

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016863.D
 Acq On : 26 Dec 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
 Supervised By :Semsettin Yesilyurt 12/29/2023

Quant Time: Dec 27 01:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	119422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	213750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70150	64.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.700%			
35) Dibromofluoromethane	7.734	113	70914	57.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.840%			
50) Toluene-d8	10.191	98	252777	57.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.540%			
62) 4-Bromofluorobenzene	12.489	95	85562	59.750	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	48827	47.843	ug/l	94
3) Chloromethane	2.119	50	90405	57.629	ug/l	97
4) Vinyl Chloride	2.259	62	102883	58.062	ug/l	98
5) Bromomethane	2.662	94	75146	59.543	ug/l	98
6) Chloroethane	2.802	64	70734	58.912	ug/l	97
7) Trichlorofluoromethane	3.137	101	112818	54.655	ug/l	99
8) Diethyl Ether	3.540	74	40347	61.102	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	69028	54.515	ug/l	97
10) Methyl Iodide	4.101	142	67989	51.528	ug/l	99
11) Tert butyl alcohol	4.960	59	30725	343.733	ug/l	99
12) 1,1-Dichloroethene	3.887	96	63309	56.154	ug/l	97
13) Acrolein	3.735	56	17327	251.235	ug/l	100
14) Allyl chloride	4.491	41	108236	62.680	ug/l	99
15) Acrylonitrile	5.180	53	99320	355.175	ug/l	99
16) Acetone	3.960	43	89241	302.716	ug/l	99
17) Carbon Disulfide	4.210	76	178454	58.174	ug/l	100
18) Methyl Acetate	4.491	43	95505	82.898	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	186178	64.180	ug/l	97
20) Methylene Chloride	4.735	84	87290	60.375	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	77862	60.555	ug/l	98
22) Diisopropyl ether	6.137	45	258404	66.144	ug/l	96
23) Vinyl Acetate	6.076	43	587636	318.037	ug/l	100
24) 1,1-Dichloroethane	6.033	63	147083	62.674	ug/l	97
25) 2-Butanone	7.002	43	133840	329.747	ug/l	97
26) 2,2-Dichloropropane	6.996	77	114030	55.680	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	91881	62.089	ug/l	98
28) Bromochloromethane	7.350	49	64618	69.568	ug/l	96
29) Tetrahydrofuran	7.362	42	84686	381.575	ug/l	97
30) Chloroform	7.521	83	151696	63.142	ug/l	100
31) Cyclohexane	7.801	56	112085	53.661	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	121519	57.624	ug/l	99
36) 1,1-Dichloropropene	7.929	75	107914	54.976	ug/l	100
37) Ethyl Acetate	7.088	43	56742	67.441	ug/l	99
38) Carbon Tetrachloride	7.917	117	103636	53.355	ug/l	99
39) Methylcyclohexane	9.197	83	120915	53.353	ug/l	99
40) Benzene	8.173	78	336026	58.826	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27575	61.729	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	92258	61.907	ug/l	99
43) Isopropyl Acetate	8.289	43	105670	64.666	ug/l	99
44) Trichloroethene	8.953	130	80787	55.412	ug/l	97
45) 1,2-Dichloropropane	9.228	63	86080	60.075	ug/l	98
46) Dibromomethane	9.319	93	45941	62.063	ug/l	98
47) Bromodichloromethane	9.508	83	118506	60.741	ug/l	96
48) Methyl methacrylate	9.301	41	59247	65.237	ug/l	96
49) 1,4-Dioxane	9.313	88	10511	1462.989	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	303195	348.234	ug/l	100
52) Toluene	10.258	92	201910	58.984	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	109508	61.556	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	129384	60.295	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	65729	62.236	ug/l	98
56) Ethyl methacrylate	10.520	69	62141	66.912	ug/l	98
57) 1,3-Dichloropropane	10.801	76	112043	62.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	160291	320.842	ug/l	98
59) 2-Hexanone	10.843	43	206513	318.095	ug/l	99
60) Dibromochloromethane	10.996	129	75472	61.774	ug/l	99
61) 1,2-Dibromoethane	11.099	107	59733	63.067	ug/l	99
64) Tetrachloroethene	10.733	164	68046	57.434	ug/l	98
65) Chlorobenzene	11.526	112	213325	56.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	79529	56.408	ug/l	99
67) Ethyl Benzene	11.605	91	387938	56.246	ug/l	99
68) m/p-Xylenes	11.715	106	289227	113.560	ug/l	99
69) o-Xylene	12.038	106	136740	58.522	ug/l	99
70) Styrene	12.056	104	206320	59.673	ug/l	100
71) Bromoform	12.215	173	42433	60.369	ug/l #	98
73) Isopropylbenzene	12.337	105	359830	53.961	ug/l	100
74) N-amyl acetate	12.154	43	84307	60.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	78261	58.730	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	50068m	52.898	ug/l	
77) Bromobenzene	12.617	156	80168	55.108	ug/l	99
78) n-propylbenzene	12.678	91	436866	54.072	ug/l	99
79) 2-Chlorotoluene	12.764	91	245349	54.880	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	292674	55.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	22752	56.451	ug/l	97
82) 4-Chlorotoluene	12.861	91	251844	54.911	ug/l	100
83) tert-Butylbenzene	13.081	119	254371	55.401	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	290897	55.888	ug/l	98
85) sec-Butylbenzene	13.263	105	362298	53.273	ug/l	100
86) p-Isopropyltoluene	13.379	119	301218	53.185	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	156443	55.028	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	151936	54.731	ug/l	99
89) n-Butylbenzene	13.702	91	291075	53.763	ug/l	100
90) Hexachloroethane	13.971	117	62609	53.089	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	137941	56.954	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10333	59.819	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	66851	52.019	ug/l	100
94) Hexachlorobutadiene	15.117	225	35983	49.296	ug/l	98
95) Naphthalene	15.245	128	138254	49.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	59229	54.114	ug/l	99

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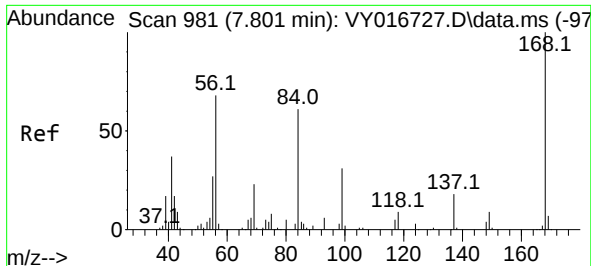
Manual Integrations
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Supervised By :Semsettin Yesilyurt 12/29/2023

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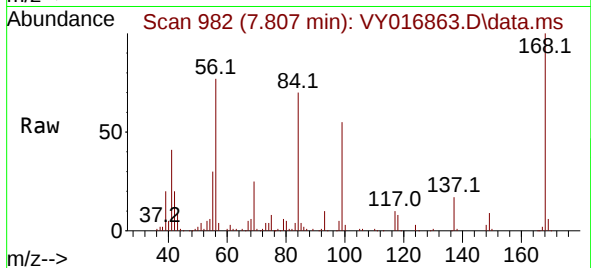
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
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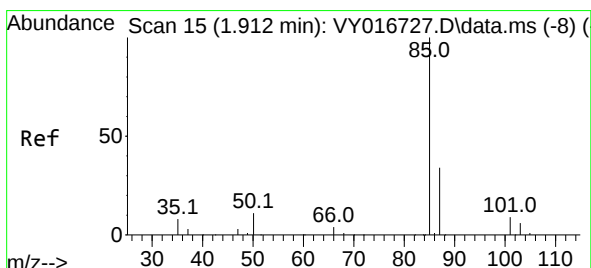
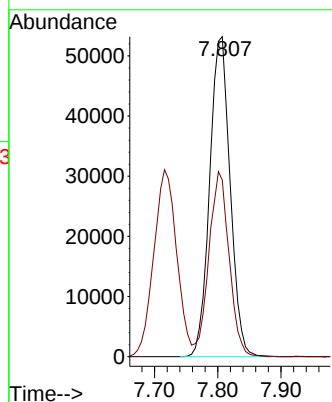
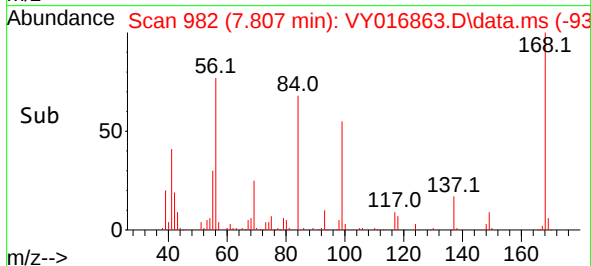
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VSTDCCC050EC



Tgt Ion:168 Resp: 11942
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4

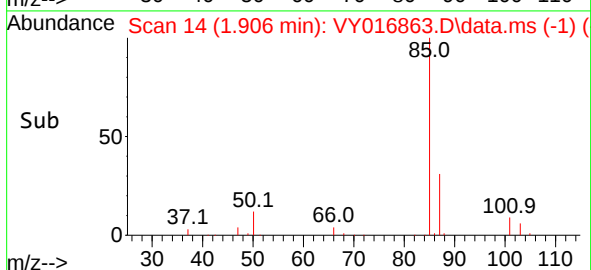
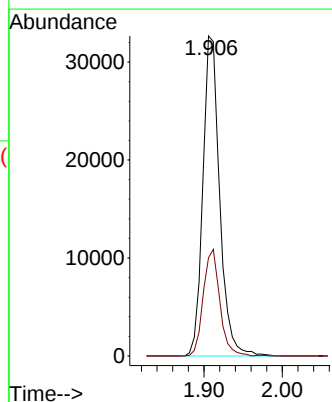
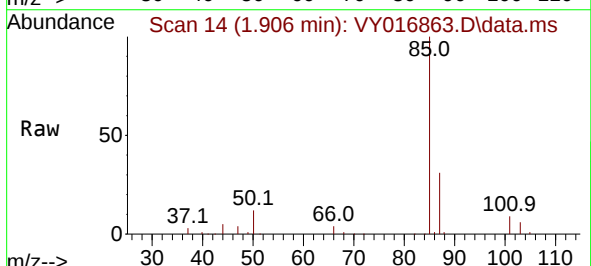
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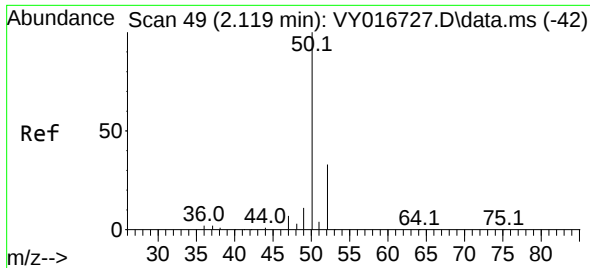
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#2
Dichlorodifluoromethane
Concen: 47.843 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 85 Resp: 48827
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3





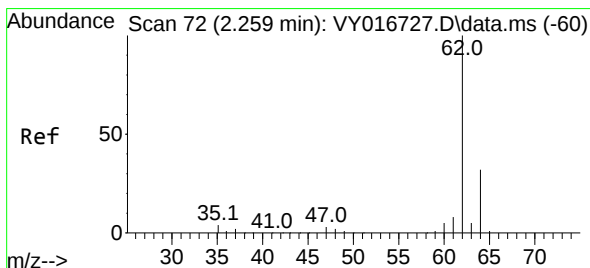
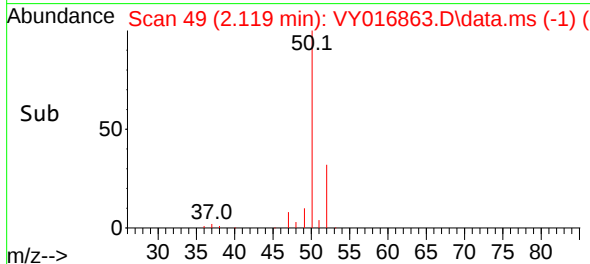
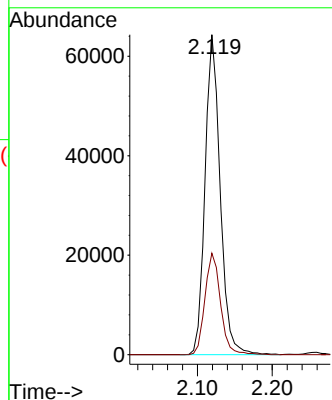
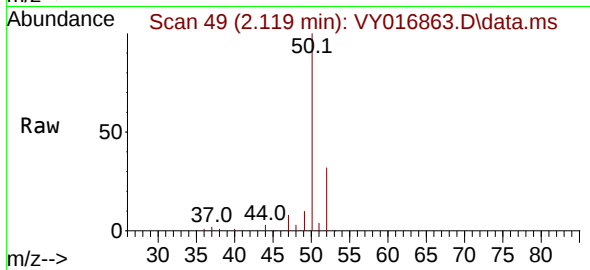
#3
Chloromethane
Concen: 57.629 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
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Tgt Ion: 50 Resp: 9040
Ion Ratio Lower Upper
50 100
52 31.7 26.7 40.1

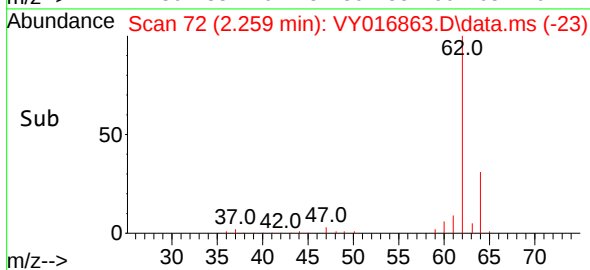
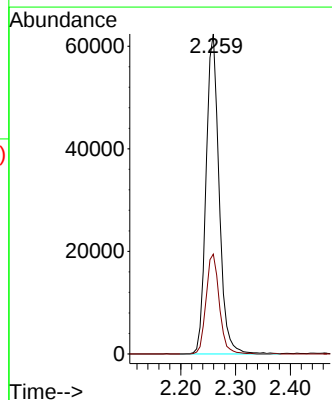
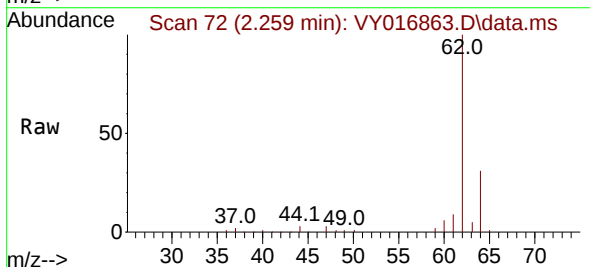
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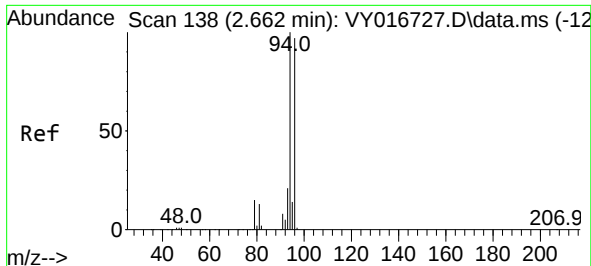
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#4
Vinyl Chloride
Concen: 58.062 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

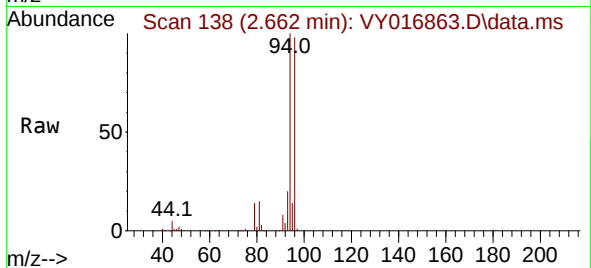
Tgt Ion: 62 Resp: 102883
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5





#5
Bromomethane
Concen: 59.543 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

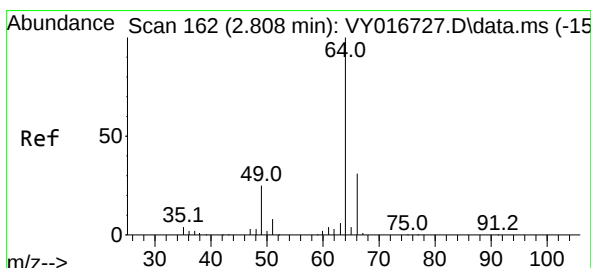
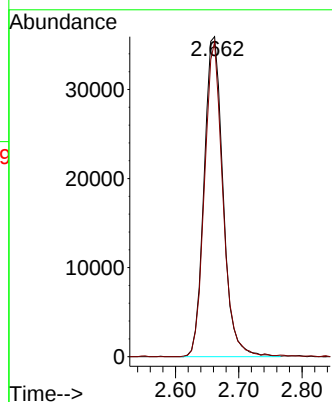
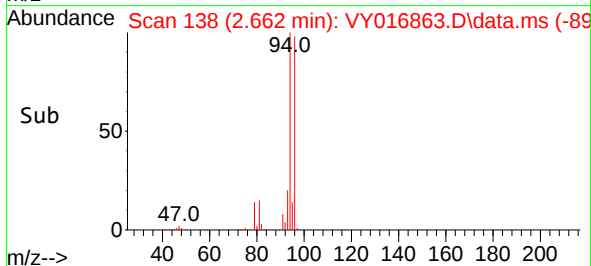
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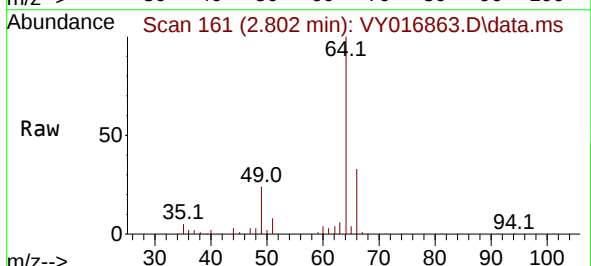
Tgt Ion: 94 Resp: 75140
Ion Ratio Lower Upper
94 100
96 98.4 77.3 115.9

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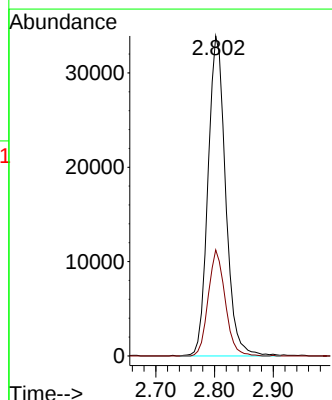
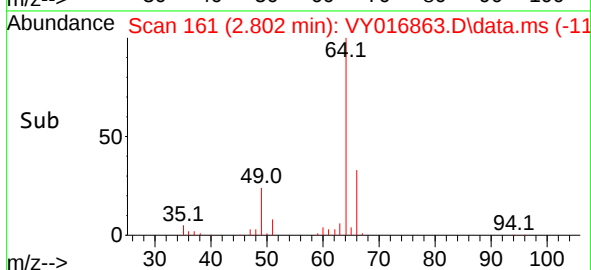
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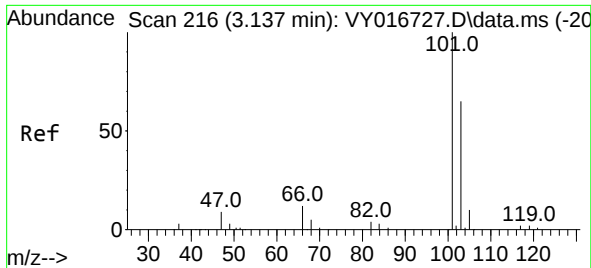


#6
Chloroethane
Concen: 58.912 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



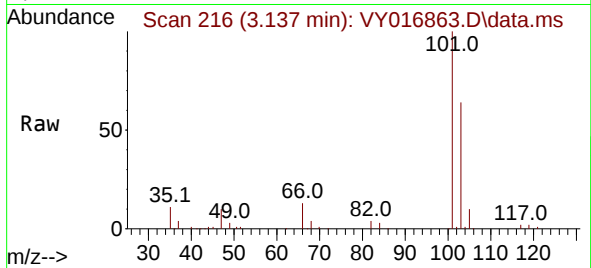
Tgt Ion: 64 Resp: 70734
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.655 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

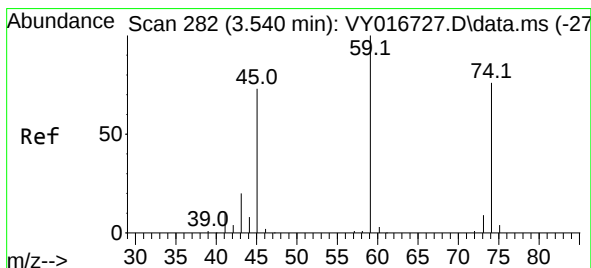
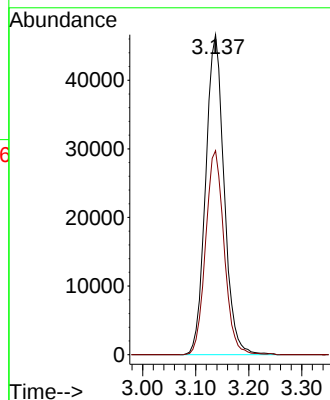
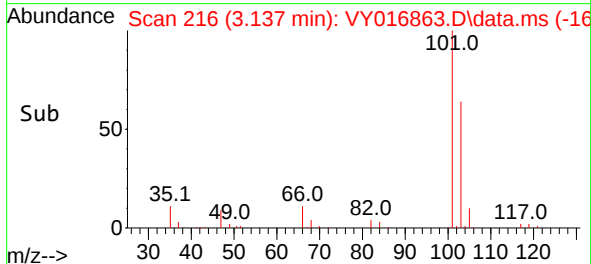
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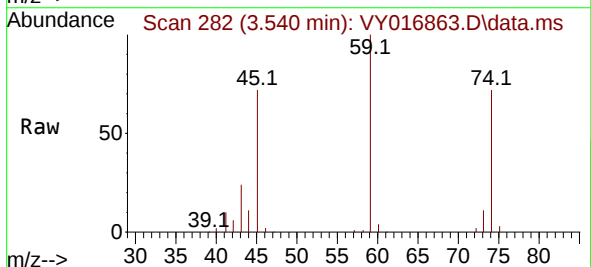
Tgt Ion:101 Resp: 112818
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

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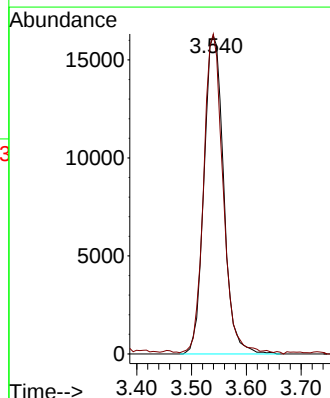
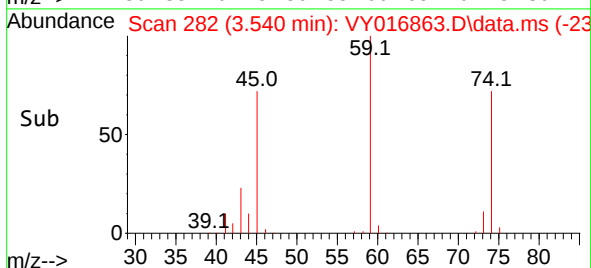
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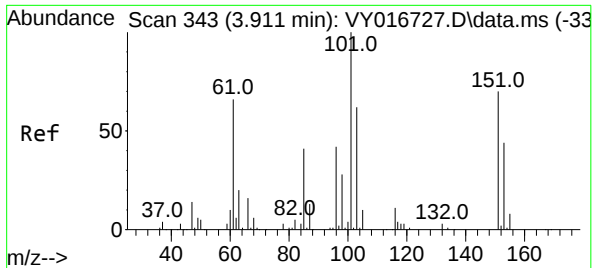


#8
Diethyl Ether
Concen: 61.102 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY016863.D
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Tgt Ion: 74 Resp: 40347
Ion Ratio Lower Upper
74 100
45 99.9 47.9 143.7





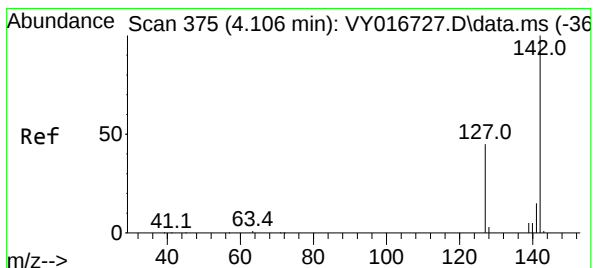
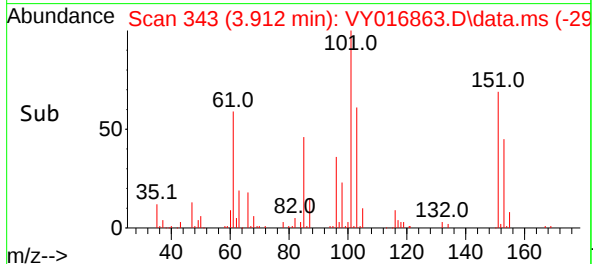
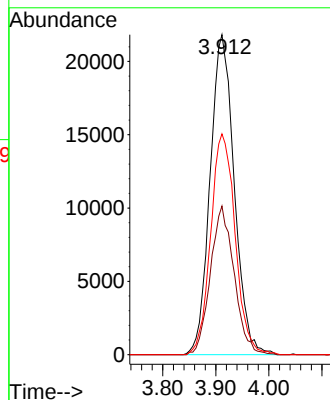
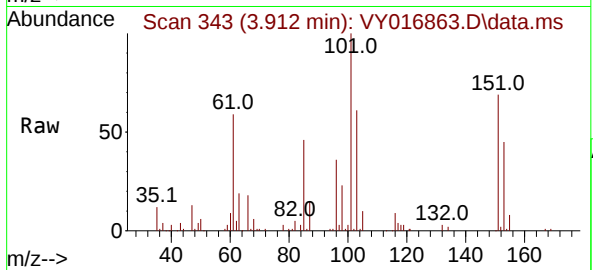
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.515 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 69028
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 70.2 58.6 88.0

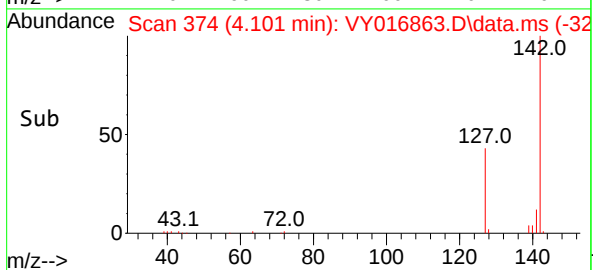
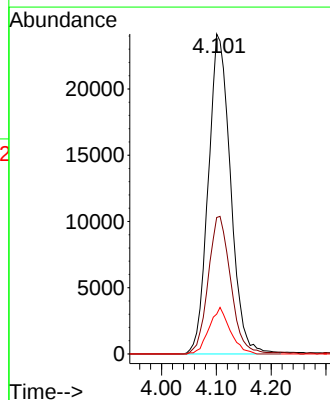
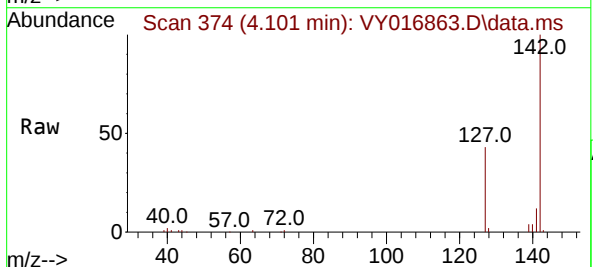
Manual Integrations
APPROVED

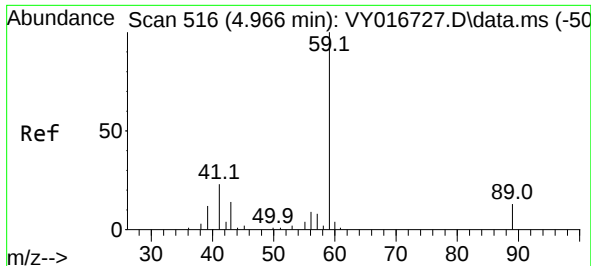
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#10
Methyl Iodide
Concen: 51.528 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:142 Resp: 67989
Ion Ratio Lower Upper
142 100
127 43.5 35.1 52.7
141 13.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 343.733 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3072

Ion Ratio Lower Upper

59 100

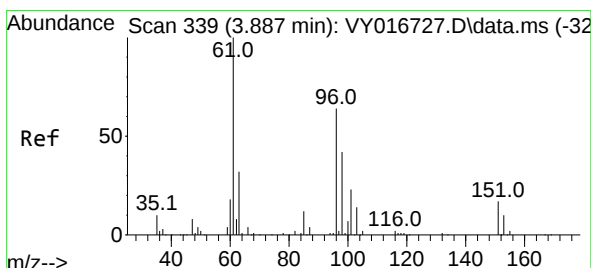
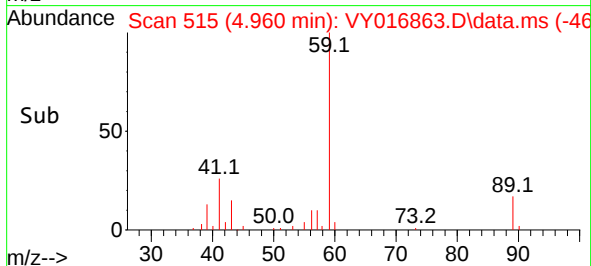
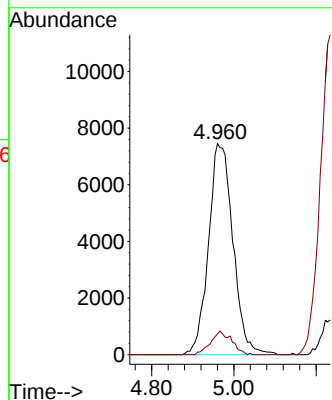
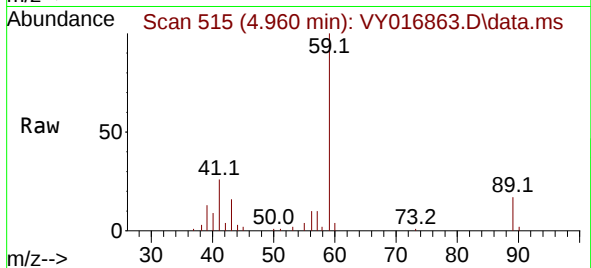
57 9.6 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#12

1,1-Dichloroethene

Concen: 56.154 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

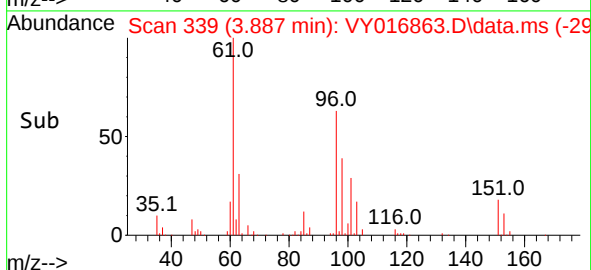
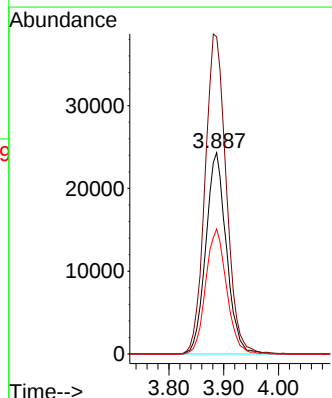
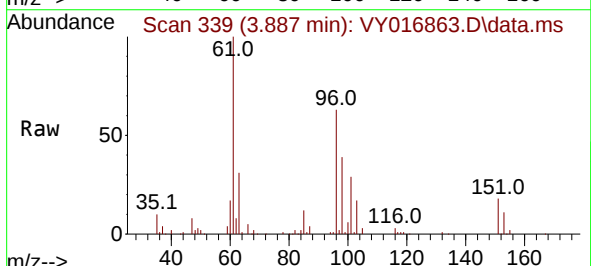
Tgt Ion: 96 Resp: 63309

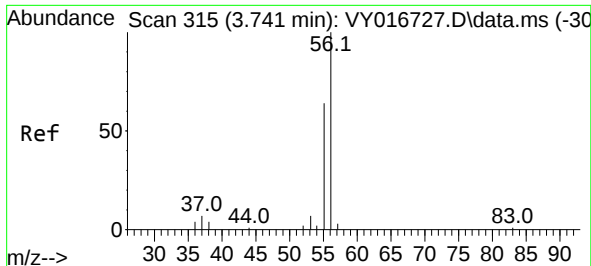
Ion Ratio Lower Upper

96 100

61 157.6 124.2 186.2

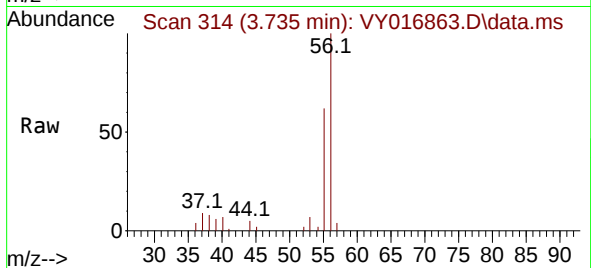
98 62.2 52.6 79.0





#13
Acrolein
Concen: 251.235 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

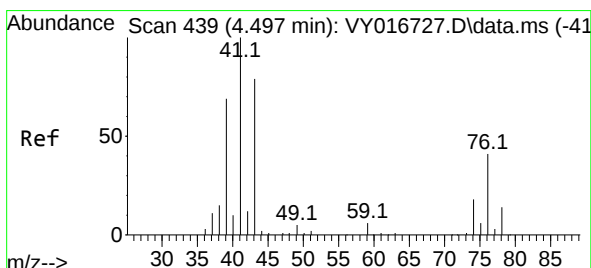
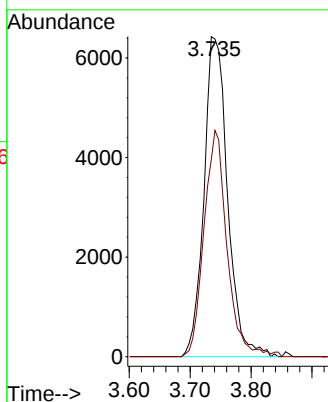
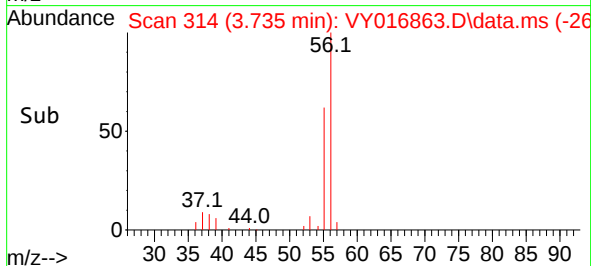
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1732
Ion Ratio Lower Upper
56 100
55 68.9 55.4 83.0

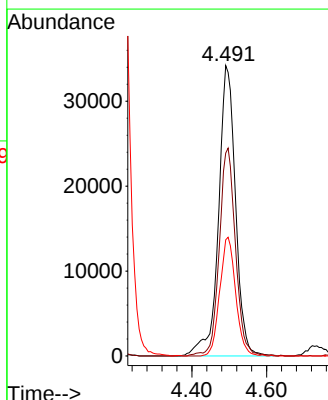
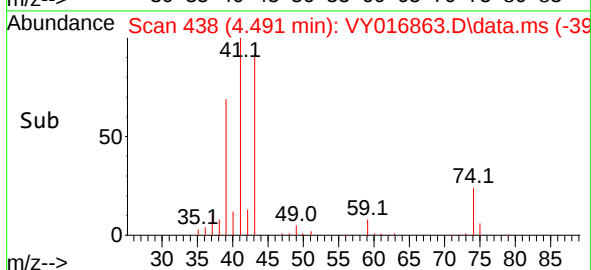
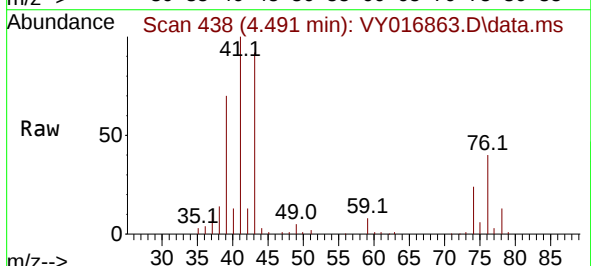
Manual Integrations
APPROVED

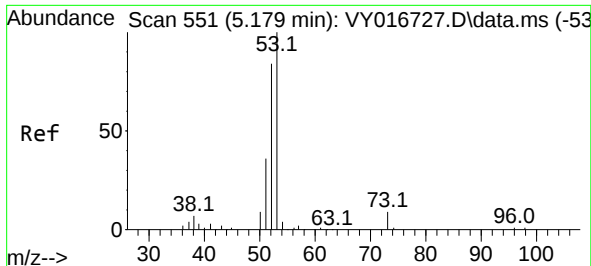
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#14
Allyl chloride
Concen: 62.680 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

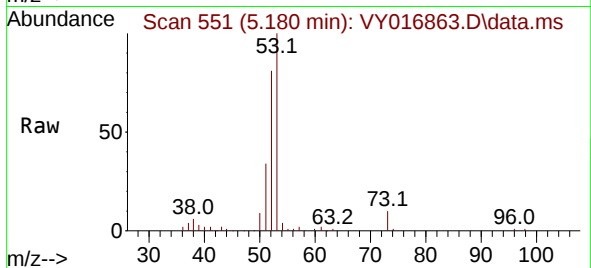
Tgt Ion: 41 Resp: 108236
Ion Ratio Lower Upper
41 100
39 68.3 54.7 82.1
76 38.2 31.8 47.6





#15
Acrylonitrile
Concen: 355.175 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

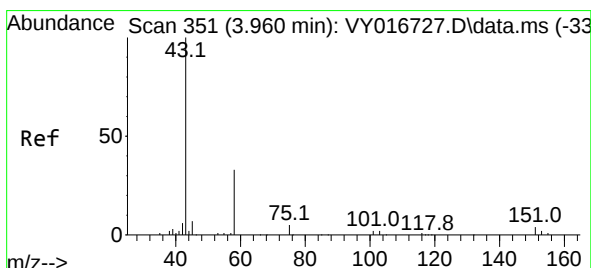
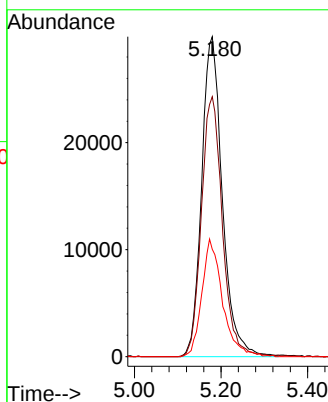
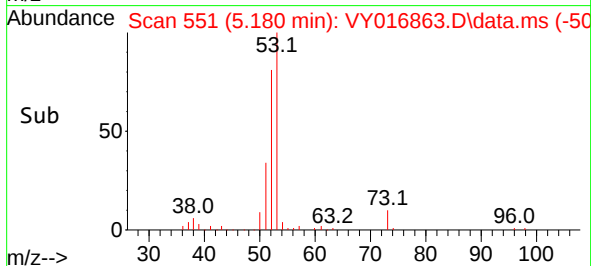
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



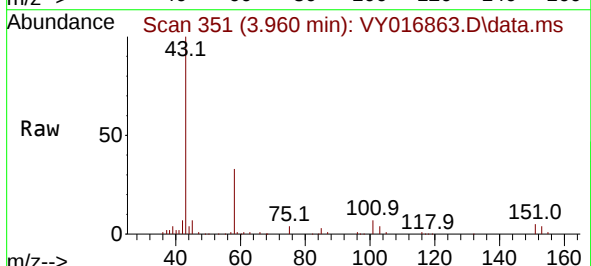
Tgt Ion: 53 Resp: 99320
Ion Ratio Lower Upper
53 100
52 82.2 65.1 97.7
51 36.7 29.0 43.4

Manual Integrations
APPROVED

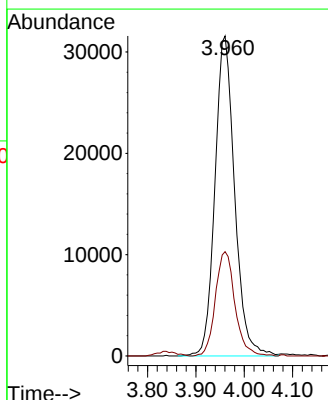
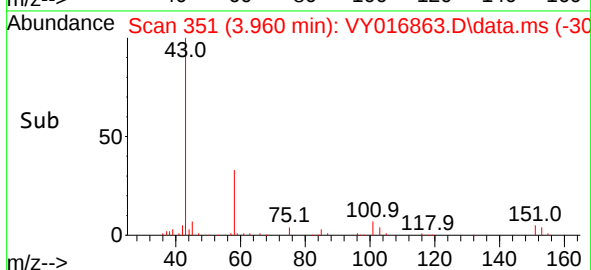
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

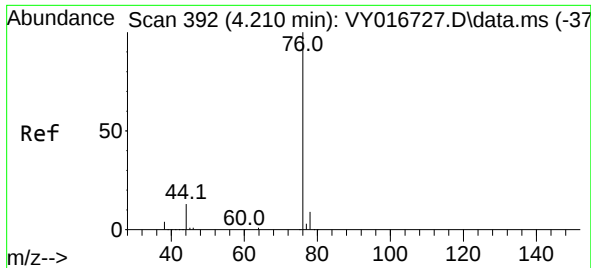


#16
Acetone
Concen: 302.716 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



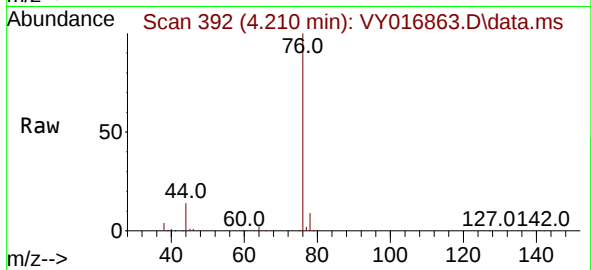
Tgt Ion: 43 Resp: 89241
Ion Ratio Lower Upper
43 100
58 32.6 26.6 39.8





#17
Carbon Disulfide
Concen: 58.174 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

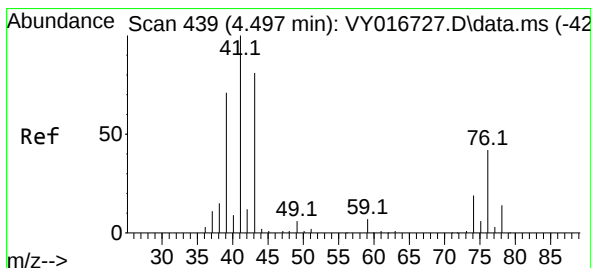
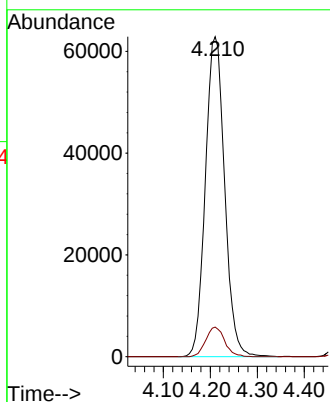
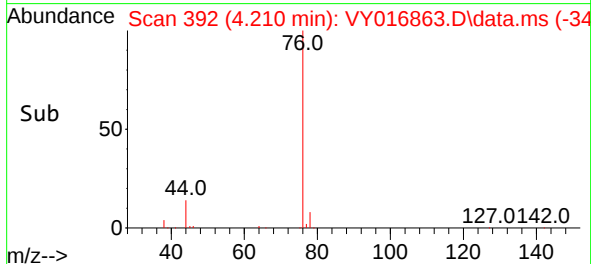
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 178454
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

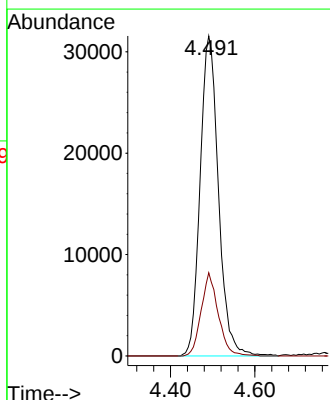
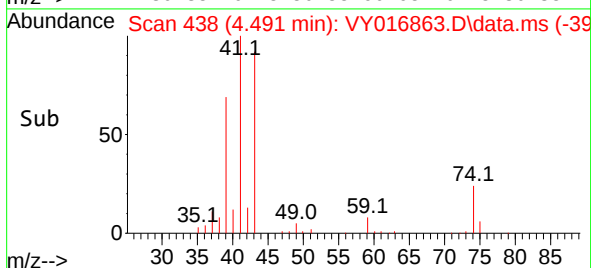
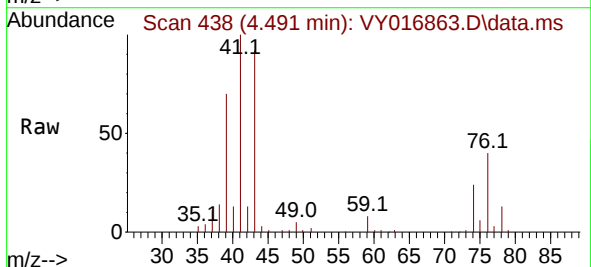
Manual Integrations
APPROVED

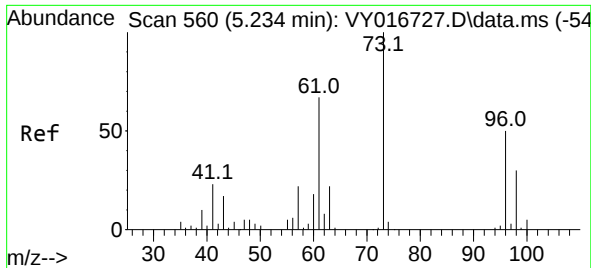
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#18
Methyl Acetate
Concen: 82.898 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 43 Resp: 95505
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6





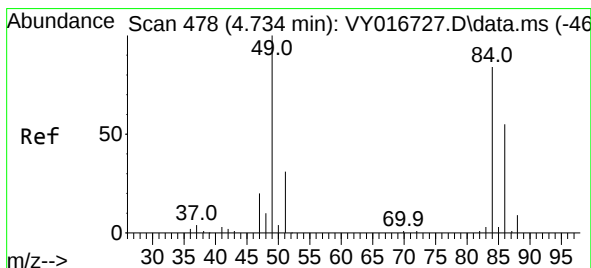
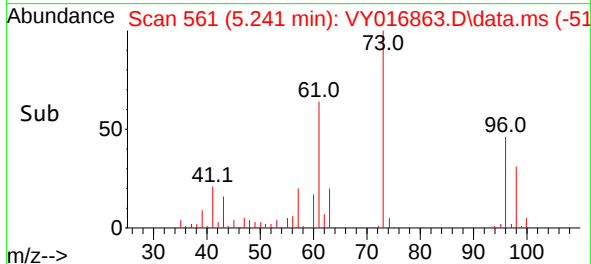
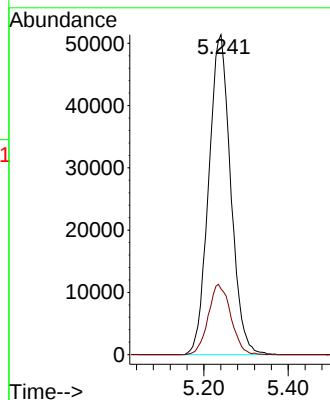
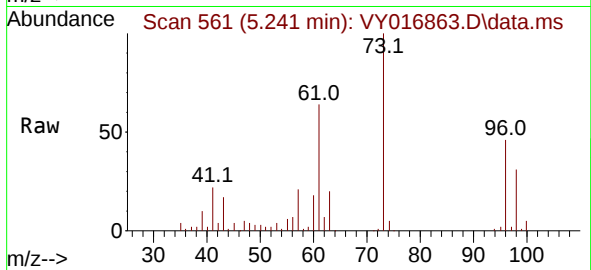
#19
Methyl tert-butyl Ether
Concen: 64.180 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 186178
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5

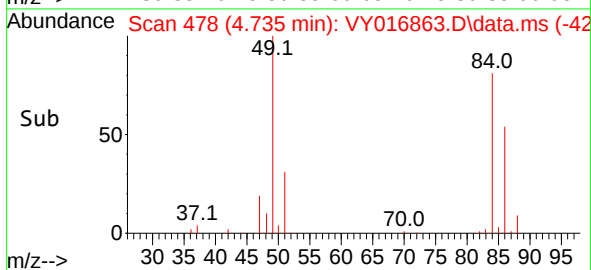
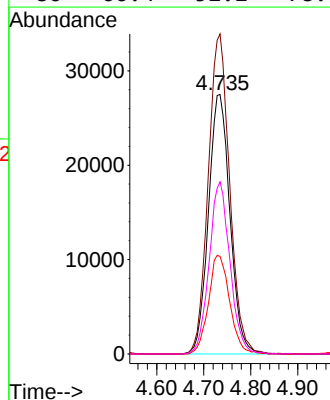
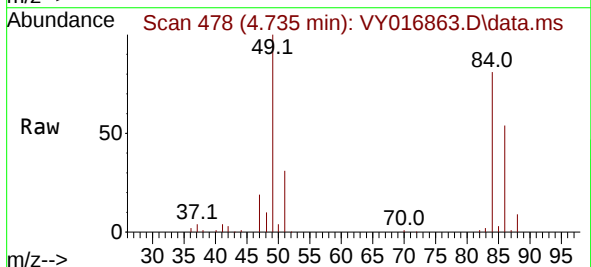
Manual Integrations
APPROVED

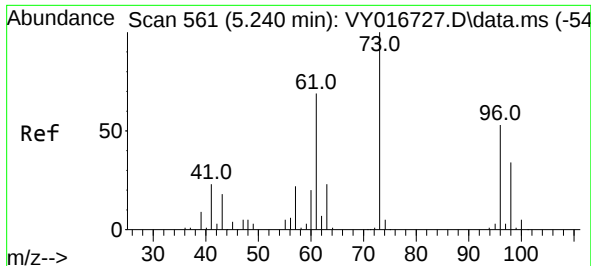
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#20
Methylene Chloride
Concen: 60.375 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 84 Resp: 87290
Ion Ratio Lower Upper
84 100
49 123.3 95.2 142.8
51 37.6 29.9 44.9
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 60.555 ug/l

RT: 5.234 min Scan# 50

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 77862

Ion Ratio Lower Upper

96 100

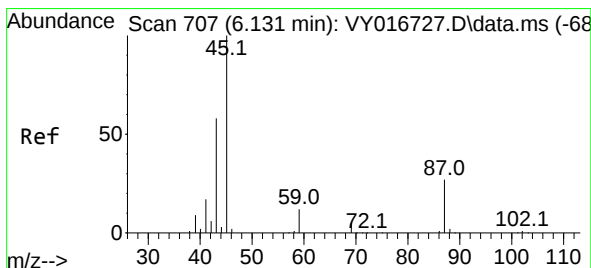
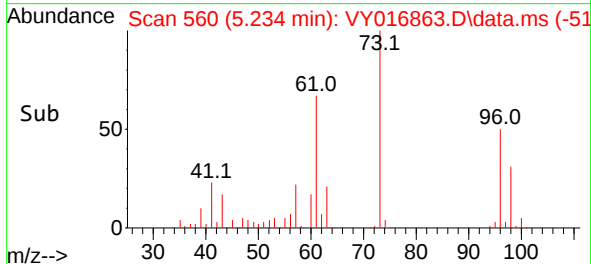
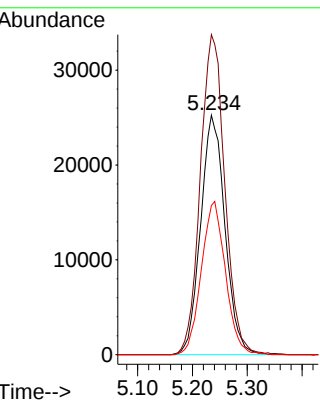
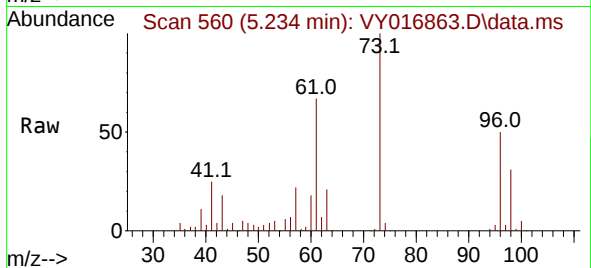
61 133.6 104.6 156.8

98 62.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#22

Diisopropyl ether

Concen: 66.144 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion: 45 Resp: 258404

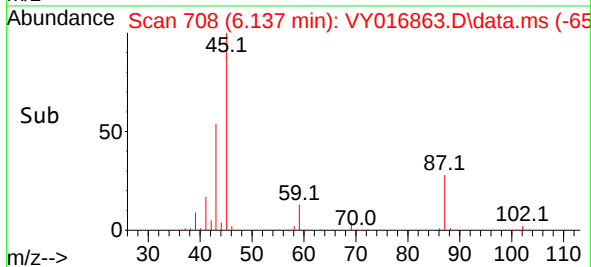
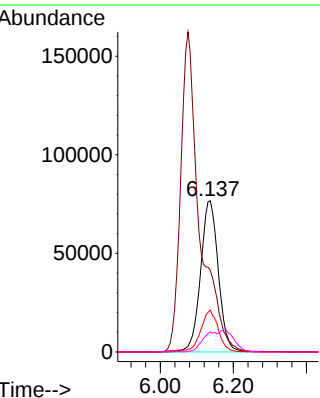
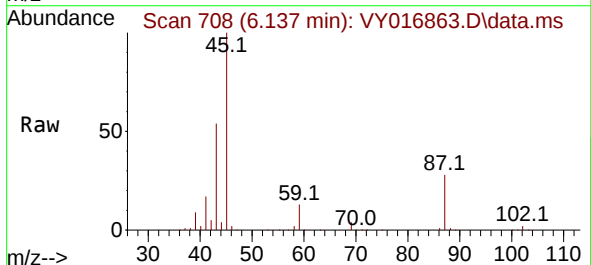
Ion Ratio Lower Upper

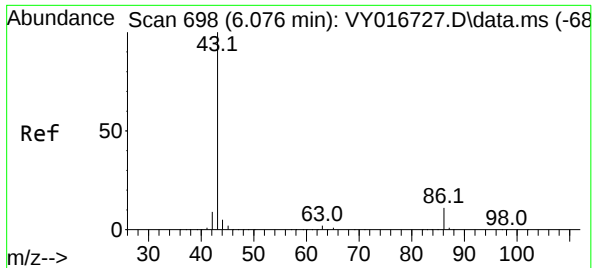
45 100

43 53.6 46.8 70.2

87 27.8 22.2 33.2

59 13.4 9.9 14.9





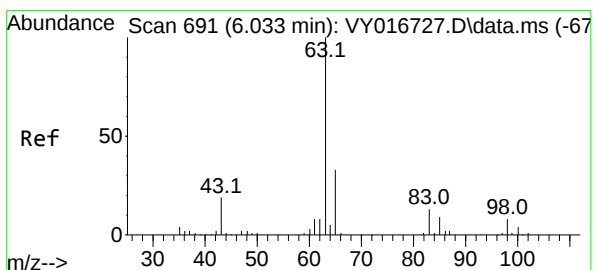
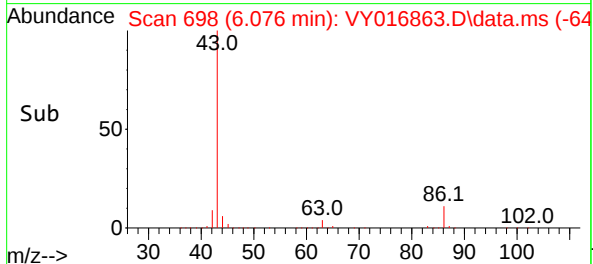
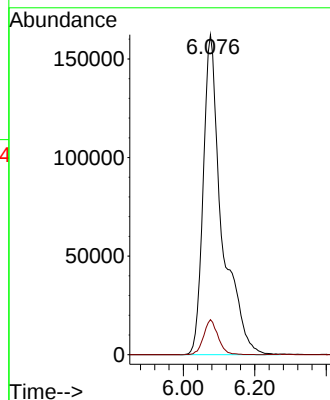
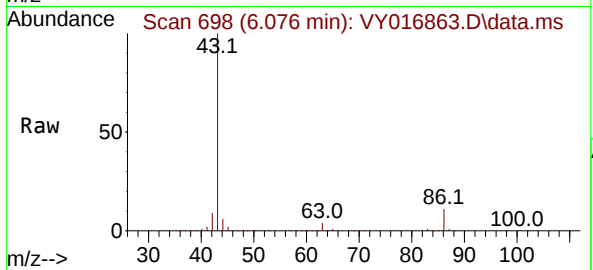
#23
 Vinyl Acetate
 Concen: 318.037 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 587630
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

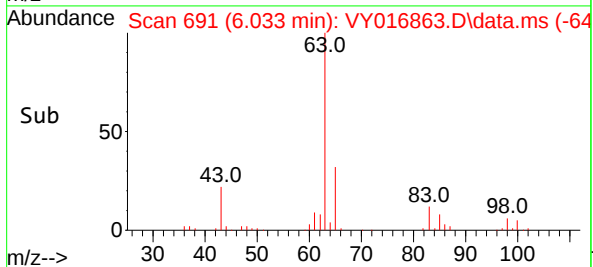
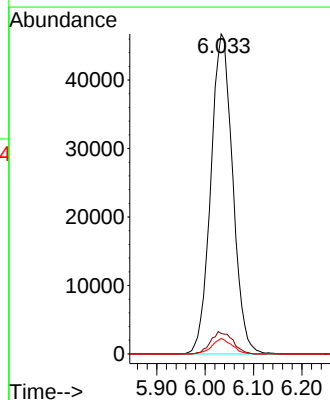
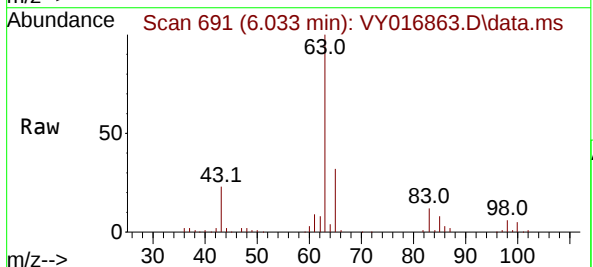
Manual Integrations
 APPROVED

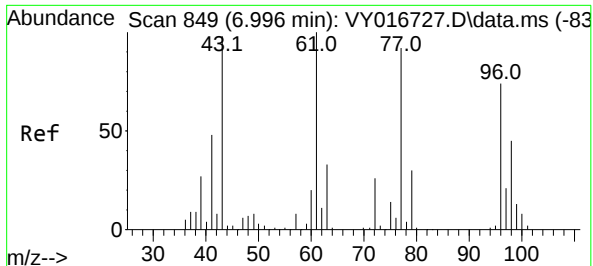
Reviewed By :Mahesh Dadoda 12/29/2023
 Supervised By :Semsettin Yesilyurt 12/29/2023



#24
 1,1-Dichloroethane
 Concen: 62.674 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion: 63 Resp: 147083
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 329.747 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 133840

Ion Ratio Lower Upper

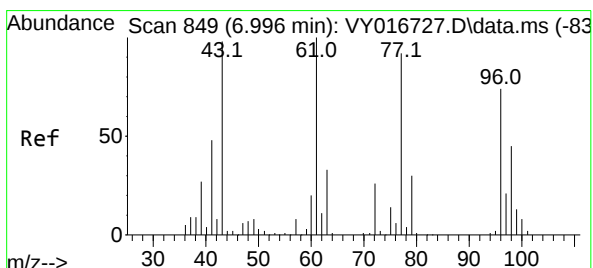
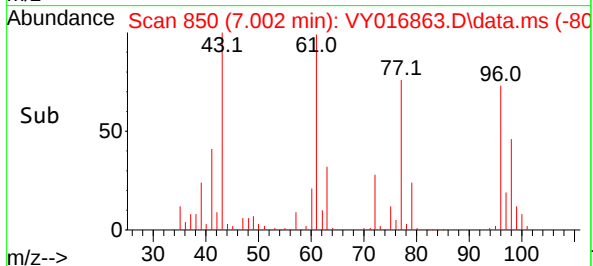
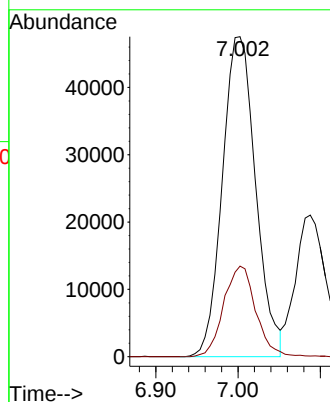
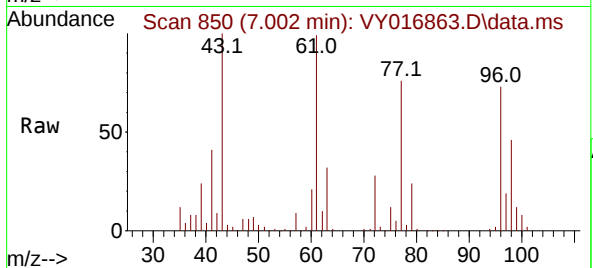
43 100

72 28.3 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#26

2,2-Dichloropropane

Concen: 55.680 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016863.D

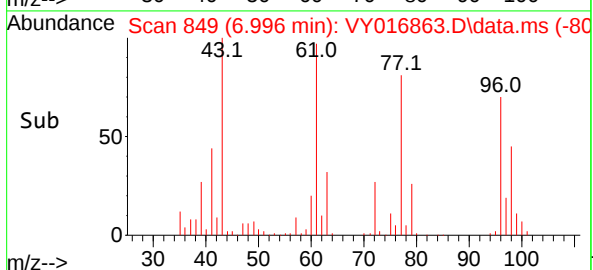
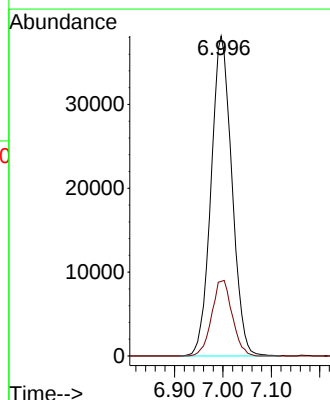
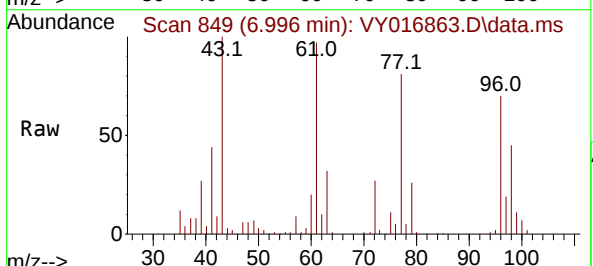
Acq: 26 Dec 2023 19:12

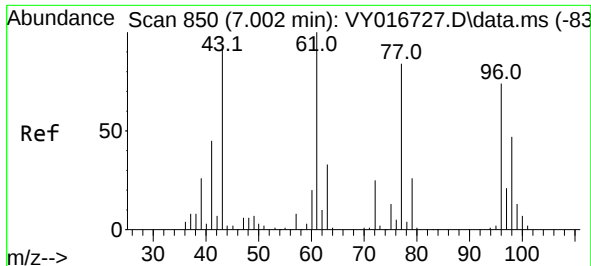
Tgt Ion: 77 Resp: 114030

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 62.089 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9188

Ion Ratio Lower Upper

96 100

61 141.2 0.0 278.8

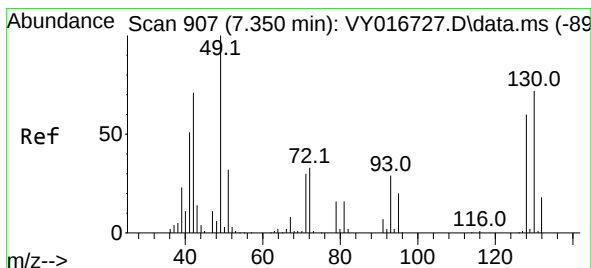
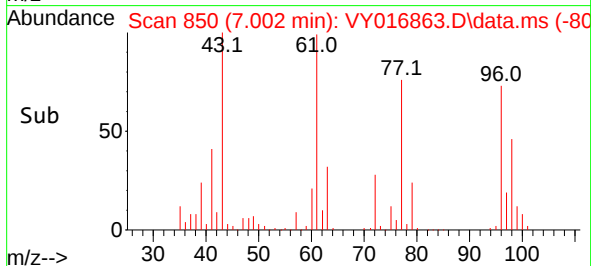
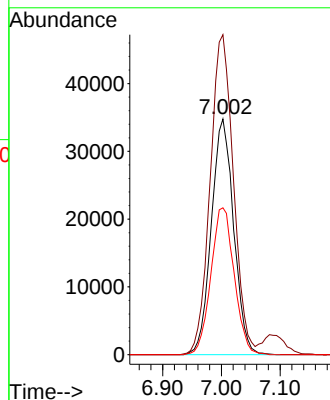
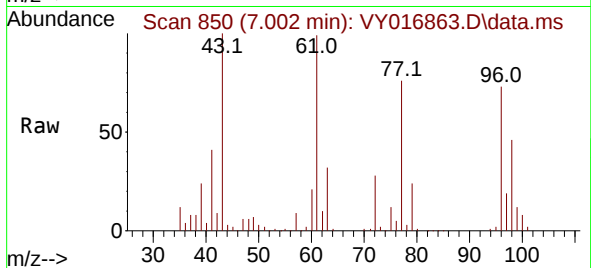
98 65.0 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#28

Bromochloromethane

Concen: 69.568 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

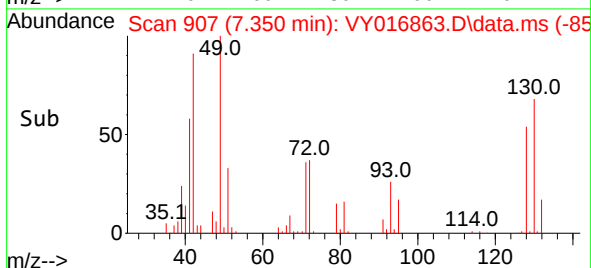
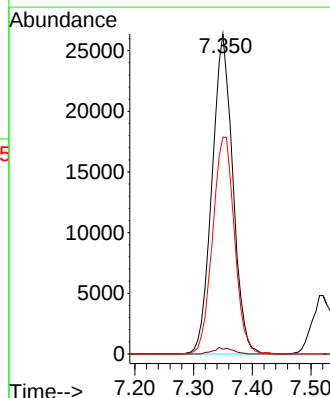
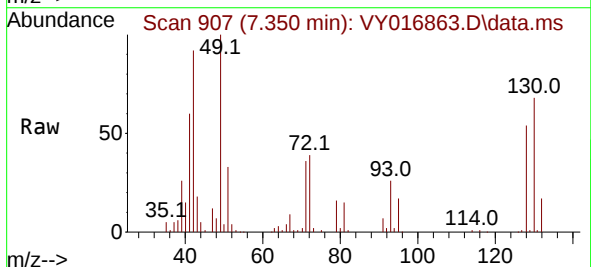
Tgt Ion: 49 Resp: 64618

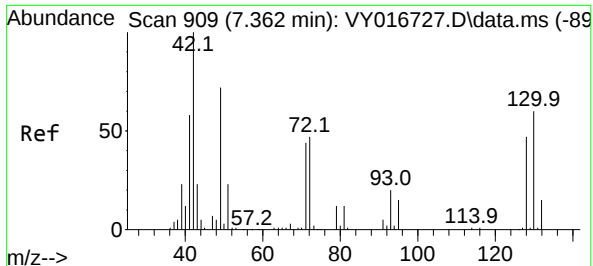
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 381.575 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

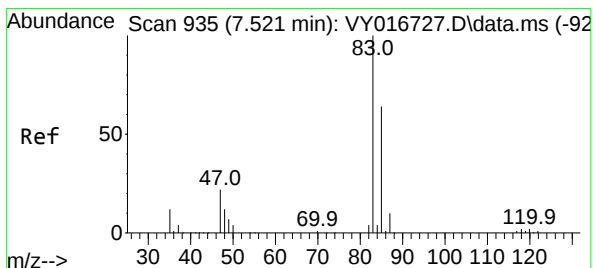
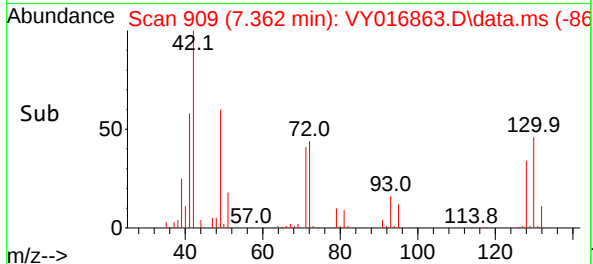
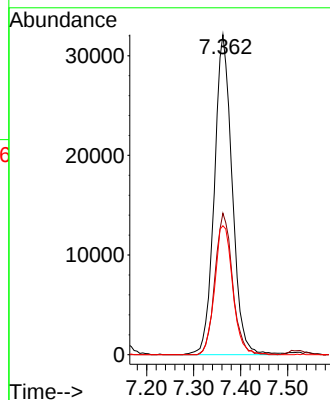
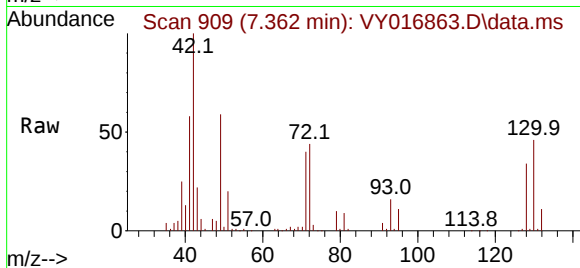
Tgt Ion: 42 Resp: 84680

Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.6	54.8
71	40.8	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#30

Chloroform

Concen: 63.142 ug/l

RT: 7.521 min Scan# 935

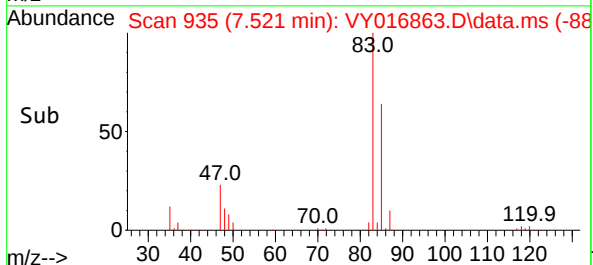
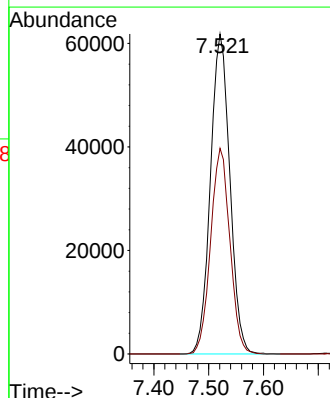
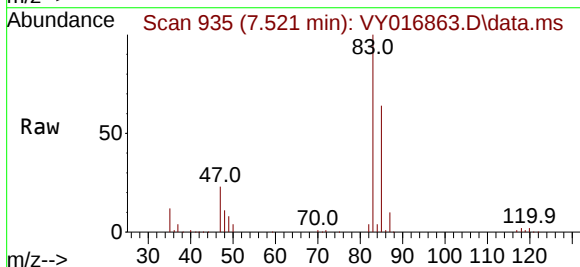
Delta R.T. 0.000 min

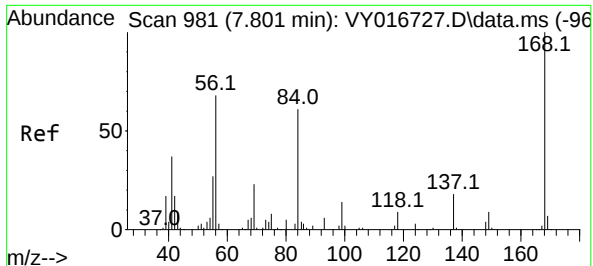
Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion: 83 Resp: 151696

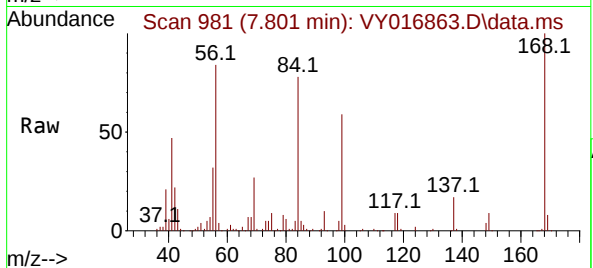
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





#31
Cyclohexane
Concen: 53.661 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

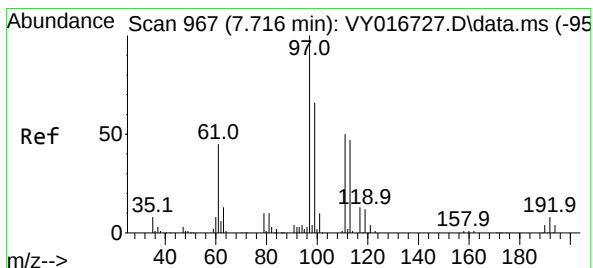
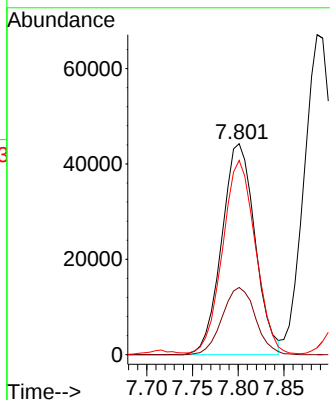
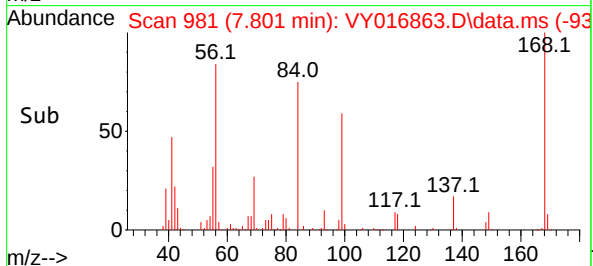
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



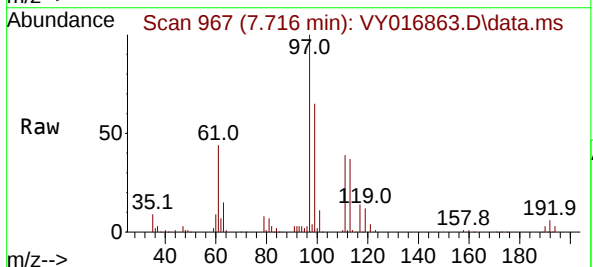
Tgt Ion: 56 Resp: 112085
Ion Ratio Lower Upper
56 100
69 31.9 27.0 40.6
84 91.2 71.8 107.6

Manual Integrations
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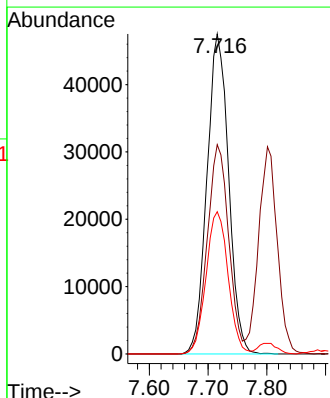
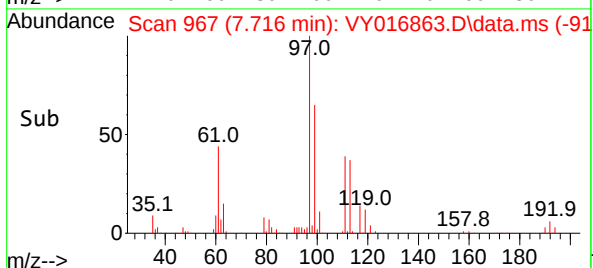
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

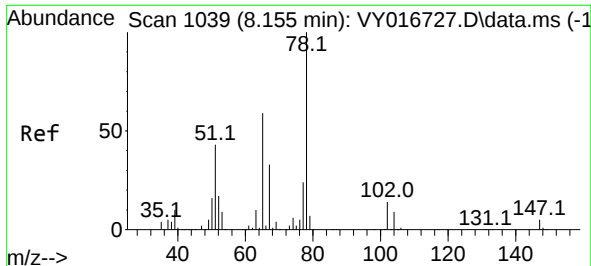


#32
1,1,1-Trichloroethane
Concen: 57.624 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



Tgt Ion: 97 Resp: 121519
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.3 35.0 52.6





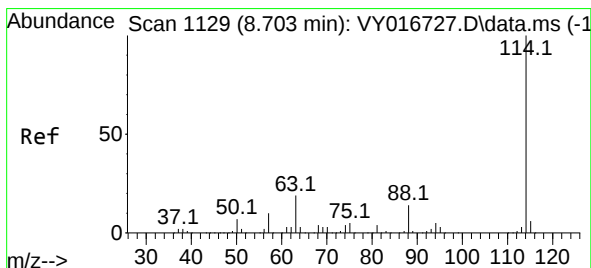
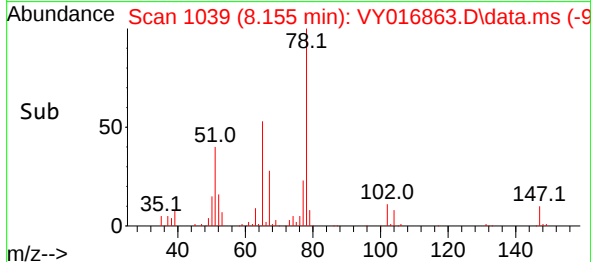
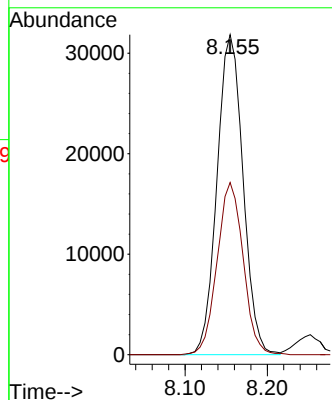
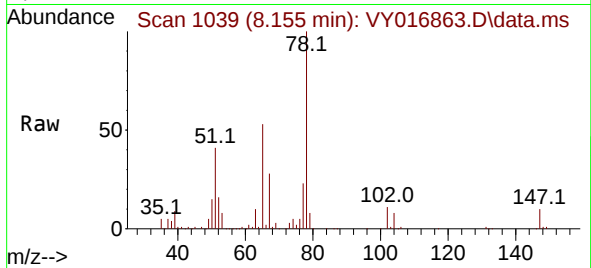
#33
1,2-Dichloroethane-d4
Concen: 64.346 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 70150
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

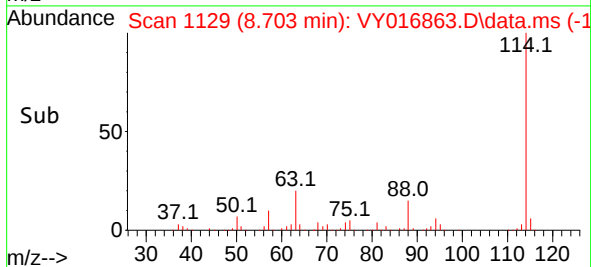
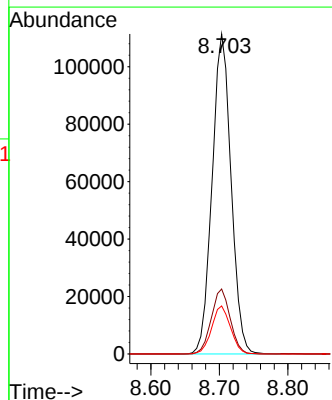
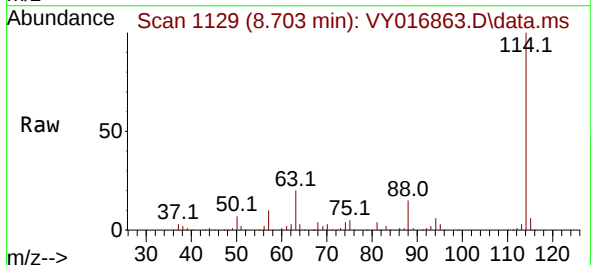
Manual Integrations
APPROVED

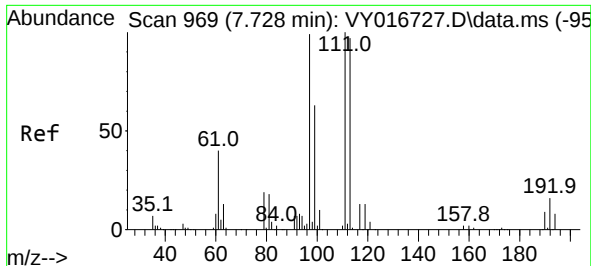
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:114 Resp: 213750
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.0 0.0 29.0





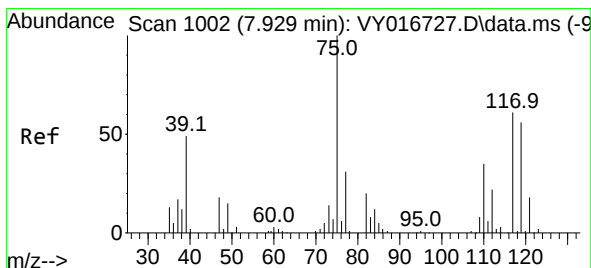
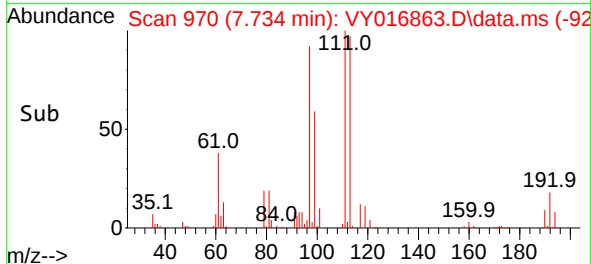
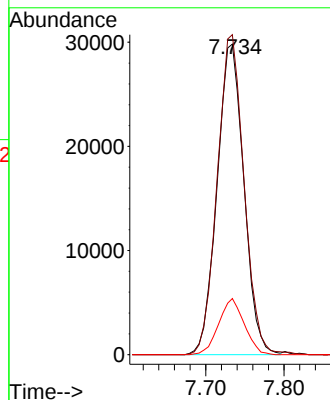
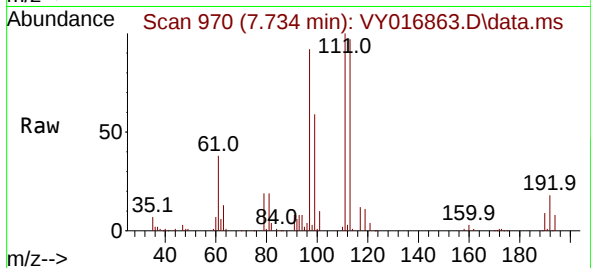
#35
Dibromofluoromethane
Concen: 57.917 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 70914
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.2 14.5 21.7

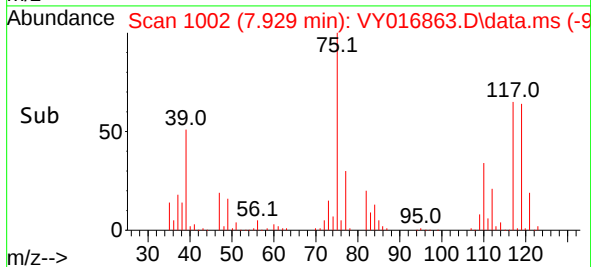
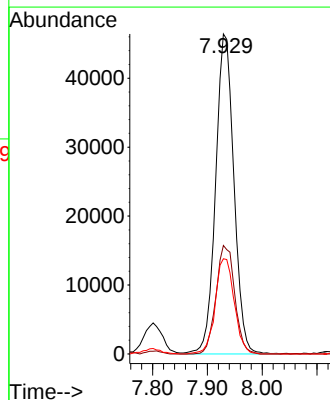
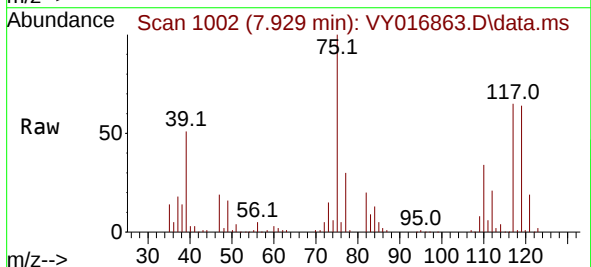
Manual Integrations
APPROVED

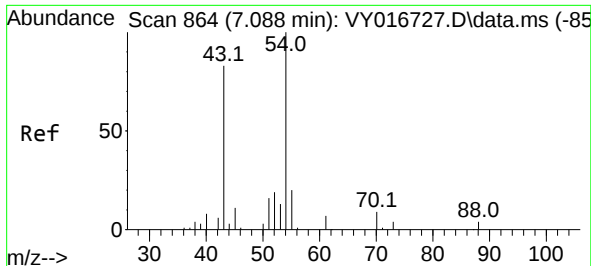
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#36
1,1-Dichloropropene
Concen: 54.976 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 107914
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 67.441 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

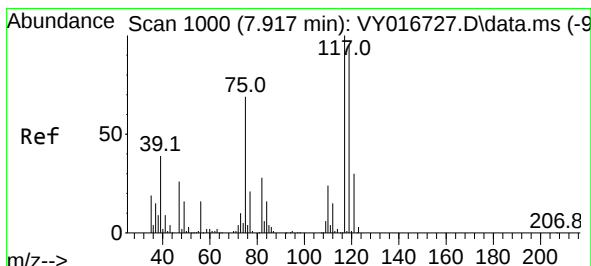
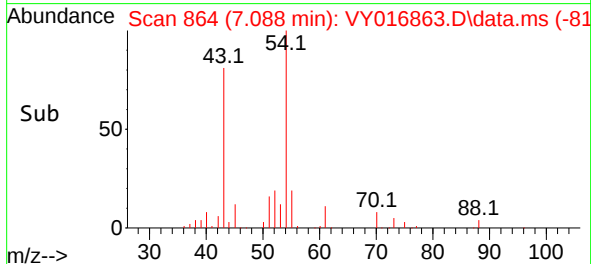
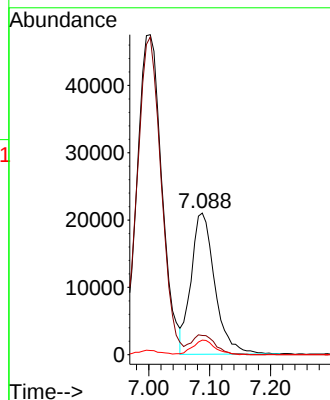
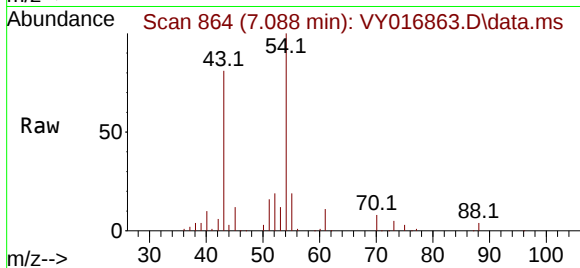
VSTDCCC050EC

Tgt Ion:	43	Resp:	5674
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.0	16.6
70	9.8	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#38

Carbon Tetrachloride

Concen: 53.355 ug/l

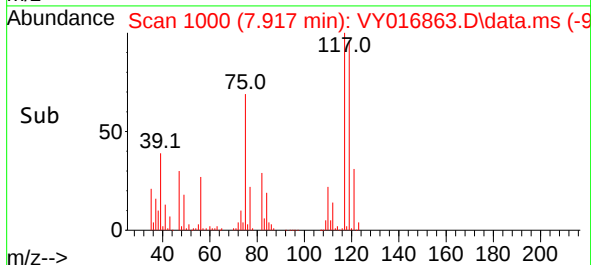
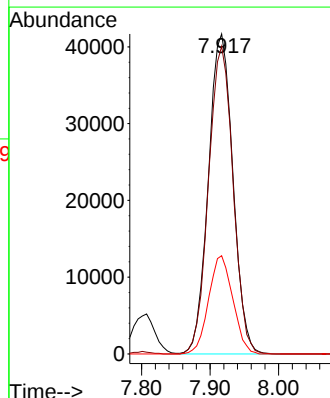
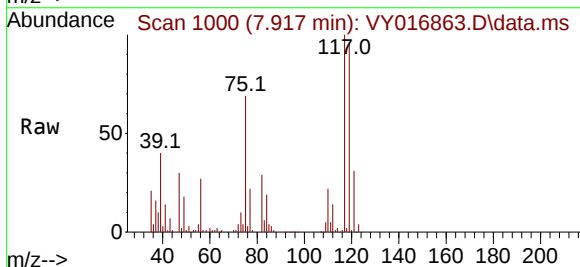
RT: 7.917 min Scan# 1000

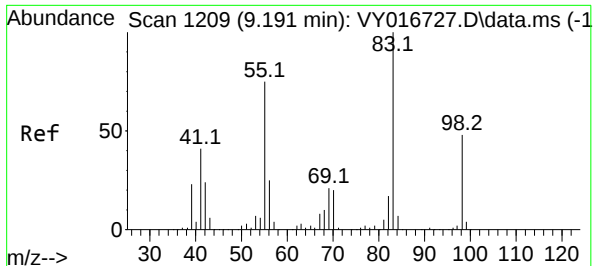
Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion:	117	Resp:	103636
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.0	114.0
121	30.7	24.2	36.2





#39

Methylcyclohexane

Concen: 53.353 ug/l

RT: 9.197 min Scan# 12091

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

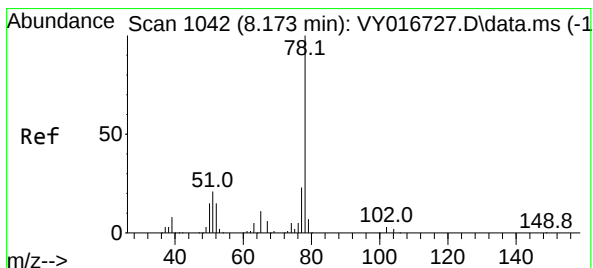
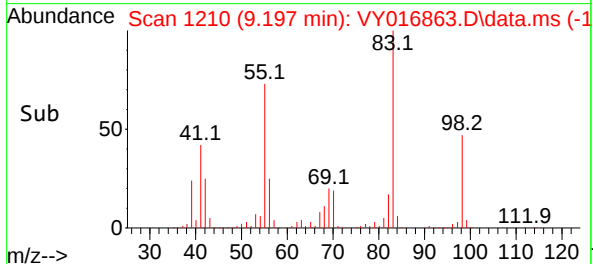
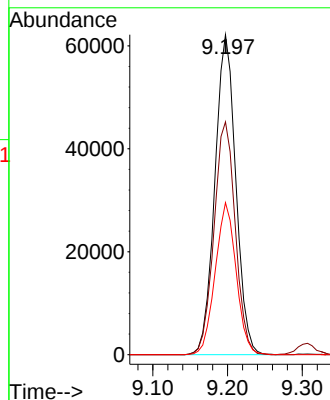
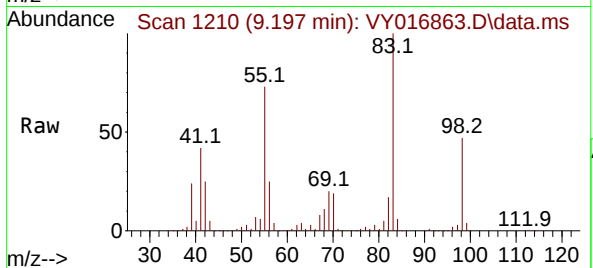
VSTDCCC050EC

Tgt Ion: 83 Resp: 120915
 Ion Ratio Lower Upper
 83 100
 55 72.8 59.7 89.5
 98 47.5 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
 Supervised By :Semsettin Yesilyurt 12/29/2023



#40

Benzene

Concen: 58.826 ug/l

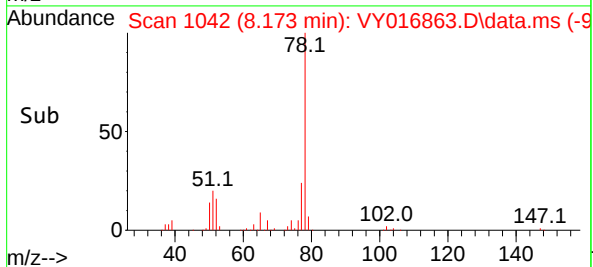
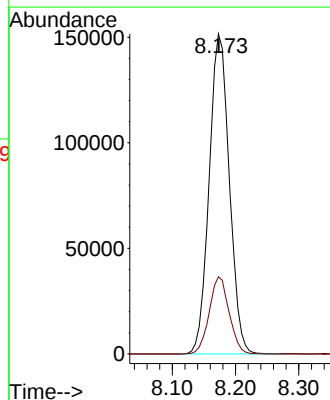
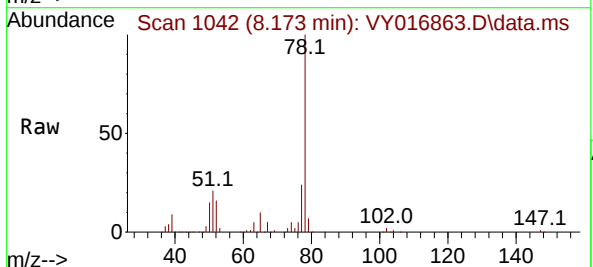
RT: 8.173 min Scan# 1042

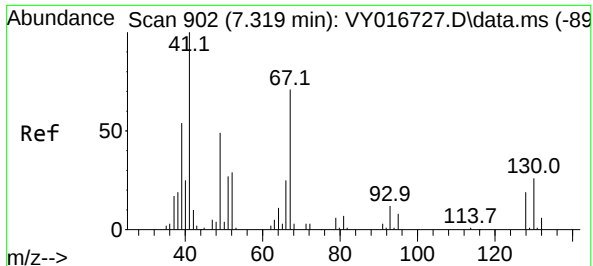
Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

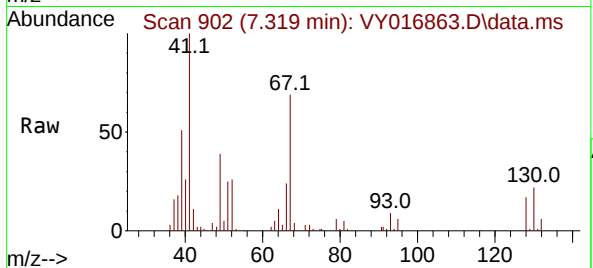
Tgt Ion: 78 Resp: 336026
 Ion Ratio Lower Upper
 78 100
 77 24.1 18.8 28.2





#41
Methacrylonitrile
Concen: 61.729 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

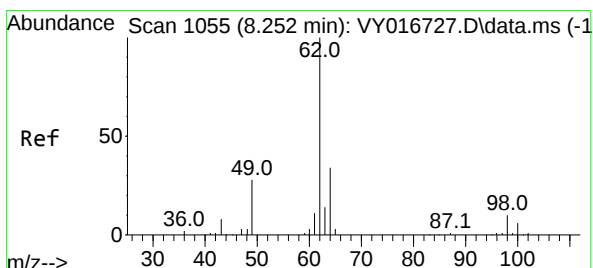
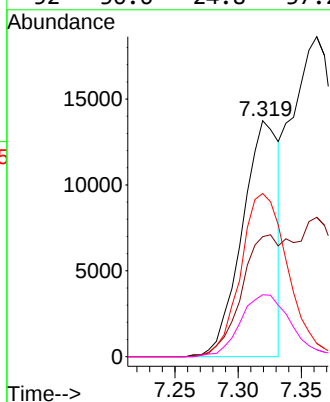
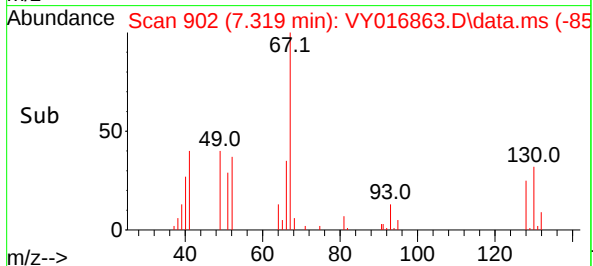
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	2757
Ion Ratio	100	Lower	Upper
39	52.8	41.9	62.9
67	89.8	59.8	89.6
52	36.6	24.8	37.2

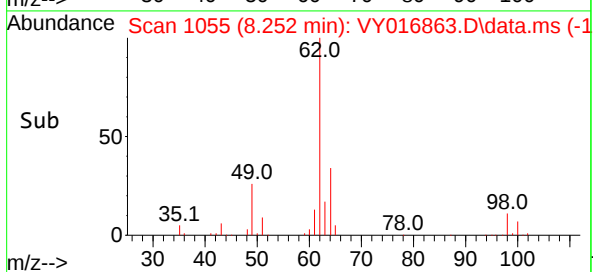
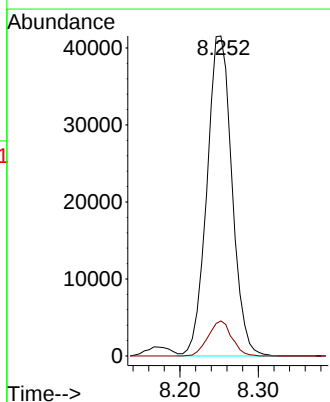
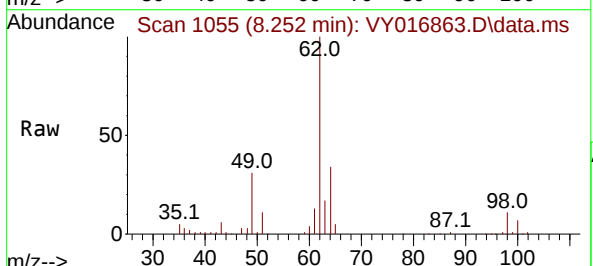
Manual Integrations
APPROVED

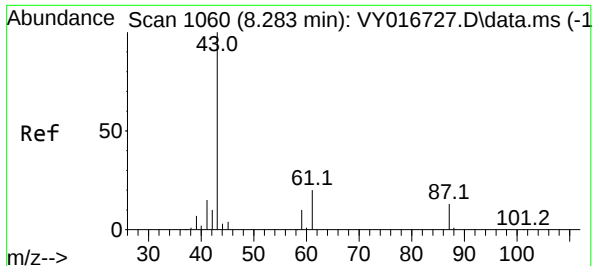
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#42
1,2-Dichloroethane
Concen: 61.907 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:	62	Resp:	92258
Ion Ratio	100	Lower	Upper
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 64.666 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

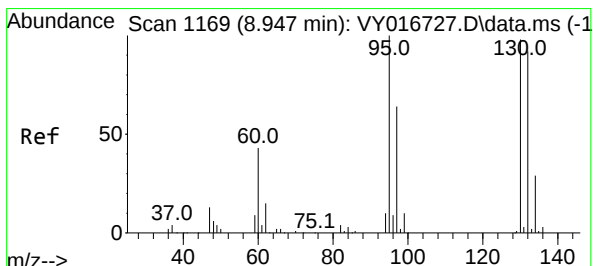
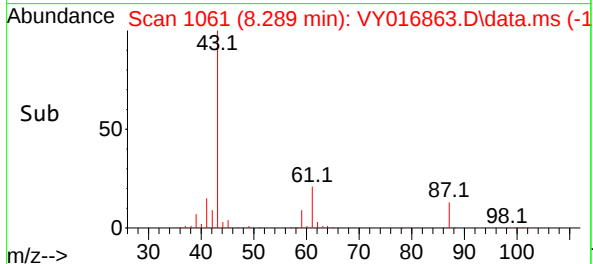
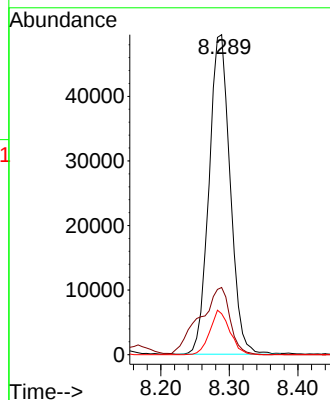
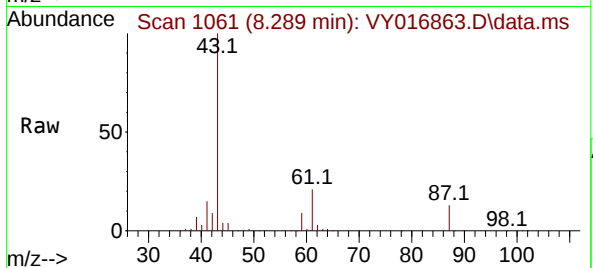
VSTDCCC050EC

Tgt Ion: 43	Resp: 105670
Ion Ratio	Lower Upper
43	100
61	30.3 24.8 37.2
87	13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#44

Trichloroethene

Concen: 55.412 ug/l

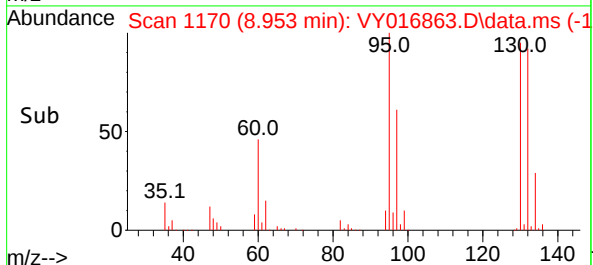
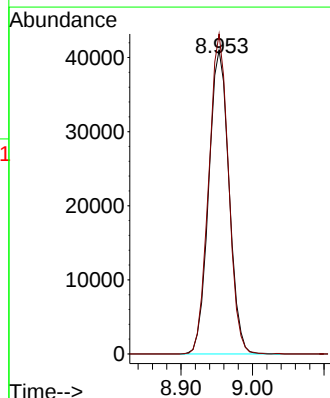
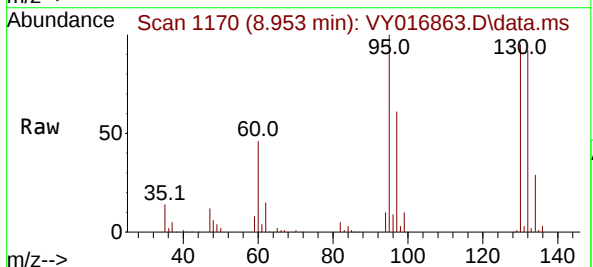
RT: 8.953 min Scan# 1170

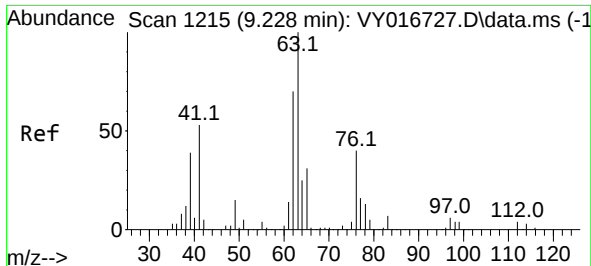
Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion:130	Resp: 80787
Ion Ratio	Lower Upper
130	100
95	105.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 60.075 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8608

Ion Ratio Lower Upper

63 100

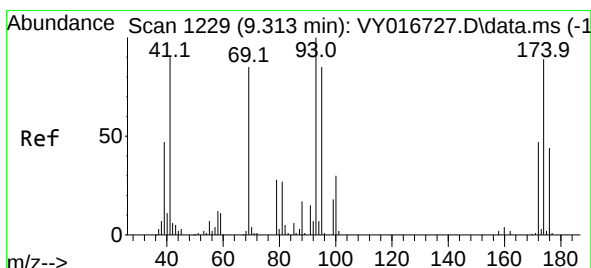
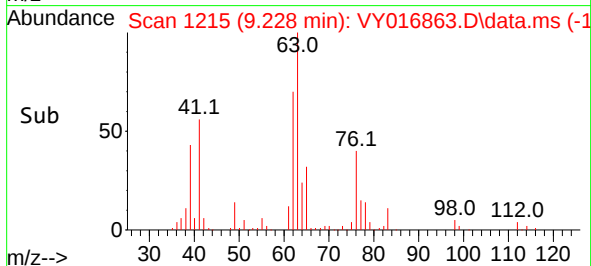
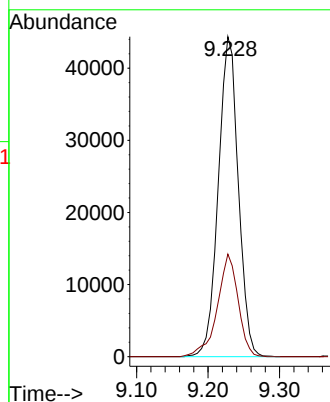
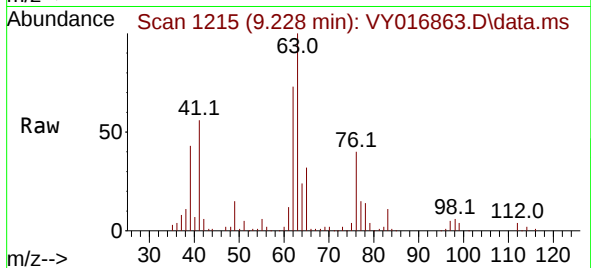
65 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#46

Dibromomethane

Concen: 62.063 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

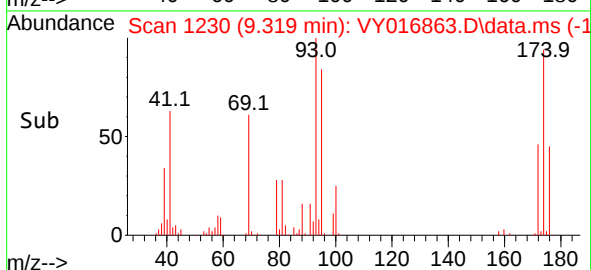
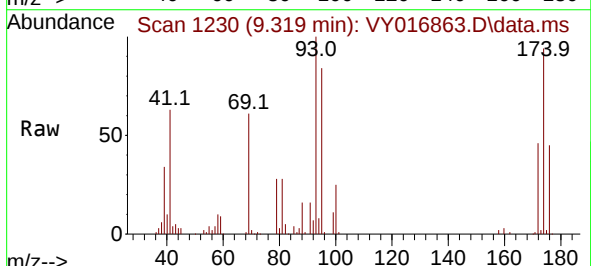
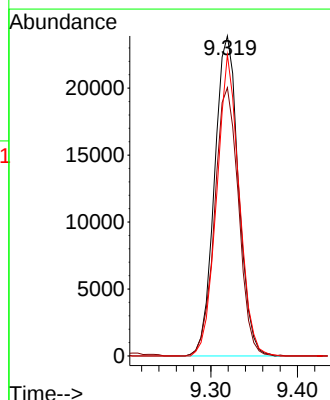
Tgt Ion: 93 Resp: 45941

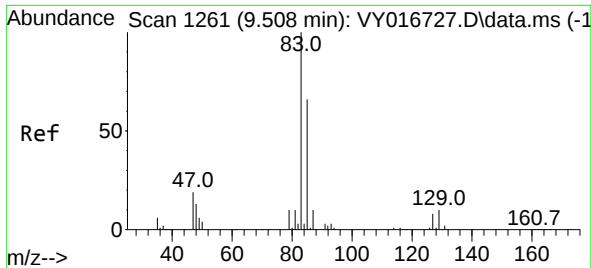
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

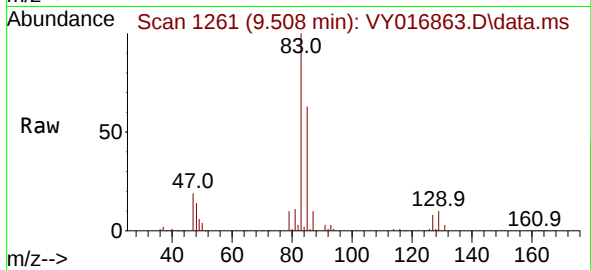
174 88.3 73.8 110.6





#47
Bromodichloromethane
Concen: 60.741 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

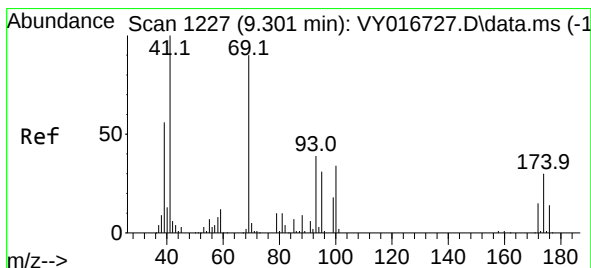
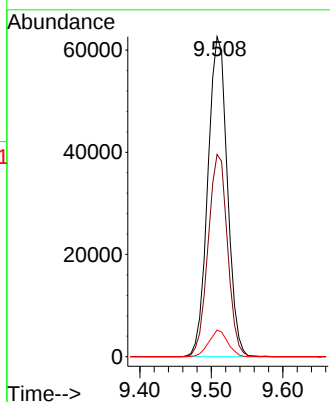
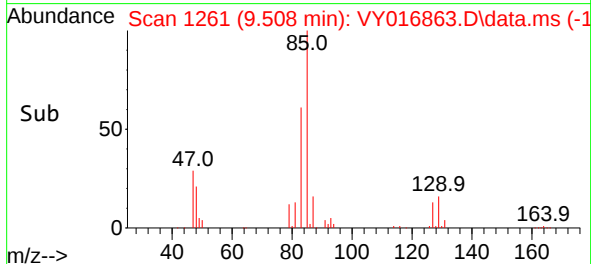
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 118500
Ion Ratio Lower Upper
83 100
85 63.2 53.2 79.8
127 8.4 6.4 9.6

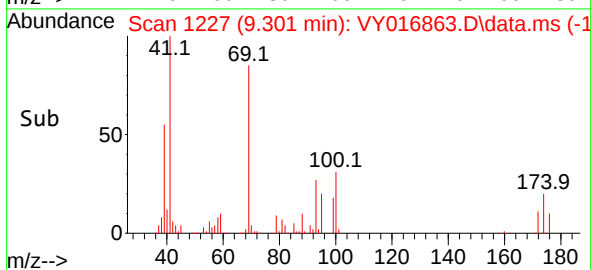
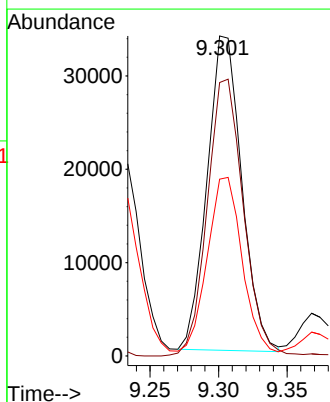
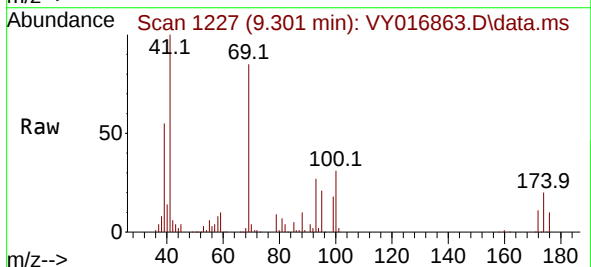
Manual Integrations
APPROVED

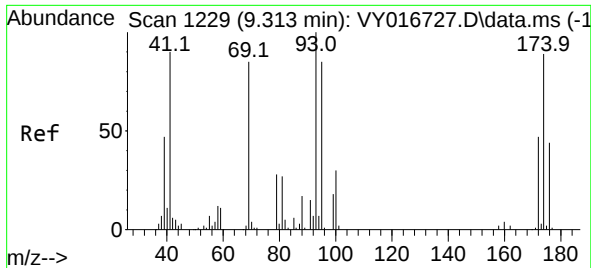
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#48
Methyl methacrylate
Concen: 65.237 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

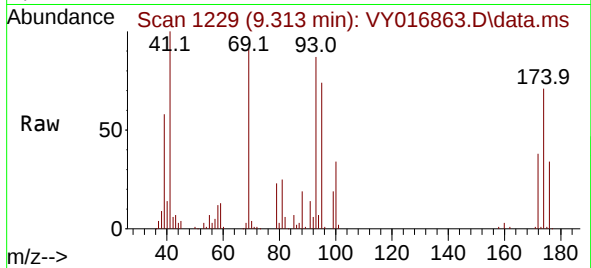
Tgt Ion: 41 Resp: 59247
Ion Ratio Lower Upper
41 100
69 92.5 72.1 108.1
39 58.1 42.8 64.2





#49
1,4-Dioxane
Concen: 1462.989 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

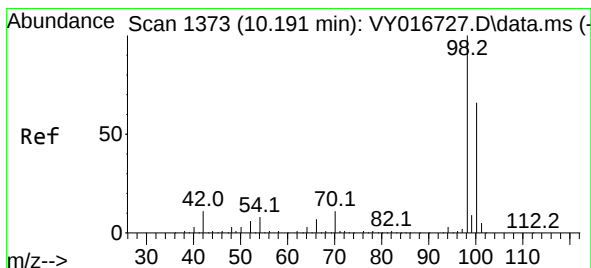
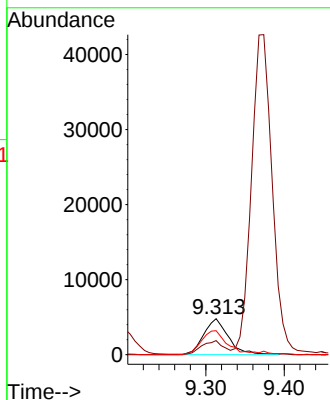
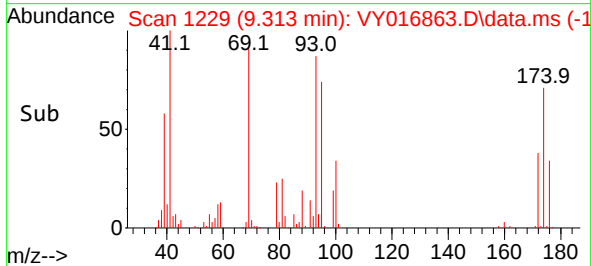
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1051
Ion Ratio Lower Upper
88 100
43 32.6 28.2 42.4
58 68.9 52.2 78.2

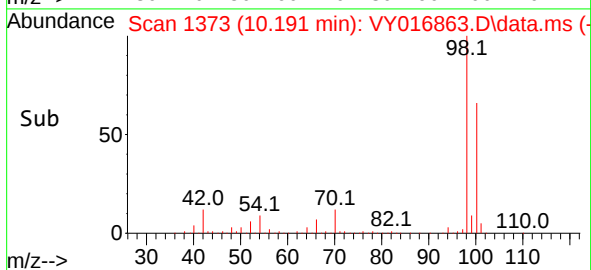
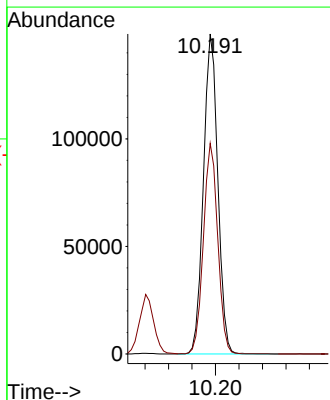
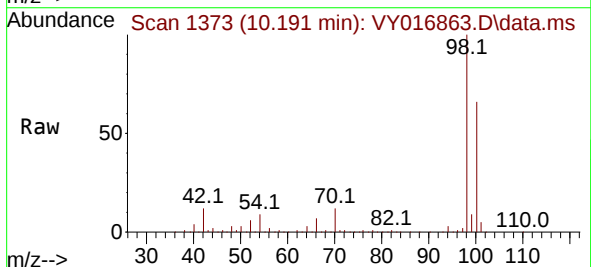
Manual Integrations
APPROVED

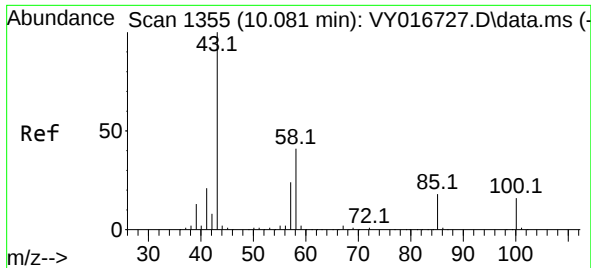
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#50
Toluene-d8
Concen: 57.269 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 98 Resp: 252777
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





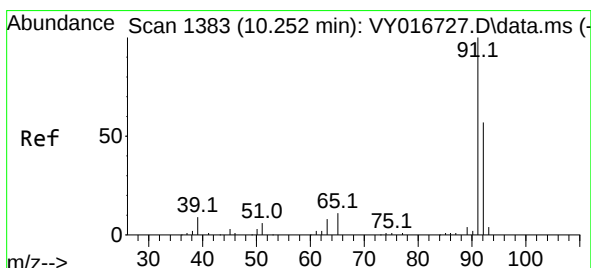
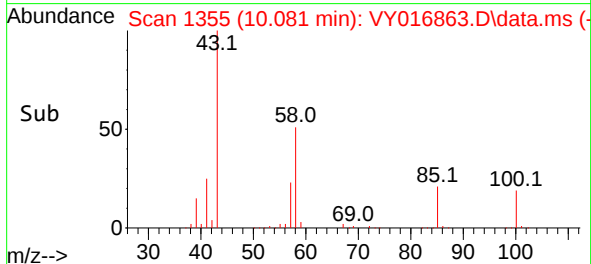
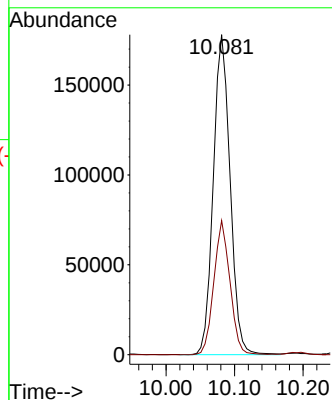
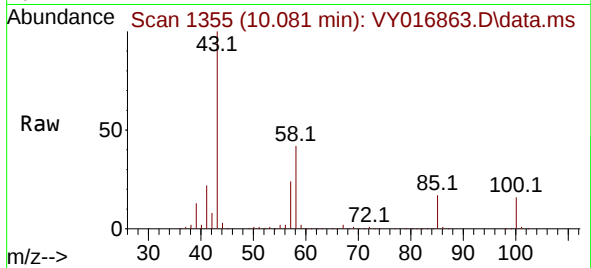
#51
4-Methyl-2-Pentanone
Concen: 348.234 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30319
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2

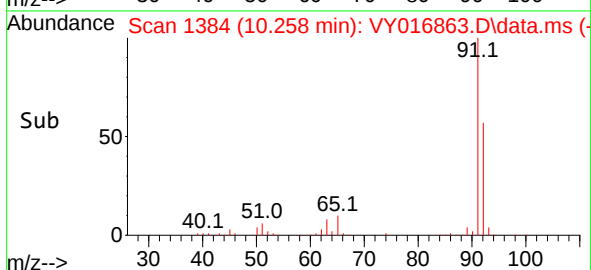
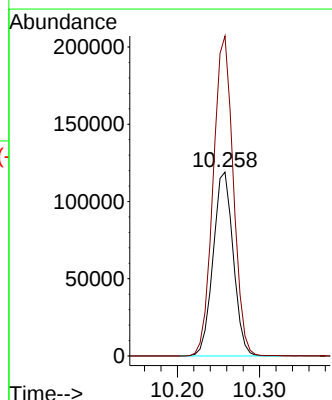
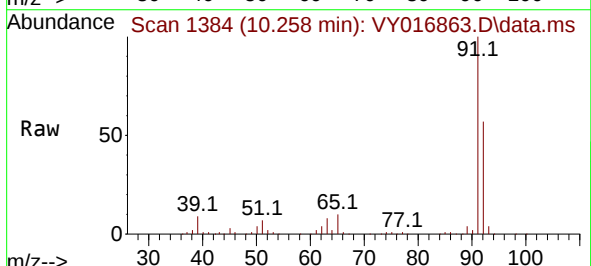
Manual Integrations
APPROVED

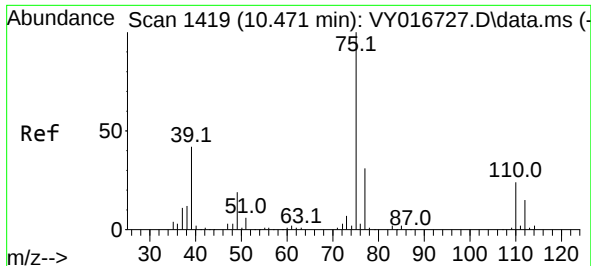
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#52
Toluene
Concen: 58.984 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

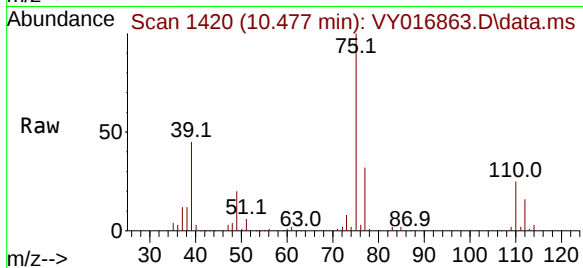
Tgt Ion: 92 Resp: 201910
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 61.556 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

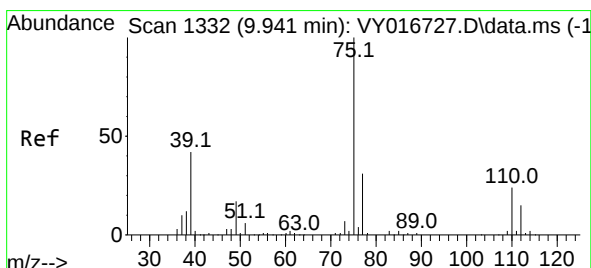
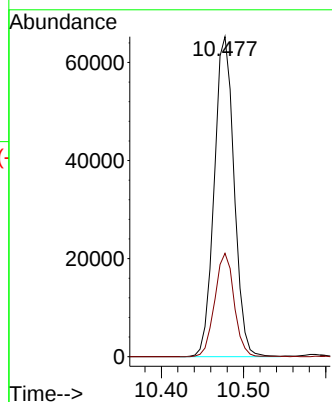
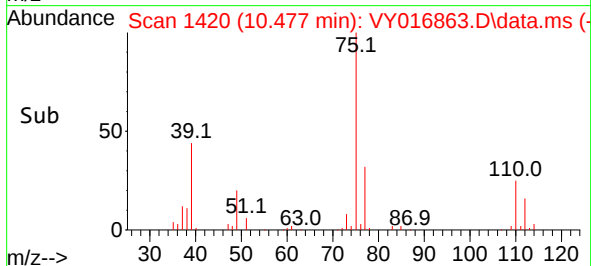
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 109508
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8

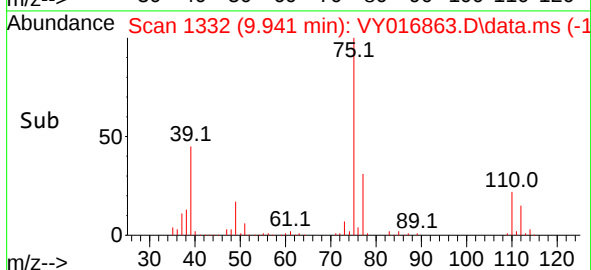
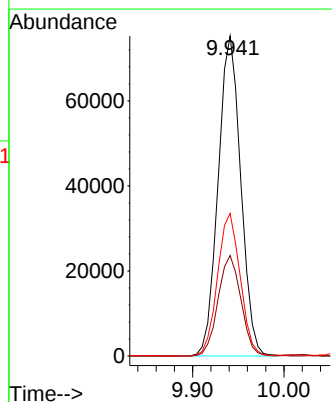
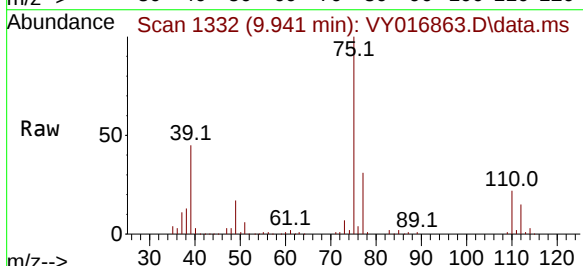
Manual Integrations
APPROVED

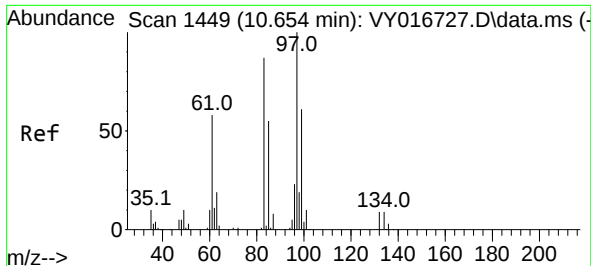
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#54
cis-1,3-Dichloropropene
Concen: 60.295 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

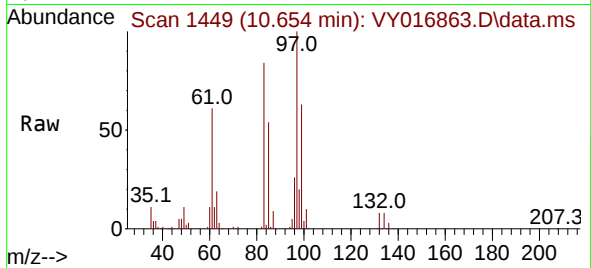
Tgt Ion: 75 Resp: 129384
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 44.6 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 62.236 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

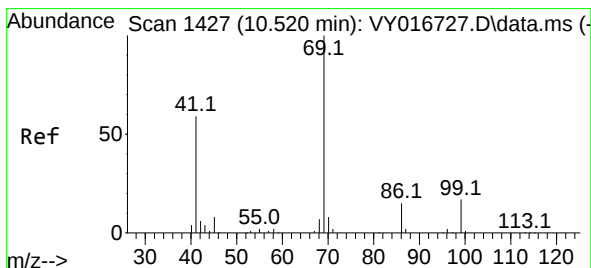
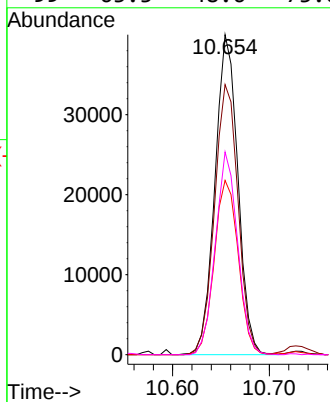
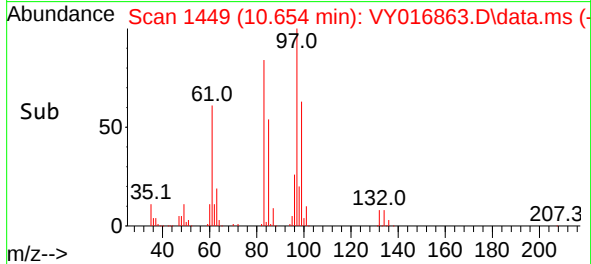
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97	Resp: 6572
Ion Ratio	Lower Upper
97 100	
83 84.4	69.4 104.2
85 54.5	43.9 65.9
99 63.3	48.6 73.0

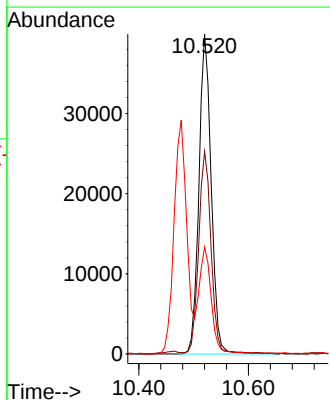
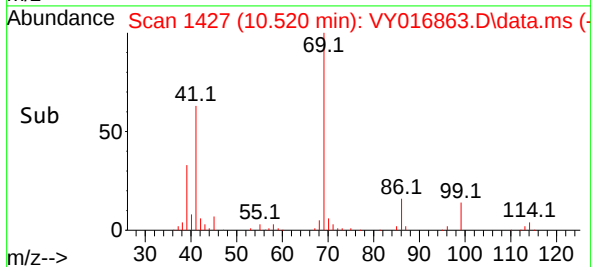
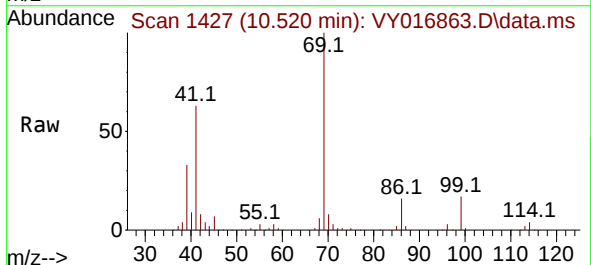
Manual Integrations
APPROVED

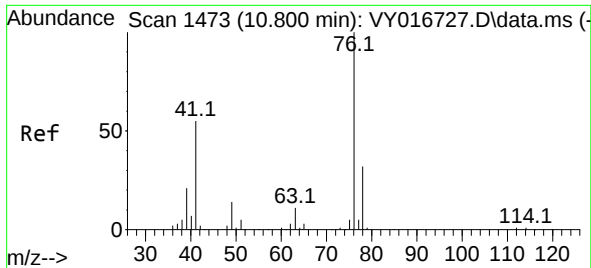
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#56
Ethyl methacrylate
Concen: 66.912 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 69	Resp: 62141
Ion Ratio	Lower Upper
69 100	
41 62.5	49.2 73.8
39 32.2	26.8 40.2





#57

1,3-Dichloropropane

Concen: 62.459 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11204

Ion Ratio Lower Upper

76 100

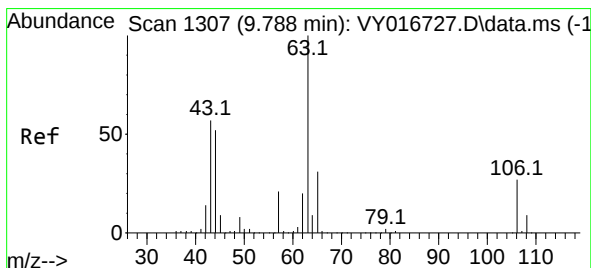
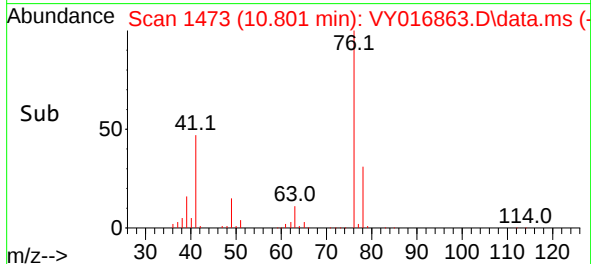
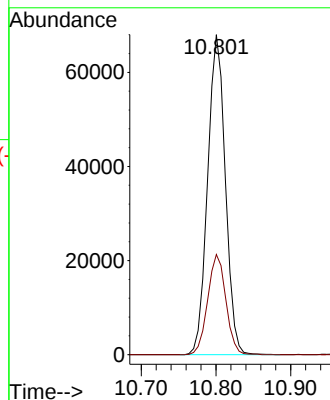
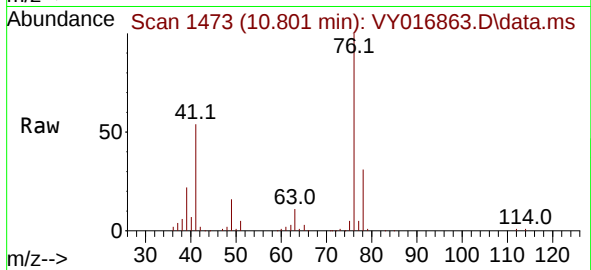
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 320.842 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016863.D

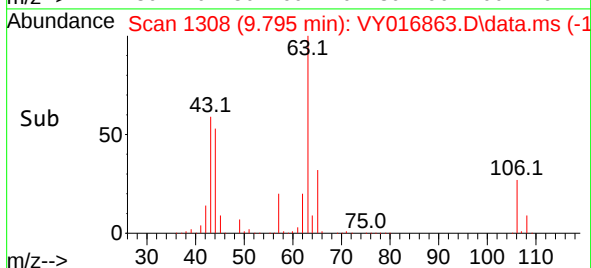
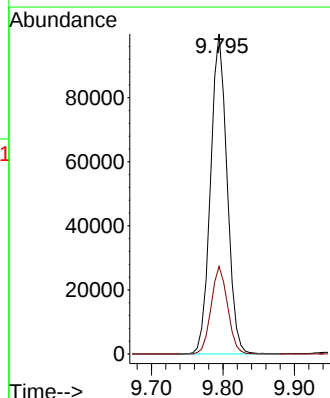
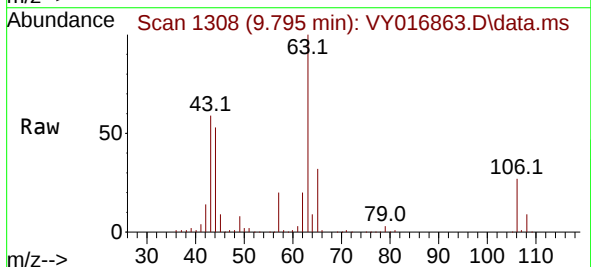
Acq: 26 Dec 2023 19:12

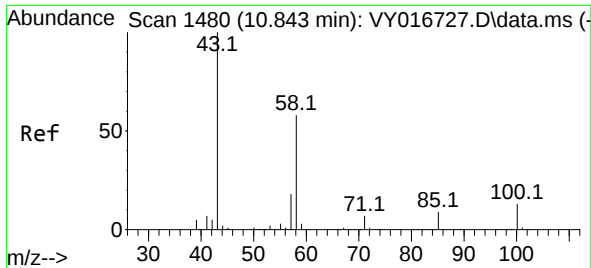
Tgt Ion: 63 Resp: 160291

Ion Ratio Lower Upper

63 100

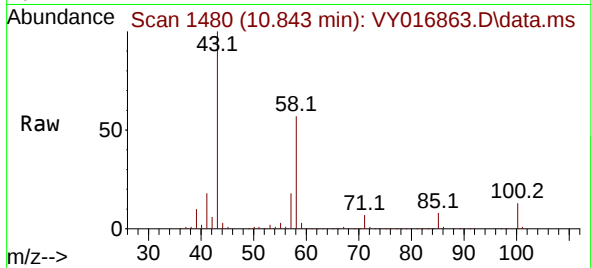
106 27.2 22.4 33.6





#59
2-Hexanone
Concen: 318.095 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

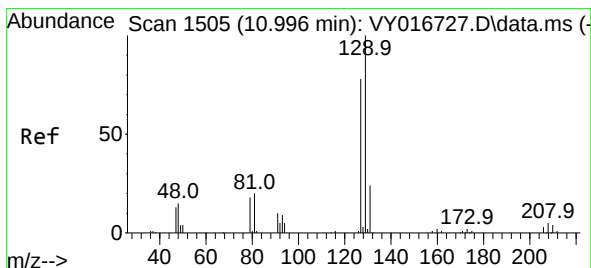
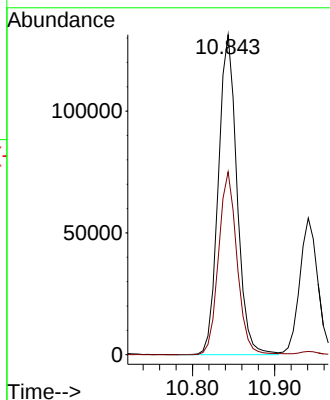
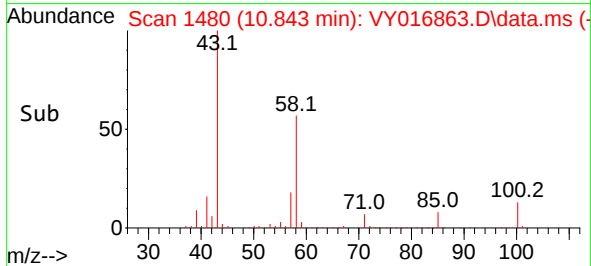
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20651
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3

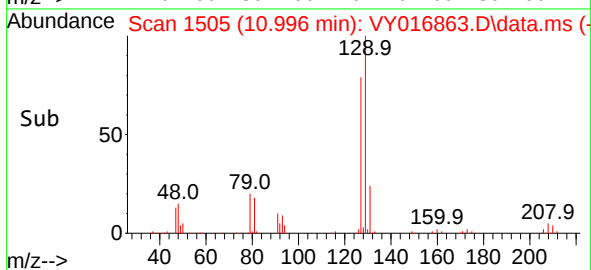
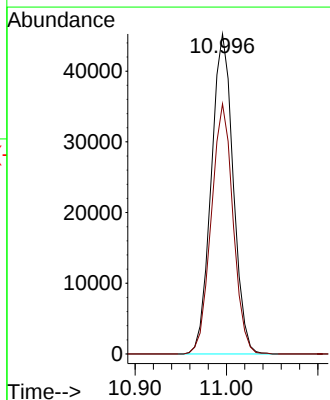
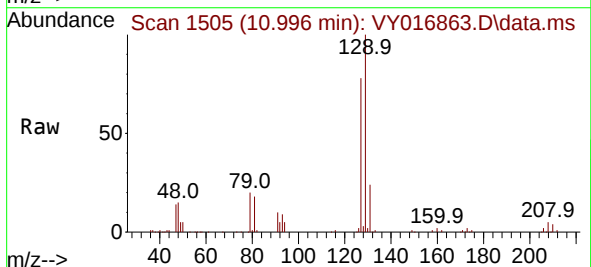
Manual Integrations
APPROVED

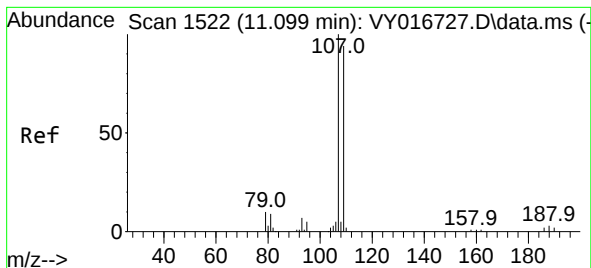
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#60
Dibromochloromethane
Concen: 61.774 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

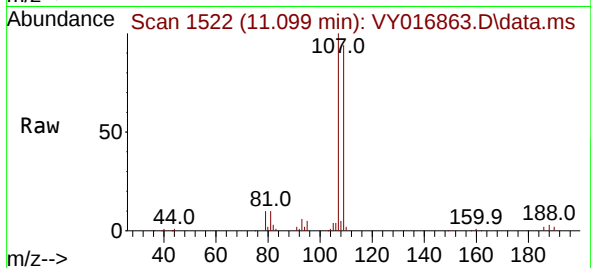
Tgt Ion:129 Resp: 75472
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 63.067 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

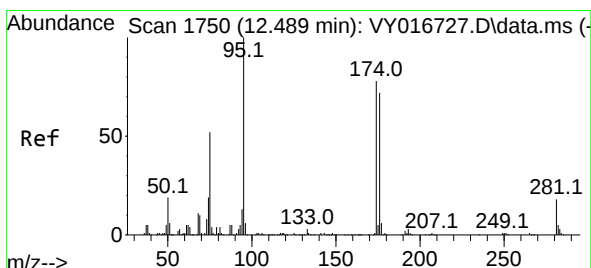
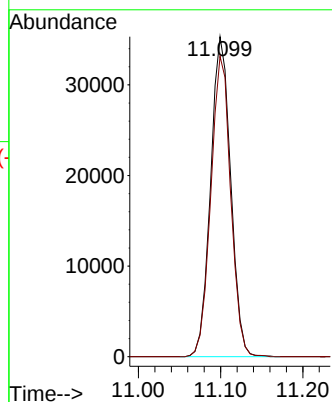
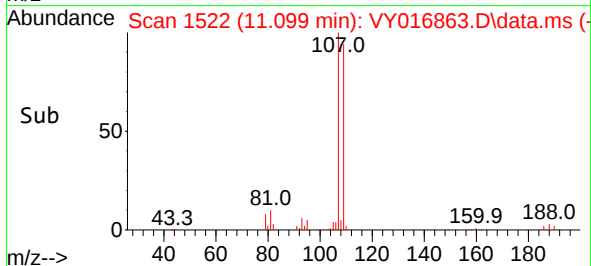
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



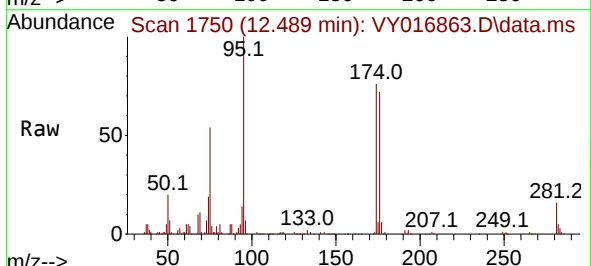
Tgt Ion:107 Resp: 5973
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2

Manual Integrations
APPROVED

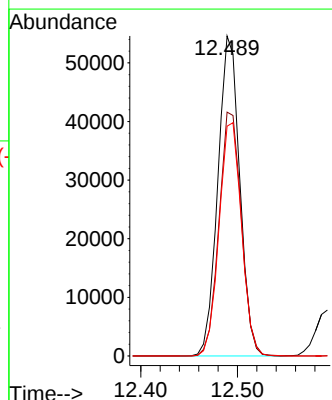
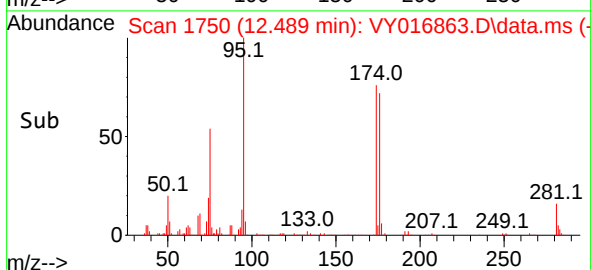
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

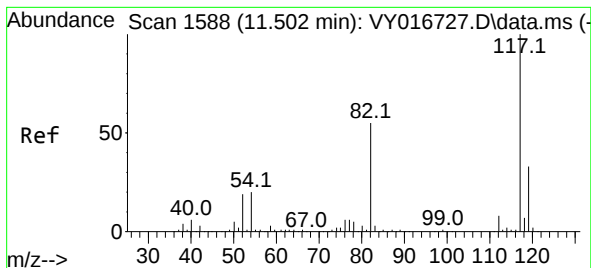


#62
4-Bromofluorobenzene
Concen: 59.750 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



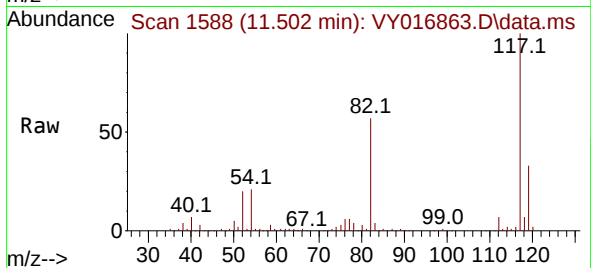
Tgt Ion: 95 Resp: 85562
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.8 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

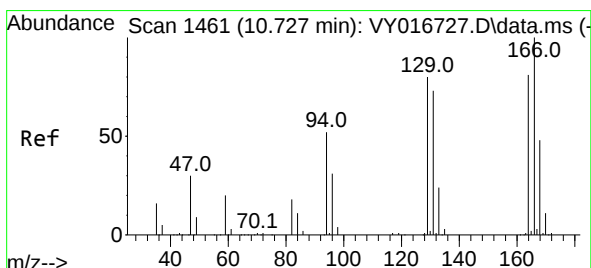
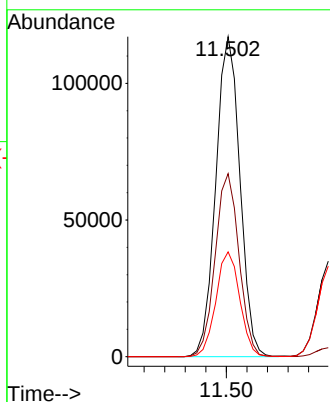
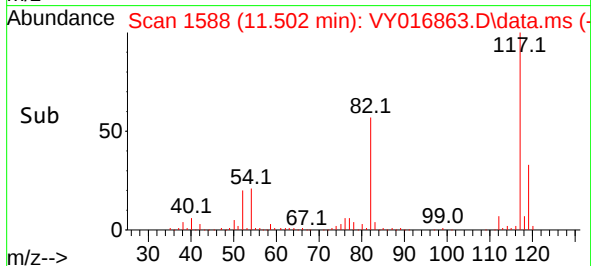
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



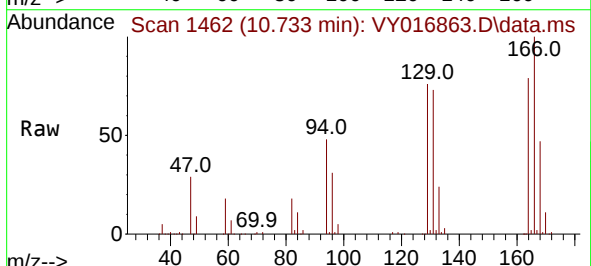
Tgt Ion:117 Resp: 190725
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.8 26.5 39.7

Manual Integrations
APPROVED

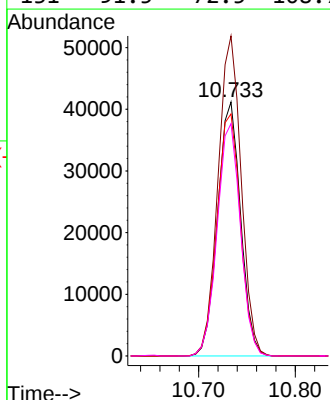
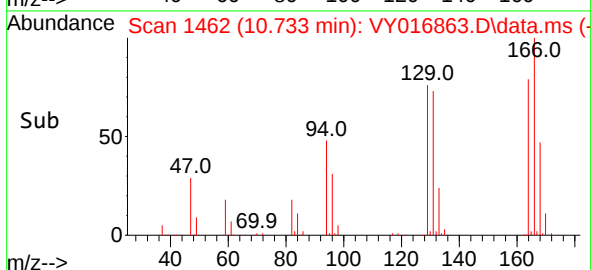
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

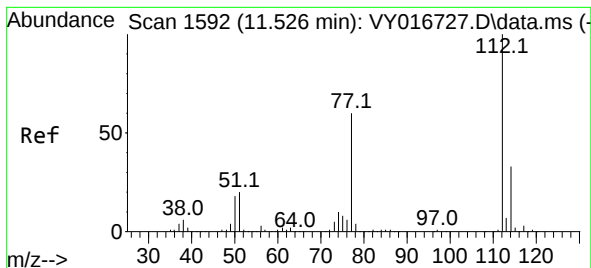


#64
Tetrachloroethene
Concen: 57.434 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



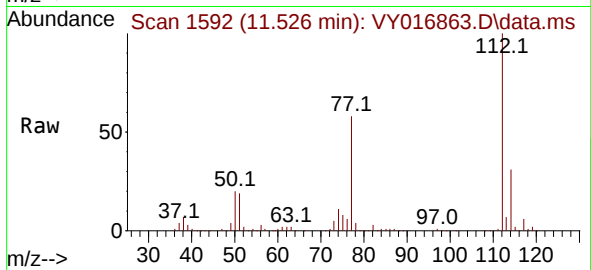
Tgt Ion:164 Resp: 68046
Ion Ratio Lower Upper
164 100
166 126.0 98.8 148.2
129 95.3 78.9 118.3
131 91.5 72.5 108.7





#65
Chlorobenzene
Concen: 56.929 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

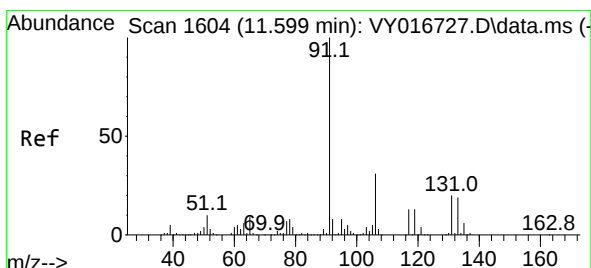
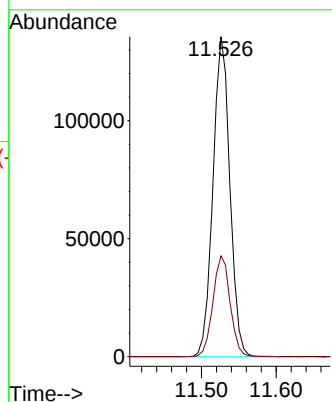
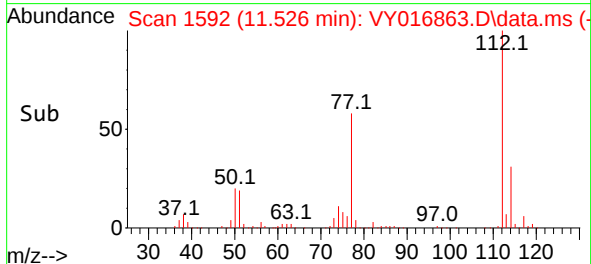
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



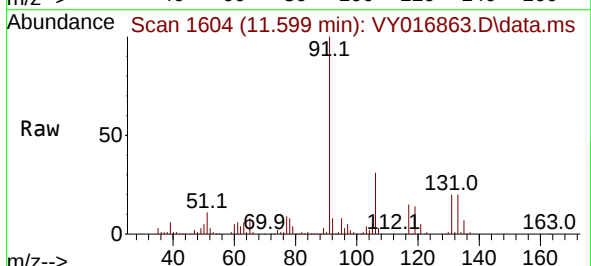
Tgt Ion:112 Resp: 213329
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1

Manual Integrations
APPROVED

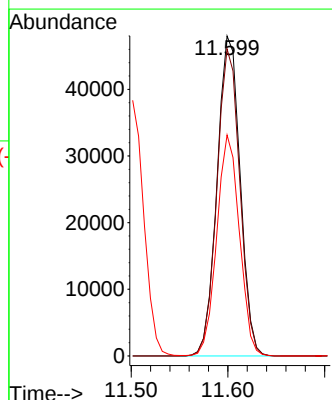
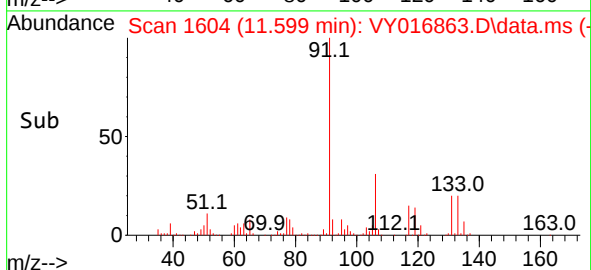
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

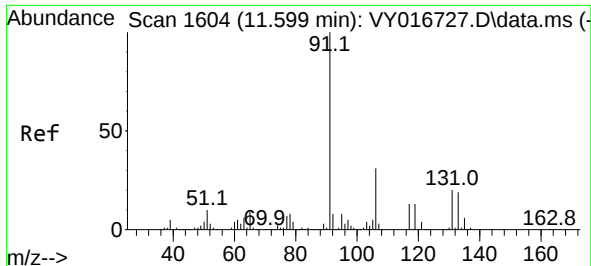


#66
1,1,1,2-Tetrachloroethane
Concen: 56.408 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



Tgt Ion:131 Resp: 79529
Ion Ratio Lower Upper
131 100
133 95.3 47.0 141.0
119 67.8 33.3 99.9





#67

Ethyl Benzene

Concen: 56.246 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 387938

Ion Ratio Lower Upper

91 100

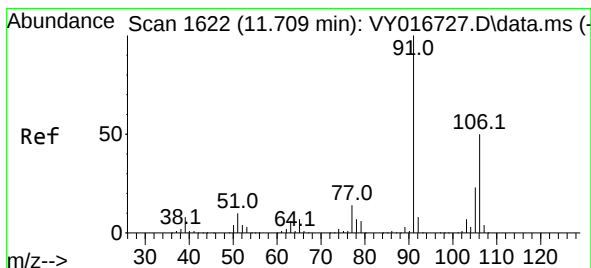
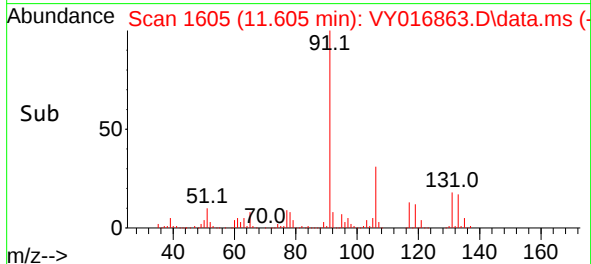
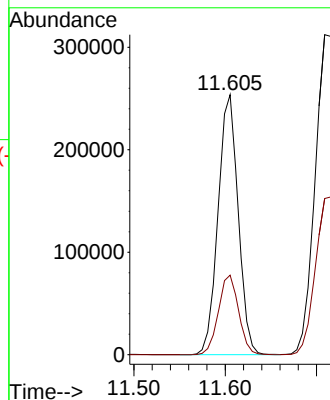
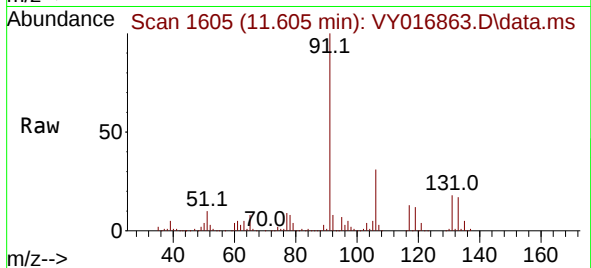
106 30.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#68

m/p-Xylenes

Concen: 113.560 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016863.D

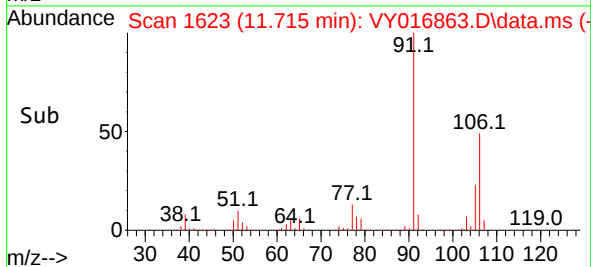
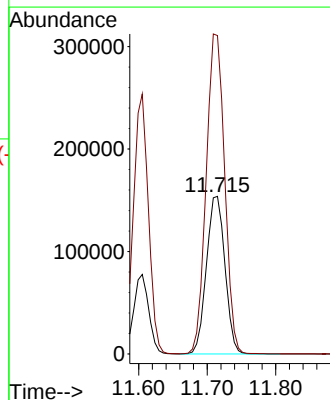
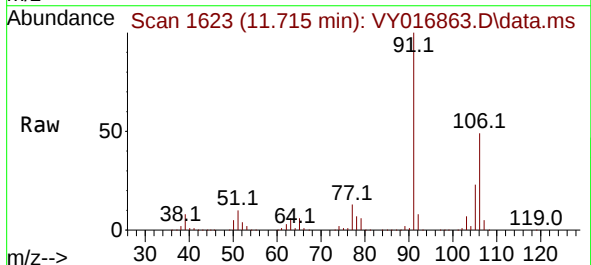
Acq: 26 Dec 2023 19:12

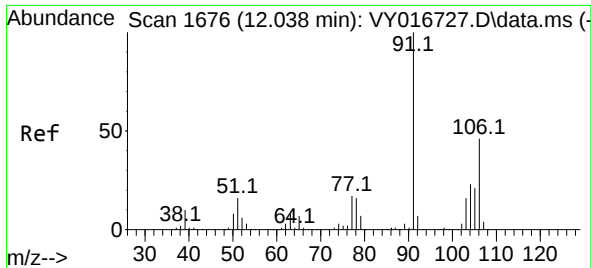
Tgt Ion:106 Resp: 289227

Ion Ratio Lower Upper

106 100

91 202.3 160.7 241.1





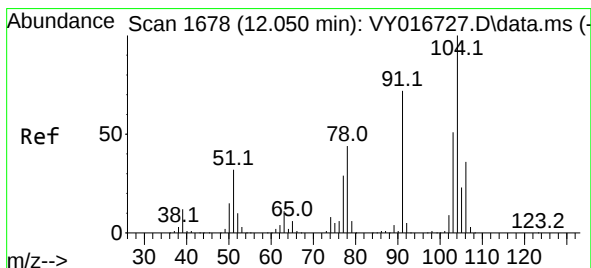
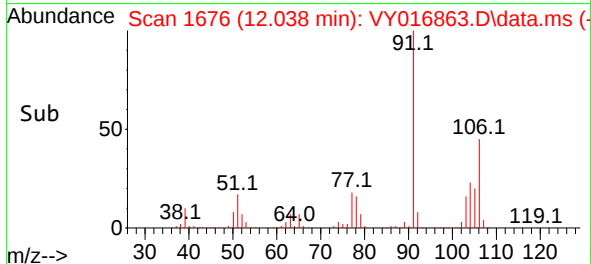
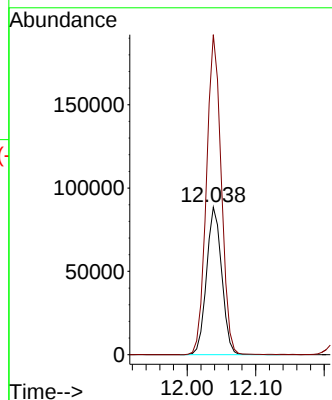
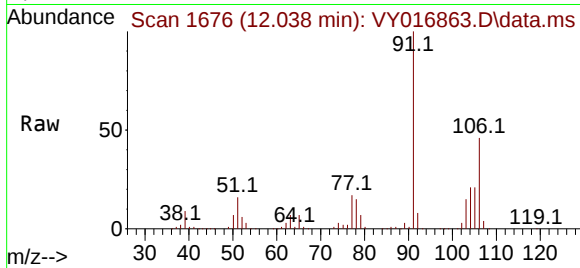
#69
o-Xylene
Concen: 58.522 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 136740
Ion Ratio Lower Upper
106 100
91 211.9 106.5 319.5

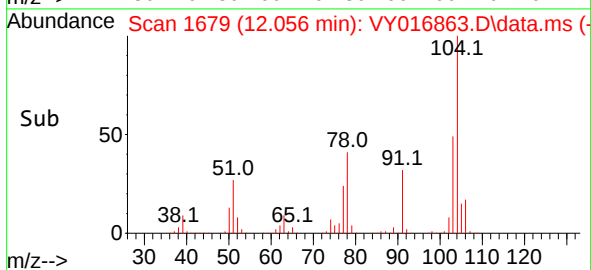
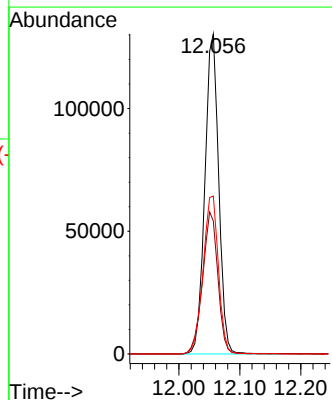
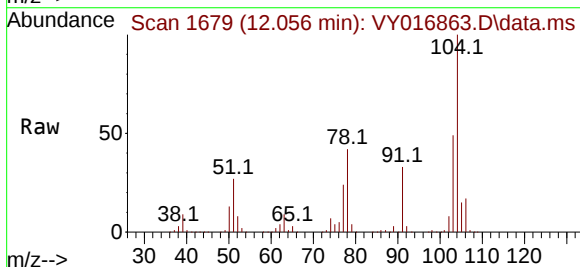
Manual Integrations
APPROVED

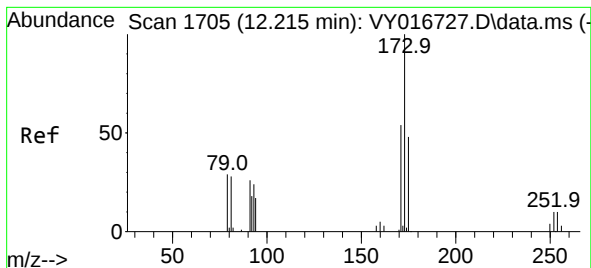
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#70
Styrene
Concen: 59.673 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:104 Resp: 206320
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 54.9 43.8 65.6





#71

Bromoform

Concen: 60.369 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016863.D

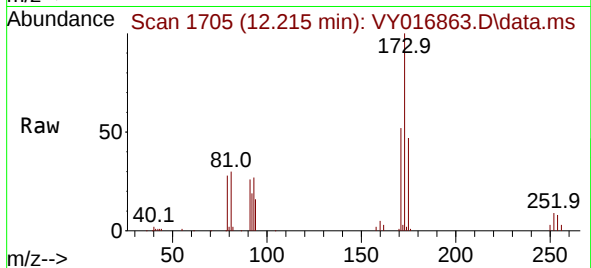
Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 4243

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.6

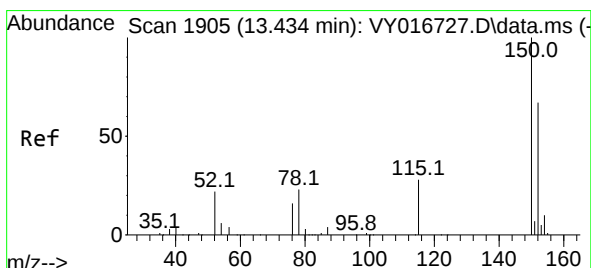
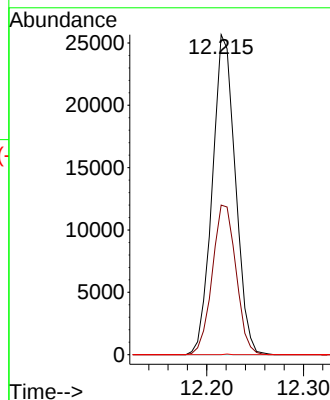
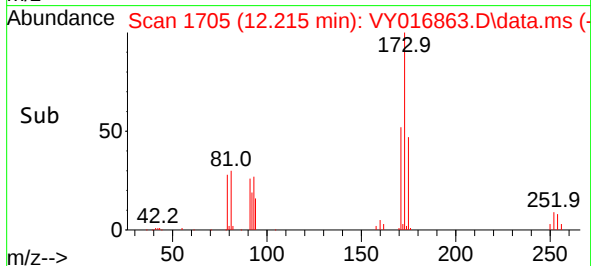
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

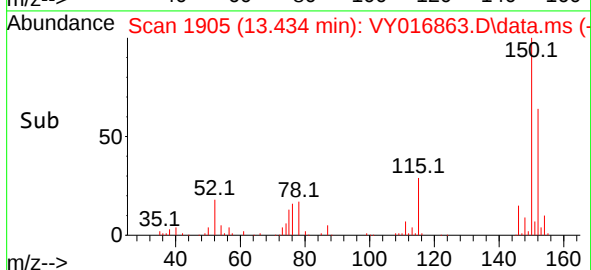
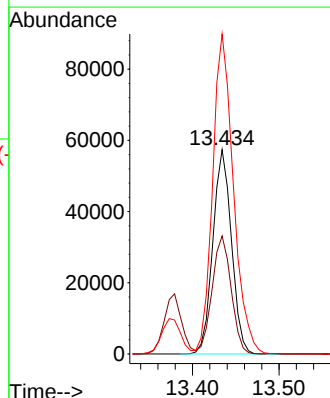
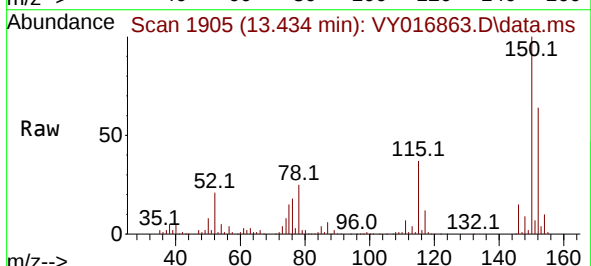
Tgt Ion:152 Resp: 85622

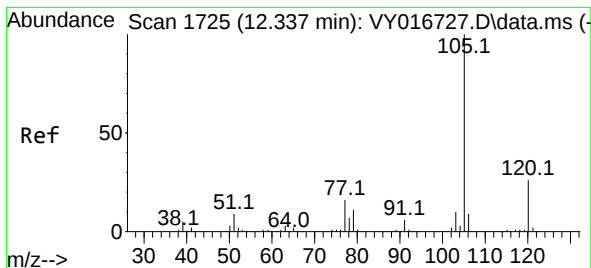
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 174.7 0.0 344.6





#73

Isopropylbenzene

Concen: 53.961 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 359830

Ion Ratio Lower Upper

105 100

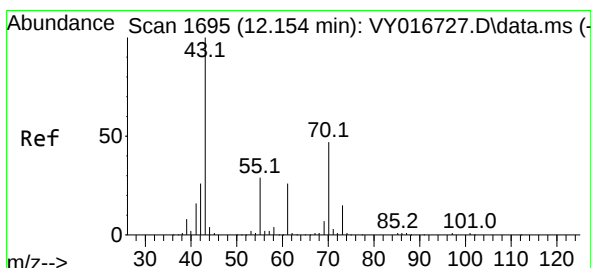
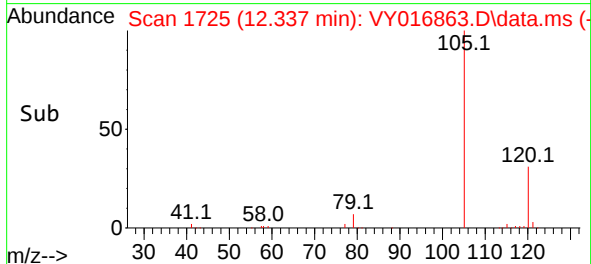
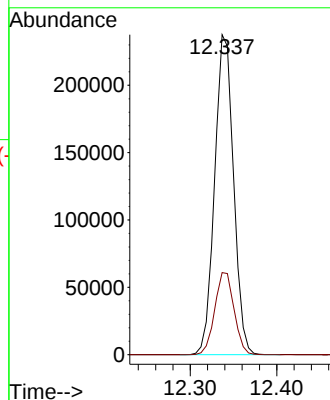
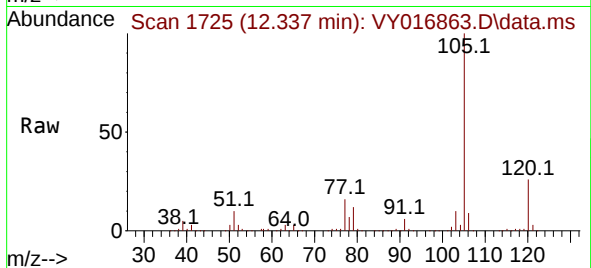
120 26.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#74

N-ethyl acetate

Concen: 60.243 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion: 43 Resp: 84307

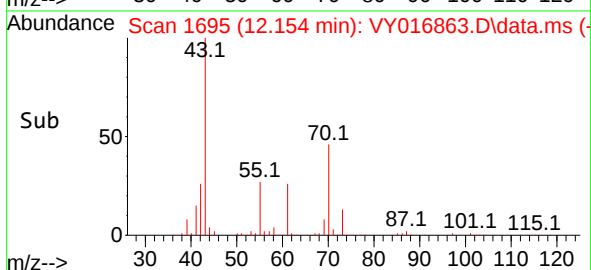
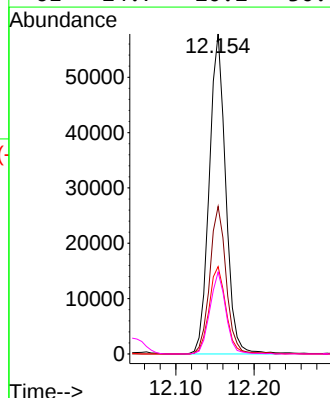
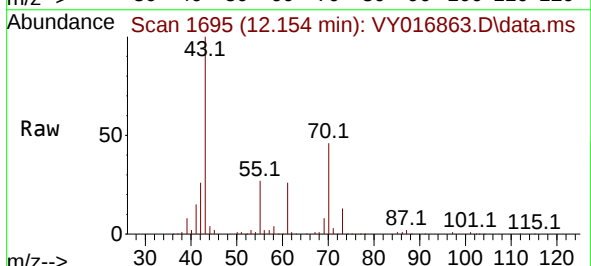
Ion Ratio Lower Upper

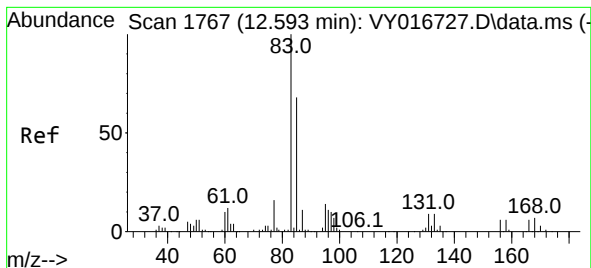
43 100

70 45.8 36.6 55.0

55 28.1 22.2 33.4

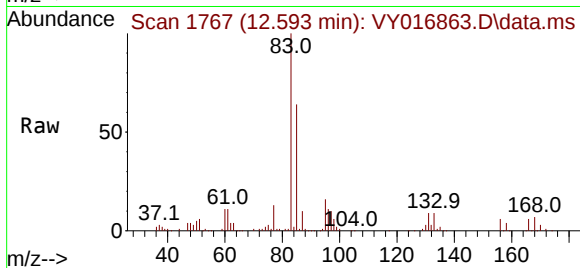
61 24.7 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 58.730 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

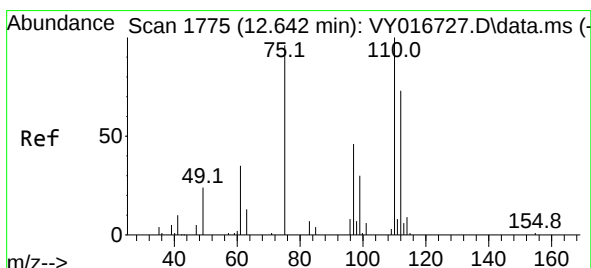
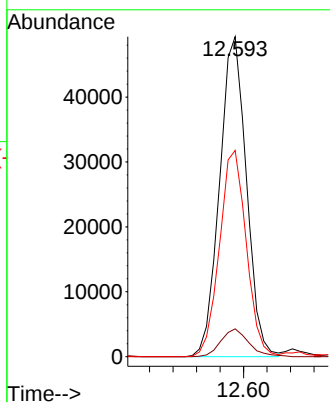
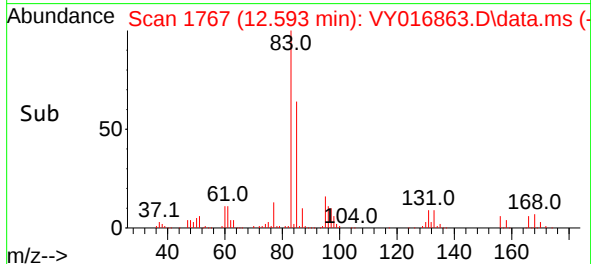
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 7826
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.6
85 64.4 32.6 98.0

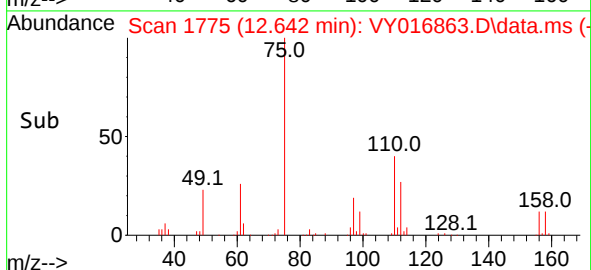
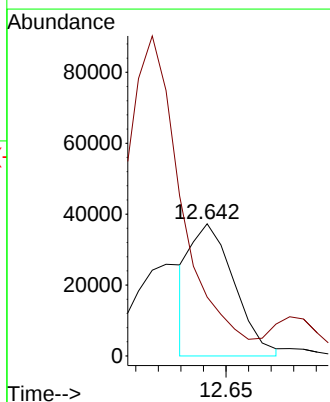
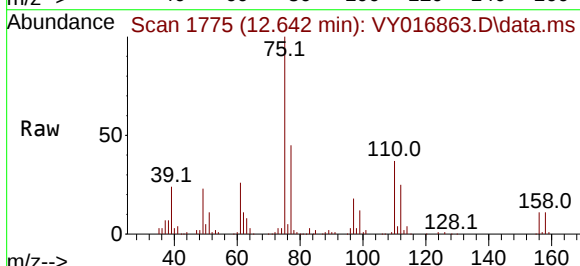
Manual Integrations
APPROVED

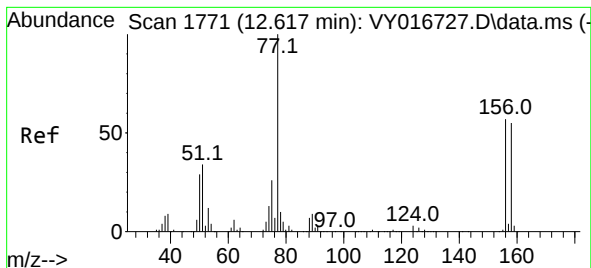
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#76
1,2,3-Trichloropropane
Concen: 52.898 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 50068
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.108 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

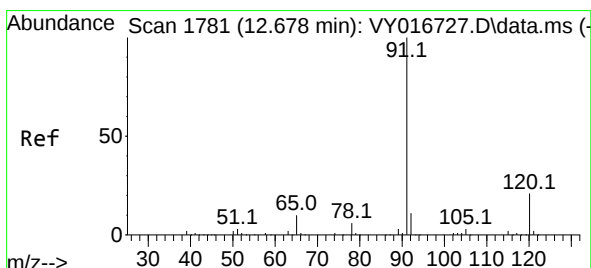
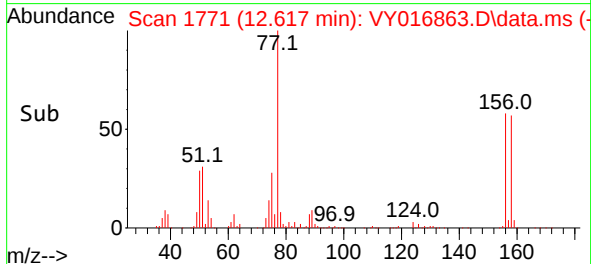
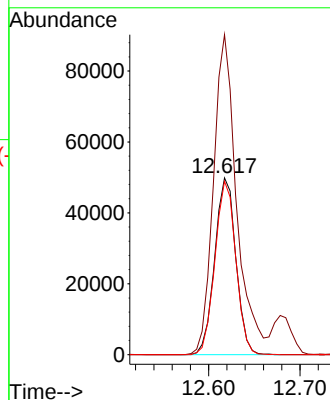
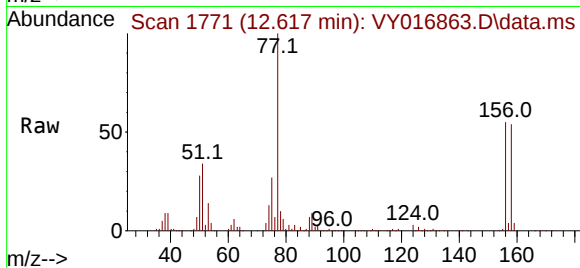
VSTDCCC050EC

Tgt Ion:	156	Resp:	80168
Ion Ratio	Lower	Upper	
156	100		
77	197.3	97.3	291.8
158	96.7	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#78

n-propylbenzene

Concen: 54.072 ug/l

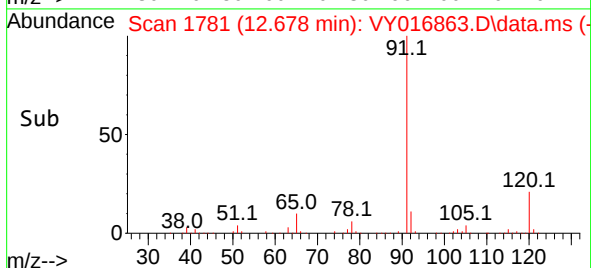
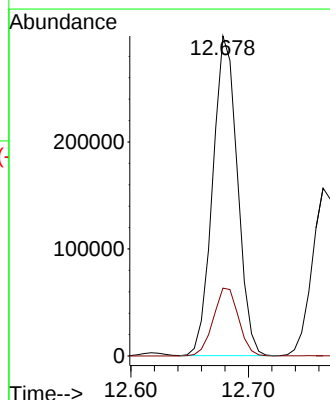
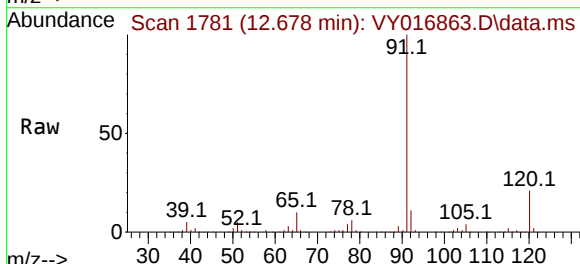
RT: 12.678 min Scan# 1781

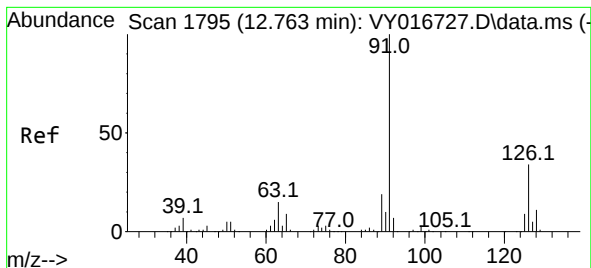
Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion:	91	Resp:	436866
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.0	33.0





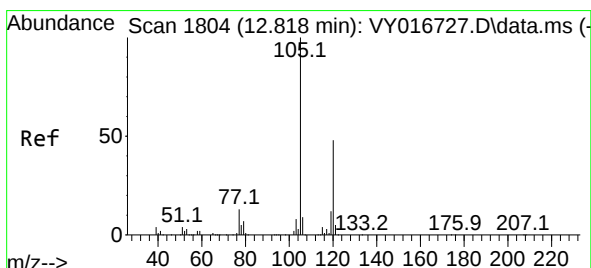
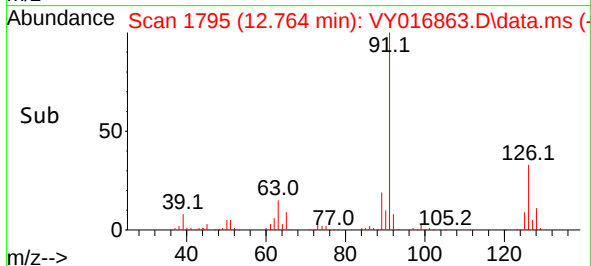
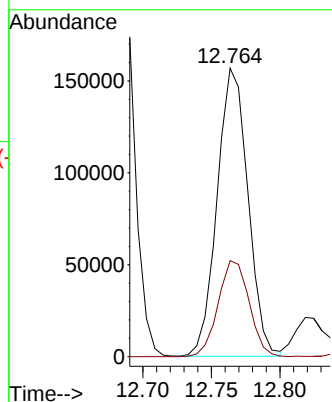
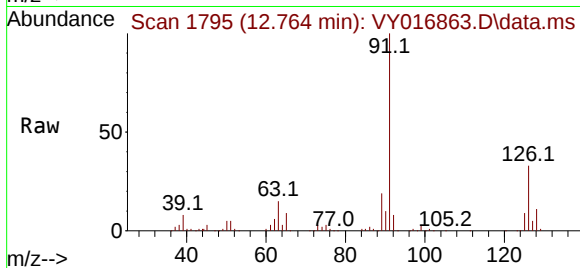
#79
2-Chlorotoluene
Concen: 54.880 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 245349
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

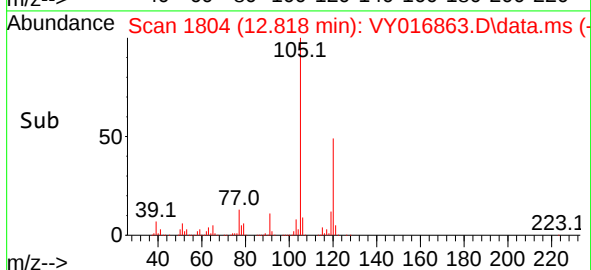
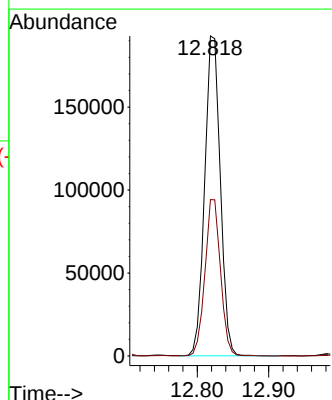
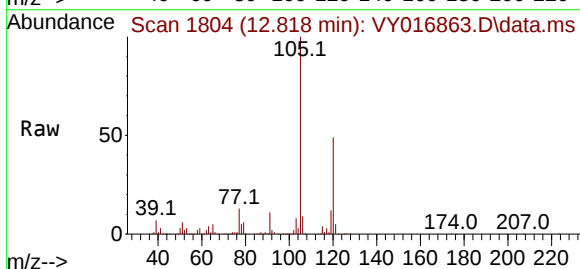
Manual Integrations
APPROVED

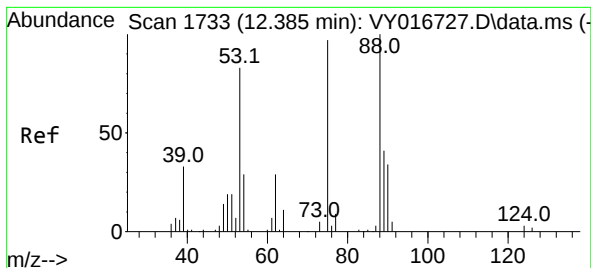
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.446 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:105 Resp: 292674
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





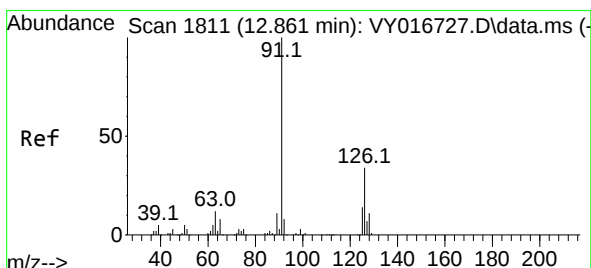
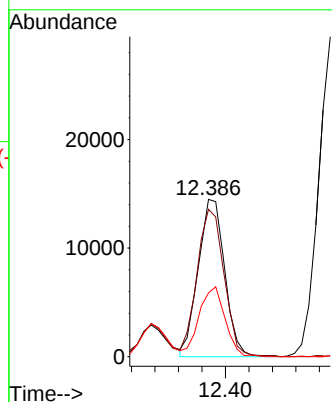
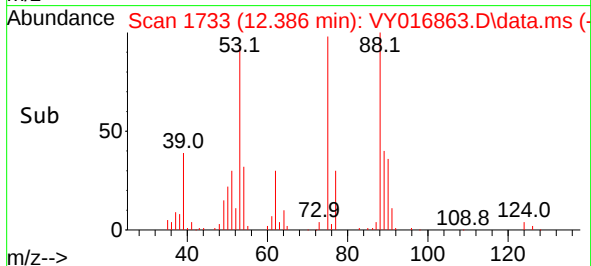
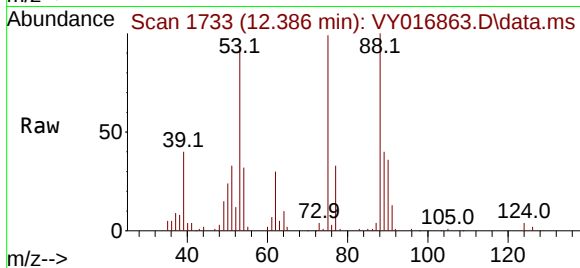
#81
trans-1,4-Dichloro-2-butene
Concen: 56.451 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2275
Ion Ratio Lower Upper
75 100
53 95.7 74.0 111.0
89 43.6 36.5 54.7

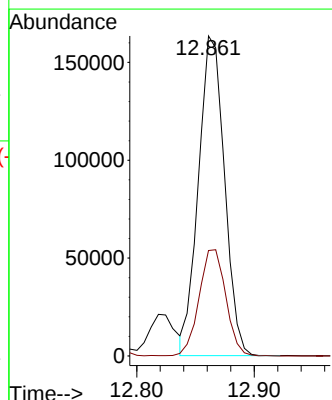
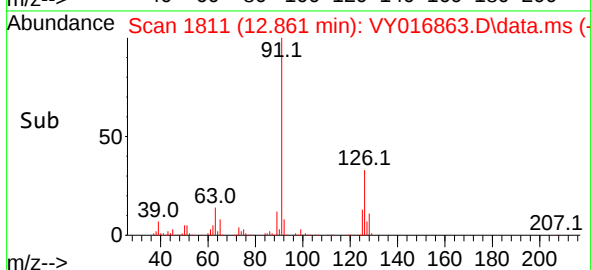
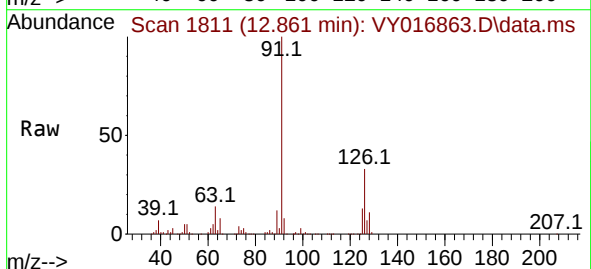
Manual Integrations
APPROVED

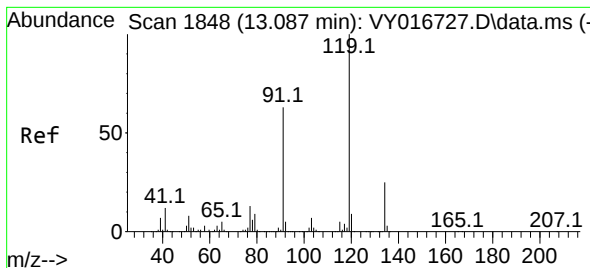
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#82
4-Chlorotoluene
Concen: 54.911 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

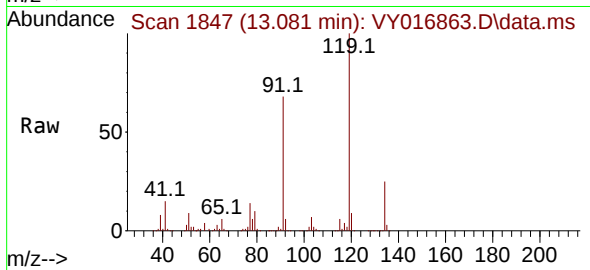
Tgt Ion: 91 Resp: 251844
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83
tert-Butylbenzene
Concen: 55.401 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

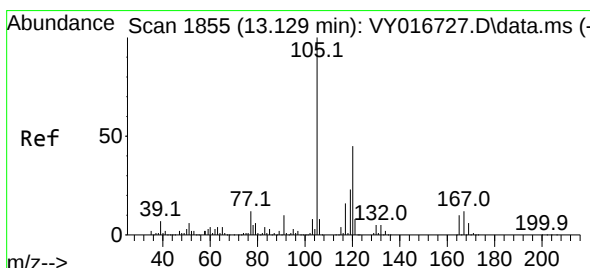
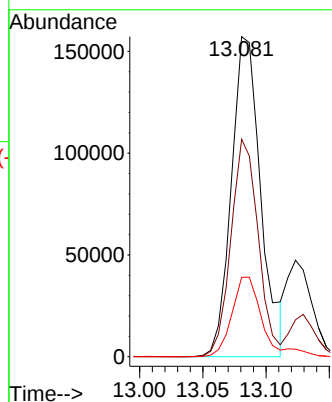
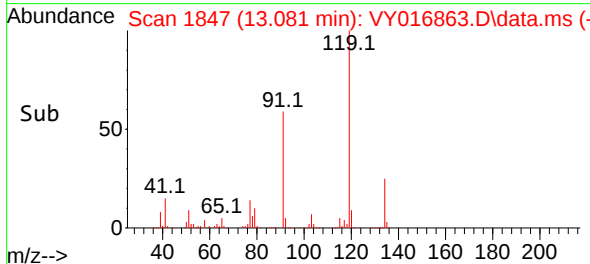
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



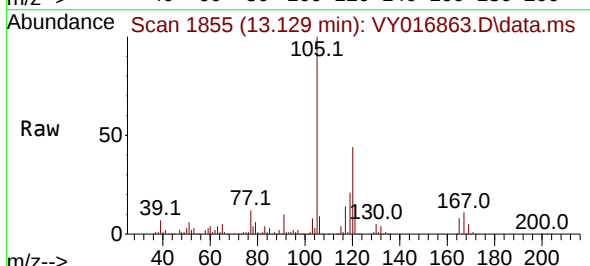
Tgt Ion:119 Resp: 25437
Ion Ratio Lower Upper
119 100
91 63.2 31.5 94.5
134 25.9 13.1 39.3

Manual Integrations
APPROVED

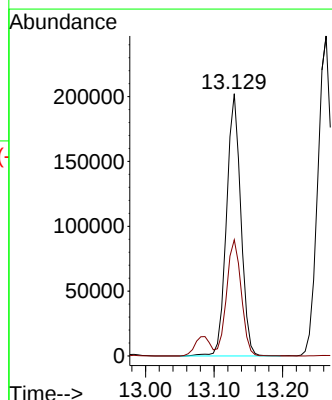
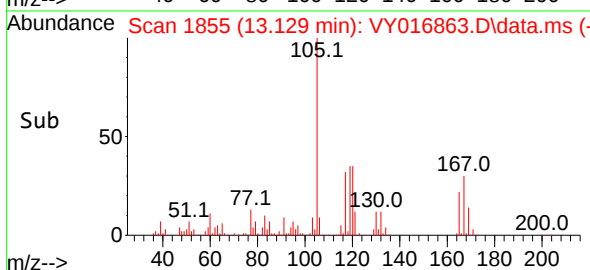
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023

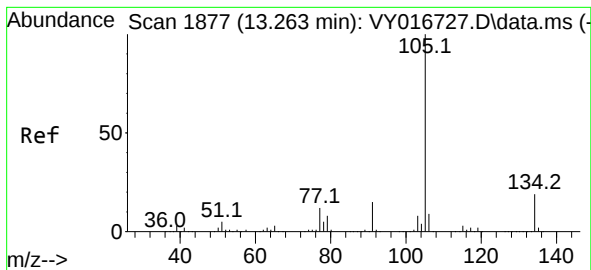


#84
1,2,4-Trimethylbenzene
Concen: 55.888 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



Tgt Ion:105 Resp: 290897
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.273 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 362298

Ion Ratio Lower Upper

105 100

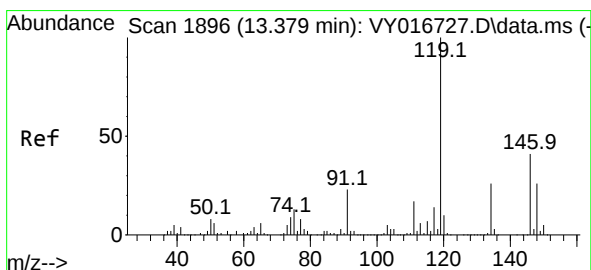
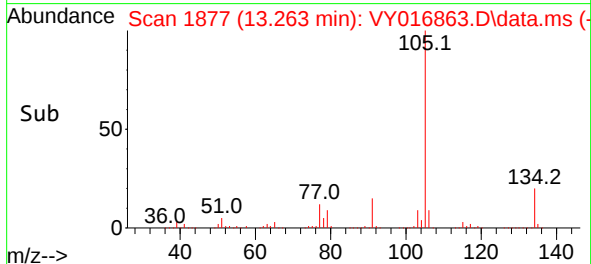
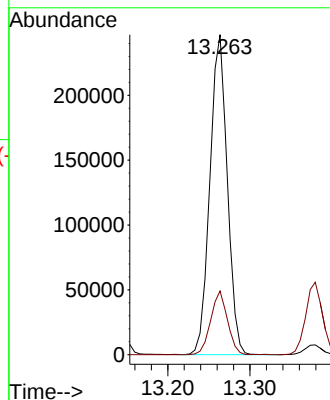
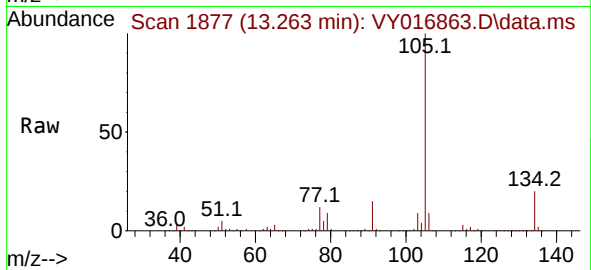
134 19.2 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#86

p-Isopropyltoluene

Concen: 53.185 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

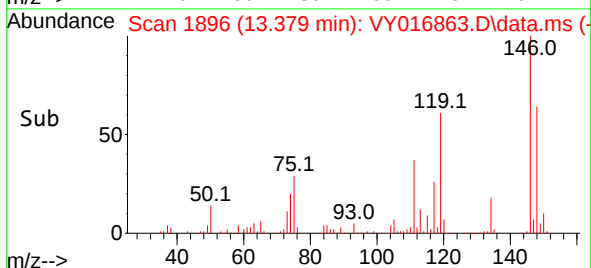
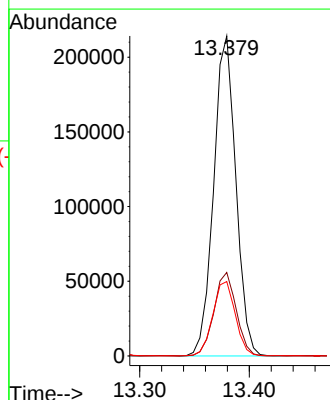
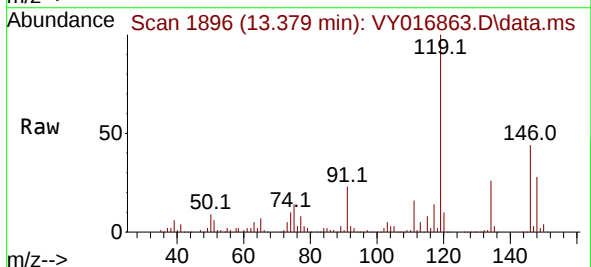
Tgt Ion:119 Resp: 301218

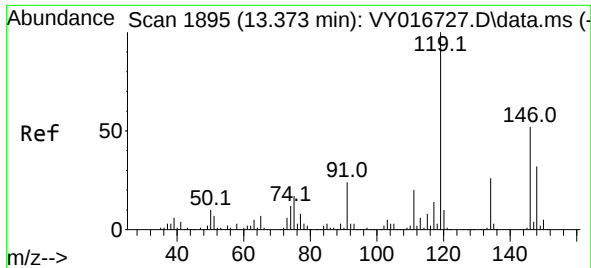
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 55.028 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 15644

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

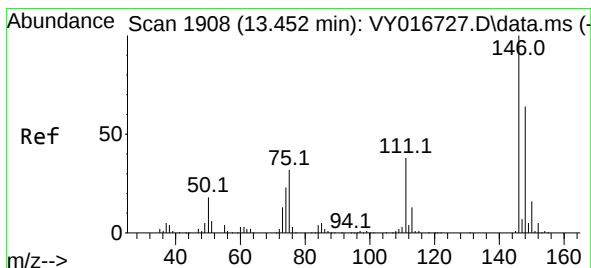
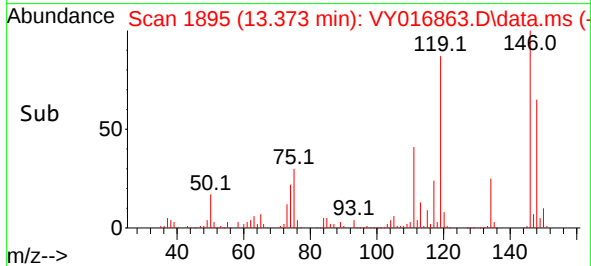
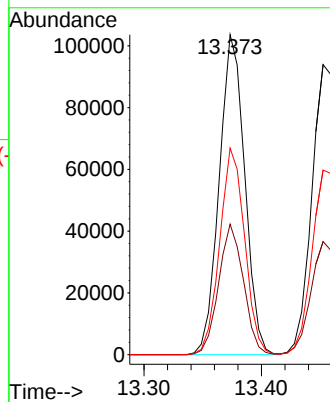
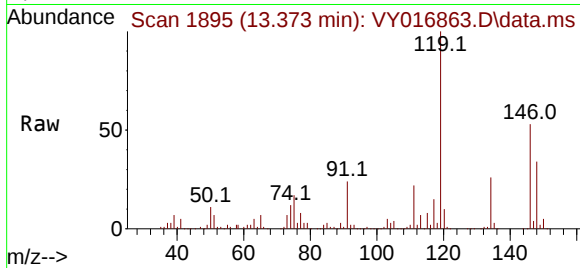
148 63.3 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023

Supervised By :Semsettin Yesilyurt 12/29/2023



#88

1,4-Dichlorobenzene

Concen: 54.731 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

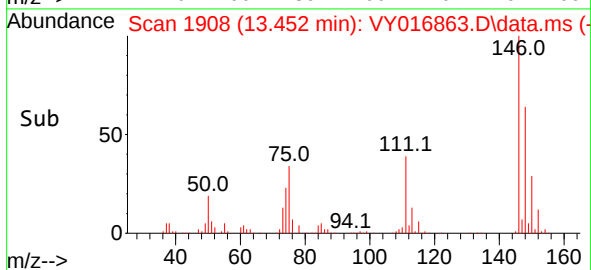
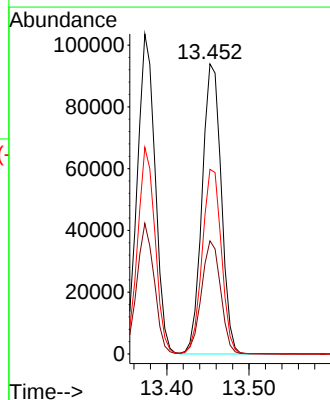
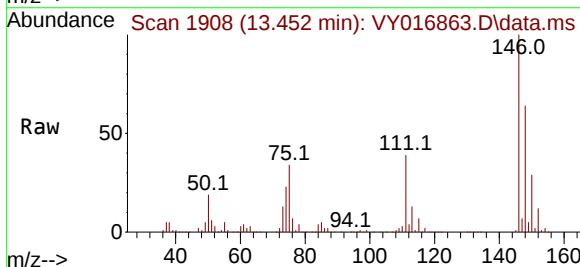
Tgt Ion:146 Resp: 151936

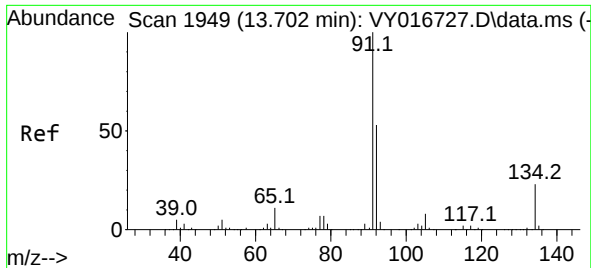
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

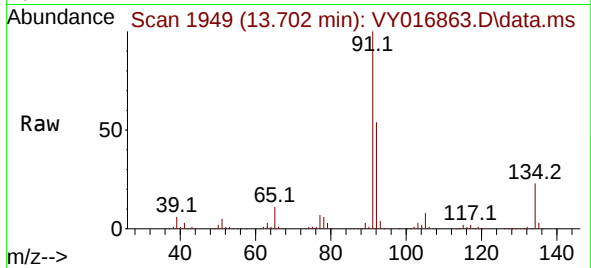
148 63.7 31.6 94.7





#89
n-Butylbenzene
Concen: 53.763 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

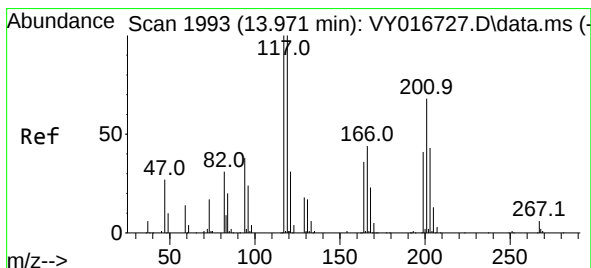
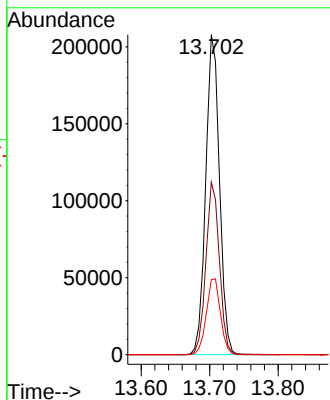
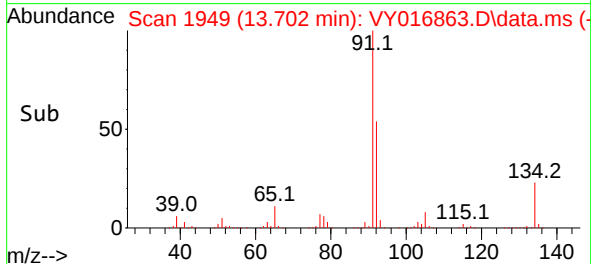
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 291079
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.4 12.3 36.8

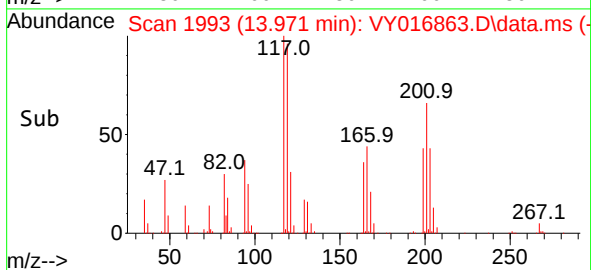
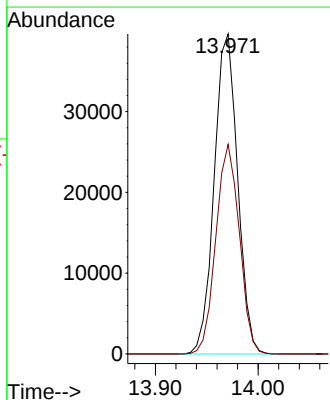
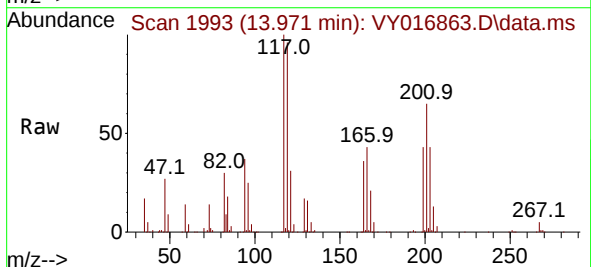
Manual Integrations
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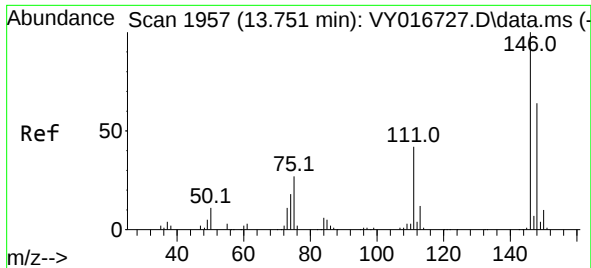
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#90
Hexachloroethane
Concen: 53.089 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

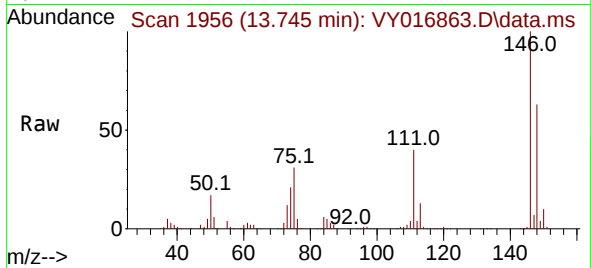
Tgt Ion:117 Resp: 62609
Ion Ratio Lower Upper
117 100
201 65.7 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 56.954 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

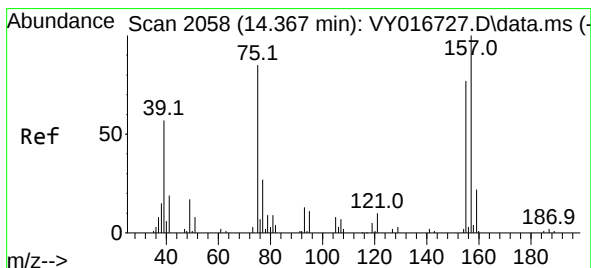
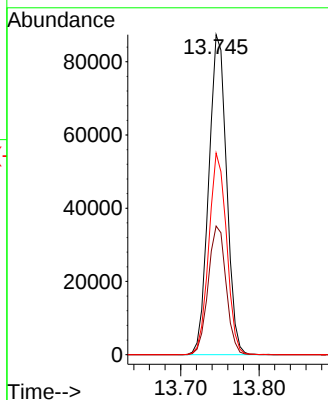
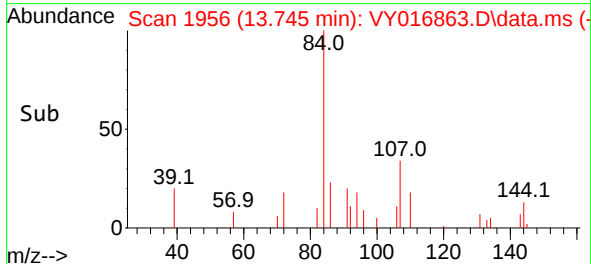
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 13794
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.6
148 62.8 31.4 94.3

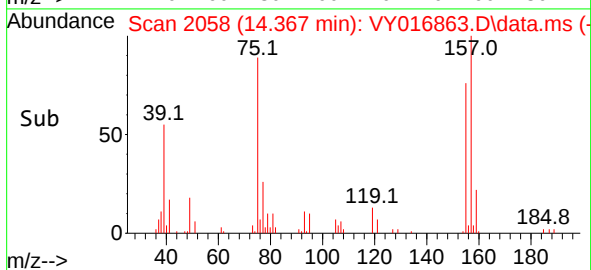
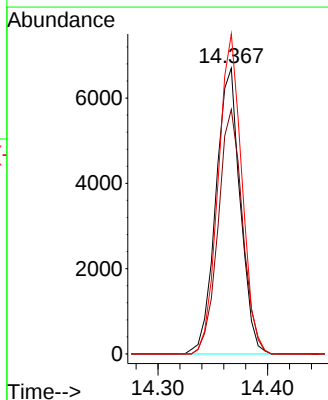
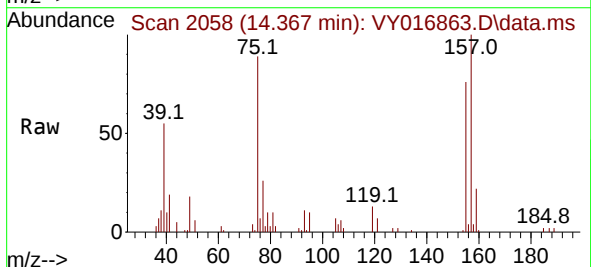
Manual Integrations
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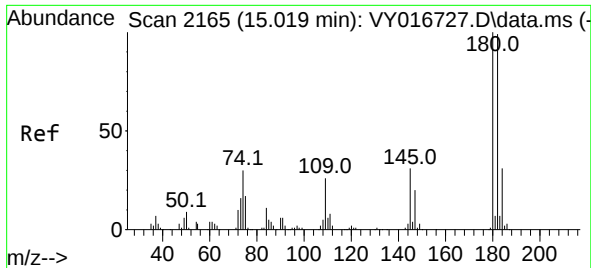
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.819 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 10333
Ion Ratio Lower Upper
75 100
155 85.5 42.1 126.3
157 108.5 55.8 167.4





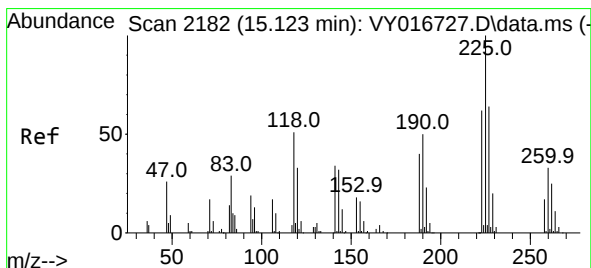
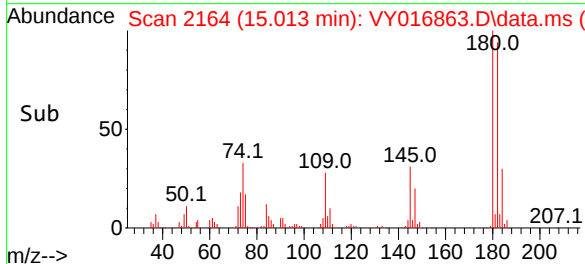
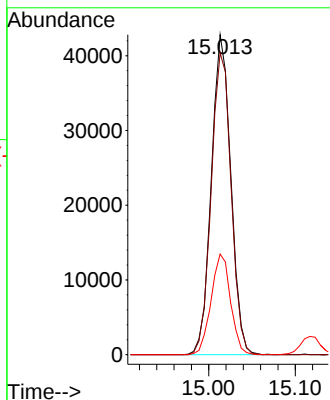
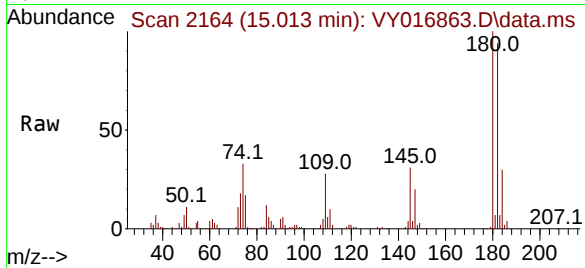
#93
1,2,4-Trichlorobenzene
Concen: 52.019 ug/l
RT: 15.013 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 6685
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.7
145 31.3 15.9 47.7

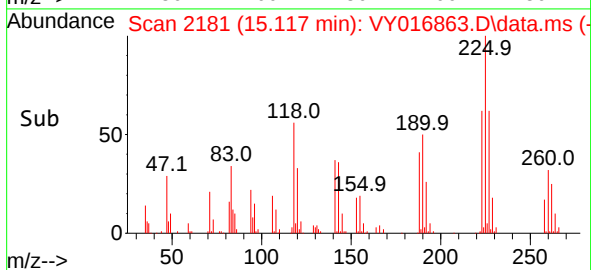
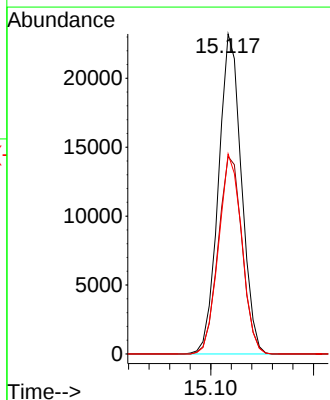
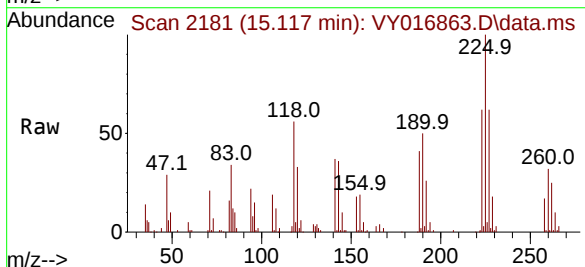
Manual Integrations
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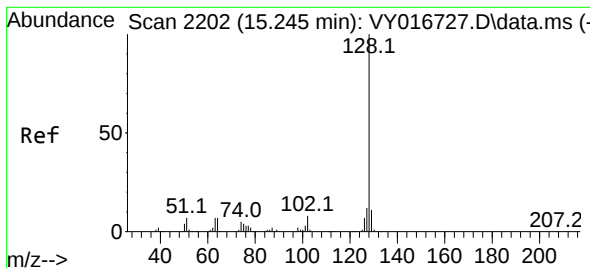
Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#94
Hexachlorobutadiene
Concen: 49.296 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

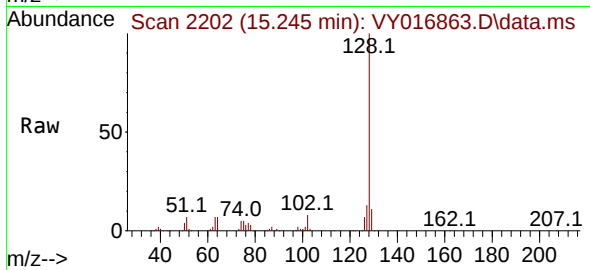
Tgt Ion:225 Resp: 35983
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.3
227 63.2 32.3 96.8





#95
Naphthalene
Concen: 49.976 ug/l
RT: 15.245 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

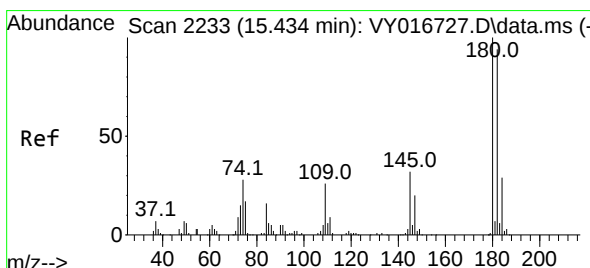
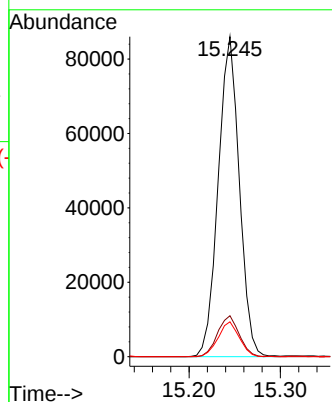
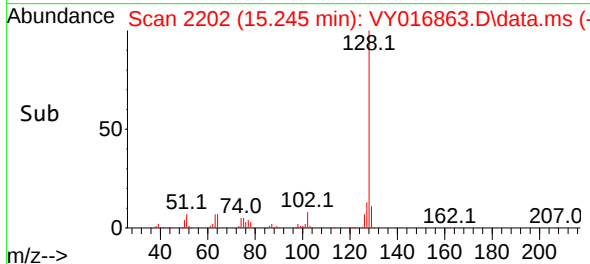
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



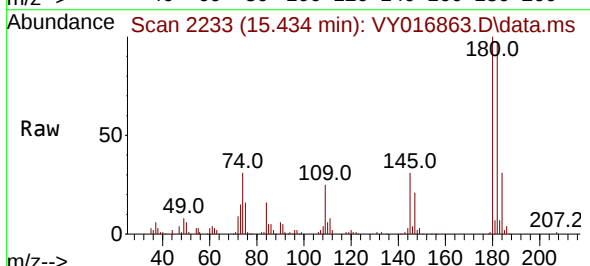
Tgt Ion:128 Resp: 138254
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/29/2023
Supervised By :Semsettin Yesilyurt 12/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.114 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



Tgt Ion:180 Resp: 59229
Ion Ratio Lower Upper
180 100
182 93.9 46.3 138.8
145 32.2 16.1 48.2

