

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032873.D
 Acq On : 07 Nov 2023 16:38
 Operator : SY/MD
 Sample : 05226-09MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCG47MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
 Supervised By :Semsettin Yesilyurt 11/08/2023

Quant Time: Nov 08 01:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	324476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	369770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	210267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99016	32.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.160%		
7) Chloroethane-d5	1.532	69	95226	36.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.780%		
11) 1,1-Dichloroethene-d2	2.060	65	44372	34.809	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.620%		
21) 2-Butanone-d5	3.789	46	138567	103.513	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.510%		
24) Chloroform-d	4.252	84	221937	45.053	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.100%		
26) 1,2-Dichloroethane-d4	4.944	65	138756	45.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.640%		
32) Benzene-d6	4.963	84	395729	41.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.240%		
36) 1,2-Dichloropropane-d6	5.992	67	123093	42.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.240%		
41) Toluene-d8	7.246	98	399310	42.655	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.300%		
43) trans-1,3-Dichloroprop...	7.554	79	66259	44.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.100%		
47) 2-Hexanone-d5	8.027	63	108008	102.429	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.430%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	220737	50.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.720%		
66) 1,2-Dichlorobenzene-d4	11.564	152	180976	44.664	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	115455	40.438	ug/L	99
3) Chloromethane	1.217	50	112124	40.593	ug/L	100
5) Vinyl chloride	1.285	62	124379	42.230	ug/L	98
6) Bromomethane	1.484	94	86336	42.011	ug/L	99
8) Chloroethane	1.548	64	87395	44.078	ug/L	100
9) Trichlorofluoromethane	1.712	101	207296	44.165	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	127054	44.738	ug/L	99
12) 1,1-Dichloroethene	2.069	96	107573	44.326	ug/L	85
13) Acetone	2.111	43	112755	50.322	ug/L	100
14) Carbon disulfide	2.243	76	251683	43.444	ug/L	99
15) Methyl Acetate	2.375	43	107043	47.117	ug/L	99
16) Methylene chloride	2.449	84	123391	38.331	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	100338	43.318	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	336456	49.185	ug/L	99
19) 1,1-Dichloroethane	3.114	63	199361	45.163	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	117992	46.124	ug/L	99
22) 2-Butanone	3.867	43	142184	74.825	ug/L	99
23) Bromochloromethane	4.149	128	67684	47.404	ug/L	96
25) Chloroform	4.281	83	228510	45.419	ug/L	99

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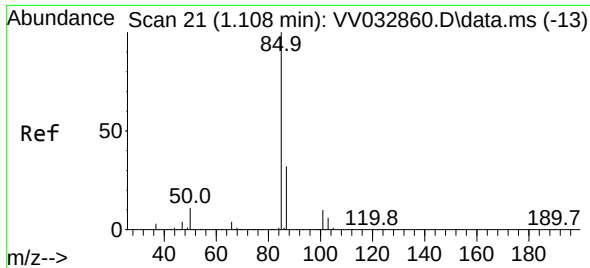
Quant Time: Nov 08 01:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
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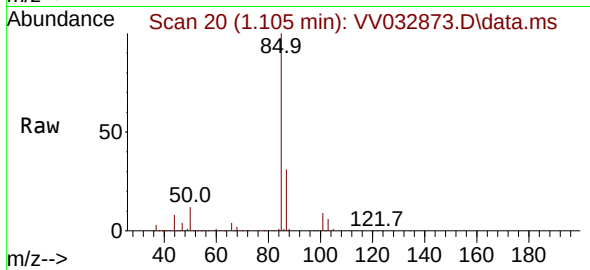
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	177165	48.862	ug/L	96
29) Cyclohexane	4.587	56	136351	41.029	ug/L #	92
30) 1,1,1-Trichloroethane	4.516	97	197876	44.666	ug/L	99
31) Carbon tetrachloride	4.738	117	170752	43.617	ug/L	98
33) Benzene	5.011	78	454048	46.308	ug/L	100
34) Trichloroethene	5.834	95	112729	41.301	ug/L	98
35) Methylcyclohexane	6.053	83	181028m	42.387	ug/L	
37) 1,2-Dichloropropane	6.095	63	111072	42.675	ug/L	99
38) Bromodichloromethane	6.436	83	186535	45.684	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	196665	50.367	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	321792	104.326	ug/L	99
42) Toluene	7.317	91	534584	47.875	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	189395	47.224	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	144257	48.322	ug/L	99
46) Tetrachloroethene	7.908	164	103347	41.964	ug/L	96
48) 2-Hexanone	8.075	43	251072	90.722	ug/L	96
49) Dibromochloromethane	8.181	129	146475	46.931	ug/L	99
50) 1,2-Dibromoethane	8.284	107	149424	49.130	ug/L	99
51) Chlorobenzene	8.818	112	359299	45.452	ug/L	98
52) Ethylbenzene	8.950	91	578957	47.003	ug/L	99
53) m,p-Xylene	9.075	106	224009	47.785	ug/L	99
54) o-Xylene	9.480	106	217304	47.849	ug/L	98
55) Styrene	9.497	104	397067	50.170	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	226914	50.751	ug/L	99
59) Bromoform	9.667	173	109263	46.347	ug/L	99
60) Isopropylbenzene	9.870	105	592114	46.435	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	164522	46.844	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	467568	46.597	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	461048	48.032	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	299038	45.015	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	310532	44.303	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	302460	44.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	42074	46.030	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	204691	42.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	181285	43.710	ug/L	99
71) Naphthalene	13.442	128	514899	49.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	197757	47.757	ug/L	99

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



#2
Dichlorodifluoromethane
Concen: 40.438 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

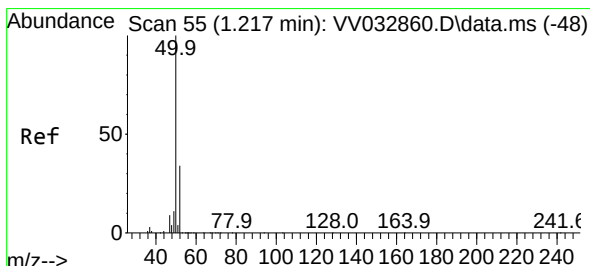
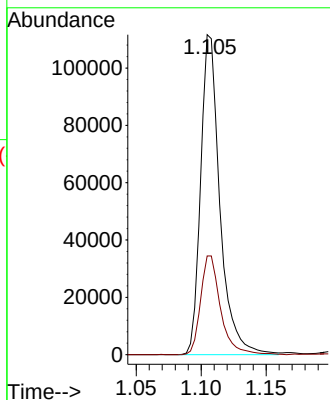
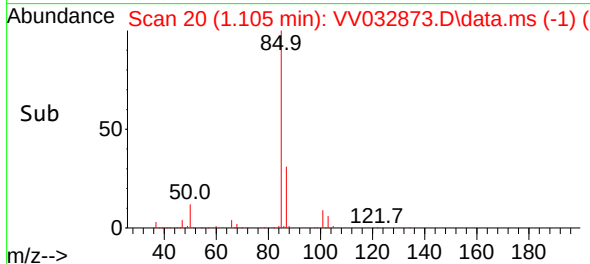
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 85 Resp: 11545
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.4

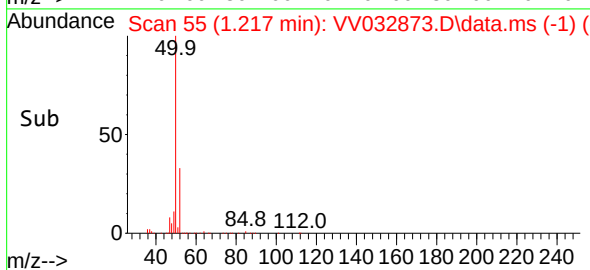
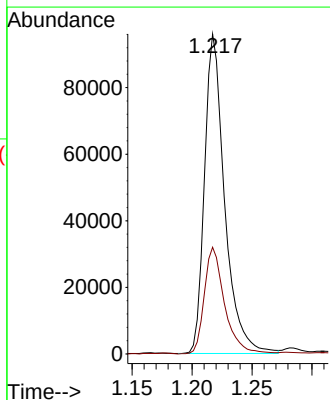
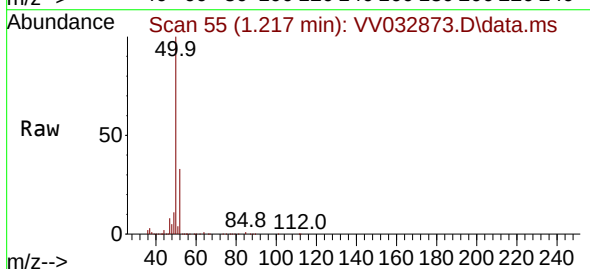
Manual Integrations
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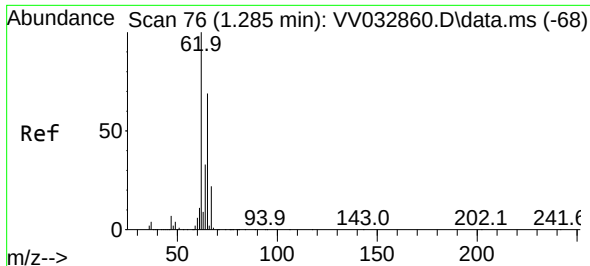
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#3
Chloromethane
Concen: 40.593 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

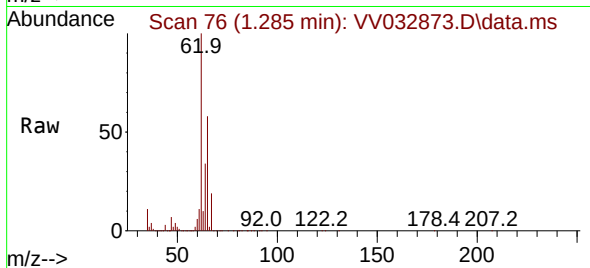
Tgt Ion: 50 Resp: 112124
Ion Ratio Lower Upper
50 100
52 33.3 23.5 43.7





#5
 Vinyl chloride
 Concen: 42.230 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38

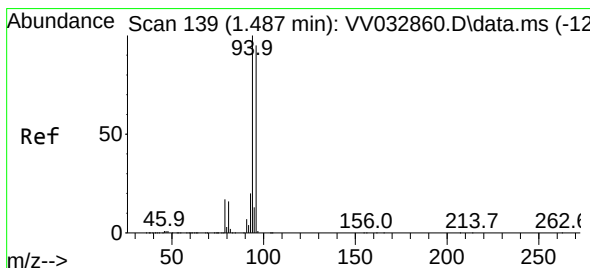
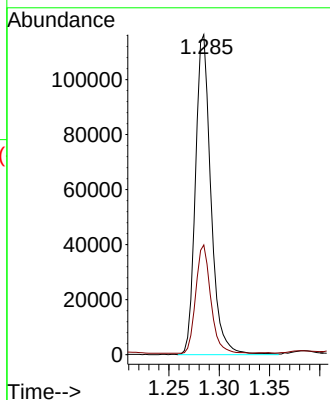
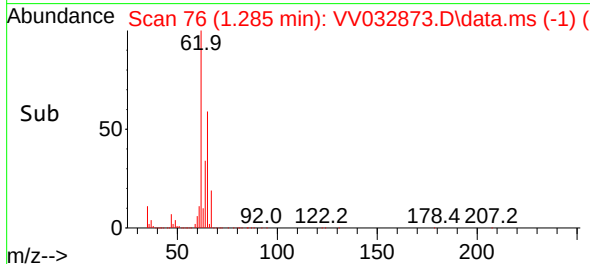
Instrument :
 MSVOA_V
 ClientSampleId :
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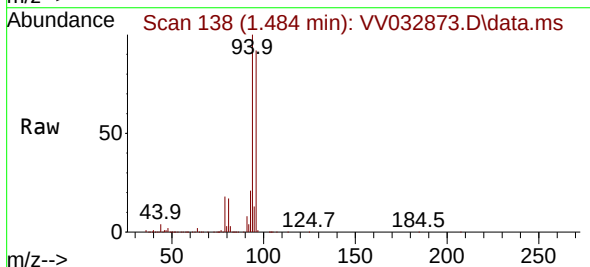
Tgt Ion: 62 Resp: 124379
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.0

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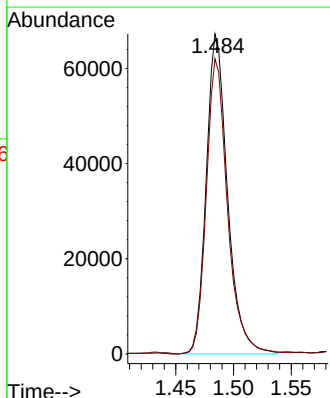
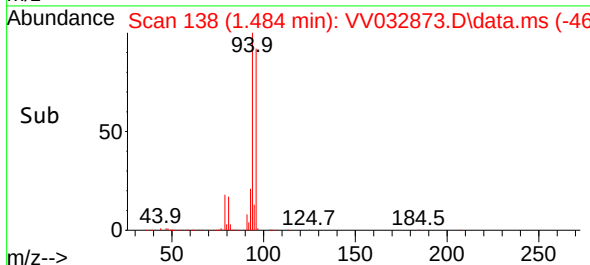
Reviewed By :Mahesh Dadoda 11/08/2023
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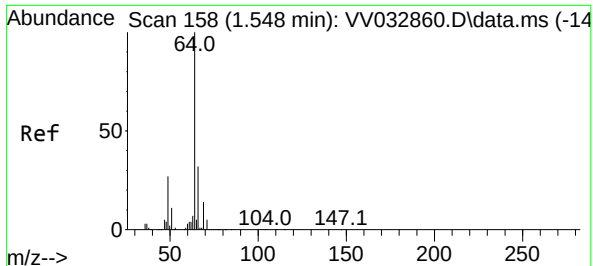


#6
 Bromomethane
 Concen: 42.011 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032873.D
 Acq: 07 Nov 2023 16:38



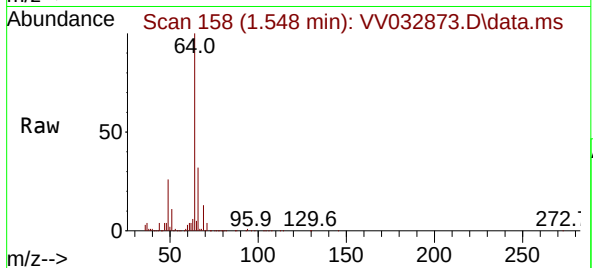
Tgt Ion: 94 Resp: 86336
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.2 119.2





#8
Chloroethane
Concen: 44.078 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

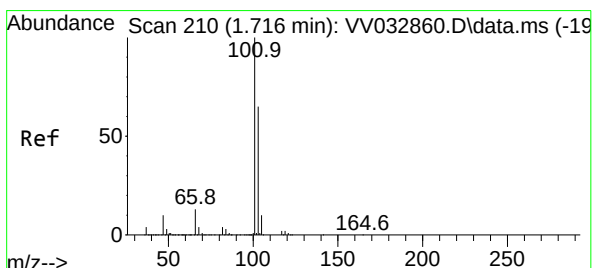
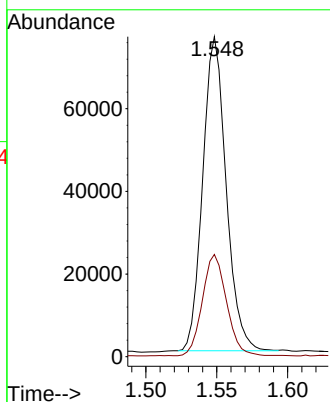
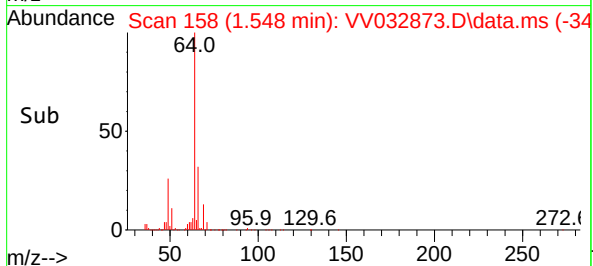
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 64 Resp: 87395
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9

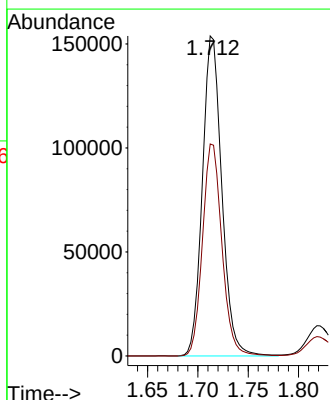
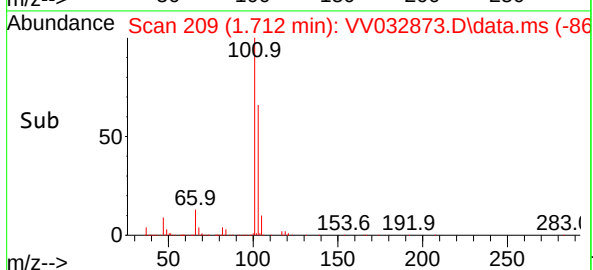
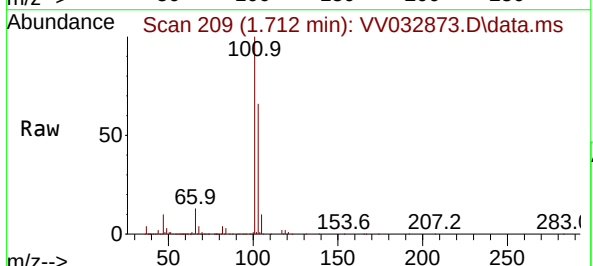
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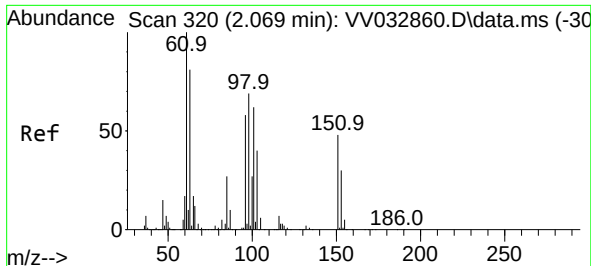
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#9
Trichlorofluoromethane
Concen: 44.165 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:101 Resp: 207296
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5





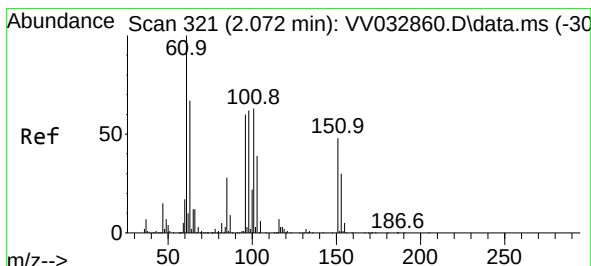
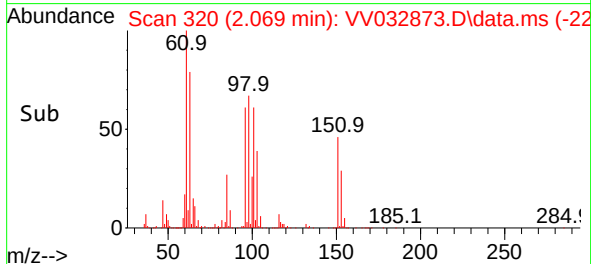
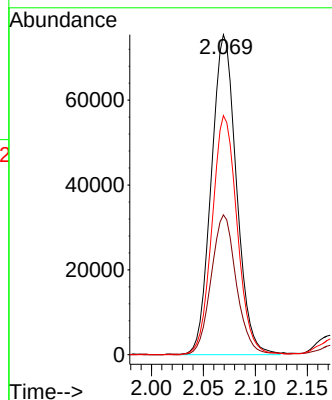
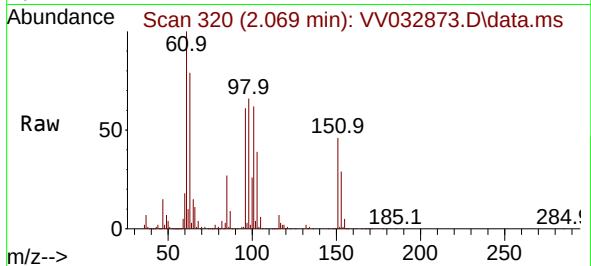
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.738 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument :
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ClientSampleId :
YCG47MS

Tgt Ion:101 Resp: 127054
Ion Ratio Lower Upper
101 100
85 43.1 35.6 53.4
151 74.6 59.9 89.9

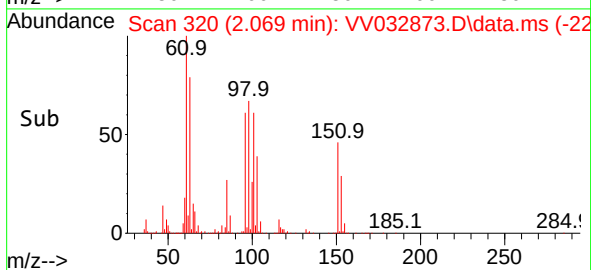
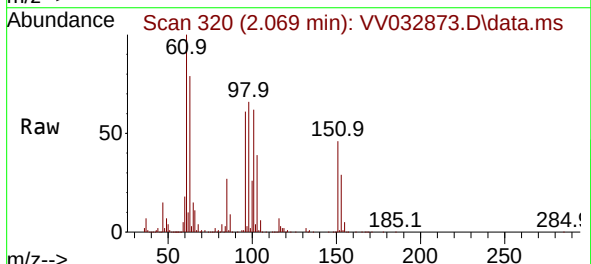
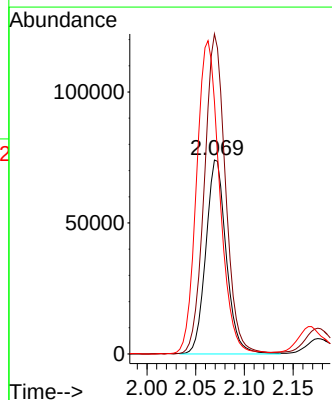
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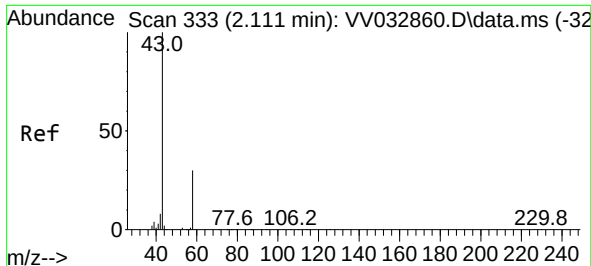
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#12
1,1-Dichloroethene
Concen: 44.326 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 96 Resp: 107573
Ion Ratio Lower Upper
96 100
61 165.0 124.2 230.6
63 130.1 111.8 207.6





#13

Acetone

Concen: 50.322 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion: 43 Resp: 11275

Ion Ratio Lower Upper

43 100

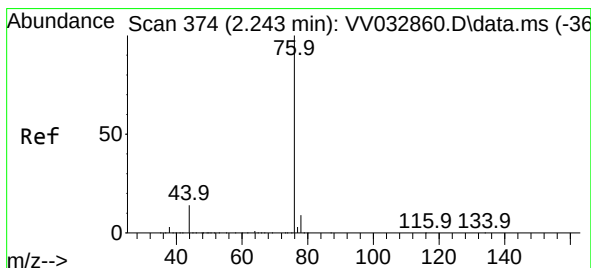
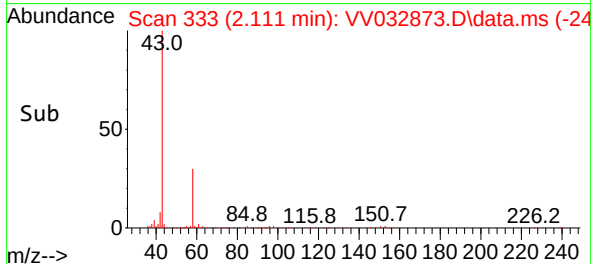
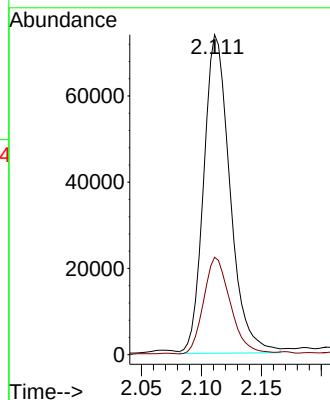
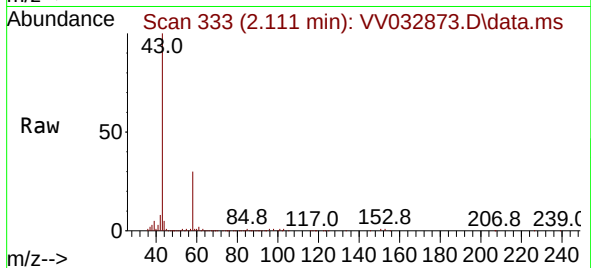
58 30.8 0.0 61.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/08/2023



#14

Carbon disulfide

Concen: 43.444 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV032873.D

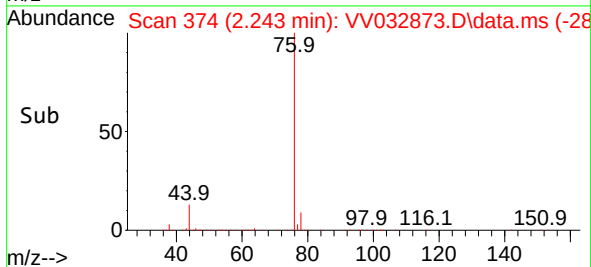
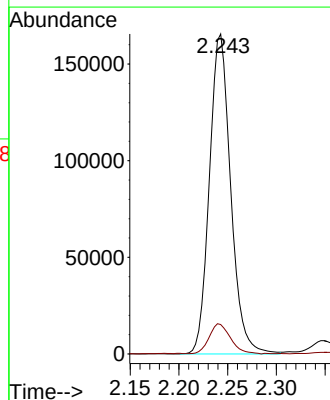
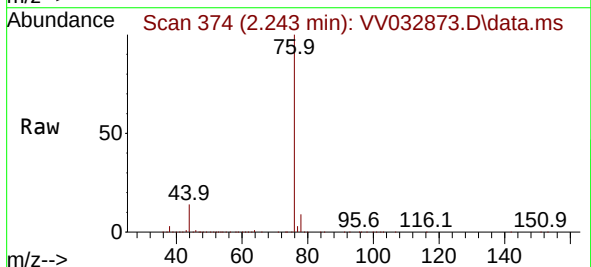
Acq: 07 Nov 2023 16:38

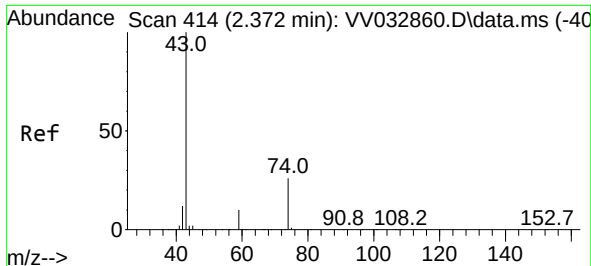
Tgt Ion: 76 Resp: 251683

Ion Ratio Lower Upper

76 100

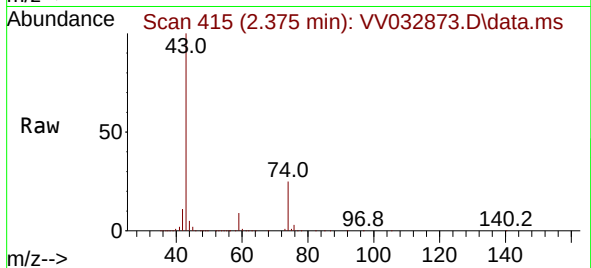
78 9.2 7.6 11.4





#15
Methyl Acetate
Concen: 47.117 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

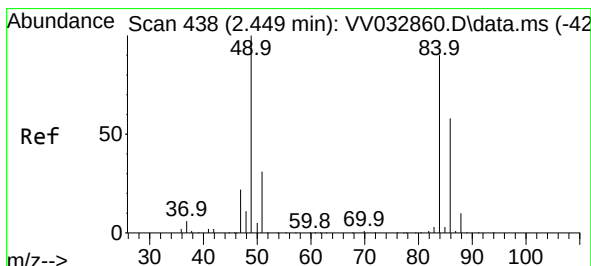
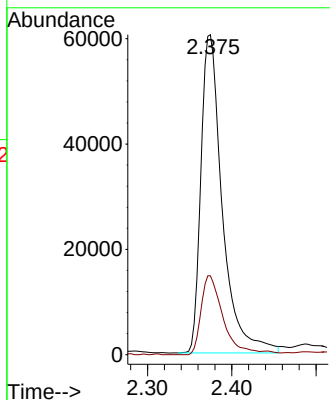
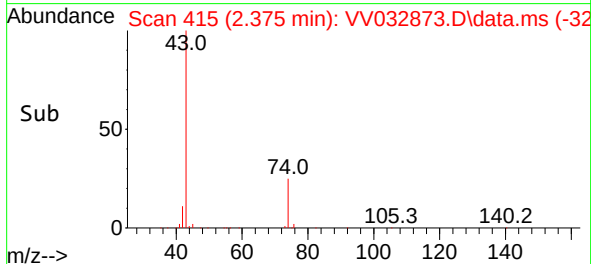
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 43 Resp: 10704
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8

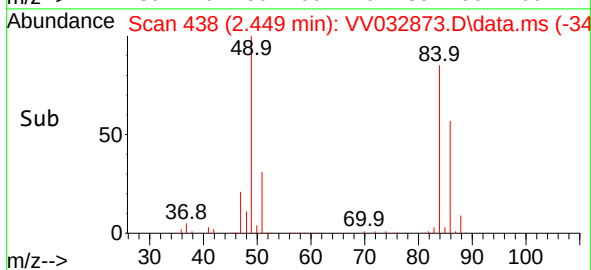
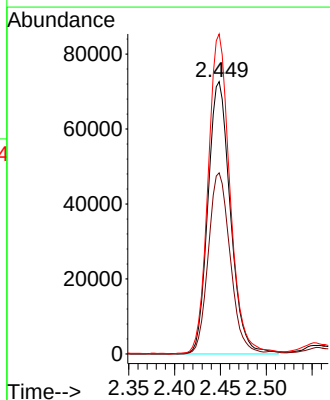
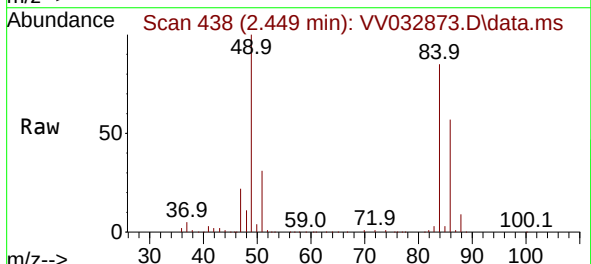
Manual Integrations
APPROVED

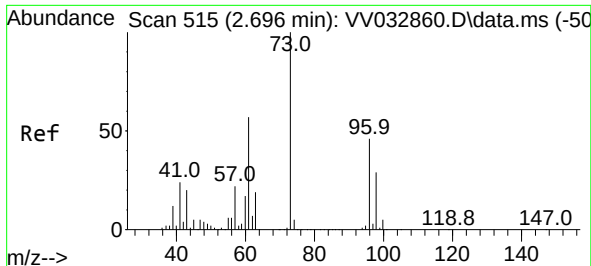
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#16
Methylene chloride
Concen: 38.331 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 84 Resp: 123391
Ion Ratio Lower Upper
84 100
86 66.5 45.0 83.6
49 117.5 81.2 150.8





#17

trans-1,2-Dichloroethene

Concen: 43.318 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion: 96 Resp: 100338

Ion Ratio Lower Upper

96 100

61 129.9 86.9 161.3

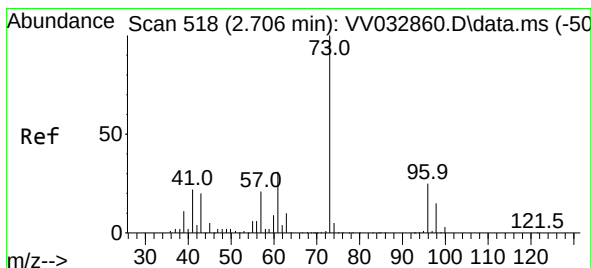
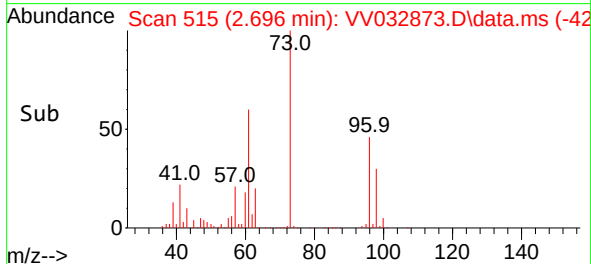
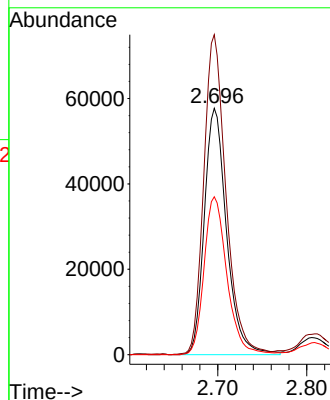
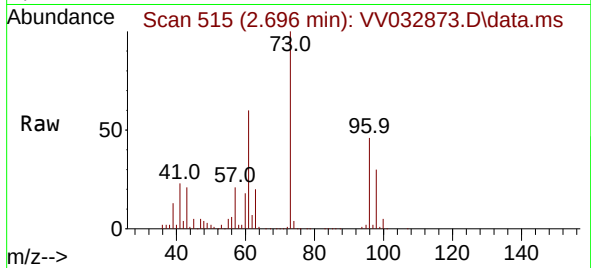
98 64.1 42.9 79.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#18

Methyl tert-butyl Ether

Concen: 49.185 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

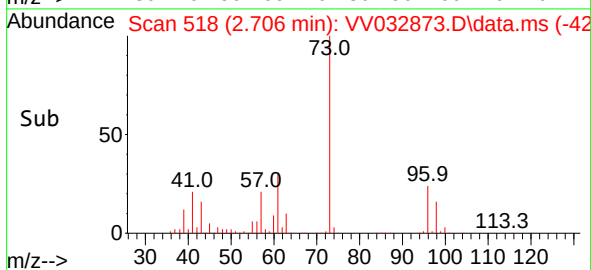
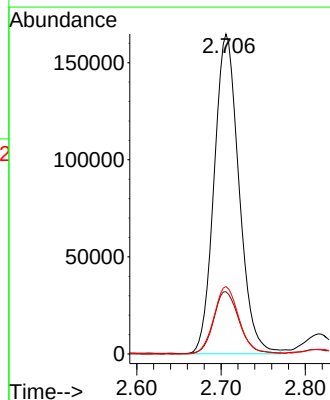
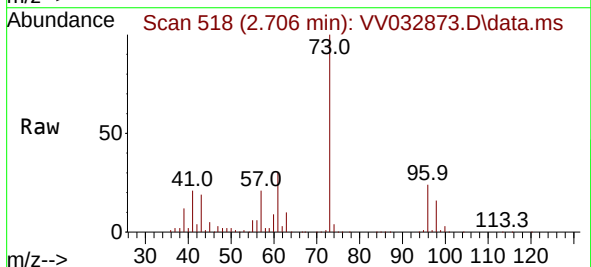
Tgt Ion: 73 Resp: 336456

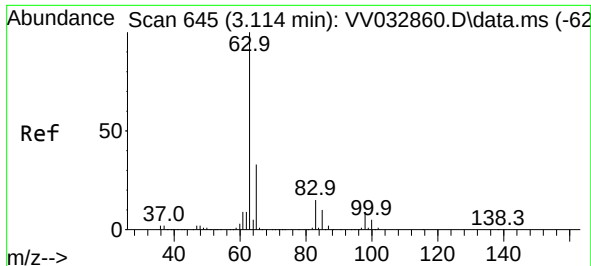
Ion Ratio Lower Upper

73 100

43 19.8 16.1 24.1

57 21.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 45.163 ug/L

RT: 3.114 min Scan# 645

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

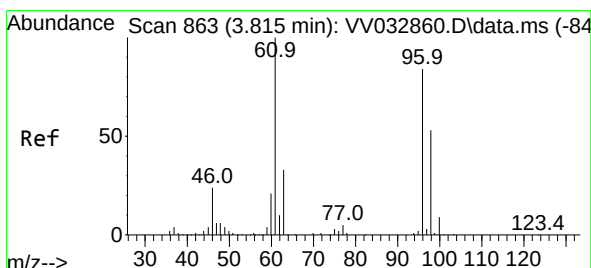
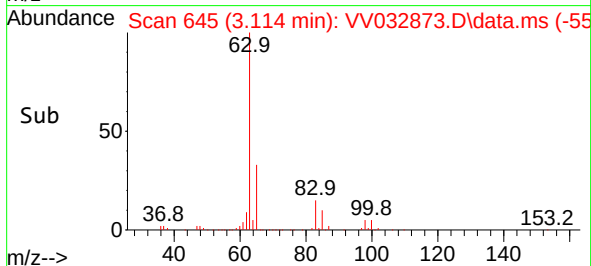
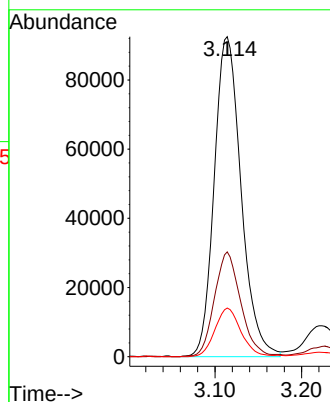
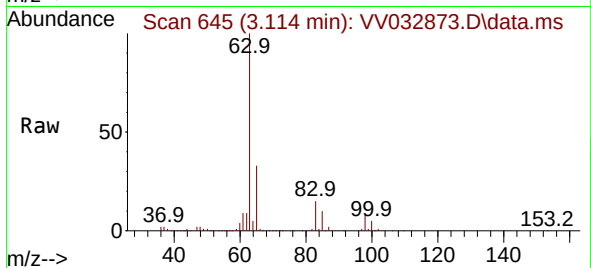
Tgt Ion: 63 Resp: 19936

Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.3	41.5
83	15.2	10.1	18.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#20

cis-1,2-Dichloroethene

Concen: 46.124 ug/L

RT: 3.815 min Scan# 863

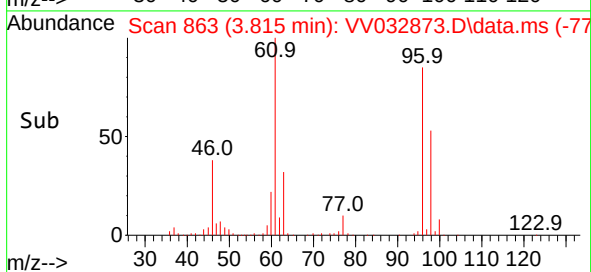
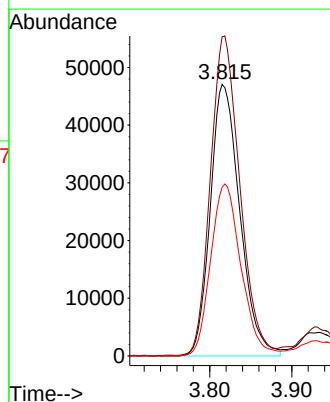
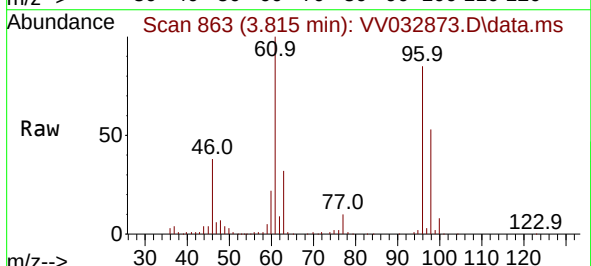
Delta R.T. -0.000 min

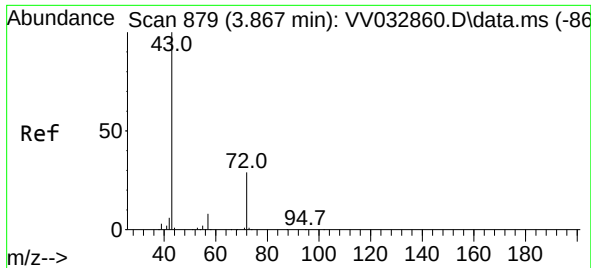
Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Tgt Ion: 96 Resp: 117992

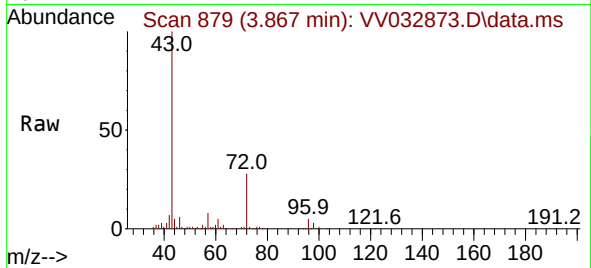
Ion	Ratio	Lower	Upper
96	100		
61	117.5	83.3	154.7
98	62.1	44.2	82.2





#22
2-Butanone
Concen: 74.825 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

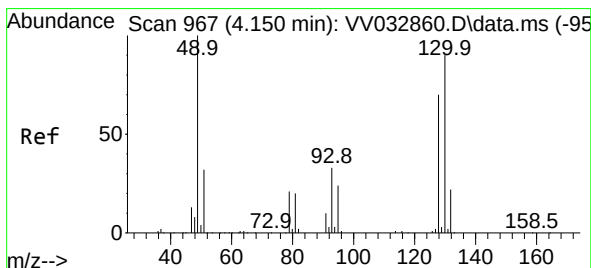
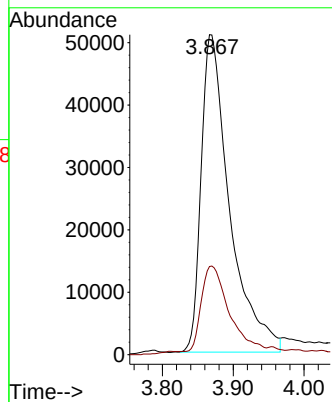
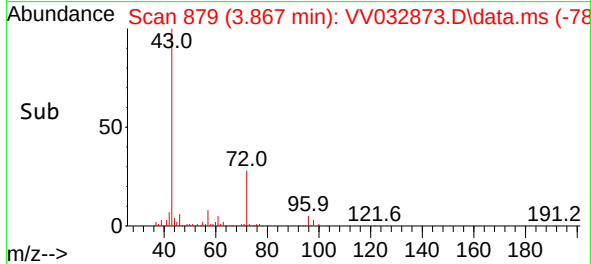
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 43 Resp: 142184
Ion Ratio Lower Upper
43 100
72 26.5 13.5 40.4

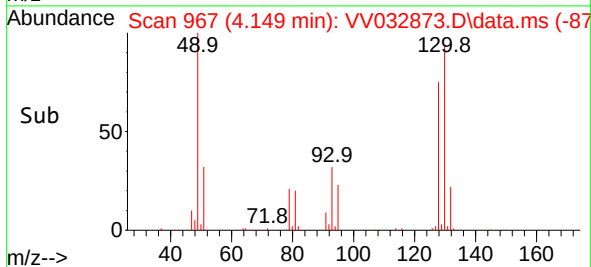
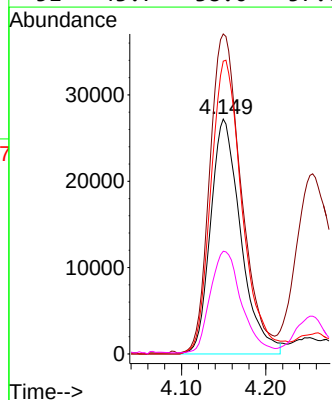
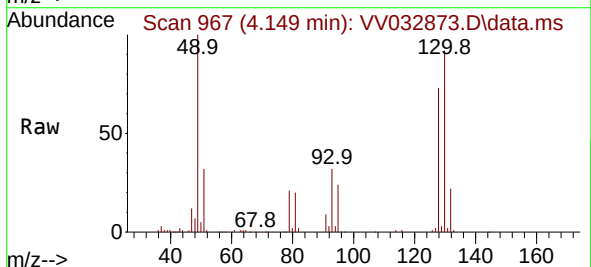
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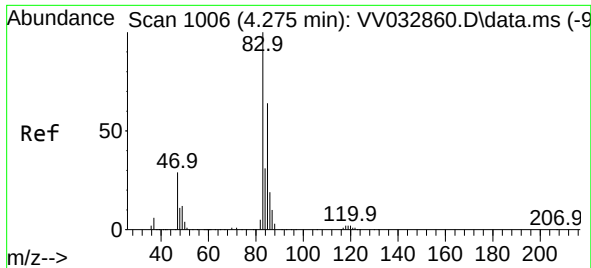
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#23
Bromochloromethane
Concen: 47.404 ug/L
RT: 4.149 min Scan# 967
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:128 Resp: 67684
Ion Ratio Lower Upper
128 100
49 136.2 101.0 187.6
130 124.7 88.5 164.4
51 43.7 38.0 57.0





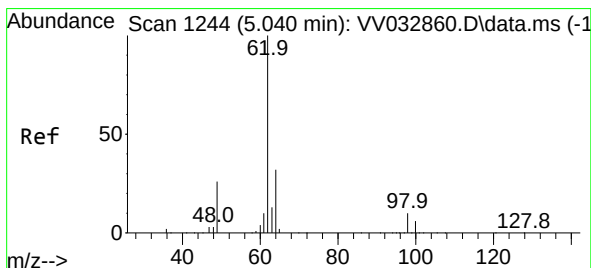
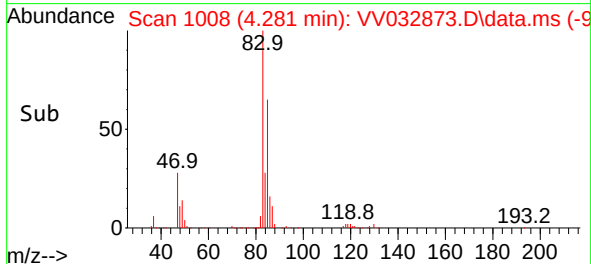
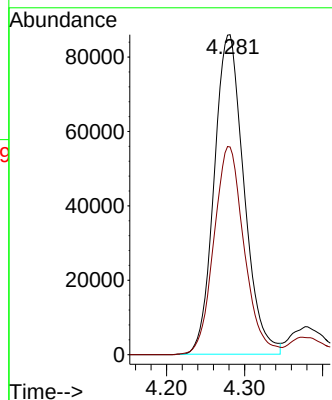
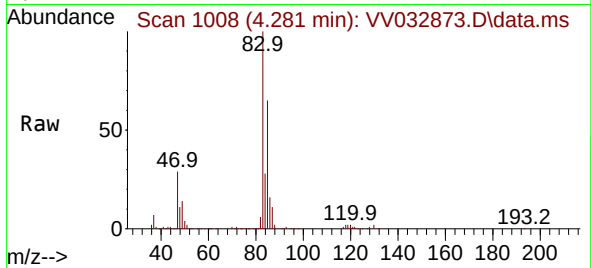
#25
Chloroform
Concen: 45.419 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument :
MSVOA_V
ClientSampleId :
YCG47MS

Tgt Ion: 83 Resp: 228510
Ion Ratio Lower Upper
83 100
85 64.9 46.2 85.8

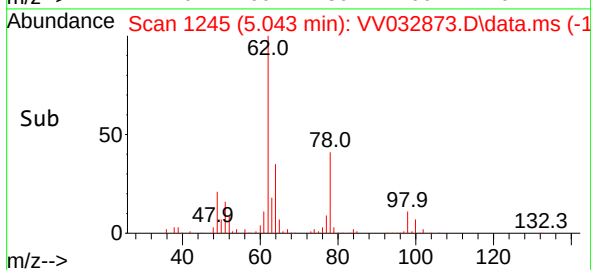
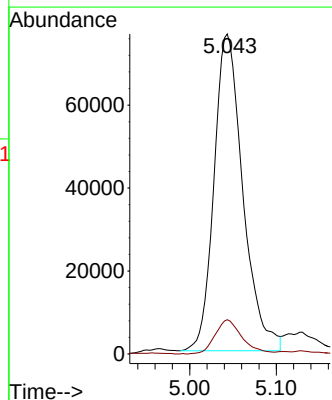
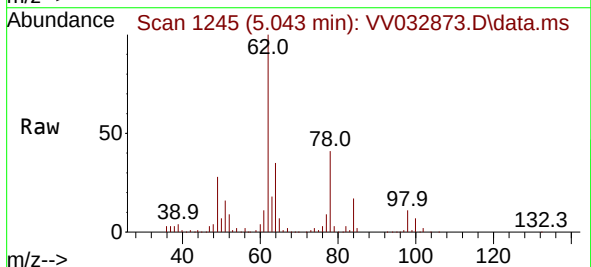
Manual Integrations
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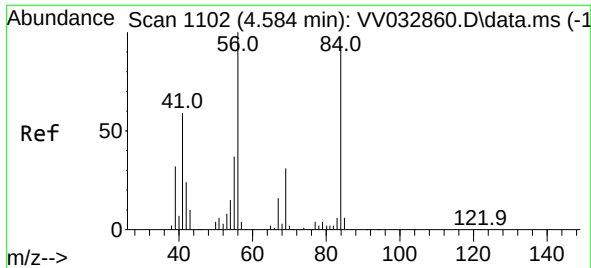
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#27
1,2-Dichloroethane
Concen: 48.862 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

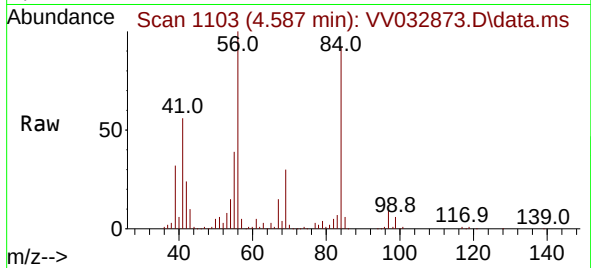
Tgt Ion: 62 Resp: 177165
Ion Ratio Lower Upper
62 100
98 10.7 7.5 11.3





#29
Cyclohexane
Concen: 41.029 ug/L
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

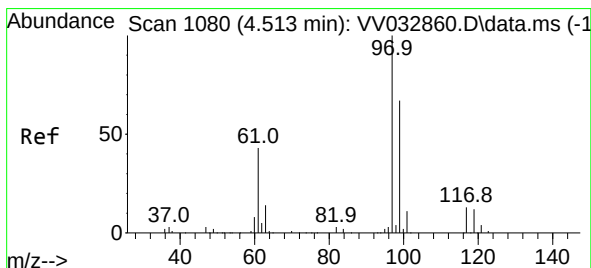
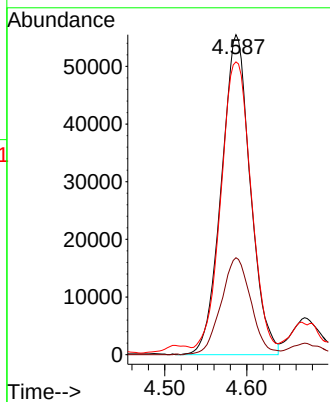
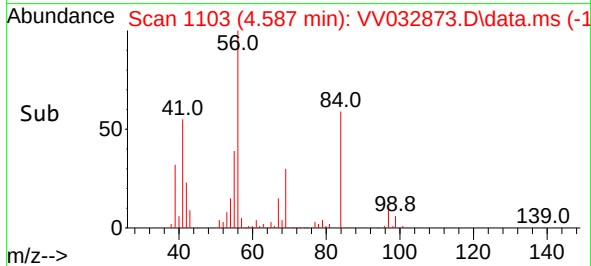
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 56 Resp: 13635
Ion Ratio Lower Upper
56 100
69 31.1 13.4 20.0
84 91.0 75.3 112.9

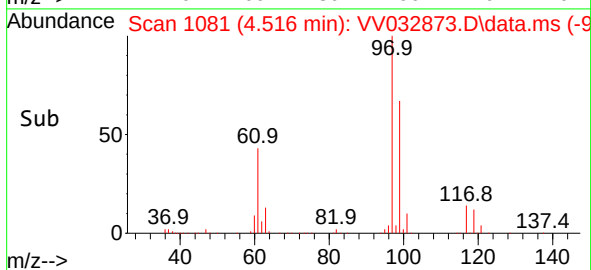
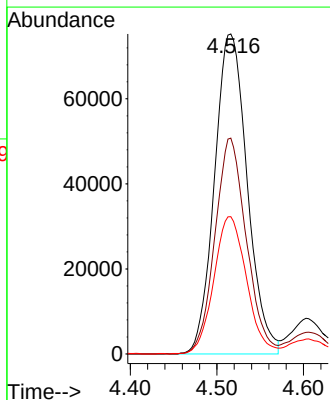
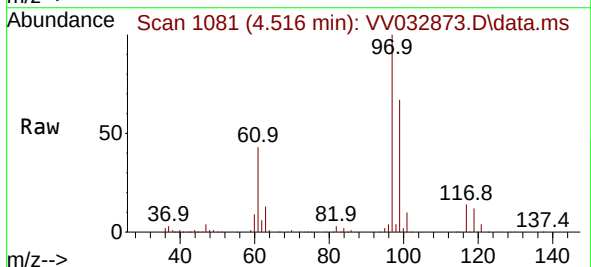
Manual Integrations
APPROVED

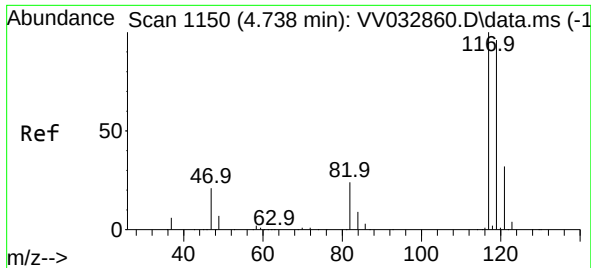
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#30
1,1,1-Trichloroethane
Concen: 44.666 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

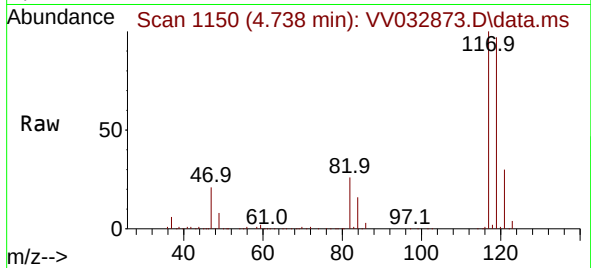
Tgt Ion: 97 Resp: 197876
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 42.5 34.8 52.2





#31
Carbon tetrachloride
Concen: 43.617 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

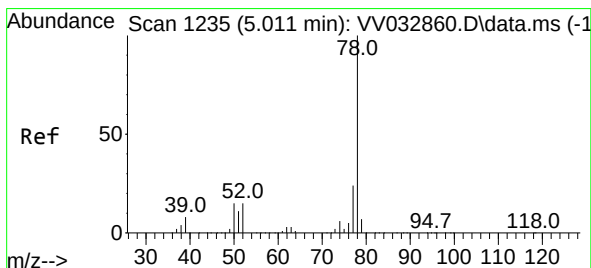
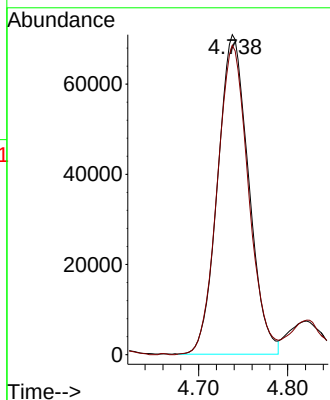
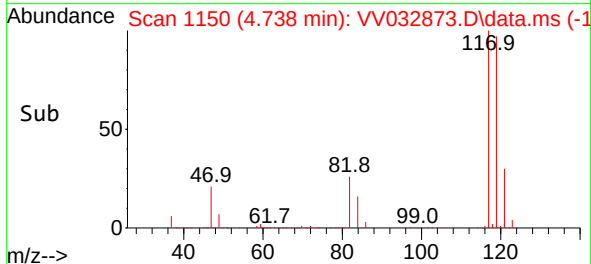
Instrument : MSVOA_V
ClientSampleId : YCG47MS



Tgt Ion:117 Resp: 170752
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0

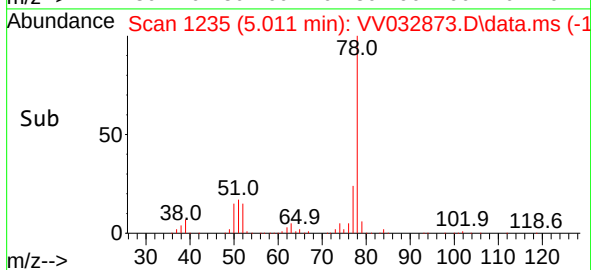
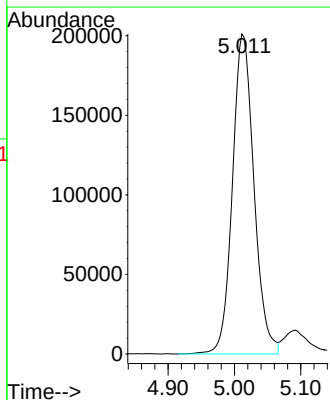
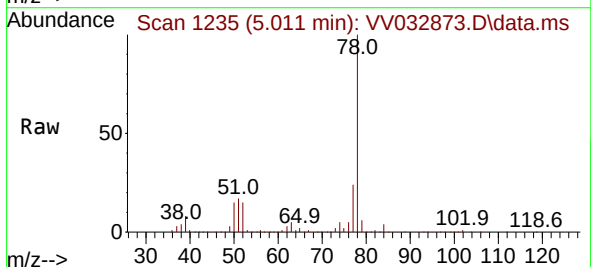
Manual Integrations
APPROVED

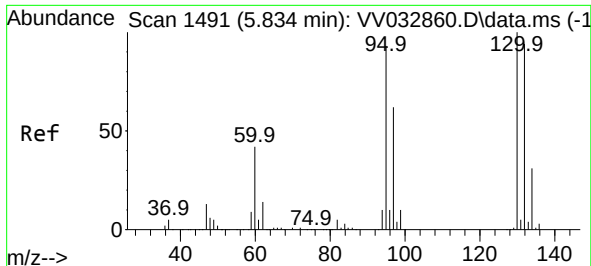
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#33
Benzene
Concen: 46.308 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

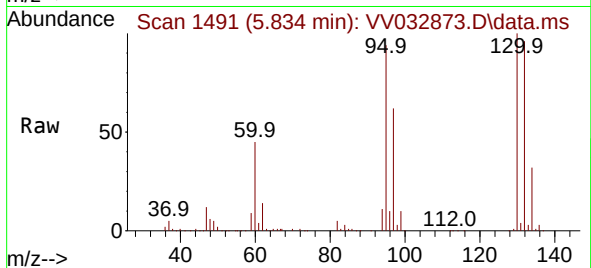
Tgt Ion: 78 Resp: 454048





#34
Trichloroethene
Concen: 41.301 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

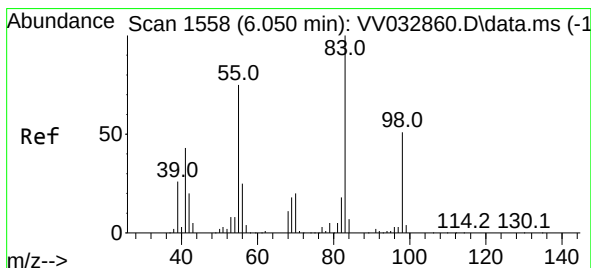
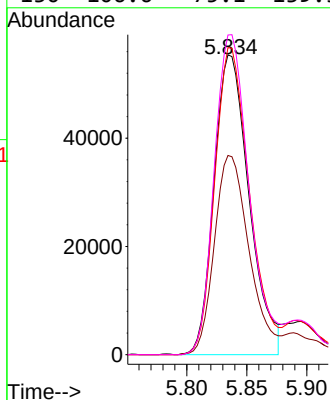
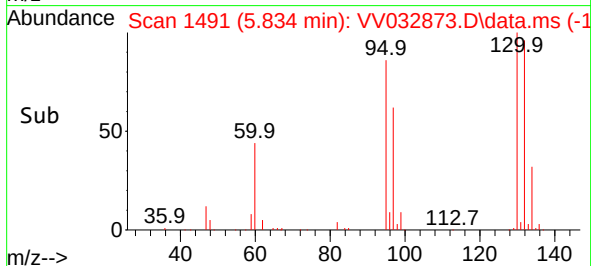
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



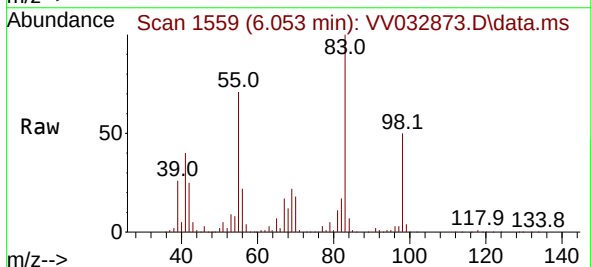
Tgt Ion: 95 Resp: 112729
Ion Ratio Lower Upper
95 100
97 66.4 46.3 85.9
132 102.4 69.0 128.2
130 106.6 75.1 139.5

Manual Integrations
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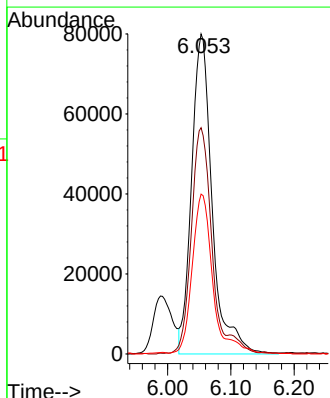
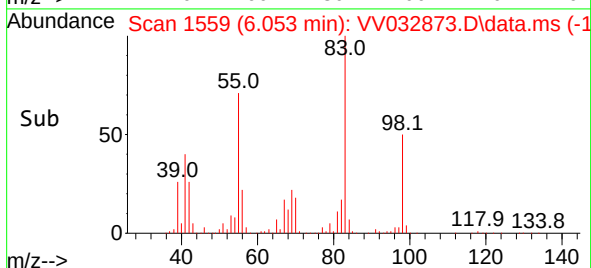
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023

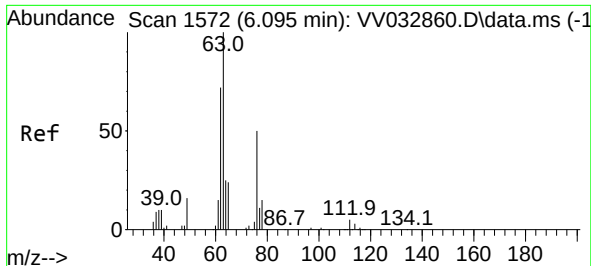


#35
Methylcyclohexane
Concen: 42.387 ug/L m
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



Tgt Ion: 83 Resp: 181028
Ion Ratio Lower Upper
83 100
55 0.1 57.8 86.8#
98 0.0 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 42.675 ug/L

RT: 6.095 min Scan# 111072

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion: 63 Resp: 111072

Ion Ratio Lower Upper

63 100

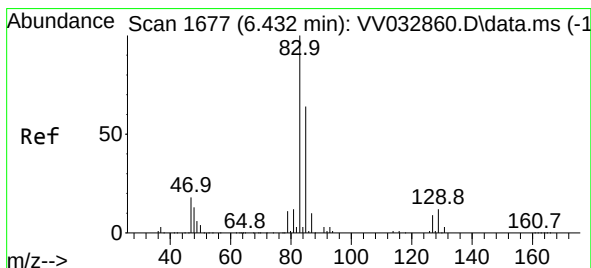
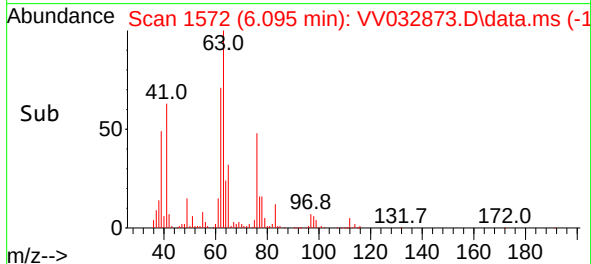
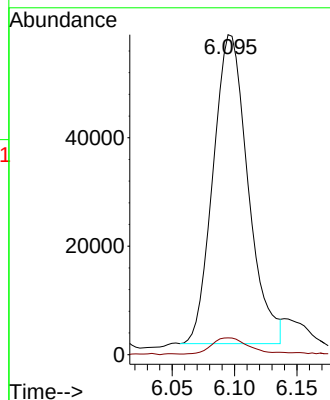
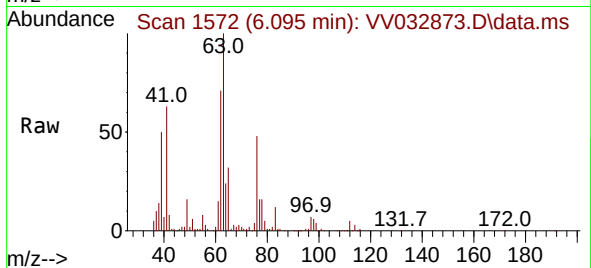
112 5.4 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#38

Bromodichloromethane

Concen: 45.684 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

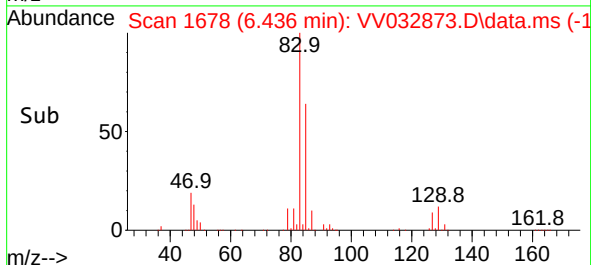
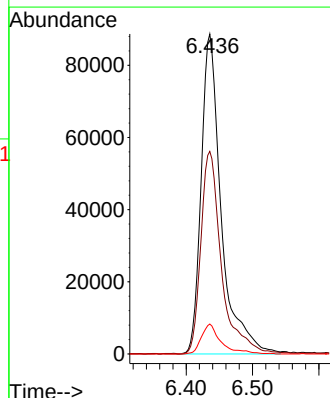
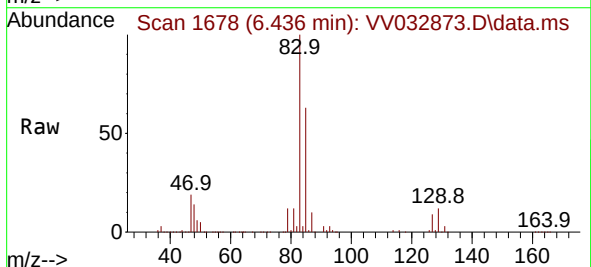
Tgt Ion: 83 Resp: 186535

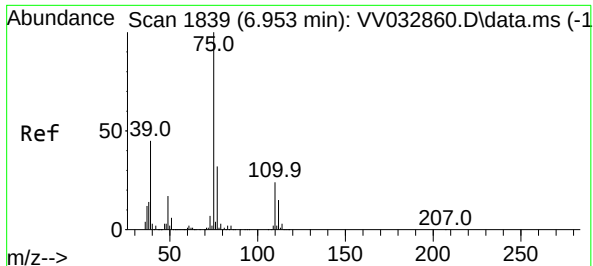
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9

127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 50.367 ug/L

RT: 6.956 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion: 75 Resp: 19666

Ion Ratio Lower Upper

75 100

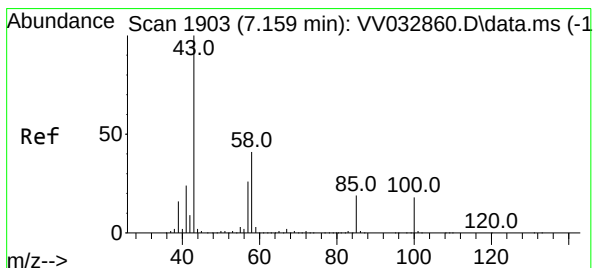
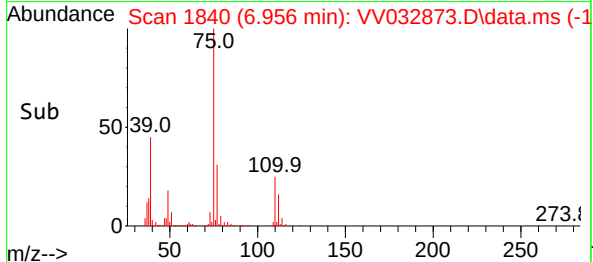
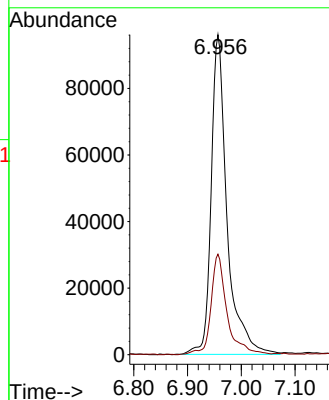
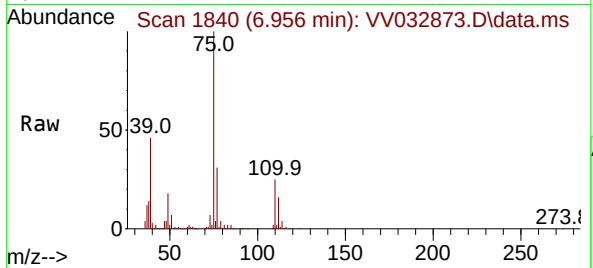
77 31.4 23.0 42.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#40

4-Methyl-2-pentanone

Concen: 104.326 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

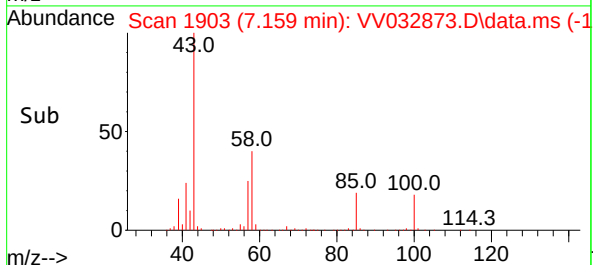
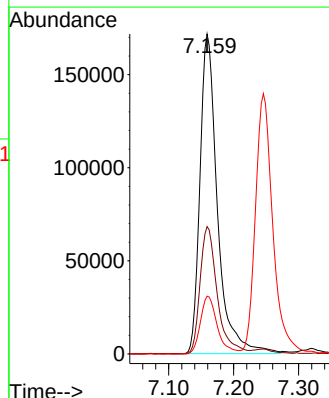
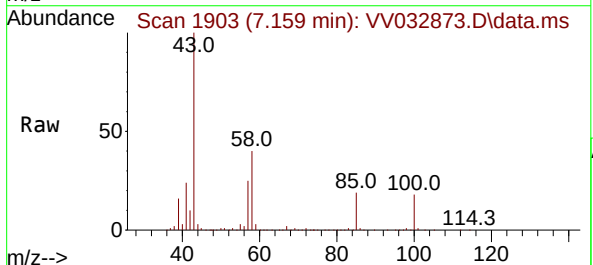
Tgt Ion: 43 Resp: 321792

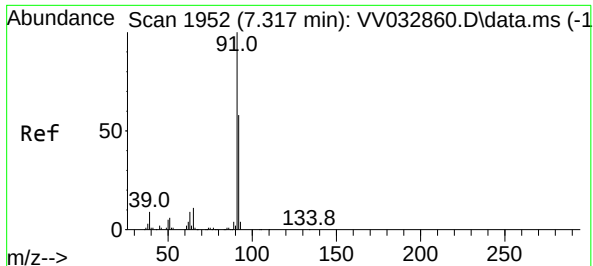
Ion Ratio Lower Upper

43 100

58 39.0 31.4 47.0

100 17.5 13.3 19.9





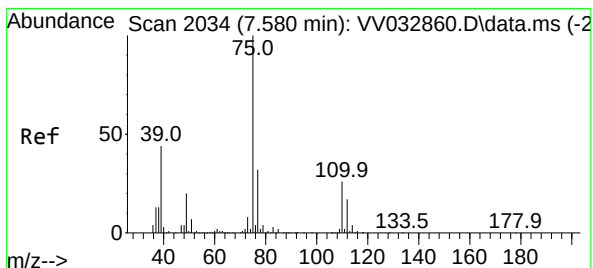
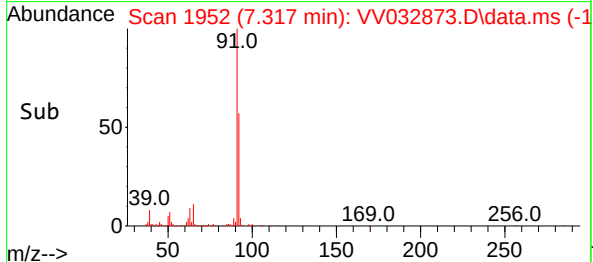
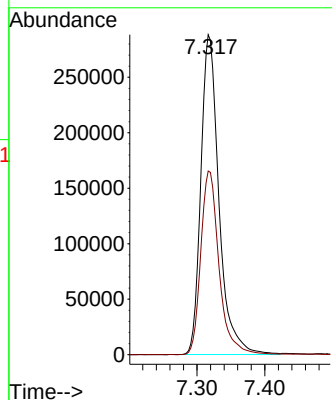
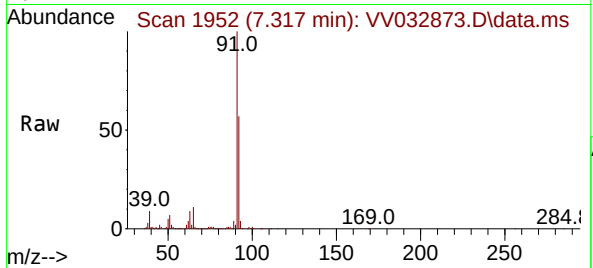
#42
Toluene
Concen: 47.875 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument :
MSVOA_V
ClientSampleId :
YCG47MS

Tgt Ion: 91 Resp: 534584
Ion Ratio Lower Upper
91 100
92 57.4 40.0 74.2

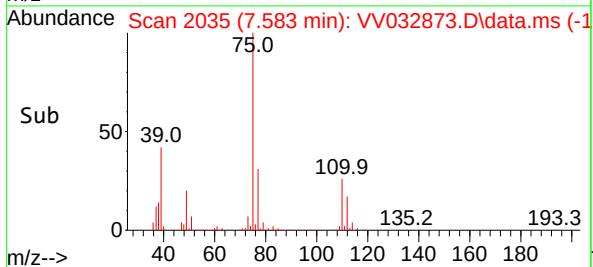
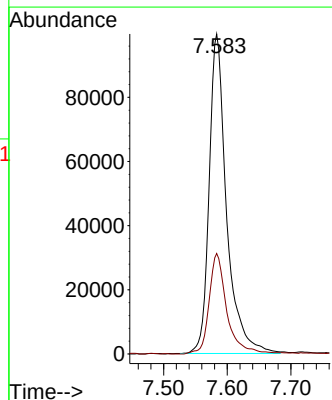
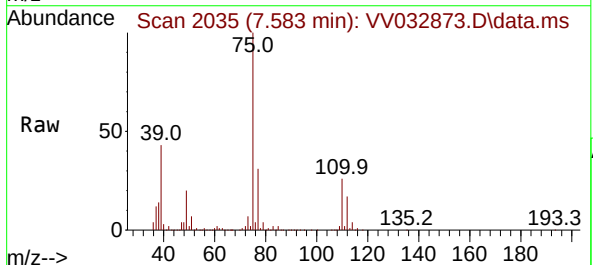
Manual Integrations
APPROVED

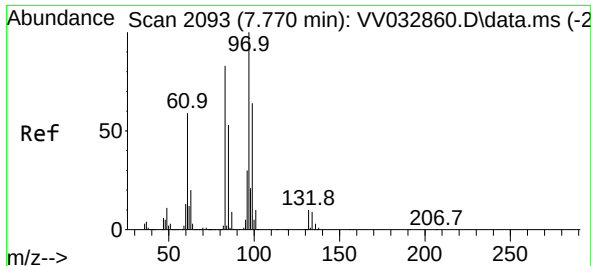
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#44
trans-1,3-Dichloropropene
Concen: 47.224 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion: 75 Resp: 189395
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.322 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion: 97 Resp: 14425

Ion Ratio Lower Upper

97 100

99 62.1 42.8 79.6

83 84.2 58.4 108.4

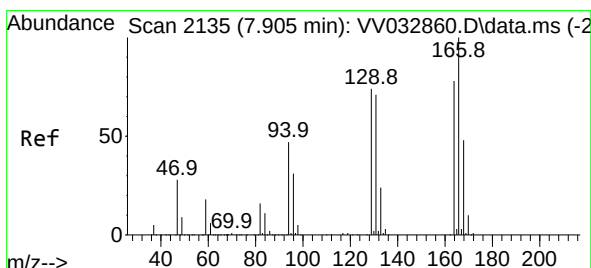
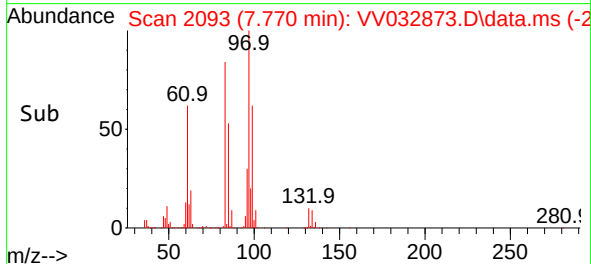
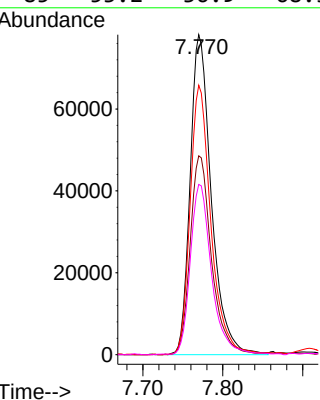
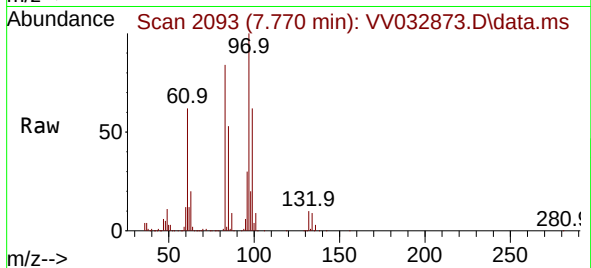
85 53.2 36.9 68.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#46

Tetrachloroethene

Concen: 41.964 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Tgt Ion:164 Resp: 103347

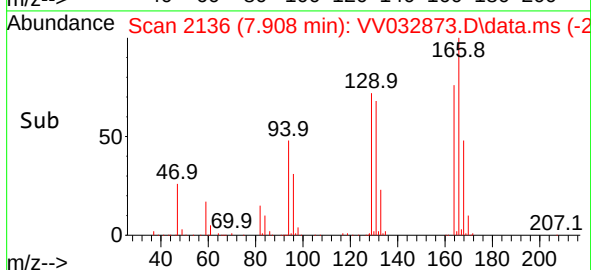
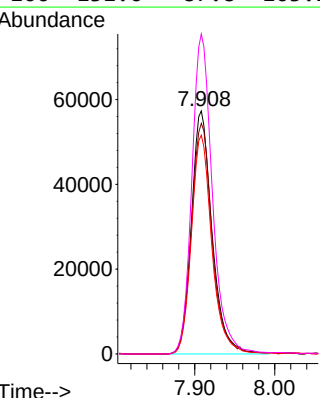
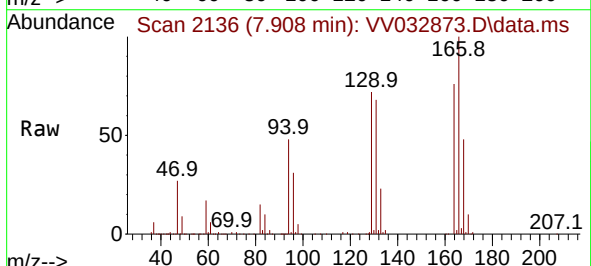
Ion Ratio Lower Upper

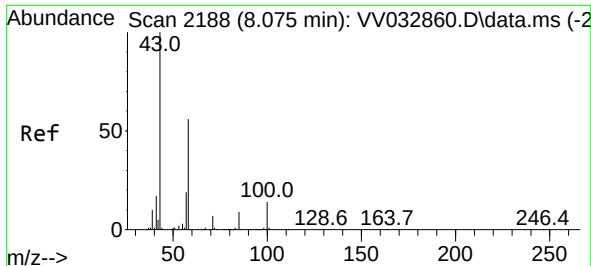
164 100

129 94.9 65.3 121.3

131 90.0 65.0 120.8

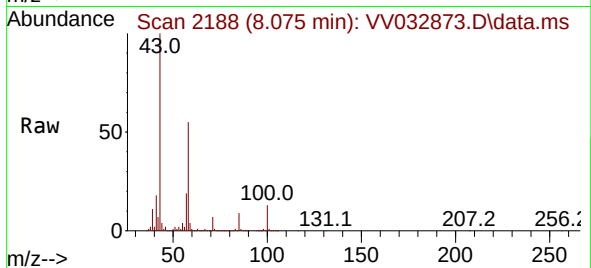
166 131.6 87.8 163.2





#48
2-Hexanone
Concen: 90.722 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

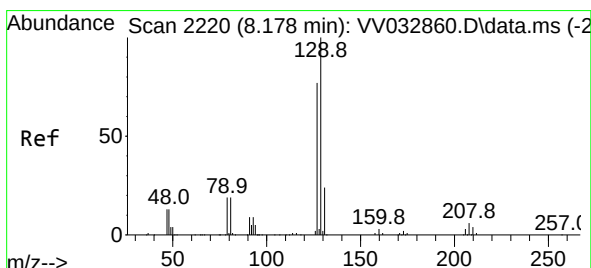
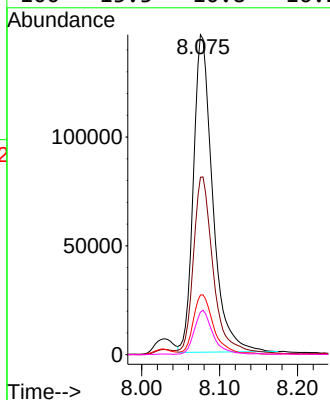
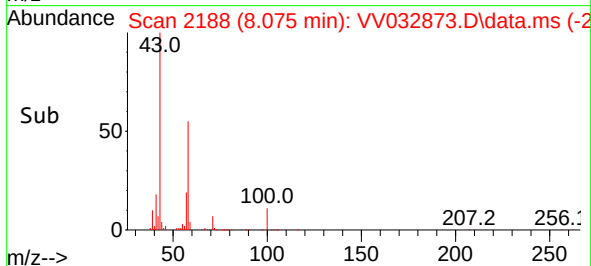
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



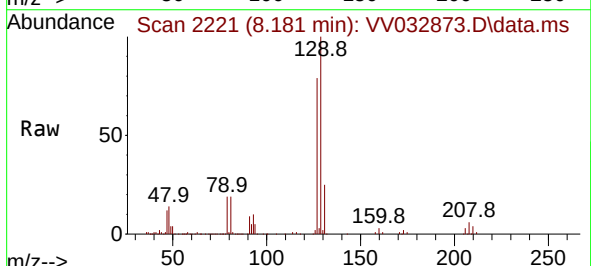
Tgt Ion: 43 Resp: 251072
Ion Ratio Lower Upper
43 100
58 57.6 43.3 64.9
57 18.4 15.5 23.3
100 13.3 10.8 16.2

Manual Integrations
APPROVED

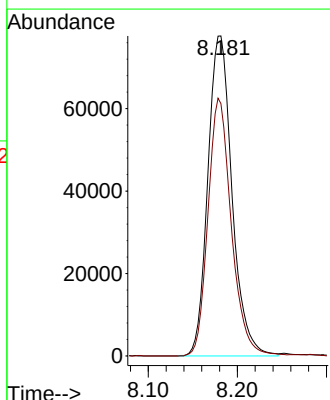
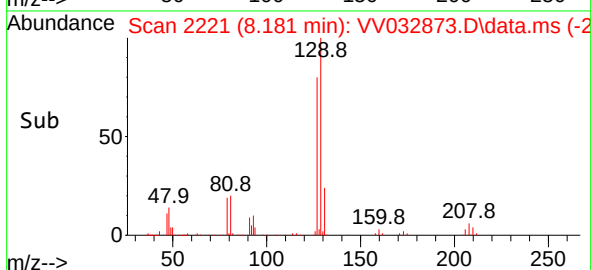
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023

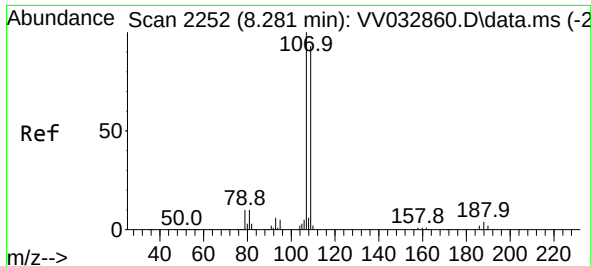


#49
Dibromochloromethane
Concen: 46.931 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



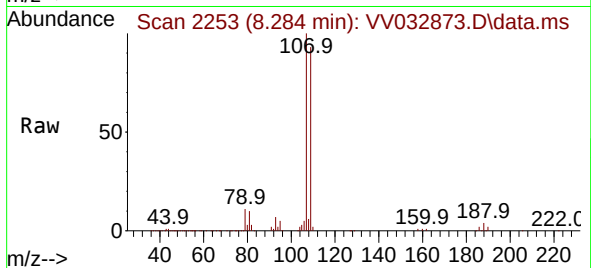
Tgt Ion:129 Resp: 146475
Ion Ratio Lower Upper
129 100
127 78.9 54.7 101.5





#50
1,2-Dibromoethane
Concen: 49.130 ug/L
RT: 8.284 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

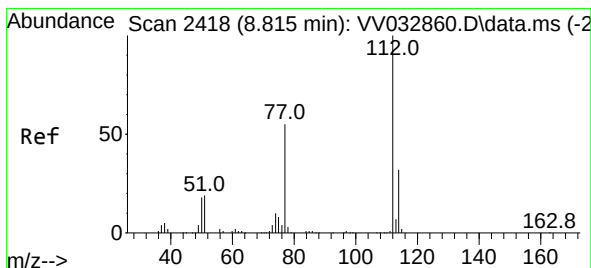
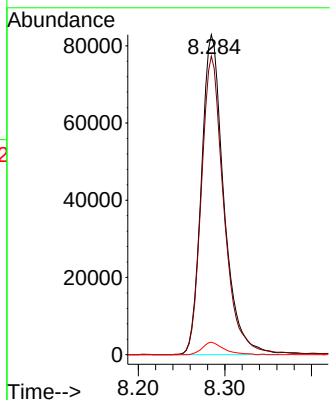
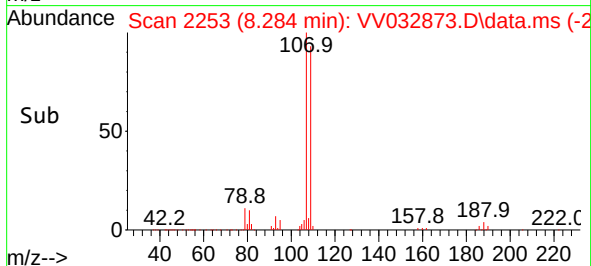
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion:107 Resp: 149424
Ion Ratio Lower Upper
107 100
109 93.3 66.4 123.2
188 3.9 3.0 4.6

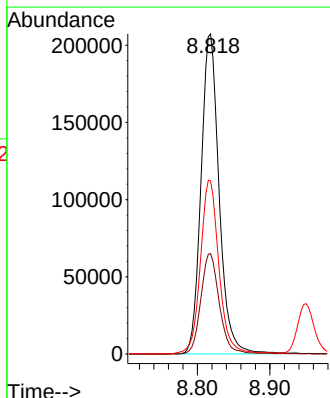
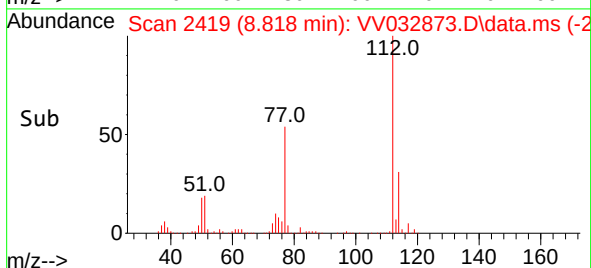
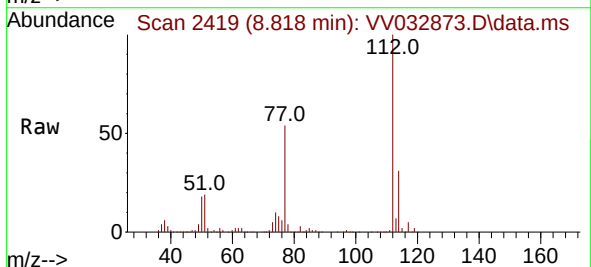
Manual Integrations
APPROVED

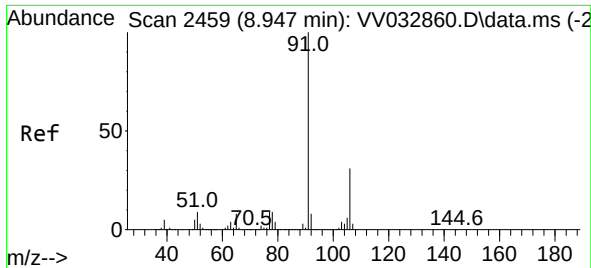
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#51
Chlorobenzene
Concen: 45.452 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:112 Resp: 359299
Ion Ratio Lower Upper
112 100
114 31.4 21.6 40.2
77 54.1 44.4 66.6





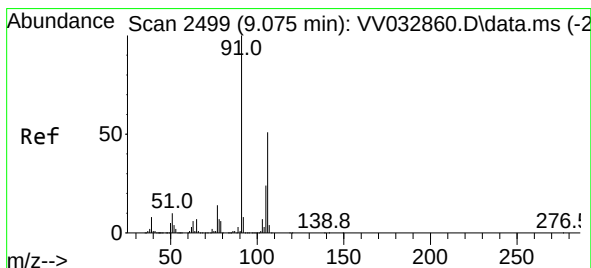
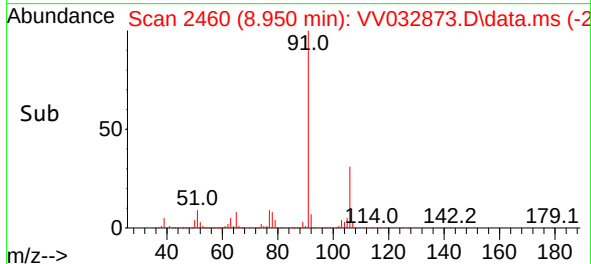
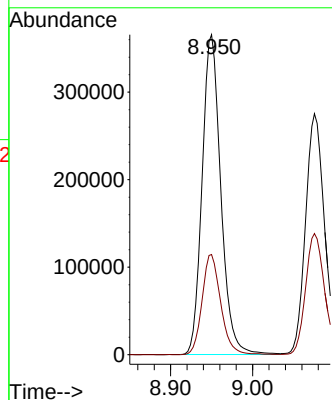
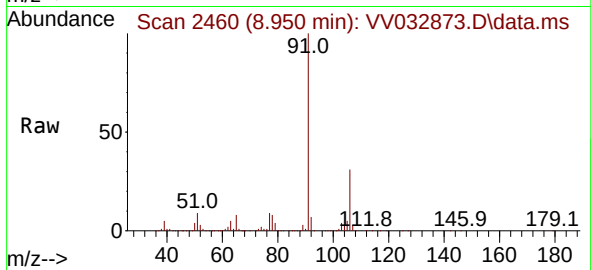
#52
Ethylbenzene
Concen: 47.003 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument :
MSVOA_V
ClientSampleId :
YCG47MS

Tgt Ion: 91 Resp: 57895
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3

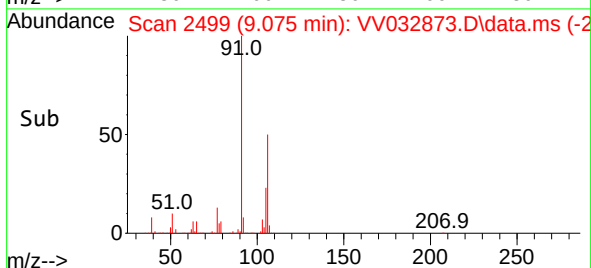
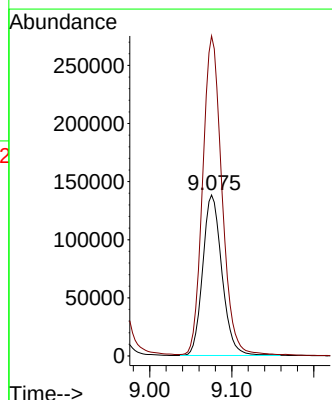
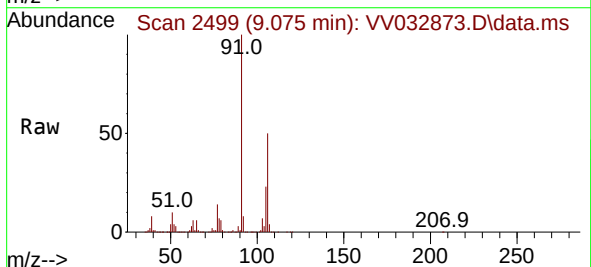
Manual Integrations
APPROVED

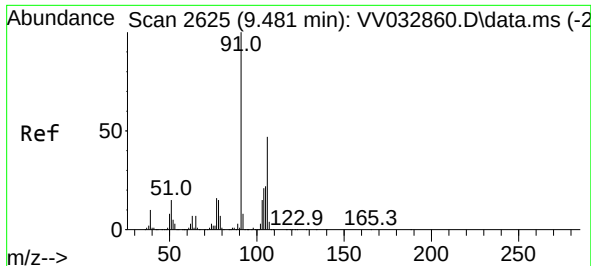
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#53
m,p-Xylene
Concen: 47.785 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Tgt Ion:106 Resp: 224009
Ion Ratio Lower Upper
106 100
91 198.8 139.7 259.5





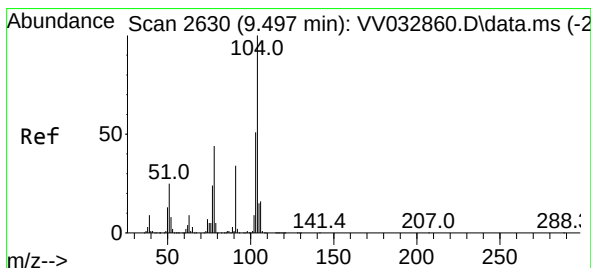
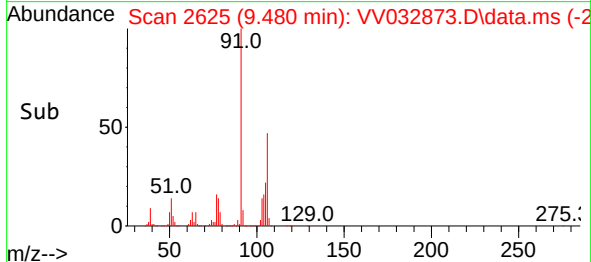
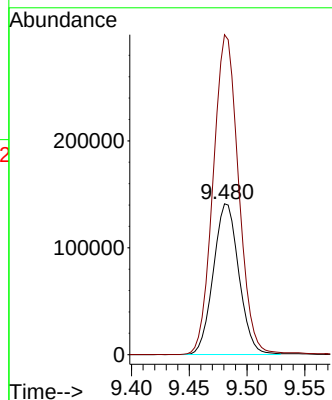
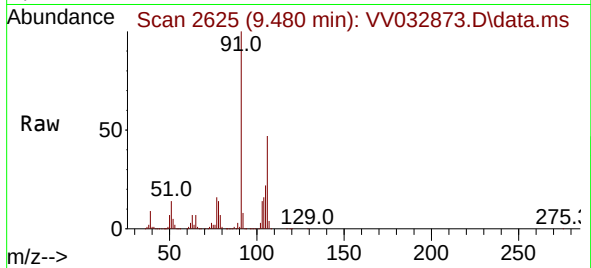
#54
o-Xylene
Concen: 47.849 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

Instrument : MSVOA_V
ClientSampleId : YCG47MS

Tgt Ion:106 Resp: 217304
Ion Ratio Lower Upper
106 100
91 212.1 151.0 280.4

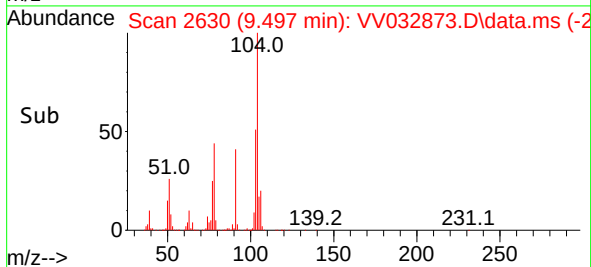
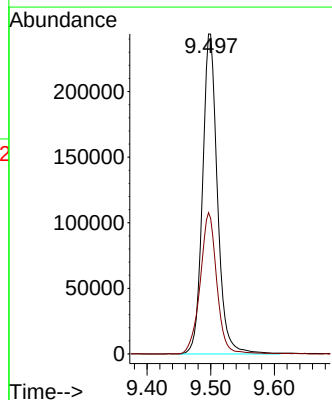
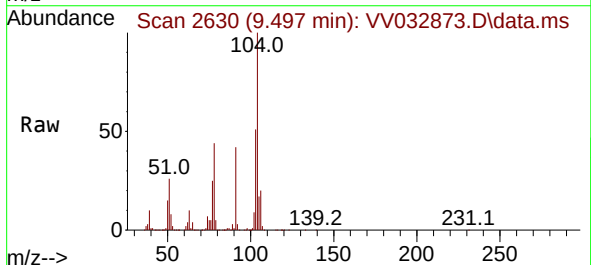
Manual Integrations
APPROVED

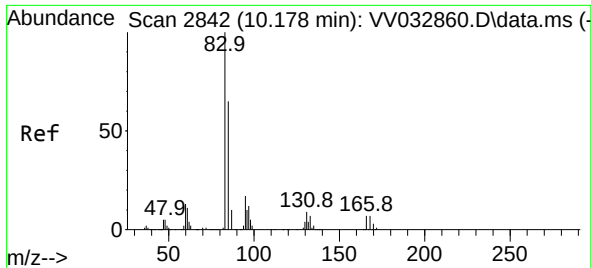
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#55
Styrene
Concen: 50.170 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

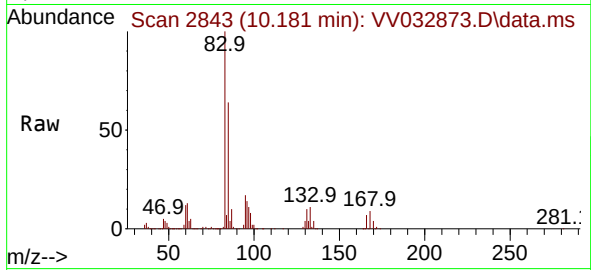
Tgt Ion:104 Resp: 397067
Ion Ratio Lower Upper
104 100
78 44.2 30.1 55.9





#57
1,1,2,2-Tetrachloroethane
Concen: 50.751 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

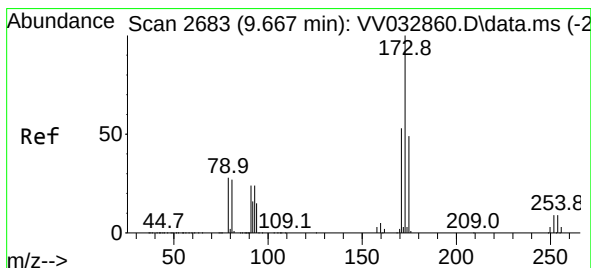
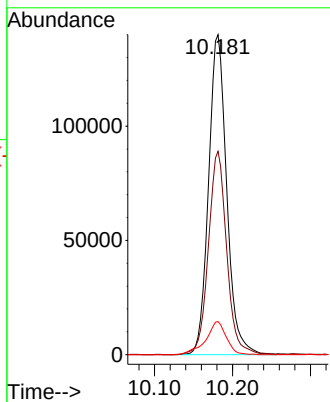
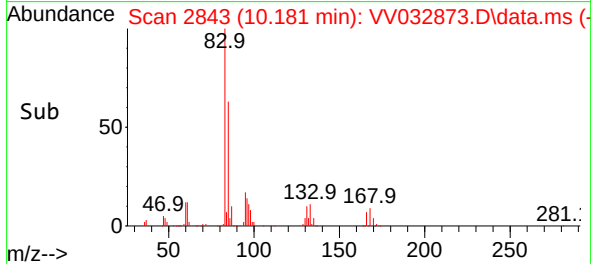
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



Tgt Ion: 83 Resp: 226914
Ion Ratio Lower Upper
83 100
85 63.5 44.9 83.3
131 10.4 7.8 11.6

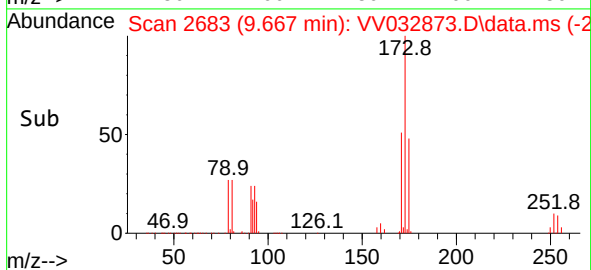
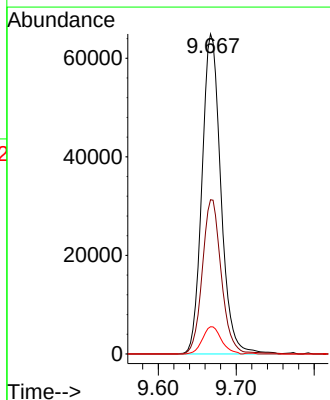
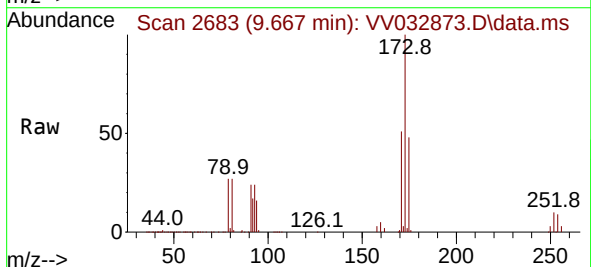
Manual Integrations
APPROVED

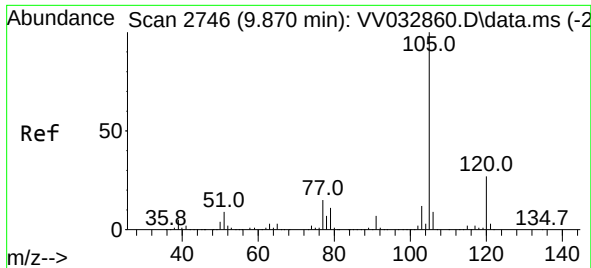
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#59
Bromoform
Concen: 46.347 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

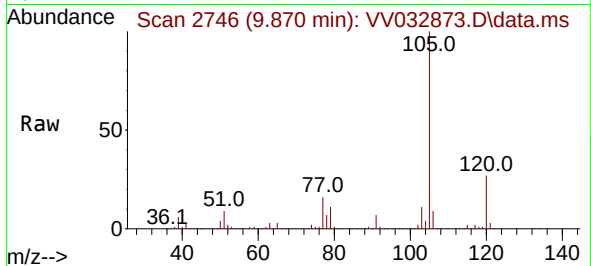
Tgt Ion:173 Resp: 109263
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 8.5 7.0 10.6





#60
Isopropylbenzene
Concen: 46.435 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

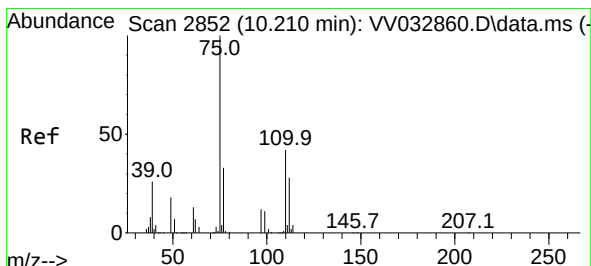
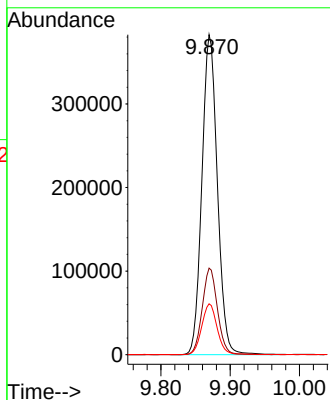
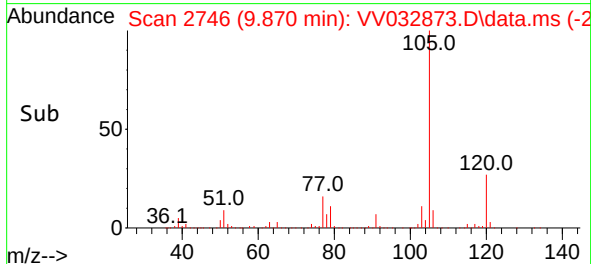
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



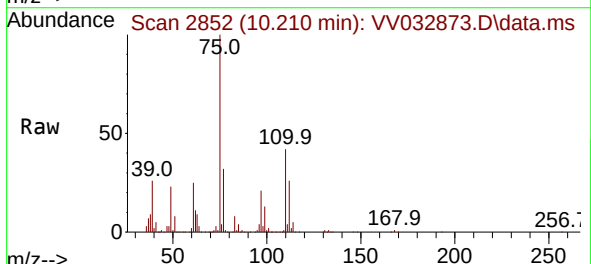
Tgt Ion:105 Resp: 592114
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.7 12.6 19.0

Manual Integrations
APPROVED

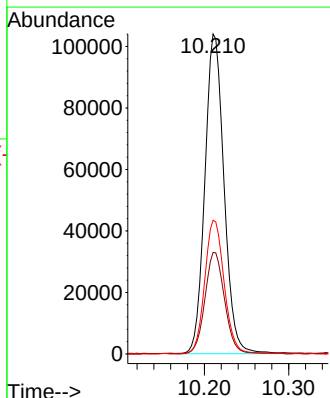
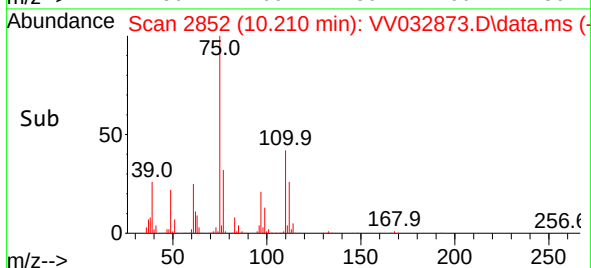
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023

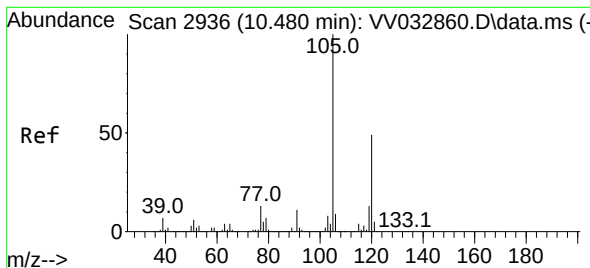


#61
1,2,3-Trichloropropane
Concen: 46.844 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



Tgt Ion: 75 Resp: 164522
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 42.5 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 46.597 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion:105 Resp: 467568

Ion Ratio Lower Upper

105 100

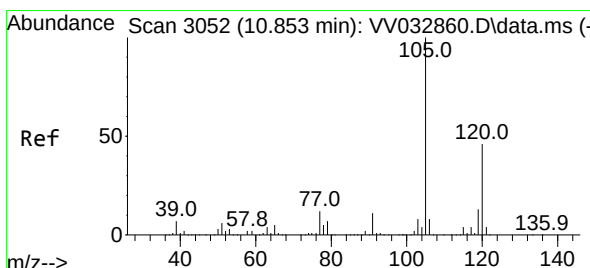
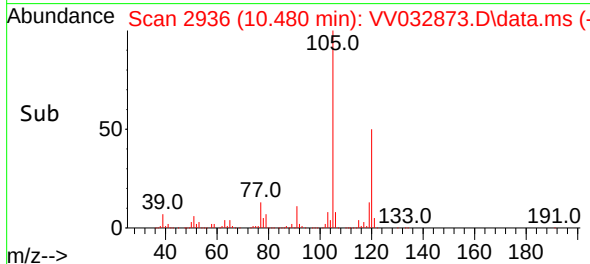
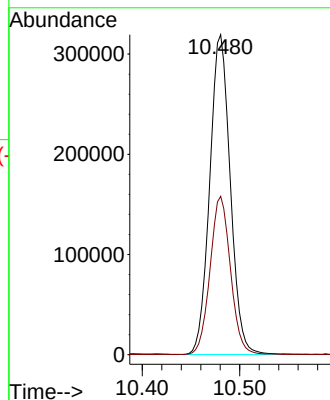
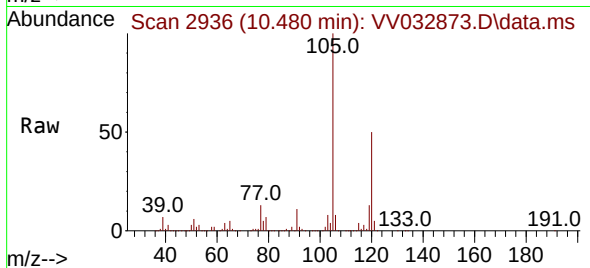
120 49.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#63

1,2,4-Trimethylbenzene

Concen: 48.032 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032873.D

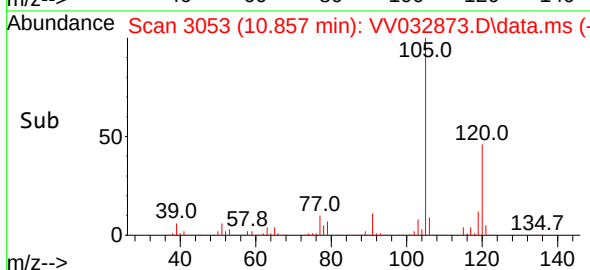
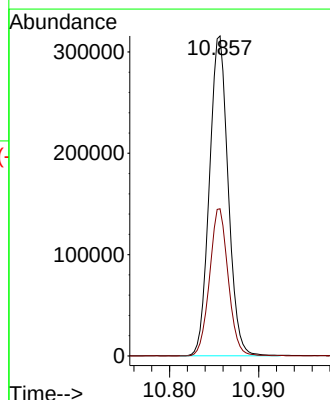
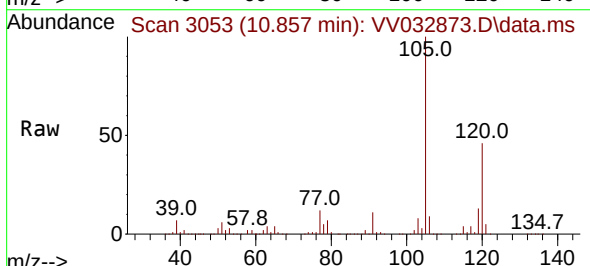
Acq: 07 Nov 2023 16:38

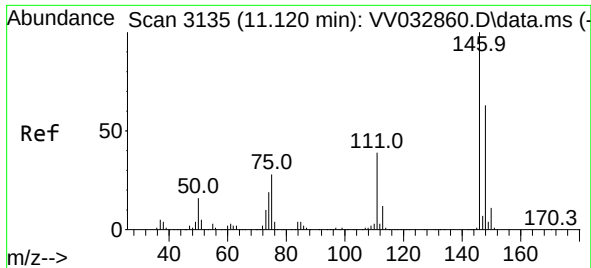
Tgt Ion:105 Resp: 461048

Ion Ratio Lower Upper

105 100

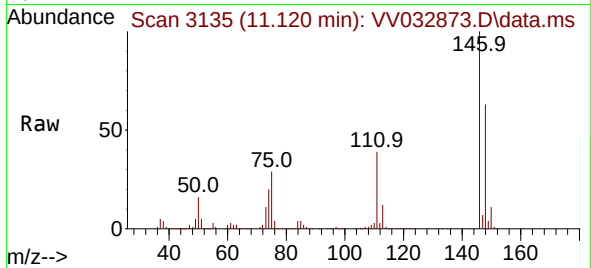
120 45.8 37.0 55.6





#64
1,3-Dichlorobenzene
Concen: 45.015 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

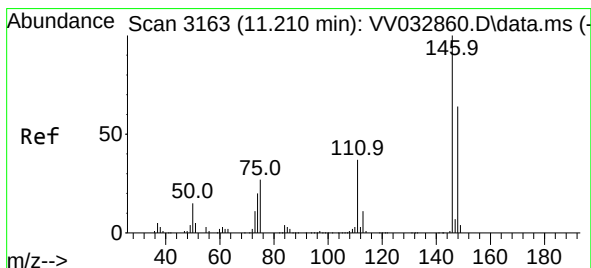
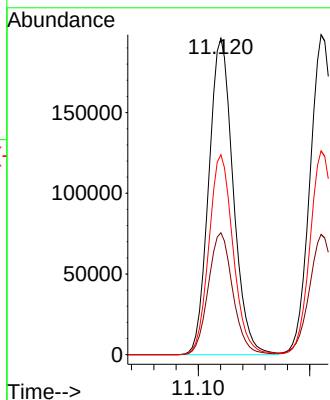
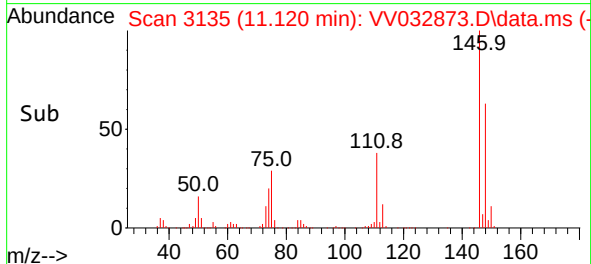
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



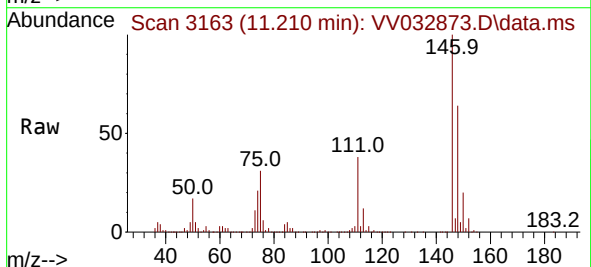
Tgt Ion:146 Resp: 299038
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.4
148 63.3 44.6 82.8

Manual Integrations
APPROVED

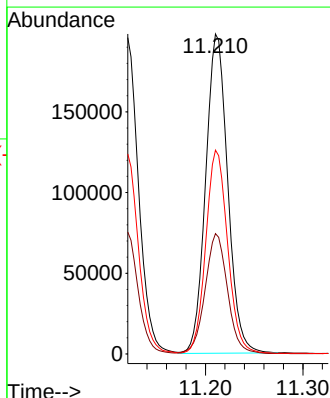
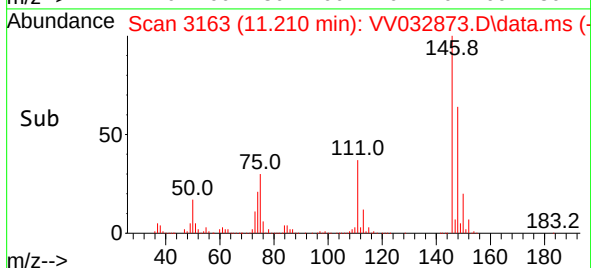
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023

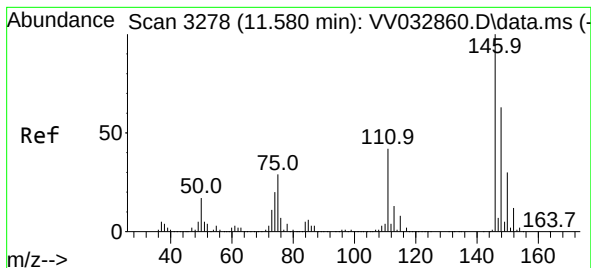


#65
1,4-Dichlorobenzene
Concen: 44.303 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



Tgt Ion:146 Resp: 310532
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.1
148 63.7 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 44.599 ug/L

RT: 11.580 min Scan# 302460

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

YCG47MS

Tgt Ion:146 Resp: 302460

Ion Ratio Lower Upper

146 100

111 41.0 32.5 48.7

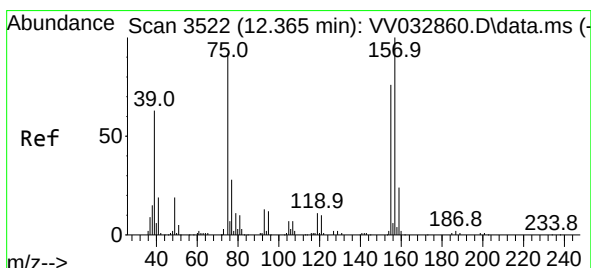
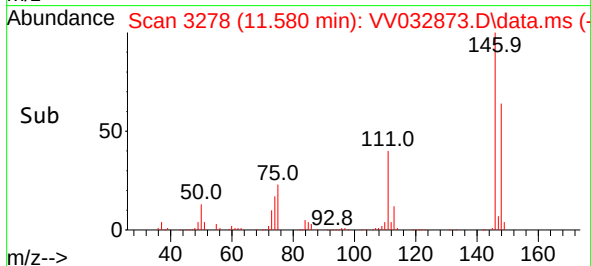
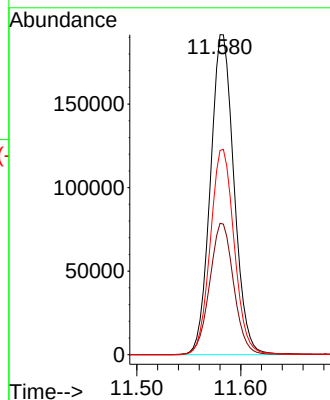
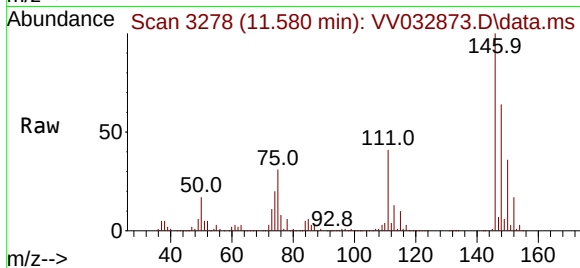
148 63.9 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023

Supervised By :Semsettin Yesilyurt 11/08/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 46.030 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

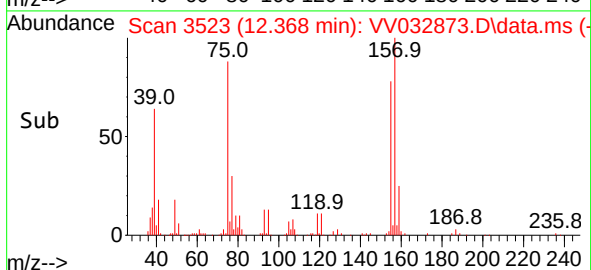
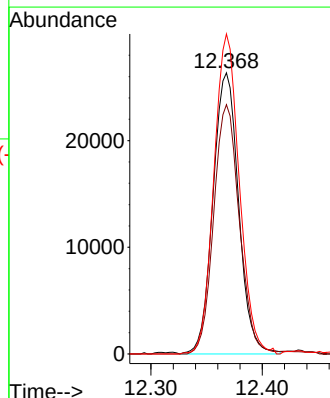
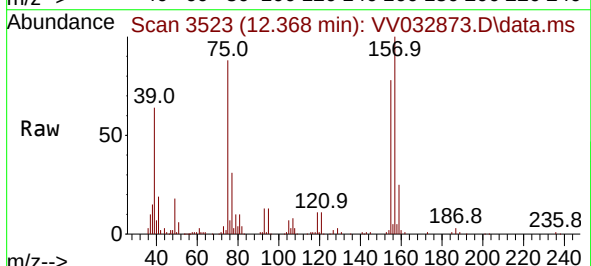
Tgt Ion: 75 Resp: 42074

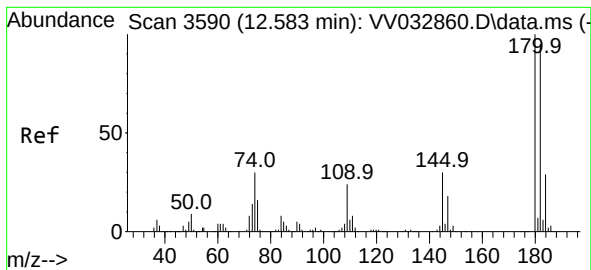
Ion Ratio Lower Upper

75 100

155 88.7 68.6 102.8

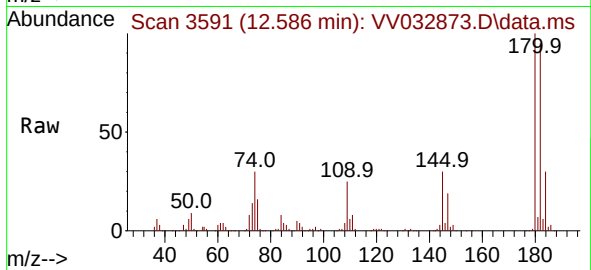
157 113.8 87.3 130.9





#69
1,3,5-Trichlorobenzene
Concen: 42.682 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.003 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38

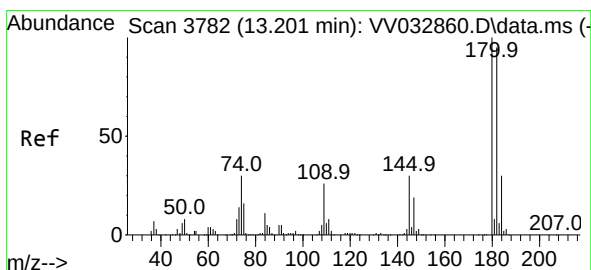
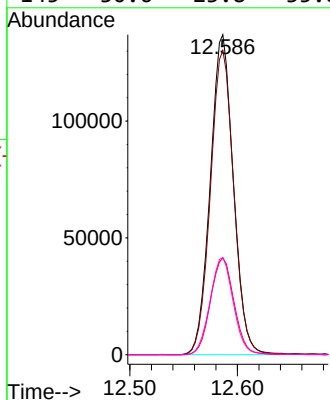
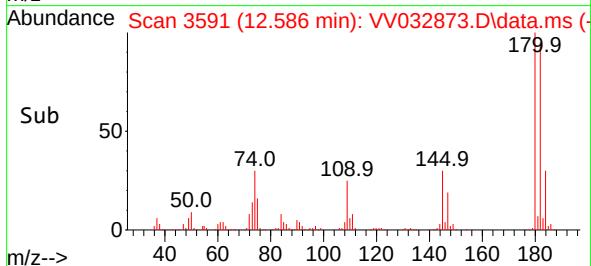
Instrument :
MSVOA_V
ClientSampleId :
YCG47MS



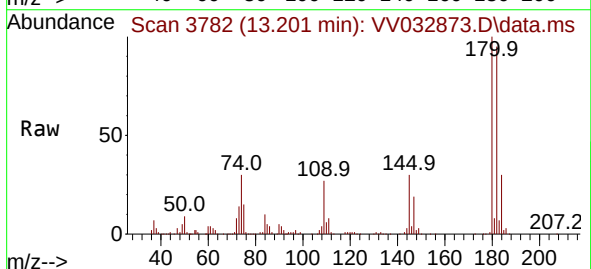
Tgt Ion:180 Resp: 20469
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
184 30.7 23.5 35.3
145 30.6 23.8 35.8

Manual Integrations
APPROVED

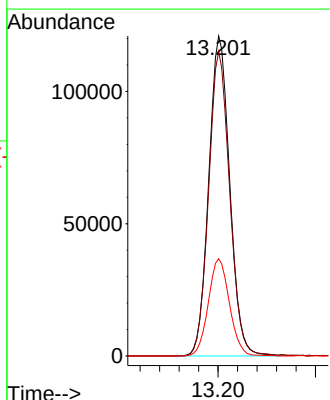
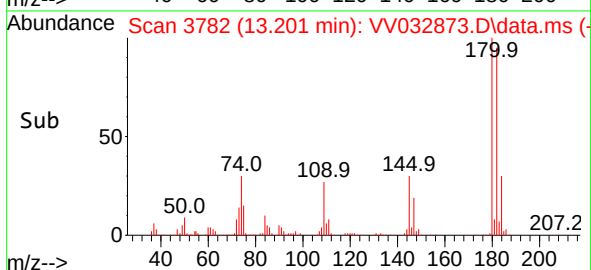
Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023

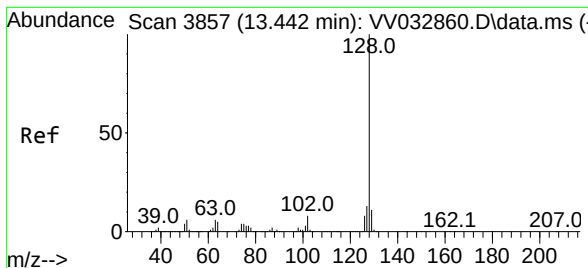


#70
1,2,4-trichlorobenzene
Concen: 43.710 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. -0.000 min
Lab File: VV032873.D
Acq: 07 Nov 2023 16:38



Tgt Ion:180 Resp: 181285
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 30.5 24.7 37.1





#71

Naphthalene

Concen: 49.715 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Instrument :

MSVOA_V

ClientSampleId :

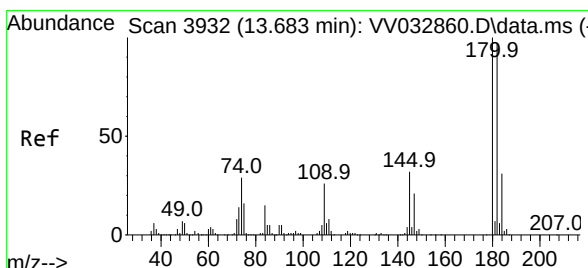
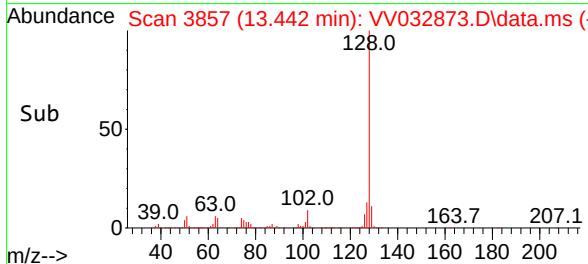
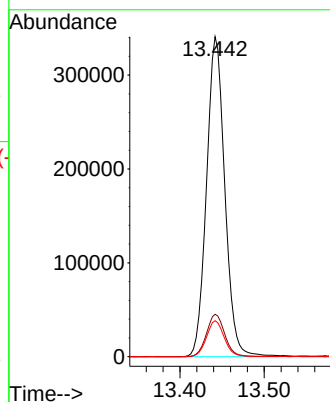
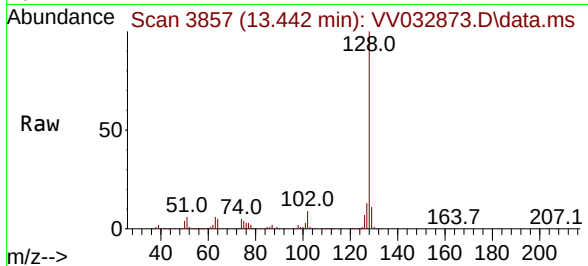
YCG47MS

Tgt Ion:	128	Resp:	51489
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023



#72

1,2,3-Trichlorobenzene

Concen: 47.757 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032873.D

Acq: 07 Nov 2023 16:38

Tgt Ion:	180	Resp:	197757
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.2	114.4
145	32.6	25.8	38.8

