

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016011.D
 Acq On : 17 Oct 2023 17:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	220981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	334397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	126032	49.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.940%		
35) Dibromofluoromethane	7.728	113	113889	50.273	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.540%		
50) Toluene-d8	10.185	98	415856	49.018	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.483	95	151623	50.191	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	83674	45.253	ug/l	97
3) Chloromethane	2.119	50	103120	34.652	ug/l	98
4) Vinyl Chloride	2.253	62	114666	48.478	ug/l	100
5) Bromomethane	2.662	94	79246	59.231	ug/l	99
6) Chloroethane	2.802	64	70381	46.043	ug/l	99
7) Trichlorofluoromethane	3.125	101	198631	49.509	ug/l	99
8) Diethyl Ether	3.540	74	74853	49.920	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	104460	45.790	ug/l	94
10) Methyl Iodide	4.094	142	135683	51.723	ug/l	95
11) Tert butyl alcohol	5.088	59	194151m	132.688	ug/l	
12) 1,1-Dichloroethene	3.869	96	99434	46.269	ug/l	93
13) Acrolein	3.747	56	104004	218.350	ug/l	100
14) Allyl chloride	4.485	41	162579	46.816	ug/l	91
15) Acrylonitrile	5.192	53	300510	227.501	ug/l	98
16) Acetone	3.991	43	223941	152.860	ug/l	90
17) Carbon Disulfide	4.198	76	294121	44.777	ug/l	97
18) Methyl Acetate	4.509	43	238618	46.957	ug/l	93
19) Methyl tert-butyl Ether	5.247	73	350931	48.712	ug/l	98
20) Methylene Chloride	4.722	84	125241	44.304	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	115257	45.883	ug/l	96
22) Diisopropyl ether	6.137	45	345821	47.955	ug/l	96
23) Vinyl Acetate	6.082	43	1201506	253.262	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	200092	46.635	ug/l	98
25) 2-Butanone	7.021	43	396359	185.892	ug/l	93
26) 2,2-Dichloropropane	6.990	77	168515	47.298	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	130948	46.361	ug/l	93
28) Bromochloromethane	7.344	49	99995	52.225	ug/l	91
29) Tetrahydrofuran	7.374	42	318999	218.256	ug/l	90
30) Chloroform	7.521	83	212826	47.790	ug/l	95
31) Cyclohexane	7.795	56	174103	43.366	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	186194	47.010	ug/l	97
36) 1,1-Dichloropropene	7.929	75	160027	46.816	ug/l	98
37) Ethyl Acetate	7.094	43	223568	42.389	ug/l	99
38) Carbon Tetrachloride	7.911	117	167178	46.440	ug/l	98
39) Methylcyclohexane	9.191	83	197962	45.139	ug/l	93
40) Benzene	8.167	78	462929	46.807	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	79371	45.642	ug/l #	90
42) 1,2-Dichloroethane	8.246	62	153328	48.316	ug/l	93
43) Isopropyl Acetate	8.289	43	277281	48.937	ug/l #	97
44) Trichloroethene	8.947	130	136712	44.855	ug/l	97
45) 1,2-Dichloropropane	9.222	63	120938	47.921	ug/l	95
46) Dibromomethane	9.313	93	84745	47.773	ug/l	97
47) Bromodichloromethane	9.502	83	171514	47.881	ug/l	98
48) Methyl methacrylate	9.301	41	122633	48.999	ug/l	86
49) 1,4-Dioxane	9.368	88	49908m	1008.841	ug/l	
51) 4-Methyl-2-Pentanone	10.075	43	920939	220.547	ug/l	90
52) Toluene	10.246	92	299732	47.401	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	192762	47.994	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	204930	47.465	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	119331	47.249	ug/l	96
56) Ethyl methacrylate	10.514	69	192520	48.693	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	197247	46.036	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	471941	272.012	ug/l	95
59) 2-Hexanone	10.837	43	747031	209.579	ug/l	88
60) Dibromochloromethane	10.989	129	136183	47.416	ug/l	99
61) 1,2-Dibromoethane	11.093	107	125577	45.952	ug/l	100
64) Tetrachloroethene	10.727	164	127492	43.736	ug/l	97
65) Chlorobenzene	11.520	112	327002	46.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	123559	47.639	ug/l	98
67) Ethyl Benzene	11.593	91	575503	46.975	ug/l	99
68) m/p-Xylenes	11.703	106	448592	94.880	ug/l	95
69) o-Xylene	12.032	106	216440	47.883	ug/l	97
70) Styrene	12.044	104	369886	48.082	ug/l	96
71) Bromoform	12.209	173	103187	46.718	ug/l #	98
73) Isopropylbenzene	12.331	105	558158	46.996	ug/l	99
74) N-amyl acetate	12.148	43	230958	48.135	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	173077	47.444	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	152204m	46.357	ug/l	
77) Bromobenzene	12.611	156	141323	47.399	ug/l	93
78) n-propylbenzene	12.672	91	683937	47.356	ug/l	99
79) 2-Chlorotoluene	12.757	91	384876	47.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	471970	47.833	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	64759	46.463	ug/l	92
82) 4-Chlorotoluene	12.855	91	397530	47.350	ug/l	100
83) tert-Butylbenzene	13.074	119	401968	46.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	484692	48.936	ug/l	99
85) sec-Butylbenzene	13.257	105	601662	46.757	ug/l	100
86) p-Isopropyltoluene	13.373	119	505853	47.043	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	272211	47.542	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	271873	47.021	ug/l	99
89) n-Butylbenzene	13.696	91	481267	47.595	ug/l	96
90) Hexachloroethane	13.965	117	95907	46.536	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	253982	47.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	42976	41.182	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	167844	47.534	ug/l	98
94) Hexachlorobutadiene	15.111	225	78508	43.790	ug/l	98
95) Naphthalene	15.239	128	546064	47.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	157798	46.614	ug/l	97

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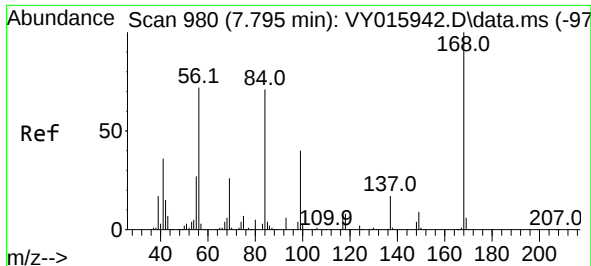
Manual Integrations
APPROVED

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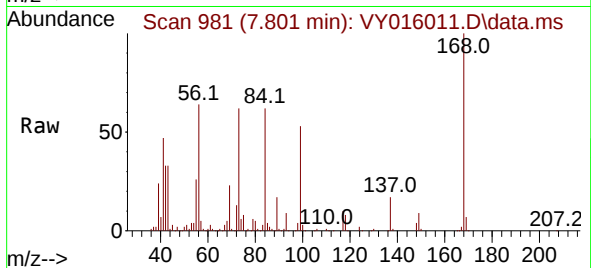
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
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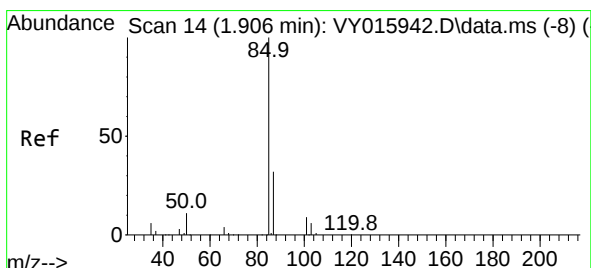
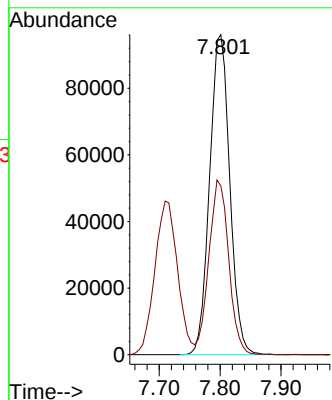
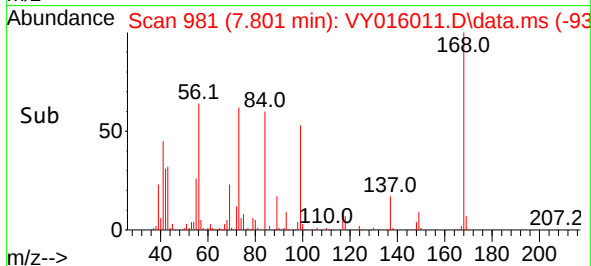
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 22098
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0

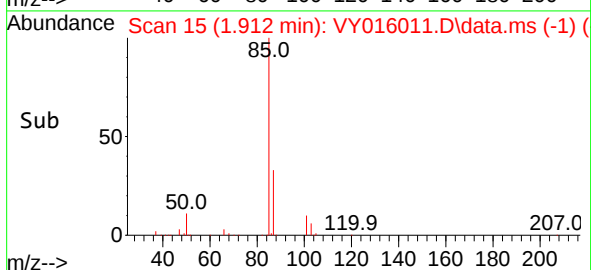
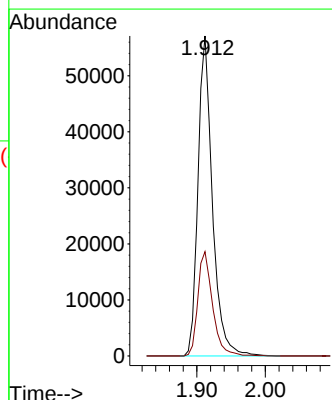
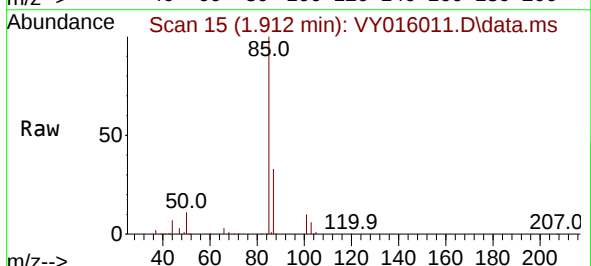
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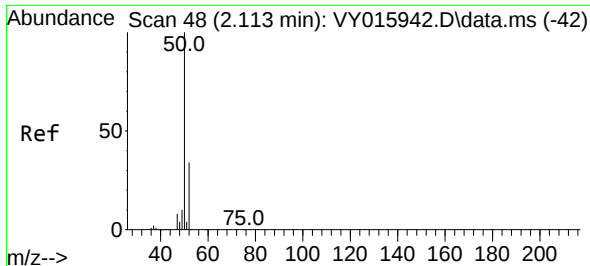
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#2
Dichlorodifluoromethane
Concen: 45.253 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

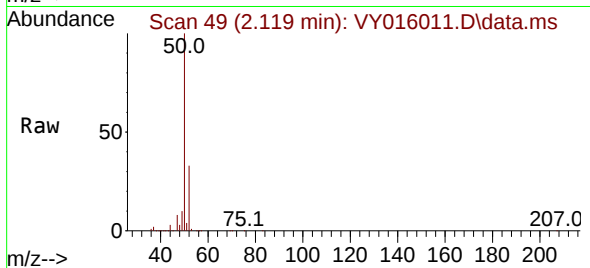
Tgt Ion: 85 Resp: 83674
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 34.652 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

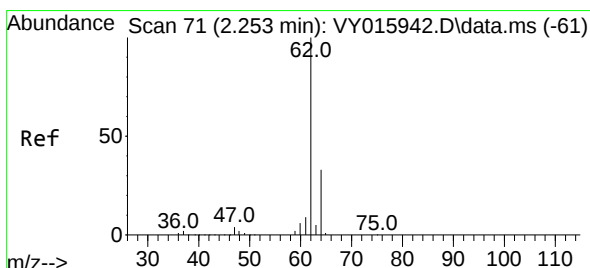
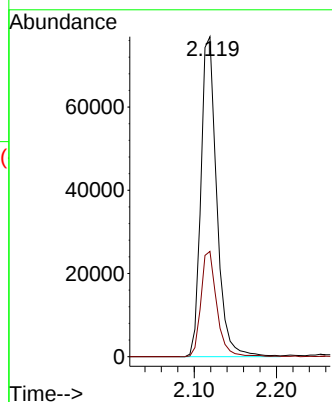
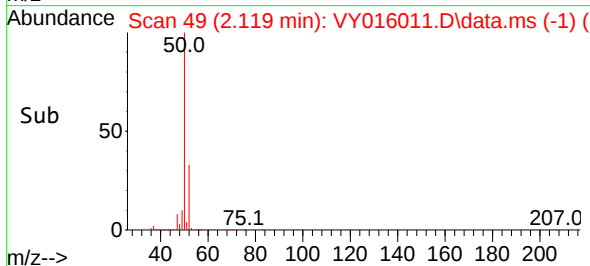
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 103120
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

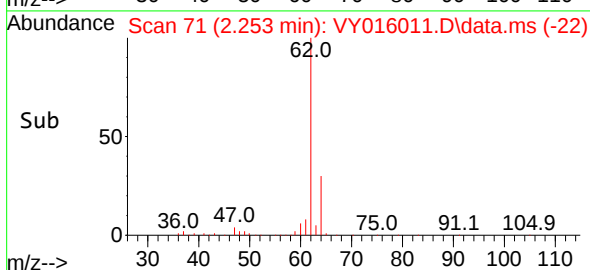
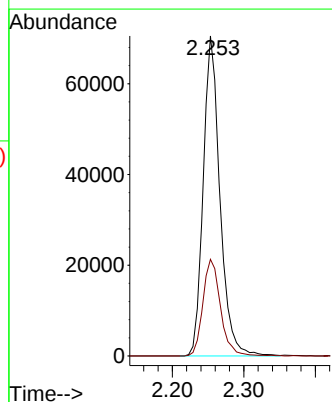
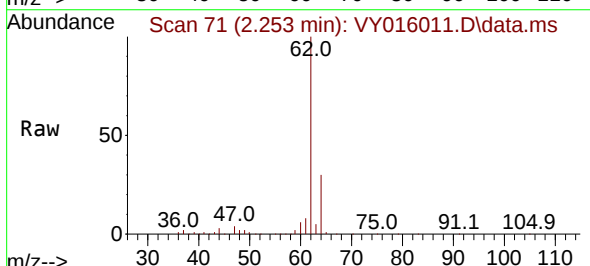
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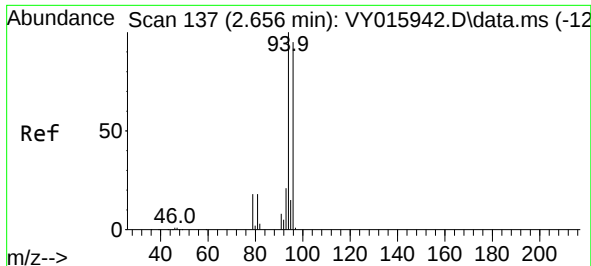
Reviewed By :John Carlone 10/18/2023
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#4
Vinyl Chloride
Concen: 48.478 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

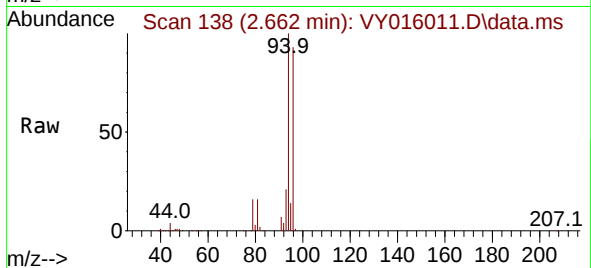
Tgt Ion: 62 Resp: 114666
Ion Ratio Lower Upper
62 100
64 30.2 24.3 36.5





#5
Bromomethane
Concen: 59.231 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016011.D
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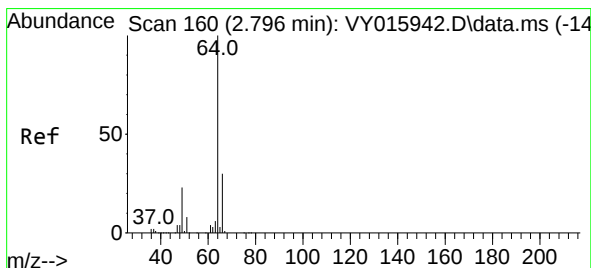
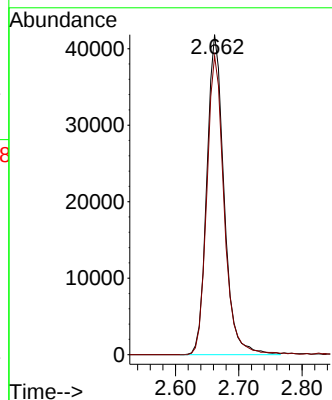
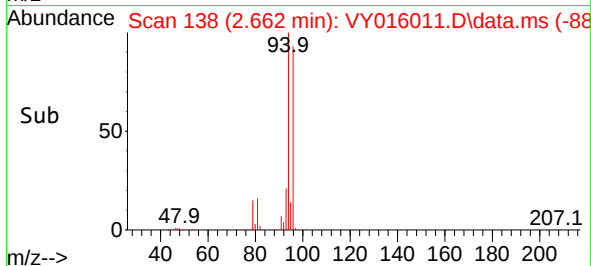
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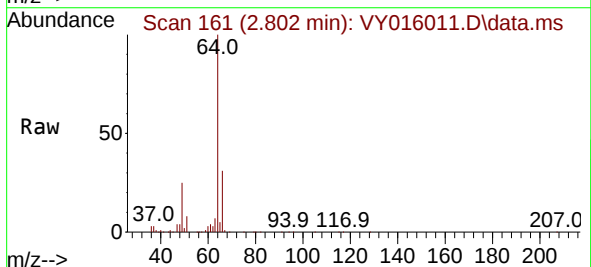
Tgt Ion: 94 Resp: 79240
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.6

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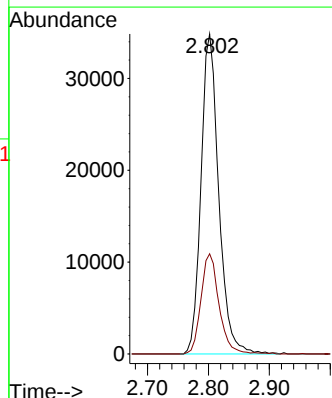
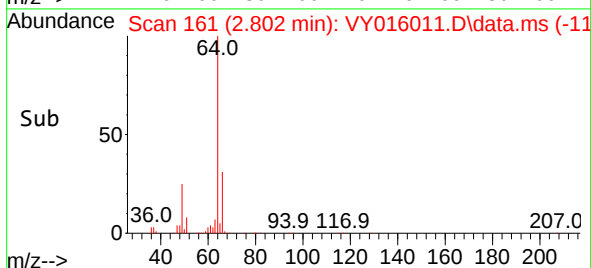
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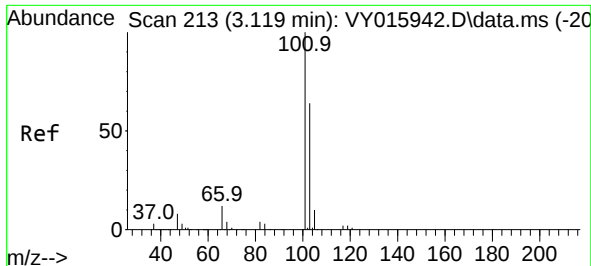


#6
Chloroethane
Concen: 46.043 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016011.D
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Tgt Ion: 64 Resp: 70381
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6





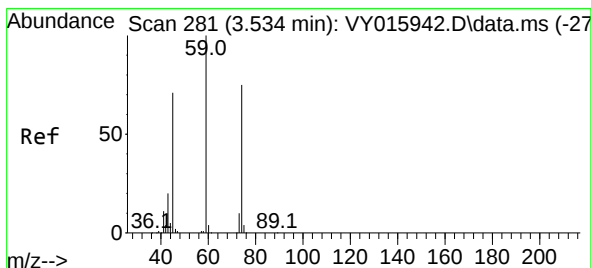
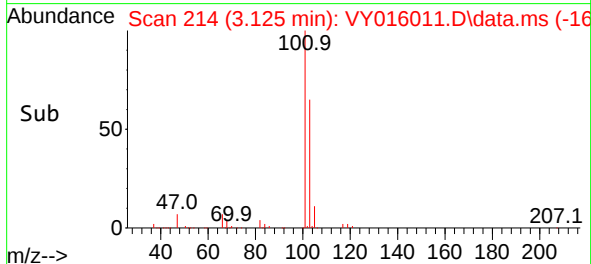
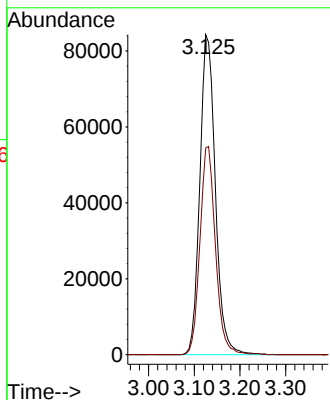
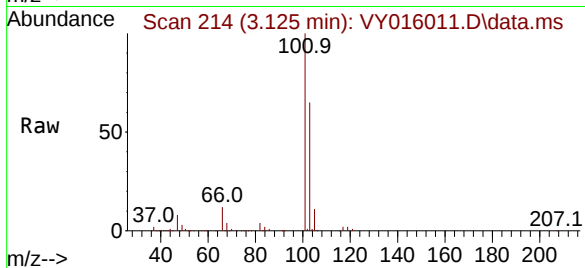
#7
Trichlorofluoromethane
Concen: 49.509 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016011.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 19863
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

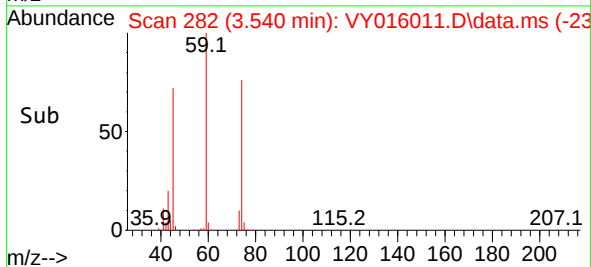
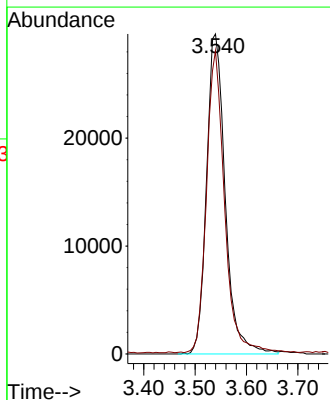
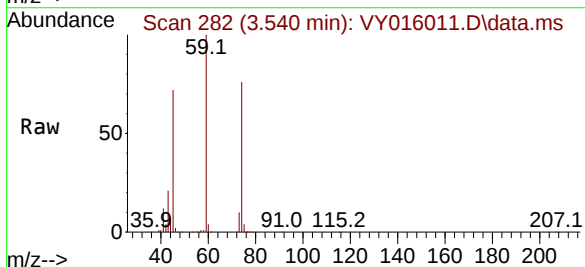
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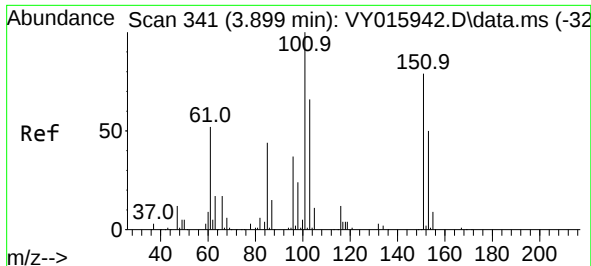
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#8
Diethyl Ether
Concen: 49.920 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 74 Resp: 74853
Ion Ratio Lower Upper
74 100
45 91.1 51.5 154.5





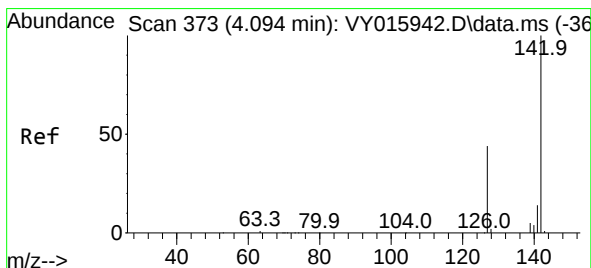
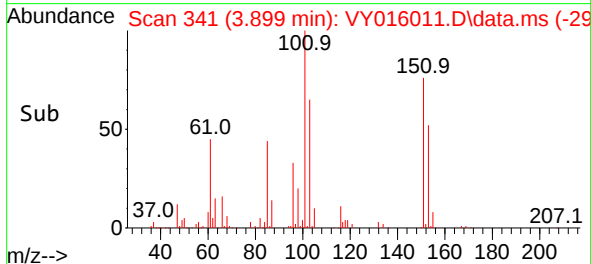
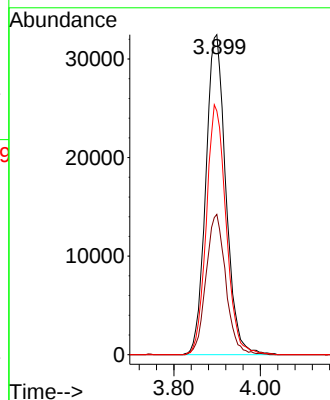
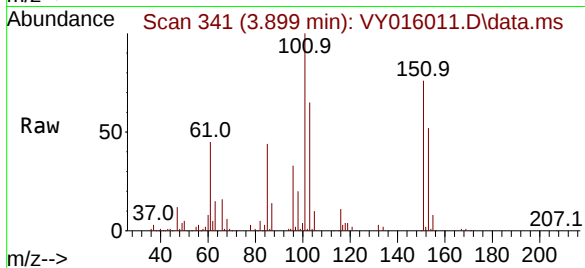
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.790 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 104460
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 77.0 67.0 100.6

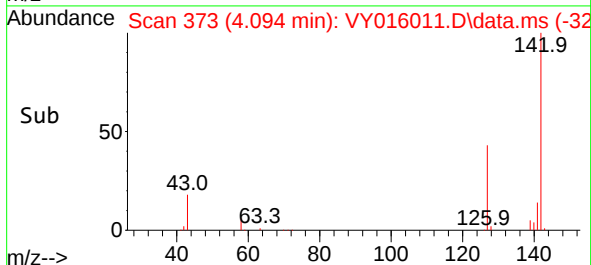
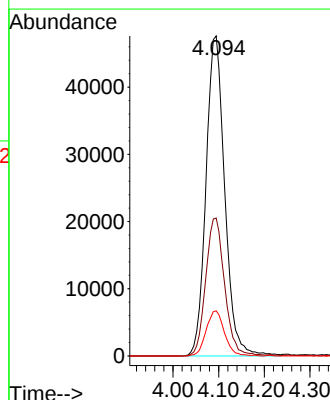
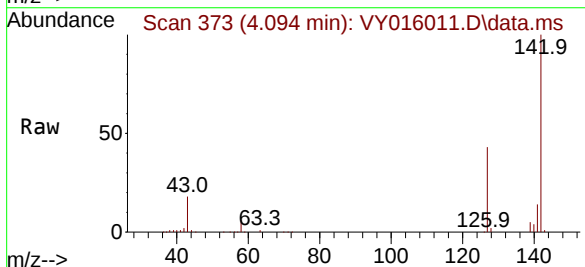
Manual Integrations
APPROVED

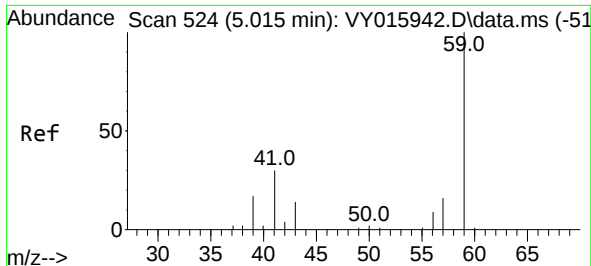
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#10
Methyl Iodide
Concen: 51.723 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

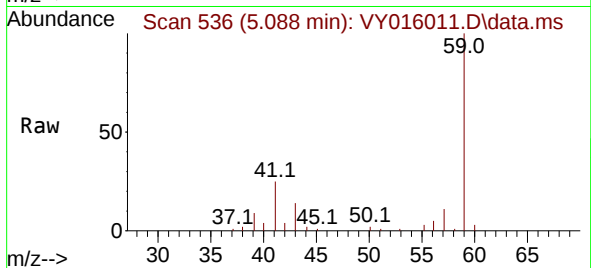
Tgt Ion:142 Resp: 135683
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 132.688 ug/l m
RT: 5.088 min Scan# 511
Delta R.T. 0.073 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

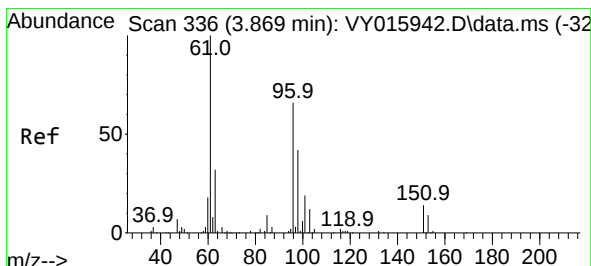
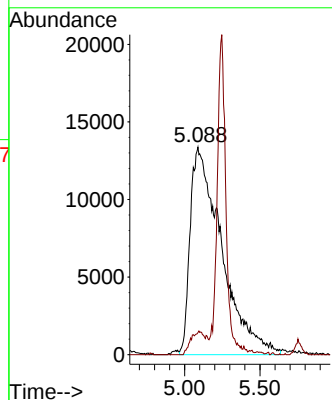
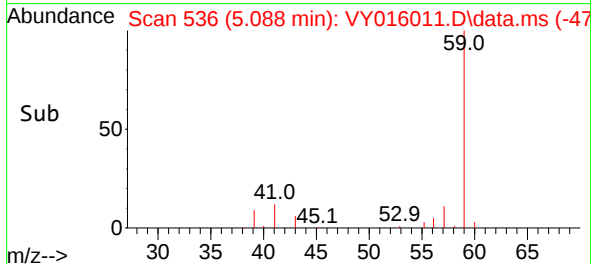
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 19415
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

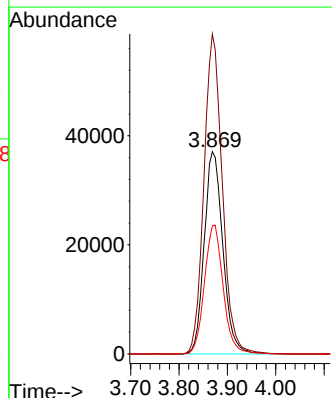
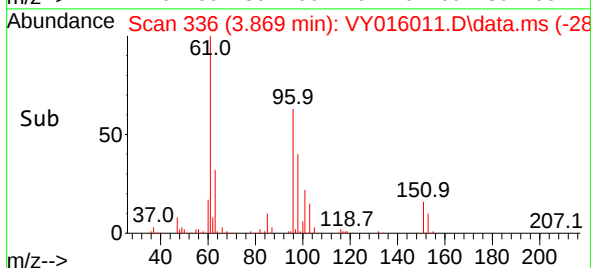
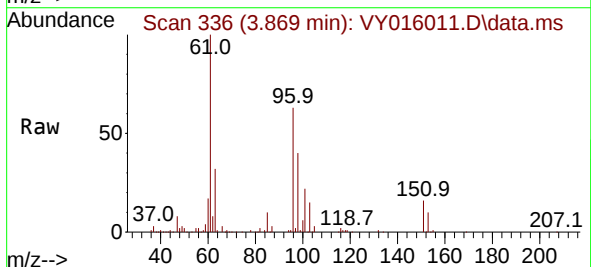
Manual Integrations
APPROVED

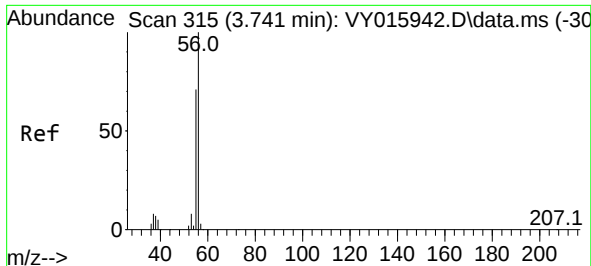
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#12
1,1-Dichloroethene
Concen: 46.269 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

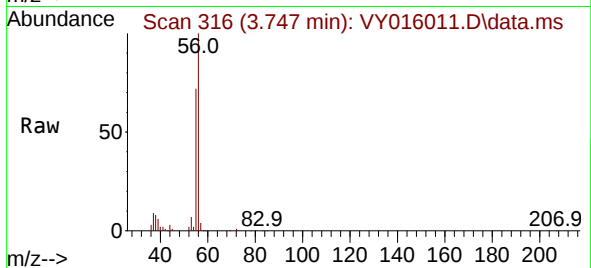
Tgt Ion: 96 Resp: 99434
Ion Ratio Lower Upper
96 100
61 158.2 136.4 204.6
98 63.4 49.4 74.2





#13
Acrolein
Concen: 218.350 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

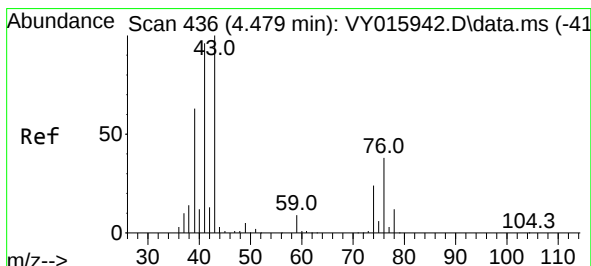
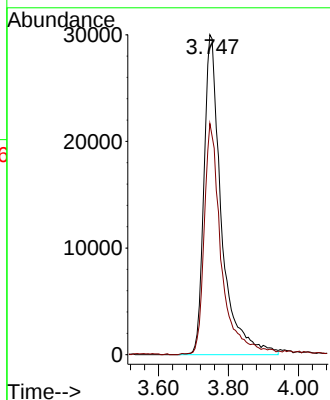
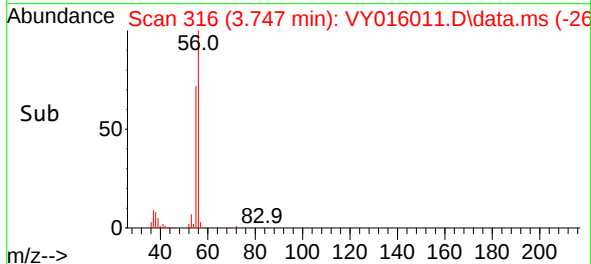
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 104004
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4

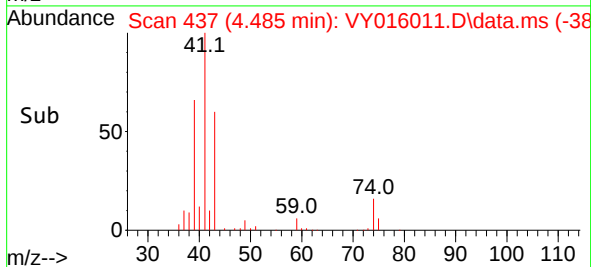
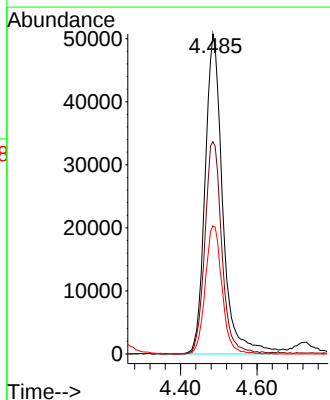
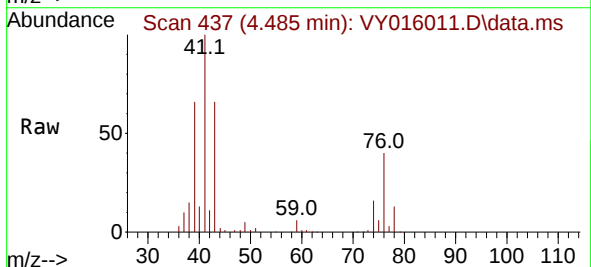
Manual Integrations
APPROVED

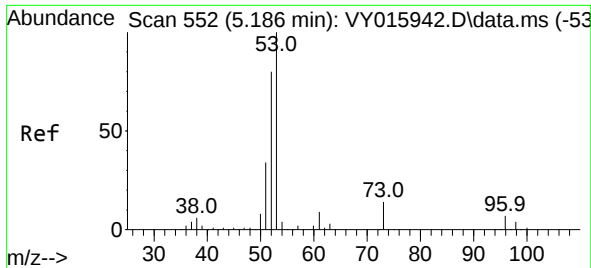
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#14
Allyl chloride
Concen: 46.816 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

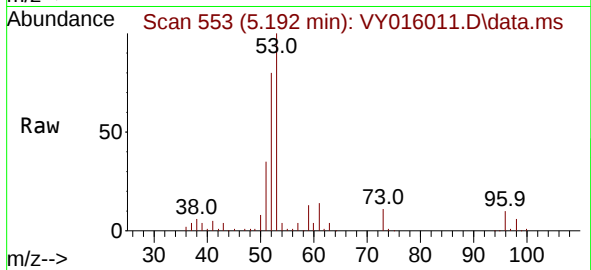
Tgt Ion: 41 Resp: 162579
Ion Ratio Lower Upper
41 100
39 64.0 58.0 87.0
76 37.9 27.4 41.2





#15
Acrylonitrile
Concen: 227.501 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

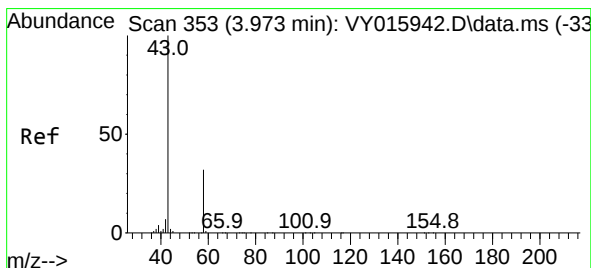
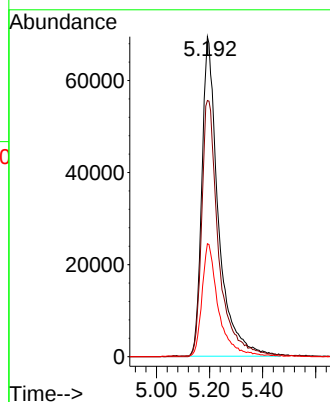
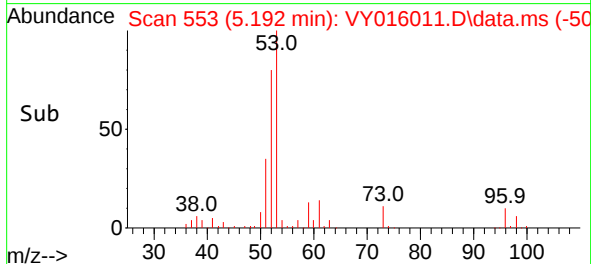
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 300510
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 34.6 29.8 44.6

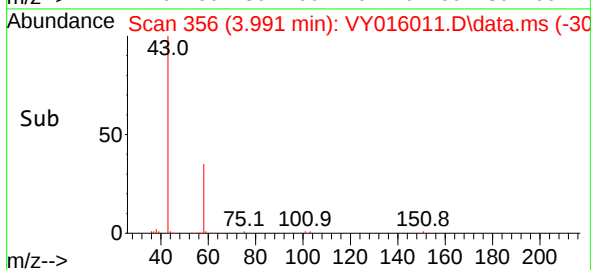
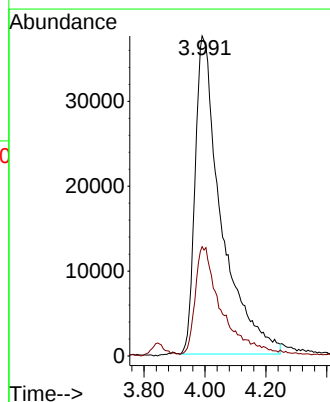
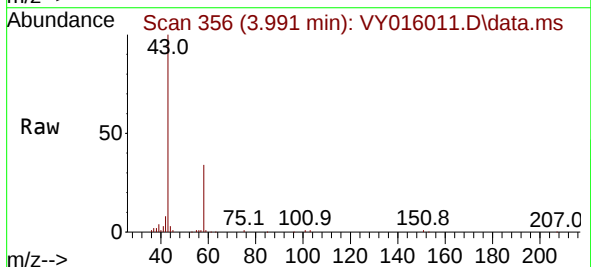
Manual Integrations
APPROVED

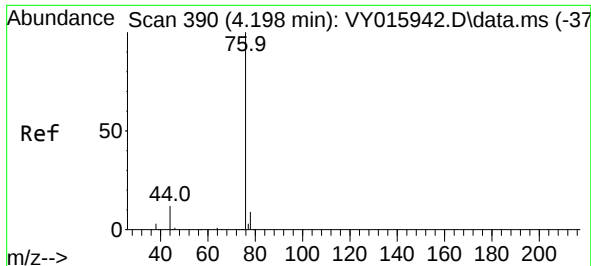
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#16
Acetone
Concen: 152.860 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

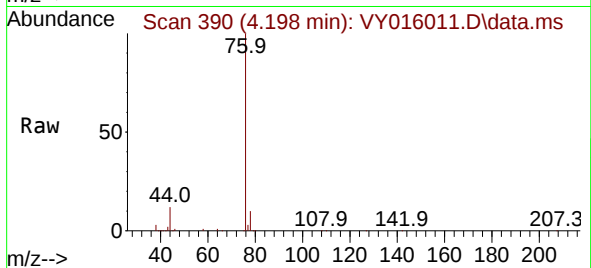
Tgt Ion: 43 Resp: 223941
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





#17
Carbon Disulfide
Concen: 44.777 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

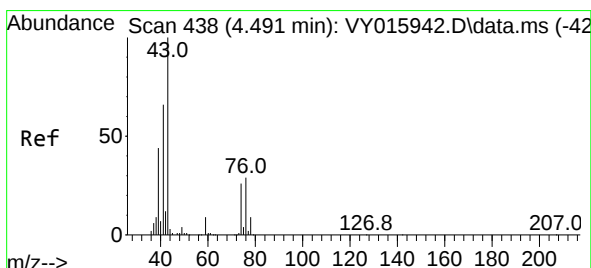
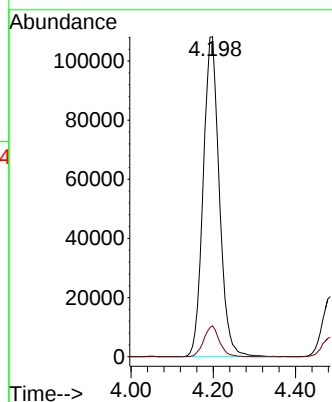
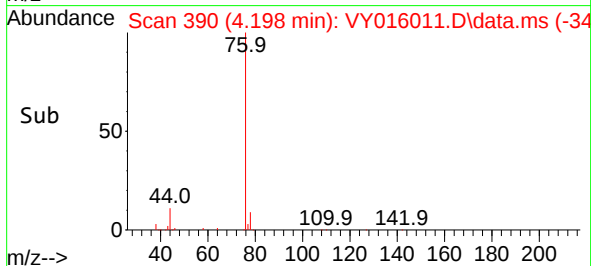
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 29412
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

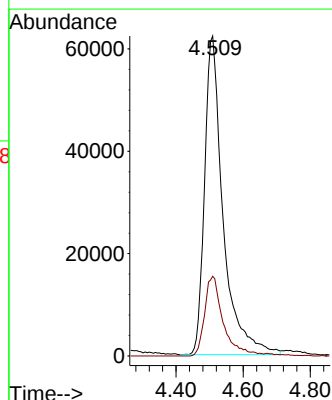
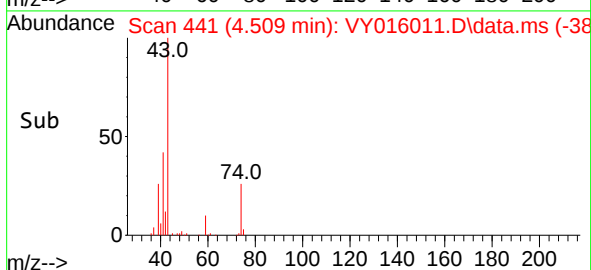
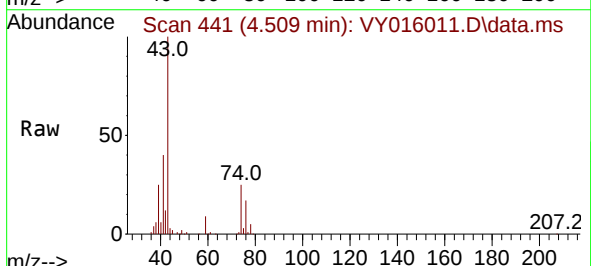
Manual Integrations
APPROVED

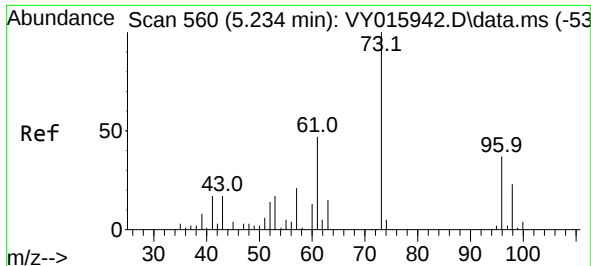
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#18
Methyl Acetate
Concen: 46.957 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 43 Resp: 238618
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





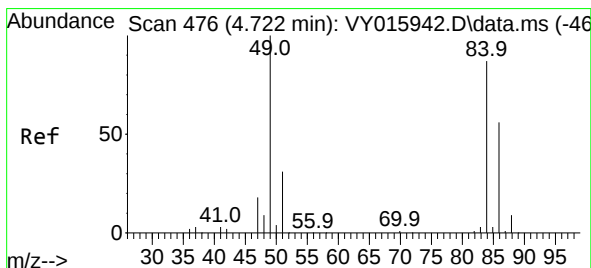
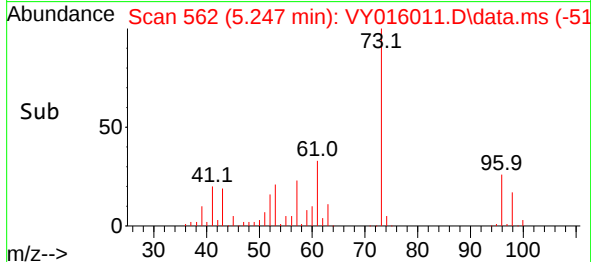
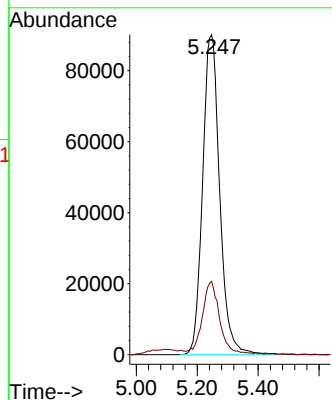
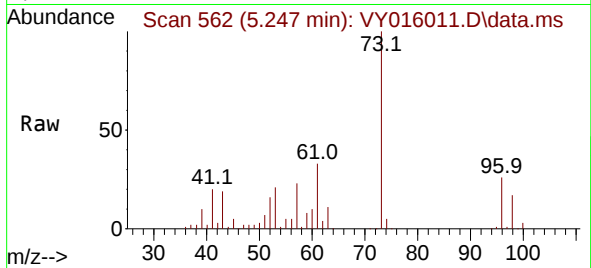
#19
Methyl tert-butyl Ether
Concen: 48.712 ug/l
RT: 5.247 min Scan# 509
Delta R.T. 0.012 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 35093
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

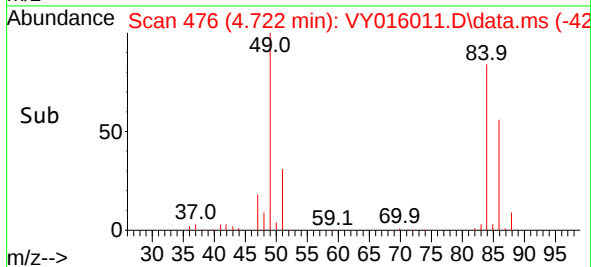
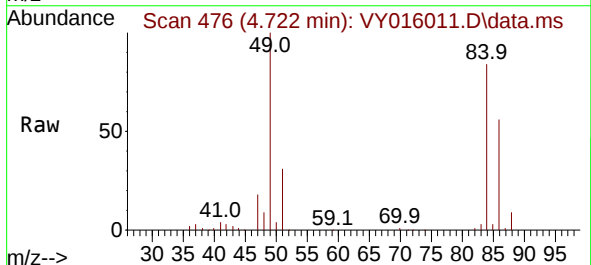
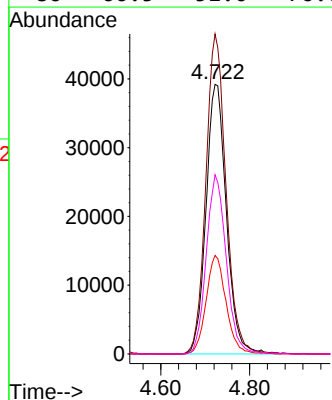
Manual Integrations
APPROVED

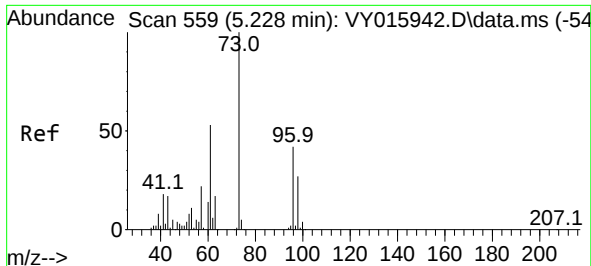
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#20
Methylene Chloride
Concen: 44.304 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

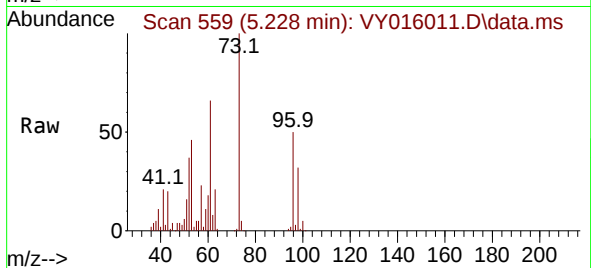
Tgt Ion: 84 Resp: 125241
Ion Ratio Lower Upper
84 100
49 118.7 106.9 160.3
51 36.6 33.2 49.8
86 66.5 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 45.883 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

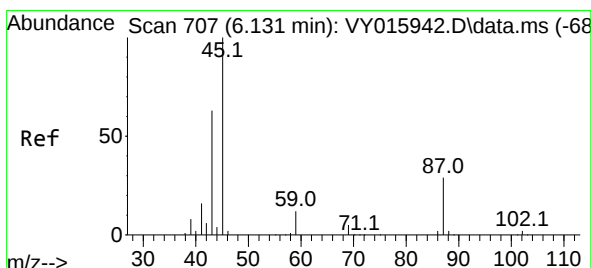
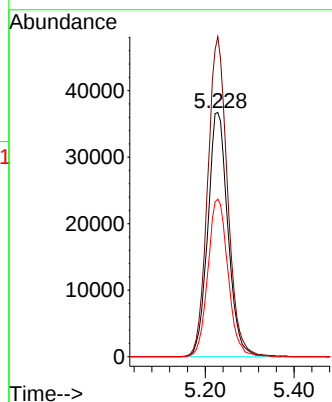
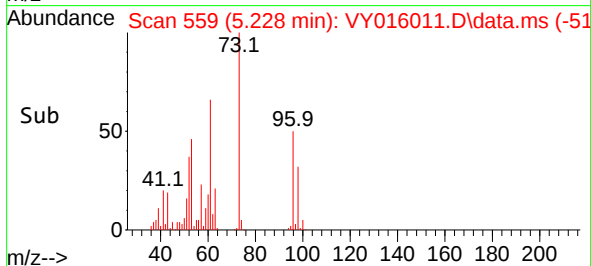
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



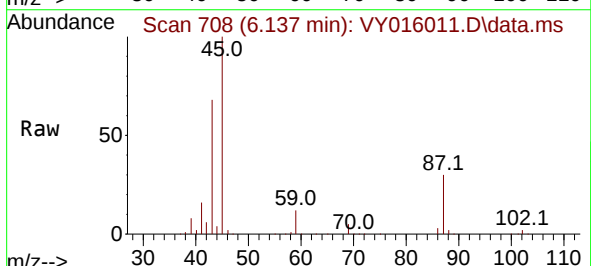
Tgt Ion: 96 Resp: 11525
Ion Ratio Lower Upper
96 100
61 131.0 110.2 165.4
98 64.5 51.8 77.6

Manual Integrations
APPROVED

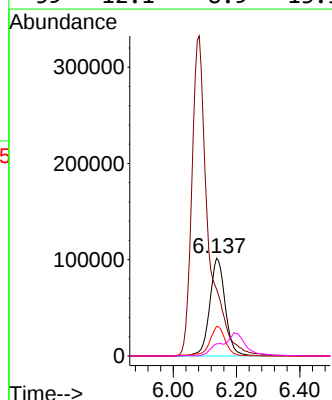
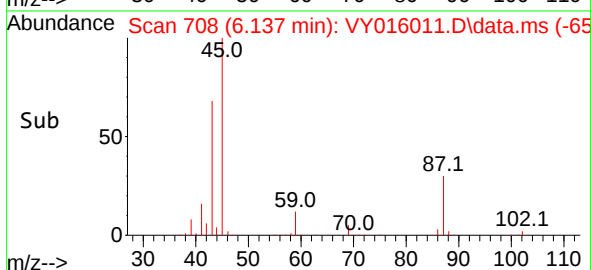
Reviewed By :John Carbone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

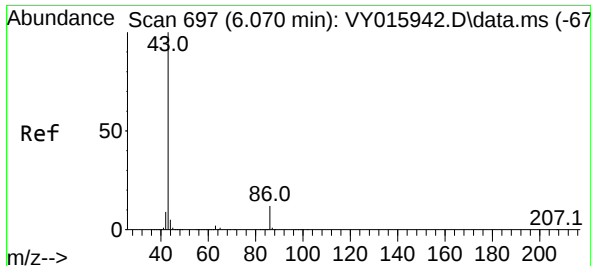


#22
Diisopropyl ether
Concen: 47.955 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



Tgt Ion: 45 Resp: 345821
Ion Ratio Lower Upper
45 100
43 67.8 52.2 78.4
87 30.3 21.0 31.6
59 12.1 8.9 13.3





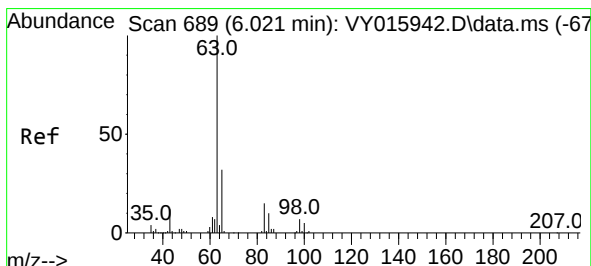
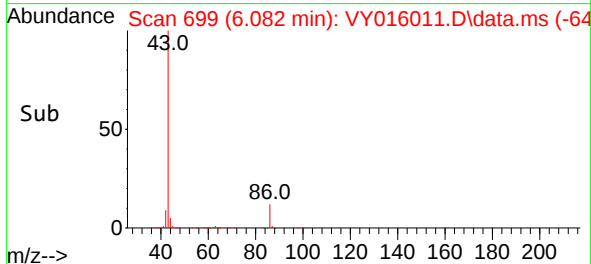
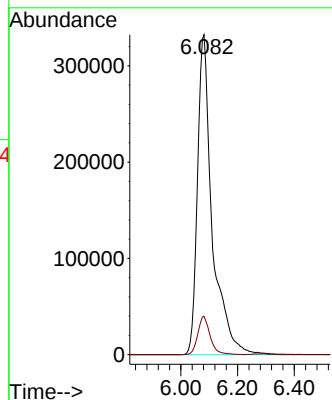
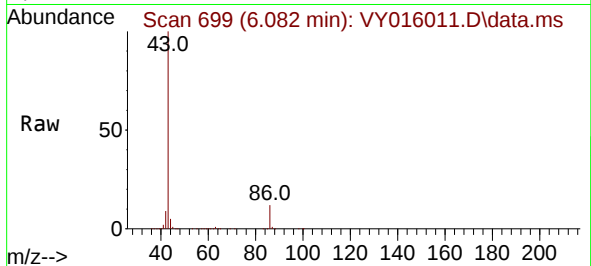
#23
 Vinyl Acetate
 Concen: 253.262 ug/l
 RT: 6.082 min Scan# 697
 Delta R.T. 0.012 min
 Lab File: VY016011.D
 Acq: 17 Oct 2023 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1201500
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

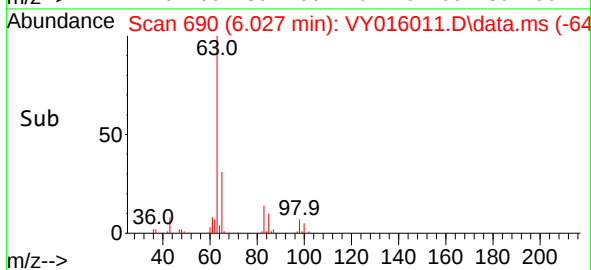
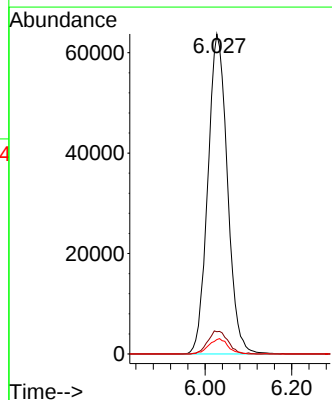
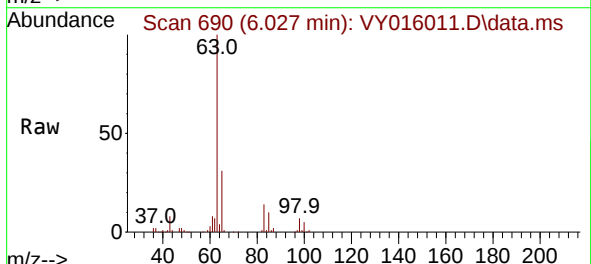
Manual Integrations
 APPROVED

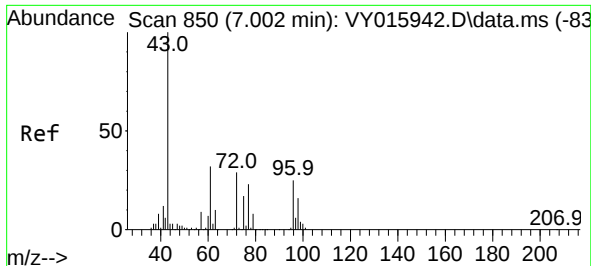
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#24
 1,1-Dichloroethane
 Concen: 46.635 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016011.D
 Acq: 17 Oct 2023 17:55

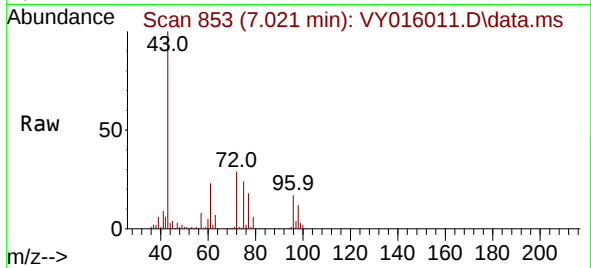
Tgt Ion: 63 Resp: 200092
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.5 1.8 5.5





#25
2-Butanone
Concen: 185.892 ug/l
RT: 7.021 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

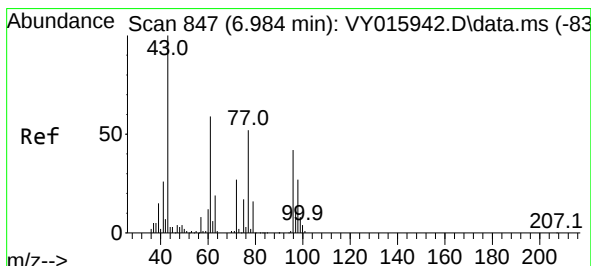
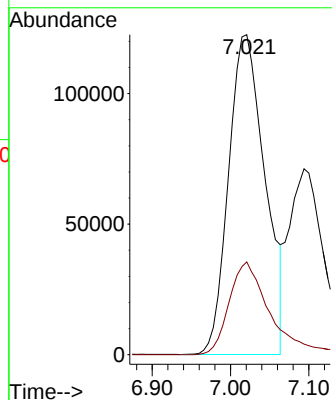
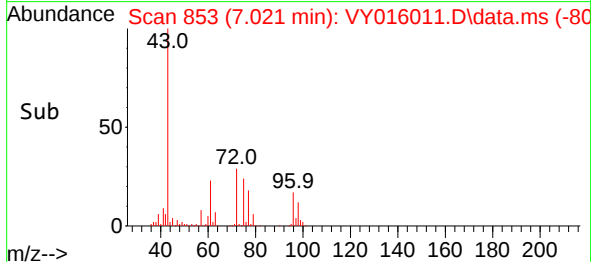
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 396359
Ion Ratio Lower Upper
43 100
72 29.0 20.5 30.7

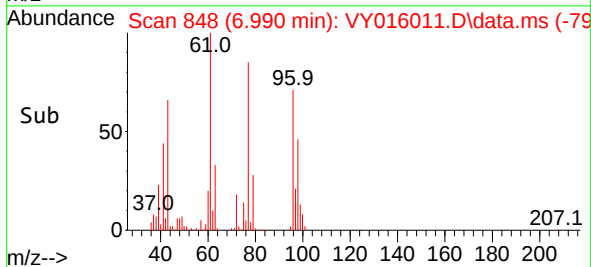
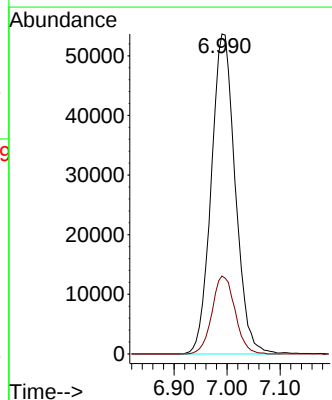
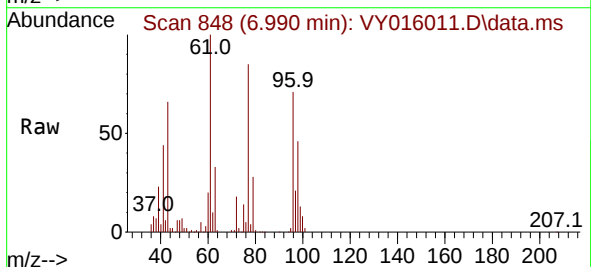
Manual Integrations
APPROVED

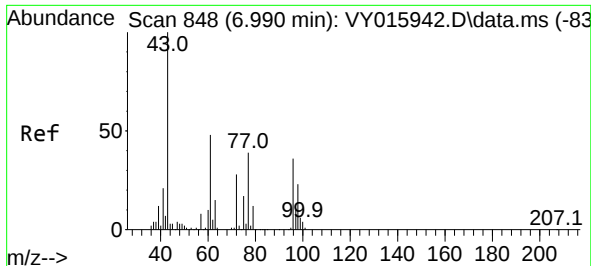
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#26
2,2-Dichloropropane
Concen: 47.298 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 77 Resp: 168515
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.361 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016011.D

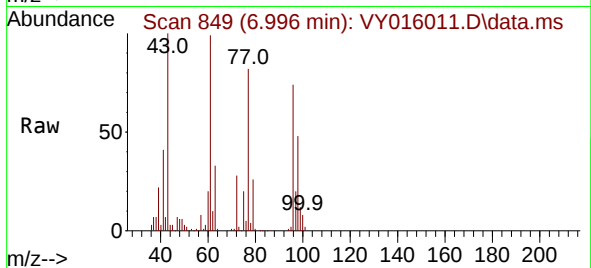
Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 130948

Ion Ratio Lower Upper

96 100

61 138.6 0.0 301.4

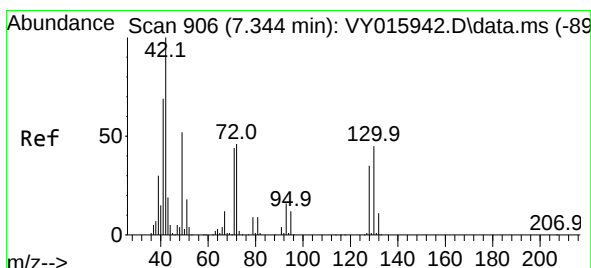
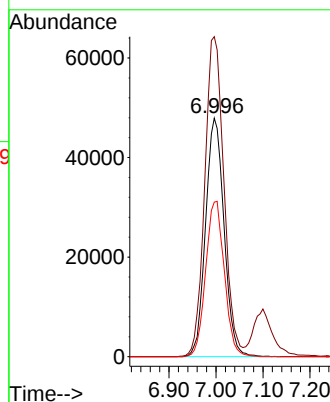
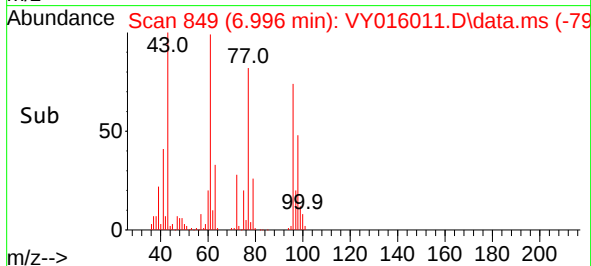
98 65.7 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#28

Bromochloromethane

Concen: 52.225 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

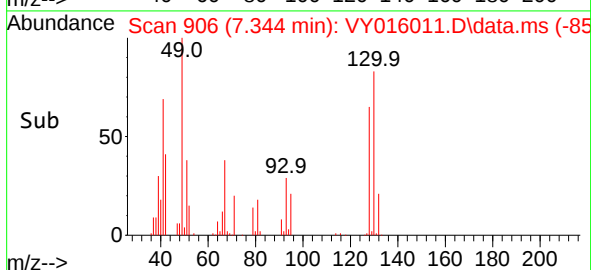
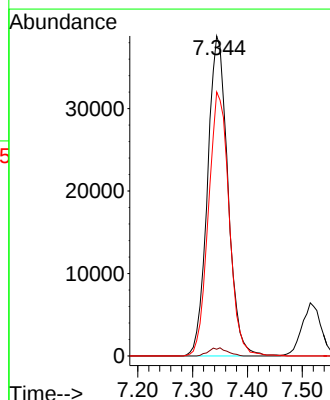
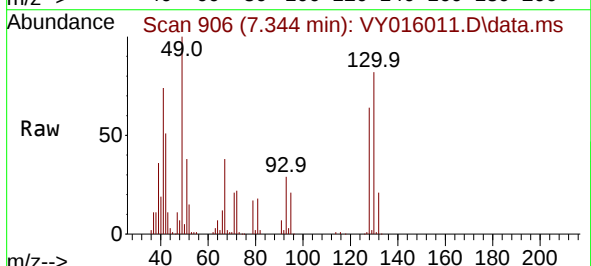
Tgt Ion: 49 Resp: 99995

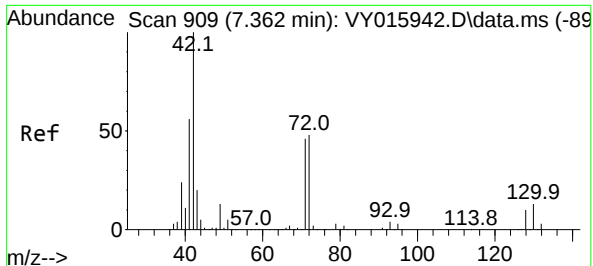
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 83.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 218.256 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

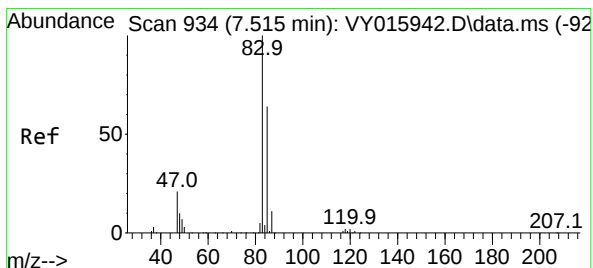
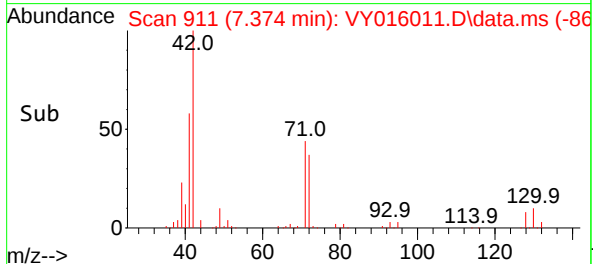
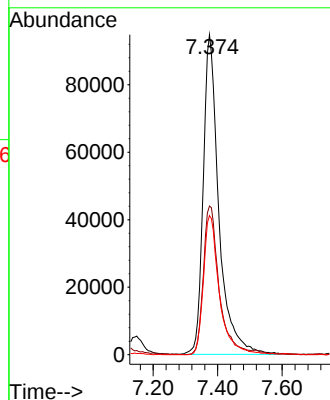
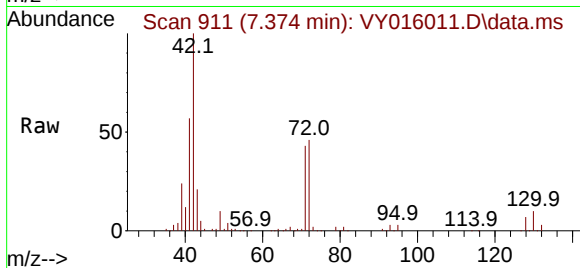
Tgt Ion: 42 Resp: 318999
 Ion Ratio Lower Upper
 42 100
 72 46.9 32.8 49.2
 71 44.6 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#30

Chloroform

Concen: 47.790 ug/l

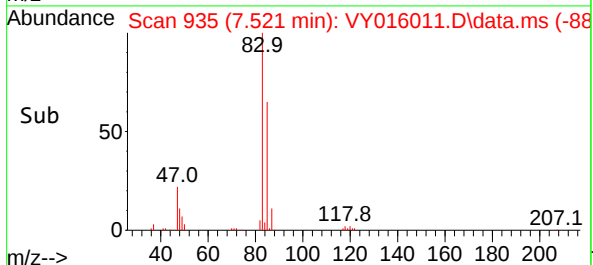
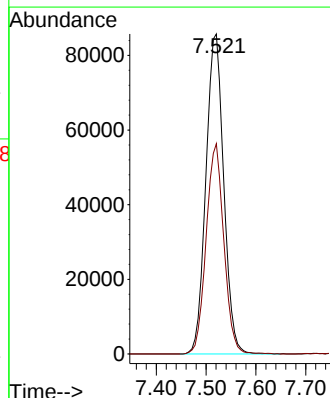
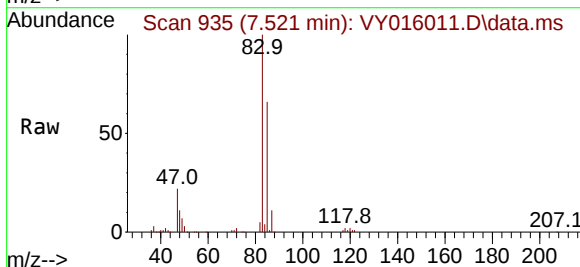
RT: 7.521 min Scan# 935

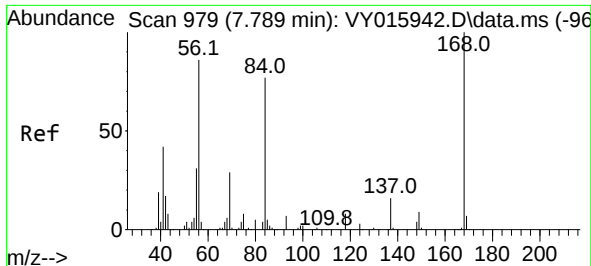
Delta R.T. 0.006 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

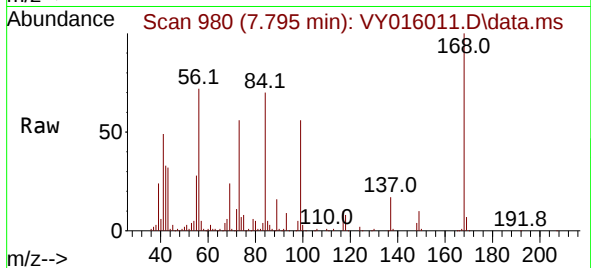
Tgt Ion: 83 Resp: 212826
 Ion Ratio Lower Upper
 83 100
 85 65.7 49.7 74.5





#31
Cyclohexane
Concen: 43.366 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

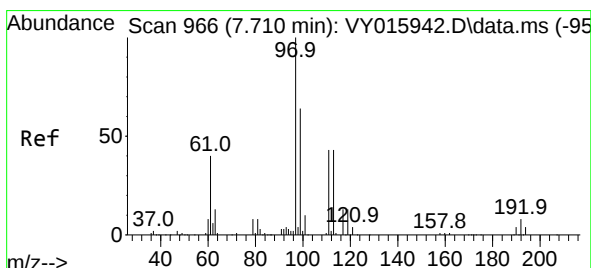
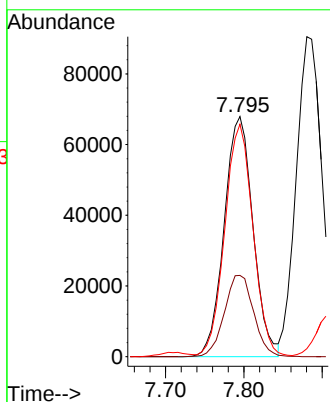
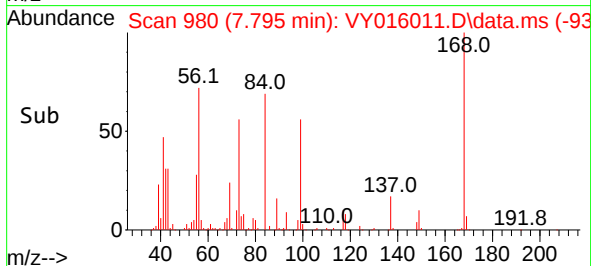
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17410
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 95.0 66.4 99.6

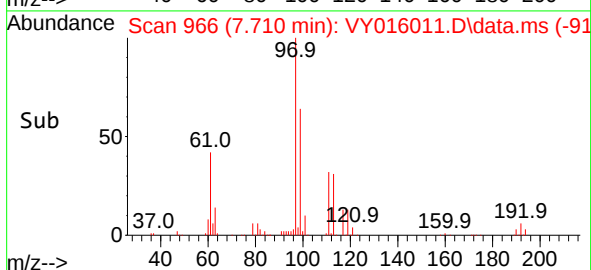
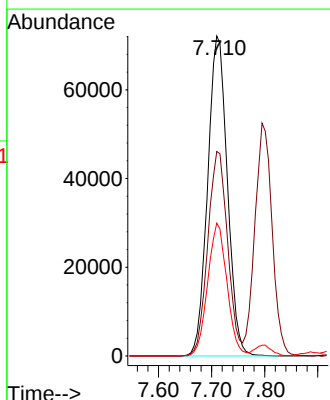
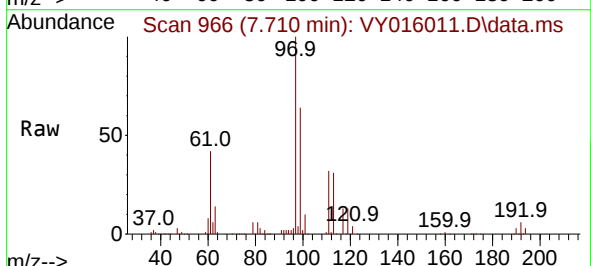
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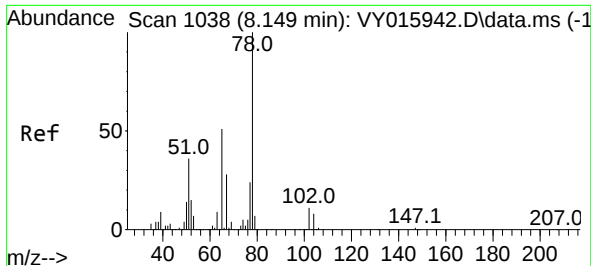
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#32
1,1,1-Trichloroethane
Concen: 47.010 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 97 Resp: 186194
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.973 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12603

Ion Ratio Lower Upper

65 100

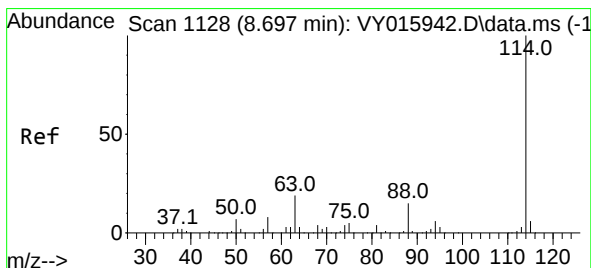
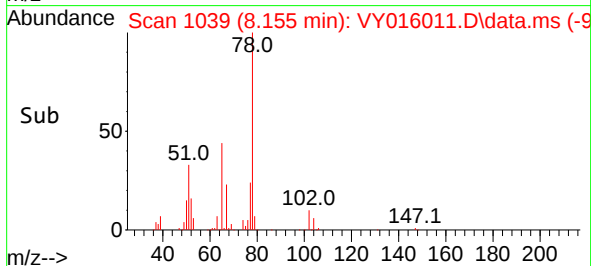
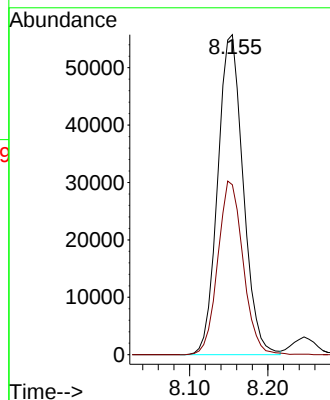
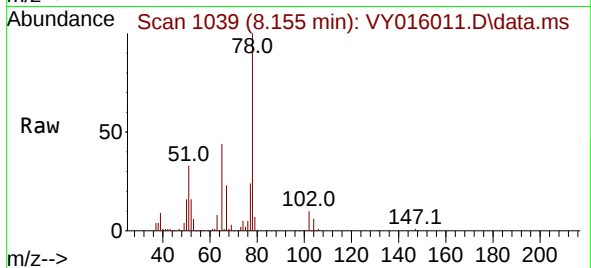
67 53.9 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

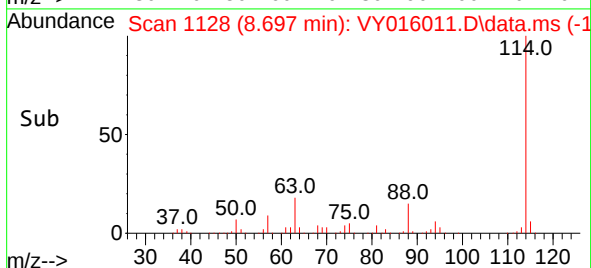
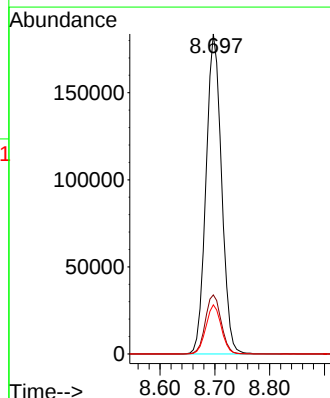
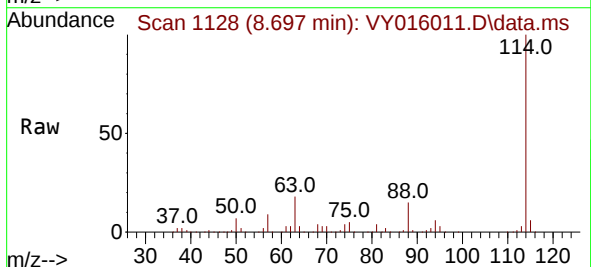
Tgt Ion:114 Resp: 359844

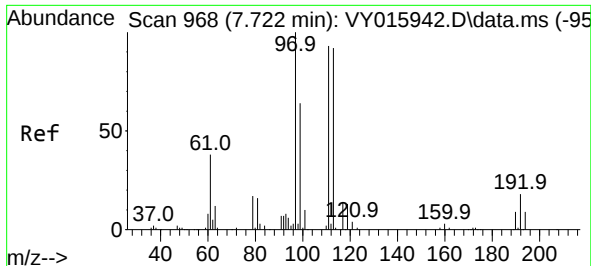
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

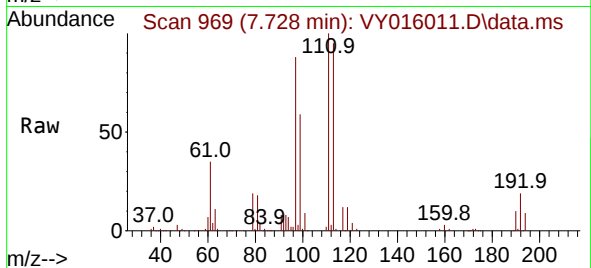
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.273 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

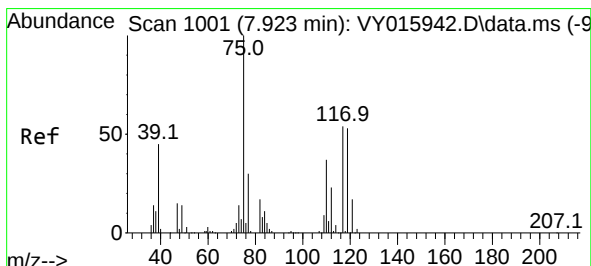
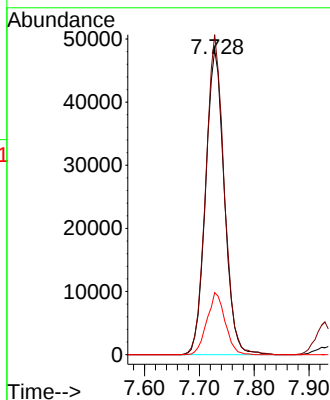
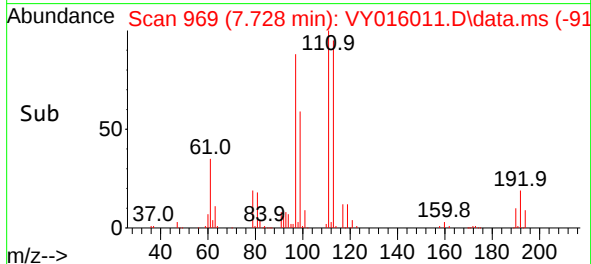
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



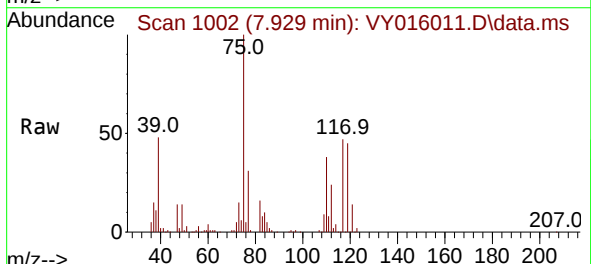
Tgt Ion:113 Resp: 113889
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.8 16.9 25.3

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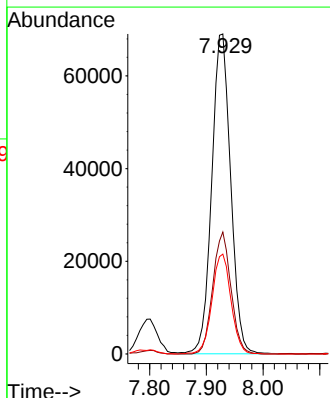
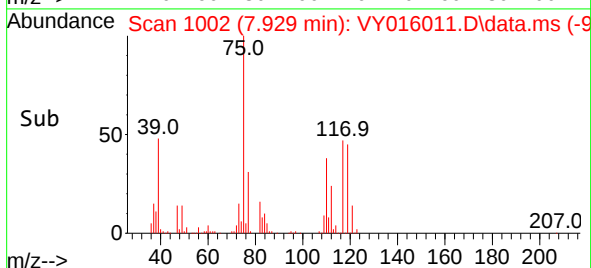
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

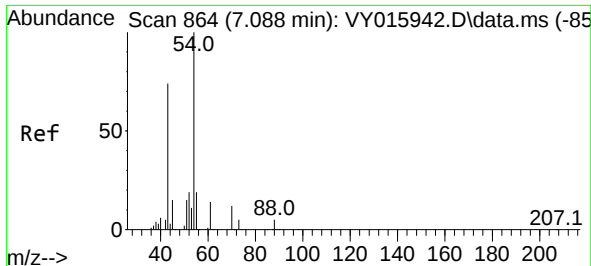


#36
1,1-Dichloropropene
Concen: 46.816 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



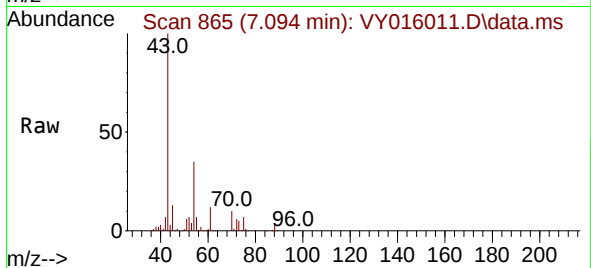
Tgt Ion: 75 Resp: 160027
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 42.389 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

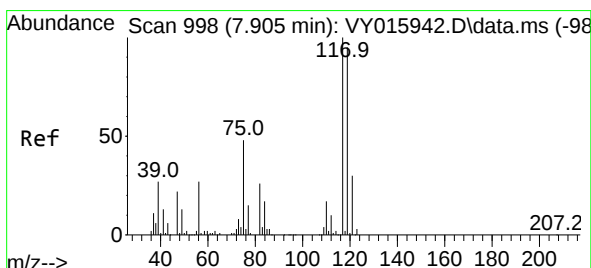
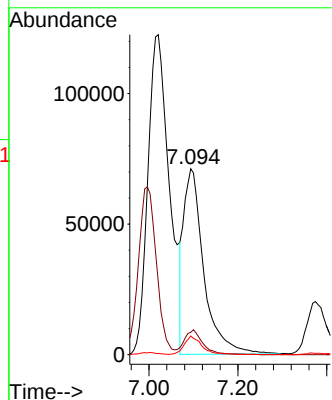
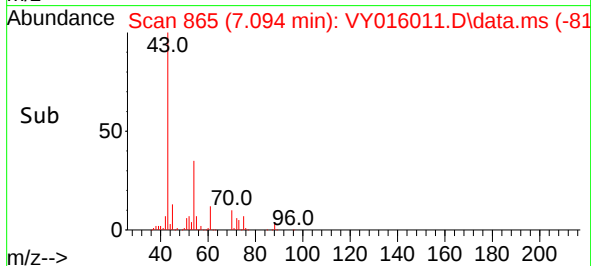
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 22356
Ion Ratio Lower Upper
43 100
61 12.2 10.1 15.1
70 8.7 7.1 10.7

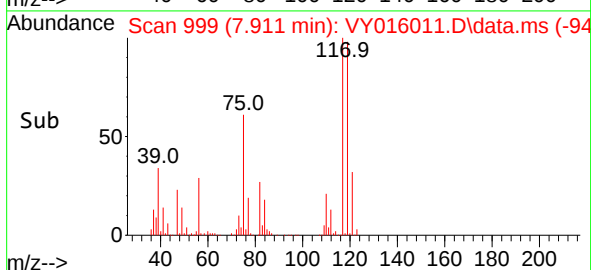
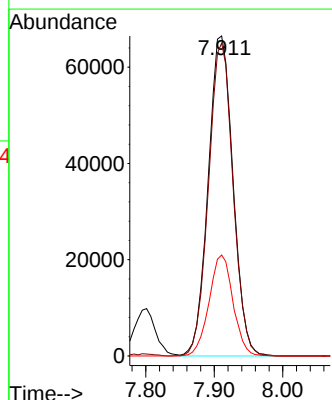
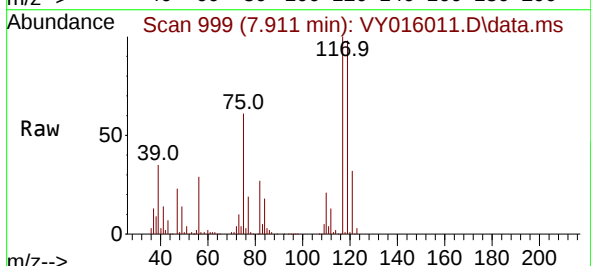
Manual Integrations
APPROVED

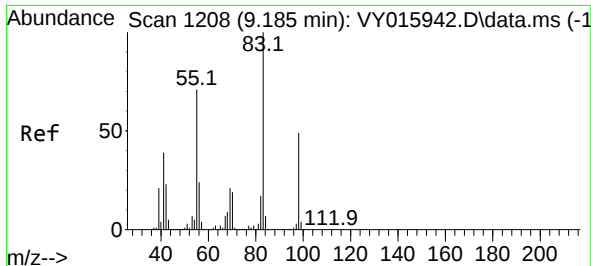
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#38
Carbon Tetrachloride
Concen: 46.440 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

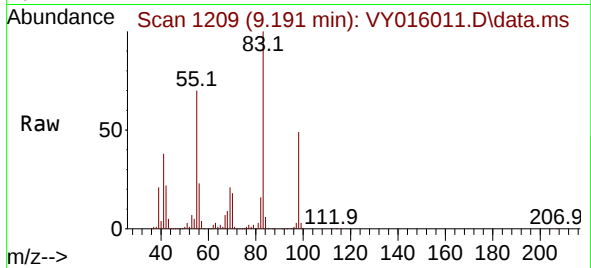
Tgt Ion:117 Resp: 167178
Ion Ratio Lower Upper
117 100
119 97.8 76.4 114.6
121 31.5 25.8 38.6





#39
Methylcyclohexane
Concen: 45.139 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

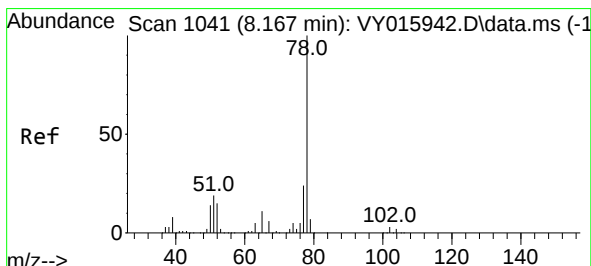
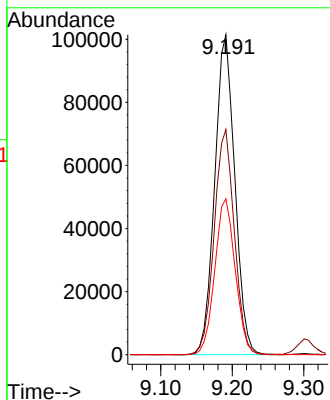
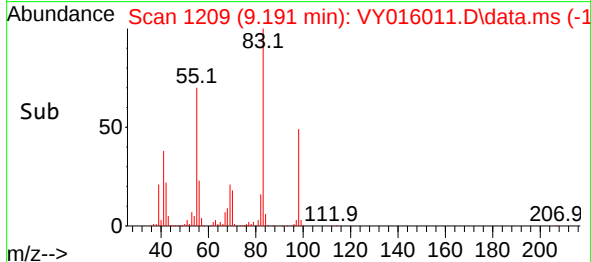
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 197962
Ion Ratio Lower Upper
83 100
55 70.3 63.0 94.4
98 48.7 37.4 56.2

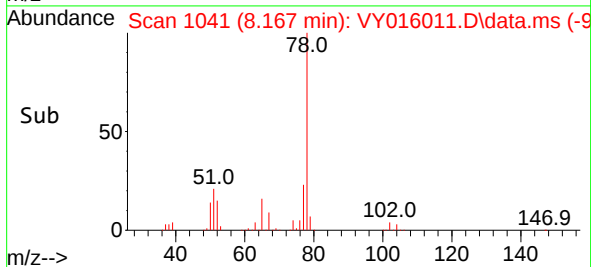
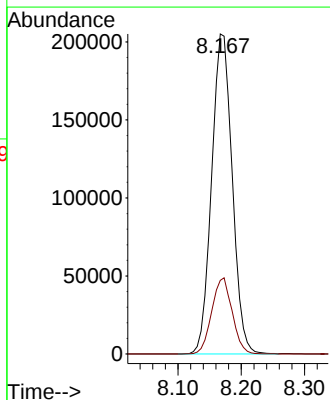
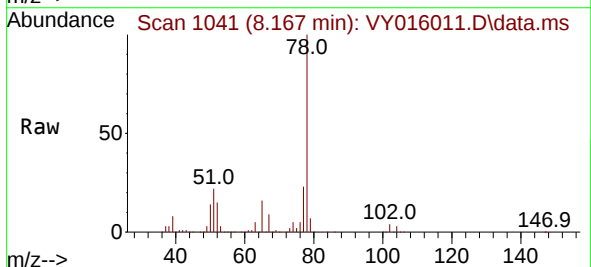
Manual Integrations
APPROVED

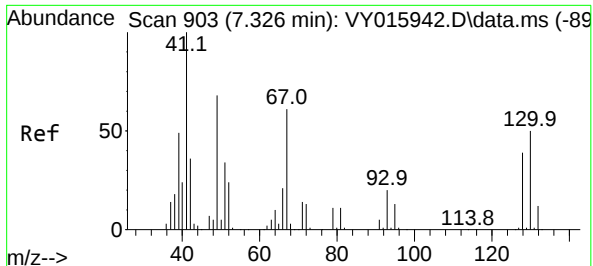
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#40
Benzene
Concen: 46.807 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 78 Resp: 462929
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





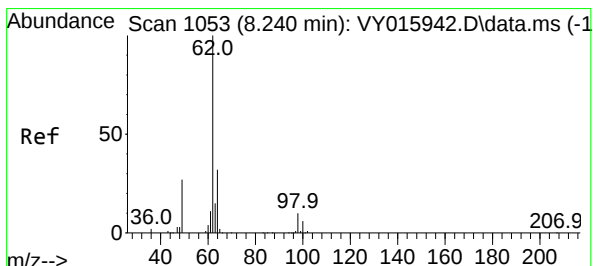
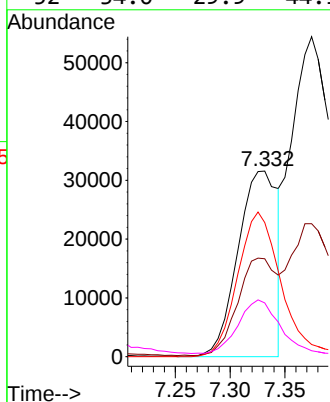
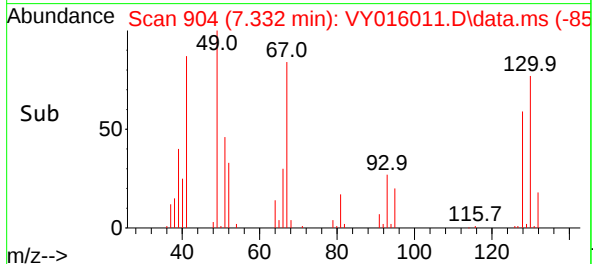
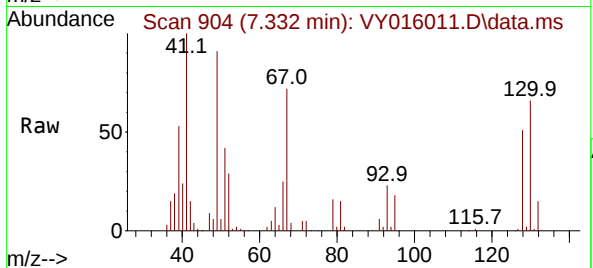
#41
Methacrylonitrile
Concen: 45.642 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 7937
Ion Ratio Lower Upper
41 100
39 51.3 52.1 78.1
67 87.6 66.2 99.2
52 34.0 29.9 44.9

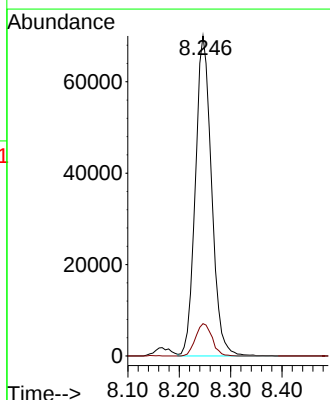
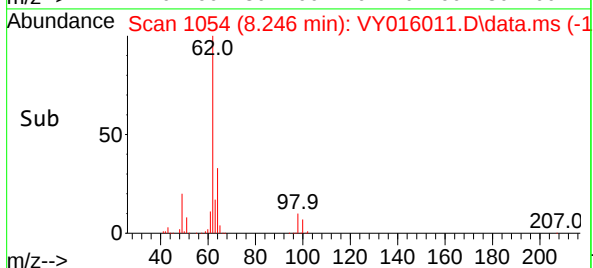
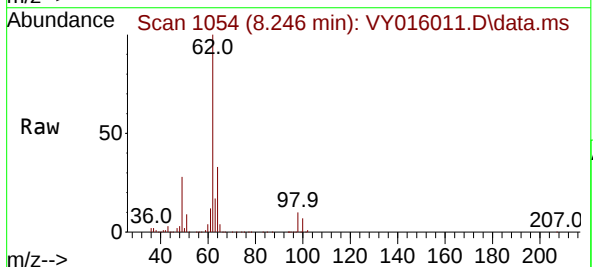
Manual Integrations
APPROVED

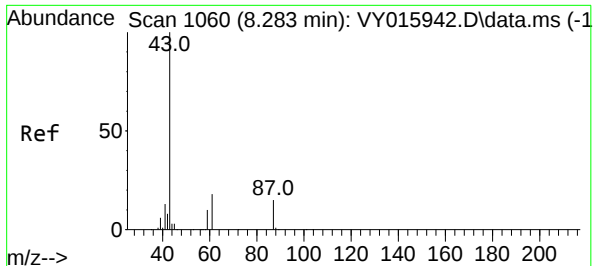
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#42
1,2-Dichloroethane
Concen: 48.316 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 62 Resp: 153328
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8





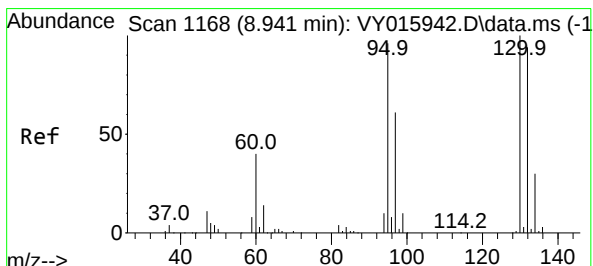
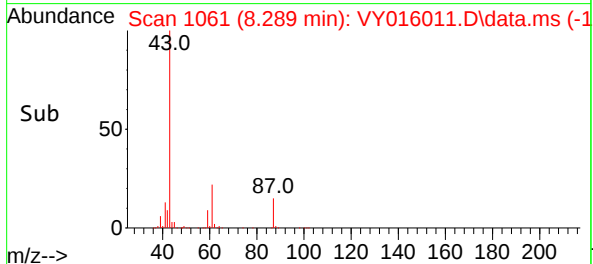
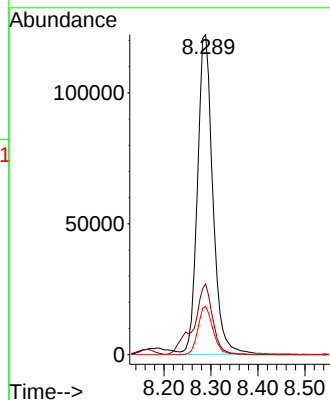
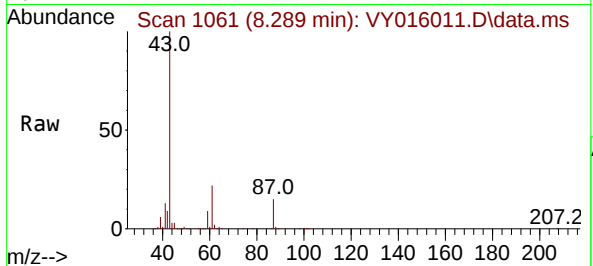
#43
Isopropyl Acetate
Concen: 48.937 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 27728
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 14.8 9.8 14.8

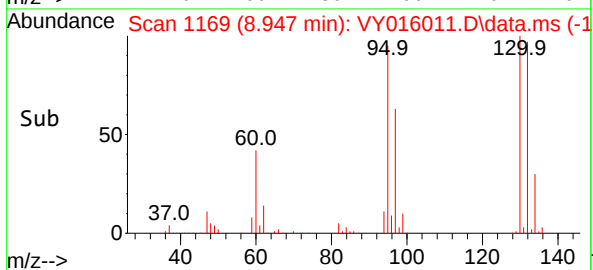
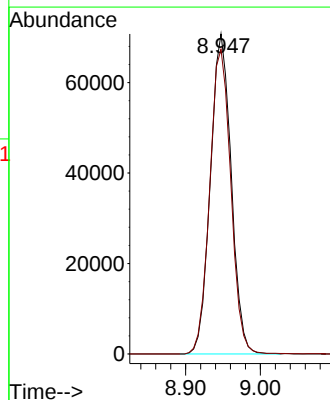
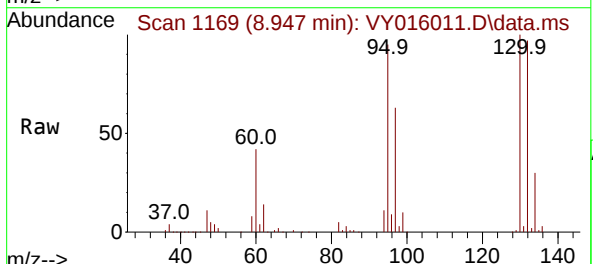
Manual Integrations
APPROVED

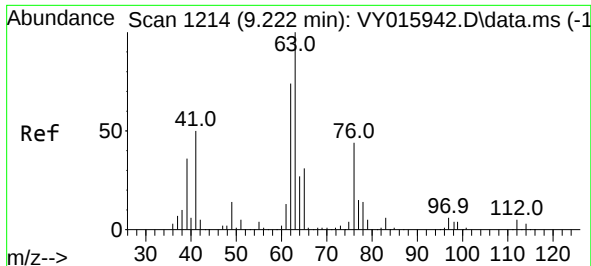
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#44
Trichloroethene
Concen: 44.855 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:130 Resp: 136712
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.921 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 120938

Ion Ratio Lower Upper

63 100

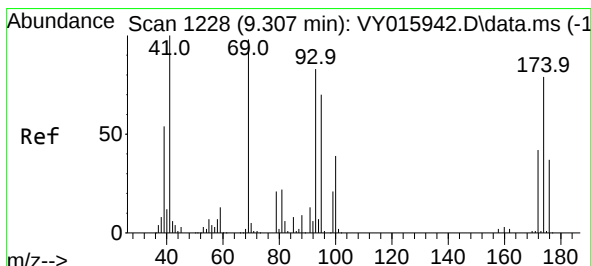
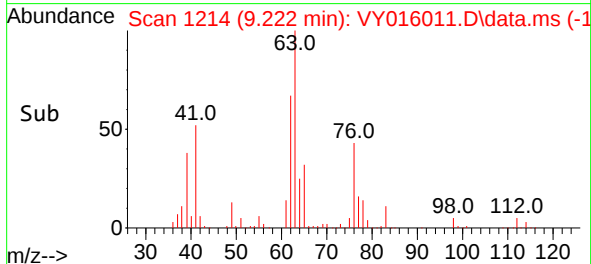
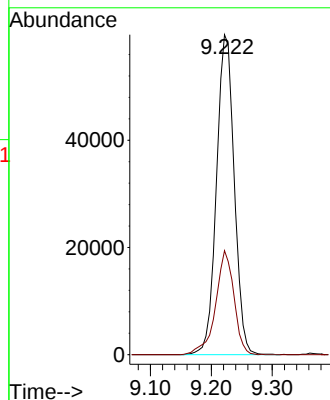
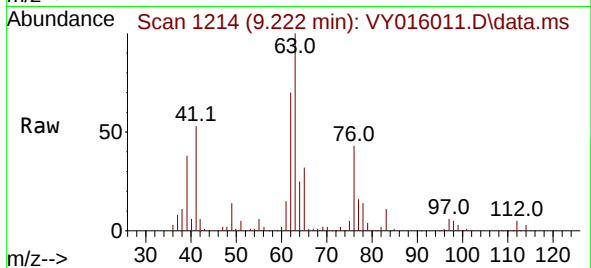
65 32.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#46

Dibromomethane

Concen: 47.773 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

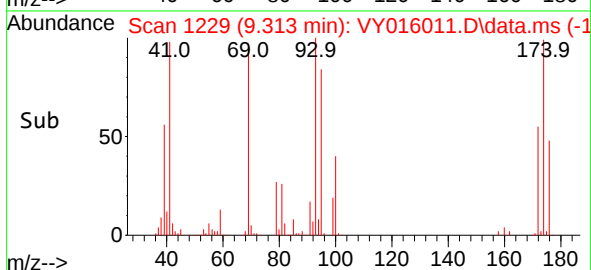
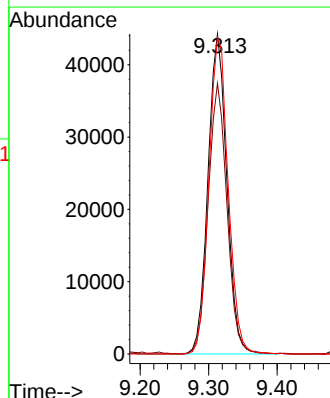
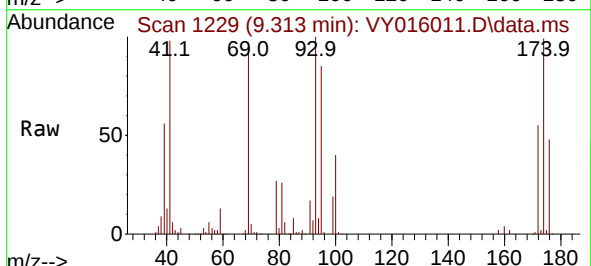
Tgt Ion: 93 Resp: 84745

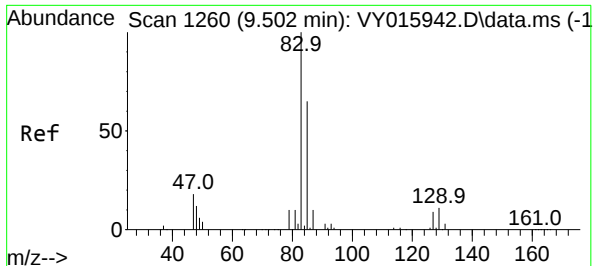
Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

174 101.0 84.8 127.2





#47

Bromodichloromethane

Concen: 47.881 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 171514

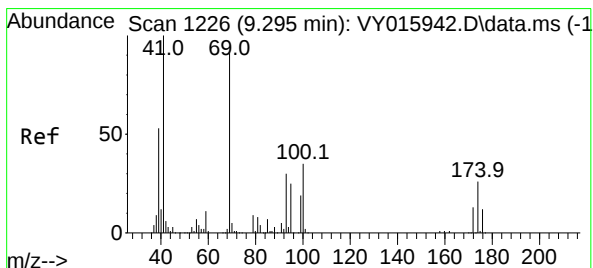
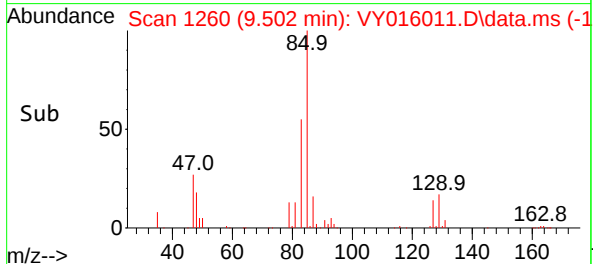
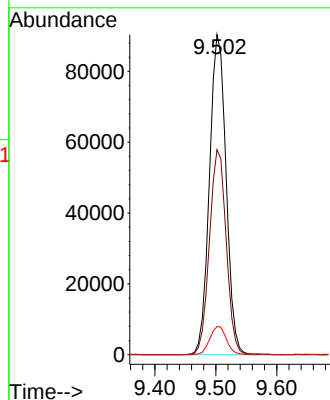
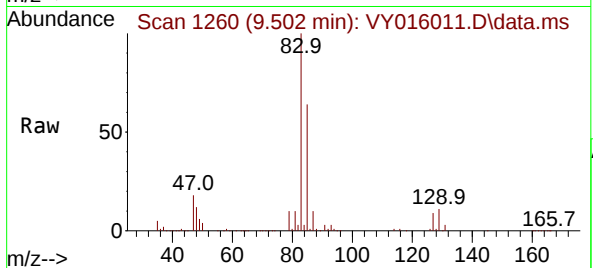
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.1	75.1
127	8.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#48

Methyl methacrylate

Concen: 48.999 ug/l

RT: 9.301 min Scan# 1227

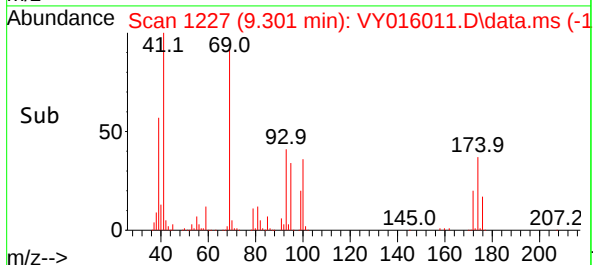
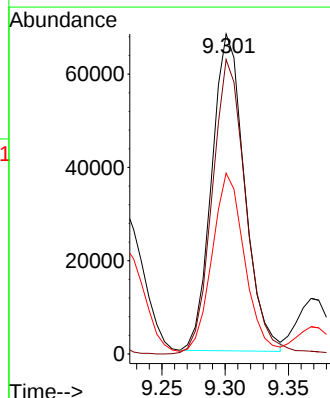
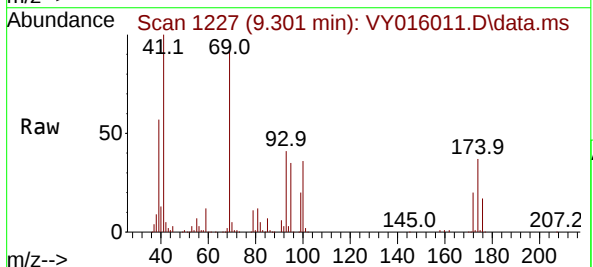
Delta R.T. 0.006 min

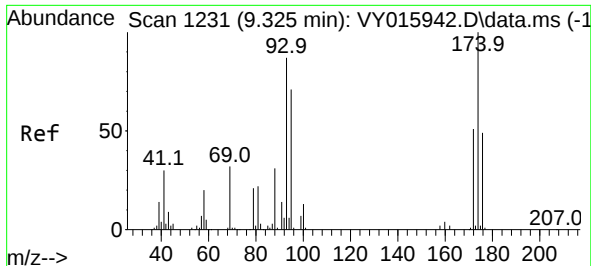
Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion: 41 Resp: 122633

Ion	Ratio	Lower	Upper
41	100		
69	95.5	64.5	96.7
39	55.2	50.8	76.2





#49

1,4-Dioxane

Concen: 1008.841 ug/l m

RT: 9.368 min Scan# 1

Delta R.T. 0.043 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

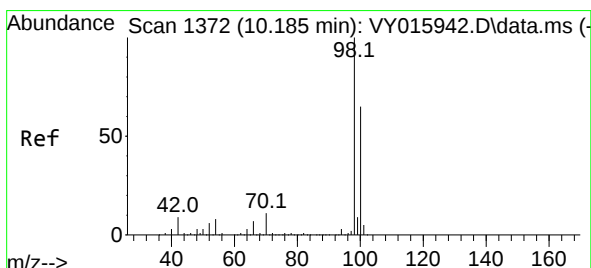
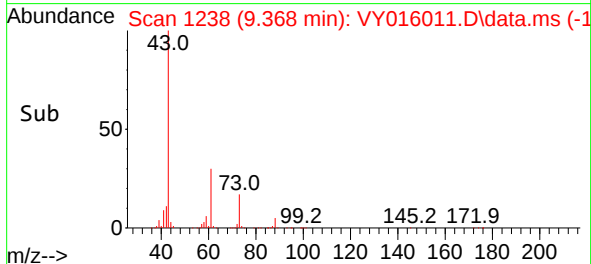
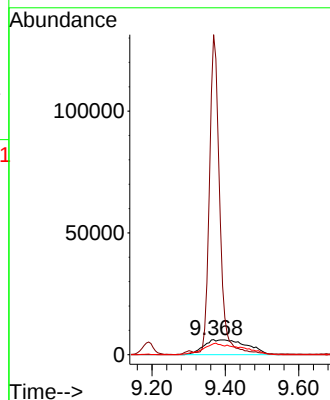
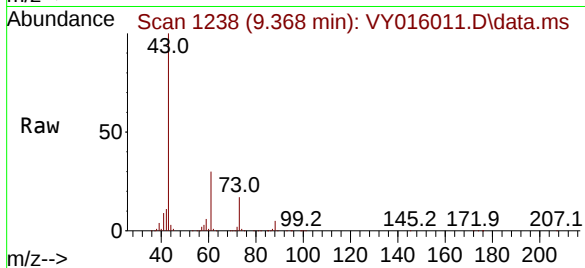
Tgt Ion: 88 Resp: 49908
 Ion Ratio Lower Upper
 88 100
 43 507.3 0.0 0.0
 58 35.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#50

Toluene-d8

Concen: 49.018 ug/l

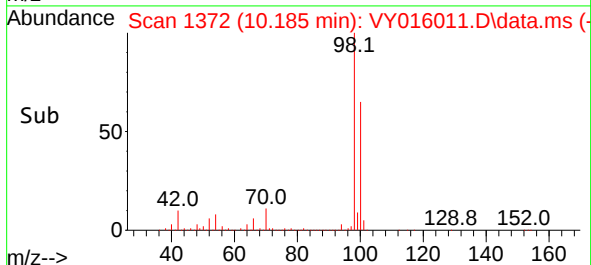
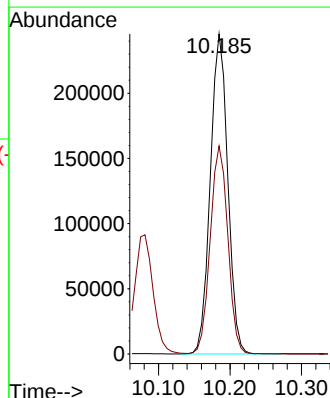
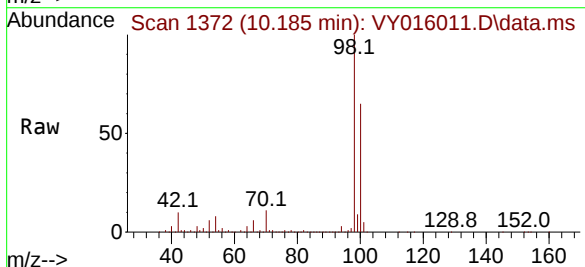
RT: 10.185 min Scan# 1372

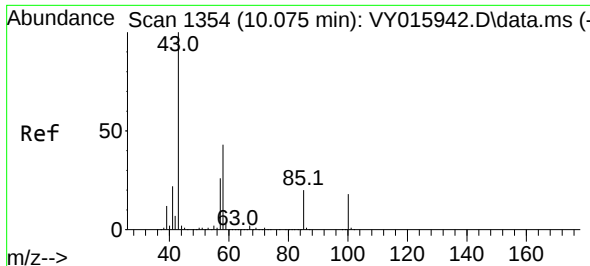
Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

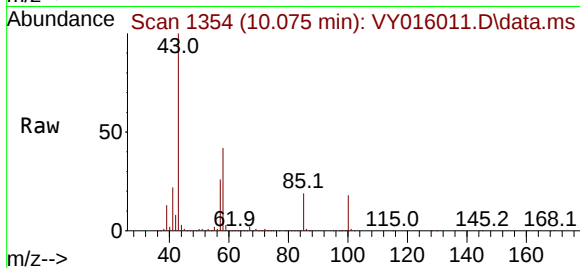
Tgt Ion: 98 Resp: 415856
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 220.547 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

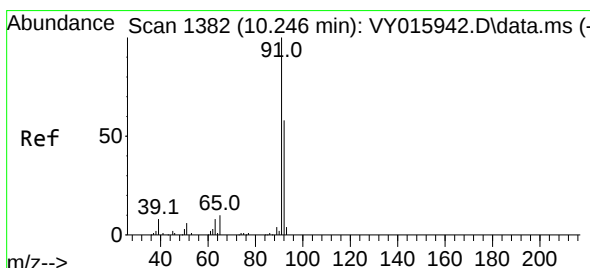
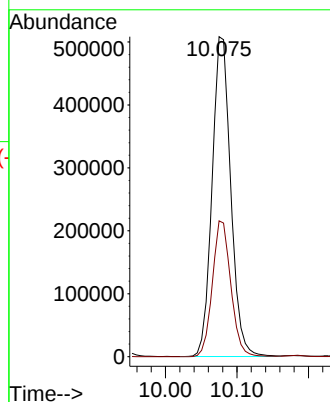
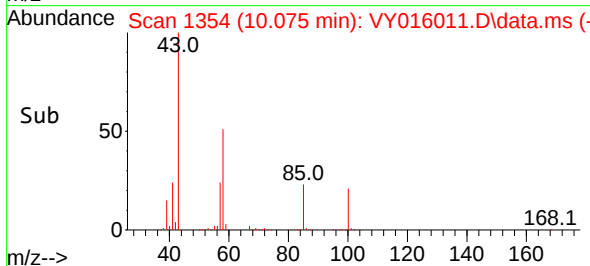
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 920939
Ion Ratio Lower Upper
43 100
58 42.0 29.0 43.6

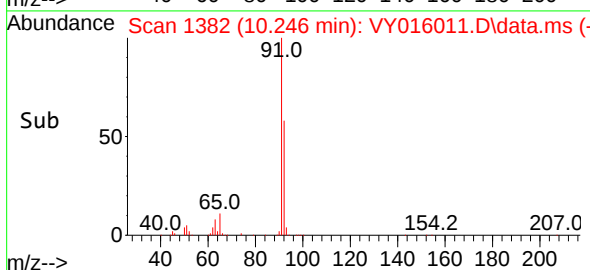
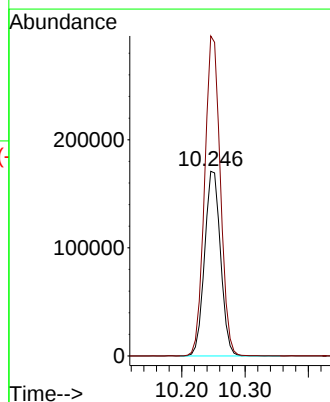
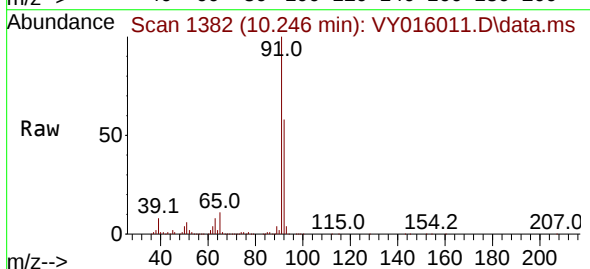
Manual Integrations
APPROVED

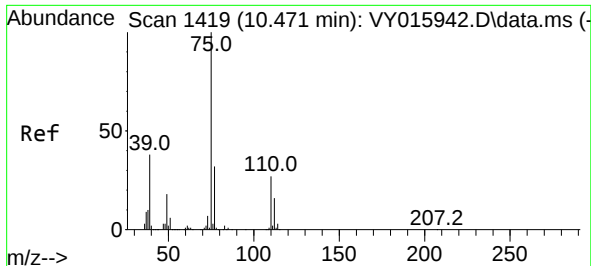
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#52
Toluene
Concen: 47.401 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

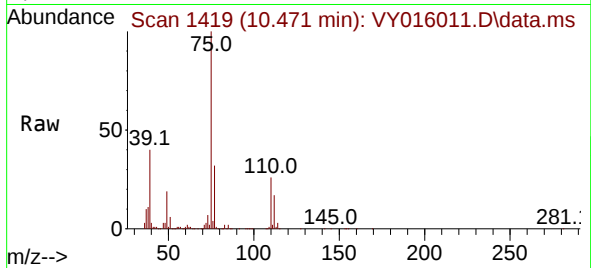
Tgt Ion: 92 Resp: 299732
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 47.994 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

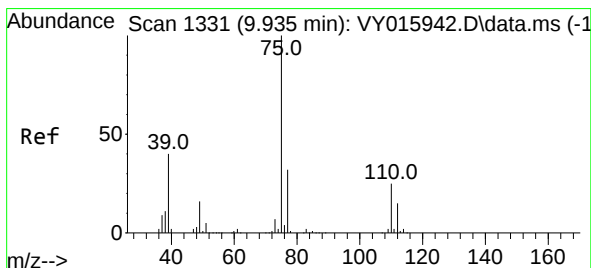
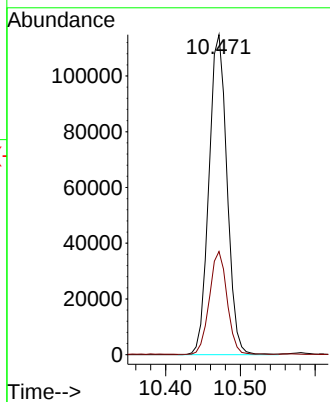
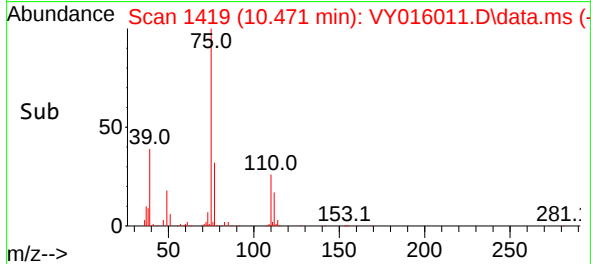
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 192762
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

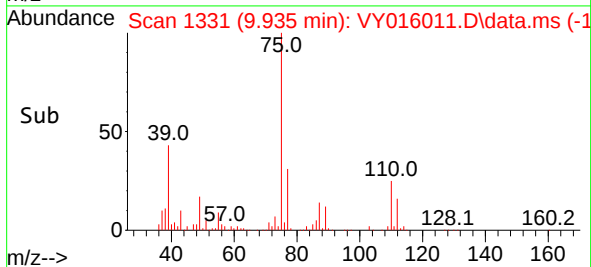
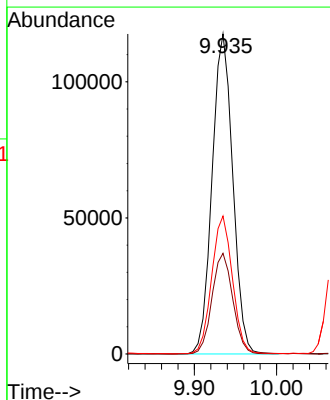
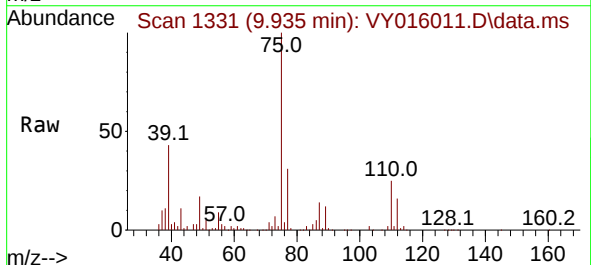
Manual Integrations
APPROVED

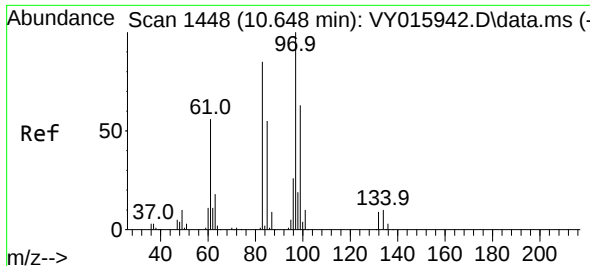
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
cis-1,3-Dichloropropene
Concen: 47.465 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

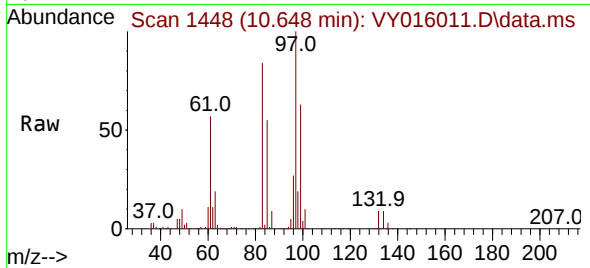
Tgt Ion: 75 Resp: 204930
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 43.0 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 47.249 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

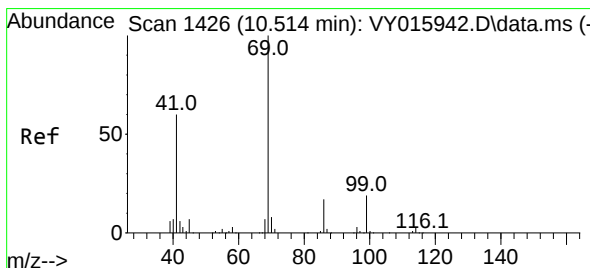
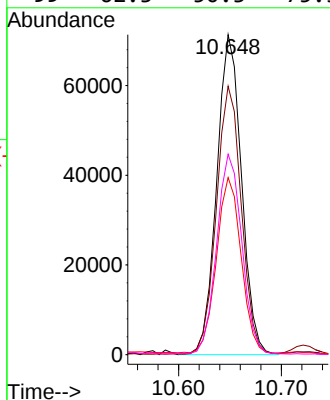
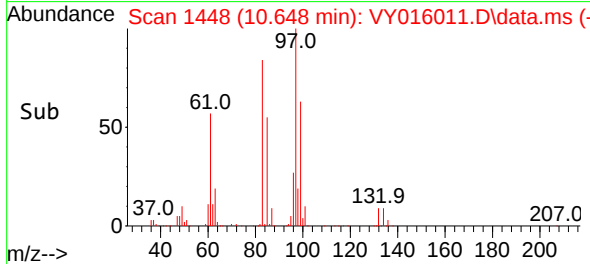
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



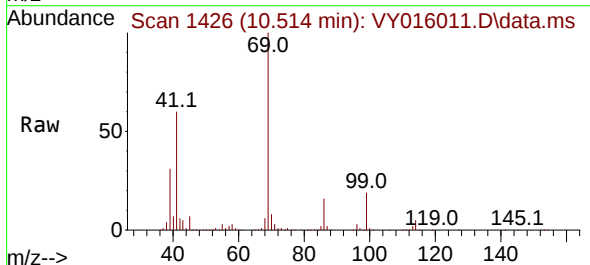
Tgt Ion: 97 Resp: 11933
Ion Ratio Lower Upper
97 100
83 83.7 72.0 108.0
85 54.8 45.4 68.0
99 62.3 50.3 75.5

Manual Integrations
APPROVED

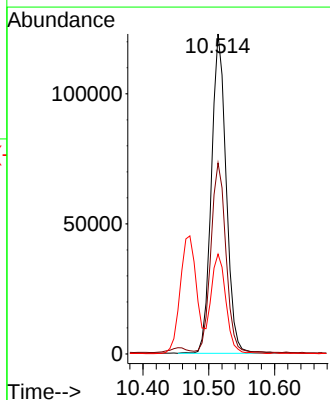
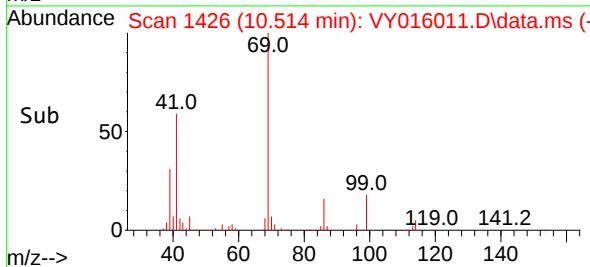
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

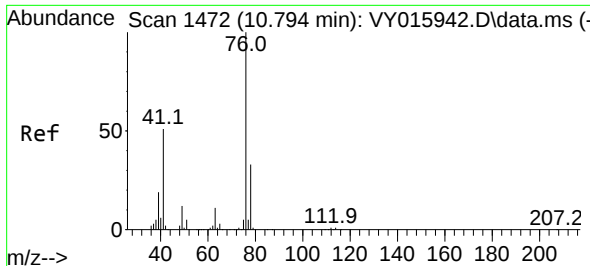


#56
Ethyl methacrylate
Concen: 48.693 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



Tgt Ion: 69 Resp: 192520
Ion Ratio Lower Upper
69 100
41 60.2 57.6 86.4
39 30.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 46.036 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 19724

Ion Ratio Lower Upper

76 100

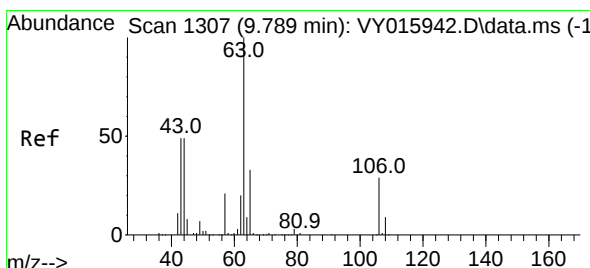
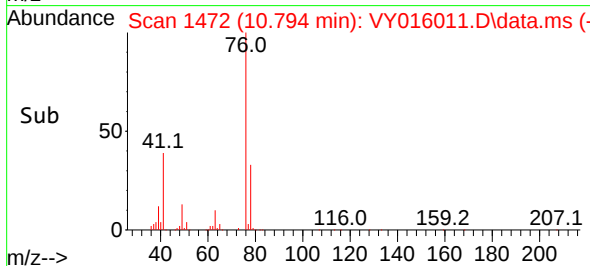
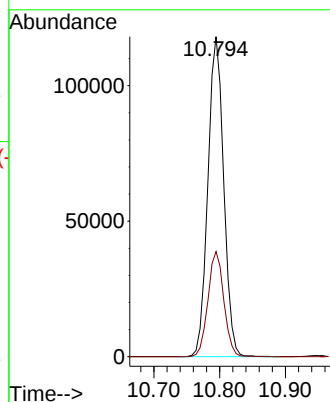
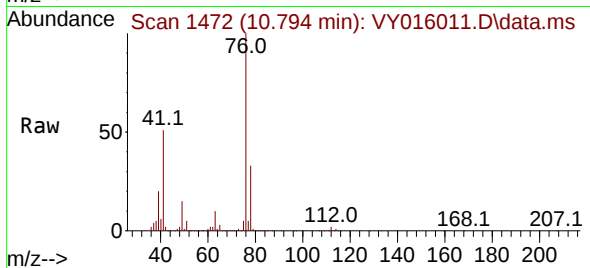
78 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 272.012 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016011.D

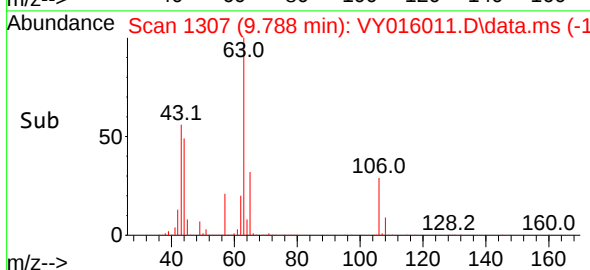
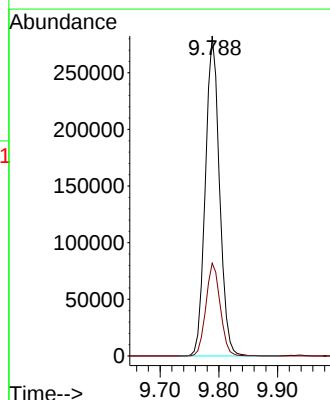
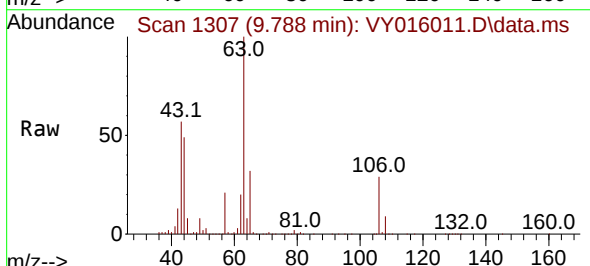
Acq: 17 Oct 2023 17:55

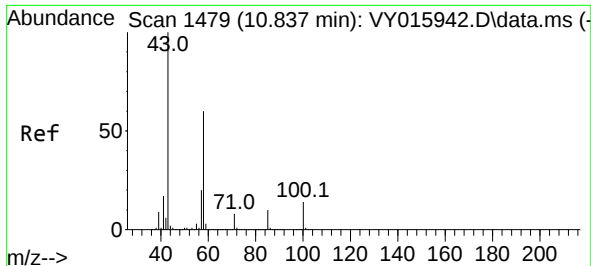
Tgt Ion: 63 Resp: 471941

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8





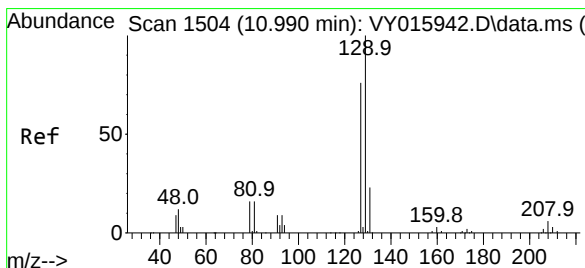
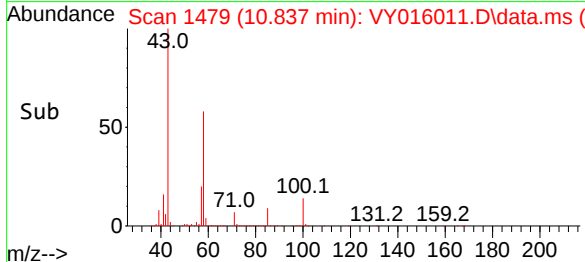
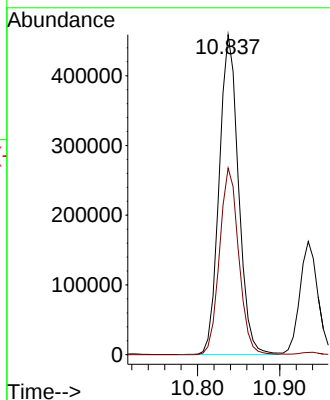
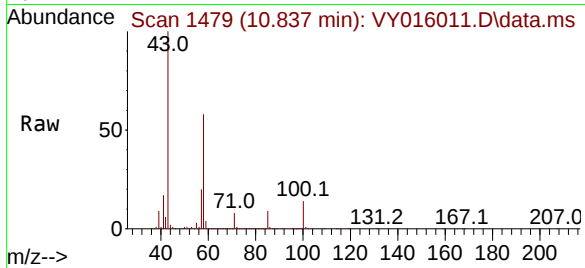
#59
2-Hexanone
Concen: 209.579 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 747033
Ion Ratio Lower Upper
43 100
58 58.2 25.1 75.3

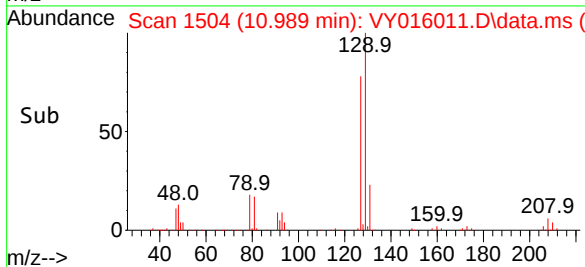
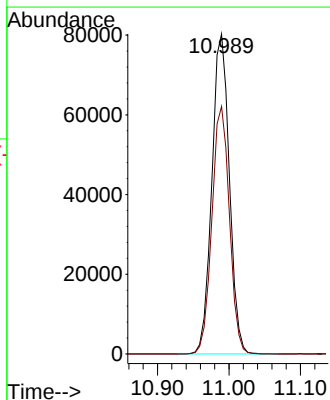
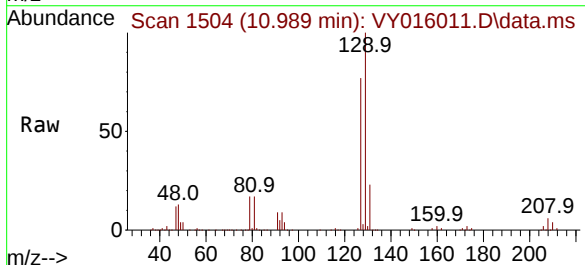
Manual Integrations
APPROVED

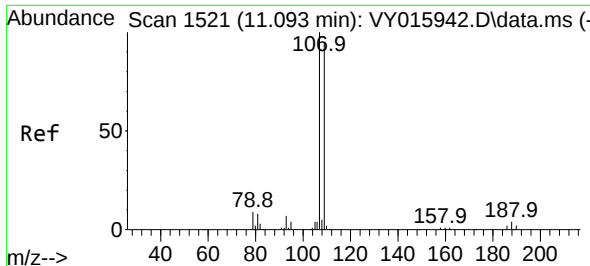
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#60
Dibromochloromethane
Concen: 47.416 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

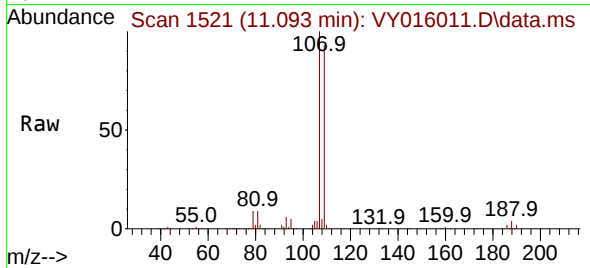
Tgt Ion:129 Resp: 136183
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 45.952 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

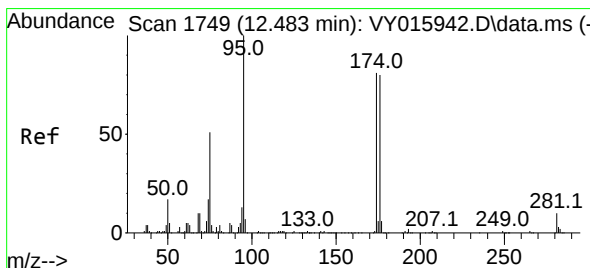
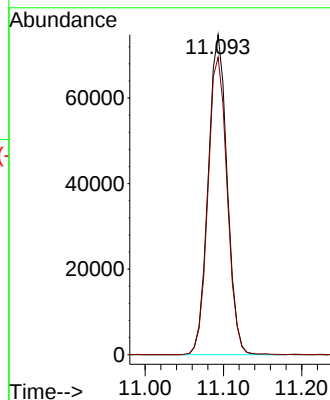
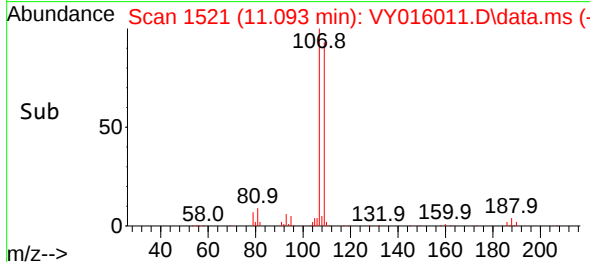
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



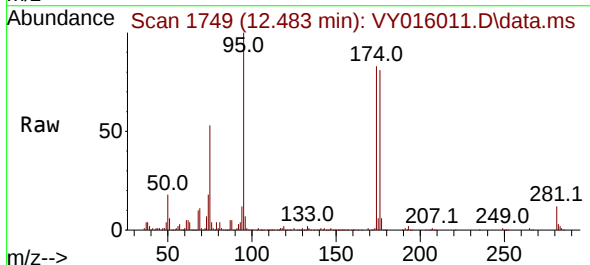
Tgt Ion:107 Resp: 12557
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

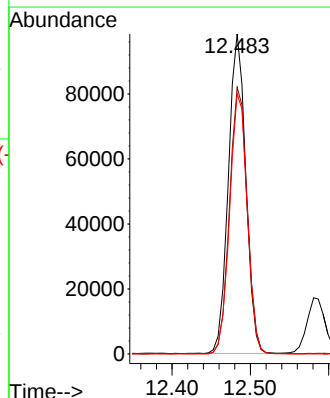
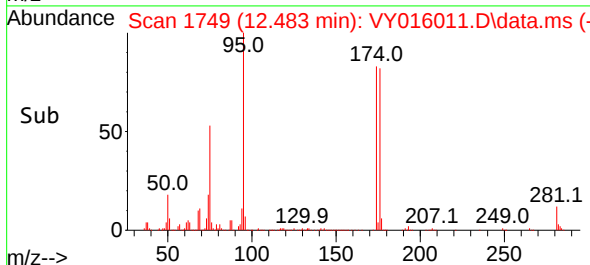
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

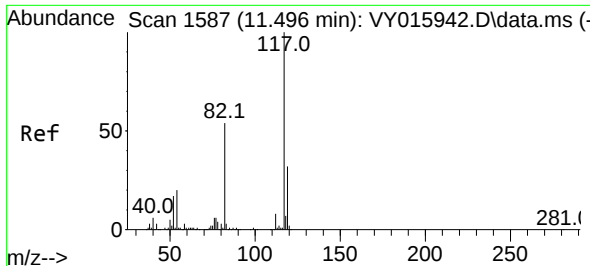


#62
4-Bromofluorobenzene
Concen: 50.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



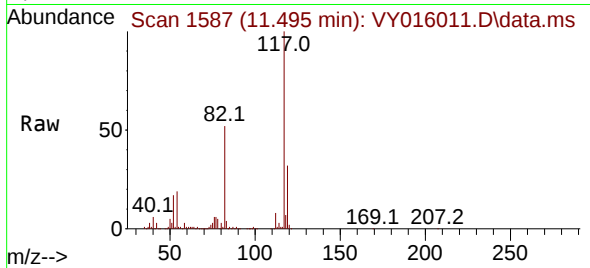
Tgt Ion: 95 Resp: 151623
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

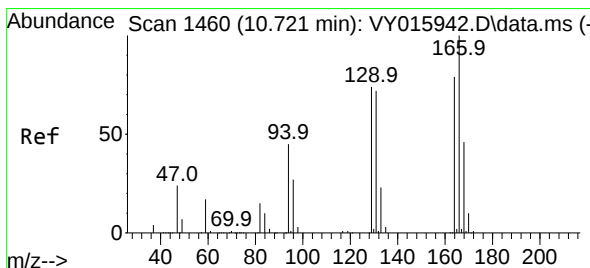
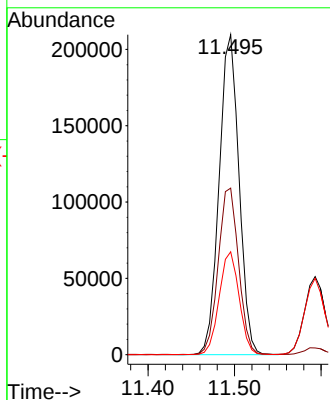
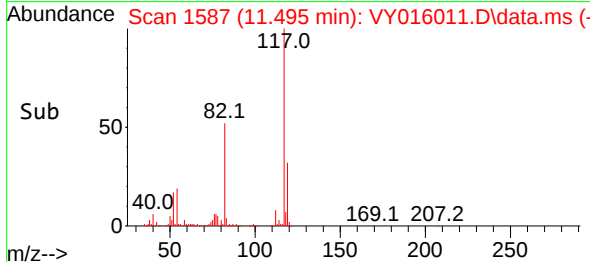
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 33439
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 32.1 26.3 39.5

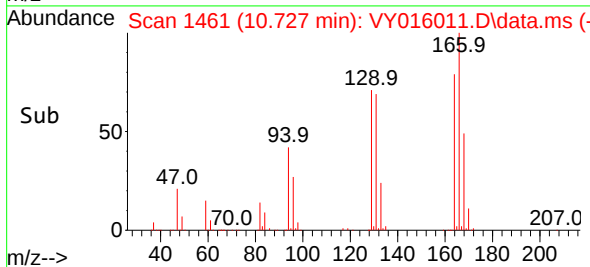
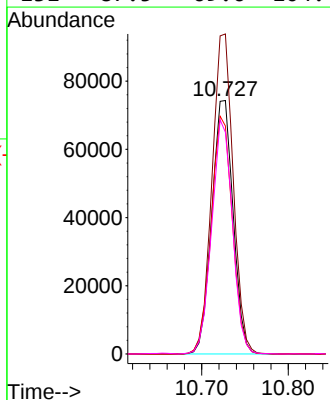
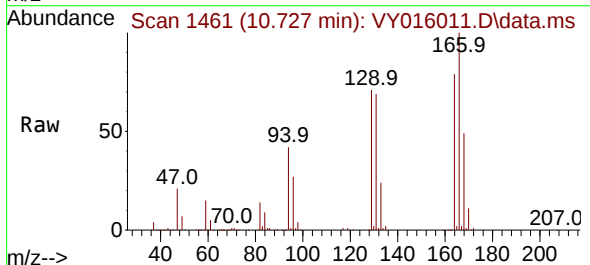
Manual Integrations
APPROVED

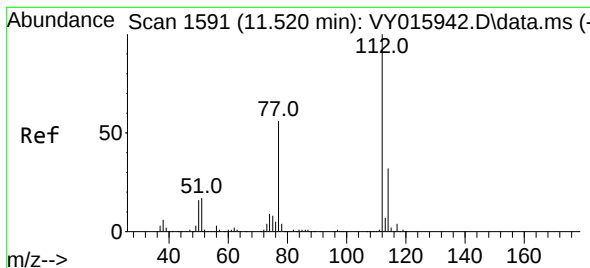
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#64
Tetrachloroethene
Concen: 43.736 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:164 Resp: 127492
Ion Ratio Lower Upper
164 100
166 126.2 103.0 154.6
129 89.9 77.2 115.8
131 87.5 69.6 104.4





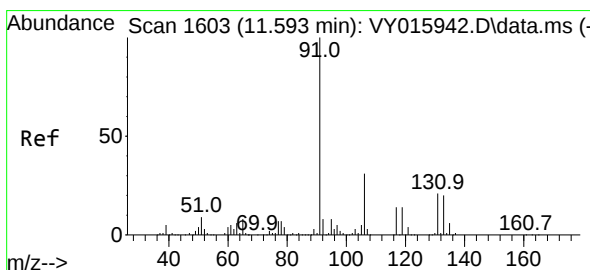
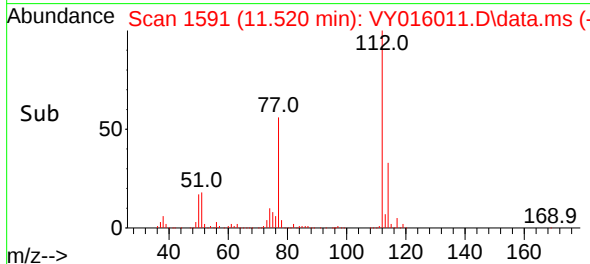
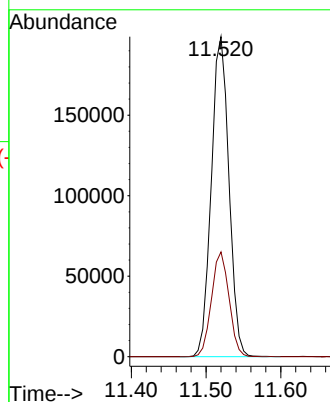
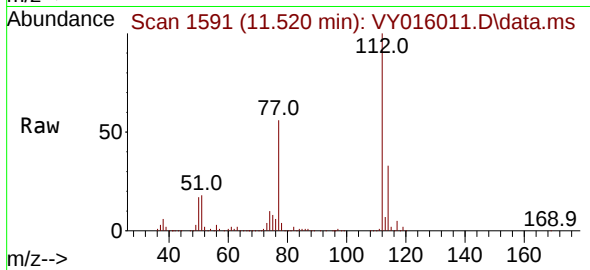
#65
Chlorobenzene
Concen: 46.671 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 327000
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

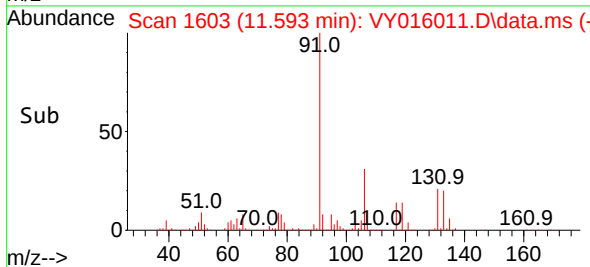
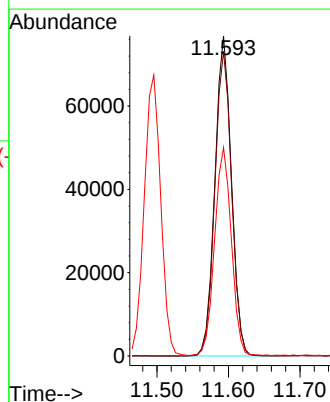
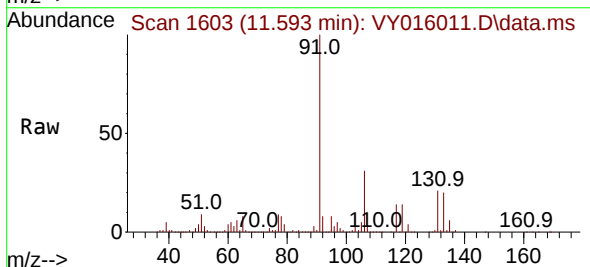
Manual Integrations
APPROVED

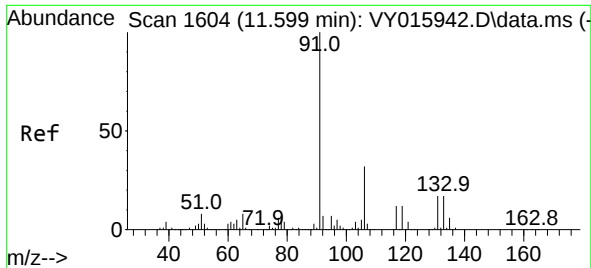
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.639 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:131 Resp: 123559
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.0 31.6 94.7





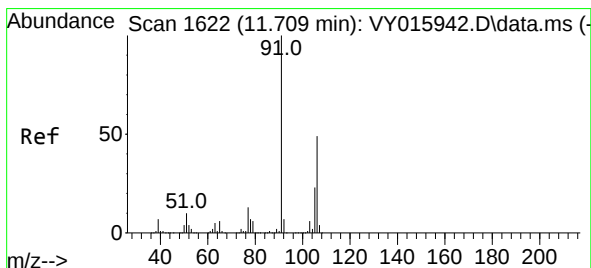
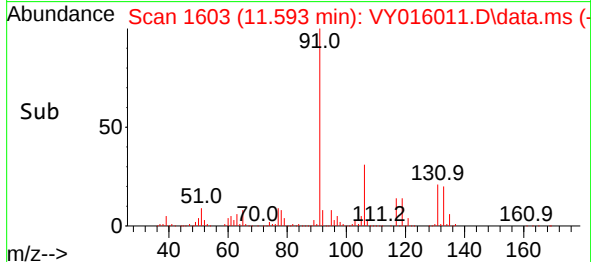
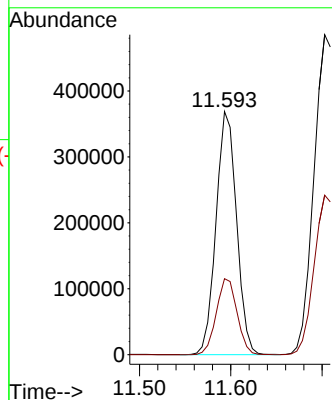
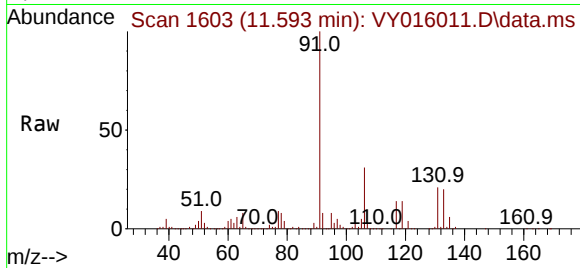
#67
Ethyl Benzene
Concen: 46.975 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 57550
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

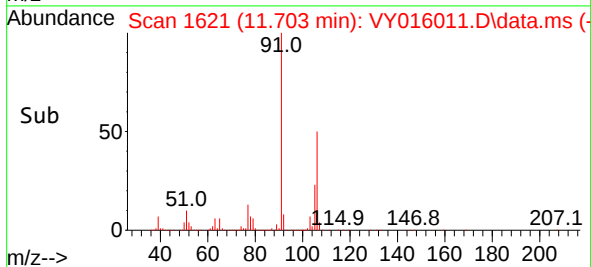
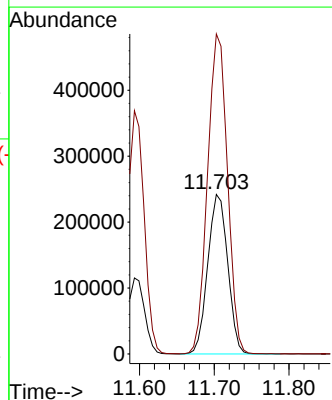
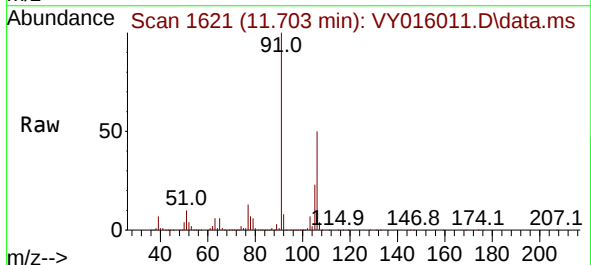
Manual Integrations
APPROVED

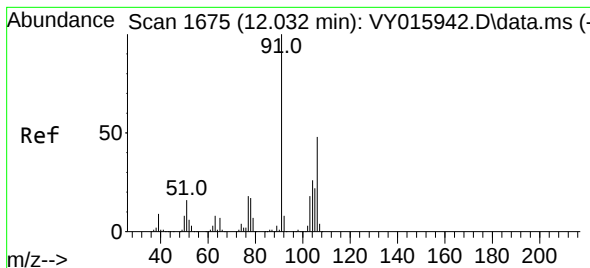
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#68
m/p-Xylenes
Concen: 94.880 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:106 Resp: 448592
Ion Ratio Lower Upper
106 100
91 200.1 166.1 249.1





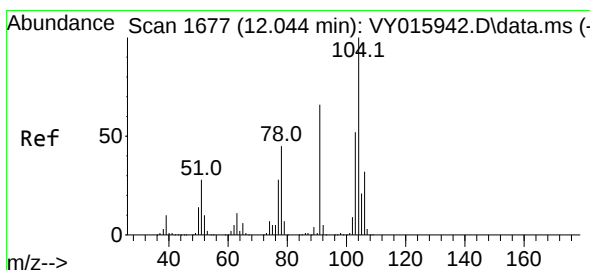
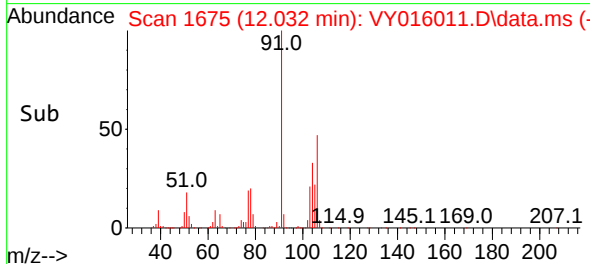
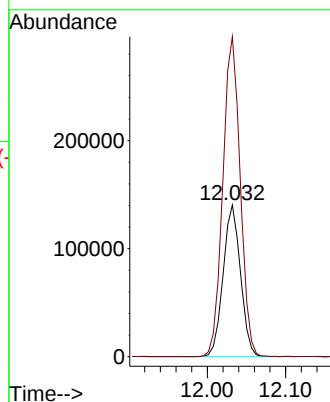
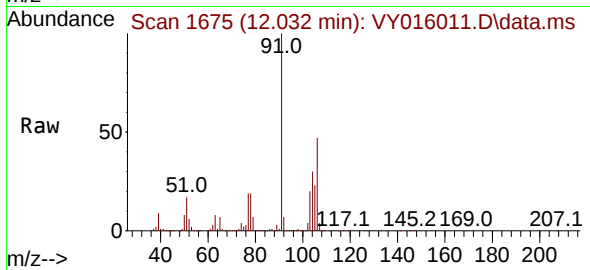
#69
o-Xylene
Concen: 47.883 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 216440
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3

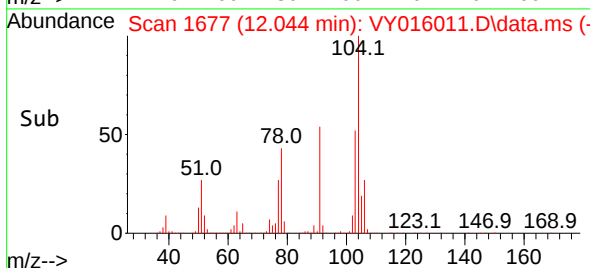
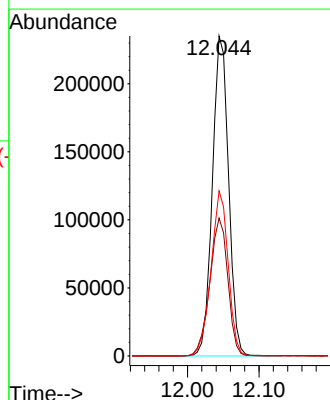
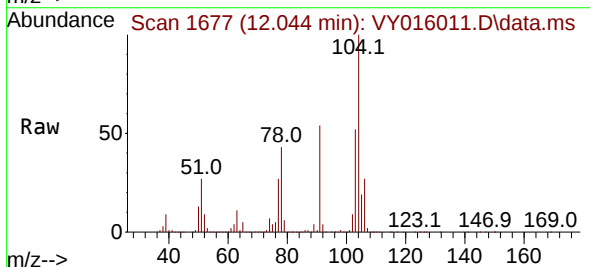
Manual Integrations
APPROVED

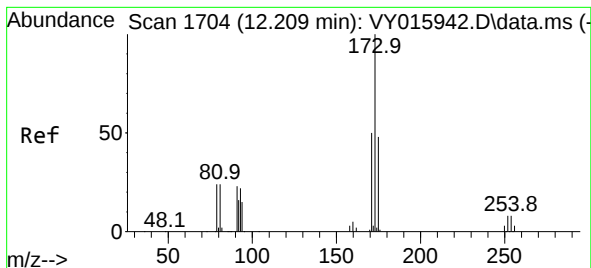
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#70
Styrene
Concen: 48.082 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:104 Resp: 369886
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 46.718 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 10318

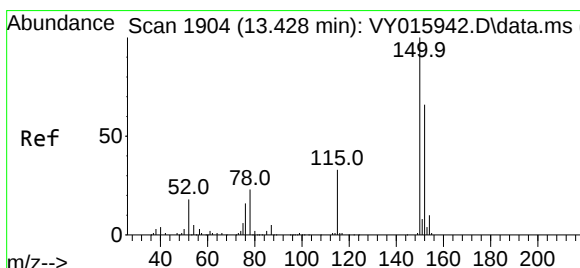
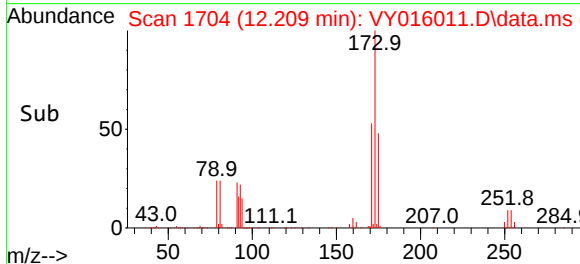
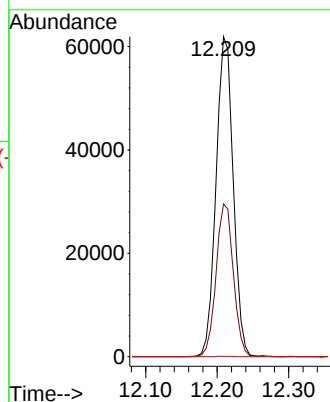
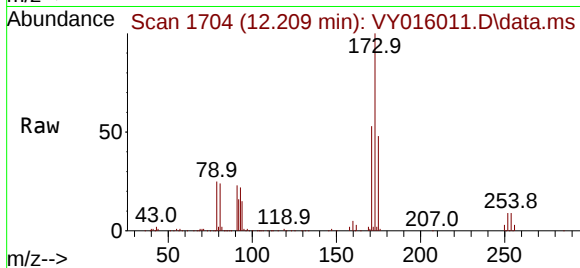
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.6	73.8
254	0.1	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

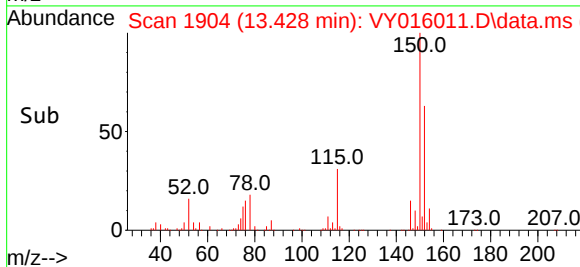
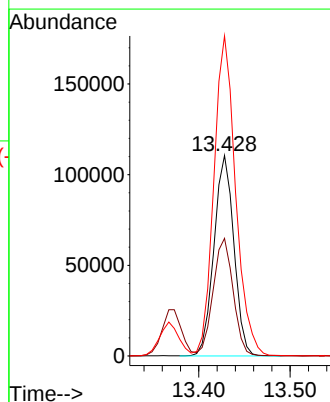
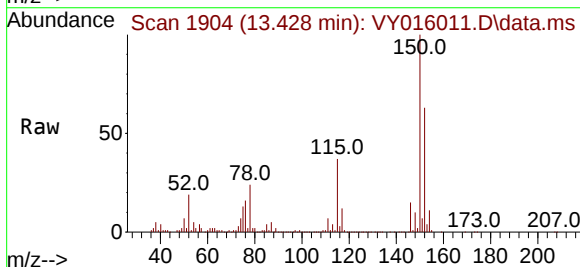
Delta R.T. -0.000 min

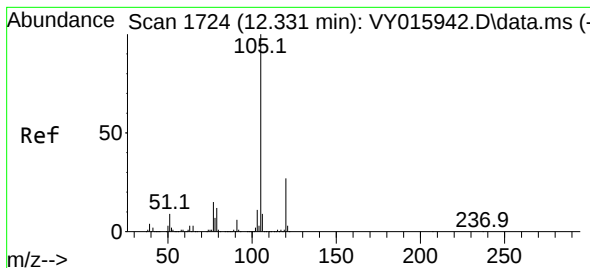
Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion:152 Resp: 167771

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.8	86.5
150	173.8	0.0	348.8





#73

Isopropylbenzene

Concen: 46.996 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 558158

Ion Ratio Lower Upper

105 100

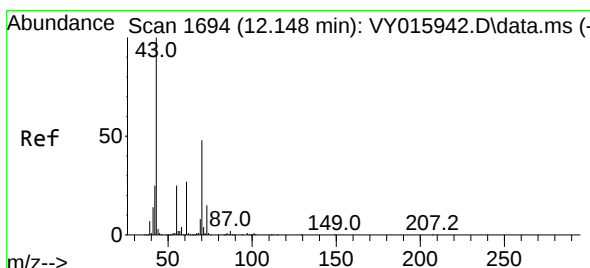
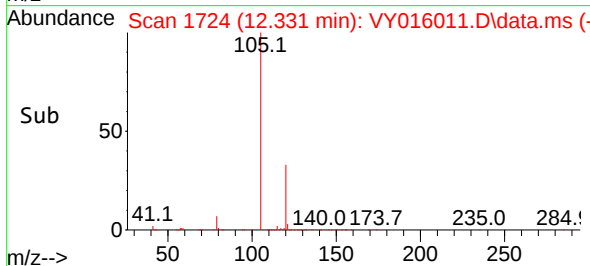
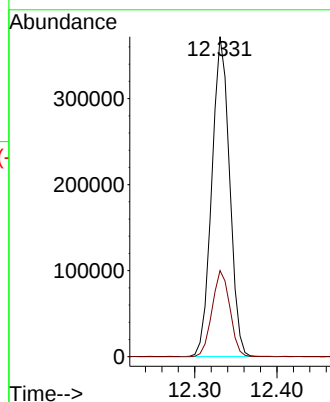
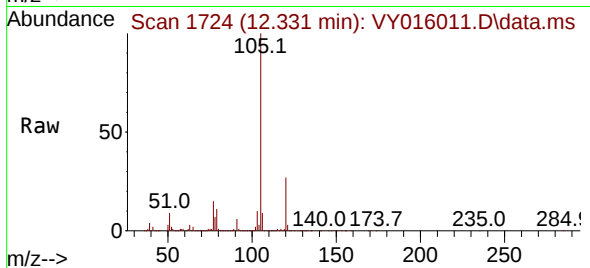
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#74

N-ethyl acetate

Concen: 48.135 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion: 43 Resp: 230958

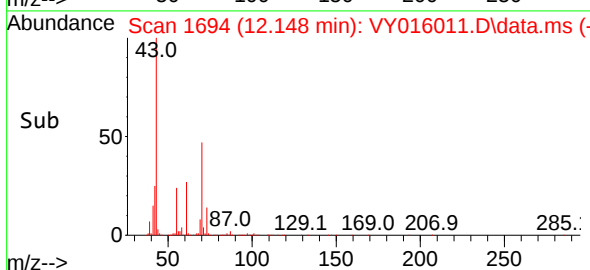
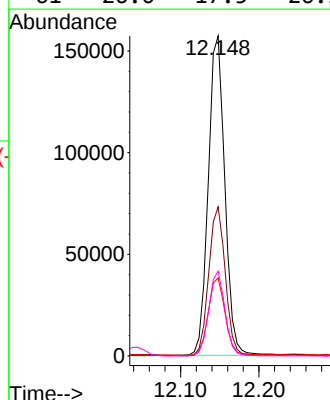
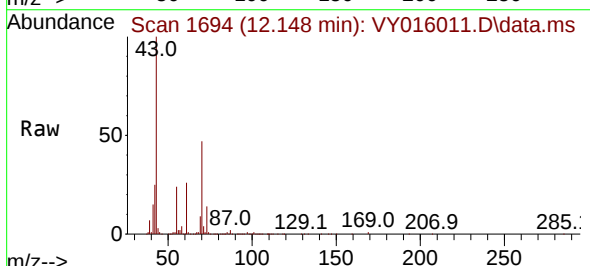
Ion Ratio Lower Upper

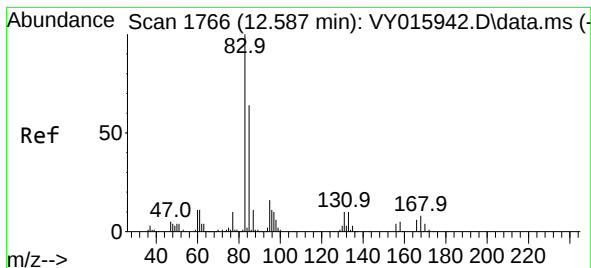
43 100

70 46.4 29.7 44.5

55 24.9 18.3 27.5

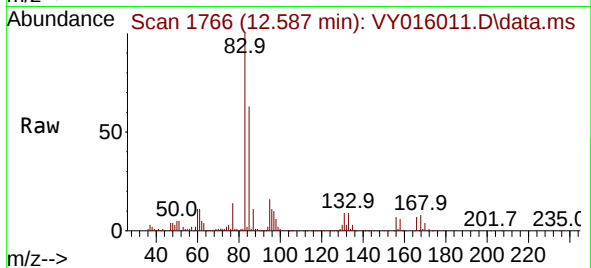
61 26.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.444 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

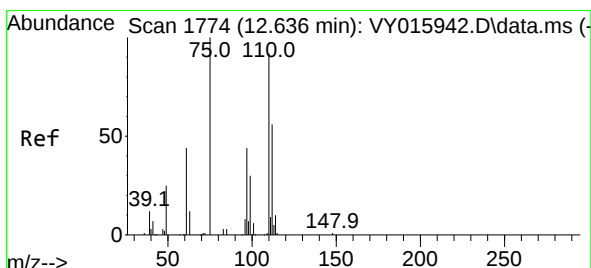
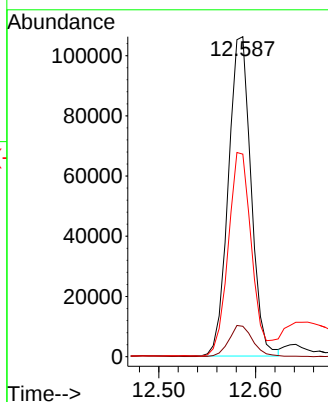
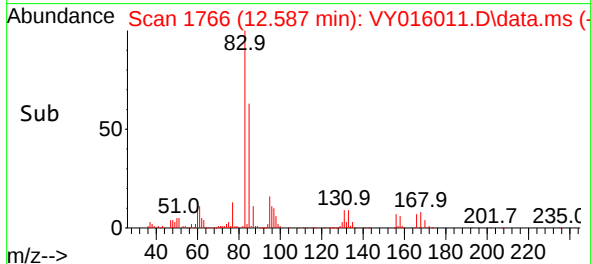
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



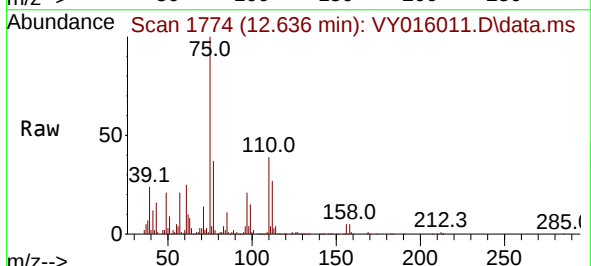
Tgt Ion: 83 Resp: 17307
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 66.0 31.8 95.4

Manual Integrations
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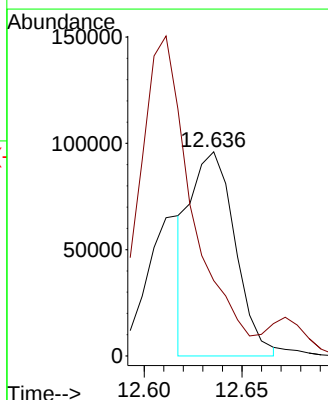
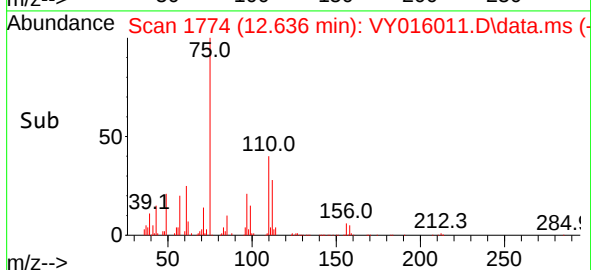
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

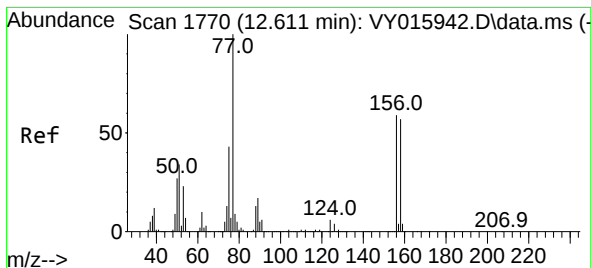


#76
1,2,3-Trichloropropane
Concen: 46.357 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



Tgt Ion: 75 Resp: 152204
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.399 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

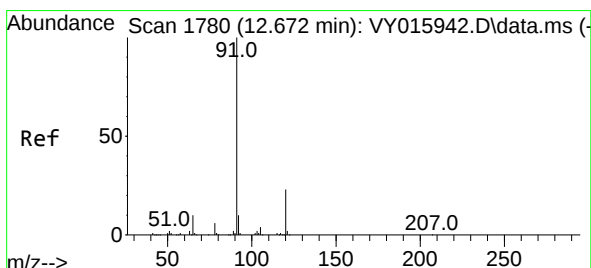
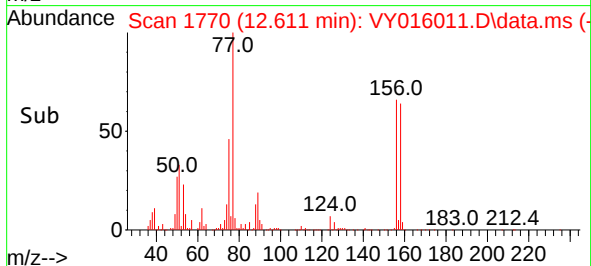
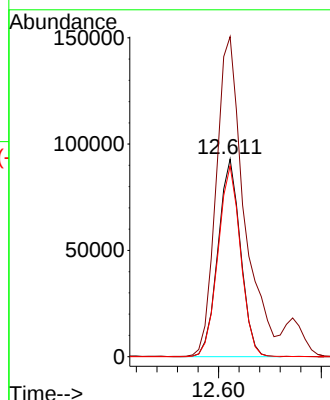
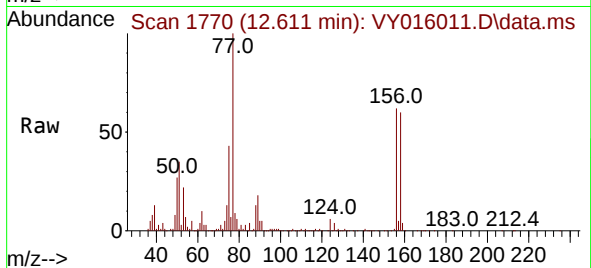
Tgt Ion:156 Resp: 14132
 Ion Ratio Lower Upper
 156 100
 77 199.9 92.8 278.6
 158 96.7 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#78

n-propylbenzene

Concen: 47.356 ug/l

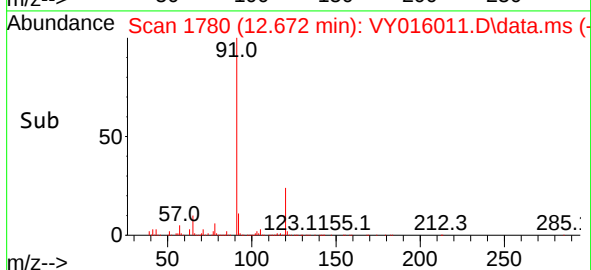
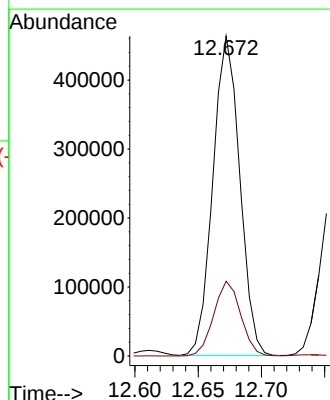
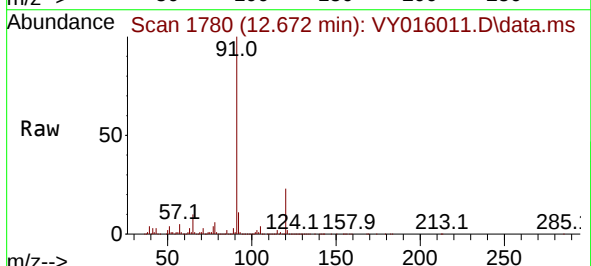
RT: 12.672 min Scan# 1780

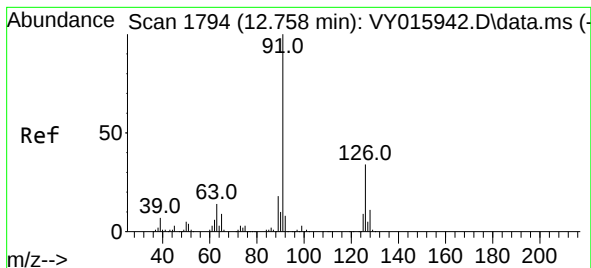
Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion: 91 Resp: 683937
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.5 34.4





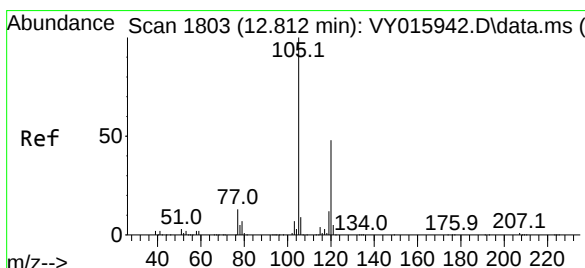
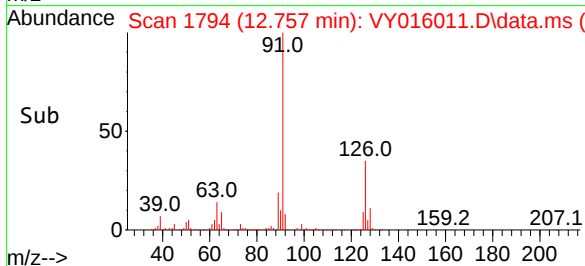
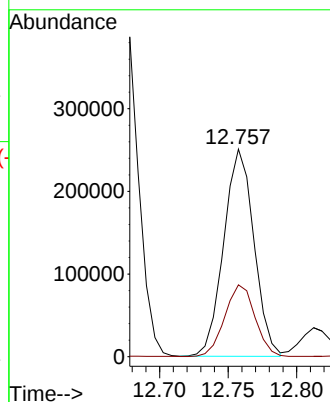
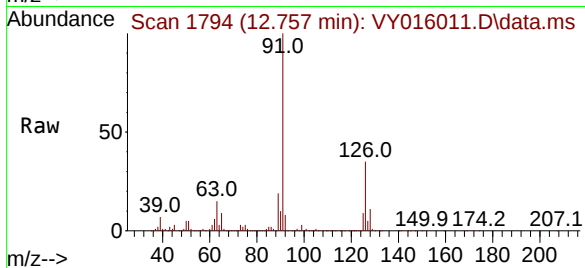
#79
2-Chlorotoluene
Concen: 47.115 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 384870
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

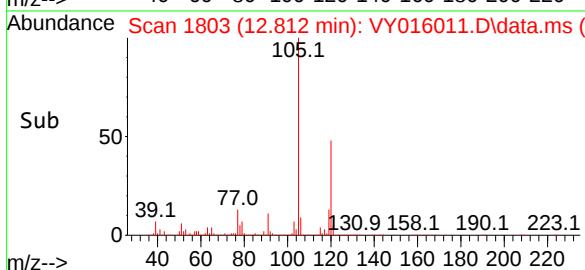
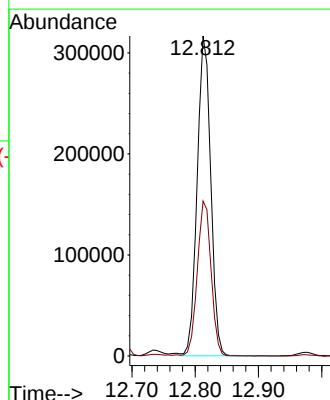
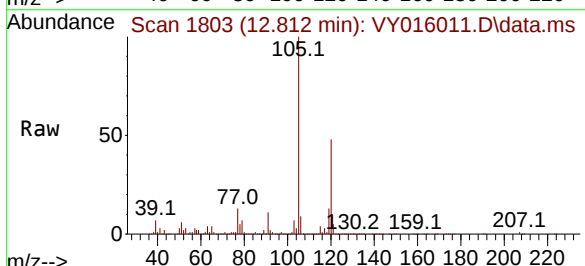
Manual Integrations
APPROVED

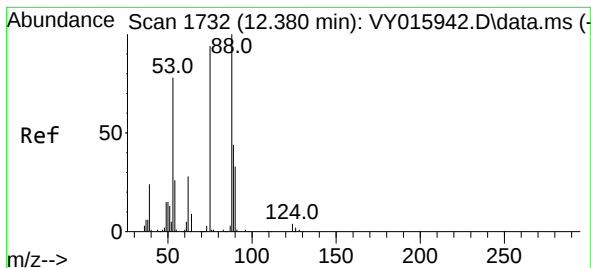
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.833 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:105 Resp: 471970
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





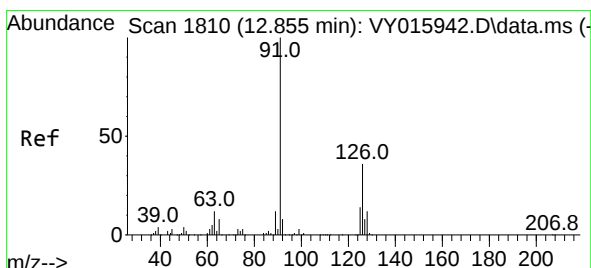
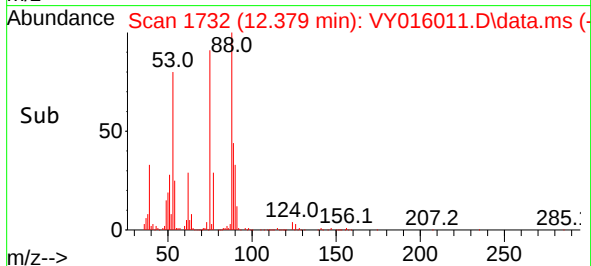
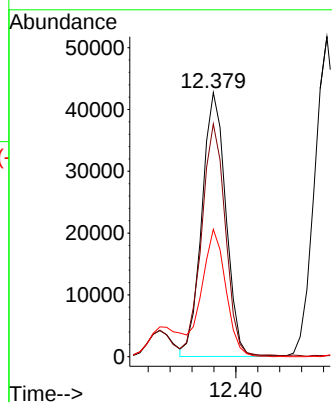
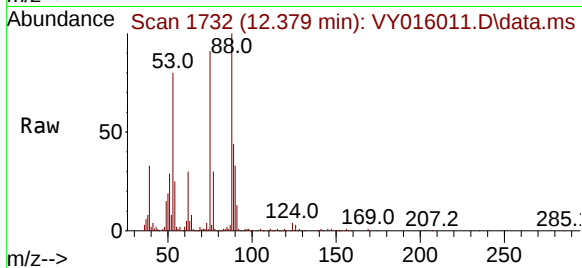
#81
trans-1,4-Dichloro-2-butene
Concen: 46.463 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 64759
Ion Ratio Lower Upper
75 100
53 87.0 77.8 116.8
89 48.0 37.4 56.0

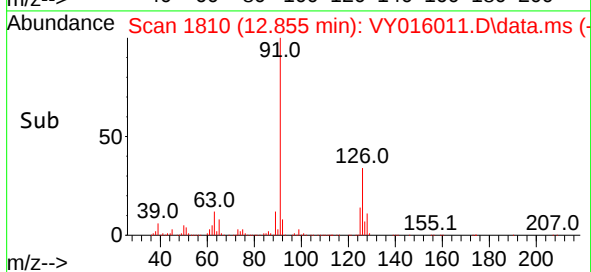
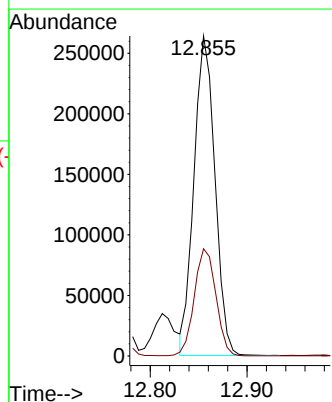
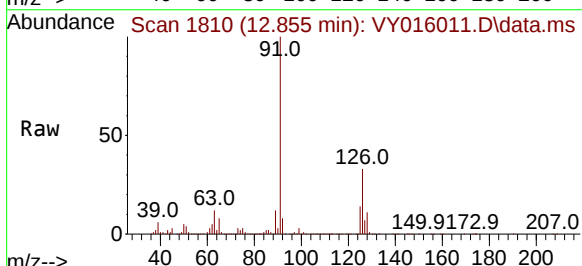
Manual Integrations
APPROVED

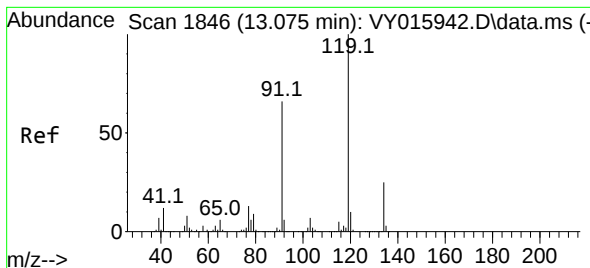
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#82
4-Chlorotoluene
Concen: 47.350 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

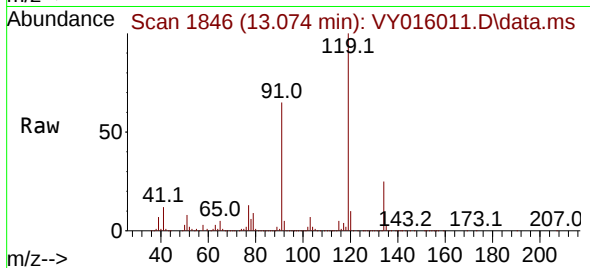
Tgt Ion: 91 Resp: 397530
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 46.361 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

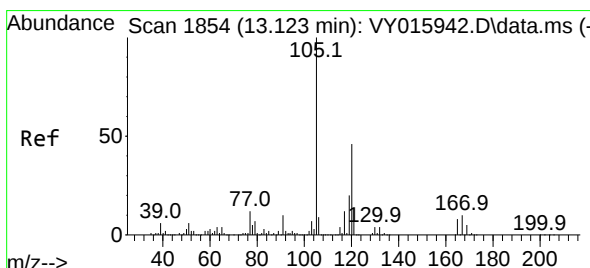
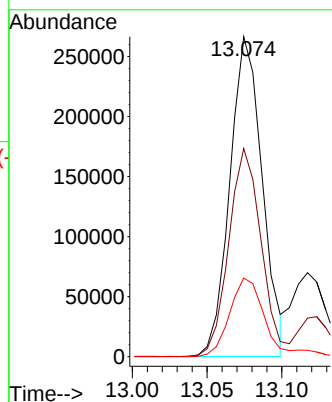
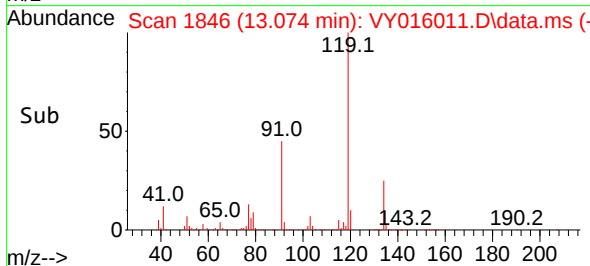
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



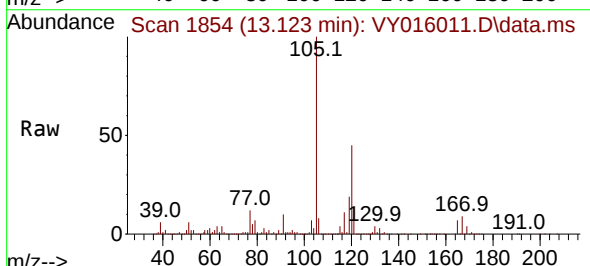
Tgt Ion:119 Resp: 401968
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.6
134 27.1 13.0 38.9

Manual Integrations
APPROVED

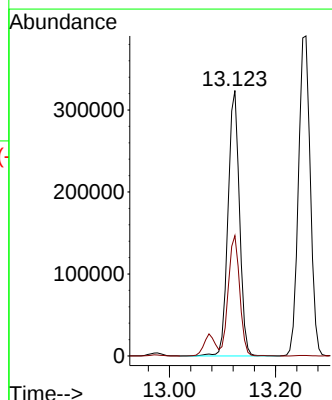
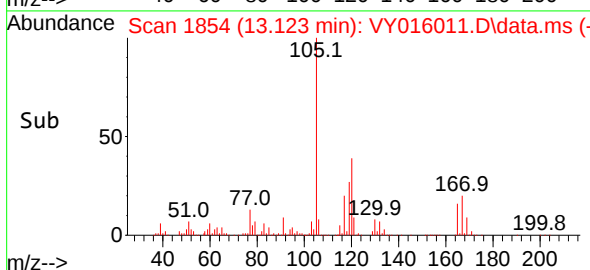
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

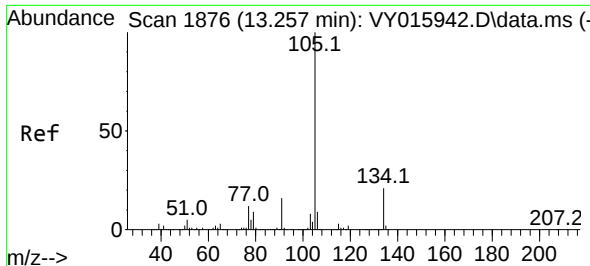


#84
1,2,4-Trimethylbenzene
Concen: 48.936 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



Tgt Ion:105 Resp: 484692
Ion Ratio Lower Upper
105 100
120 45.1 22.2 66.6





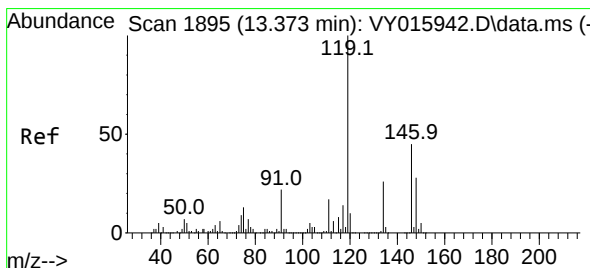
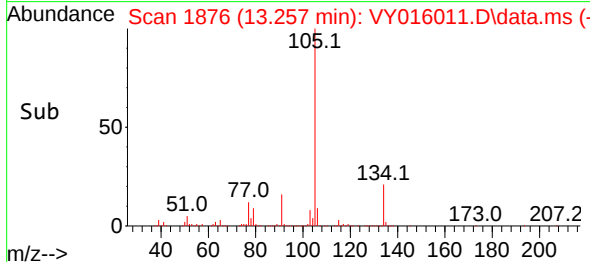
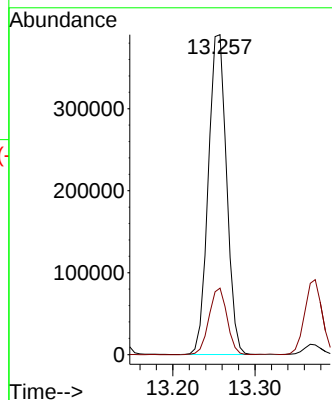
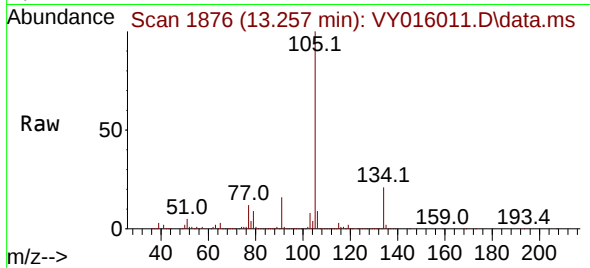
#85
 sec-Butylbenzene
 Concen: 46.757 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016011.D
 Acq: 17 Oct 2023 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 601662
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

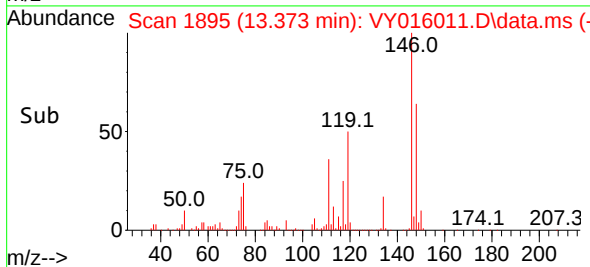
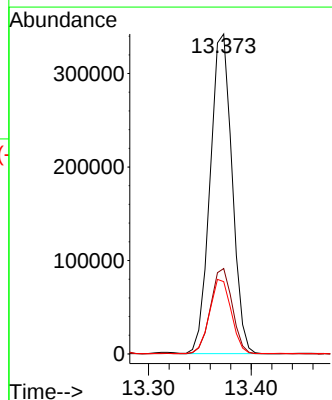
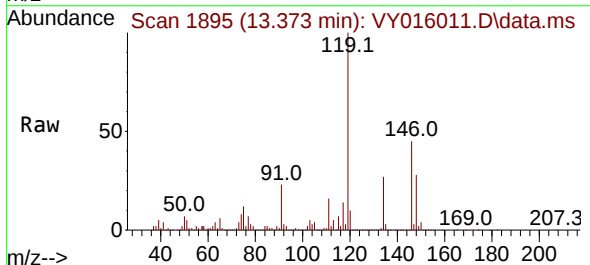
Manual Integrations
 APPROVED

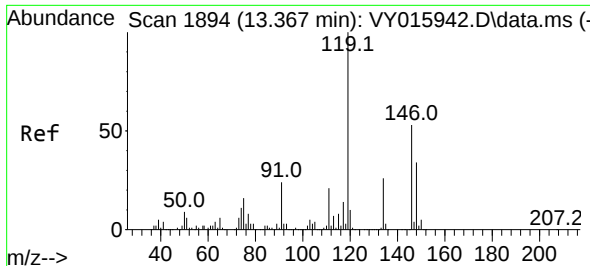
Reviewed By :John Carlone 10/18/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023



#86
 p-Isopropyltoluene
 Concen: 47.043 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016011.D
 Acq: 17 Oct 2023 17:55

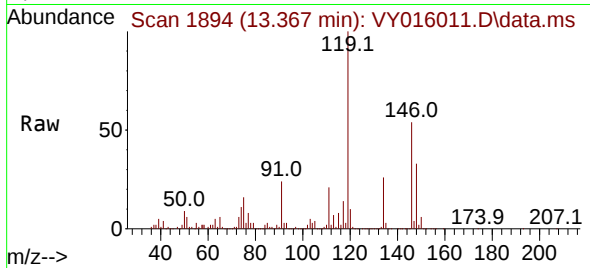
Tgt Ion:119 Resp: 505853
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.0 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 47.542 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

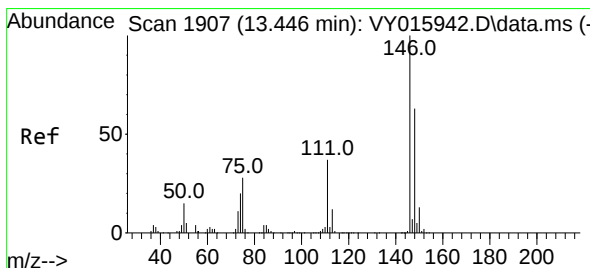
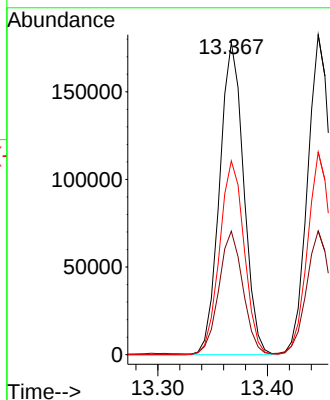
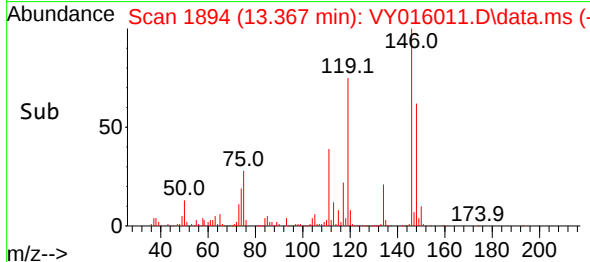
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



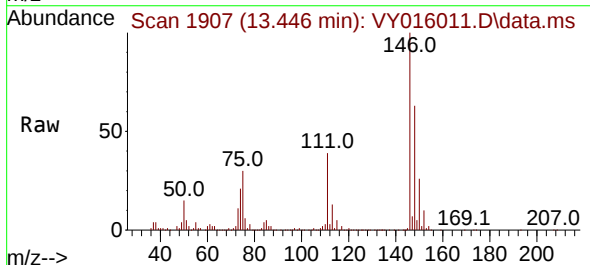
Tgt Ion:146 Resp: 27221
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.2 31.9 95.5

Manual Integrations
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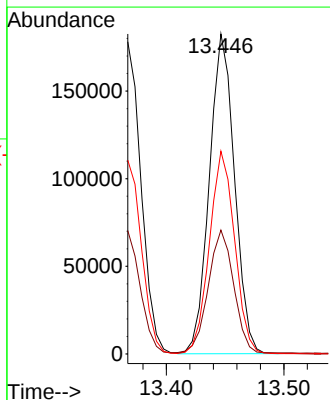
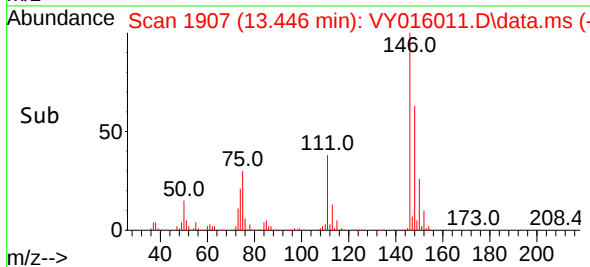
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

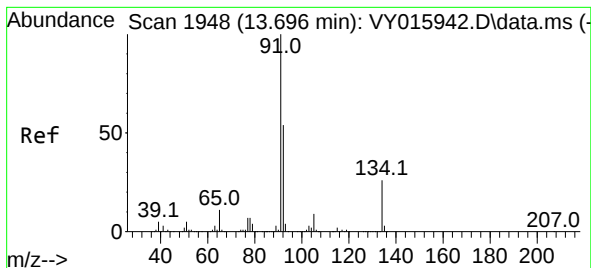


#88
1,4-Dichlorobenzene
Concen: 47.021 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55



Tgt Ion:146 Resp: 271873
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 63.9 32.1 96.5





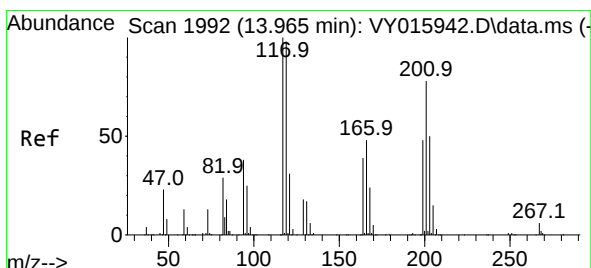
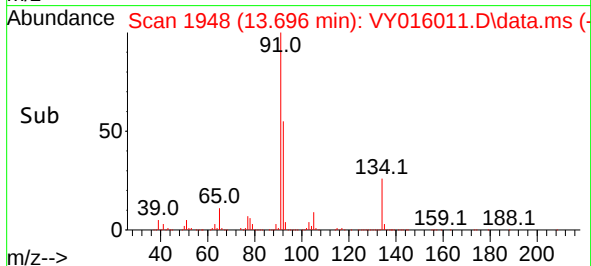
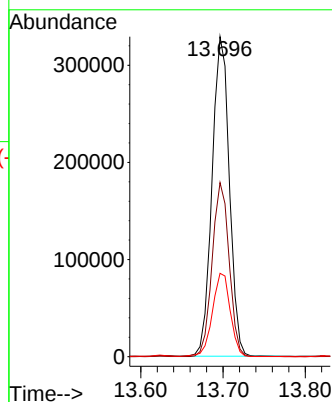
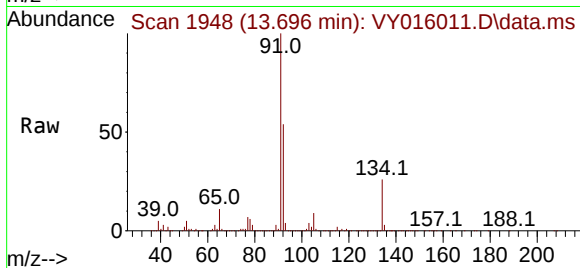
#89
n-Butylbenzene
Concen: 47.595 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48126
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 27.0 12.6 37.6

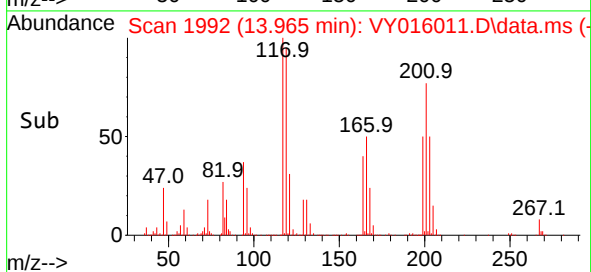
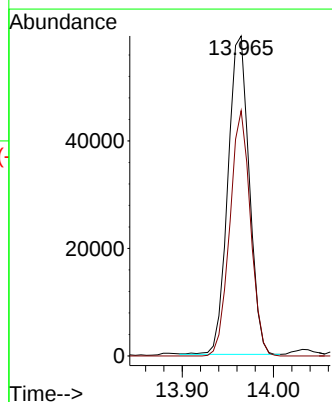
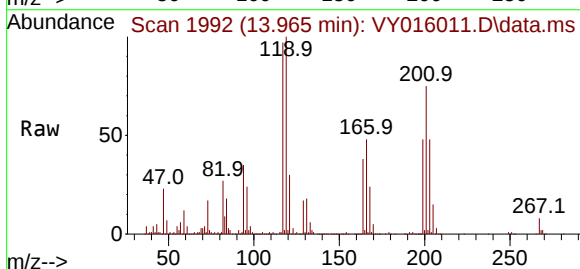
Manual Integrations
APPROVED

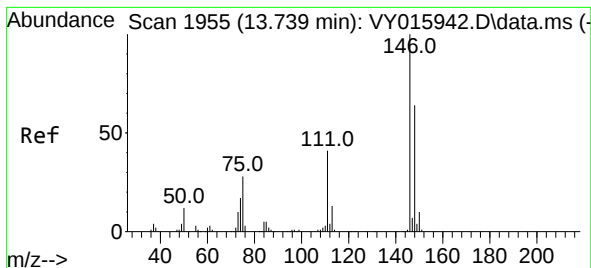
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#90
Hexachloroethane
Concen: 46.536 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion:117 Resp: 95907
Ion Ratio Lower Upper
117 100
201 74.8 41.6 124.8





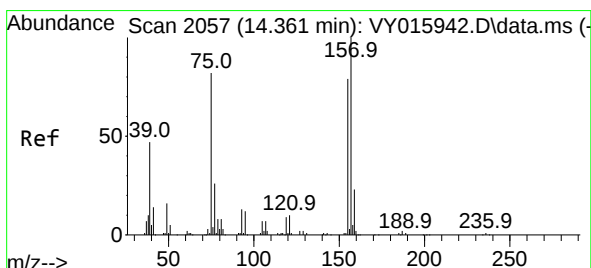
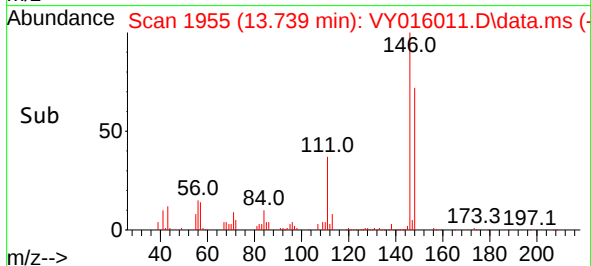
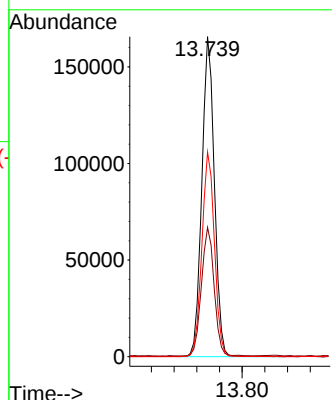
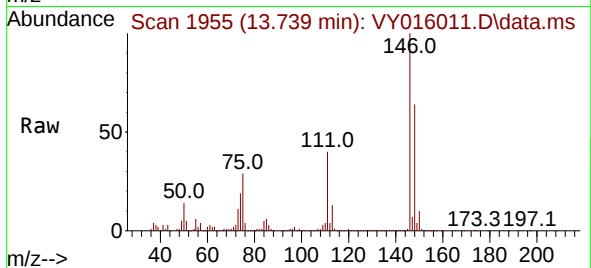
#91
1,2-Dichlorobenzene
Concen: 47.278 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 25398
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 64.1 32.0 96.2

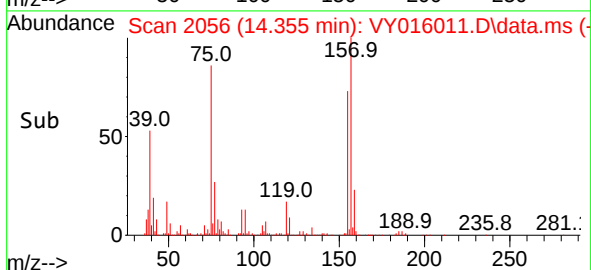
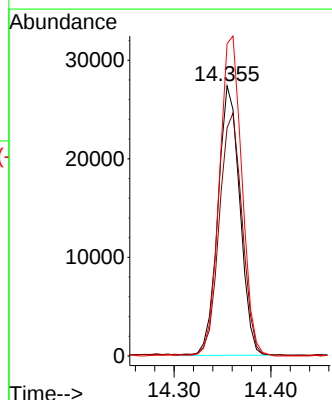
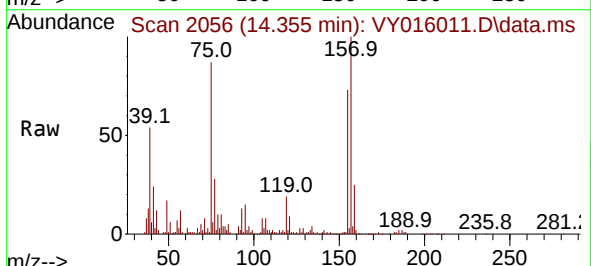
Manual Integrations
APPROVED

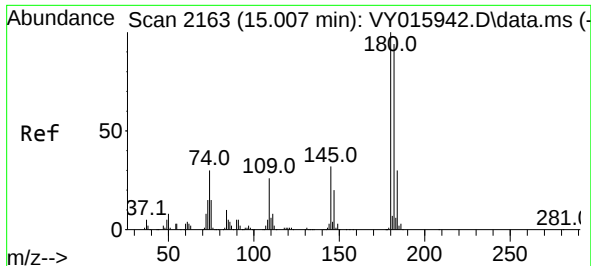
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.182 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY016011.D
Acq: 17 Oct 2023 17:55

Tgt Ion: 75 Resp: 42976
Ion Ratio Lower Upper
75 100
155 93.7 41.5 124.6
157 121.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.534 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016011.D

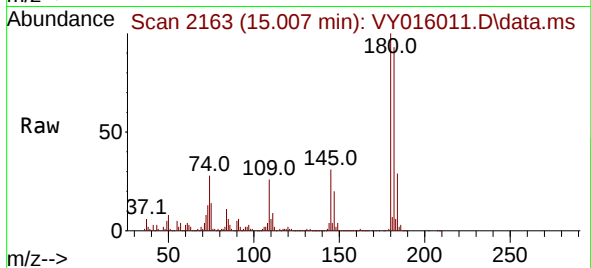
Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



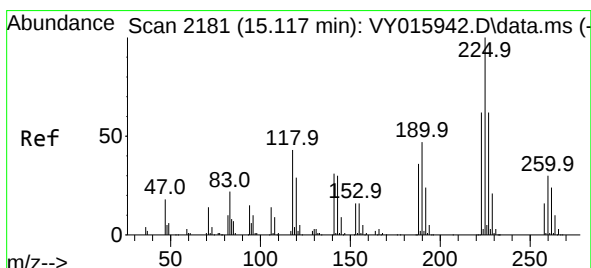
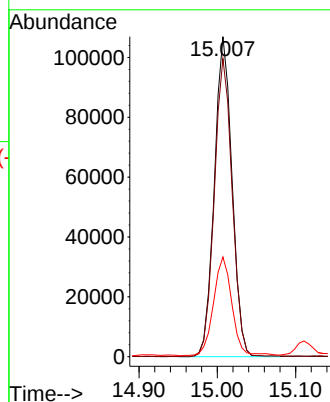
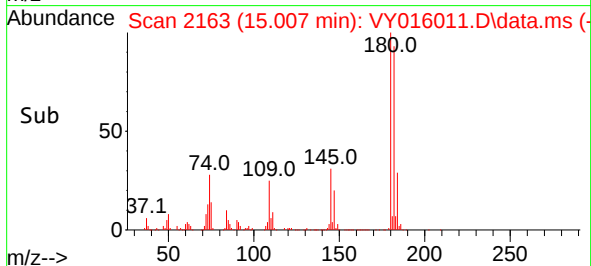
Tgt Ion:180	Resp:	16784
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.2
145	32.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#94

Hexachlorobutadiene

Concen: 43.790 ug/l

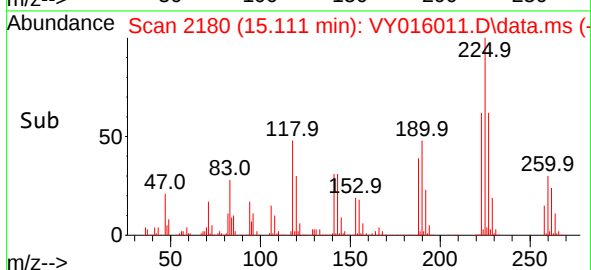
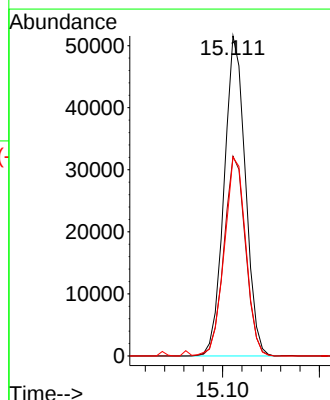
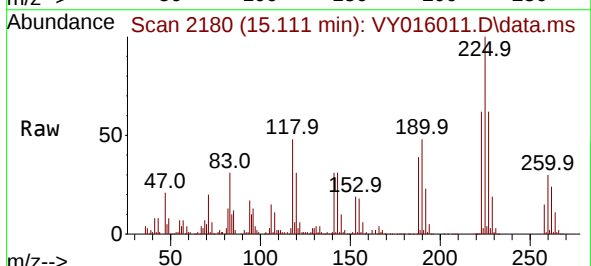
RT: 15.111 min Scan# 2180

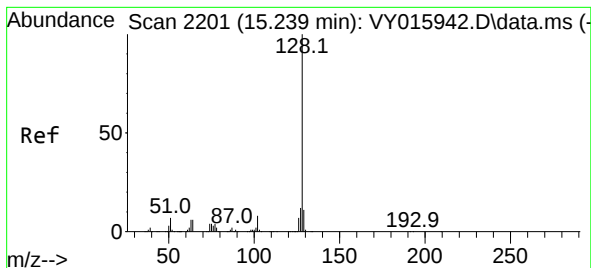
Delta R.T. -0.006 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion:225	Resp:	78508
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.9 95.9
227	63.1	33.0 98.9





#95

Naphthalene

Concen: 47.670 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

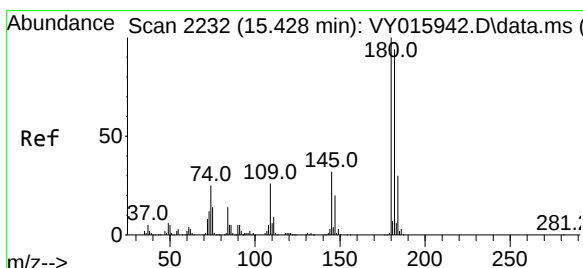
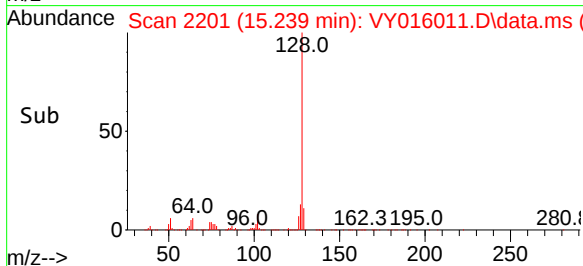
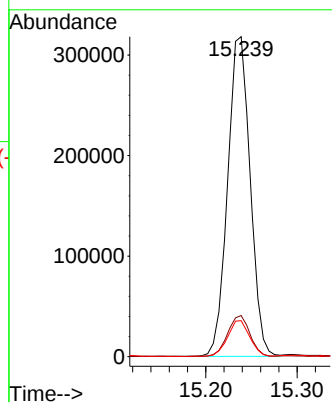
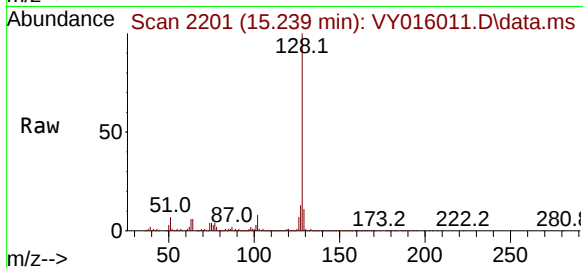
Tgt Ion:128 Resp: 546064
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.8 16.2
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.614 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY016011.D

Acq: 17 Oct 2023 17:55

Tgt Ion:180 Resp: 157798
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.8
 145 36.9 15.4 46.2

