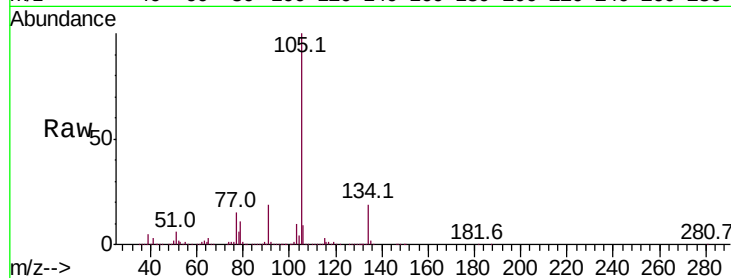
134 18.

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Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.173 ppbv m

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

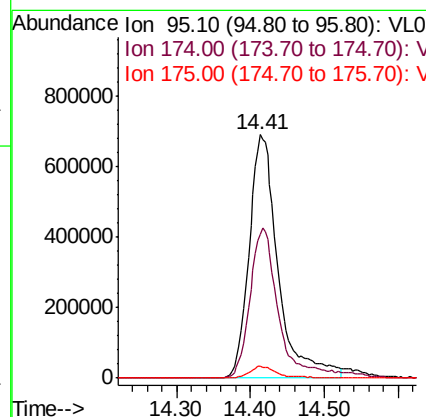
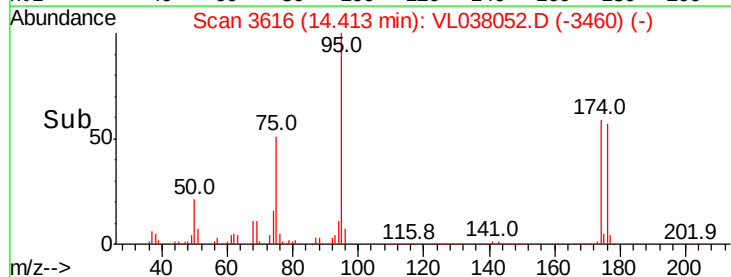
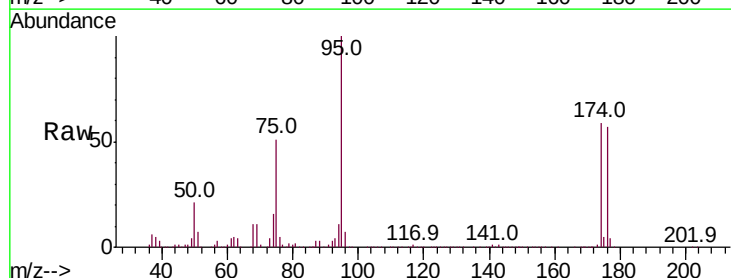
Tgt Ion: 95 Resp: 1883111

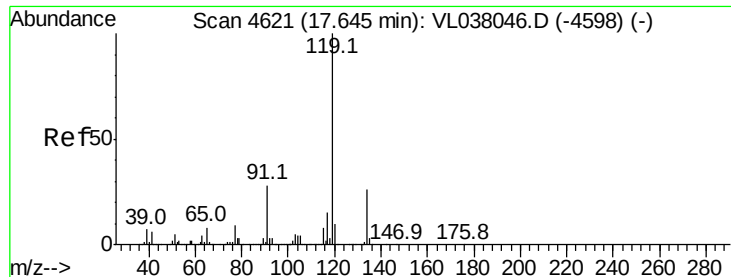
Ion Ratio Lower Upper

95 100

174 62.5 53.1 79.7

175 4.8 4.0 6.0



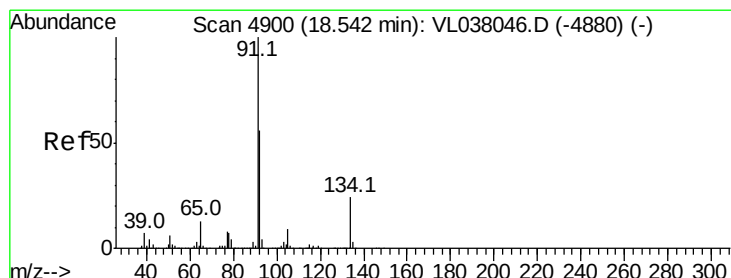
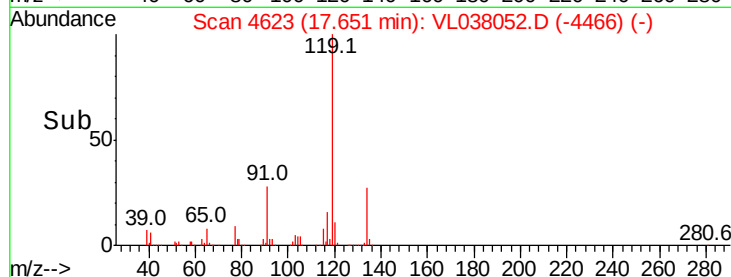
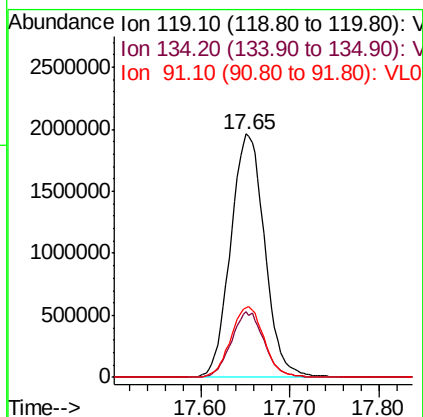
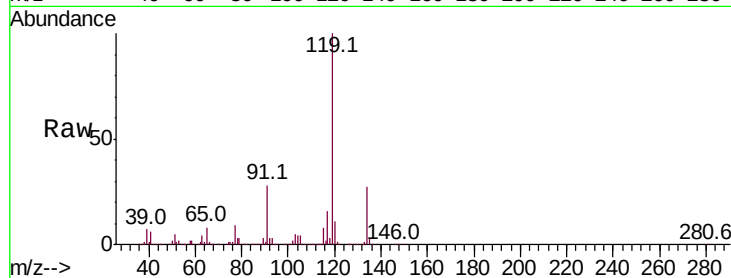


#69
 p-Isopropyltoluene
 Concen: 12.223 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 28.

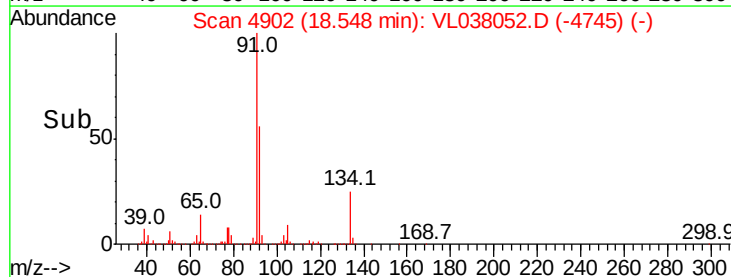
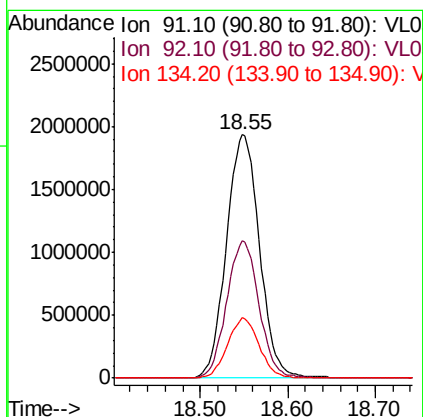
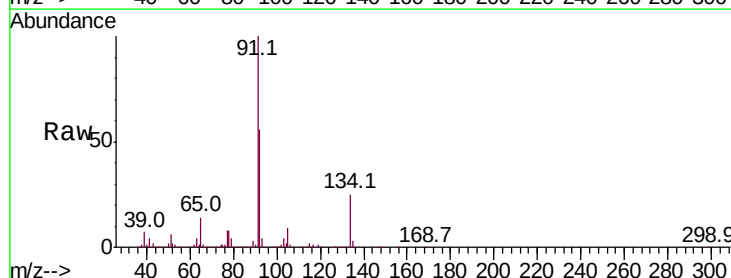
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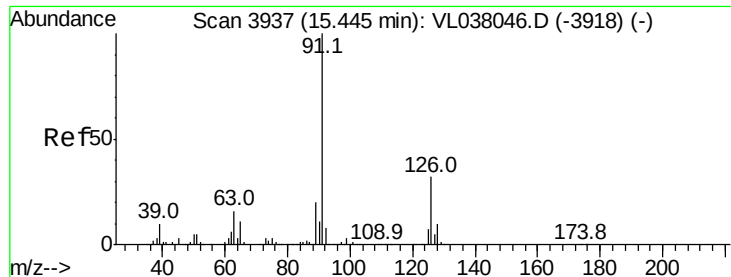
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 13.049 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 91 Resp: 5072907
 Ion Ratio Lower Upper
 91 100
 92 55.4 44.1 66.1
 134 23.8 18.9 28.3



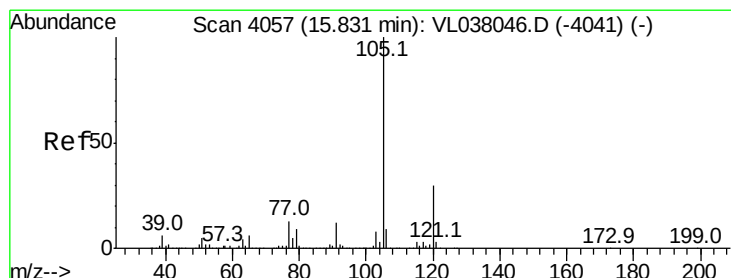
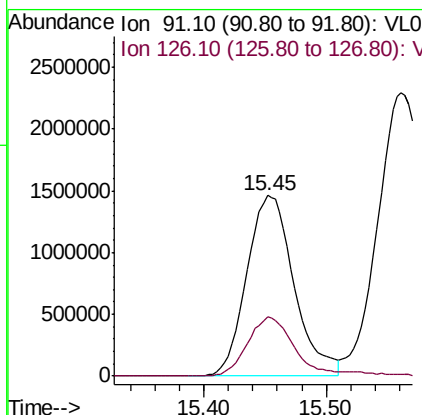
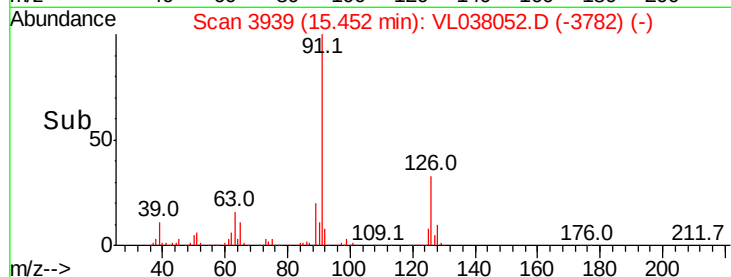
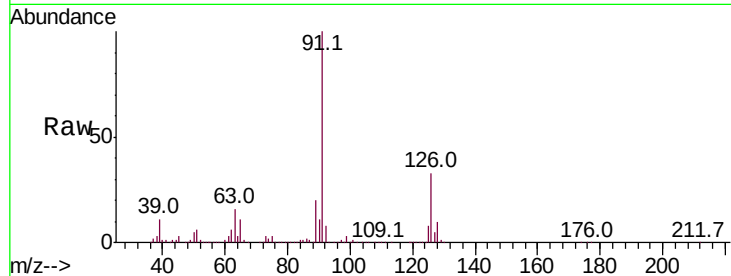


#71
 2-Chlorotoluene
 Concen: 12.633 ppbv
 RT: 15.45 min
 Delta R.T. 0.01 min
 Lab File: VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:
 Ion Ratio
 91 100
 126 33.

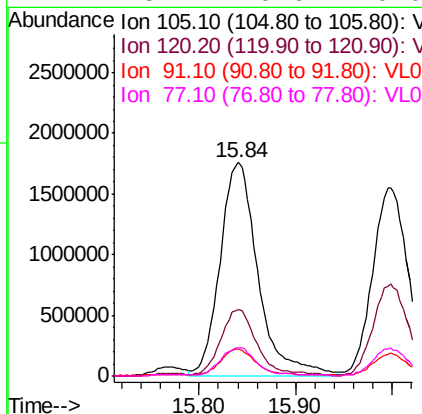
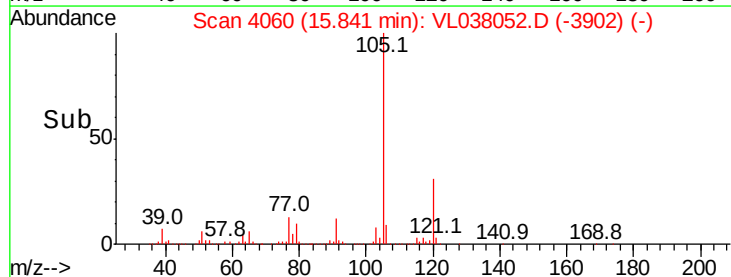
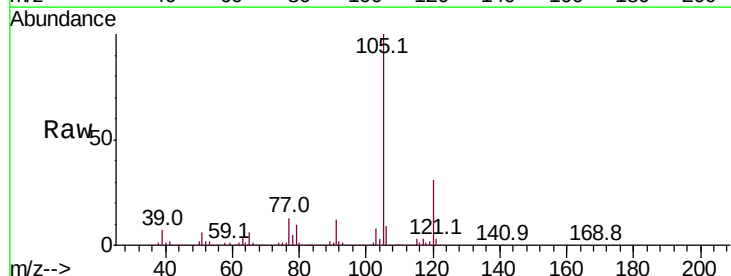
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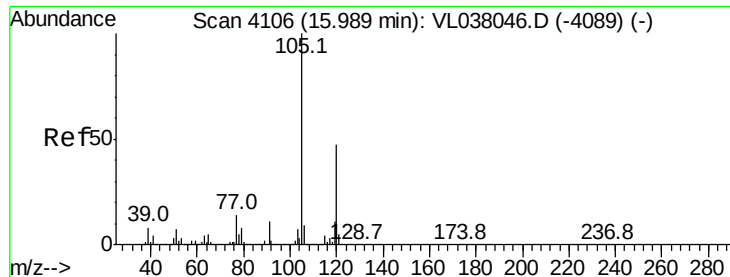
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#72
 4-Ethyltoluene
 Concen: 13.435 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:105 Resp: 4808261
 Ion Ratio Lower Upper
 105 100
 120 30.3 25.1 37.7
 91 11.5 9.7 14.5
 77 13.1 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 12.868 ppbv

RT: 16.00 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 18 Nov 2021 12:35

Tot Ion:1

Ion Rati

105 100

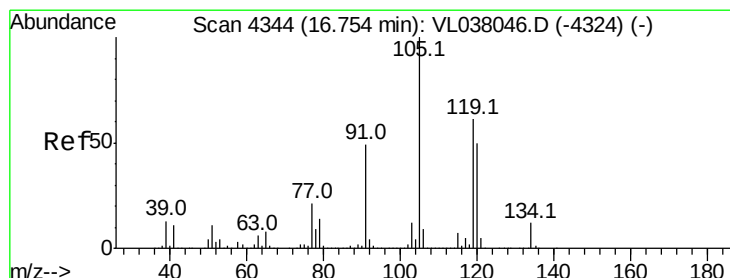
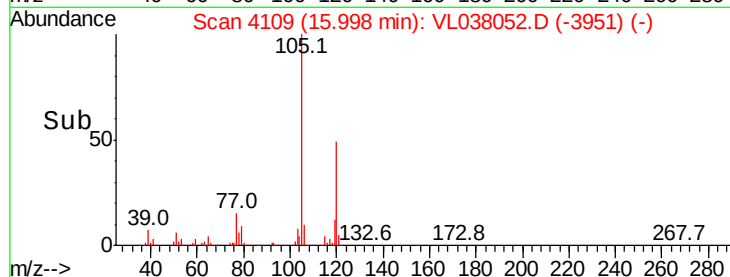
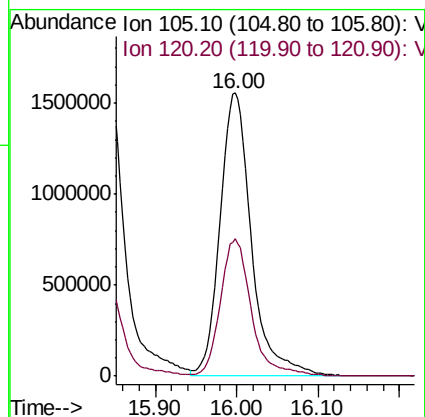
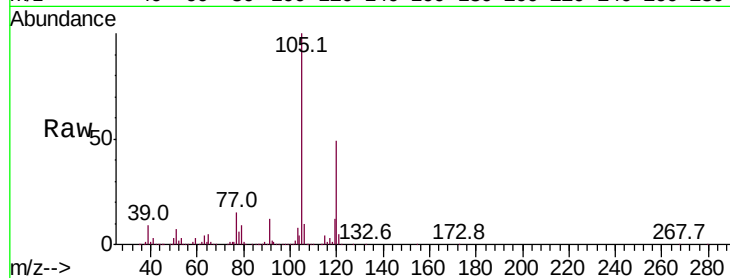
120 48.

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Supervised By :Mahesh Dadoda 11/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 12.335 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. 0.01 min

Lab File: VL038052.D

Acq: 18 Nov 2021 12:35

Tgt Ion:105 Resp: 4065194

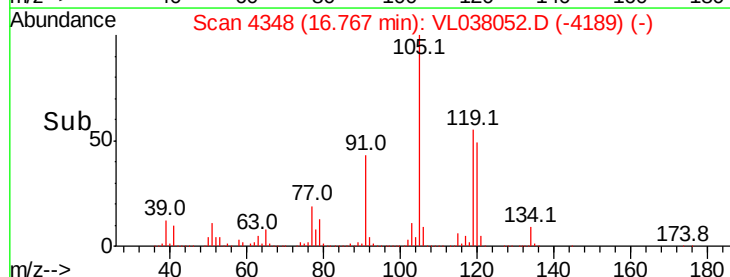
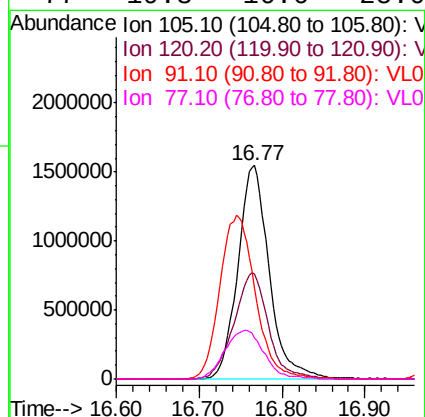
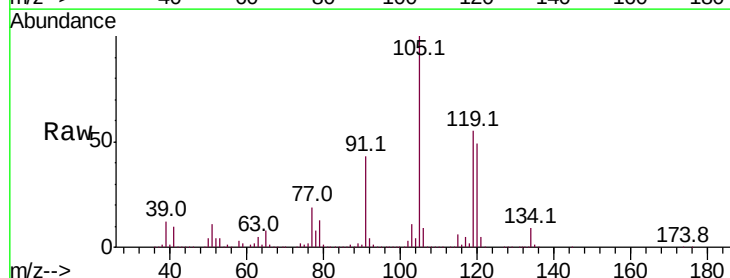
Ion Ratio Lower Upper

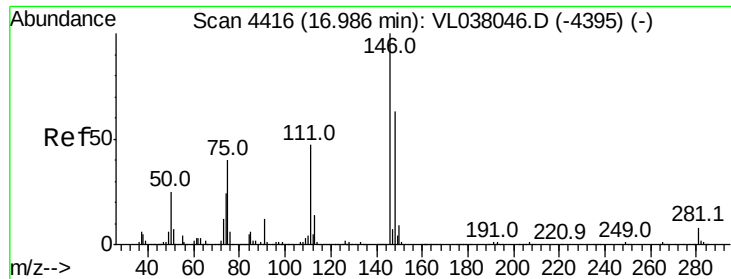
105 100

120 48.8 40.1 60.1

91 42.6 39.8 59.8

77 19.3 16.6 25.0



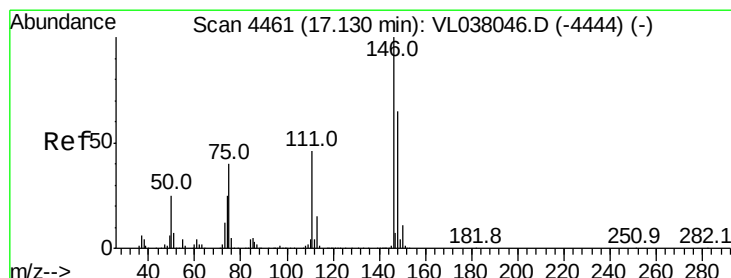
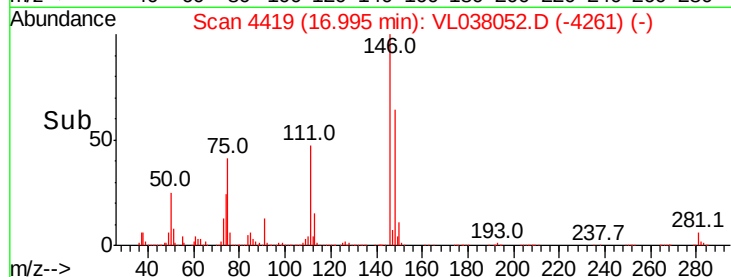
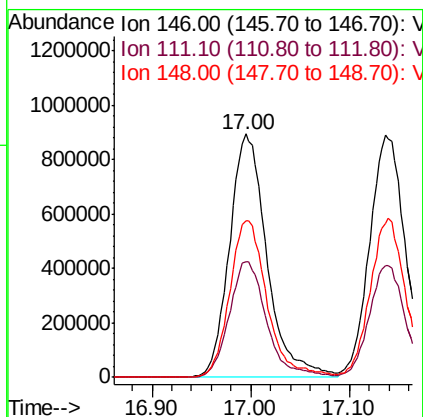
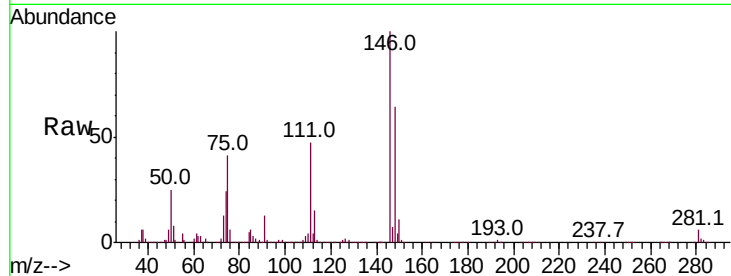


#75
 1,3-Dichlorobenzene
 Concen: 12.976 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 64.

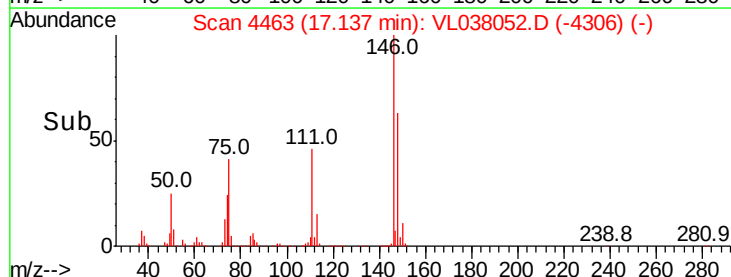
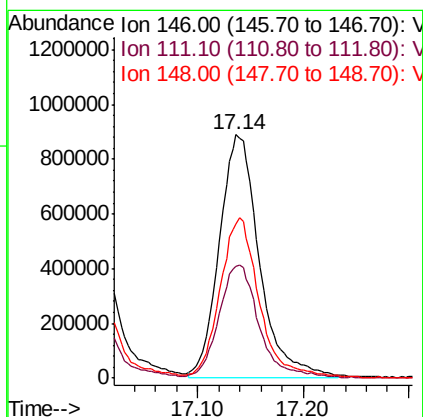
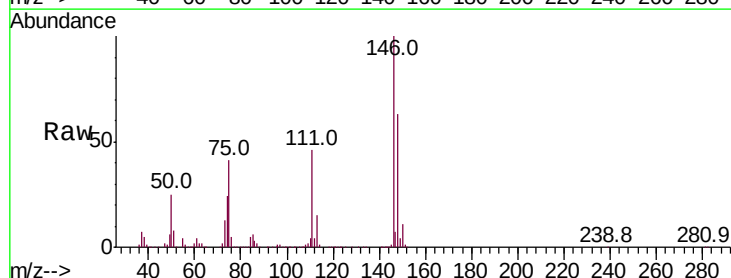
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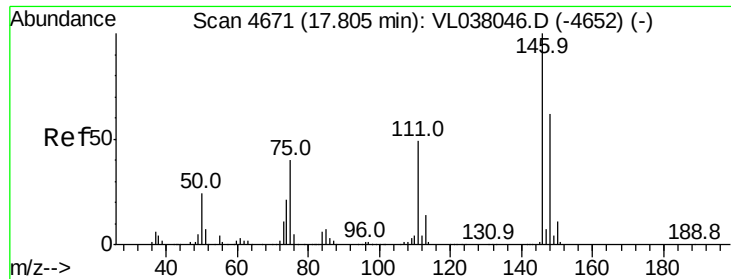
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 12.676 ppbv m
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.01 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion:146 Resp: 2362108
 Ion Ratio Lower Upper
 146 100
 111 46.3 23.8 71.5
 148 64.2 33.2 99.6



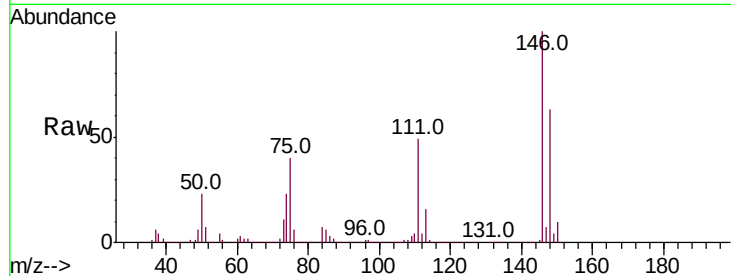


#77
 1,2-Dichlorobenzene
 Concen: 12.708 ppbv
 RT: 17.82 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC015
 Acq: 18 Nov 2021 12:35

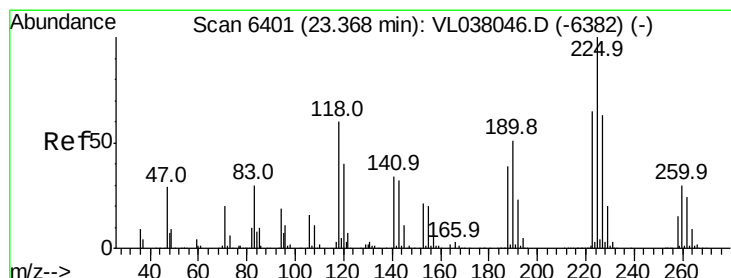
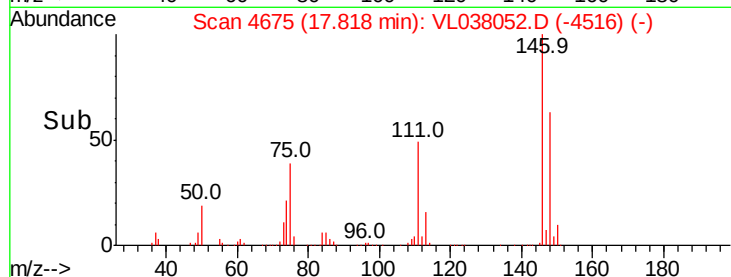
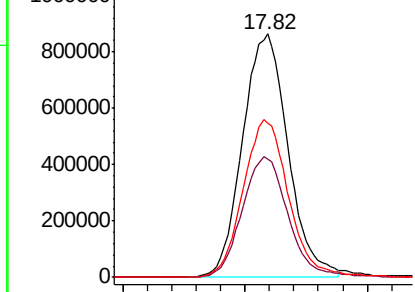
Tot Ion: 1
 Ion Ratio
 146 100
 111 50.0
 148 65.0

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 Supervised By : Mahesh Dadoda 11/29/2021

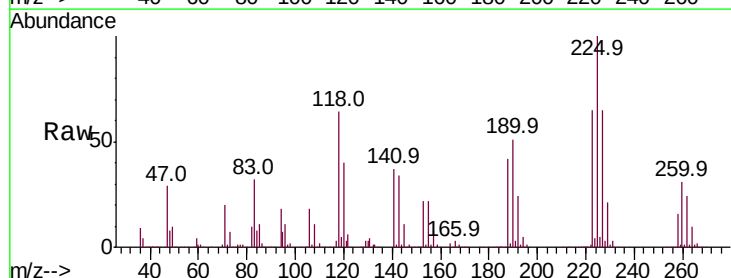


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

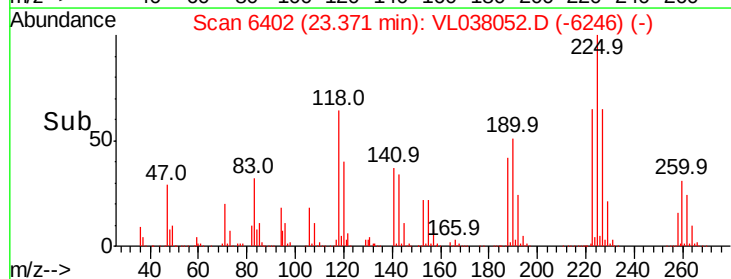
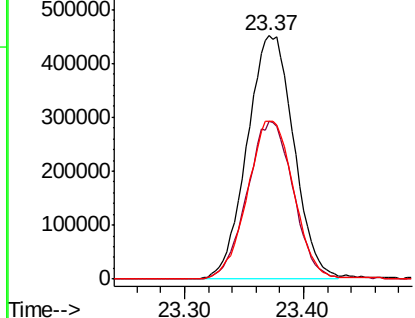


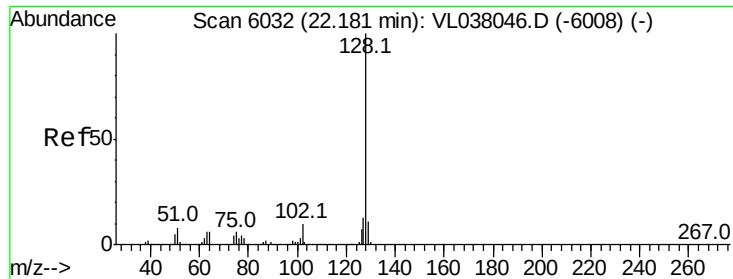
#78
 Hexachloro-1,3-Butadiene
 Concen: 10.804 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T.: 0.00 min
 Lab File: VL038052.D
 Acq: 18 Nov 2021 12:35

Tgt Ion: 225 Resp: 1222357
 Ion Ratio Lower Upper
 225 100
 223 64.4 52.3 78.5
 227 64.9 52.4 78.6



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



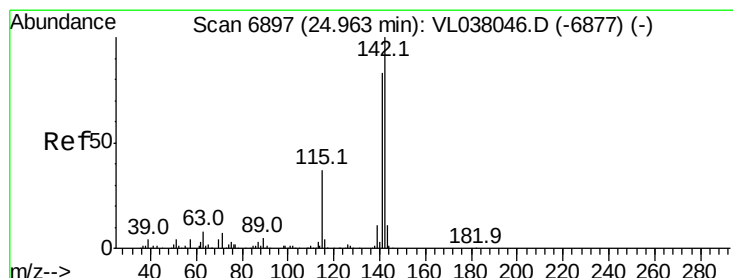
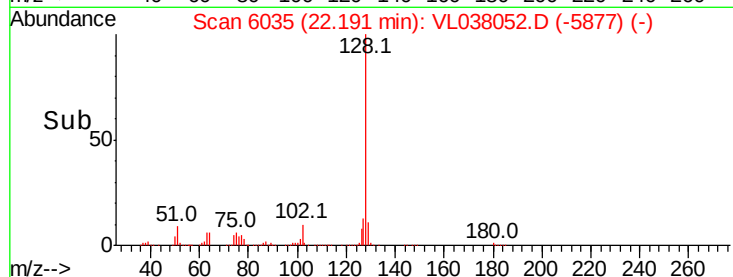
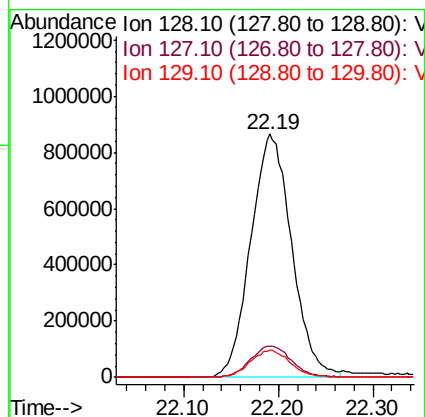
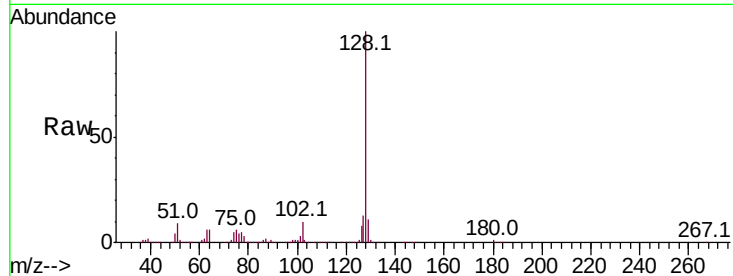


#79
Naphthalene
Concen: 14.405 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 12:35
VSTDIC015

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

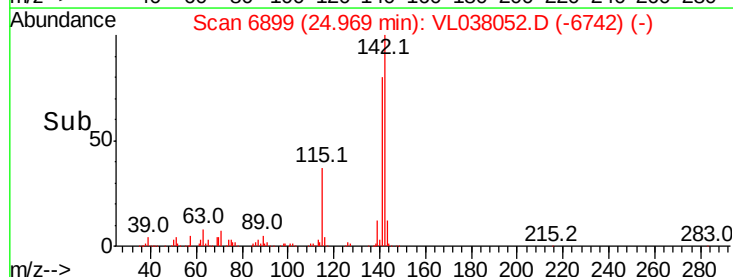
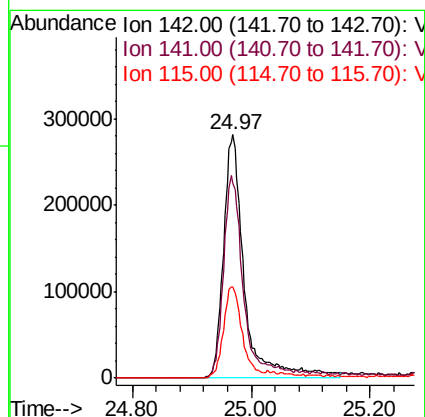
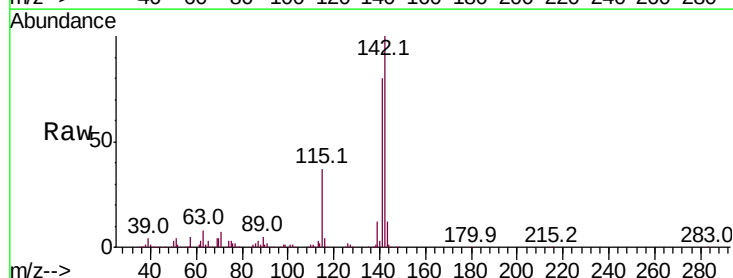
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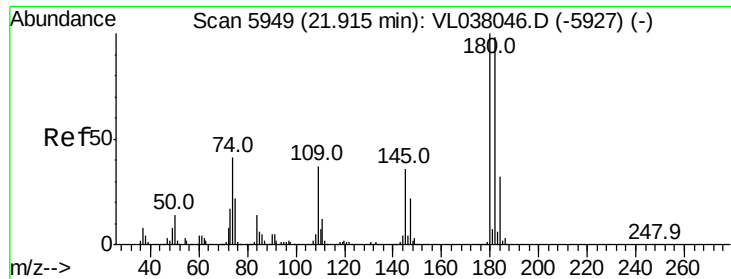
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 20.164 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.01 min
Lab File: VL038052.D
Acq: 18 Nov 2021 12:35

Tgt Ion:142 Resp: 688359
Ion Ratio Lower Upper
142 100
141 80.2 67.3 100.9
115 36.8 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 13.574 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 18 Nov 2021 12:35

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

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

