

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016660.D
 Acq On : 15 Dec 2023 18:22
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 16 00:11:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 15 23:53:28 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	255172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	395882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	160580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	304681	145.442	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 290.880%#			
35) Dibromofluoromethane	7.728	113	321339	151.327	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.660%#			
50) Toluene-d8	10.185	98	1258955	146.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 292.420%#			
62) 4-Bromofluorobenzene	12.489	95	403560	148.297	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 296.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	294017	147.844	ug/l	98
3) Chloromethane	2.119	50	435705	140.590	ug/l	97
4) Vinyl Chloride	2.253	62	531395	149.367	ug/l	96
5) Bromomethane	2.643	94	388733	152.664	ug/l	100
6) Chloroethane	2.796	64	345452	149.289	ug/l	98
7) Trichlorofluoromethane	3.131	101	589665	148.398	ug/l	99
8) Diethyl Ether	3.534	74	197587	159.188	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	366312	149.060	ug/l	94
10) Methyl Iodide	4.101	142	420712	164.491	ug/l	95
11) Tert butyl alcohol	4.960	59	119038	706.872	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	356785	154.003	ug/l	90
13) Acrolein	3.729	56	81964	749.428	ug/l	98
14) Allyl chloride	4.485	41	488382	155.483	ug/l #	93
15) Acrylonitrile	5.167	53	395712	766.103	ug/l	97
16) Acetone	3.948	43	354429	778.887	ug/l #	88
17) Carbon Disulfide	4.204	76	1088064	148.493	ug/l	99
18) Methyl Acetate	4.478	43	302858	155.401	ug/l #	88
19) Methyl tert-butyl Ether	5.228	73	895510	164.857	ug/l	100
20) Methylene Chloride	4.728	84	372708	153.412	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	414692	153.639	ug/l	92
22) Diisopropyl ether	6.125	45	1056665	156.965	ug/l	88
23) Vinyl Acetate	6.070	43	2659391	801.734	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	660603	150.376	ug/l	97
25) 2-Butanone	6.990	43	523359	776.989	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	601833	154.306	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	459845	157.758	ug/l	89
28) Bromochloromethane	7.344	49	240093	148.463	ug/l	84
29) Tetrahydrofuran	7.356	42	320486	790.023	ug/l #	85
30) Chloroform	7.515	83	691185	151.288	ug/l	97
31) Cyclohexane	7.795	56	589909	143.180	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	631288	154.024	ug/l	97
36) 1,1-Dichloropropene	7.923	75	536237	152.465	ug/l	98
37) Ethyl Acetate	7.082	43	215104	148.409	ug/l #	93
38) Carbon Tetrachloride	7.905	117	550024	155.689	ug/l	99
39) Methylcyclohexane	9.191	83	721467	163.210	ug/l	91
40) Benzene	8.167	78	1618169	156.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	112396m	146.032	ug/l	
42) 1,2-Dichloroethane	8.246	62	411271	156.104	ug/l	93
43) Isopropyl Acetate	8.277	43	439566	165.016	ug/l #	89
44) Trichloroethene	8.947	130	450024	156.755	ug/l	97
45) 1,2-Dichloropropane	9.222	63	375853	156.074	ug/l	98
46) Dibromomethane	9.313	93	213763	160.510	ug/l	99
47) Bromodichloromethane	9.502	83	536011	159.293	ug/l	98
48) Methyl methacrylate	9.301	41	249462	169.121	ug/l #	86
49) 1,4-Dioxane	9.307	88	46911	3288.281	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	1137145	813.953	ug/l	88
52) Toluene	10.252	92	1048164	162.331	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	526303	165.796	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	618537	162.062	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	295336	157.826	ug/l	95
56) Ethyl methacrylate	10.514	69	287796	177.387	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	490926	157.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	873620	747.822	ug/l	93
59) 2-Hexanone	10.837	43	806188	703.382	ug/l	84
60) Dibromochloromethane	10.990	129	368576	162.523	ug/l	99
61) 1,2-Dibromoethane	11.093	107	283293	161.301	ug/l	99
64) Tetrachloroethene	10.727	164	448912	158.114	ug/l	97
65) Chlorobenzene	11.520	112	1073689	158.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	409772	165.759	ug/l	99
67) Ethyl Benzene	11.599	91	2004845	164.859	ug/l	98
68) m/p-Xylenes	11.709	106	1552381	330.889	ug/l	92
69) o-Xylene	12.038	106	721240	168.071	ug/l	94
70) Styrene	12.050	104	1065335	171.350	ug/l	96
71) Bromoform	12.215	173	223094	166.411	ug/l #	98
73) Isopropylbenzene	12.337	105	1878726	166.332	ug/l	99
74) N-amyl acetate	12.148	43	367350	173.521	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	301734	157.026	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	226074m	154.390	ug/l	
77) Bromobenzene	12.617	156	437713	165.406	ug/l	92
78) n-propylbenzene	12.678	91	2196293	162.681	ug/l	99
79) 2-Chlorotoluene	12.764	91	1189540	160.455	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	1503211	166.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	104540	162.416	ug/l	90
82) 4-Chlorotoluene	12.861	91	1236315	161.266	ug/l	97
83) tert-Butylbenzene	13.081	119	1296813	164.556	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	1505639	168.094	ug/l	97
85) sec-Butylbenzene	13.257	105	1857506	160.633	ug/l	99
86) p-Isopropyltoluene	13.373	119	1665635	168.709	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	846172	164.518	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	805352	159.240	ug/l	99
89) n-Butylbenzene	13.702	91	1477664	161.112	ug/l	97
90) Hexachloroethane	13.965	117	309422	157.461	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	711404	161.202	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	44447	159.814	ug/l	82
93) 1,2,4-Trichlorobenzene	15.013	180	417720	175.224	ug/l	99
94) Hexachlorobutadiene	15.117	225	214201	149.696	ug/l	99
95) Naphthalene	15.239	128	788899	150.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	345881	176.009	ug/l	99

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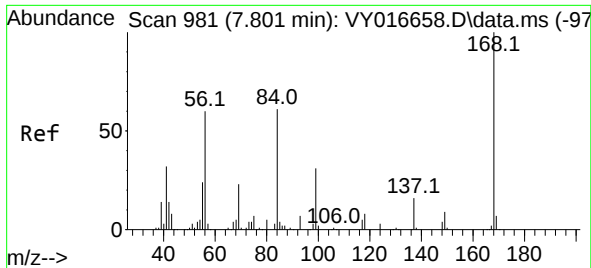
Manual Integrations
APPROVED

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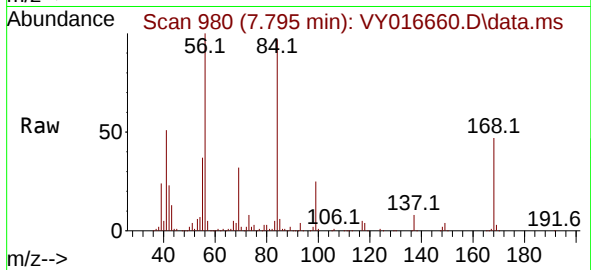
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
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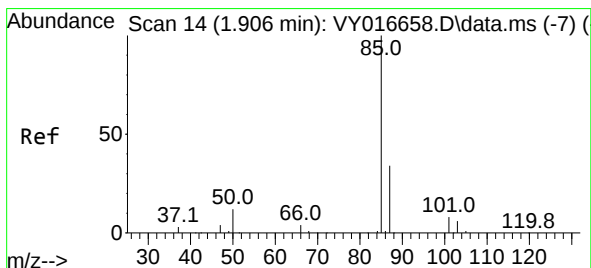
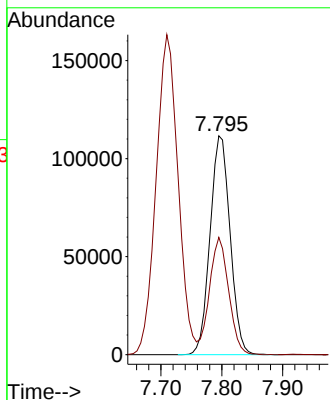
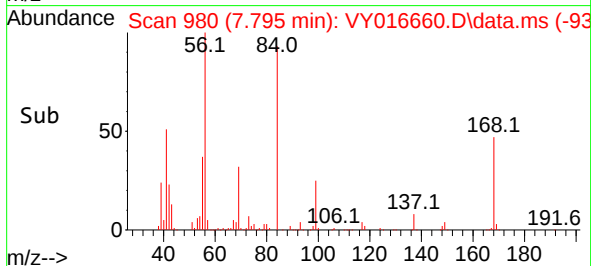
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ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 255172
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0

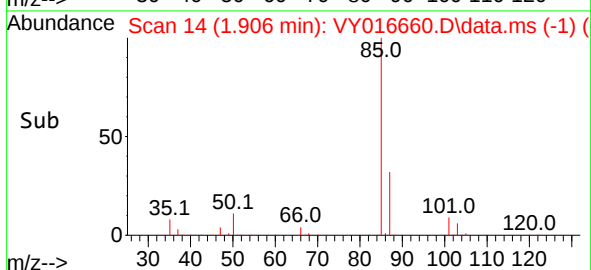
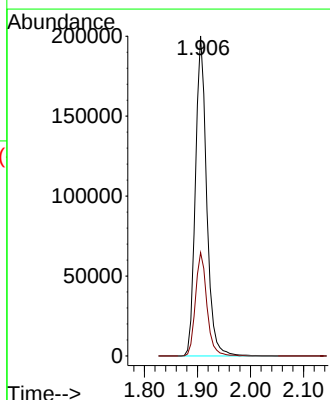
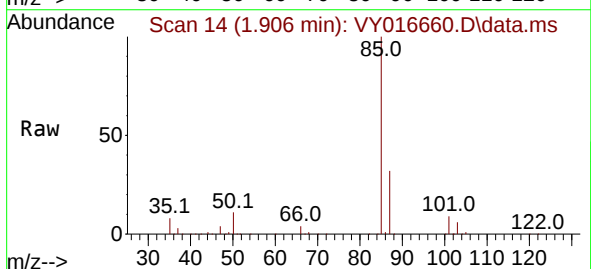
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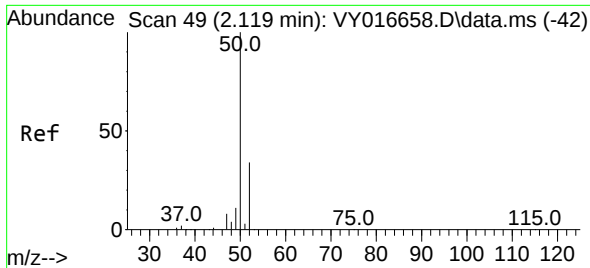
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#2
Dichlorodifluoromethane
Concen: 147.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

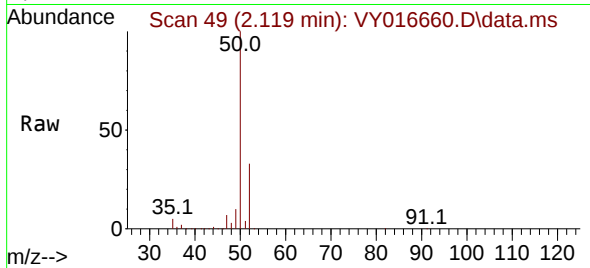
Tgt Ion: 85 Resp: 294017
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 140.590 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

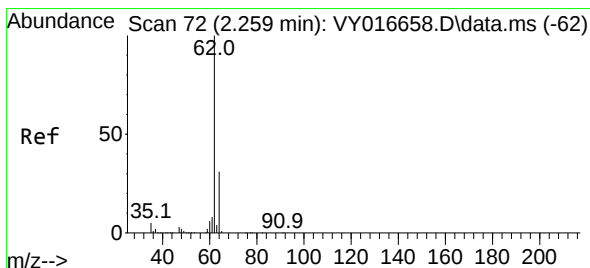
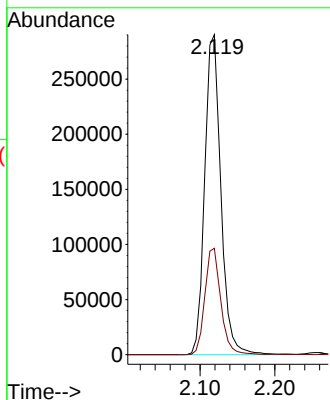
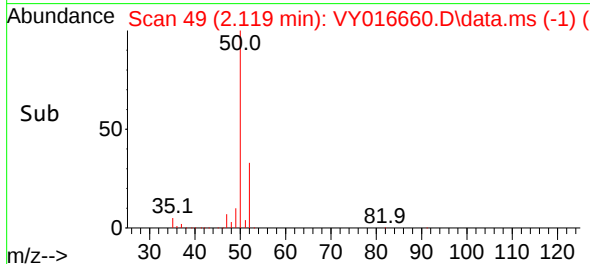
Instrument :
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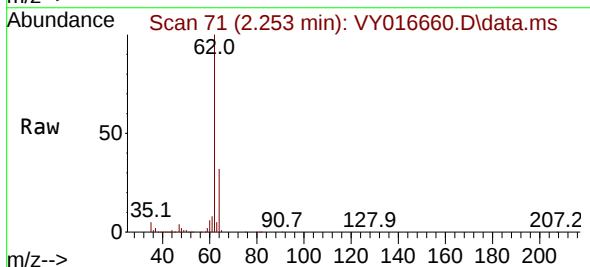
Tgt Ion: 50 Resp: 43570
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

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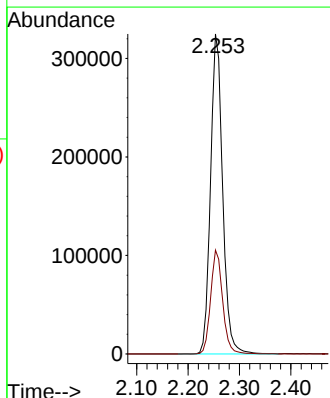
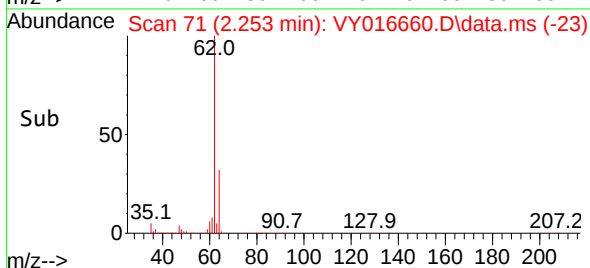
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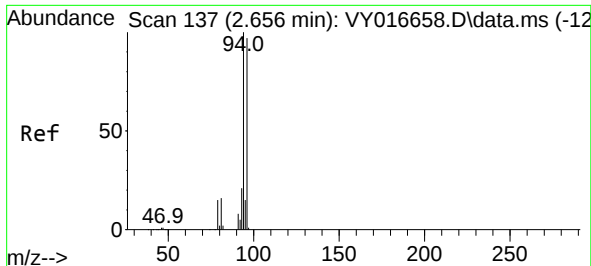


#4
Vinyl Chloride
Concen: 149.367 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



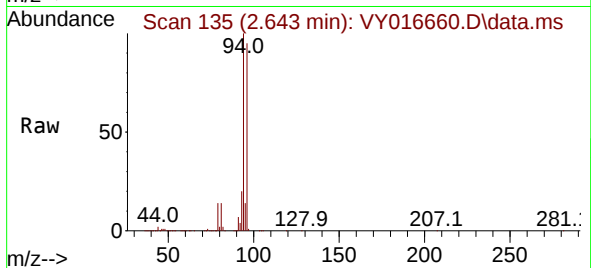
Tgt Ion: 62 Resp: 531395
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 152.664 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

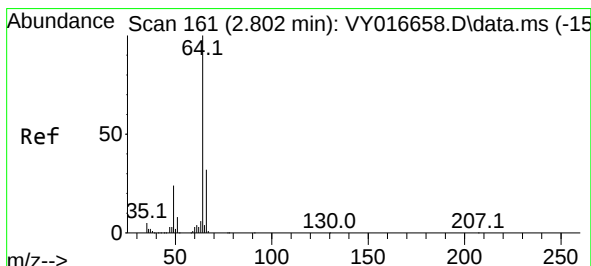
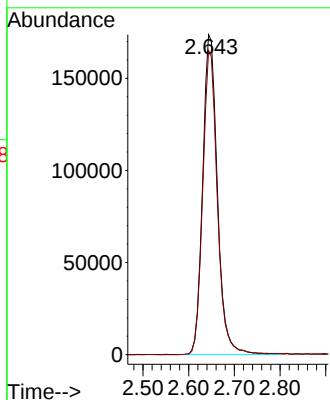
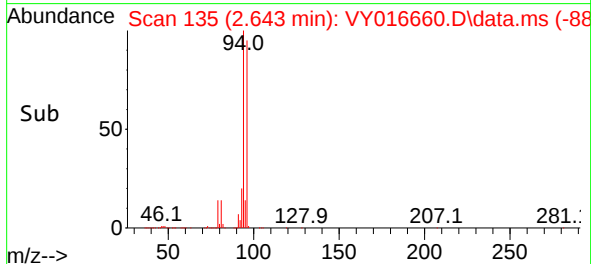
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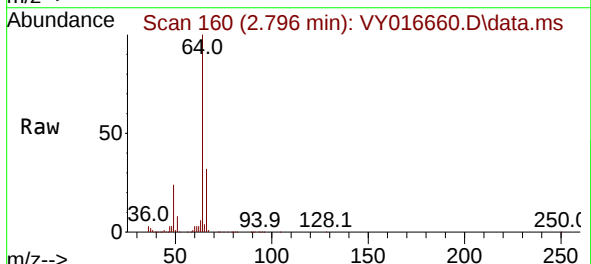
Tgt Ion: 94 Resp: 38873
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6

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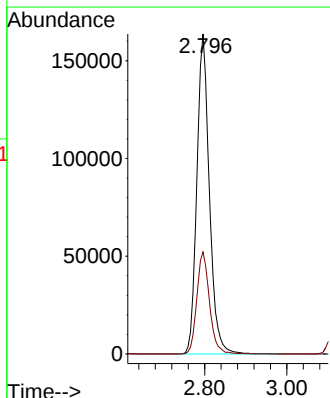
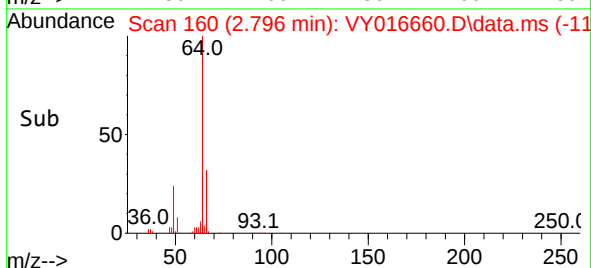
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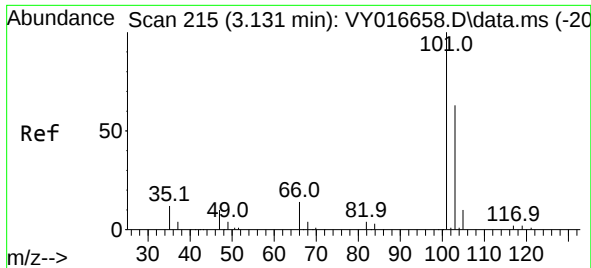


#6
Chloroethane
Concen: 149.289 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



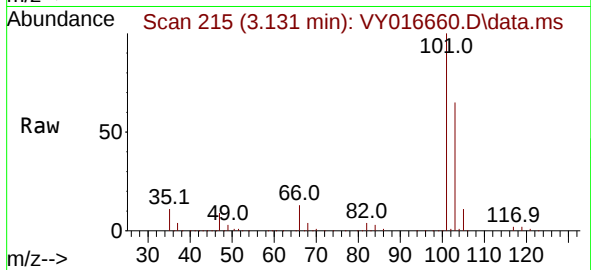
Tgt Ion: 64 Resp: 345452
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 148.398 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

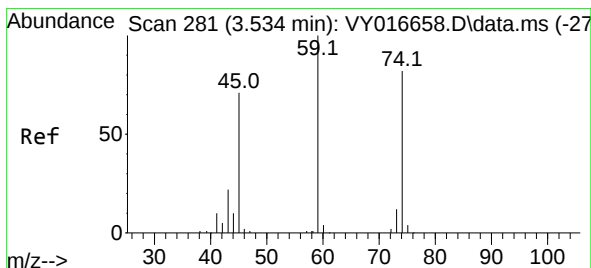
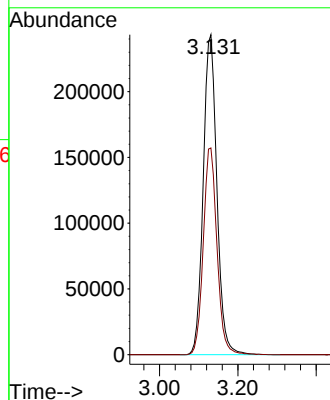
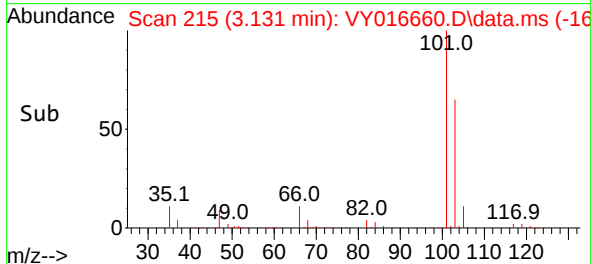
Instrument :
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Tgt Ion:101 Resp: 58966
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0

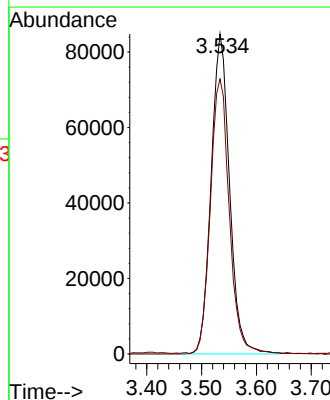
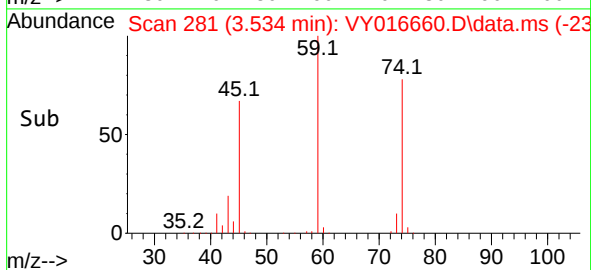
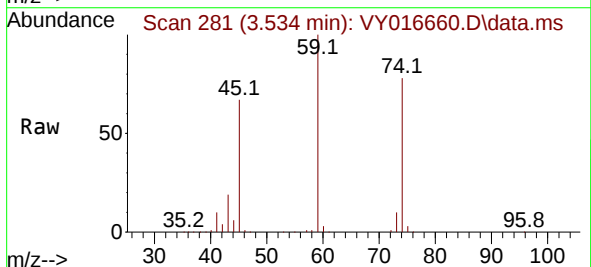
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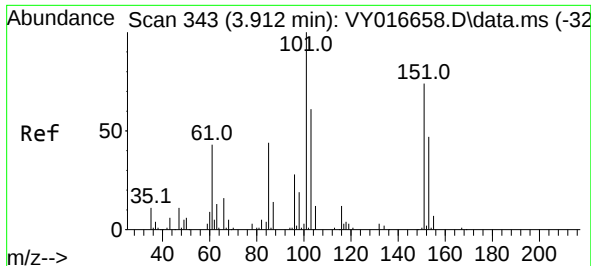
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#8
 Diethyl Ether
 Concen: 159.188 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

Tgt Ion: 74 Resp: 197587
 Ion Ratio Lower Upper
 74 100
 45 87.4 51.5 154.5





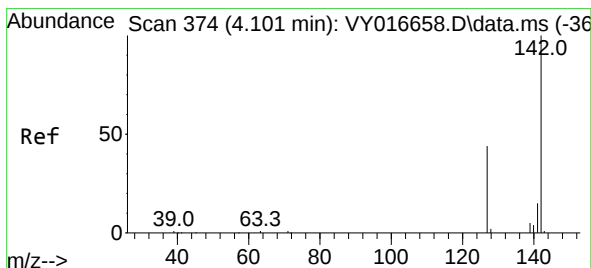
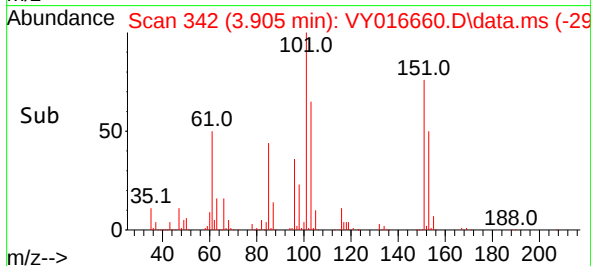
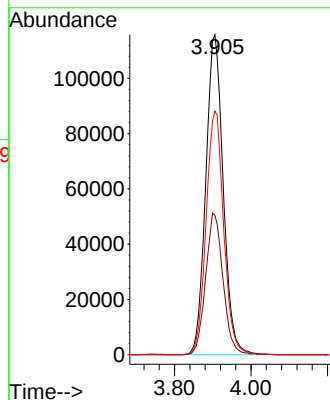
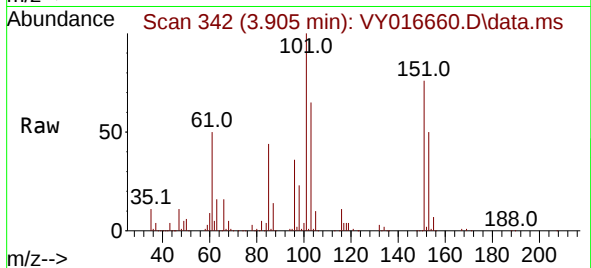
#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.060 ug/l
RT: 3.905 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 366312
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.1 67.0 100.6

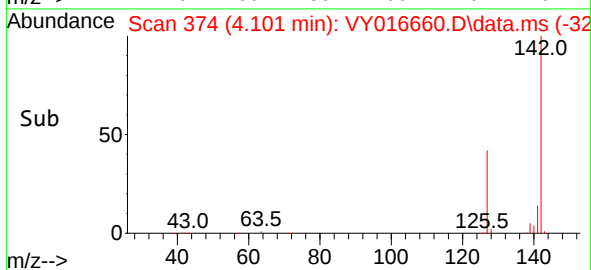
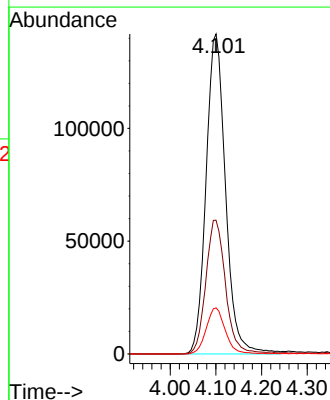
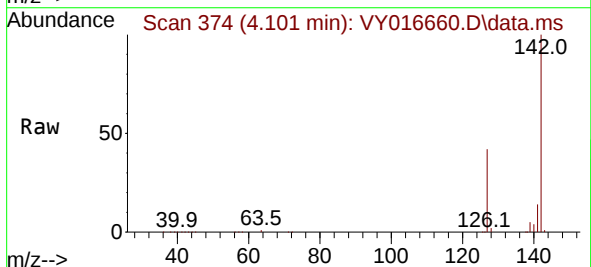
Manual Integrations
APPROVED

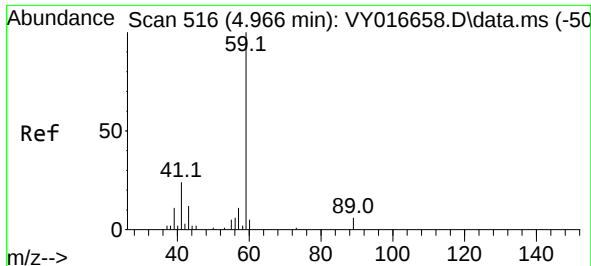
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 164.491 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:142 Resp: 420712
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 706.872 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 119038

Ion Ratio Lower Upper

59 100

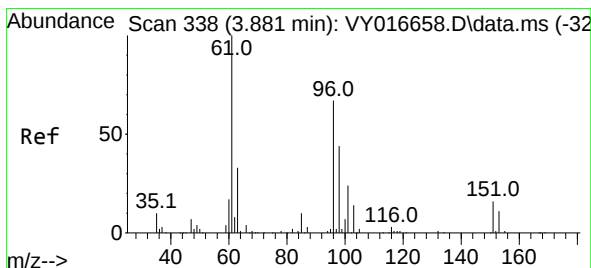
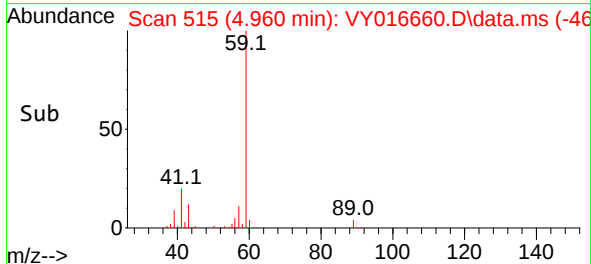
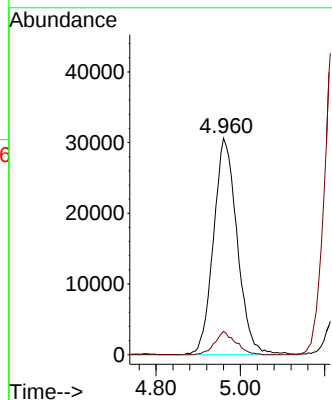
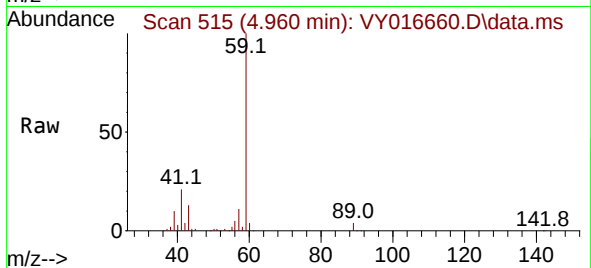
57 9.5 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#12

1,1-Dichloroethene

Concen: 154.003 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

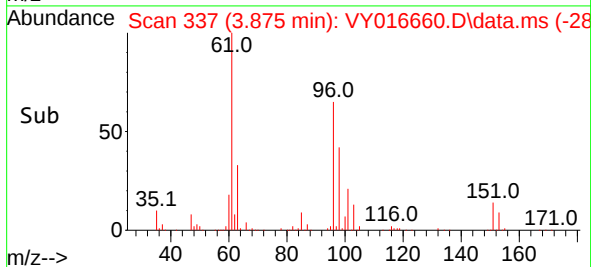
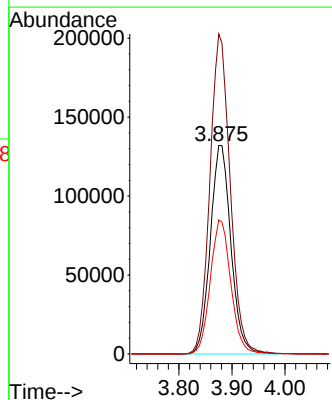
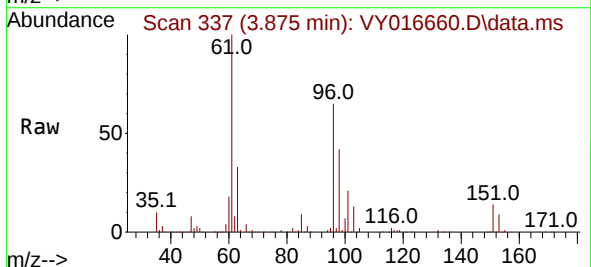
Tgt Ion: 96 Resp: 356785

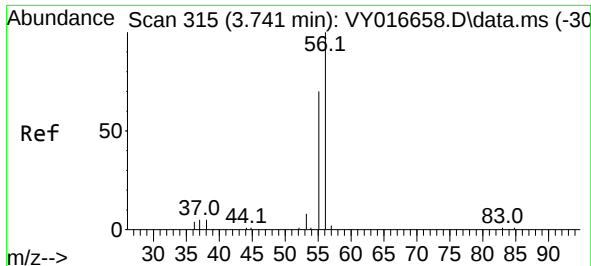
Ion Ratio Lower Upper

96 100

61 153.4 136.4 204.6

98 64.3 49.4 74.2





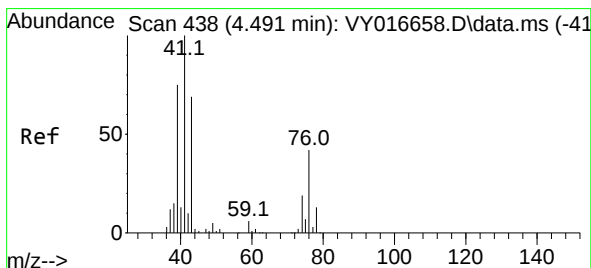
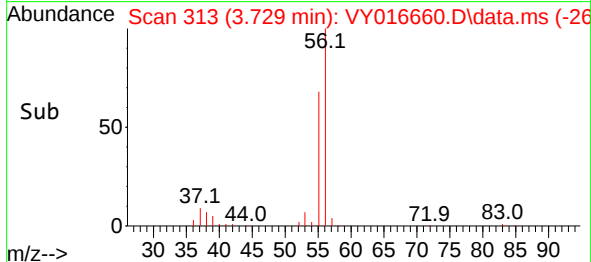
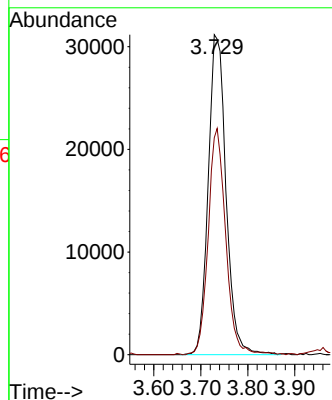
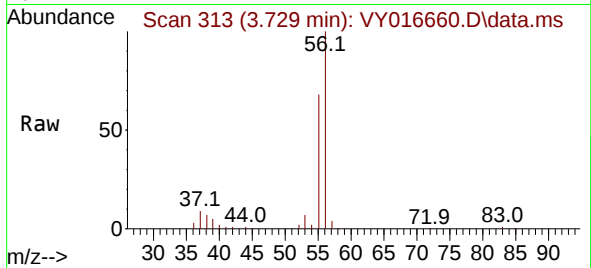
#13
Acrolein
Concen: 749.428 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 81964
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4

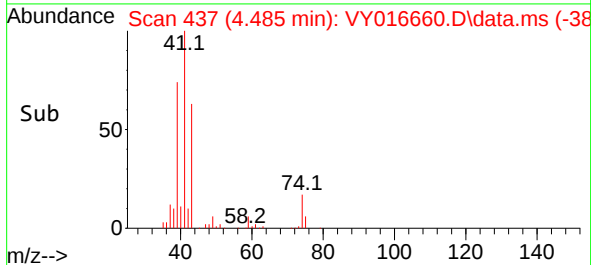
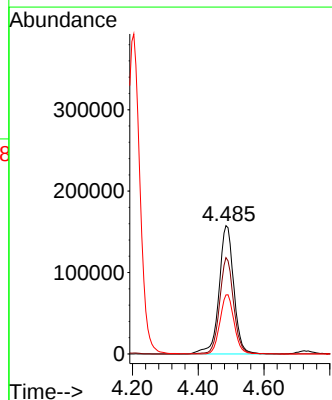
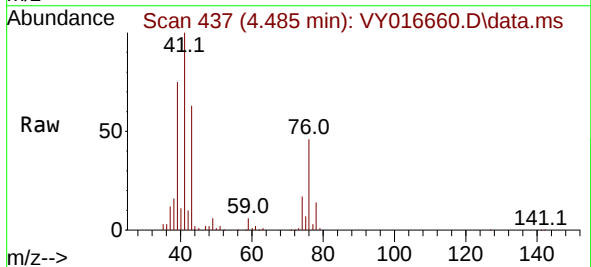
Manual Integrations
APPROVED

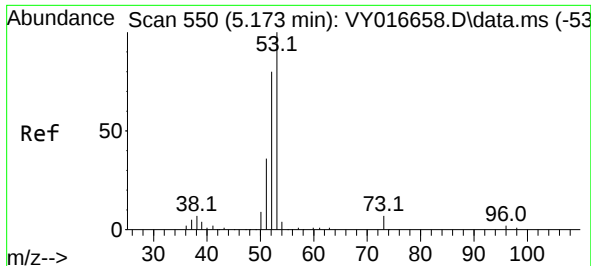
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 155.483 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

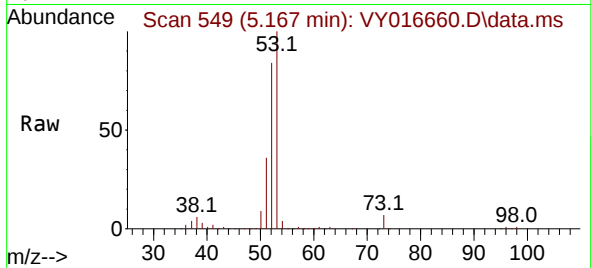
Tgt Ion: 41 Resp: 488382
Ion Ratio Lower Upper
41 100
39 71.4 58.0 87.0
76 44.4 27.4 41.2#





#15
Acrylonitrile
Concen: 766.103 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

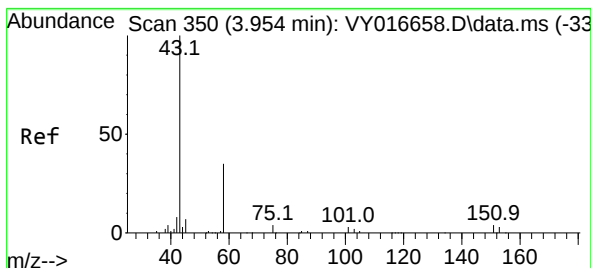
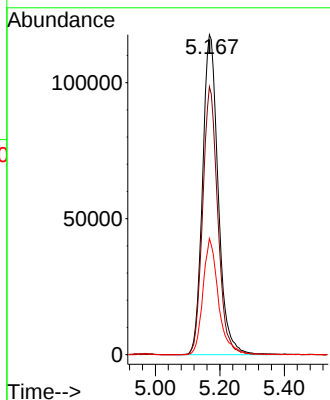
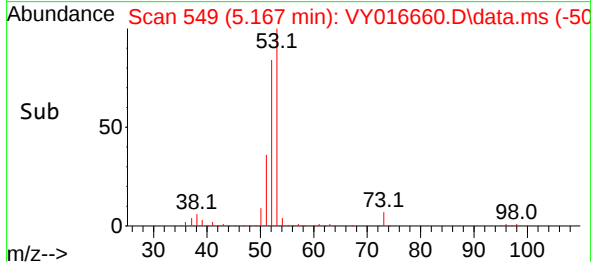
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 395712
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 36.0 29.8 44.6

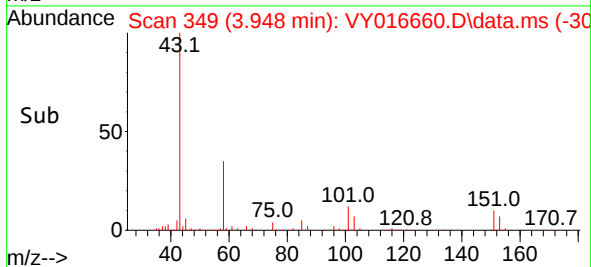
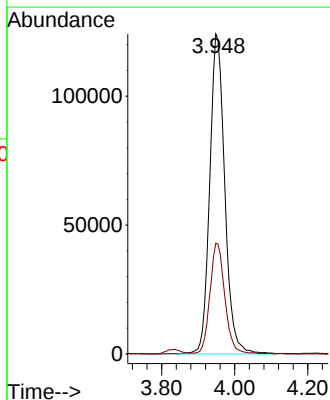
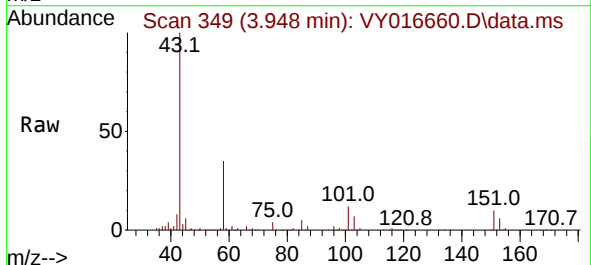
Manual Integrations
APPROVED

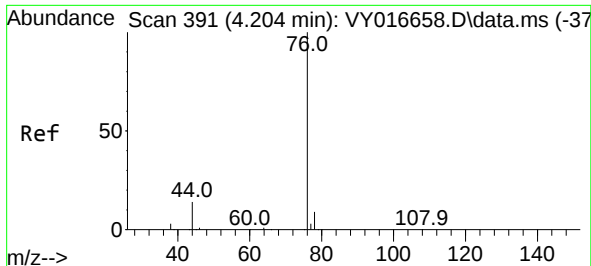
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 778.887 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

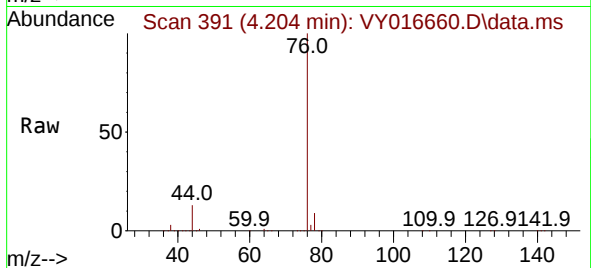
Tgt Ion: 43 Resp: 354429
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#





#17
Carbon Disulfide
Concen: 148.493 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

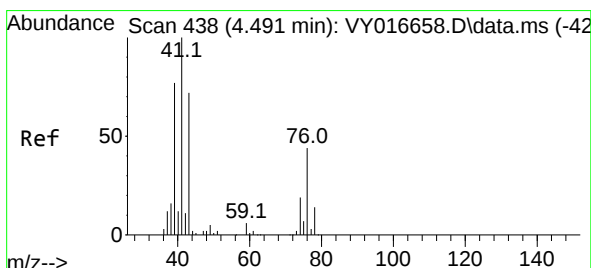
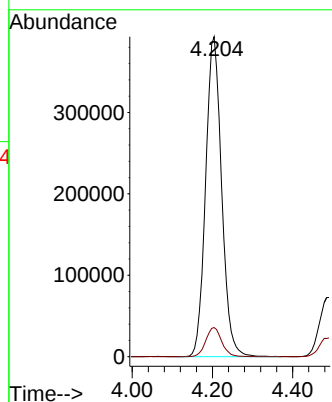
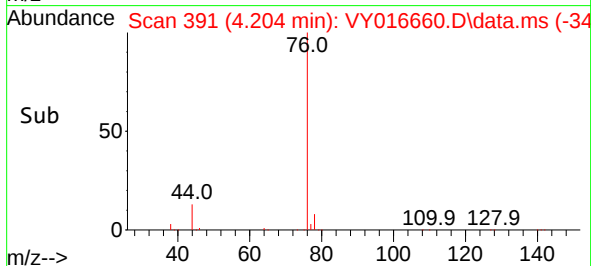
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 108806
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

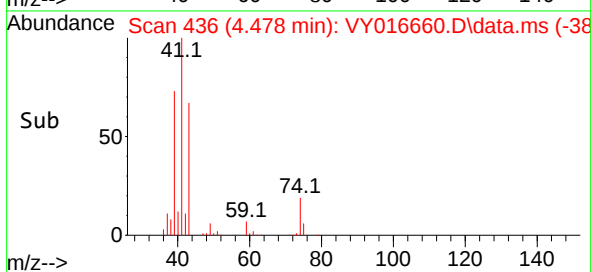
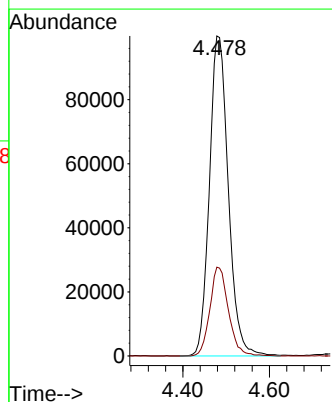
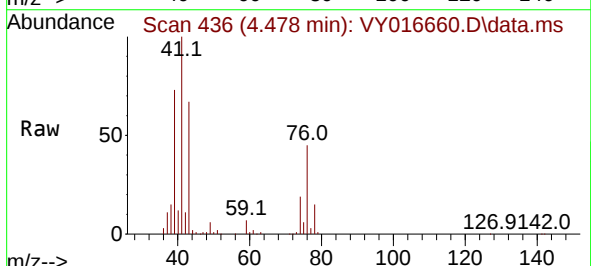
Manual Integrations
APPROVED

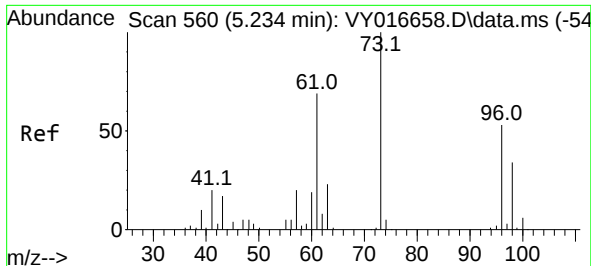
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 155.401 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

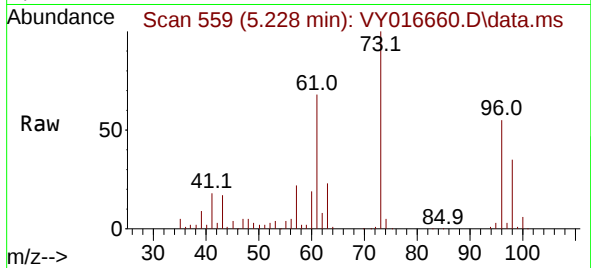
Tgt Ion: 43 Resp: 302858
Ion Ratio Lower Upper
43 100
74 27.2 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 164.857 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

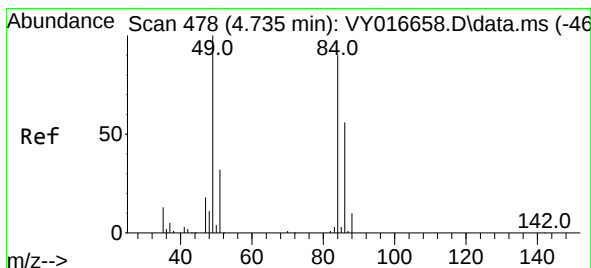
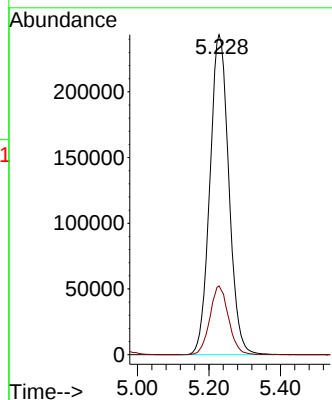
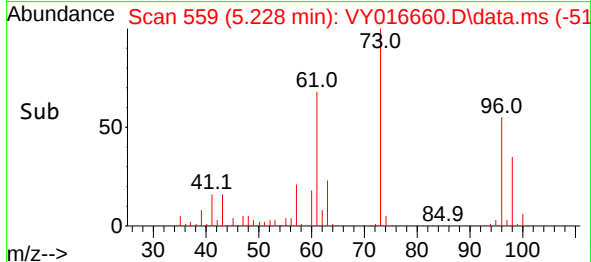
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 895510
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

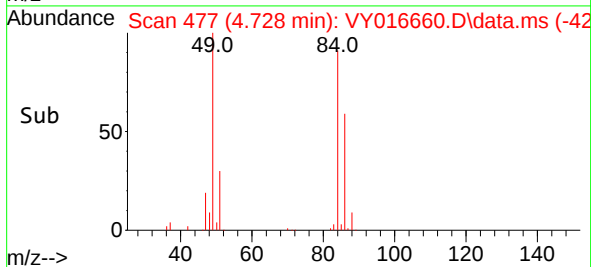
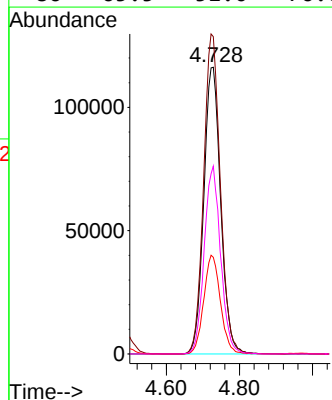
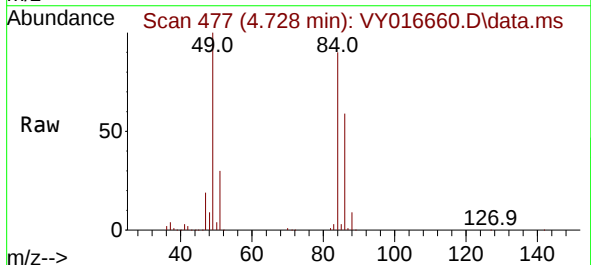
Manual Integrations
APPROVED

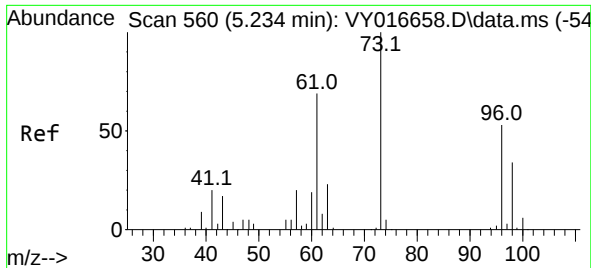
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 153.412 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

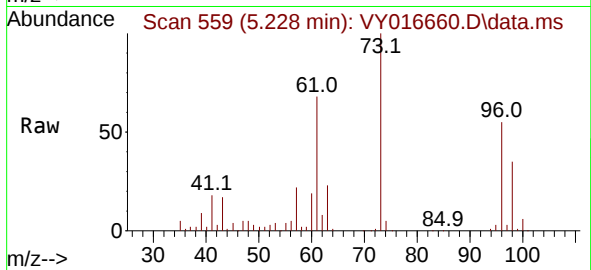
Tgt Ion: 84 Resp: 372708
Ion Ratio Lower Upper
84 100
49 110.7 106.9 160.3
51 33.7 33.2 49.8
86 65.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 153.639 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

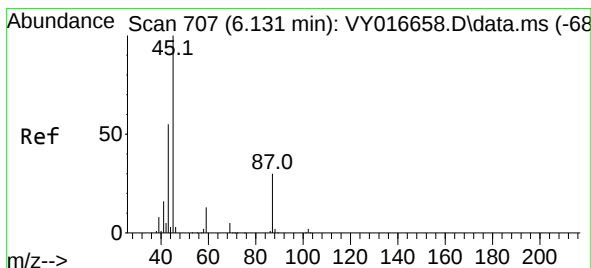
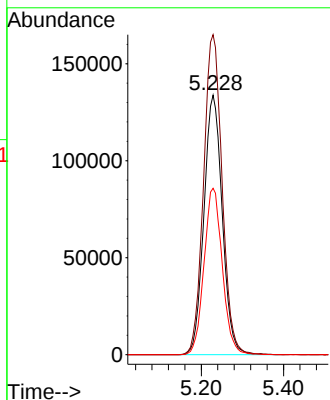
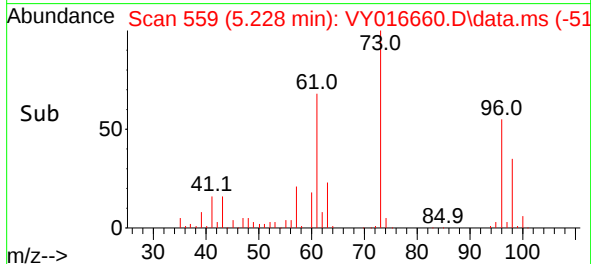
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 414692
Ion Ratio Lower Upper
96 100
61 123.3 110.2 165.4
98 64.1 51.8 77.6

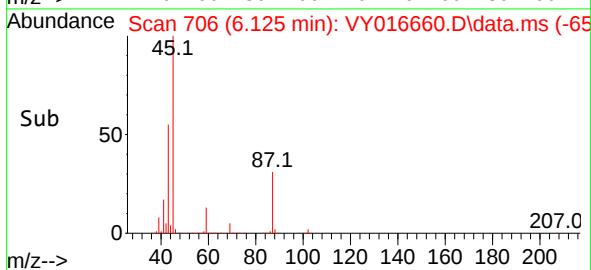
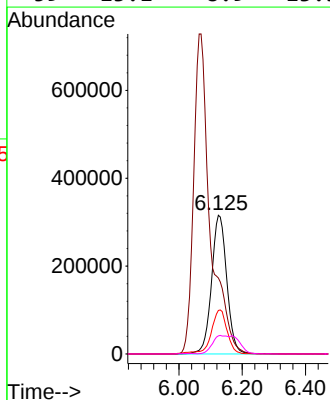
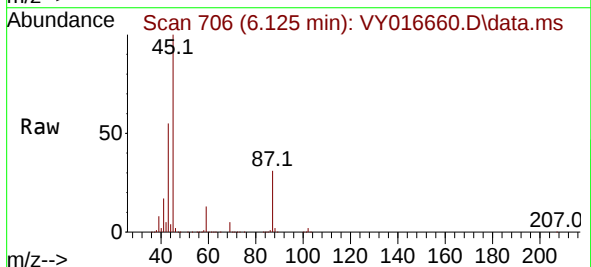
Manual Integrations
APPROVED

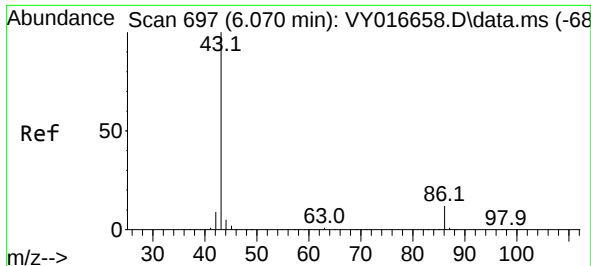
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 156.965 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

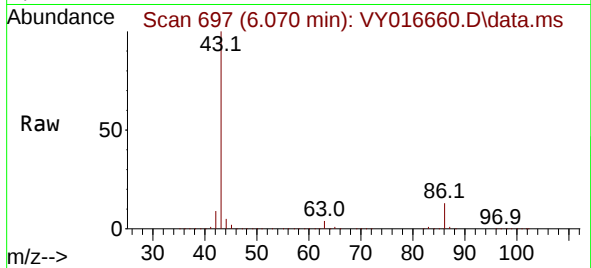
Tgt Ion: 45 Resp: 1056665
Ion Ratio Lower Upper
45 100
43 54.7 52.2 78.4
87 31.4 21.0 31.6
59 13.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 801.734 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

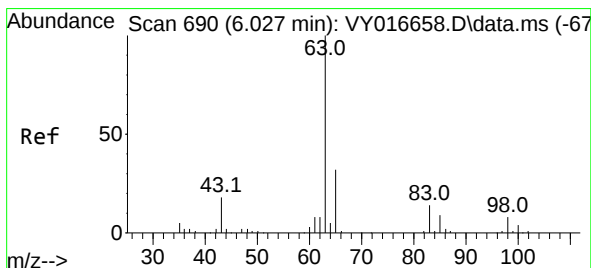
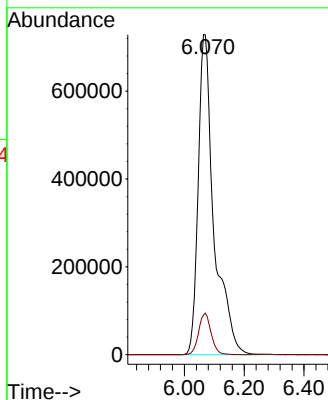
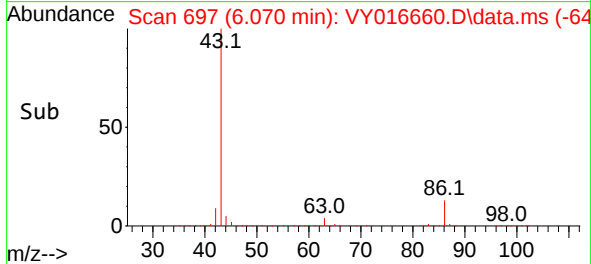
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



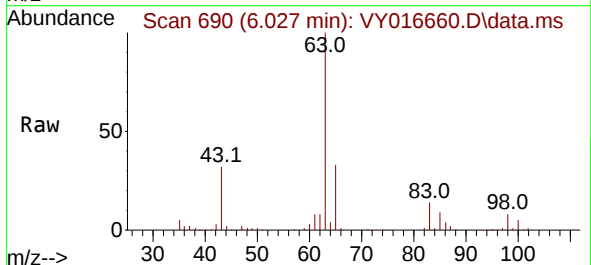
Tgt Ion: 43 Resp: 265939
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.5 11.3

Manual Integrations
 APPROVED

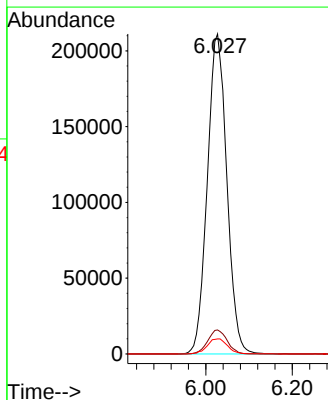
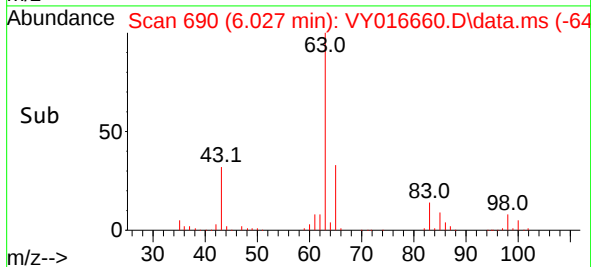
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

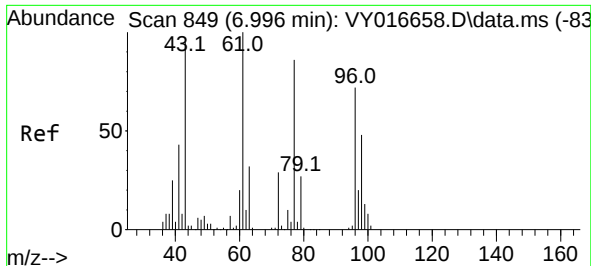


#24
 1,1-Dichloroethane
 Concen: 150.376 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22



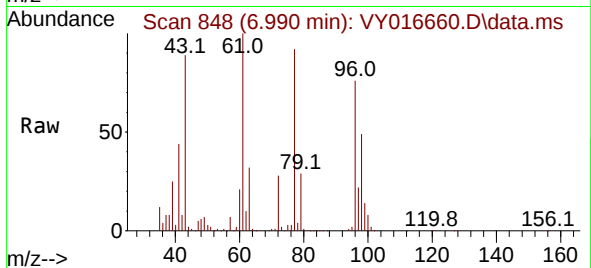
Tgt Ion: 63 Resp: 660603
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 776.989 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

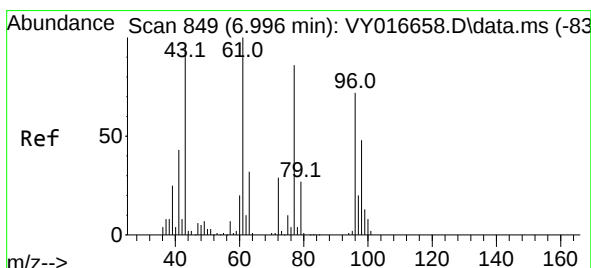
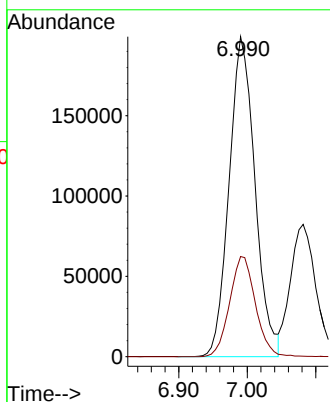
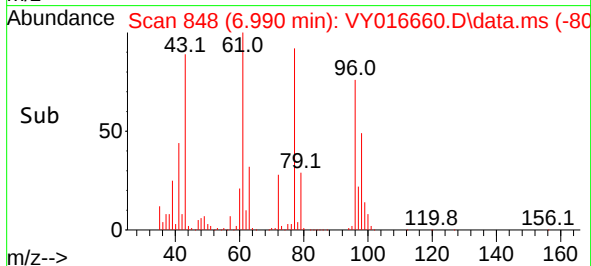
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



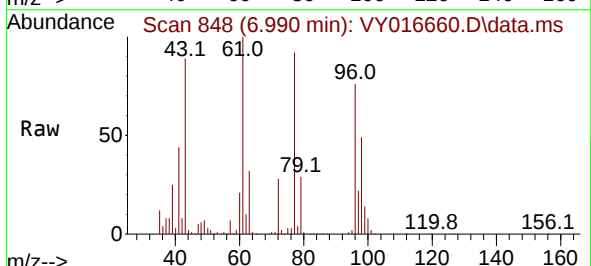
Tgt Ion: 43 Resp: 52335
Ion Ratio Lower Upper
43 100
72 31.3 20.5 30.7

Manual Integrations
APPROVED

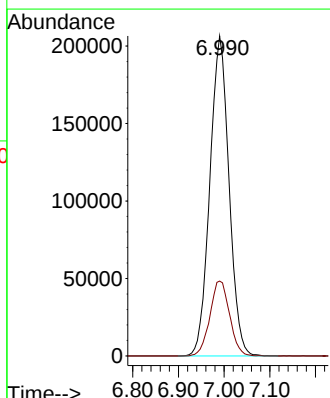
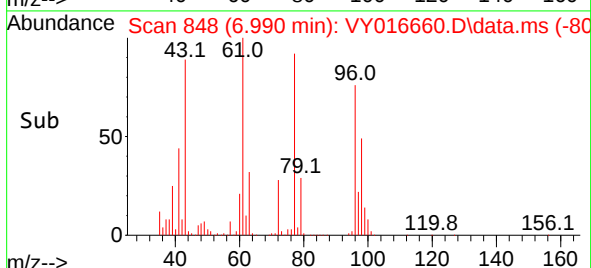
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

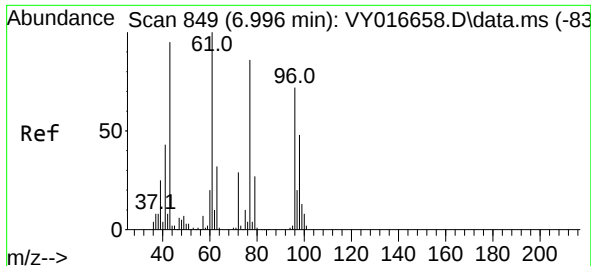


#26
2,2-Dichloropropane
Concen: 154.306 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



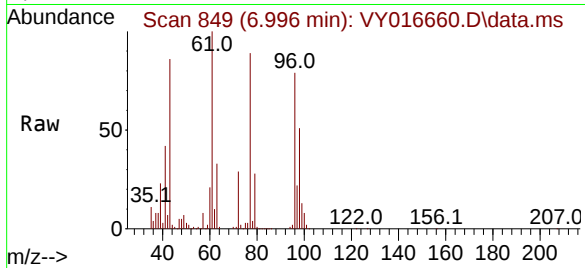
Tgt Ion: 77 Resp: 601833
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 157.758 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

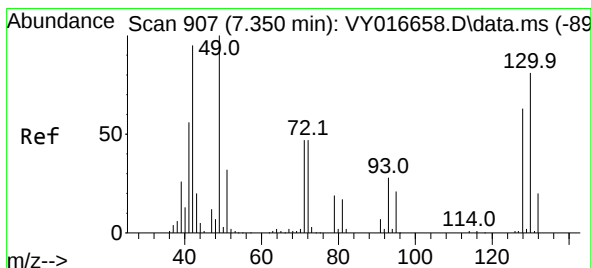
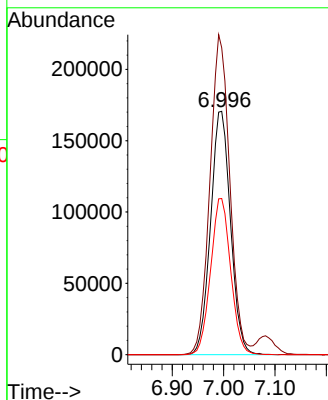
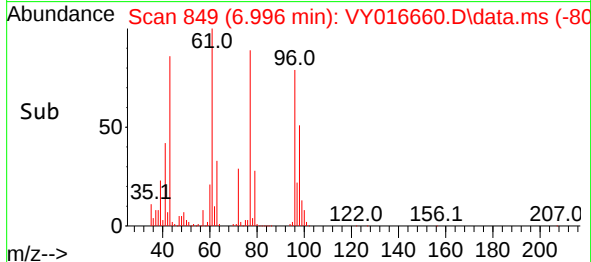
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 459849
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 301.4
 98 64.5 0.0 130.4

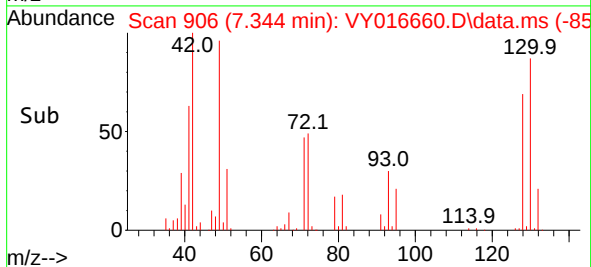
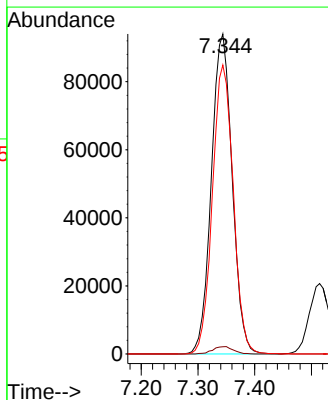
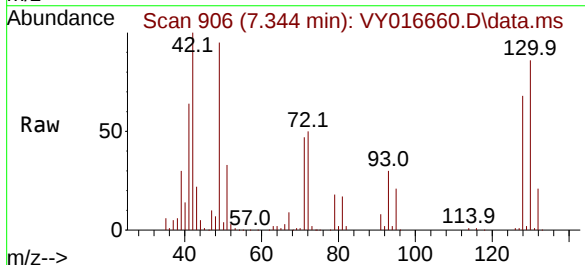
Manual Integrations
 APPROVED

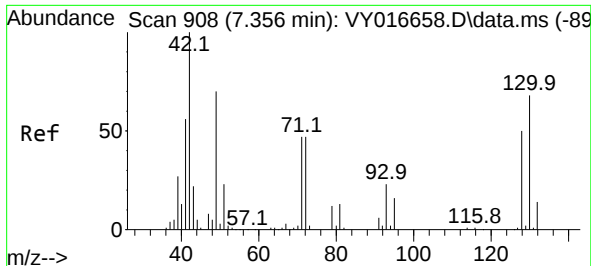
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#28
 Bromochloromethane
 Concen: 148.463 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

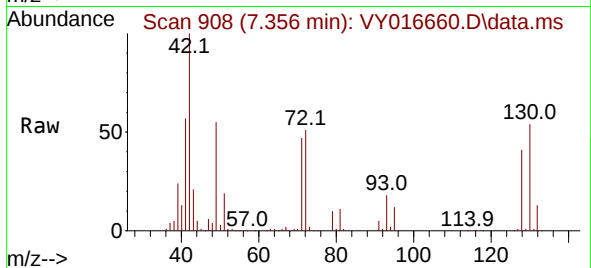
Tgt Ion: 49 Resp: 240093
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 90.1 60.7 91.1





#29
Tetrahydrofuran
Concen: 790.023 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

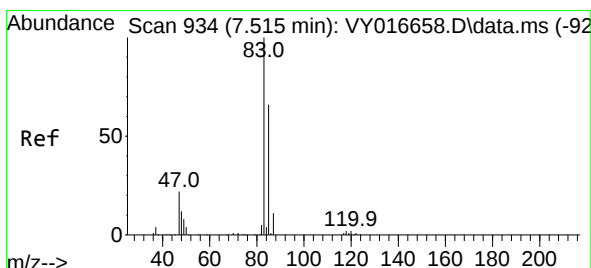
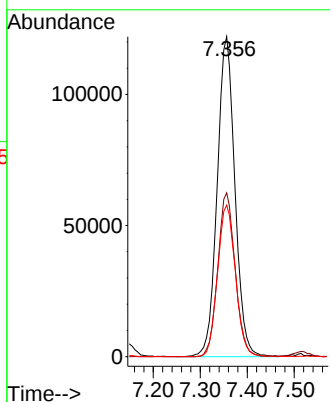
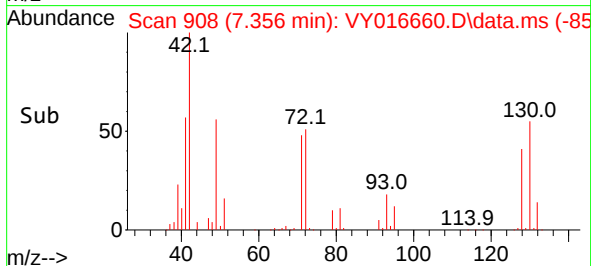
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 320480
Ion Ratio Lower Upper
42 100
72 50.3 32.8 49.2
71 47.7 31.0 46.4

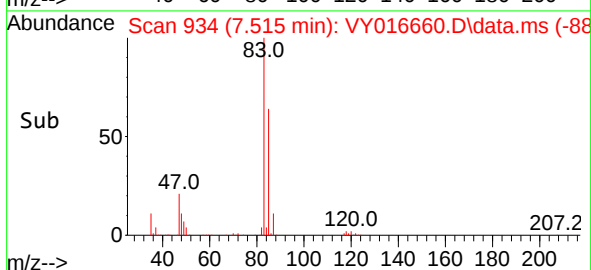
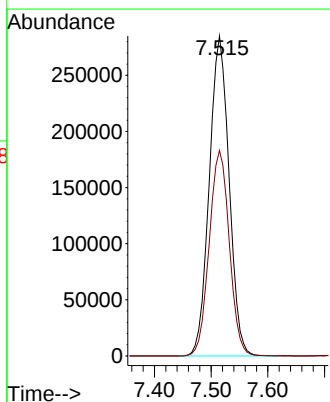
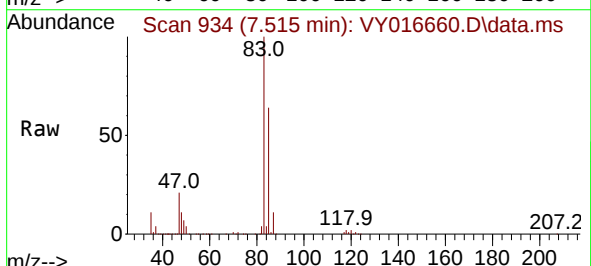
Manual Integrations
APPROVED

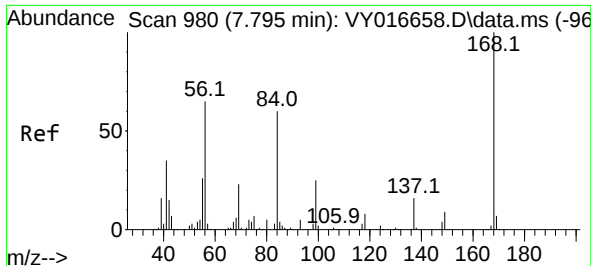
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30
Chloroform
Concen: 151.288 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

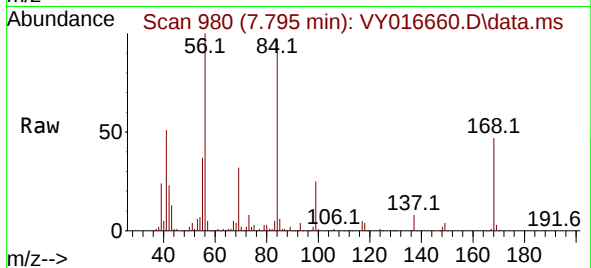
Tgt Ion: 83 Resp: 691185
Ion Ratio Lower Upper
83 100
85 64.2 49.7 74.5





#31
Cyclohexane
Concen: 143.180 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

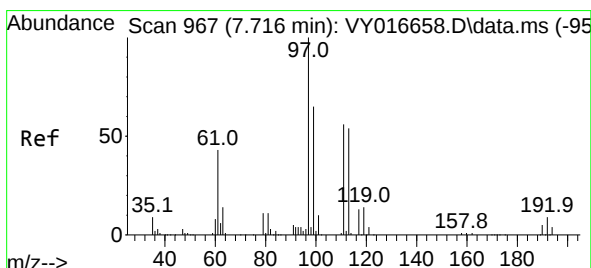
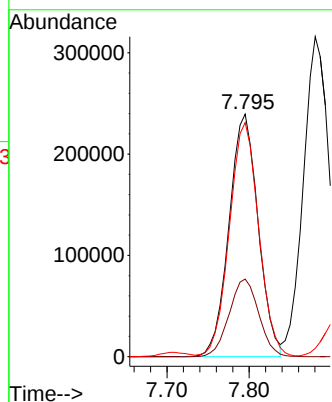
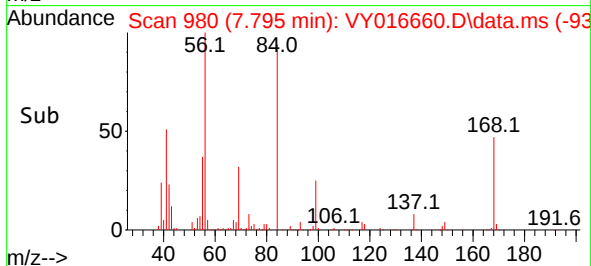
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 589909
Ion Ratio Lower Upper
56 100
69 32.0 27.8 41.6
84 95.1 66.4 99.6

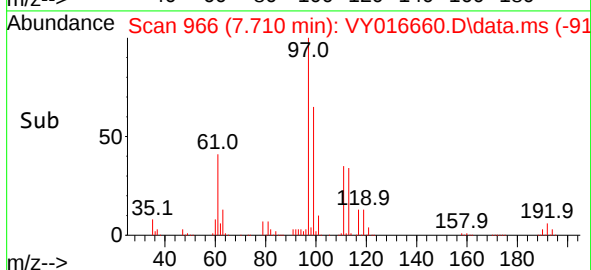
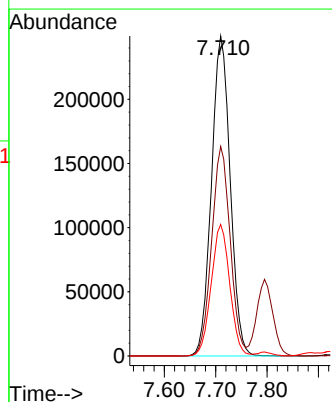
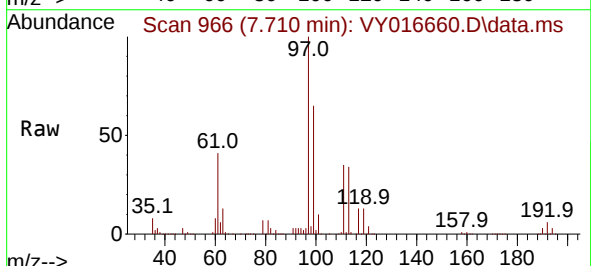
Manual Integrations
APPROVED

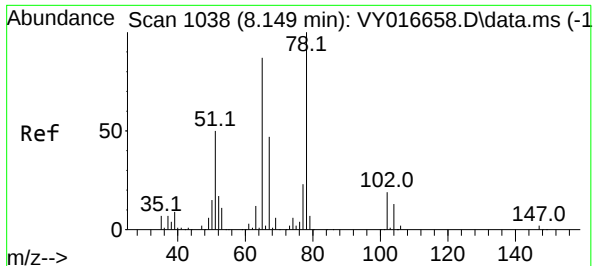
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 154.024 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 97 Resp: 631288
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 145.442 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 30468

Ion Ratio Lower Upper

65 100

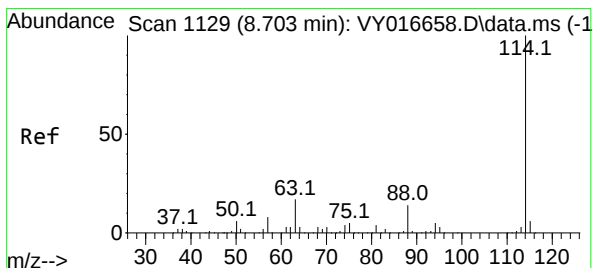
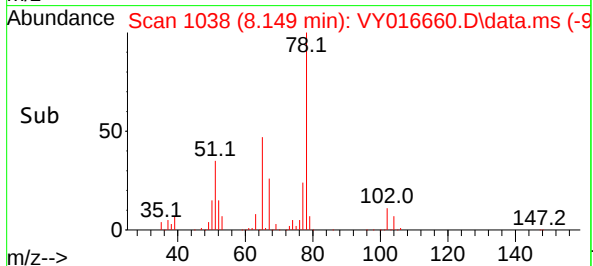
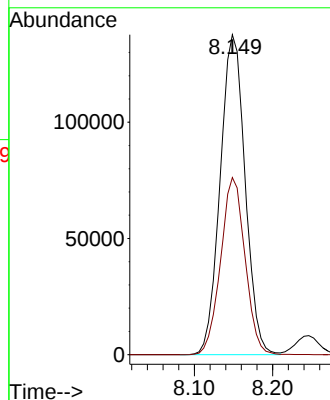
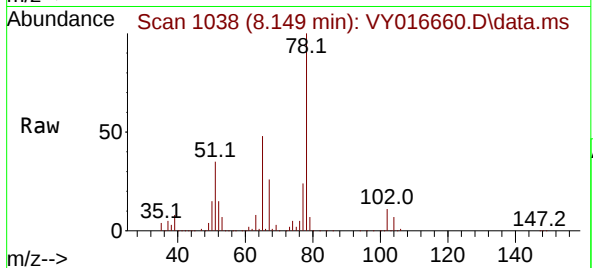
67 54.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

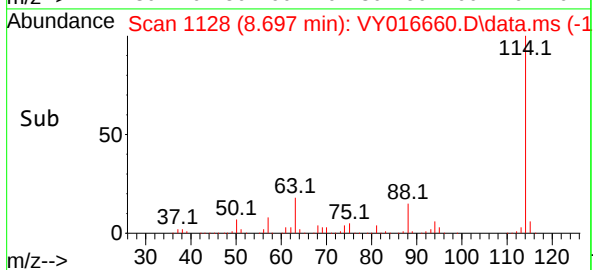
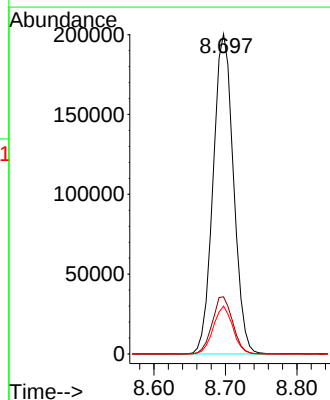
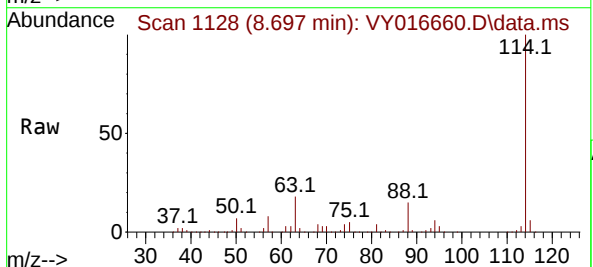
Tgt Ion:114 Resp: 395882

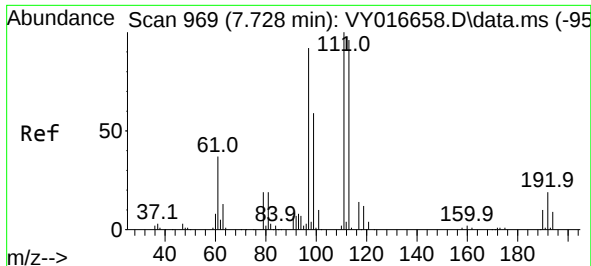
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

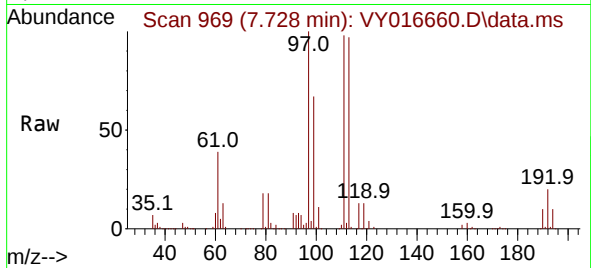
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 151.327 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

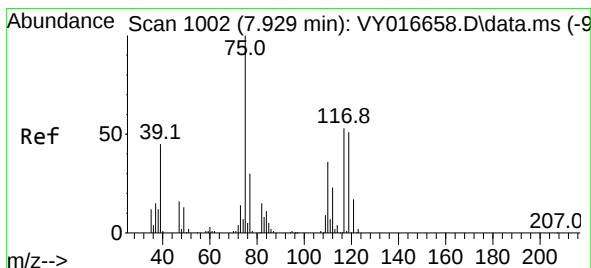
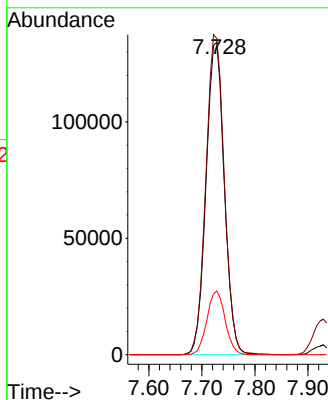
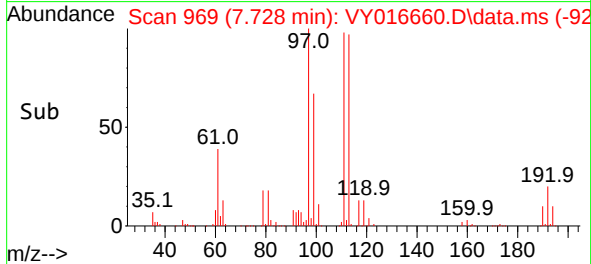
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



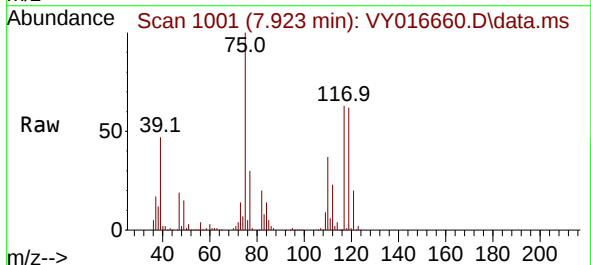
Tgt Ion:113 Resp: 321339
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.3 16.9 25.3

Manual Integrations
APPROVED

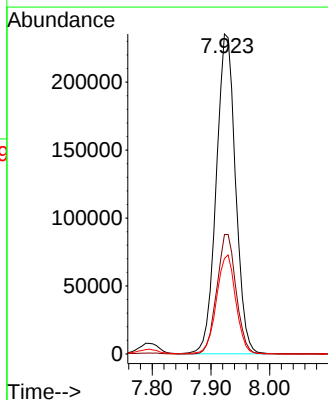
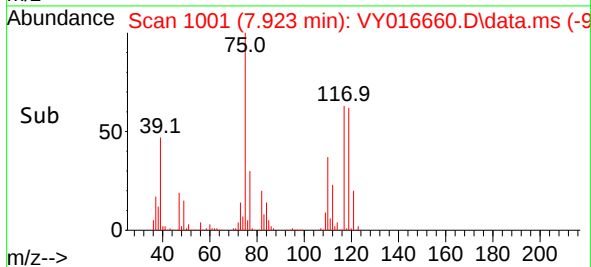
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

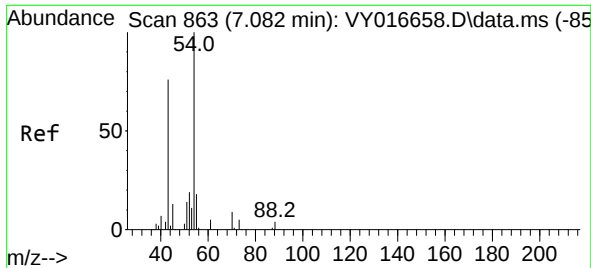


#36
1,1-Dichloropropene
Concen: 152.465 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



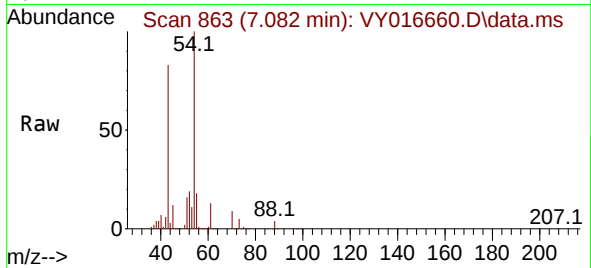
Tgt Ion: 75 Resp: 536237
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 148.409 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

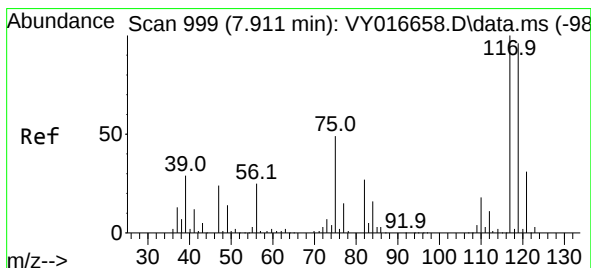
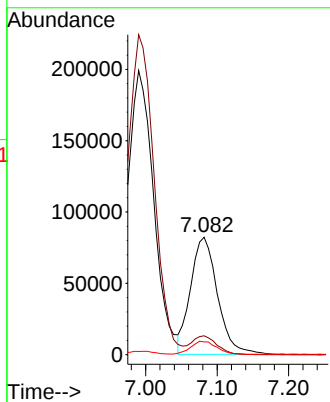
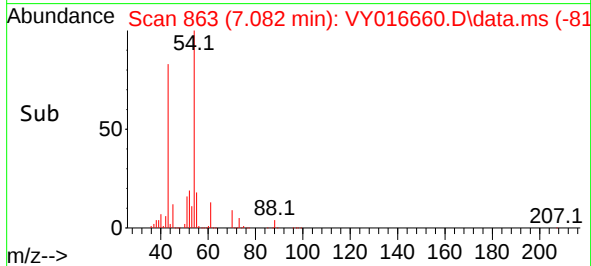
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 215104
Ion Ratio Lower Upper
43 100
61 15.7 10.1 15.1
70 11.3 7.1 10.7

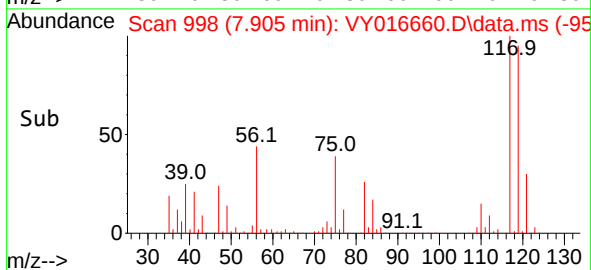
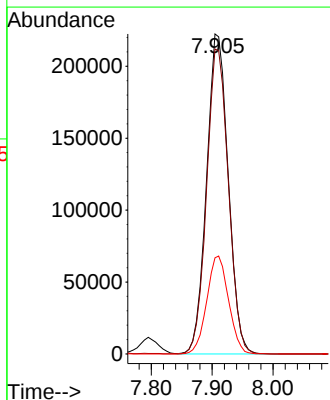
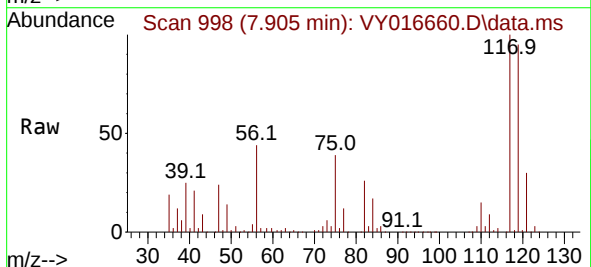
Manual Integrations
APPROVED

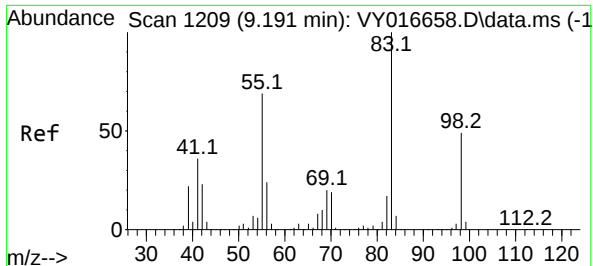
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38
Carbon Tetrachloride
Concen: 155.689 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:117 Resp: 550024
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 163.210 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 72146

Ion Ratio Lower Upper

83 100

55 68.1 63.0 94.4

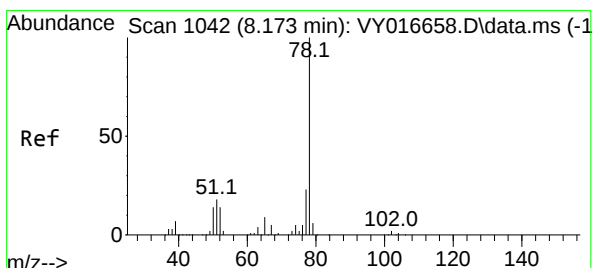
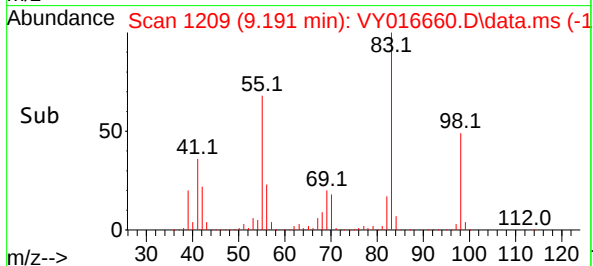
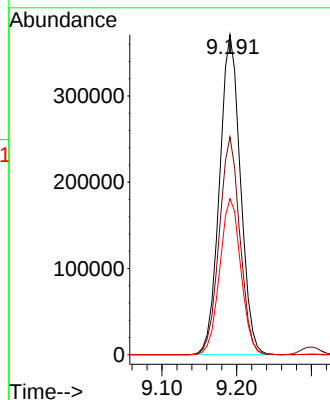
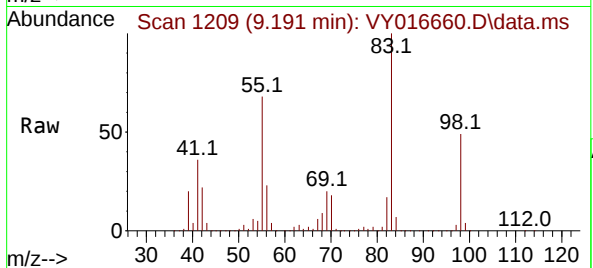
98 48.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 156.980 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016660.D

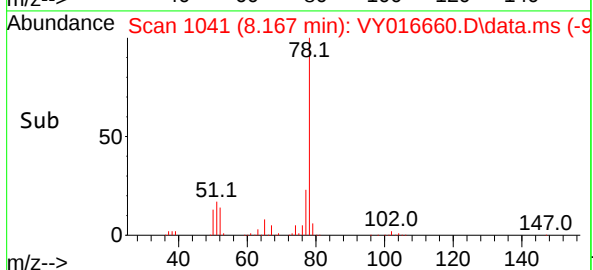
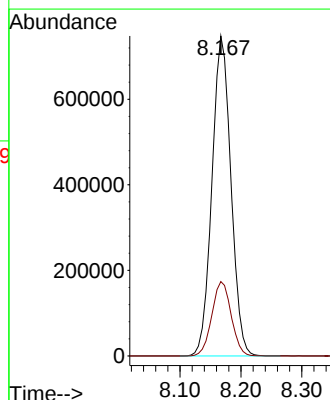
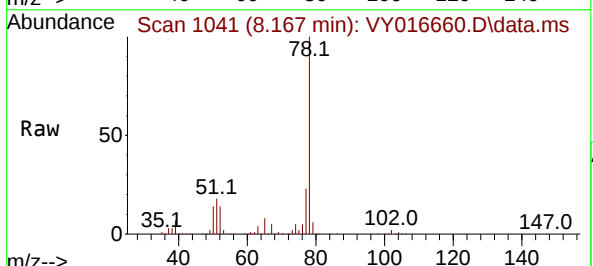
Acq: 15 Dec 2023 18:22

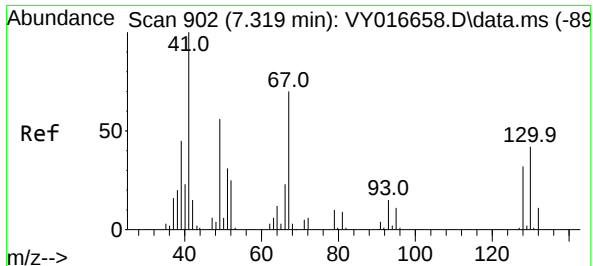
Tgt Ion: 78 Resp: 1618169

Ion Ratio Lower Upper

78 100

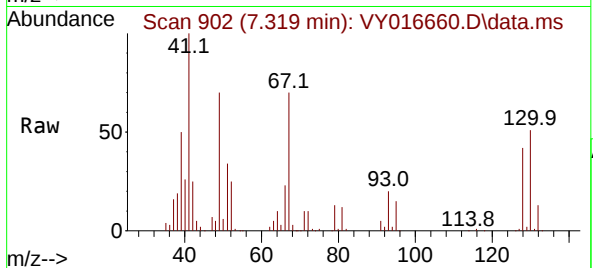
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 146.032 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

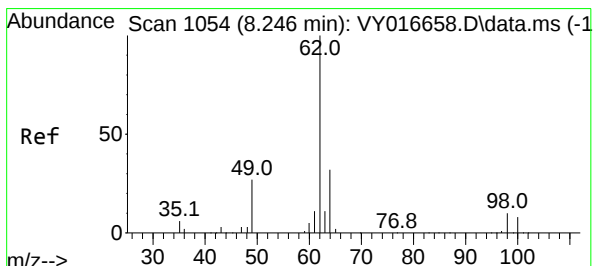
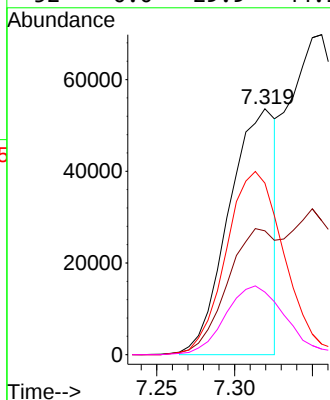
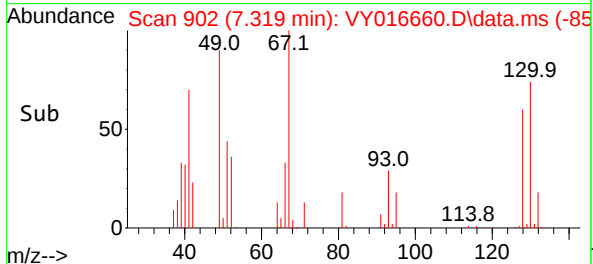
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



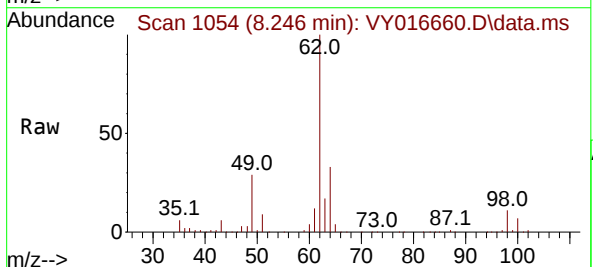
Tgt Ion: 41 Resp: 112390
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

Manual Integrations
APPROVED

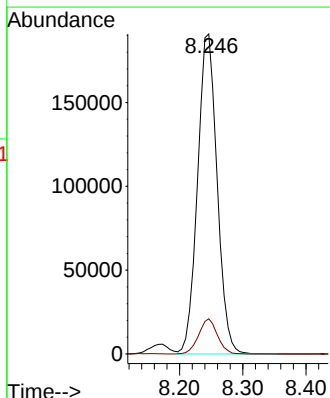
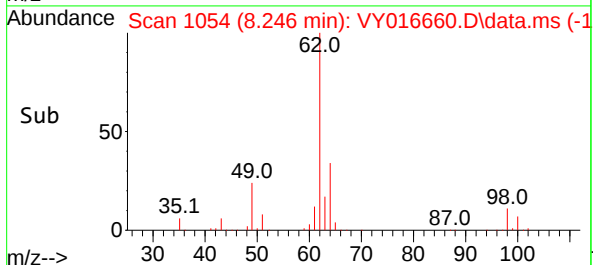
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

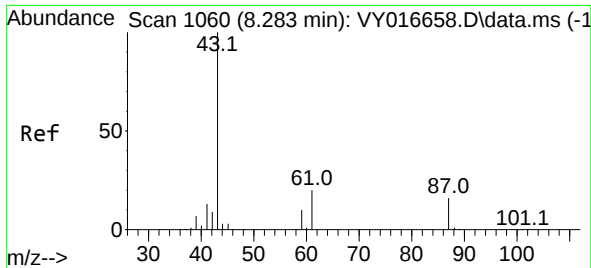


#42
1,2-Dichloroethane
Concen: 156.104 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



Tgt Ion: 62 Resp: 411271
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





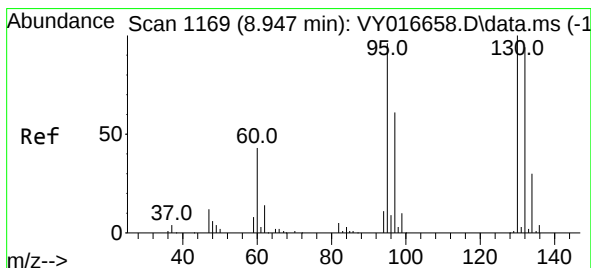
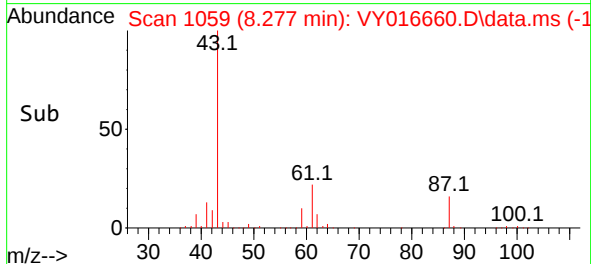
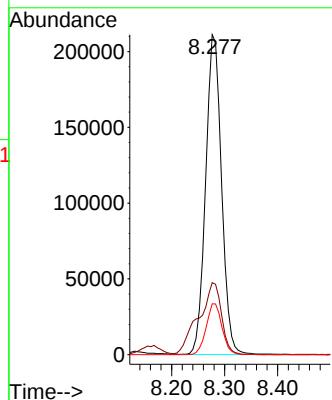
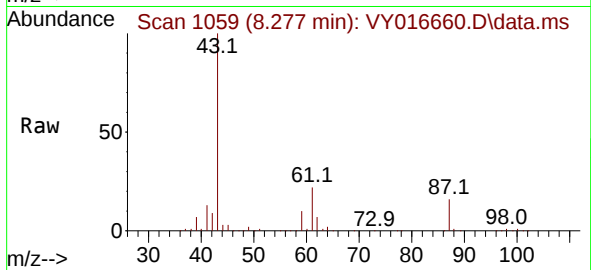
#43
Isopropyl Acetate
Concen: 165.016 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 439560
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7
87 15.9 9.8 14.8

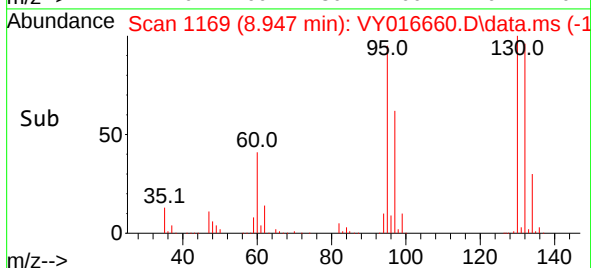
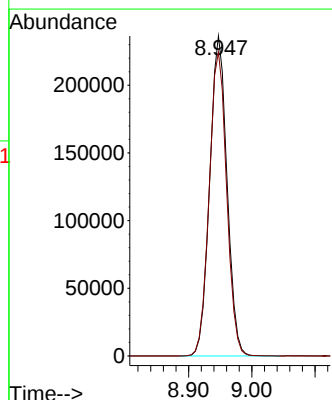
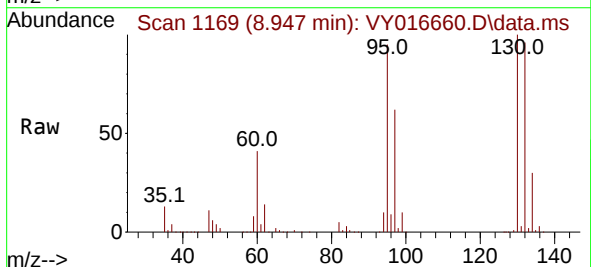
Manual Integrations
APPROVED

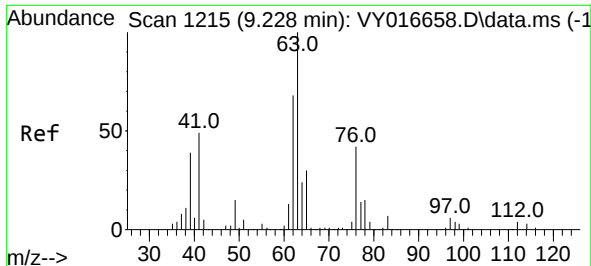
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 156.755 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:130 Resp: 450024
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 156.074 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 37585

Ion Ratio Lower Upper

63 100

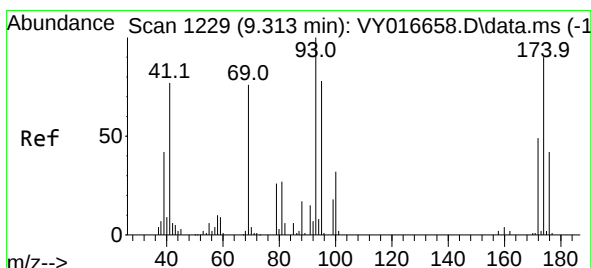
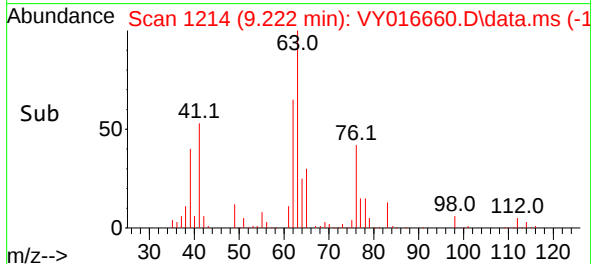
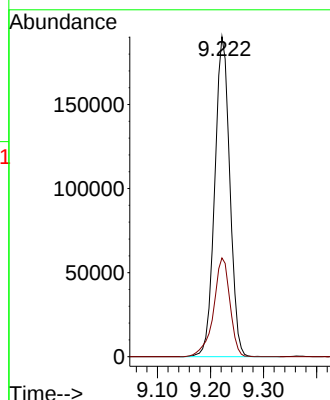
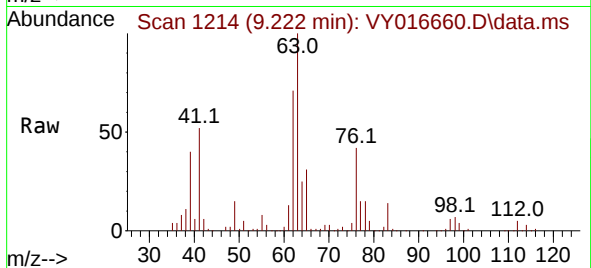
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 160.510 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

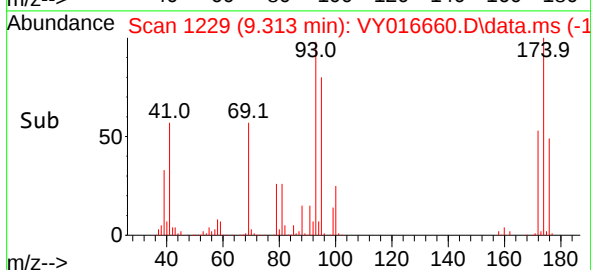
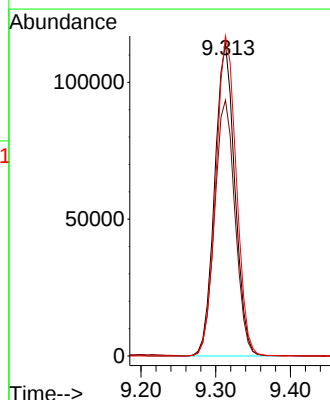
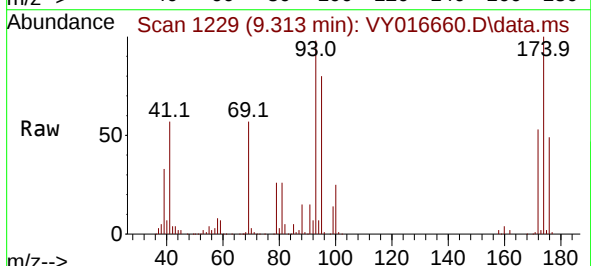
Tgt Ion: 93 Resp: 213763

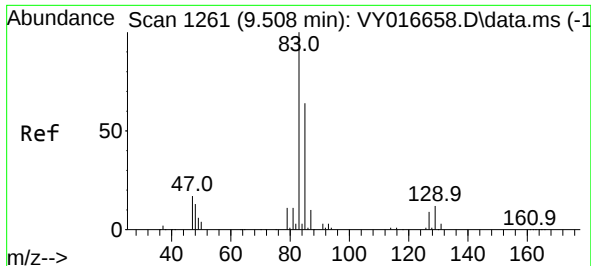
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 103.8 84.8 127.2





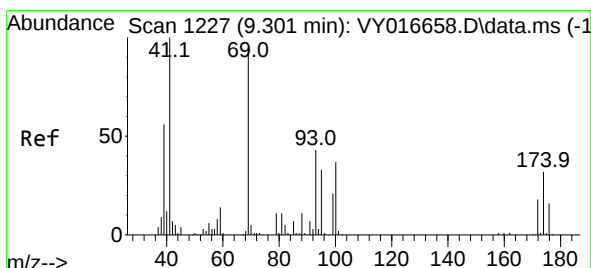
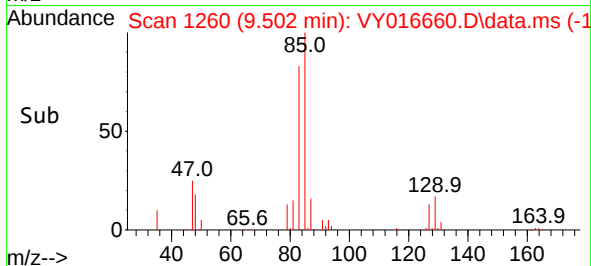
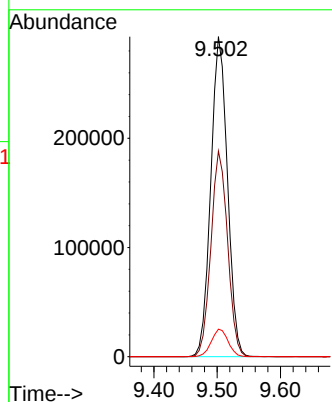
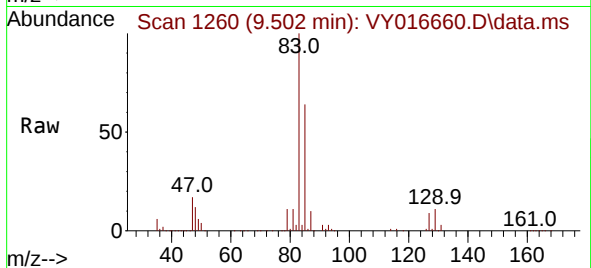
#47
Bromodichloromethane
Concen: 159.293 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 53601
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.6 7.1 10.7

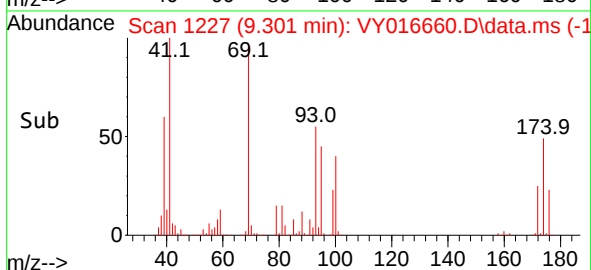
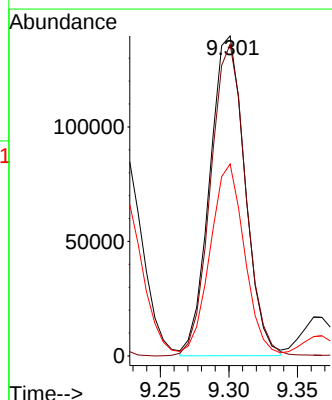
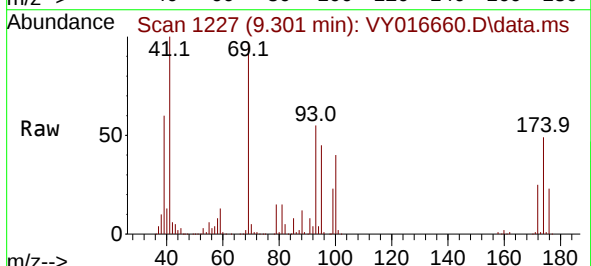
Manual Integrations
APPROVED

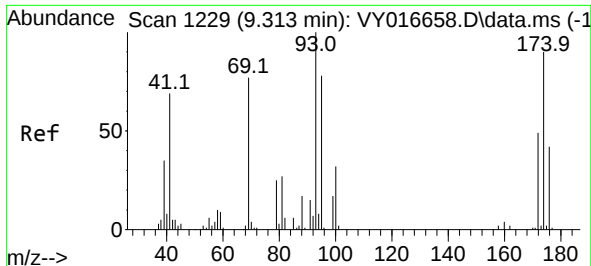
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 169.121 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 41 Resp: 249462
Ion Ratio Lower Upper
41 100
69 97.1 64.5 96.7
39 56.3 50.8 76.2





#49

1,4-Dioxane

Concen: 3288.281 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 4691

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0

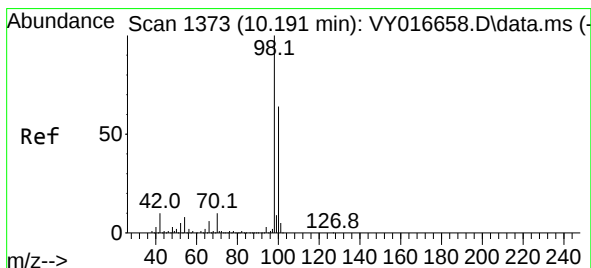
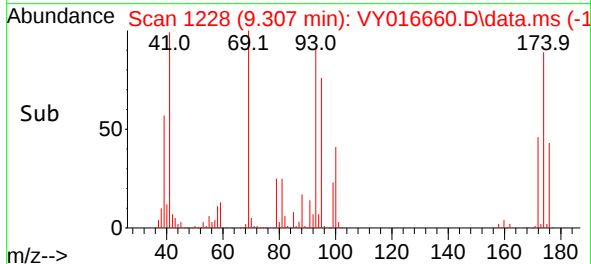
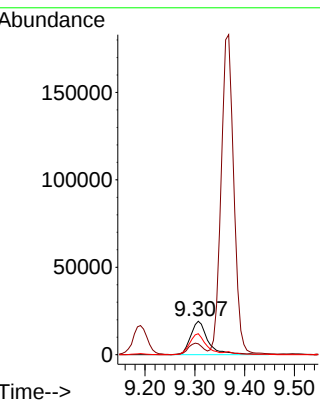
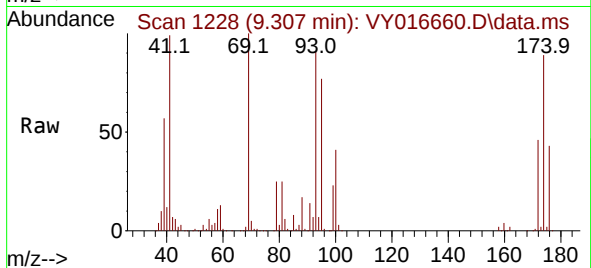
58 58.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 146.214 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016660.D

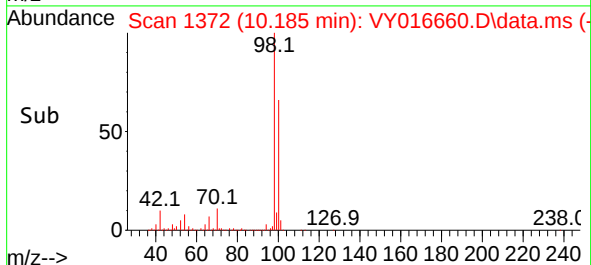
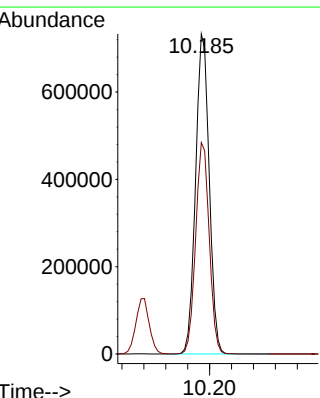
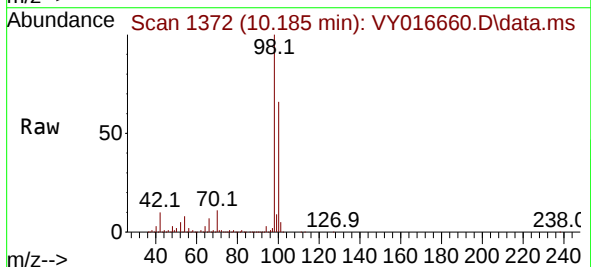
Acq: 15 Dec 2023 18:22

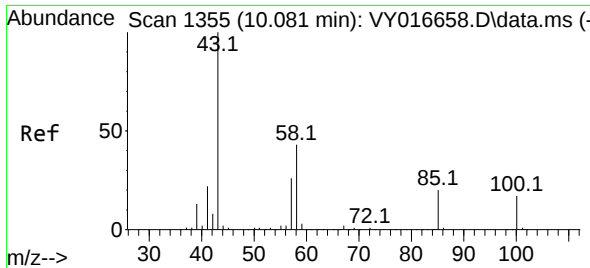
Tgt Ion: 98 Resp: 1258955

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





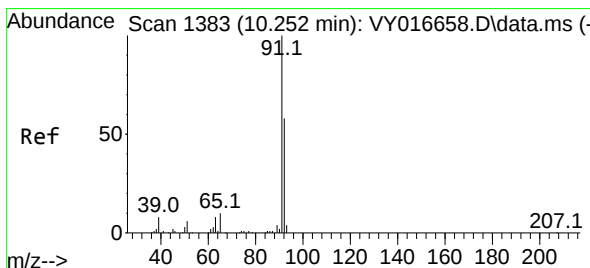
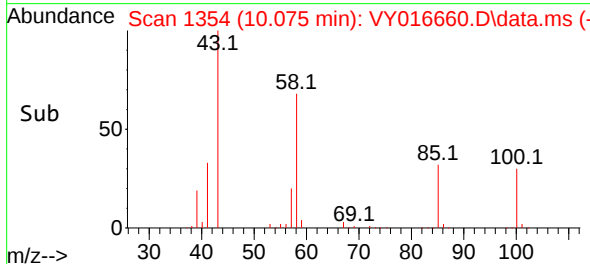
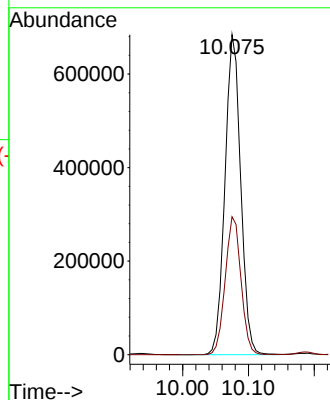
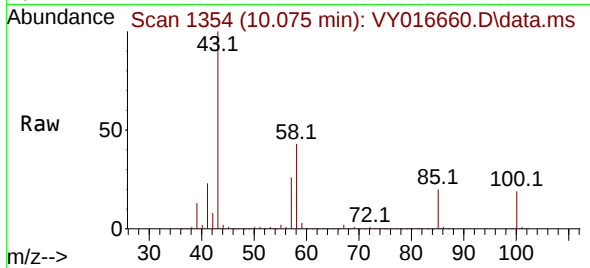
#51
4-Methyl-2-Pentanone
Concen: 813.953 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 113714
Ion Ratio Lower Upper
43 100
58 43.3 29.0 43.6

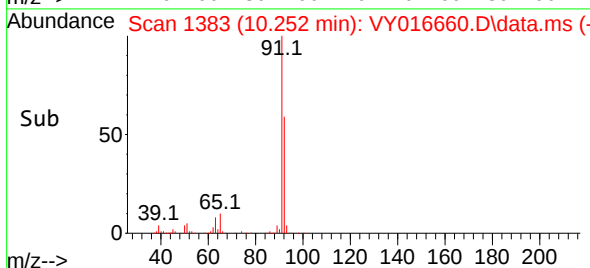
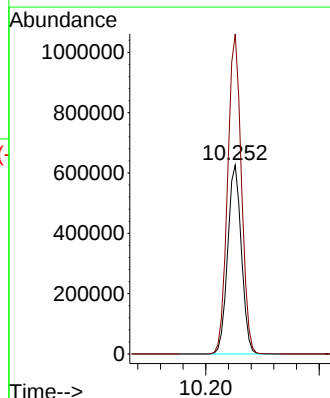
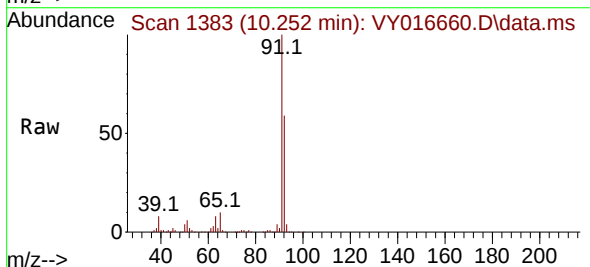
Manual Integrations
APPROVED

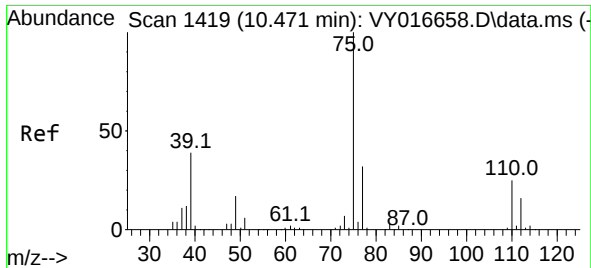
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 162.331 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

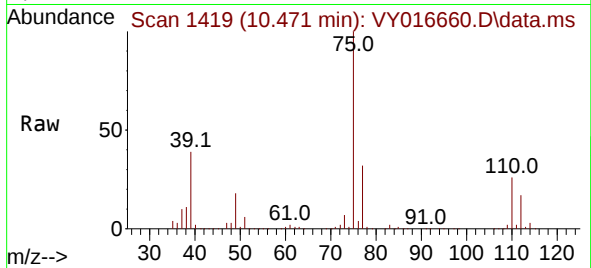
Tgt Ion: 92 Resp: 1048164
Ion Ratio Lower Upper
92 100
91 169.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 165.796 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

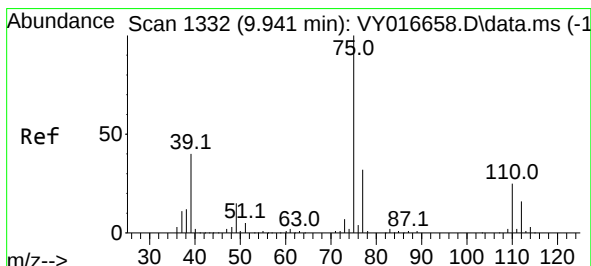
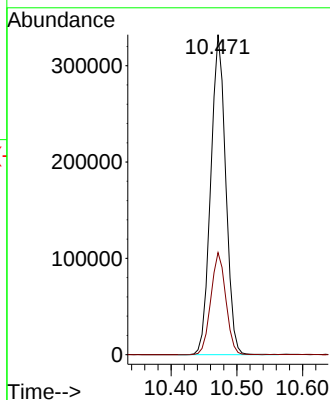
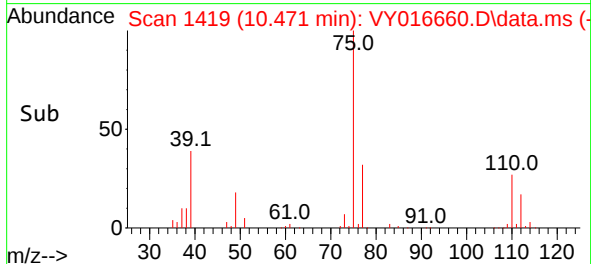
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



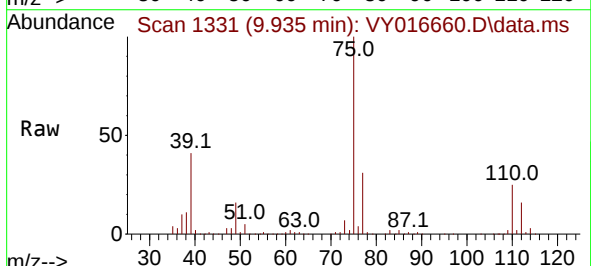
Tgt Ion: 75 Resp: 52630
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

Manual Integrations
APPROVED

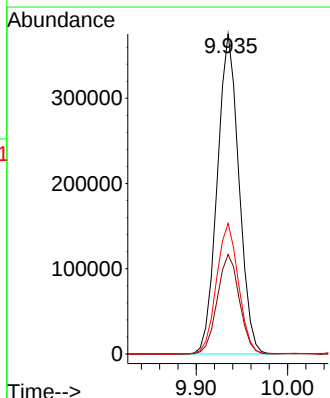
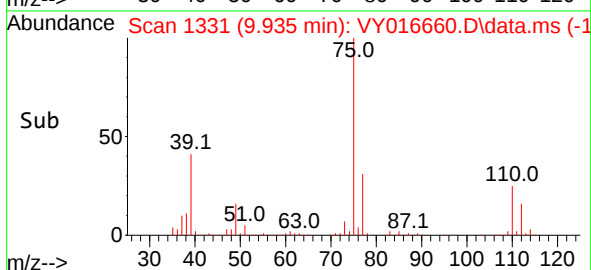
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

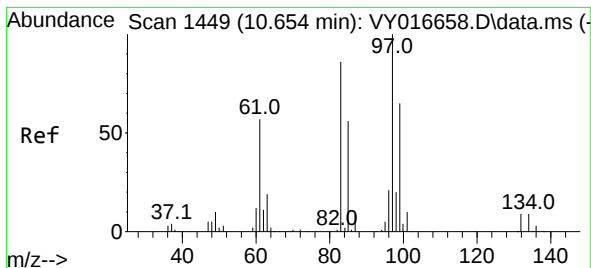


#54
cis-1,3-Dichloropropene
Concen: 162.062 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



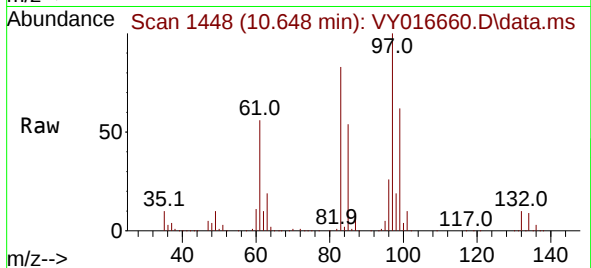
Tgt Ion: 75 Resp: 618537
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 40.8 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 157.826 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

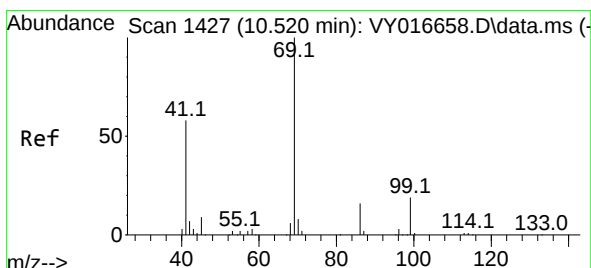
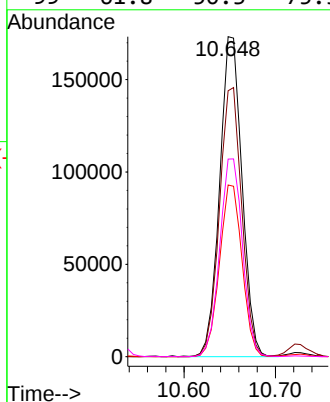
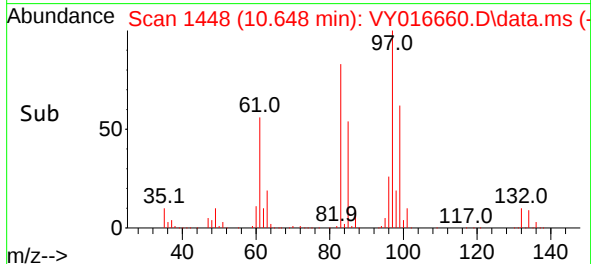
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



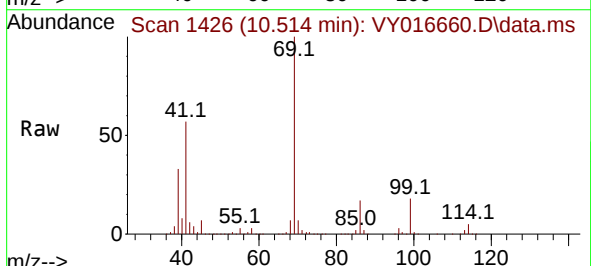
Tgt Ion: 97 Resp: 295336
Ion Ratio Lower Upper
97 100
83 83.1 72.0 108.0
85 53.7 45.4 68.0
99 61.8 50.3 75.5

Manual Integrations
APPROVED

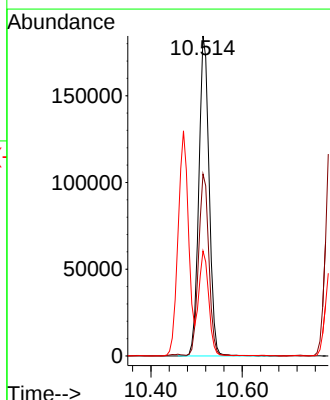
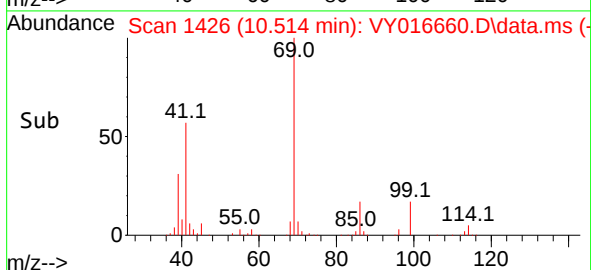
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

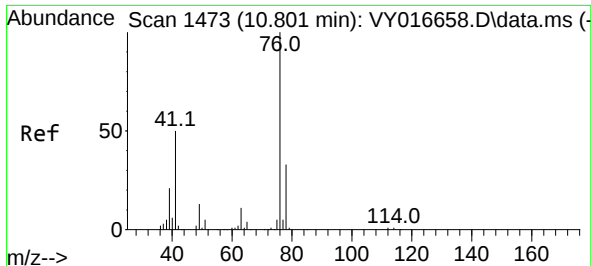


#56
Ethyl methacrylate
Concen: 177.387 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



Tgt Ion: 69 Resp: 287796
Ion Ratio Lower Upper
69 100
41 56.7 57.6 86.4#
39 31.2 34.1 51.1#





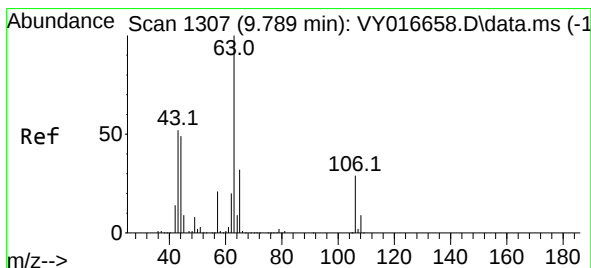
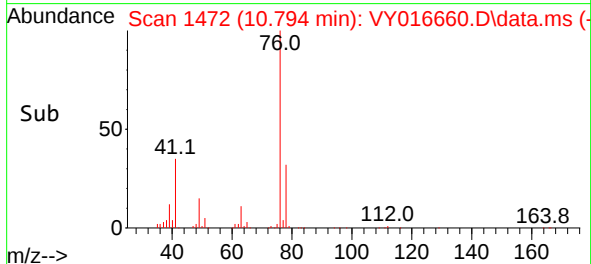
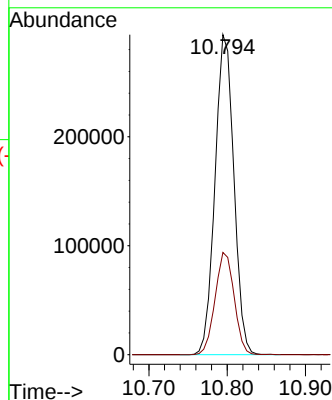
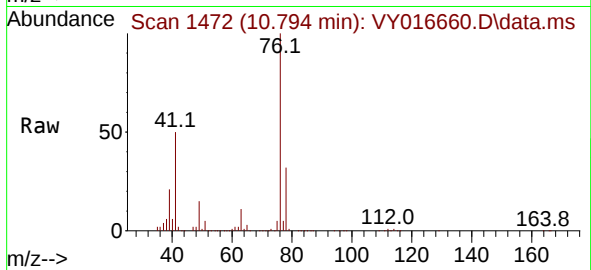
#57
1,3-Dichloropropane
Concen: 157.637 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 490920
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

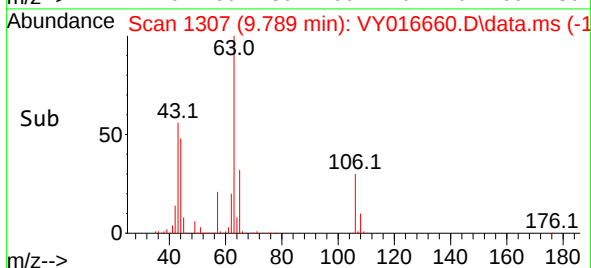
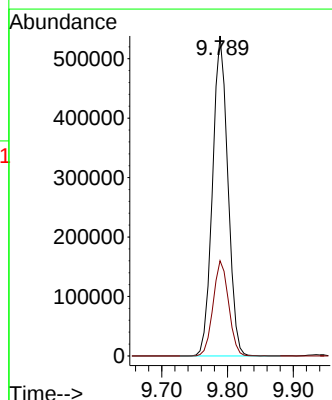
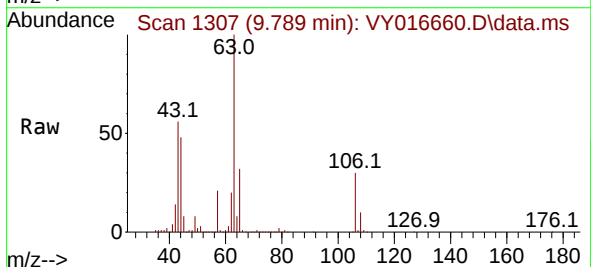
Manual Integrations
APPROVED

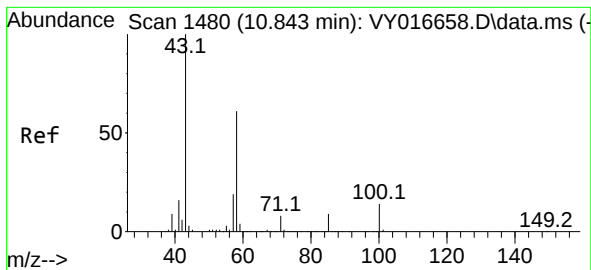
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 747.822 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

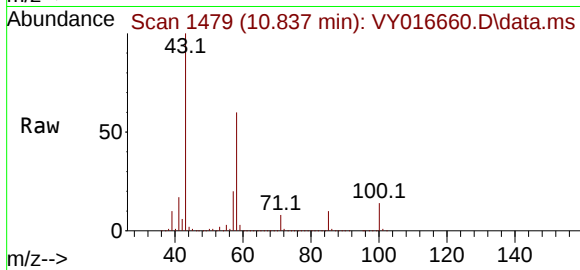
Tgt Ion: 63 Resp: 873620
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 703.382 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

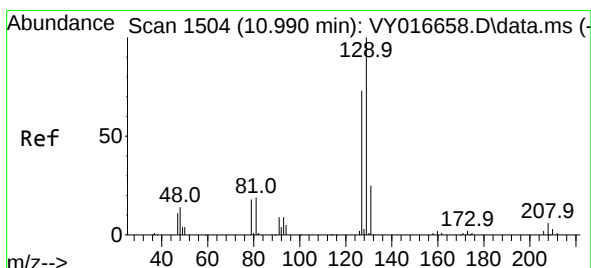
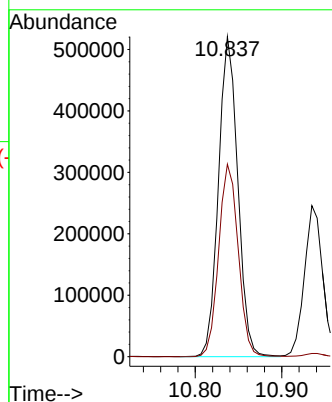
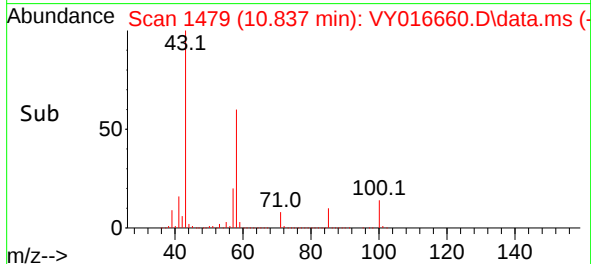
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 806188
Ion Ratio Lower Upper
43 100
58 61.0 25.1 75.3

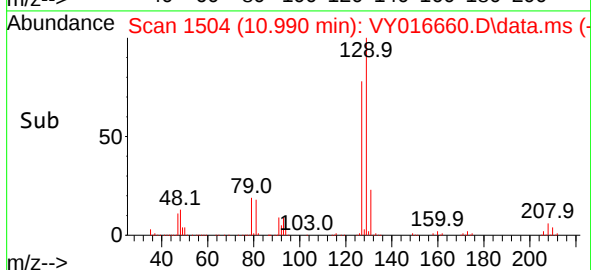
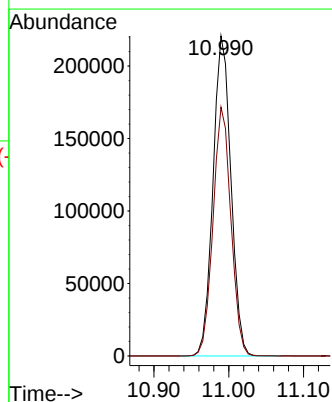
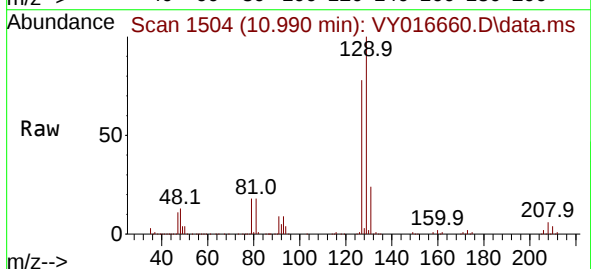
Manual Integrations
APPROVED

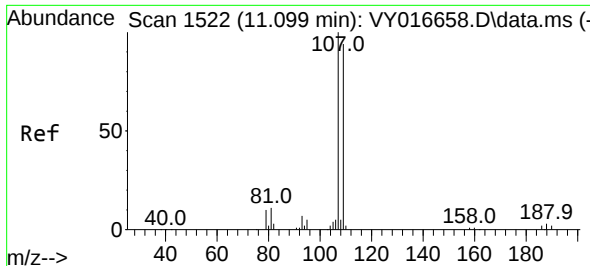
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 162.523 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

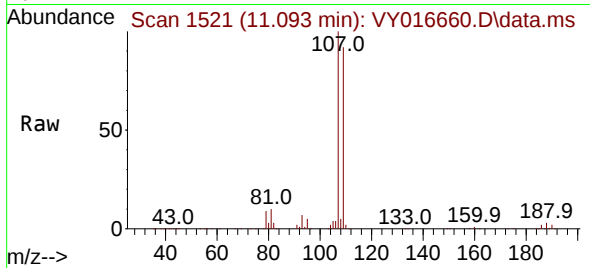
Tgt Ion:129 Resp: 368576
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 161.301 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

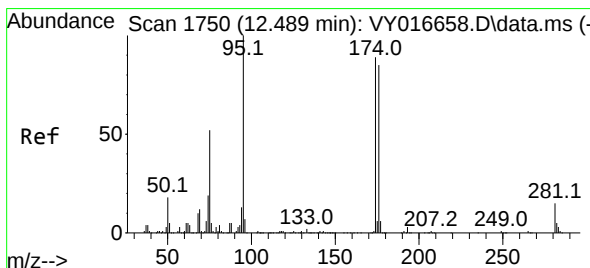
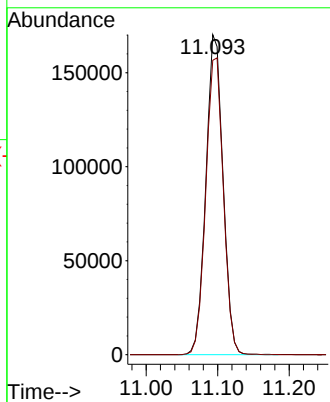
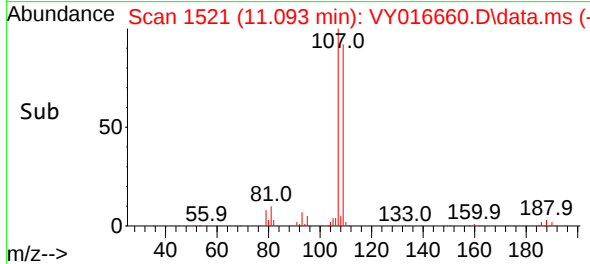
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



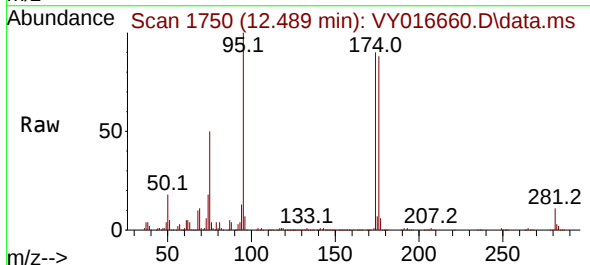
Tgt Ion:107 Resp: 28329
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

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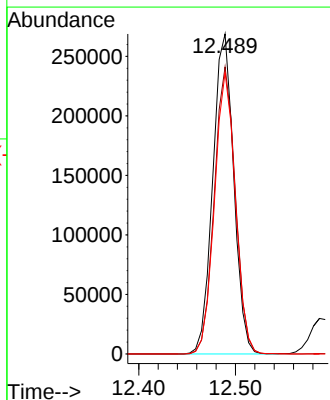
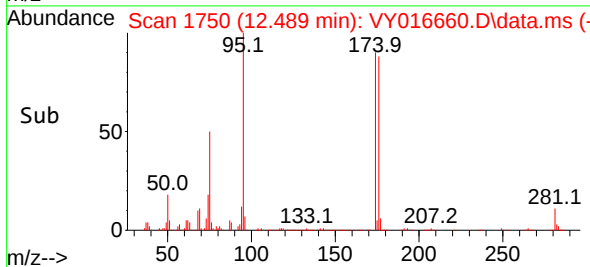
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

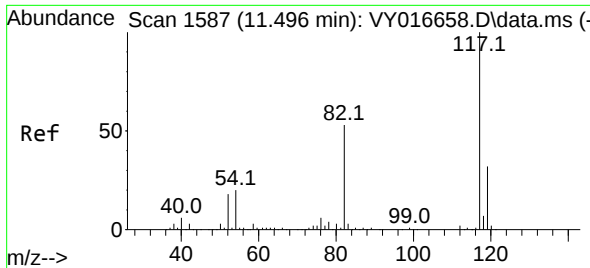


#62
4-Bromofluorobenzene
Concen: 148.297 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



Tgt Ion: 95 Resp: 403560
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 87.6 0.0 173.8





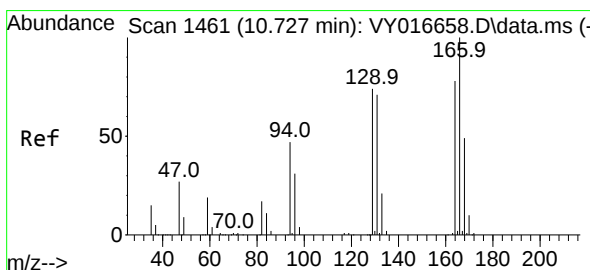
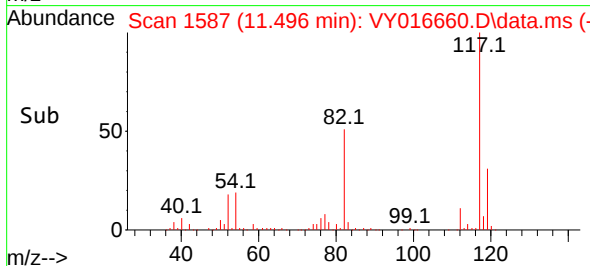
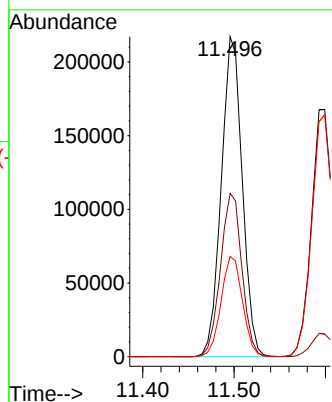
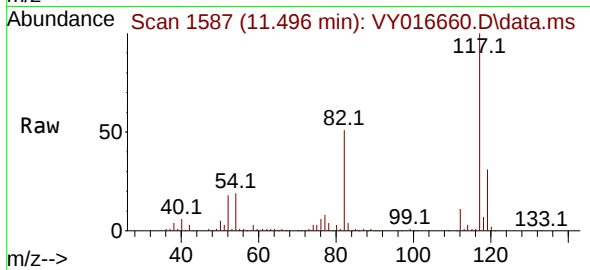
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 346548
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 31.4 26.3 39.5

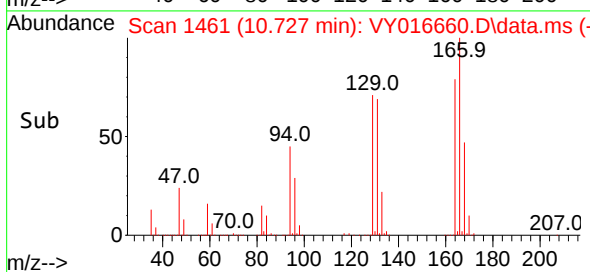
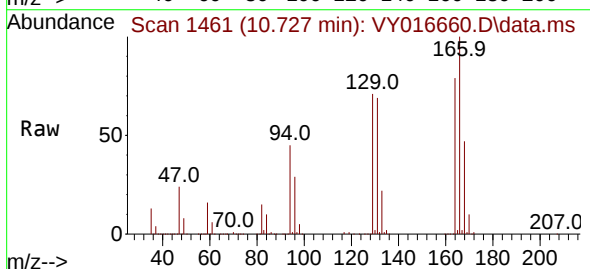
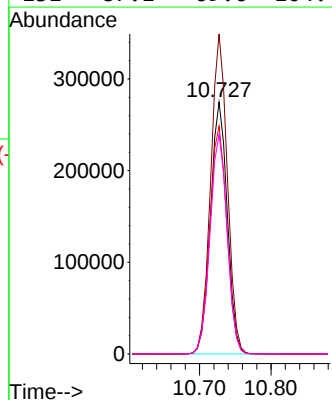
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APPROVED

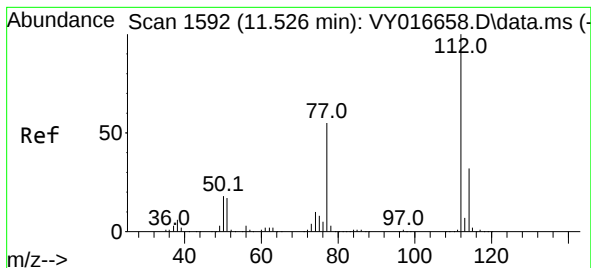
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Tetrachloroethene
Concen: 158.114 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:164 Resp: 448912
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 90.4 77.2 115.8
131 87.1 69.6 104.4





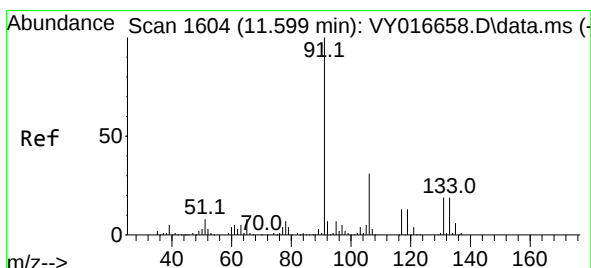
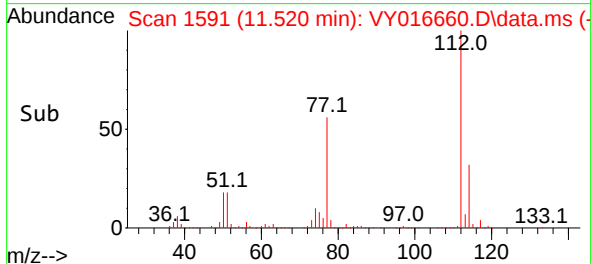
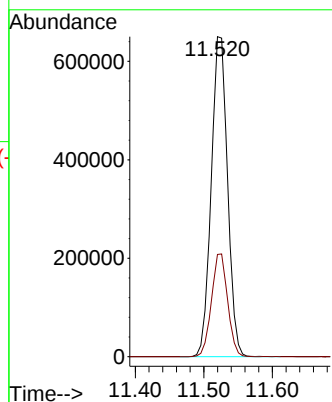
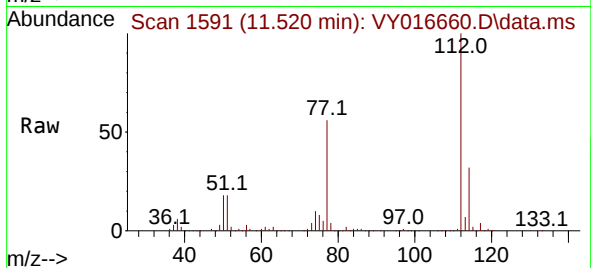
#65
Chlorobenzene
Concen: 158.842 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1073689
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

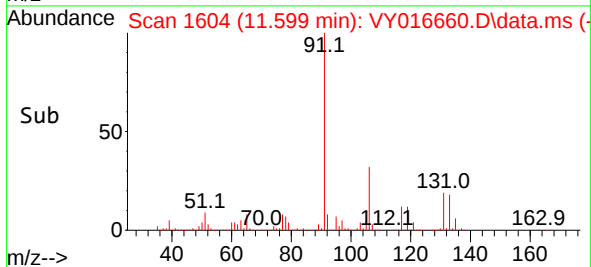
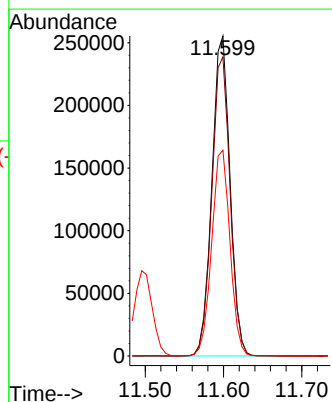
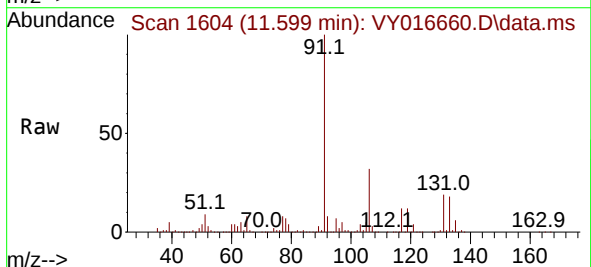
Manual Integrations
APPROVED

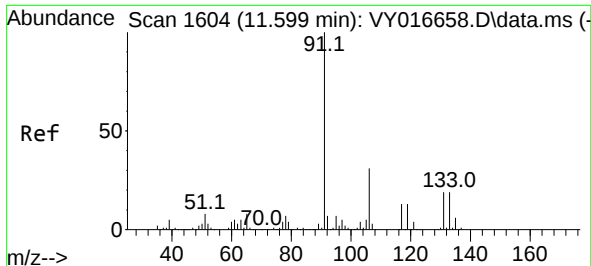
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 165.759 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:131 Resp: 409772
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 164.859 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 200484

Ion Ratio Lower Upper

91 100

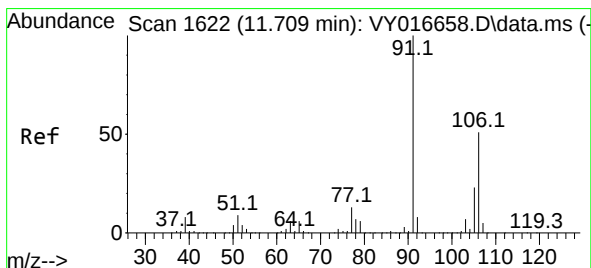
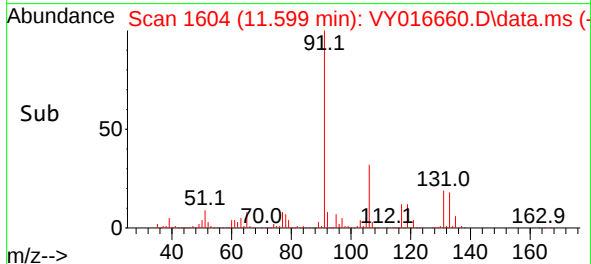
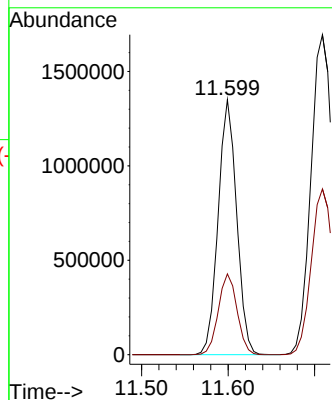
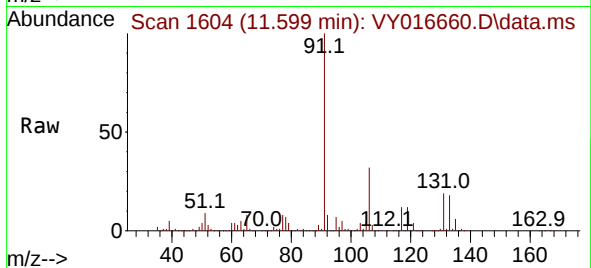
106 31.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 330.889 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016660.D

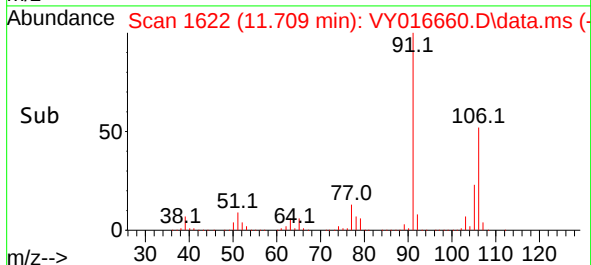
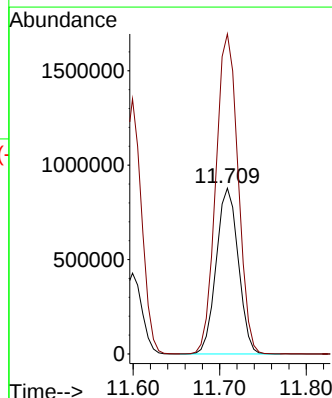
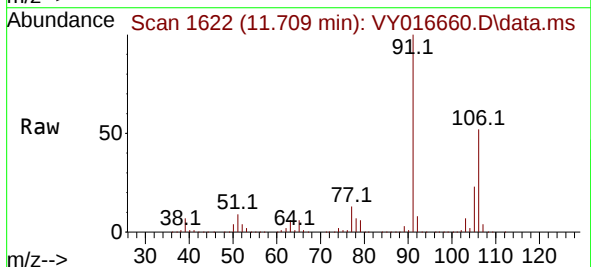
Acq: 15 Dec 2023 18:22

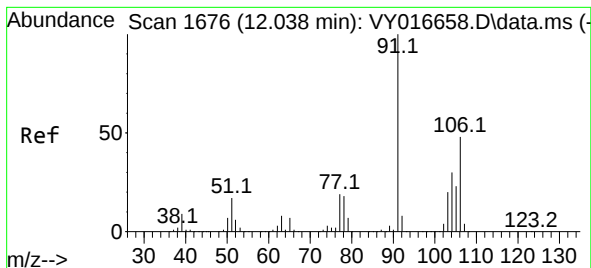
Tgt Ion:106 Resp: 1552381

Ion Ratio Lower Upper

106 100

91 194.6 166.1 249.1





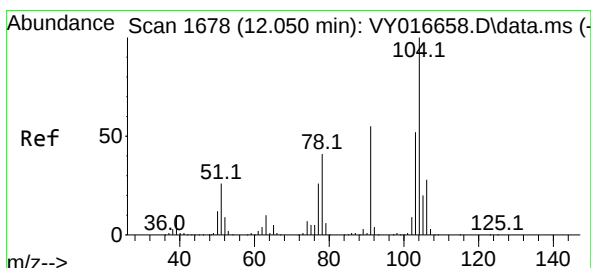
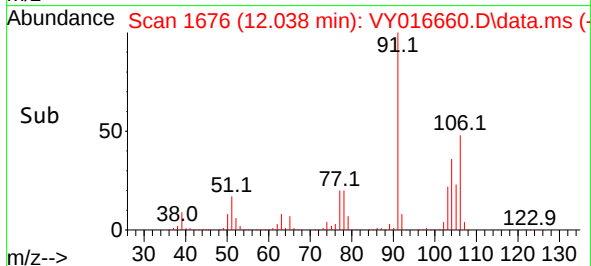
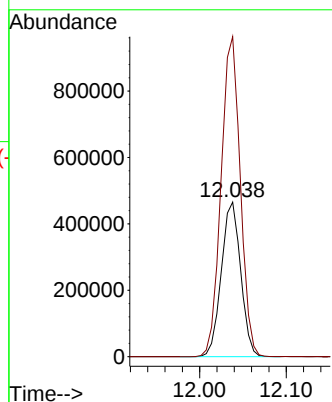
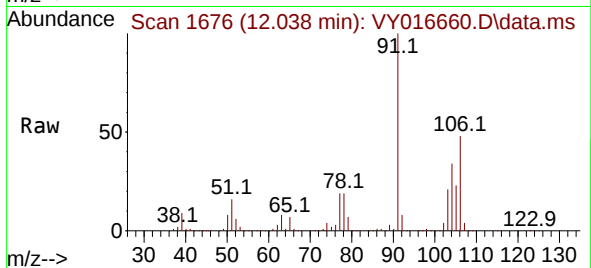
#69
o-Xylene
Concen: 168.071 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 721240
Ion Ratio Lower Upper
106 100
91 206.1 108.1 324.3

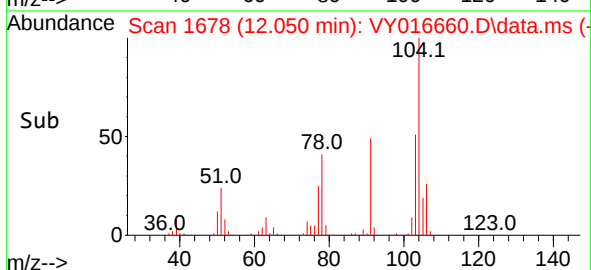
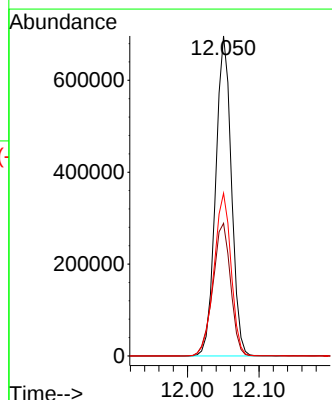
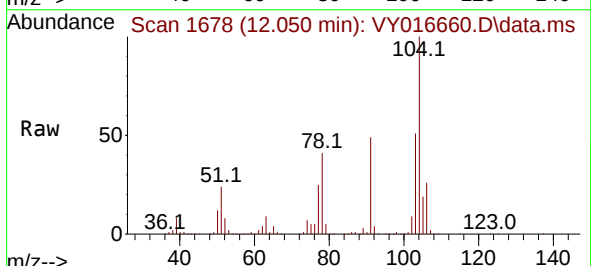
Manual Integrations
APPROVED

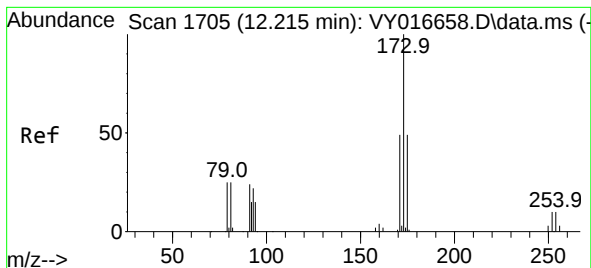
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 171.350 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:104 Resp: 1065335
Ion Ratio Lower Upper
104 100
78 46.7 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 166.411 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 223094

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

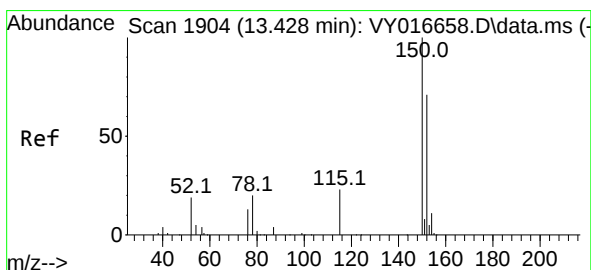
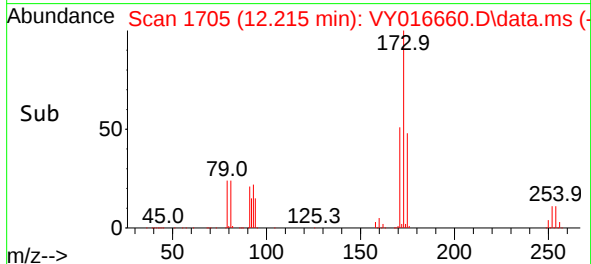
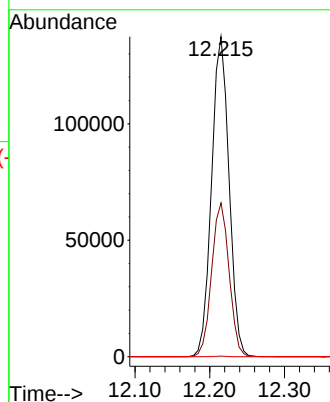
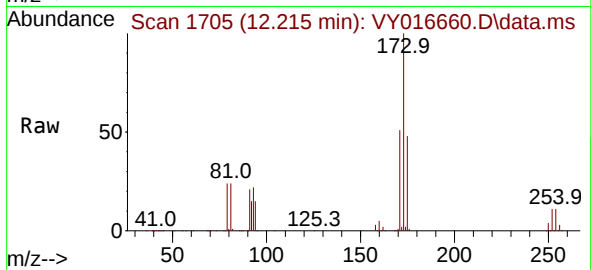
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

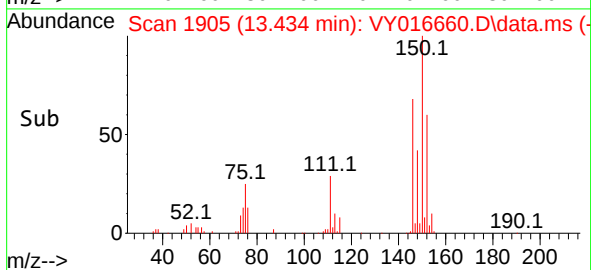
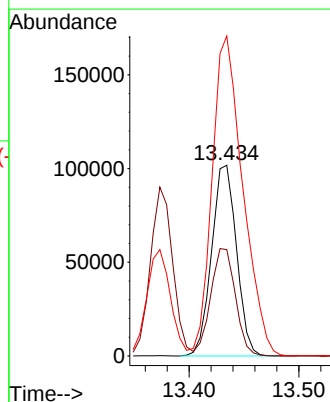
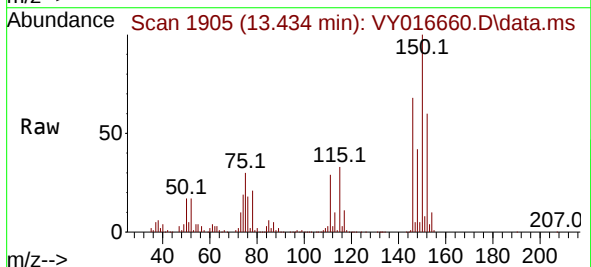
Tgt Ion:152 Resp: 160580

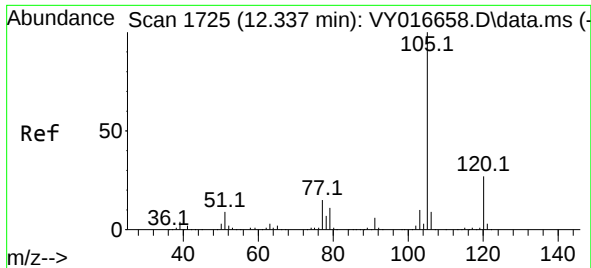
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

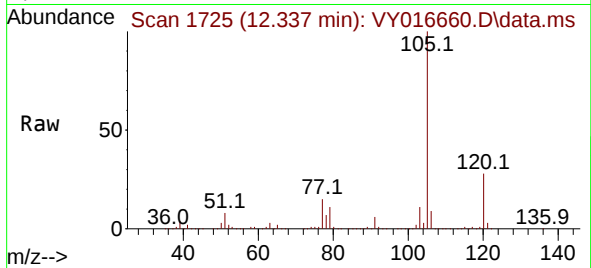
150 206.8 0.0 348.8





#73
Isopropylbenzene
Concen: 166.332 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

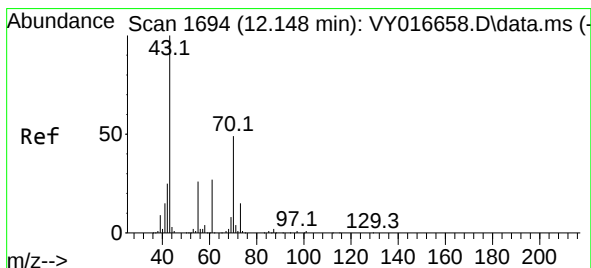
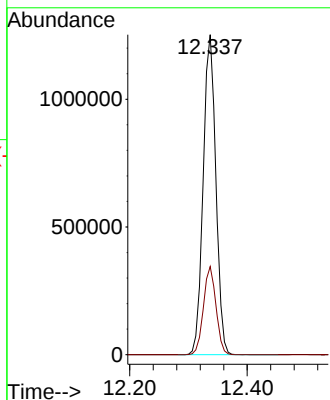
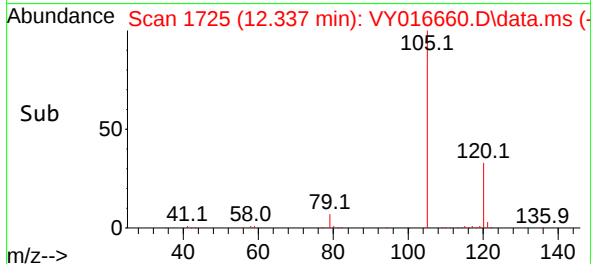
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



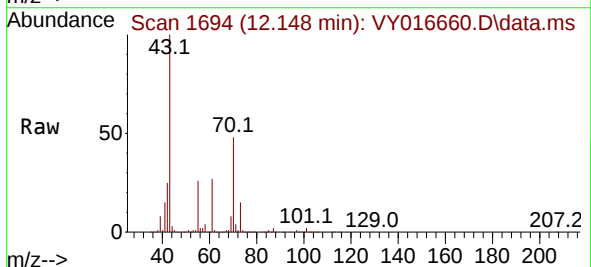
Tgt Ion:105 Resp: 1878720
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

Manual Integrations
APPROVED

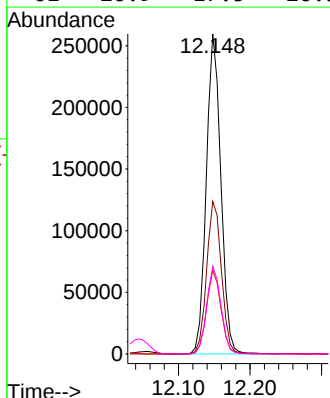
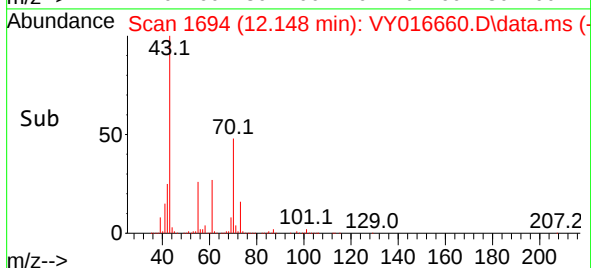
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

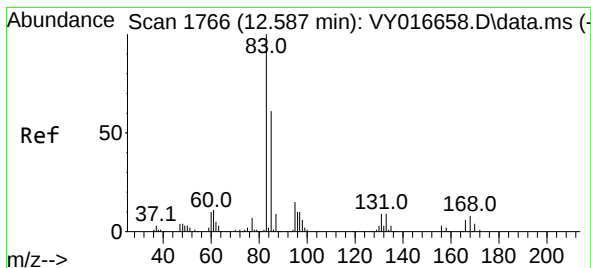


#74
N-ethyl acetate
Concen: 173.521 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



Tgt Ion: 43 Resp: 367350
Ion Ratio Lower Upper
43 100
70 48.5 29.7 44.5#
55 26.2 18.3 27.5
61 26.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 157.026 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

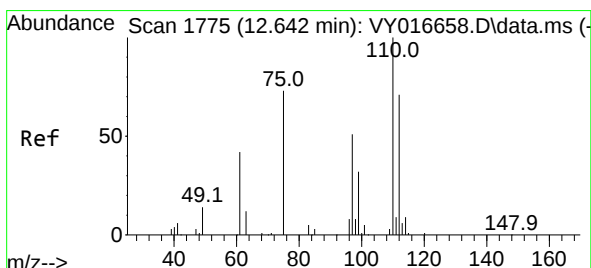
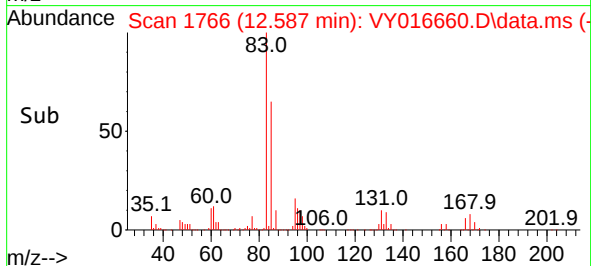
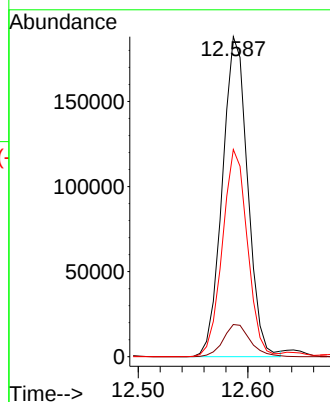
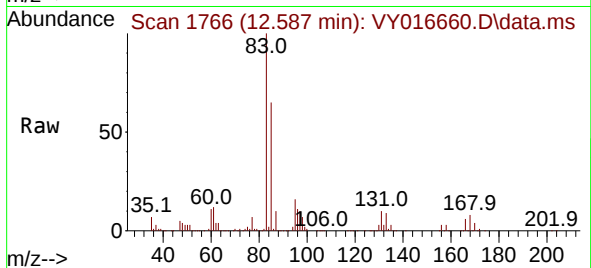
Tgt Ion: 83 Resp: 301734

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	64.2	31.8	95.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76

1,2,3-Trichloropropane

Concen: 154.390 ug/l m

RT: 12.636 min Scan# 1774

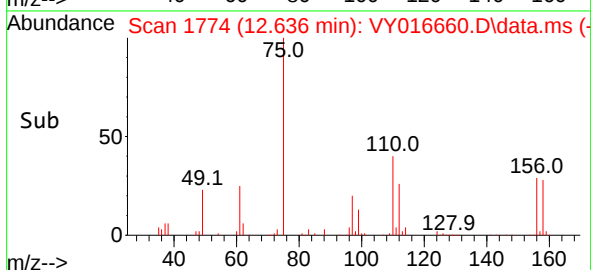
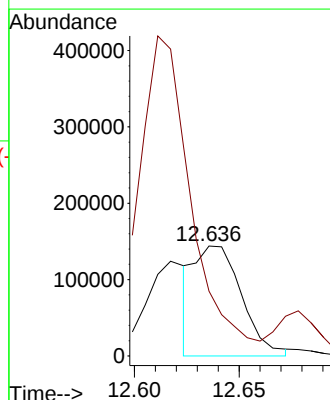
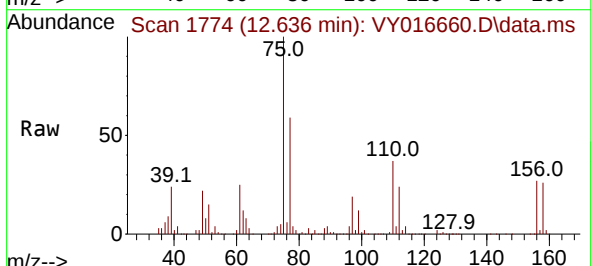
Delta R.T. -0.006 min

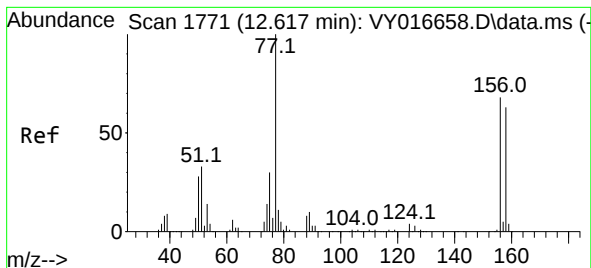
Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Tgt Ion: 75 Resp: 226074

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 165.406 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

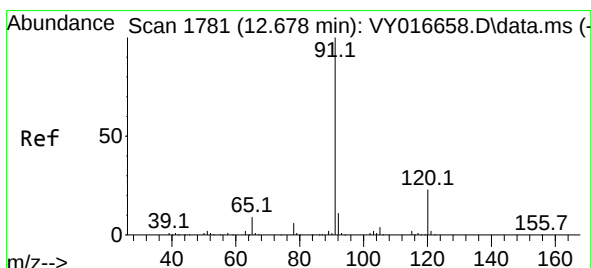
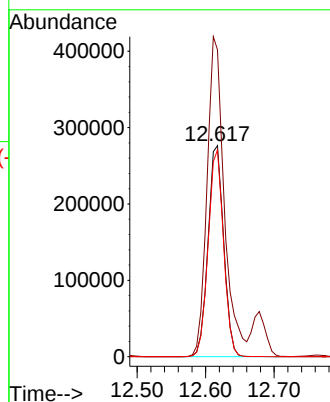
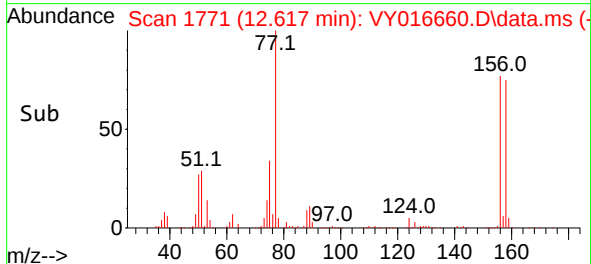
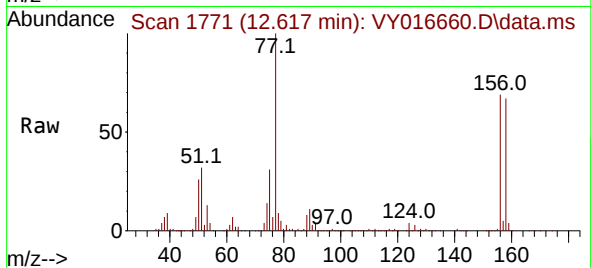
Tgt Ion:156 Resp: 437711

Ion	Ratio	Lower	Upper
156	100		
77	167.6	92.8	278.6
158	96.7	48.4	145.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78

n-propylbenzene

Concen: 162.681 ug/l

RT: 12.678 min Scan# 1781

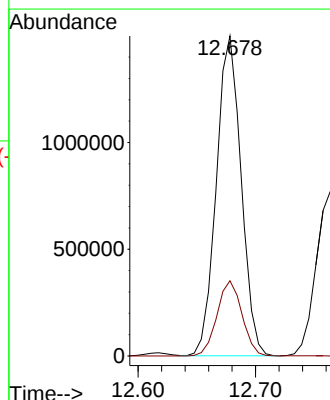
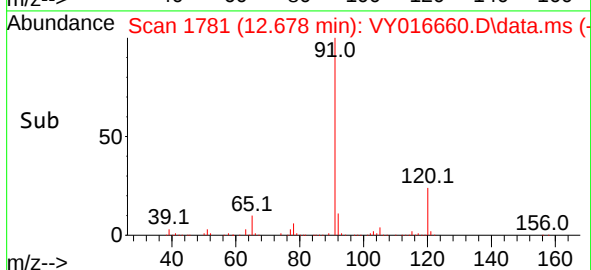
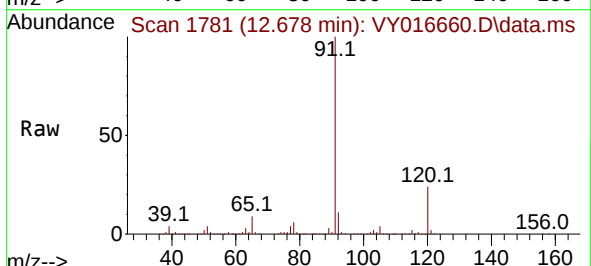
Delta R.T. 0.000 min

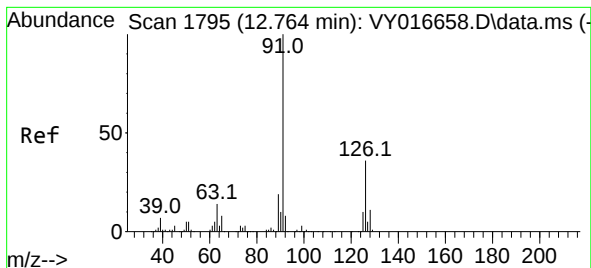
Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Tgt Ion: 91 Resp: 2196293

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.4





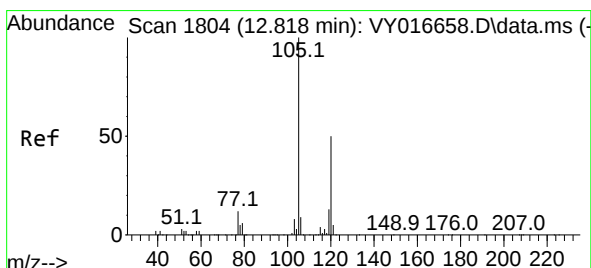
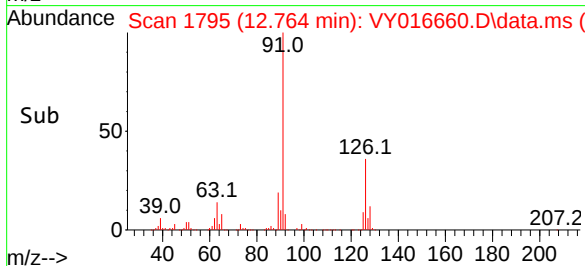
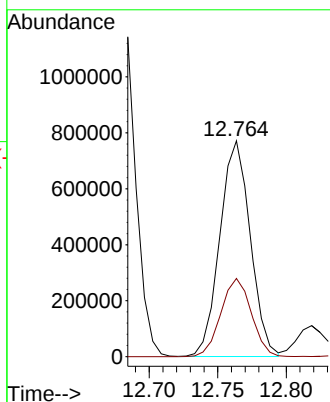
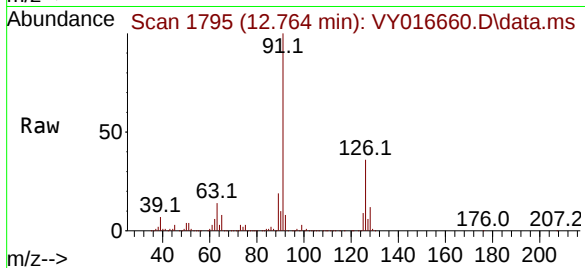
#79
2-Chlorotoluene
Concen: 160.455 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1189540
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.7

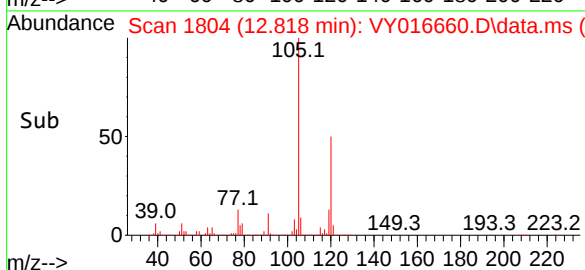
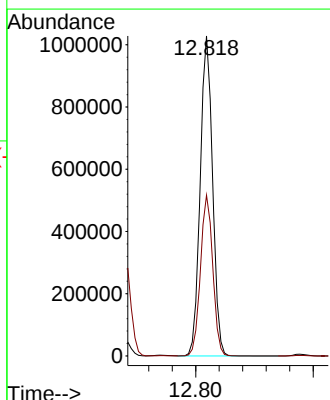
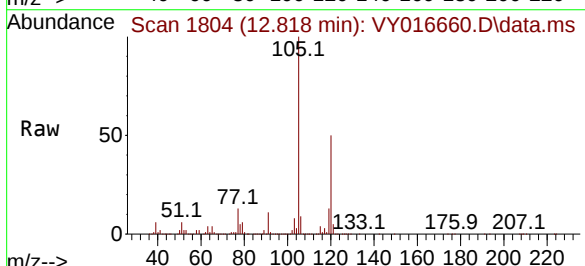
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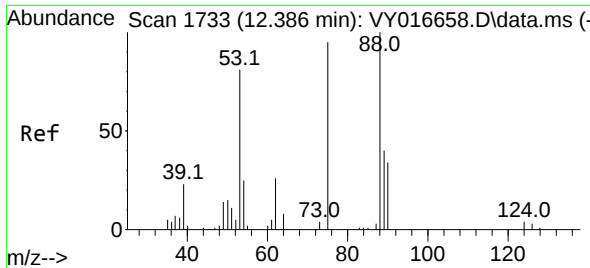
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 166.444 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:105 Resp: 1503211
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7





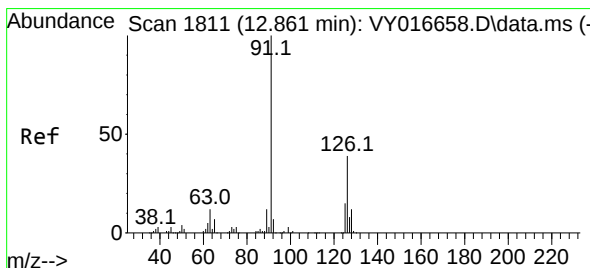
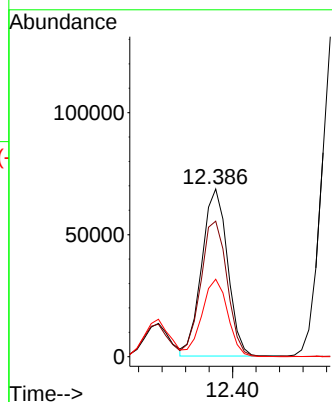
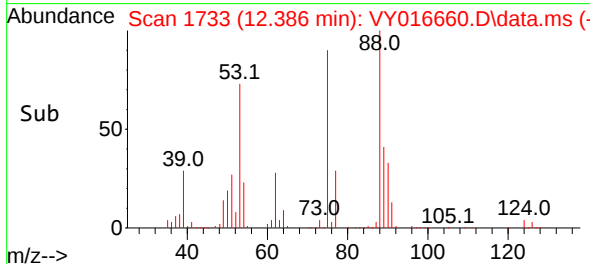
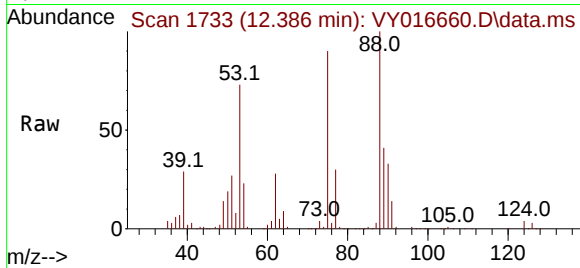
#81
trans-1,4-Dichloro-2-butene
Concen: 162.416 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 104540
Ion Ratio Lower Upper
75 100
53 83.4 77.8 116.8
89 46.7 37.4 56.0

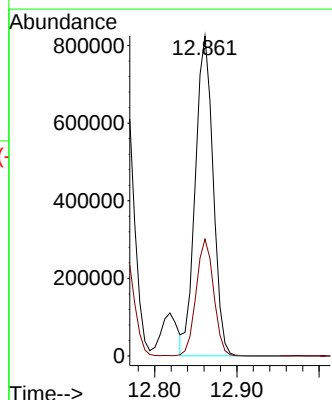
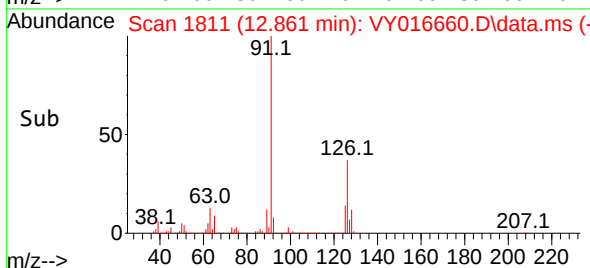
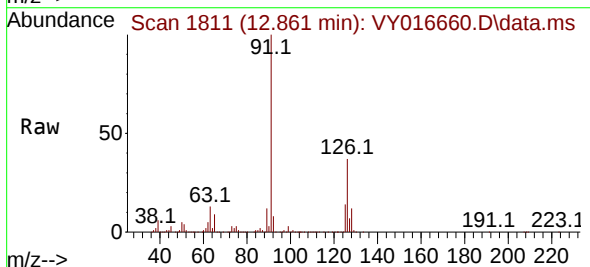
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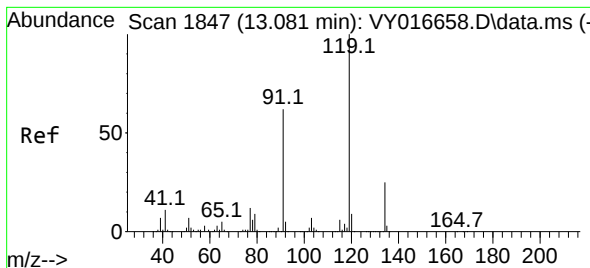
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 161.266 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 91 Resp: 1236315
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 164.556 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:119 Resp: 129681

Ion Ratio Lower Upper

119 100

91 62.3 32.9 98.6

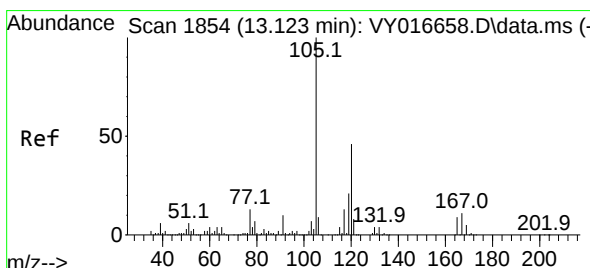
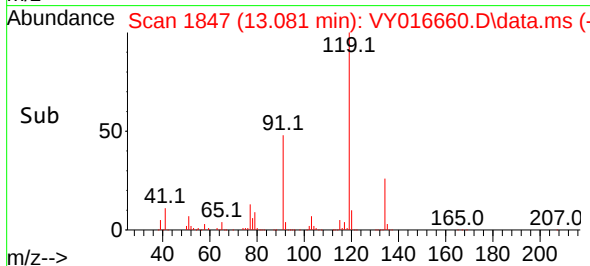
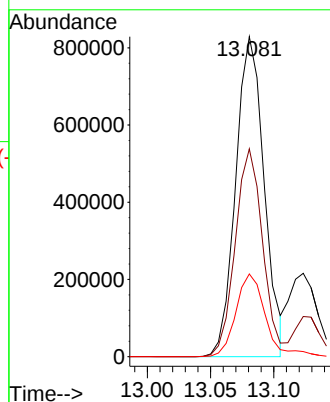
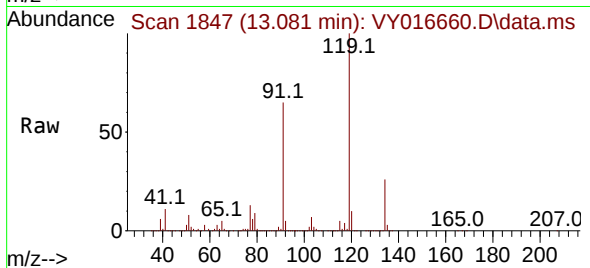
134 26.9 13.0 38.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 168.094 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY016660.D

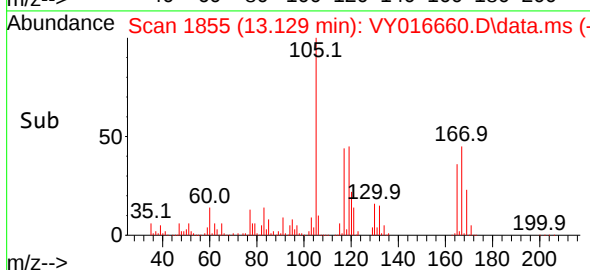
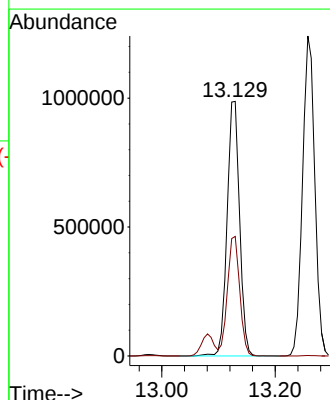
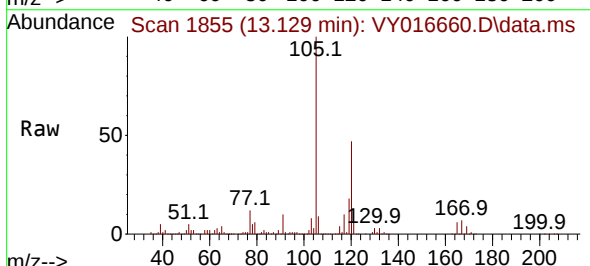
Acq: 15 Dec 2023 18:22

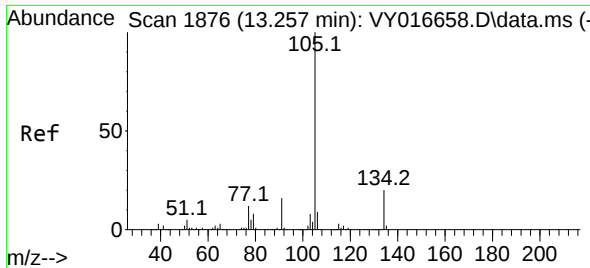
Tgt Ion:105 Resp: 1505639

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





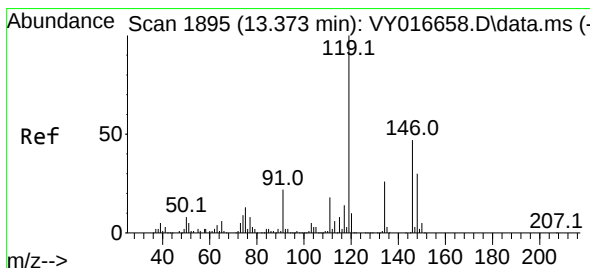
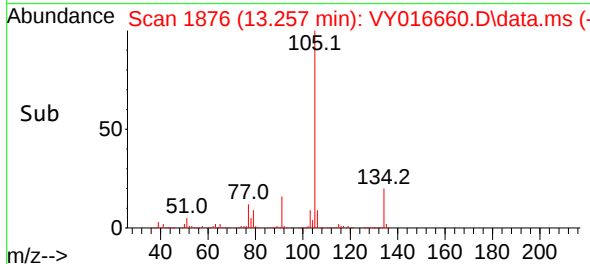
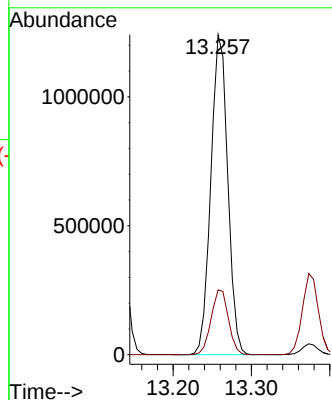
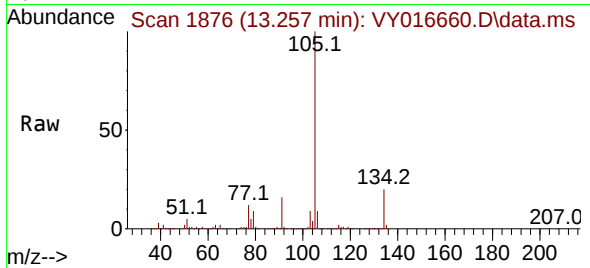
#85
 sec-Butylbenzene
 Concen: 160.633 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 1857500
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

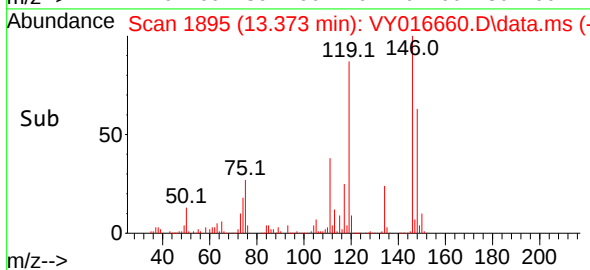
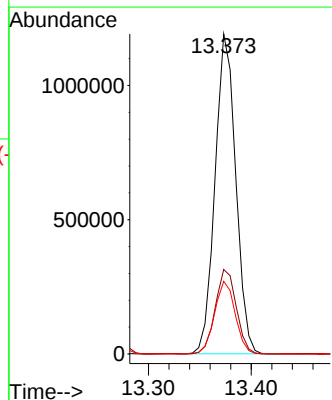
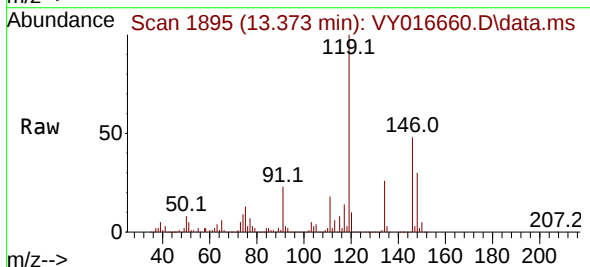
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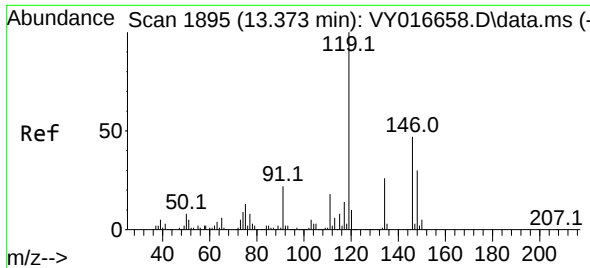
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#86
 p-Isopropyltoluene
 Concen: 168.709 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

Tgt Ion:119 Resp: 1665635
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.6 12.4 37.4





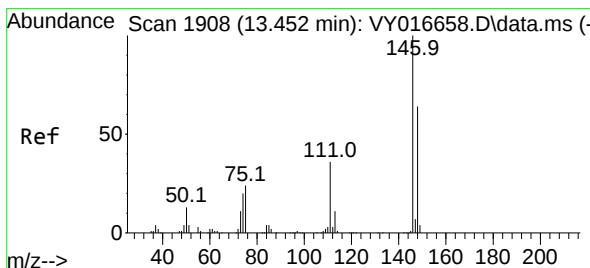
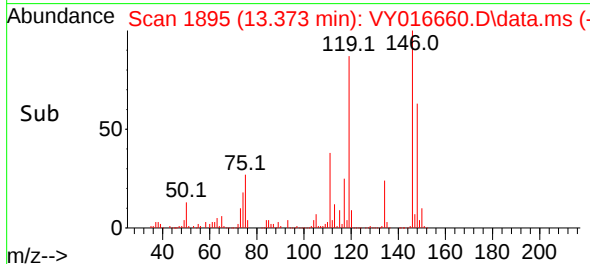
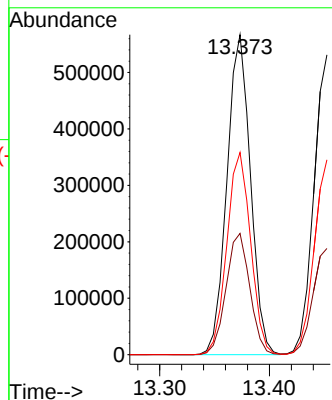
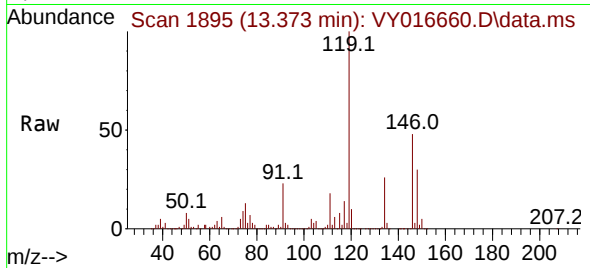
#87
1,3-Dichlorobenzene
Concen: 164.518 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 846172
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 63.9 31.9 95.5

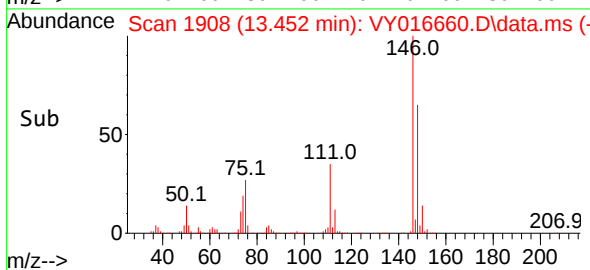
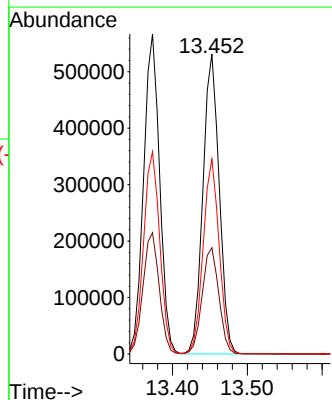
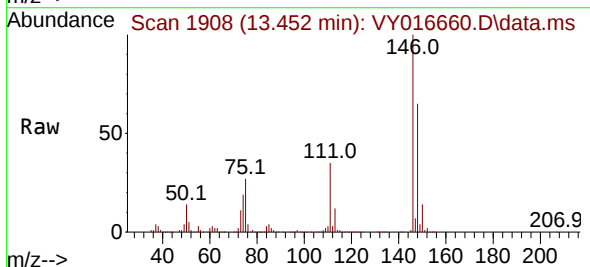
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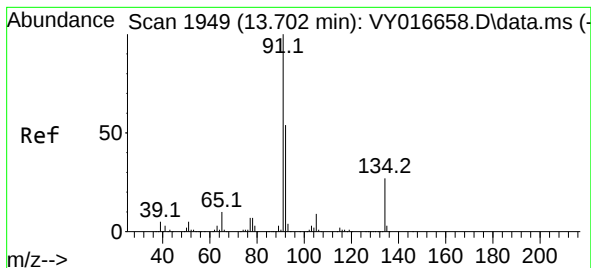
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88
1,4-Dichlorobenzene
Concen: 159.240 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:146 Resp: 805352
Ion Ratio Lower Upper
146 100
111 36.1 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 161.112 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1477664

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

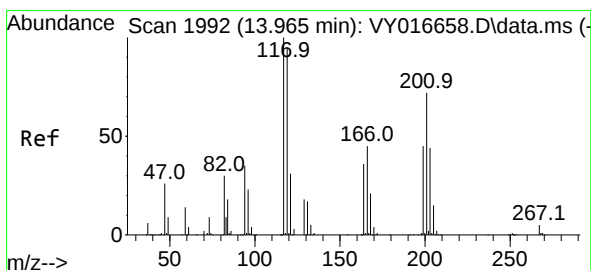
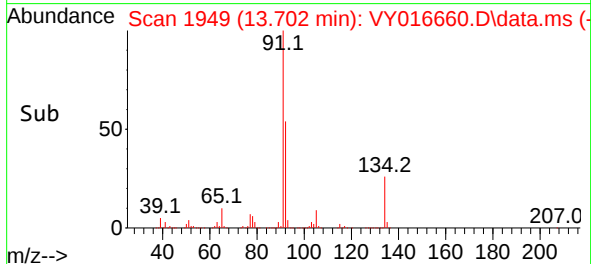
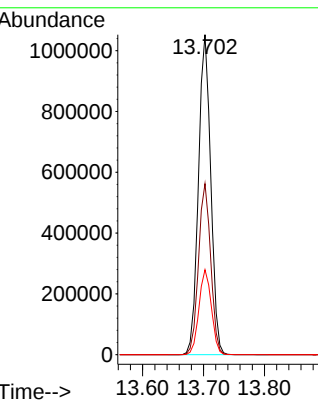
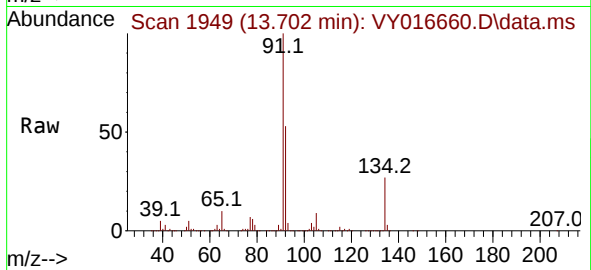
134 26.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#90

Hexachloroethane

Concen: 157.461 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016660.D

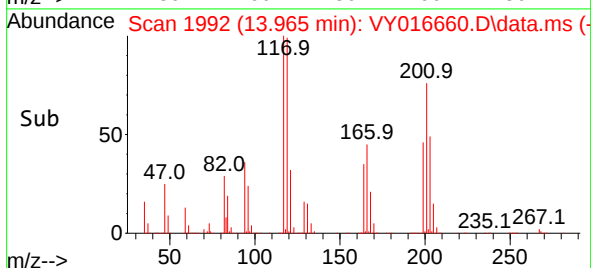
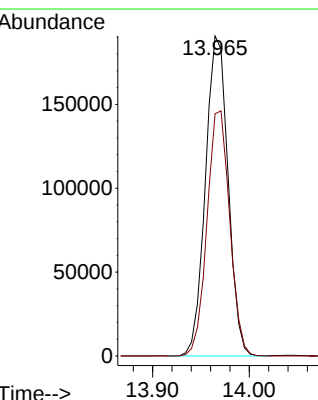
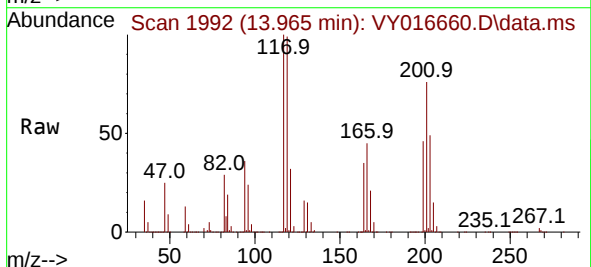
Acq: 15 Dec 2023 18:22

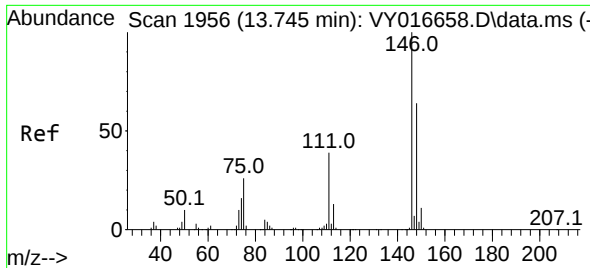
Tgt Ion:117 Resp: 309422

Ion Ratio Lower Upper

117 100

201 77.0 41.6 124.8





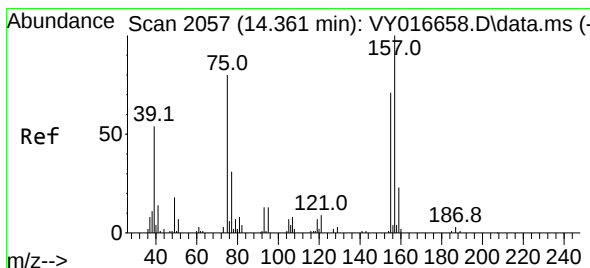
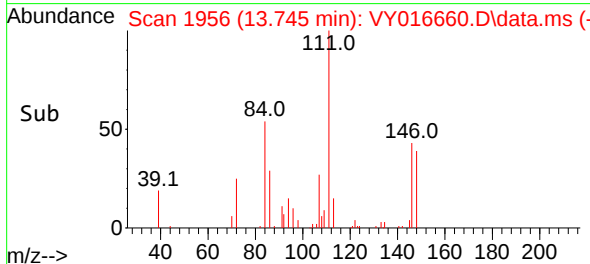
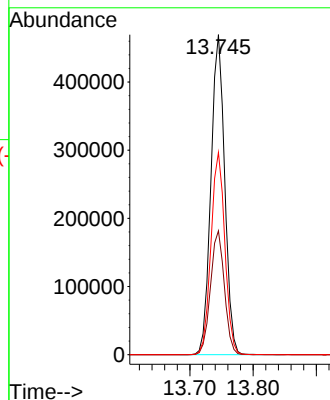
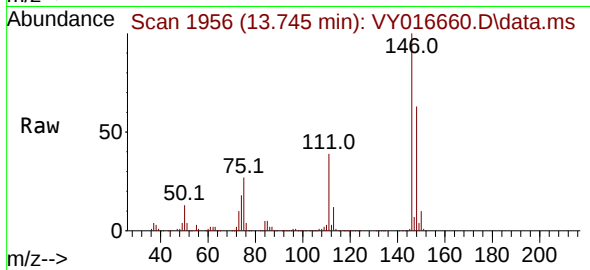
#91
1,2-Dichlorobenzene
Concen: 161.202 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 711404
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.8 32.0 96.2

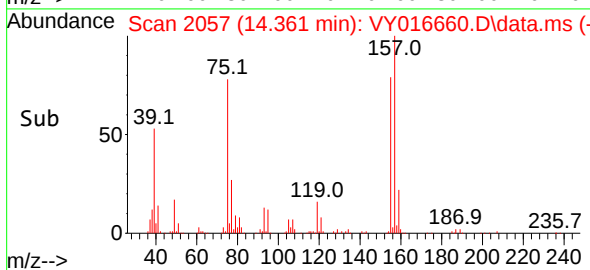
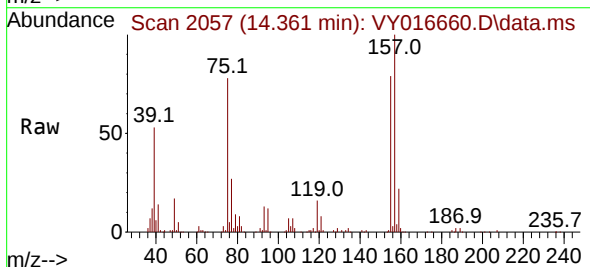
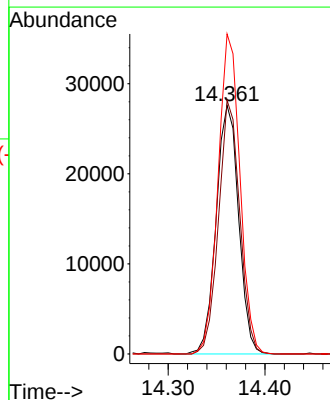
Manual Integrations
APPROVED

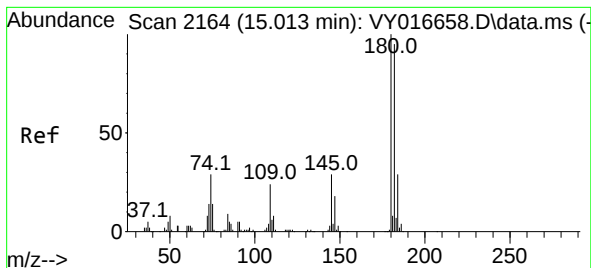
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 159.814 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 75 Resp: 44447
Ion Ratio Lower Upper
75 100
155 96.1 41.5 124.6
157 125.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 175.224 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 417720

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

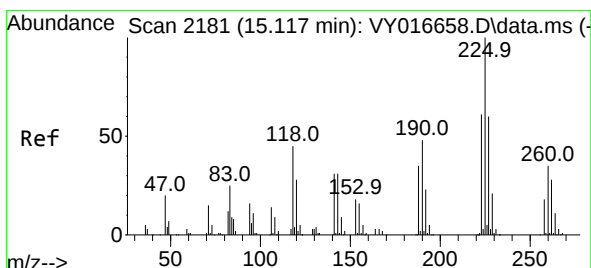
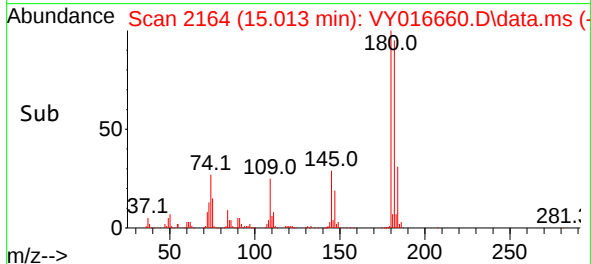
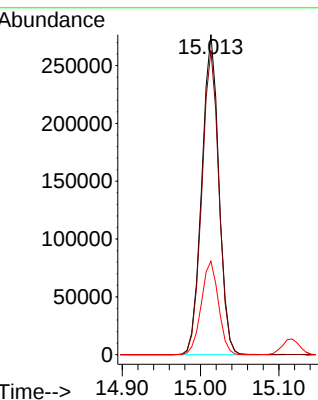
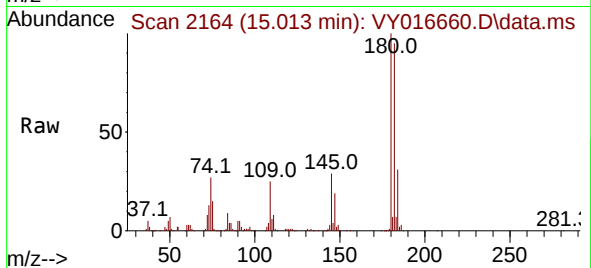
145 29.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 149.696 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

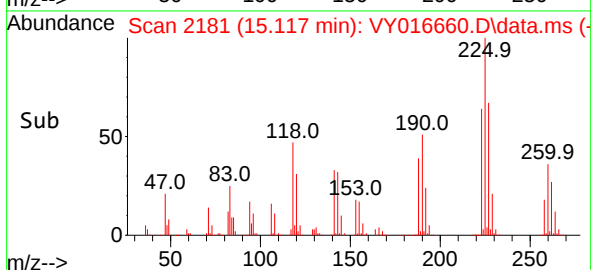
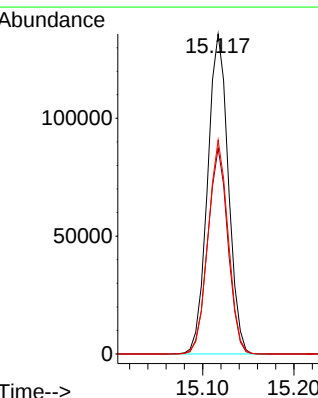
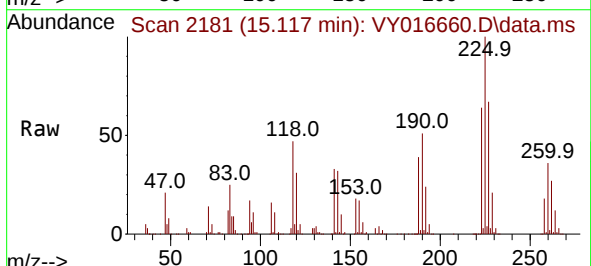
Tgt Ion:225 Resp: 214201

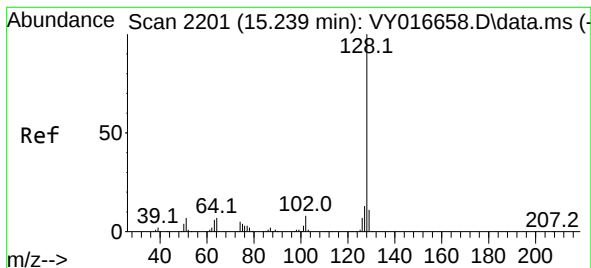
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 150.271 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

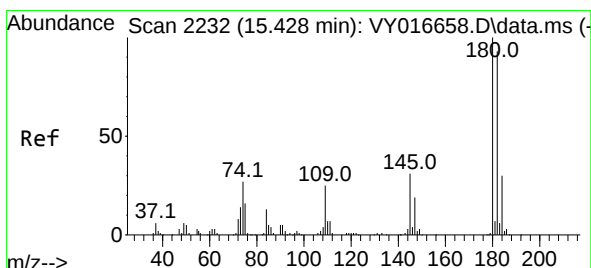
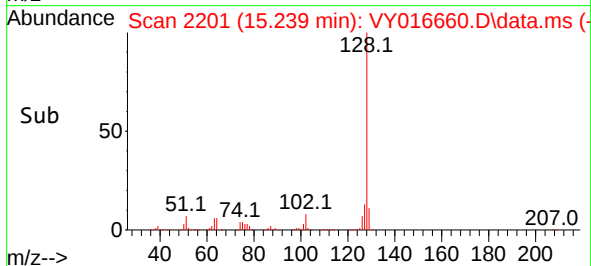
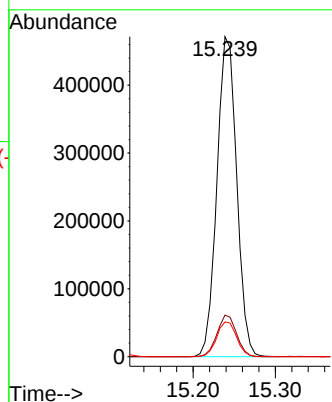
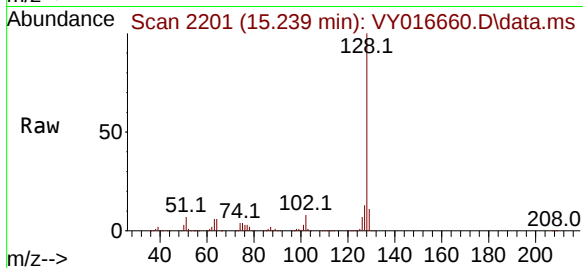
VSTDIC150

Tgt Ion:	128	Resp:	78889
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 176.009 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Tgt Ion:	180	Resp:	345881
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.3	141.8
145	31.9	15.4	46.2

