

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016336.D
 Acq On : 14 Nov 2023 09:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 19:00:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	171513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	271539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	234862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	73779	47.066	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.140%		
35) Dibromofluoromethane	7.734	113	78307	50.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.540%		
50) Toluene-d8	10.191	98	301100	48.136	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.495	95	97975	48.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	75814	45.143	ug/l	100
3) Chloromethane	2.119	50	87576	44.526	ug/l	99
4) Vinyl Chloride	2.259	62	94573	44.716	ug/l	97
5) Bromomethane	2.662	94	60211	43.320	ug/l	96
6) Chloroethane	2.808	64	61559	45.615	ug/l	96
7) Trichlorofluoromethane	3.137	101	148115	48.136	ug/l	99
8) Diethyl Ether	3.540	74	46057	50.082	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.918	101	89384	48.230	ug/l	94
10) Methyl Iodide	4.107	142	97974	48.948	ug/l	98
11) Tert butyl alcohol	4.991	59	26262	213.943	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	82720	47.727	ug/l	89
13) Acrolein	3.747	56	30089	203.220	ug/l	98
14) Allyl chloride	4.497	41	117817	47.902	ug/l #	93
15) Acrylonitrile	5.186	53	92191	252.608	ug/l	98
16) Acetone	3.966	43	68682	264.881	ug/l #	89
17) Carbon Disulfide	4.216	76	240183	45.929	ug/l	99
18) Methyl Acetate	4.491	43	72744	52.797	ug/l	91
19) Methyl tert-butyl Ether	5.241	73	211083	50.319	ug/l	97
20) Methylene Chloride	4.735	84	88092	47.949	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	94414	47.312	ug/l	92
22) Diisopropyl ether	6.137	45	257415	48.564	ug/l	88
23) Vinyl Acetate	6.076	43	632688	246.338	ug/l #	92
24) 1,1-Dichloroethane	6.039	63	157299	48.103	ug/l	97
25) 2-Butanone	7.002	43	112696	248.138	ug/l	93
26) 2,2-Dichloropropane	7.002	77	146693	49.289	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	103755	48.245	ug/l	92
28) Bromochloromethane	7.350	49	60556	50.036	ug/l	88
29) Tetrahydrofuran	7.368	42	74926	249.596	ug/l	90
30) Chloroform	7.521	83	167042	49.076	ug/l	97
31) Cyclohexane	7.801	56	137760	44.637	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	153634	49.240	ug/l	96
36) 1,1-Dichloropropene	7.935	75	128317	47.907	ug/l	99
37) Ethyl Acetate	7.088	43	54243	50.122	ug/l	95
38) Carbon Tetrachloride	7.917	117	140755	50.634	ug/l	98
39) Methylcyclohexane	9.197	83	161544	48.403	ug/l	92
40) Benzene	8.179	78	369493	49.101	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	27780	50.910	ug/l	96
42) 1,2-Dichloroethane	8.252	62	97582	50.047	ug/l	92
43) Isopropyl Acetate	8.289	43	106098	50.718	ug/l #	91
44) Trichloroethene	8.953	130	106746	49.357	ug/l	99
45) 1,2-Dichloropropane	9.228	63	88961	49.225	ug/l	99
46) Dibromomethane	9.319	93	49985	51.039	ug/l	96
47) Bromodichloromethane	9.508	83	127520	50.648	ug/l	97
48) Methyl methacrylate	9.307	41	59954	51.857	ug/l	86
49) 1,4-Dioxane	9.319	88	10072	968.725	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	273890	258.917	ug/l	90
52) Toluene	10.258	92	234310	49.257	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	125107	51.257	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	146206	50.152	ug/l #	88
55) 1,1,2-Trichloroethane	10.660	97	69370	51.392	ug/l	96
56) Ethyl methacrylate	10.520	69	68212	53.533	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	117085	50.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	227061	262.803	ug/l	93
59) 2-Hexanone	10.843	43	194717	247.467	ug/l	88
60) Dibromochloromethane	10.996	129	87931	52.086	ug/l	99
61) 1,2-Dibromoethane	11.105	107	65789	51.158	ug/l	100
64) Tetrachloroethene	10.734	164	104942	49.763	ug/l	97
65) Chlorobenzene	11.532	112	248213	49.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	94168	50.881	ug/l	99
67) Ethyl Benzene	11.605	91	445593	49.412	ug/l	99
68) m/p-Xylenes	11.715	106	341250	99.768	ug/l	95
69) o-Xylene	12.044	106	158381	49.872	ug/l	97
70) Styrene	12.056	104	232857	51.207	ug/l	97
71) Bromoform	12.221	173	51569	53.699	ug/l #	99
73) Isopropylbenzene	12.343	105	436361	50.703	ug/l	99
74) N-amyl acetate	12.154	43	89636	51.852	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.593	83	72356	52.394	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	47764m	46.849	ug/l	
77) Bromobenzene	12.623	156	98245	50.508	ug/l	95
78) n-propylbenzene	12.684	91	509629	50.107	ug/l	99
79) 2-Chlorotoluene	12.770	91	280008	49.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	352597	50.815	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	25216	53.685	ug/l	91
82) 4-Chlorotoluene	12.867	91	286760	49.511	ug/l	98
83) tert-Butylbenzene	13.087	119	314434	51.447	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	346883	50.771	ug/l	98
85) sec-Butylbenzene	13.270	105	440967	50.503	ug/l	99
86) p-Isopropyltoluene	13.385	119	383873	51.057	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	187301	50.052	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	184756	50.518	ug/l	99
89) n-Butylbenzene	13.709	91	356434	51.335	ug/l	97
90) Hexachloroethane	13.977	117	72706	50.131	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	162679	50.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10726	48.817	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	93951	50.194	ug/l	98
94) Hexachlorobutadiene	15.123	225	53972	50.331	ug/l	98
95) Naphthalene	15.251	128	174919	52.251	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	78492	50.700	ug/l	99

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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

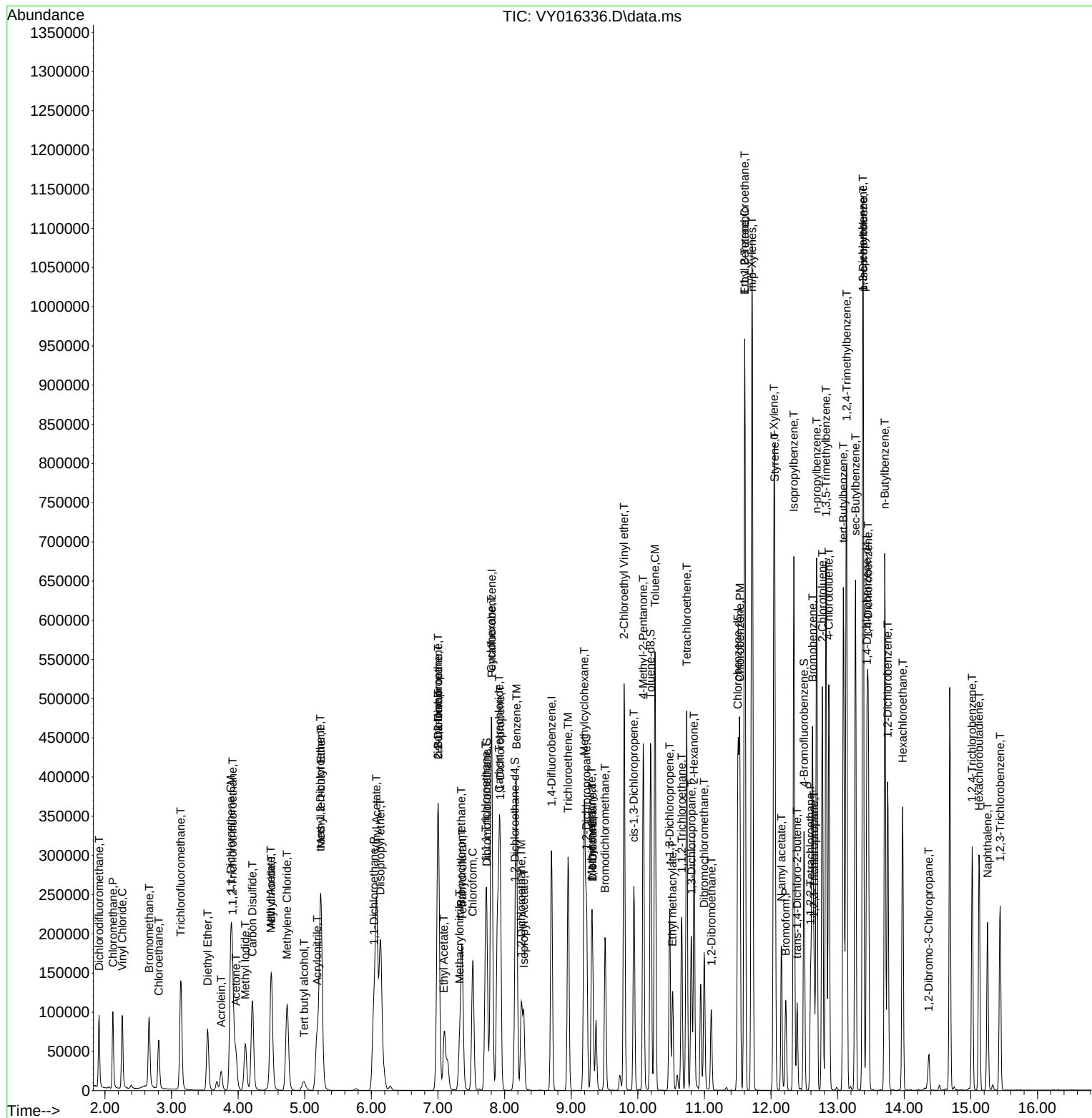
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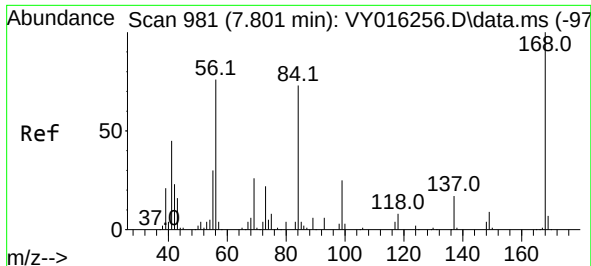
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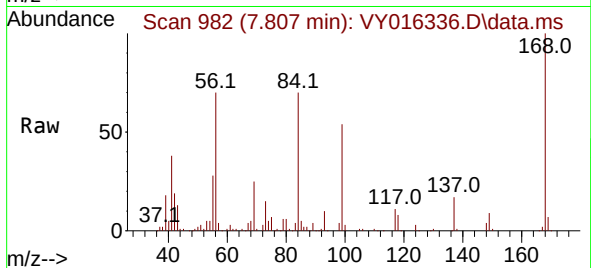
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016336.D
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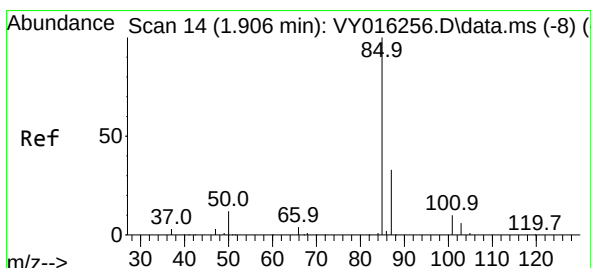
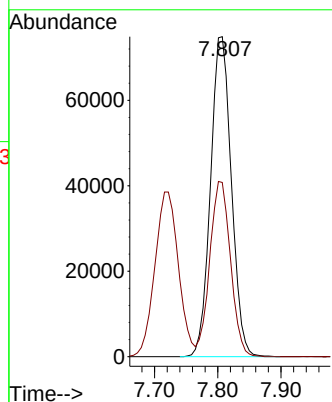
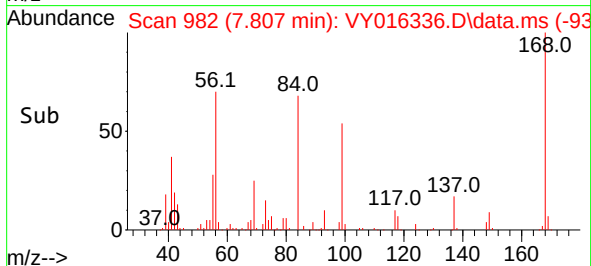
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17151
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0

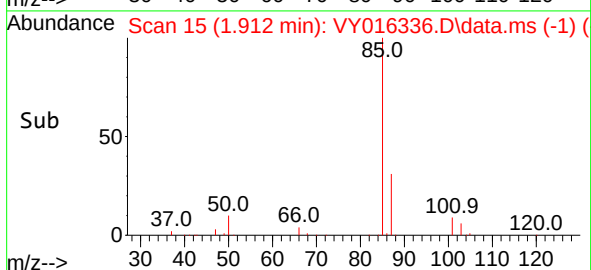
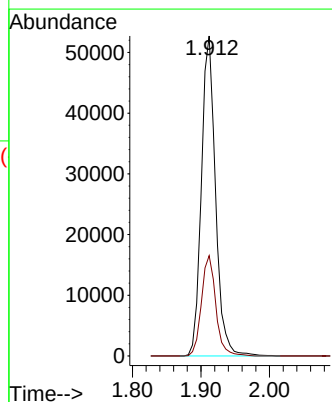
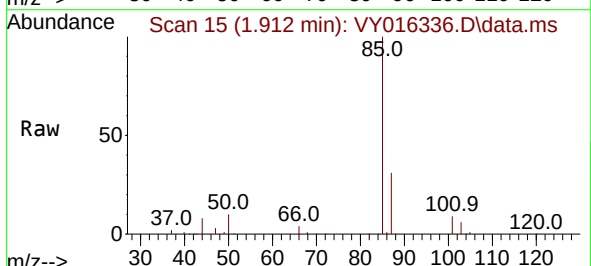
Manual Integrations
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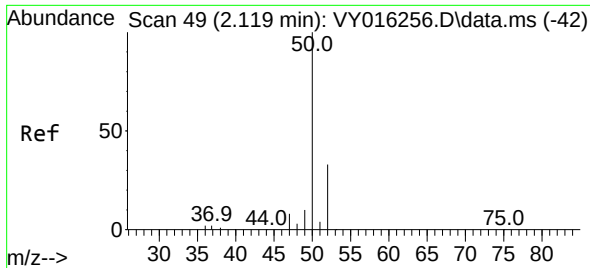
Reviewed By :Mahesh Dadoda 11/15/2023
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#2
Dichlorodifluoromethane
Concen: 45.143 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 85 Resp: 75814
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8





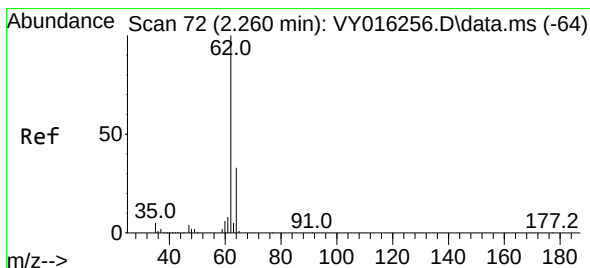
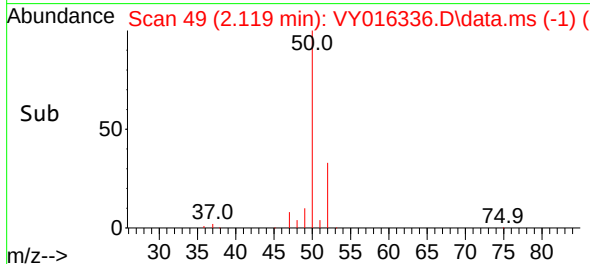
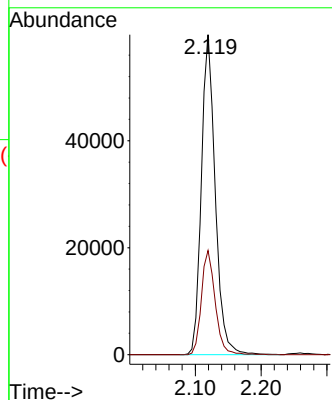
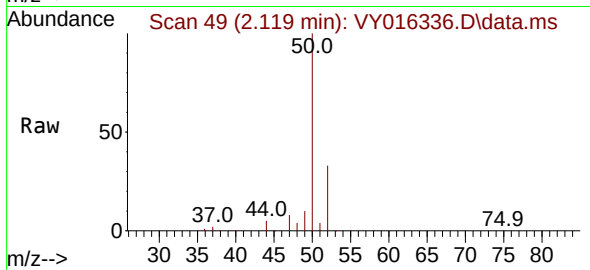
#3
Chloromethane
Concen: 44.526 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 87570
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

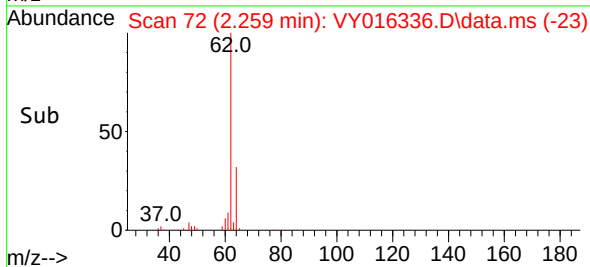
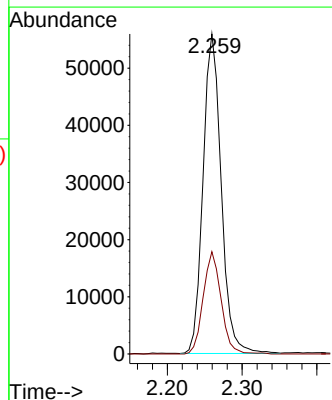
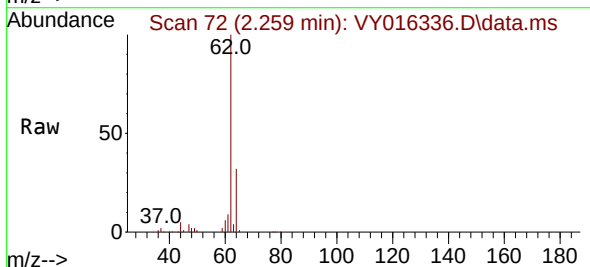
Manual Integrations
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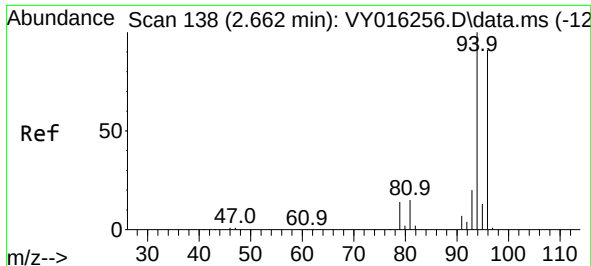
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4
Vinyl Chloride
Concen: 44.716 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

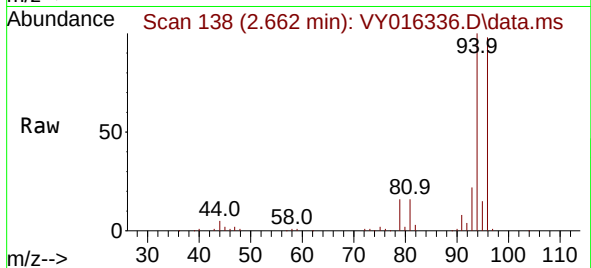
Tgt Ion: 62 Resp: 94573
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 43.320 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016336.D
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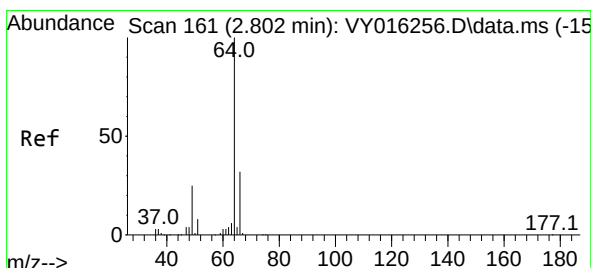
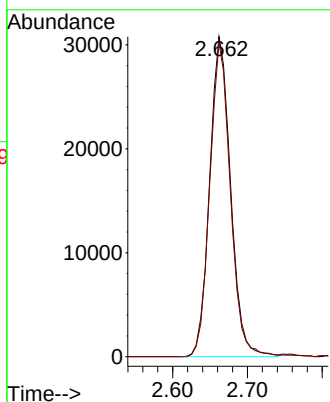
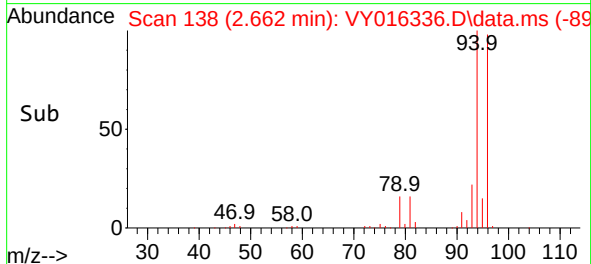
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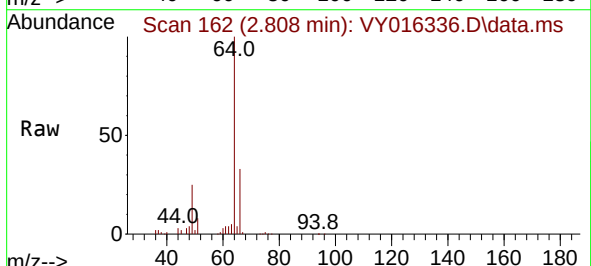
Tgt Ion: 94 Resp: 6021
Ion Ratio Lower Upper
94 100
96 98.1 75.8 113.6

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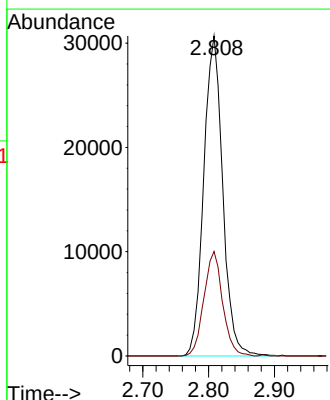
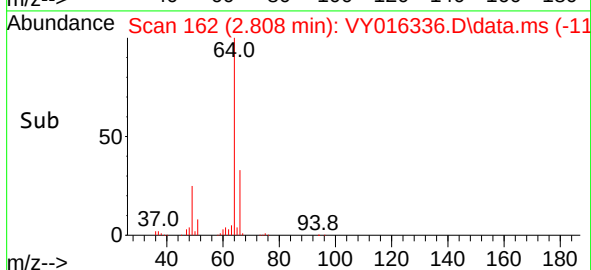
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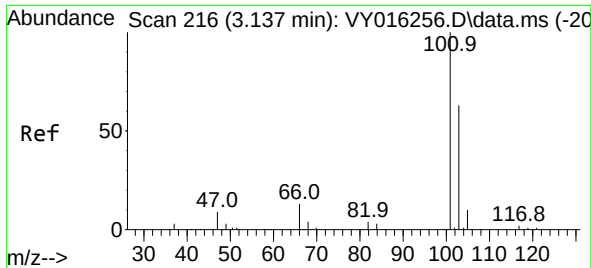


#6
Chloroethane
Concen: 45.615 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



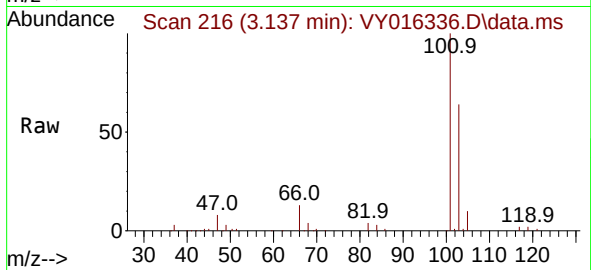
Tgt Ion: 64 Resp: 61559
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





#7
Trichlorofluoromethane
Concen: 48.136 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

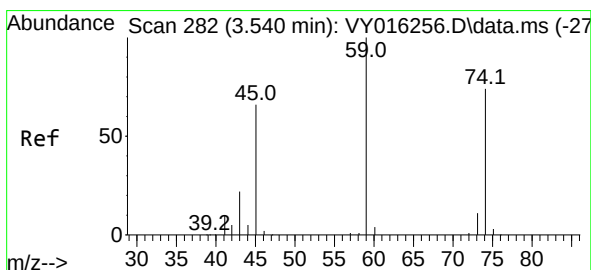
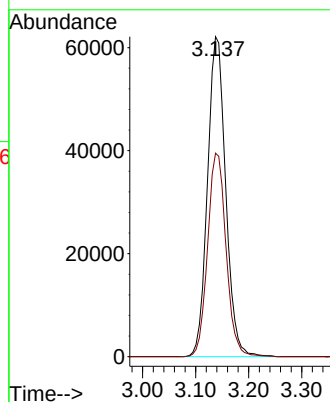
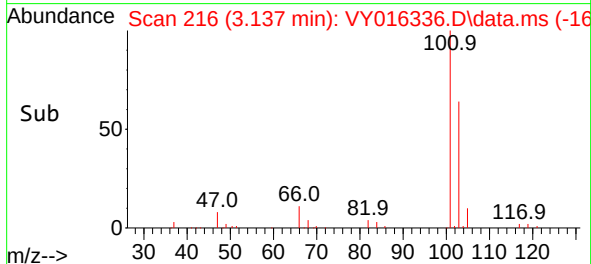
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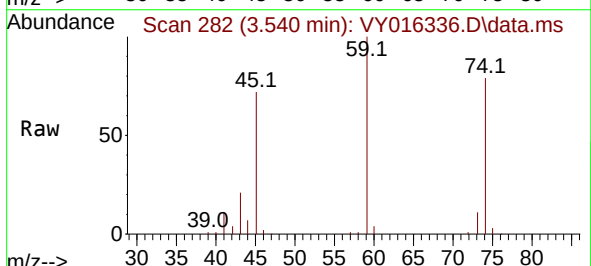
Tgt Ion:101 Resp: 148115
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

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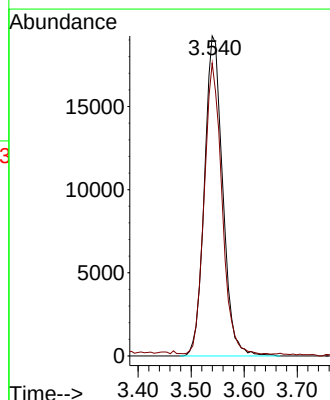
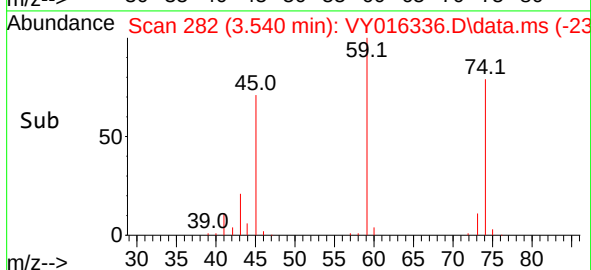
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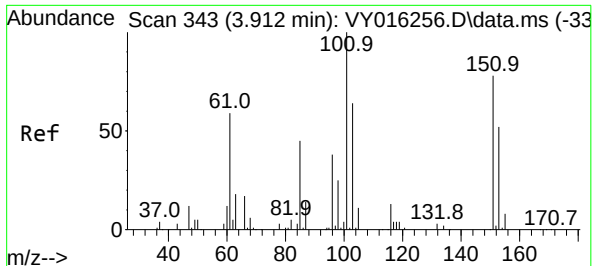


#8
Diethyl Ether
Concen: 50.082 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion: 74 Resp: 46057
Ion Ratio Lower Upper
74 100
45 88.3 51.5 154.5





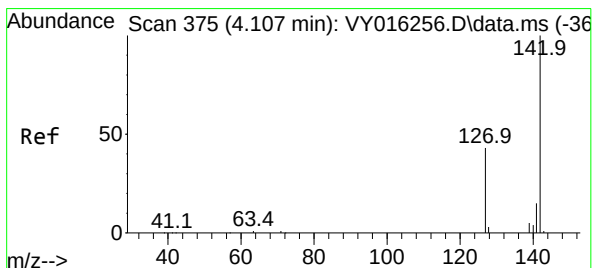
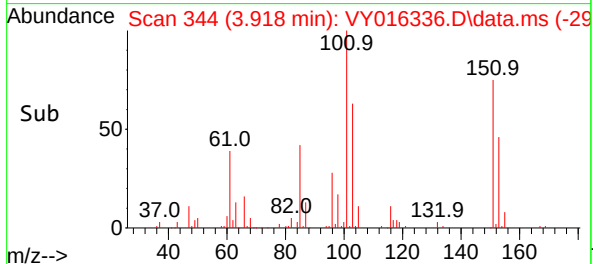
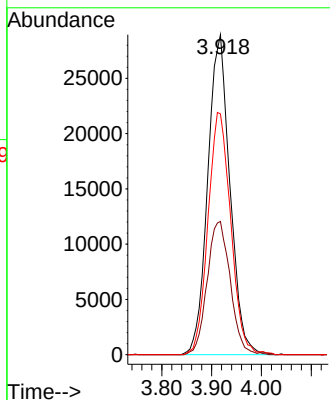
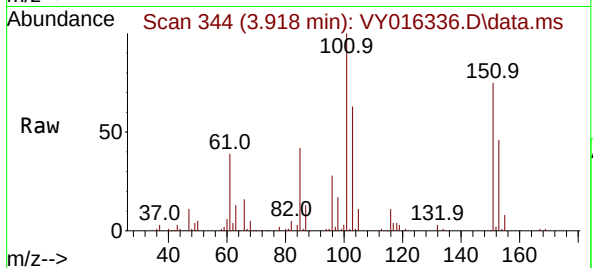
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.230 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 89384
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 77.8 67.0 100.6

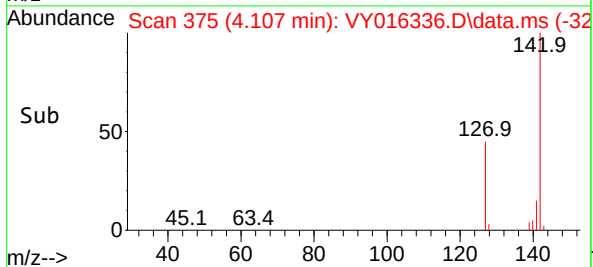
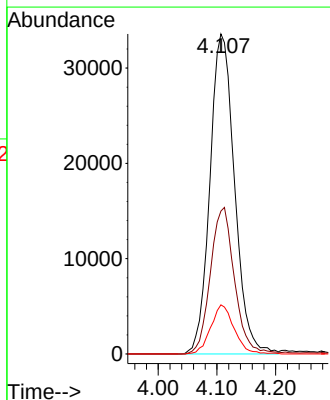
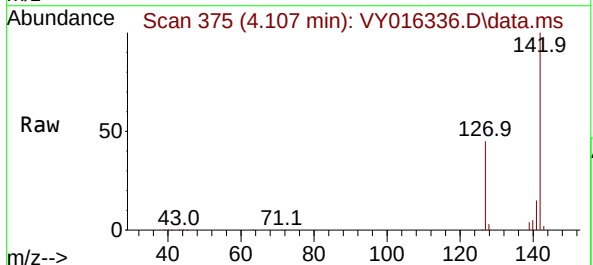
Manual Integrations
APPROVED

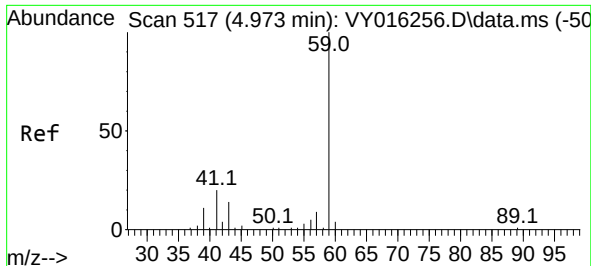
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Methyl Iodide
Concen: 48.948 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion:142 Resp: 97974
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.6 11.8 17.8





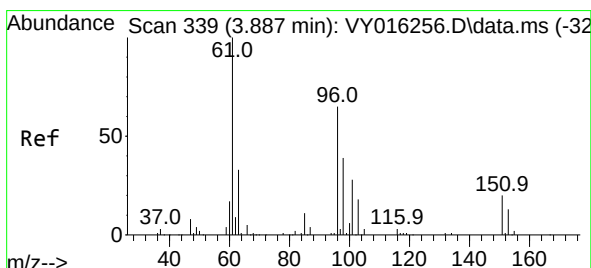
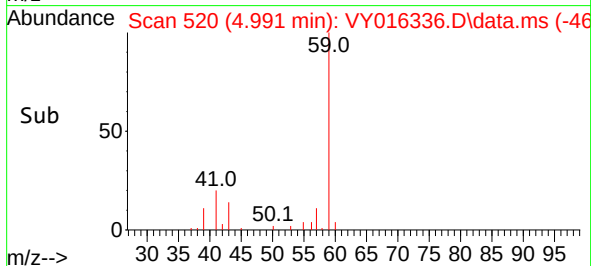
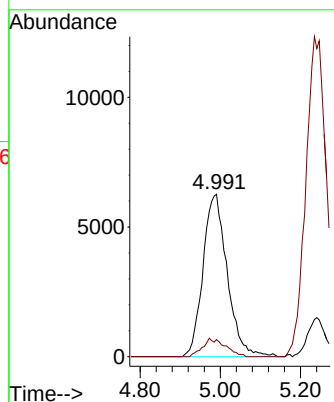
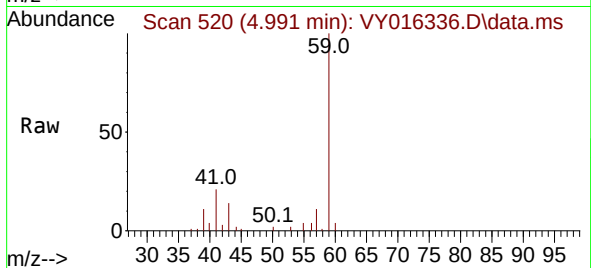
#11
Tert butyl alcohol
Concen: 213.943 ug/l
RT: 4.991 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 2626
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.4

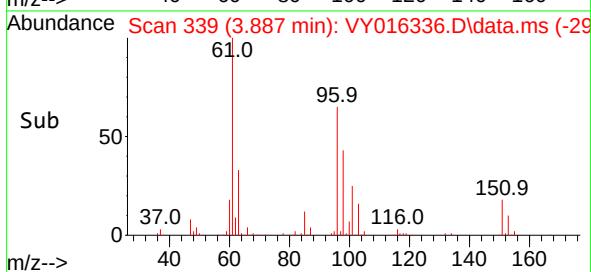
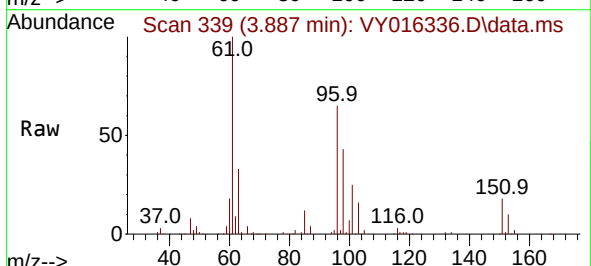
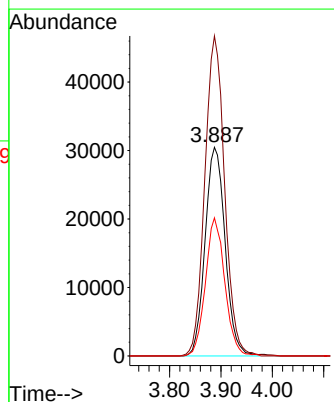
Manual Integrations
APPROVED

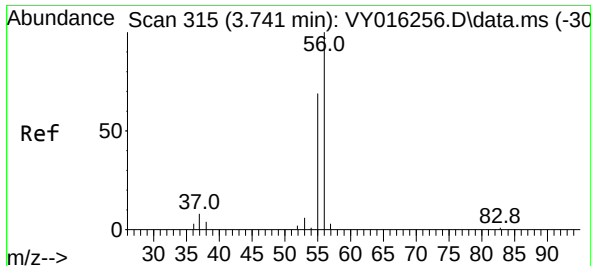
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#12
1,1-Dichloroethene
Concen: 47.727 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 96 Resp: 82720
Ion Ratio Lower Upper
96 100
61 153.3 136.4 204.6
98 66.2 49.4 74.2





#13

Acrolein

Concen: 203.220 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 30089

Ion Ratio Lower Upper

56 100

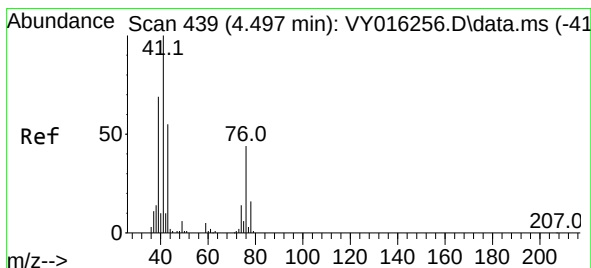
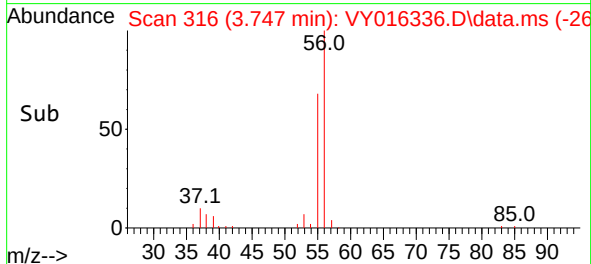
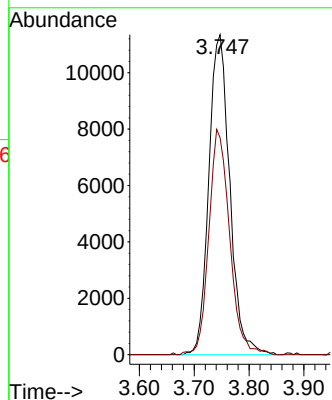
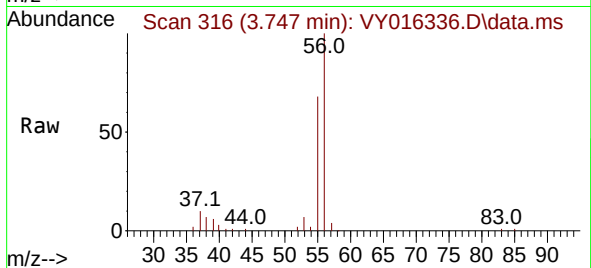
55 69.9 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#14

Allyl chloride

Concen: 47.902 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

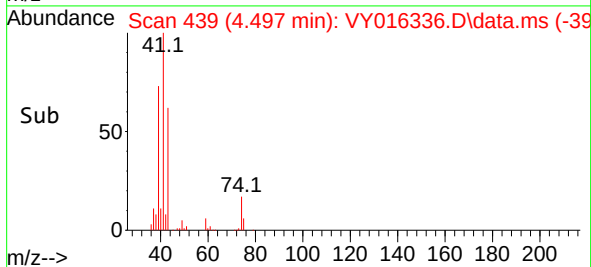
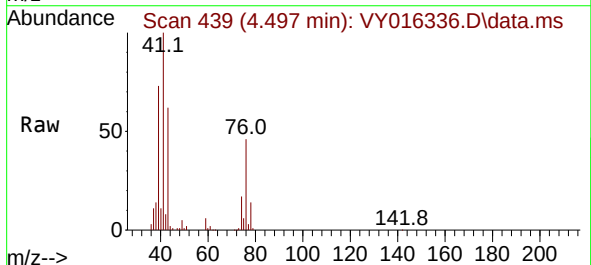
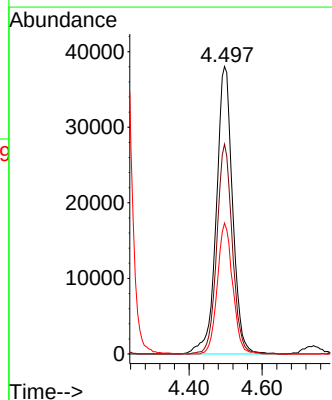
Tgt Ion: 41 Resp: 117817

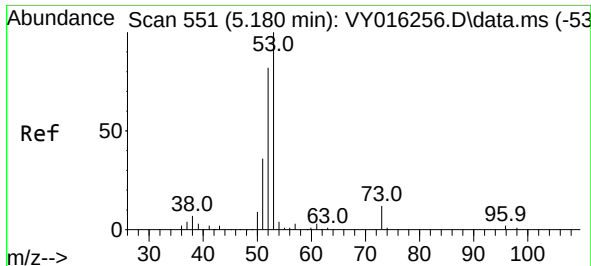
Ion Ratio Lower Upper

41 100

39 69.5 58.0 87.0

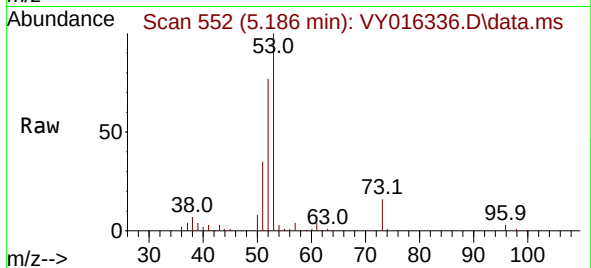
76 42.8 27.4 41.2#





#15
Acrylonitrile
Concen: 252.608 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

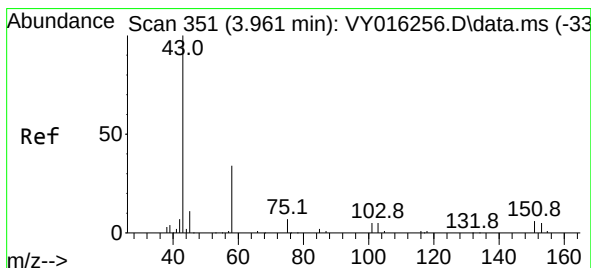
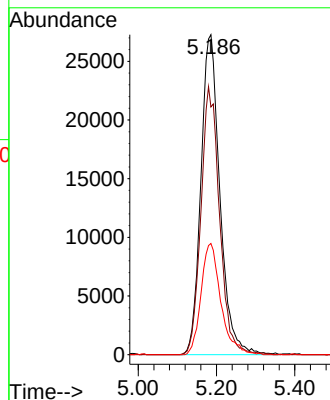
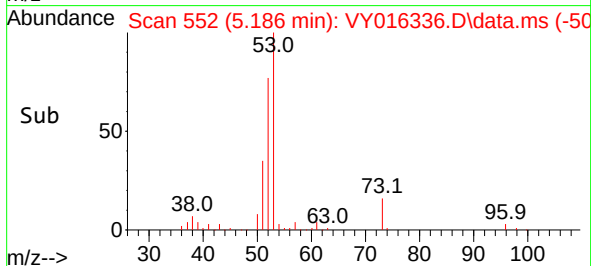
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 9219
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.2 29.8 44.6

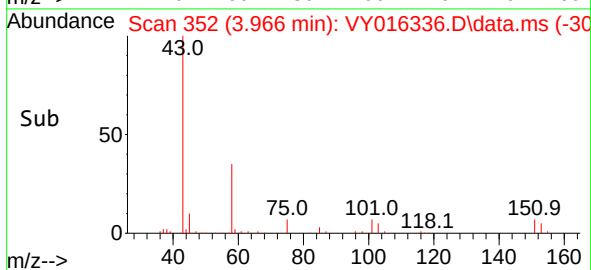
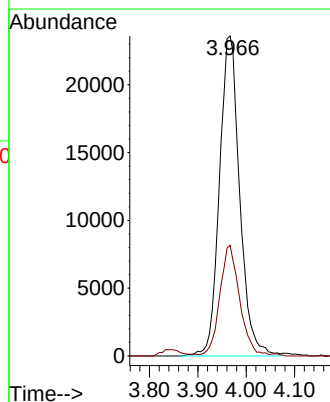
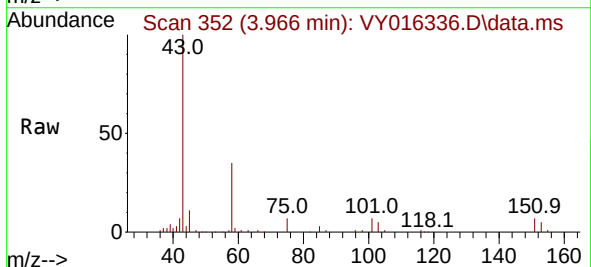
Manual Integrations
APPROVED

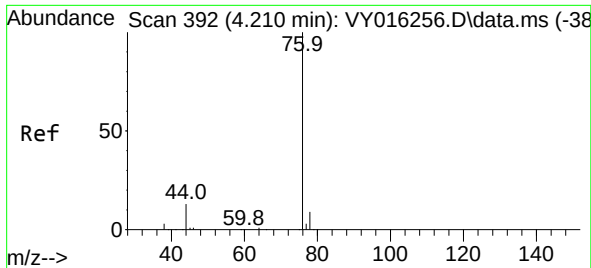
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#16
Acetone
Concen: 264.881 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 43 Resp: 68682
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





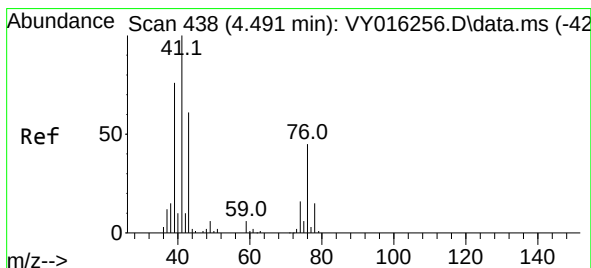
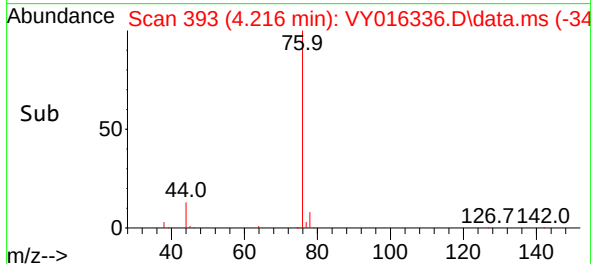
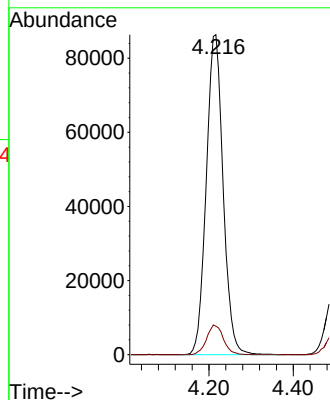
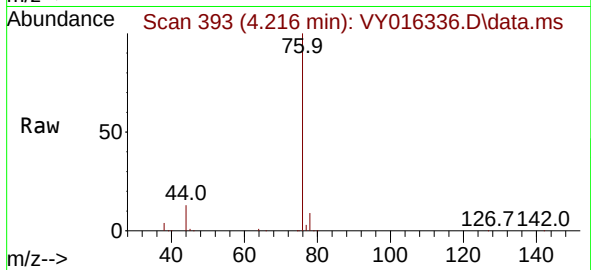
#17
Carbon Disulfide
Concen: 45.929 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24018
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

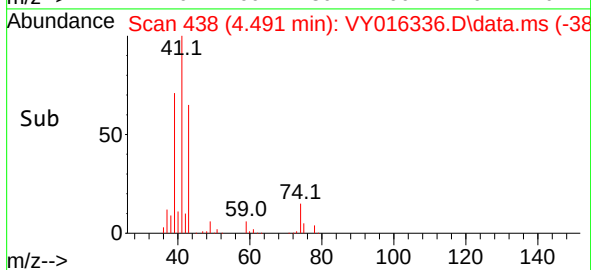
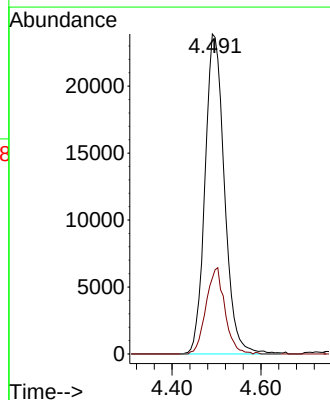
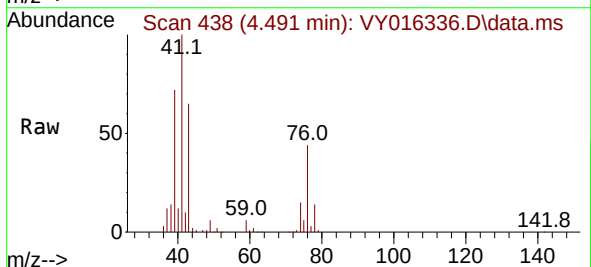
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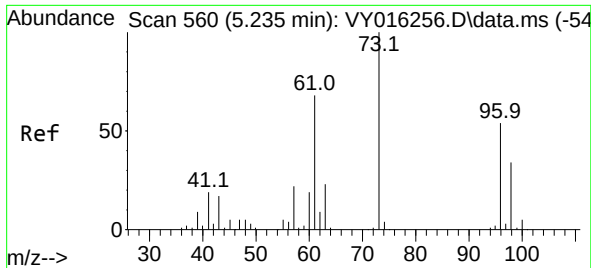
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#18
Methyl Acetate
Concen: 52.797 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 43 Resp: 72744
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





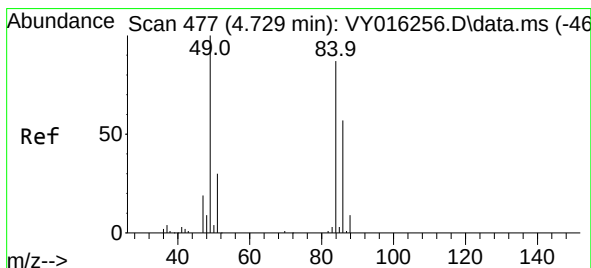
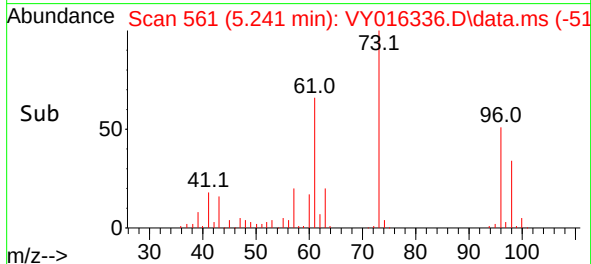
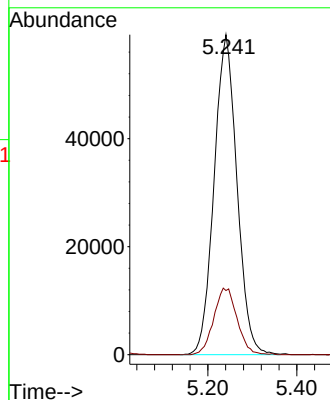
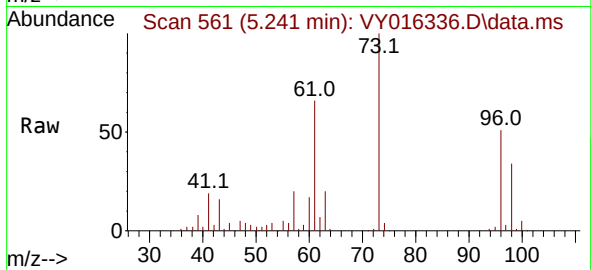
#19
Methyl tert-butyl Ether
Concen: 50.319 ug/l
RT: 5.241 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21108
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

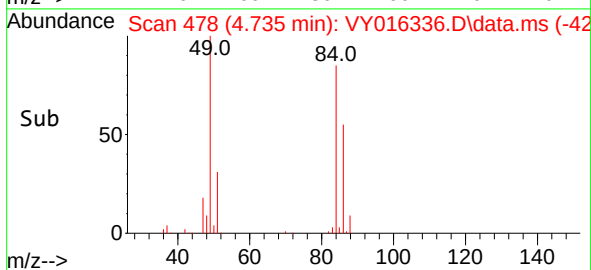
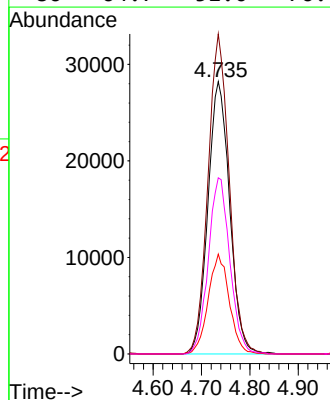
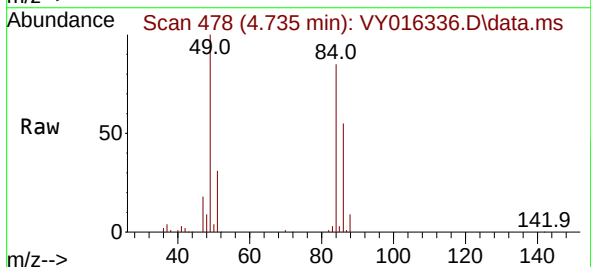
Manual Integrations
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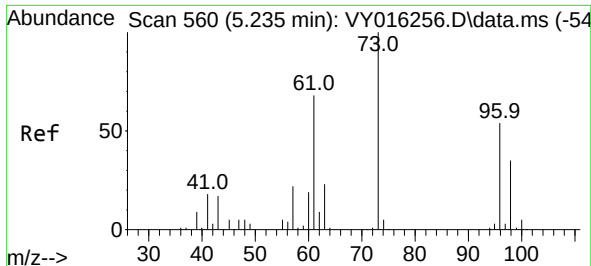
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#20
Methylene Chloride
Concen: 47.949 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

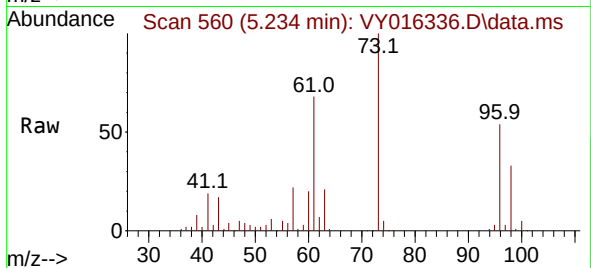
Tgt Ion: 84 Resp: 88092
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 36.6 33.2 49.8
86 64.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.312 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

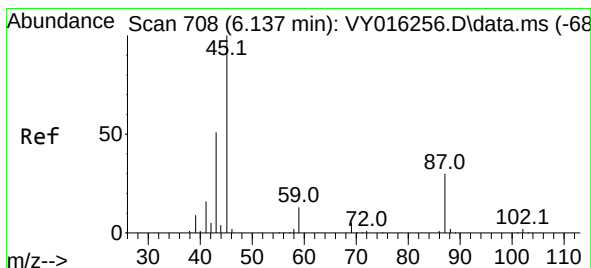
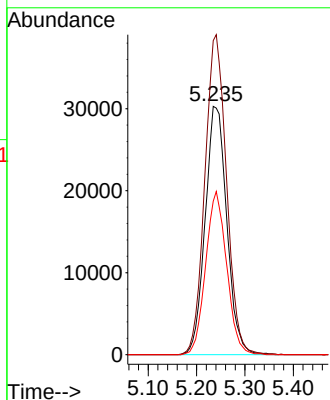
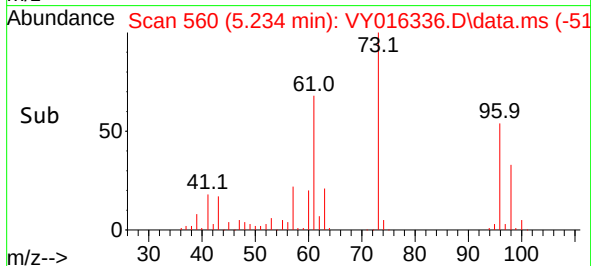
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



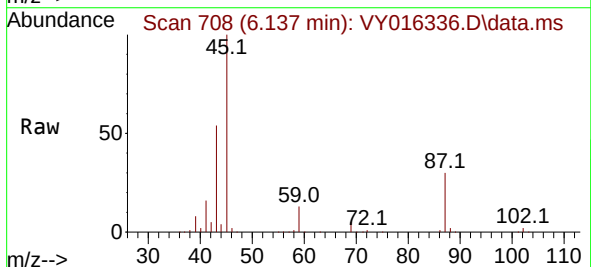
Tgt Ion: 96 Resp: 94414
Ion Ratio Lower Upper
96 100
61 126.4 110.2 165.4
98 61.8 51.8 77.6

Manual Integrations
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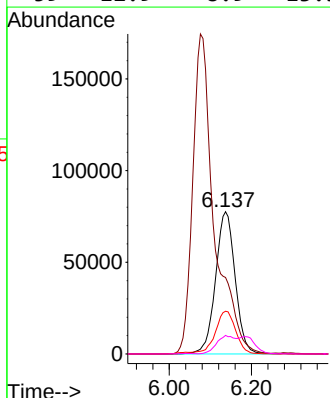
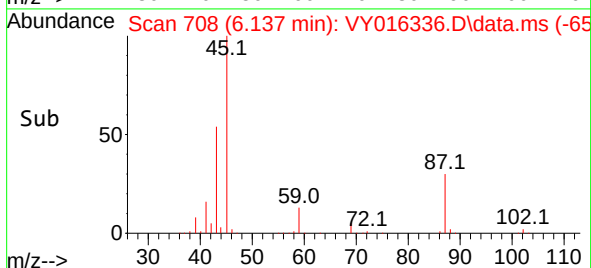
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

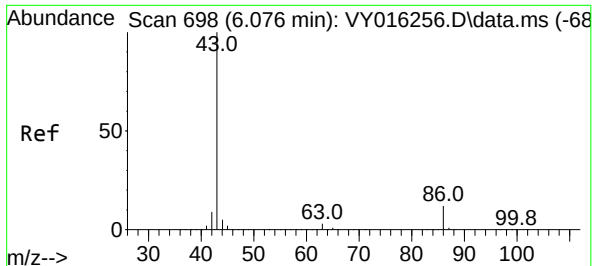


#22
Diisopropyl ether
Concen: 48.564 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion: 45 Resp: 257415
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 30.0 21.0 31.6
59 12.9 8.9 13.3





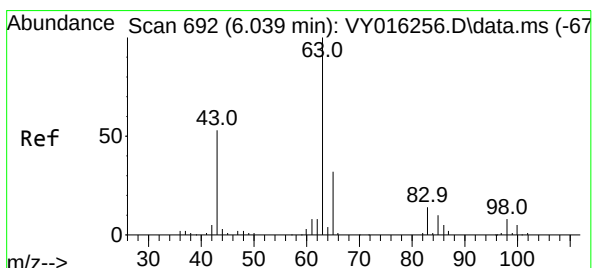
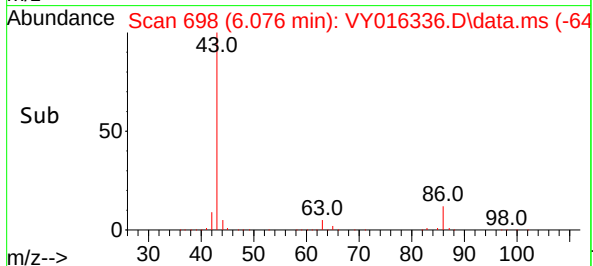
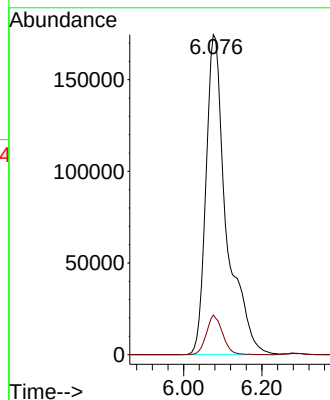
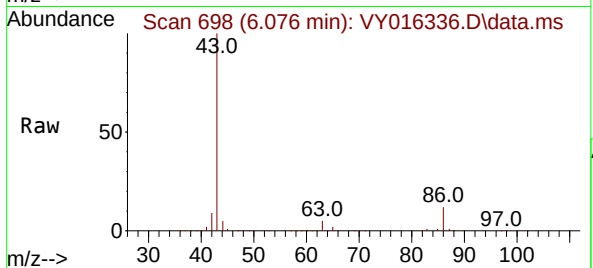
#23
 Vinyl Acetate
 Concen: 246.338 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016336.D
 Acq: 14 Nov 2023 09:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 632688
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3

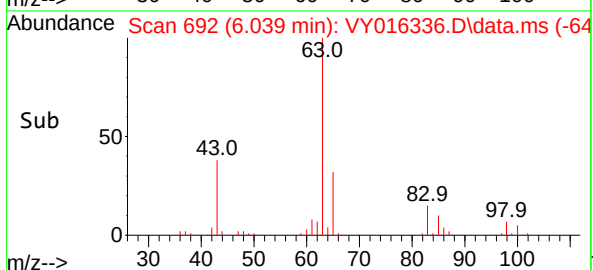
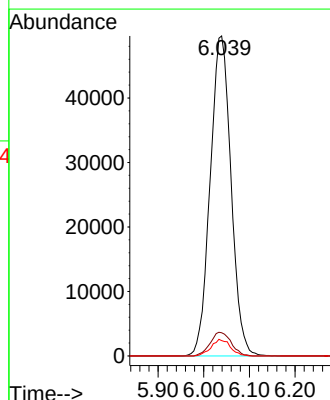
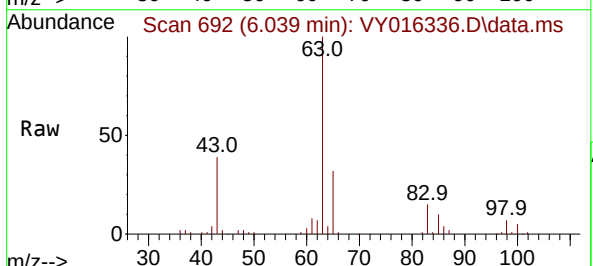
Manual Integrations
 APPROVED

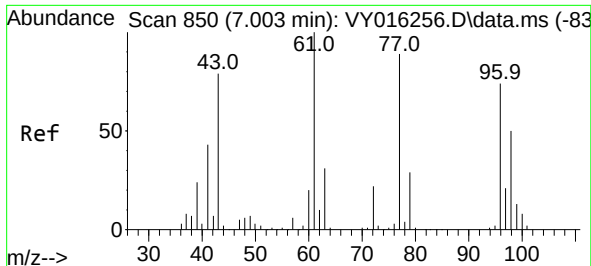
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 48.103 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016336.D
 Acq: 14 Nov 2023 09:08

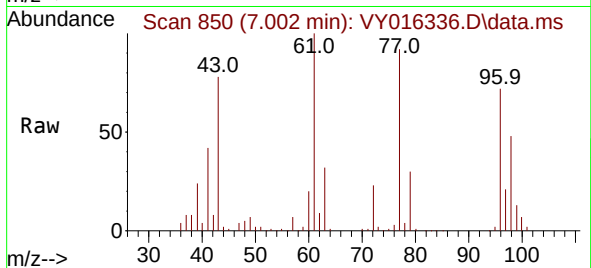
Tgt Ion: 63 Resp: 157299
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.8 1.8 5.5





#25
2-Butanone
Concen: 248.138 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

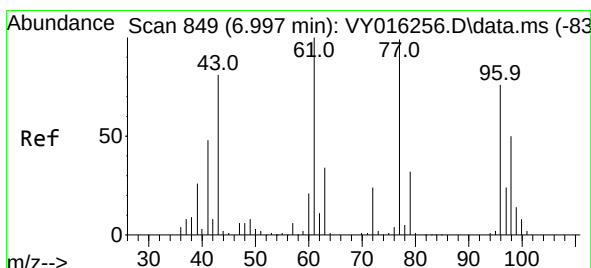
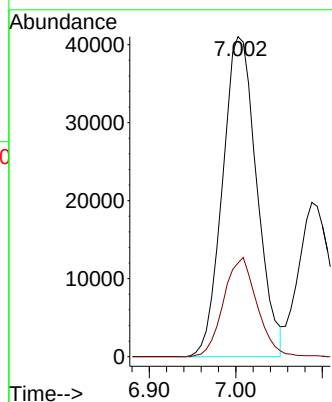
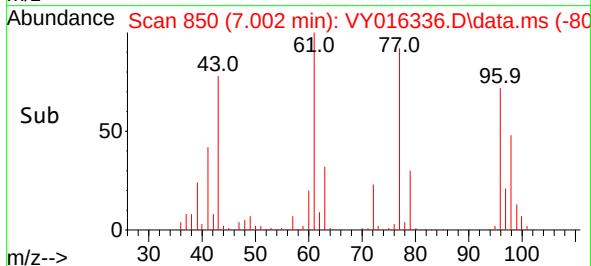
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



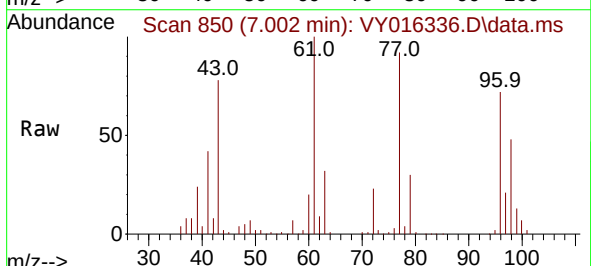
Tgt Ion: 43 Resp: 112690
Ion Ratio Lower Upper
43 100
72 29.2 20.5 30.7

Manual Integrations
APPROVED

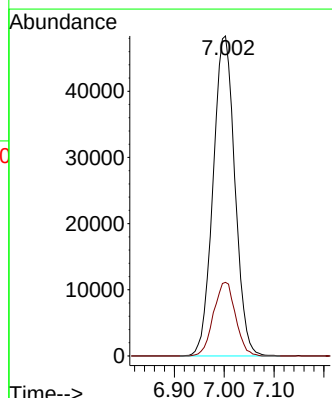
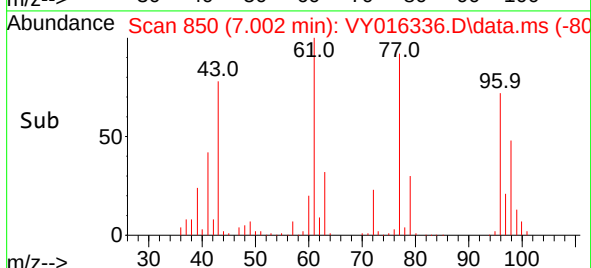
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

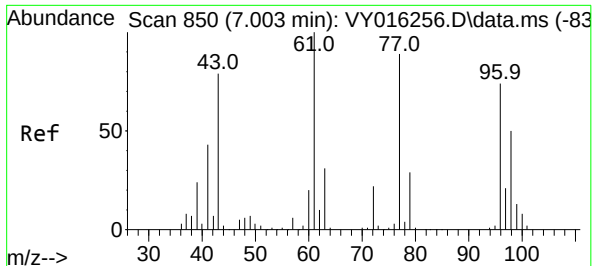


#26
2,2-Dichloropropane
Concen: 49.289 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion: 77 Resp: 146693
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.245 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10375

Ion Ratio Lower Upper

96 100

61 137.2 0.0 301.4

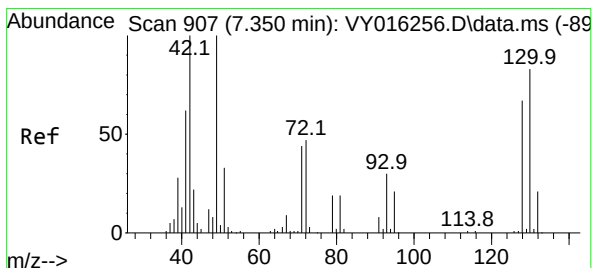
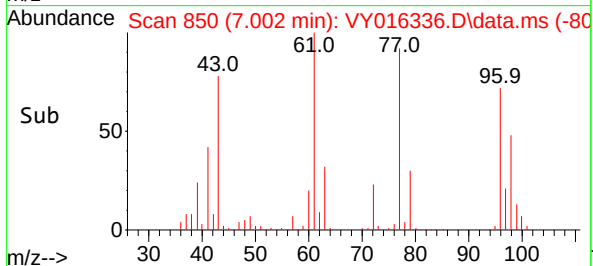
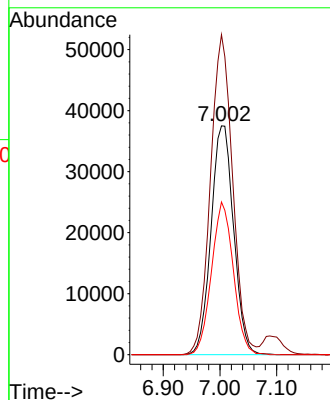
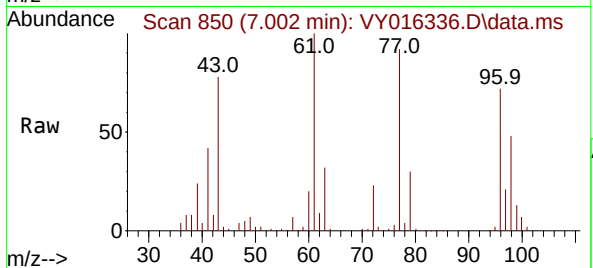
98 64.5 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#28

Bromochloromethane

Concen: 50.036 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

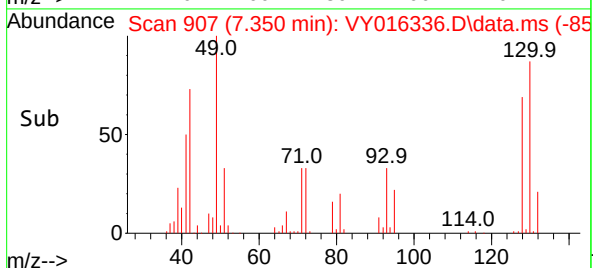
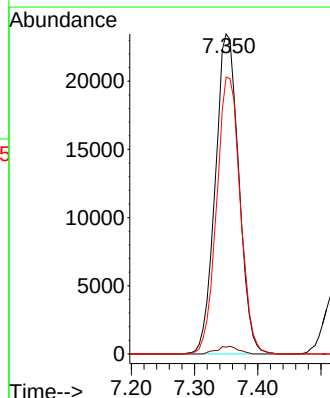
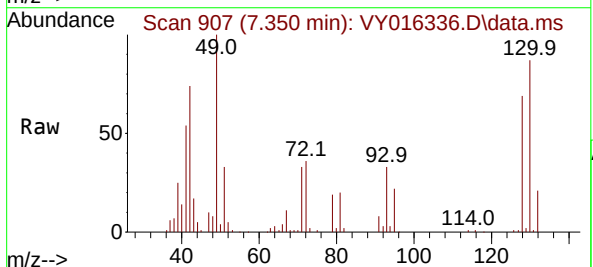
Tgt Ion: 49 Resp: 60556

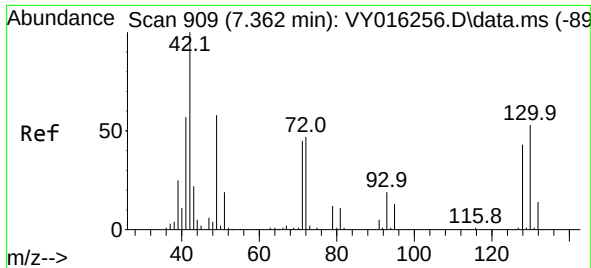
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 249.596 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

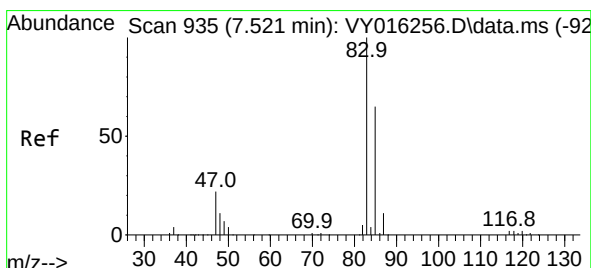
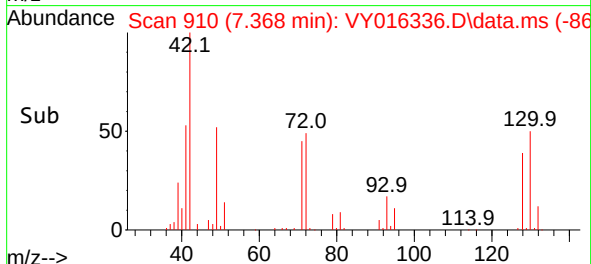
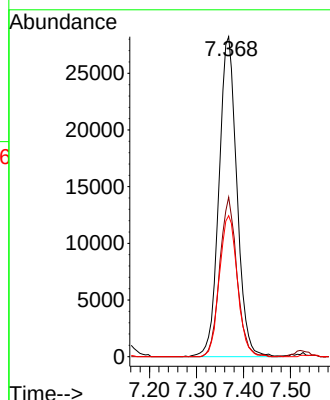
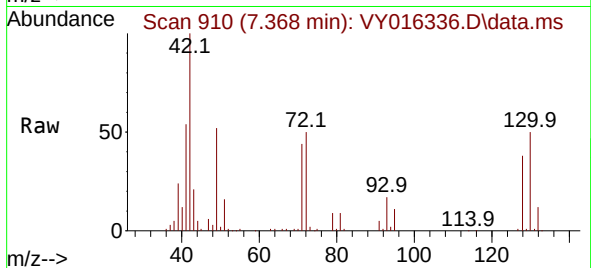
Tgt Ion: 42 Resp: 74920

Ion	Ratio	Lower	Upper
42	100		
72	47.9	32.8	49.2
71	44.5	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Chloroform

Concen: 49.076 ug/l

RT: 7.521 min Scan# 935

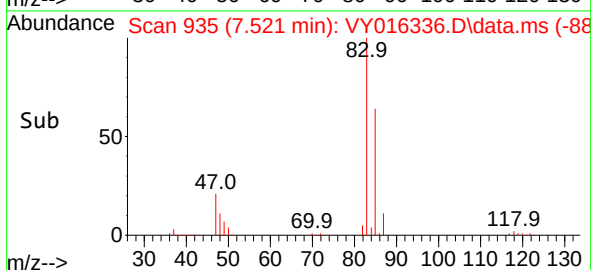
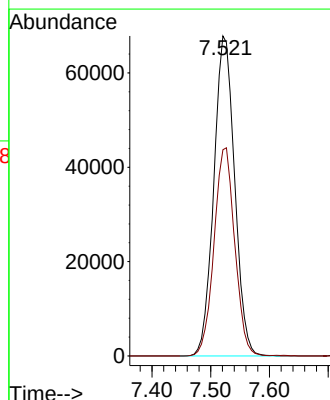
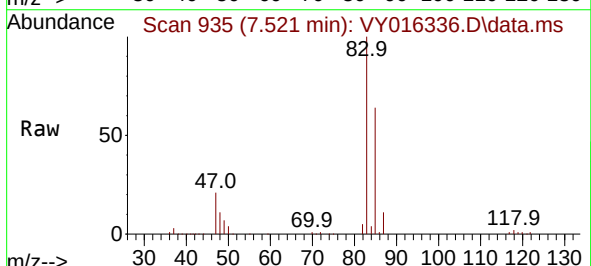
Delta R.T. -0.000 min

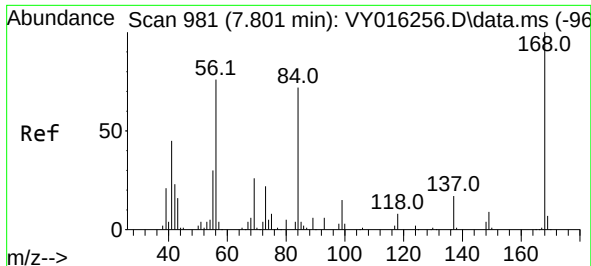
Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Tgt Ion: 83 Resp: 167042

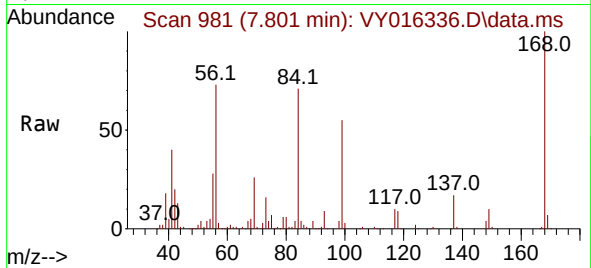
Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.7	74.5





#31
Cyclohexane
Concen: 44.637 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

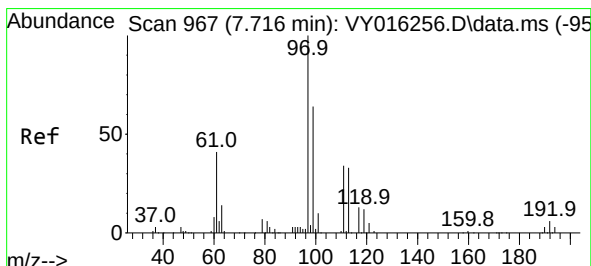
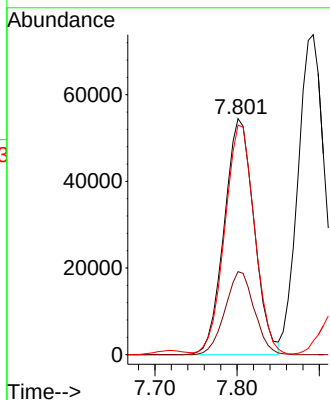
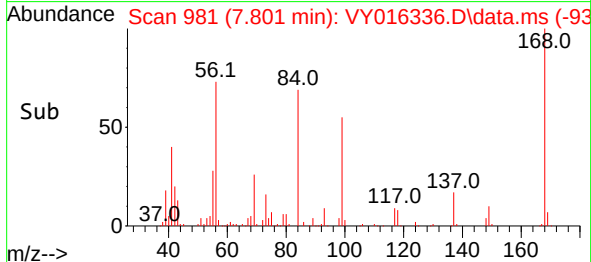
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 137760
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 95.8 66.4 99.6

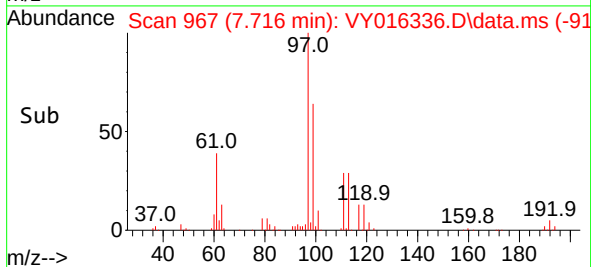
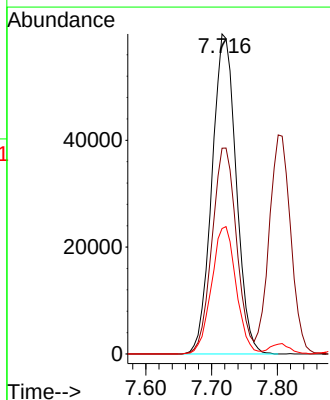
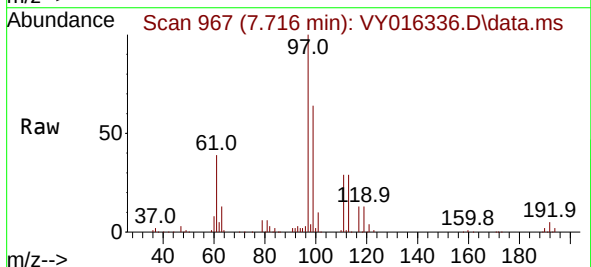
Manual Integrations
APPROVED

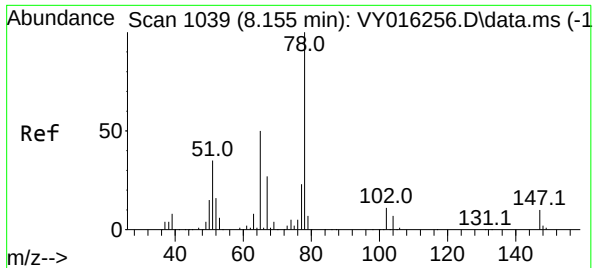
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 49.240 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 97 Resp: 153634
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 40.3 35.1 52.7





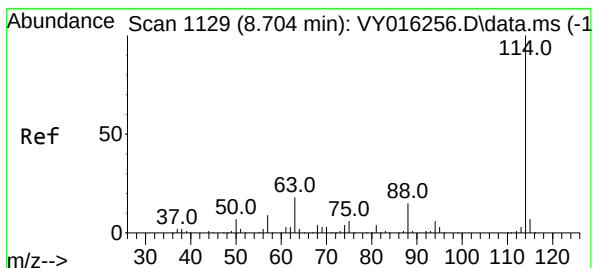
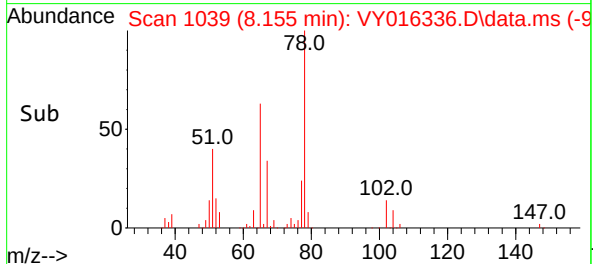
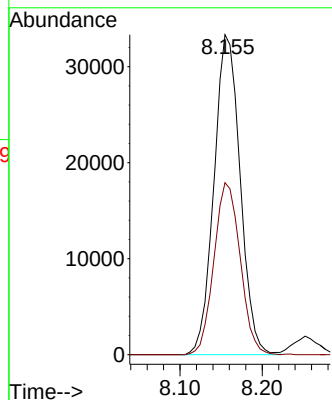
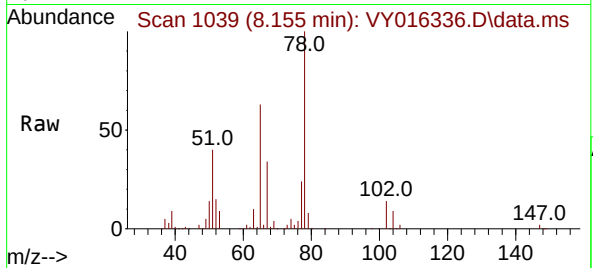
#33
1,2-Dichloroethane-d4
Concen: 47.066 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 73779
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8

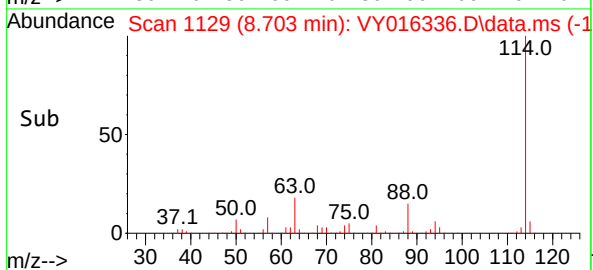
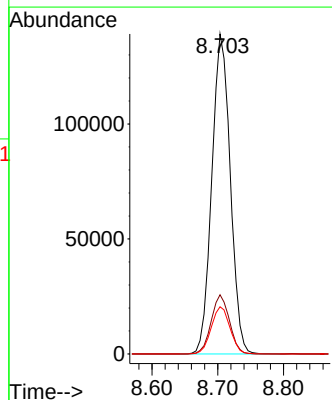
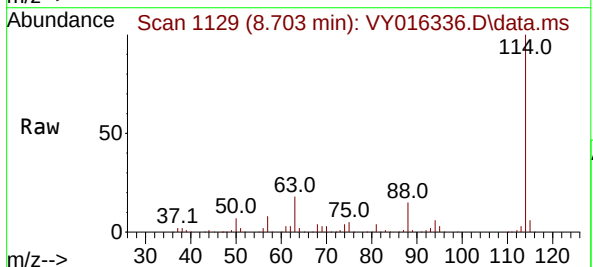
Manual Integrations
APPROVED

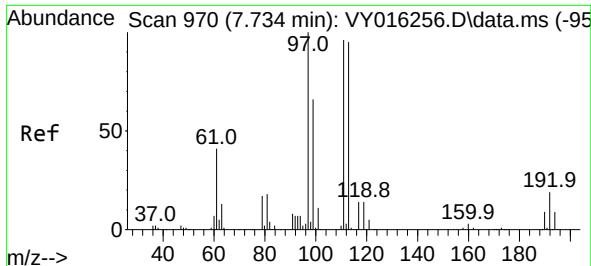
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

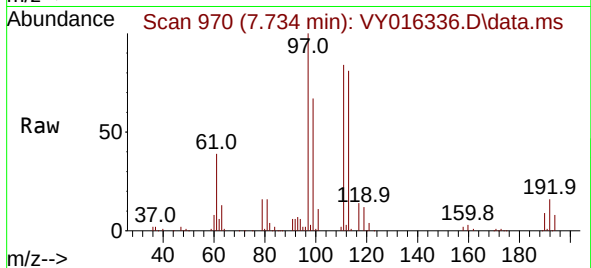
Tgt Ion:114 Resp: 271539
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.766 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

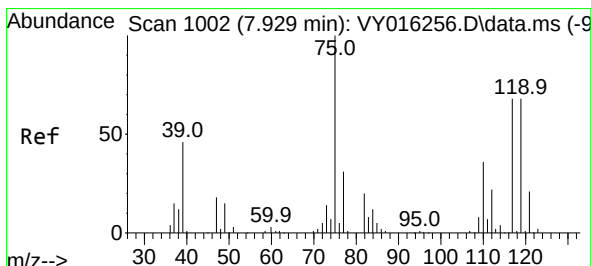
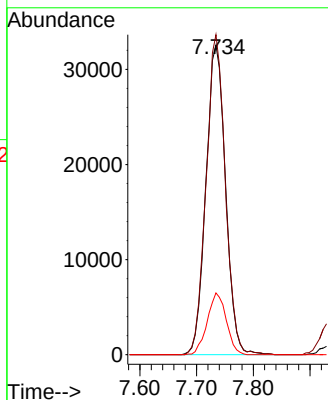
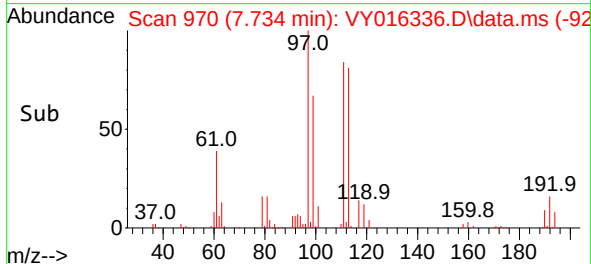
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



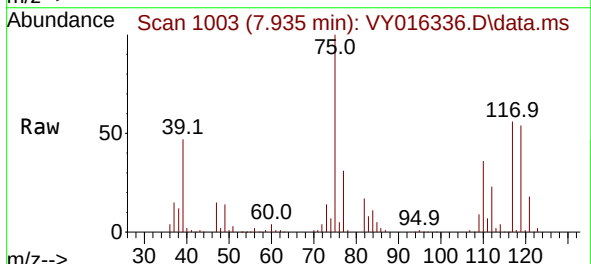
Tgt Ion:113 Resp: 7830
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.3 16.9 25.3

Manual Integrations
APPROVED

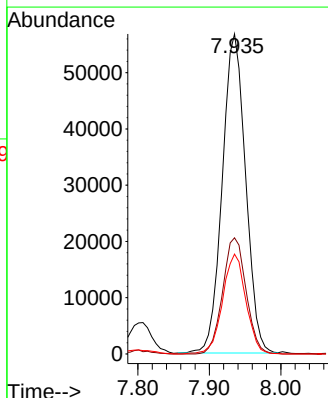
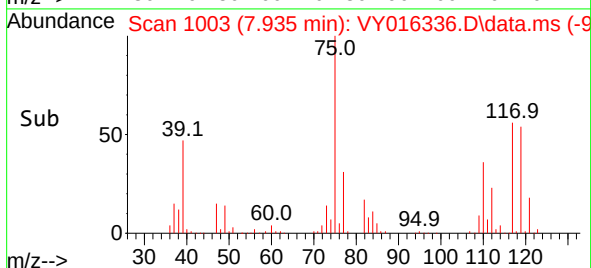
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

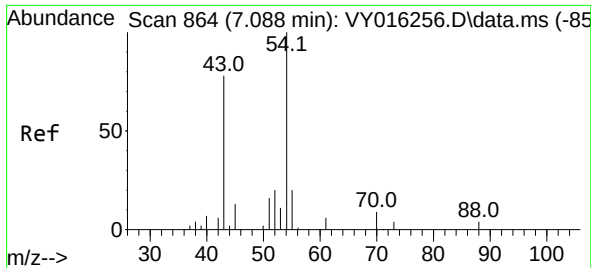


#36
1,1-Dichloropropene
Concen: 47.907 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion: 75 Resp: 128317
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.3 24.4 36.6





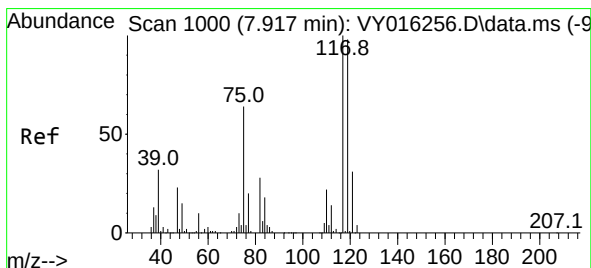
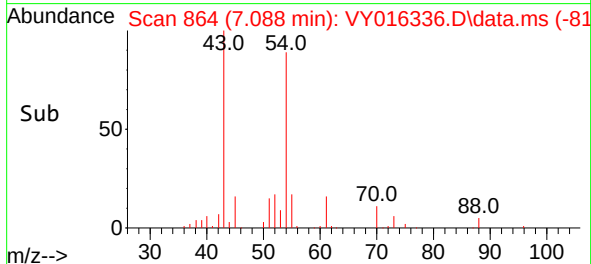
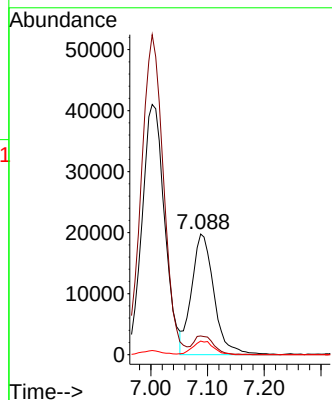
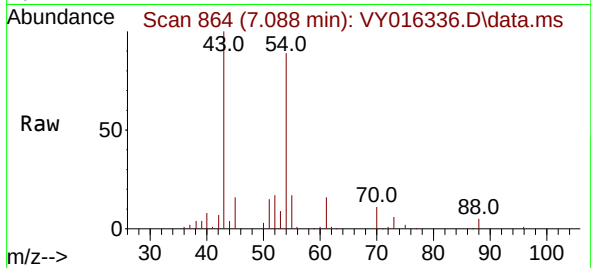
#37
Ethyl Acetate
Concen: 50.122 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5424
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 10.5 7.1 10.7

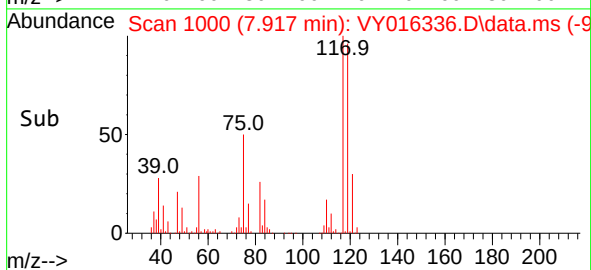
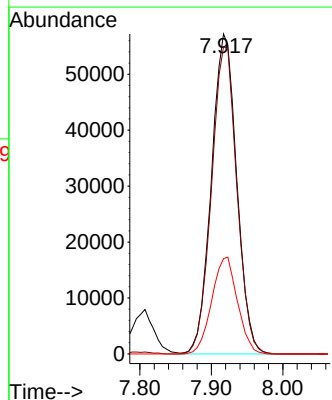
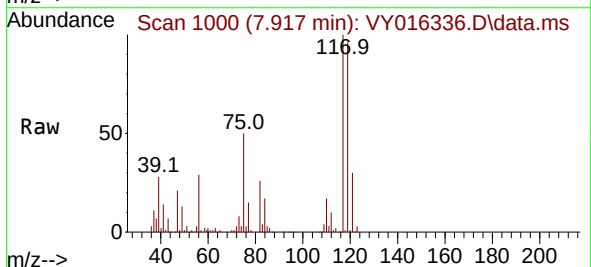
Manual Integrations
APPROVED

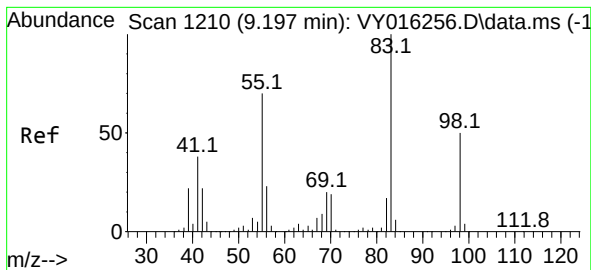
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38
Carbon Tetrachloride
Concen: 50.634 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion:117 Resp: 140755
Ion Ratio Lower Upper
117 100
119 96.1 76.4 114.6
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 48.403 ug/l

RT: 9.197 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 161544

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

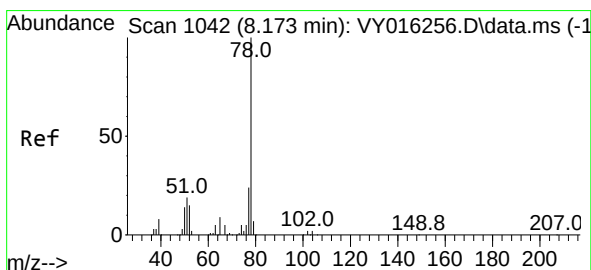
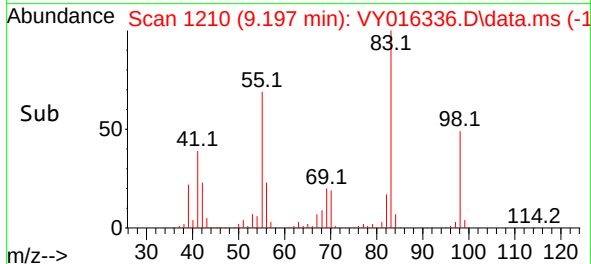
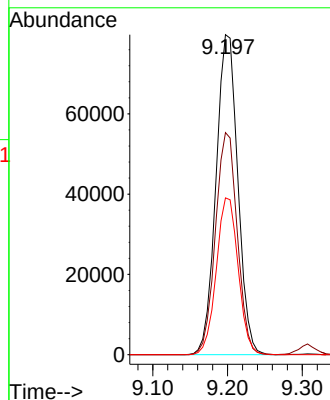
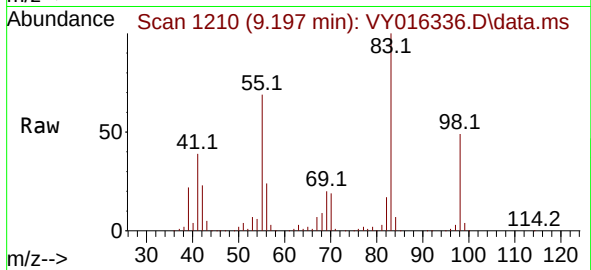
98 49.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#40

Benzene

Concen: 49.101 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016336.D

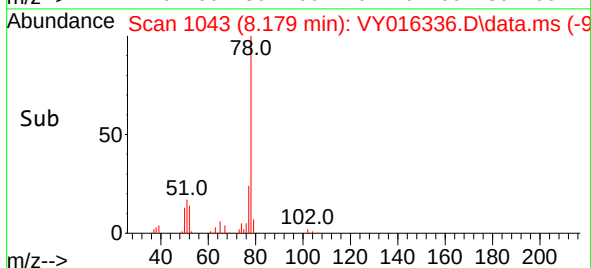
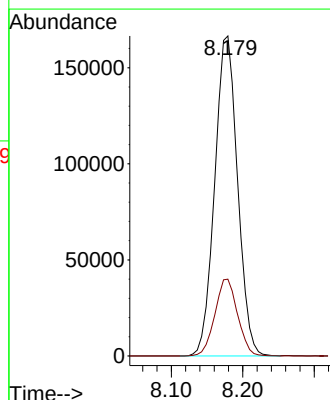
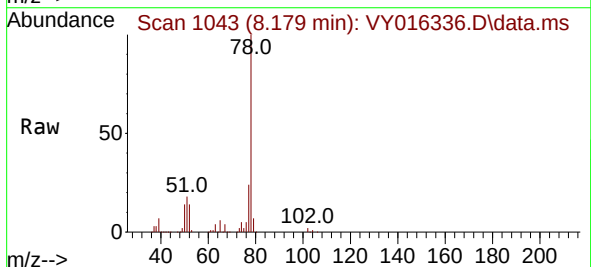
Acq: 14 Nov 2023 09:08

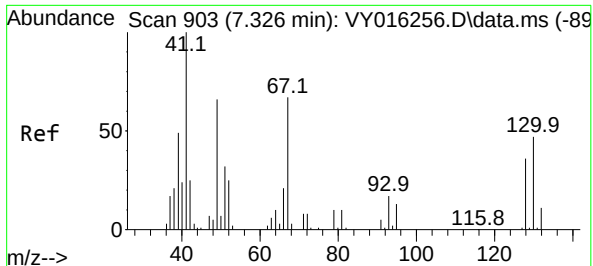
Tgt Ion: 78 Resp: 369493

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6





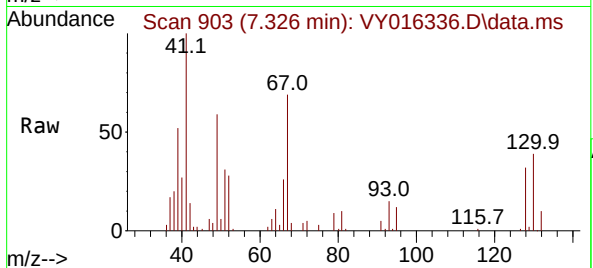
#41
Methacrylonitrile
Concen: 50.910 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

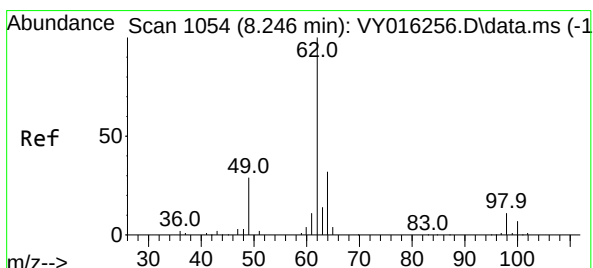
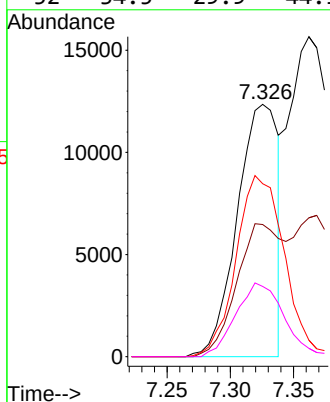
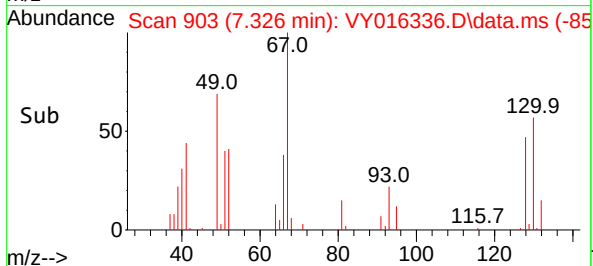


Tgt Ion: 41 Resp: 27780
Ion Ratio Lower Upper
41 100
39 60.3 52.1 78.1
67 84.8 66.2 99.2
52 34.5 29.9 44.9

Manual Integrations

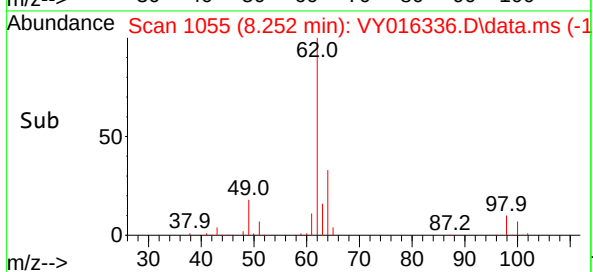
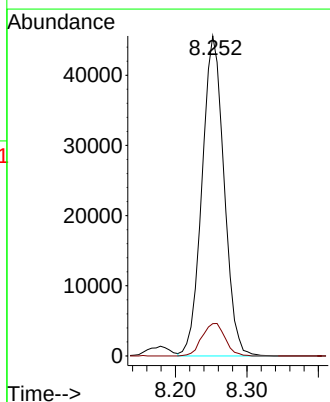
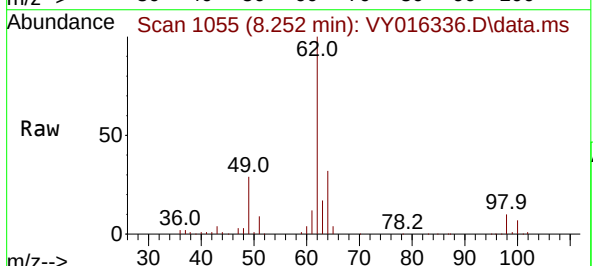
APPROVED

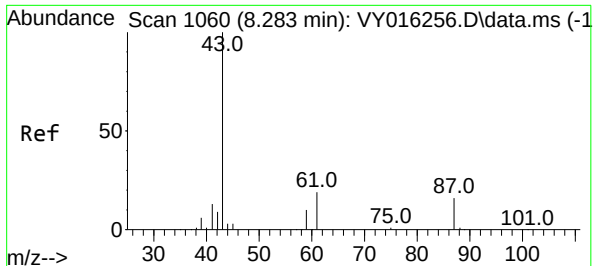
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
1,2-Dichloroethane
Concen: 50.047 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

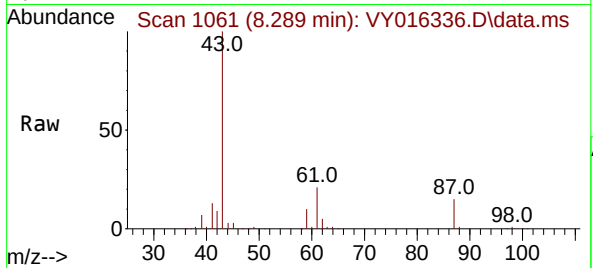
Tgt Ion: 62 Resp: 97582
Ion Ratio Lower Upper
62 100
98 10.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 50.718 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

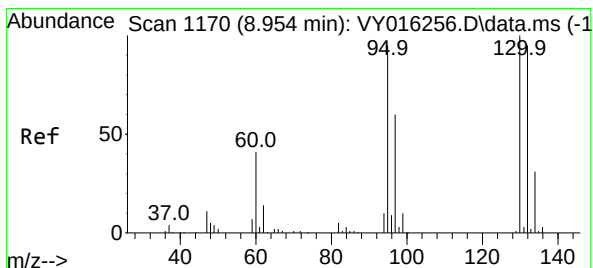
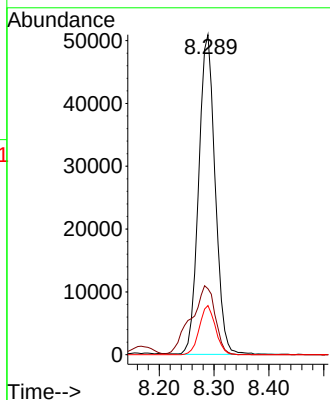
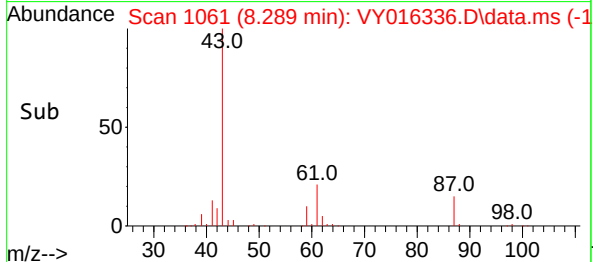
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 106098
Ion Ratio Lower Upper
43 100
61 31.6 21.1 31.7
87 15.0 9.8 14.8

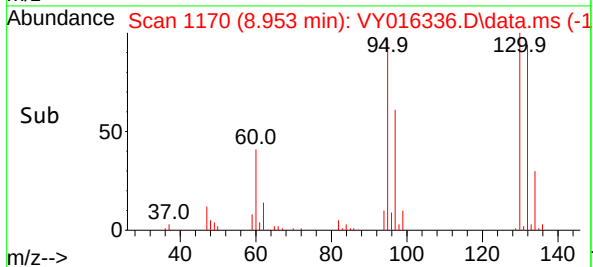
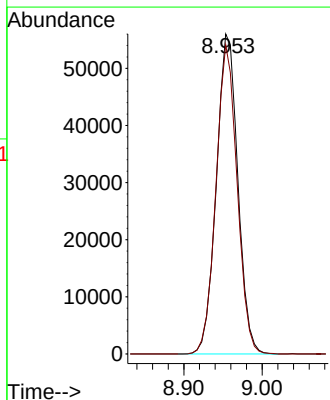
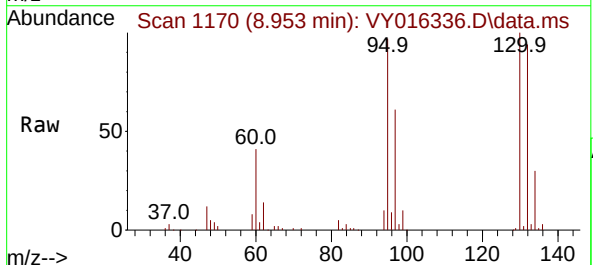
Manual Integrations
APPROVED

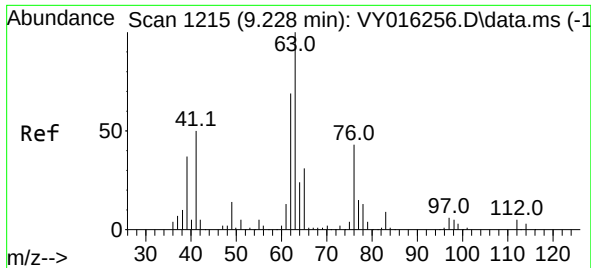
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
Trichloroethene
Concen: 49.357 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion:130 Resp: 106746
Ion Ratio Lower Upper
130 100
95 96.6 0.0 196.0





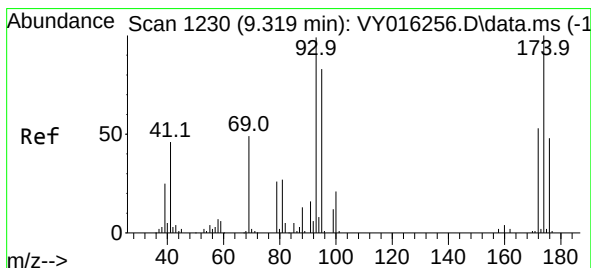
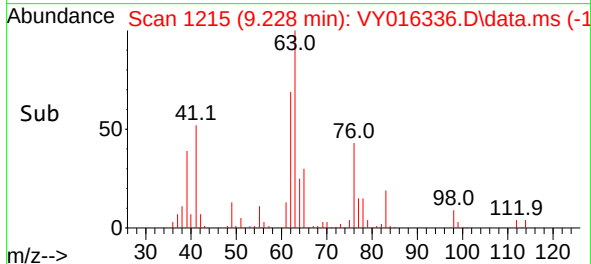
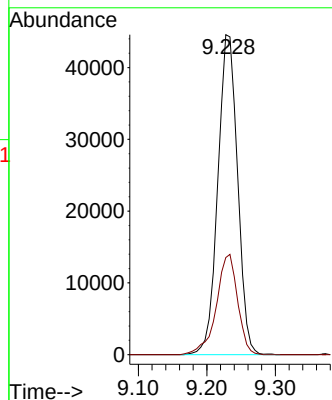
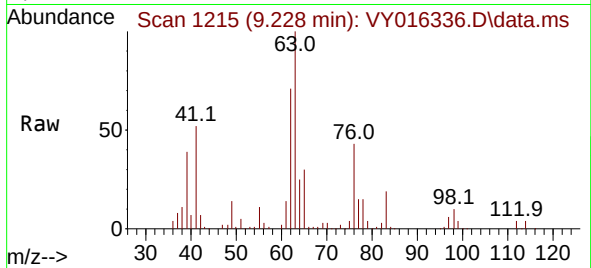
#45
1,2-Dichloropropane
Concen: 49.225 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 8896
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6

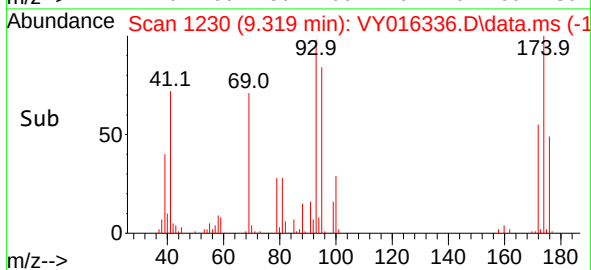
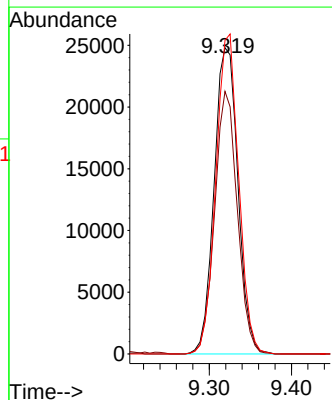
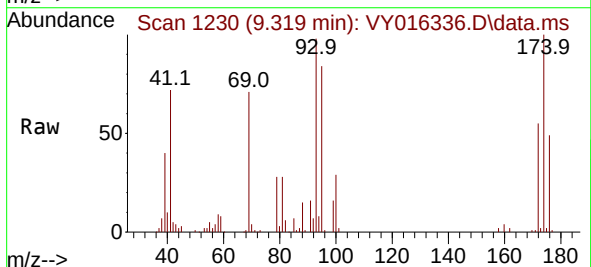
Manual Integrations
APPROVED

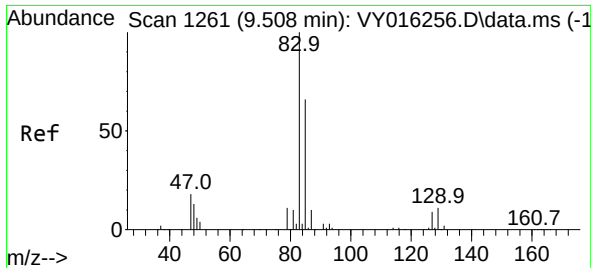
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#46
Dibromomethane
Concen: 51.039 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

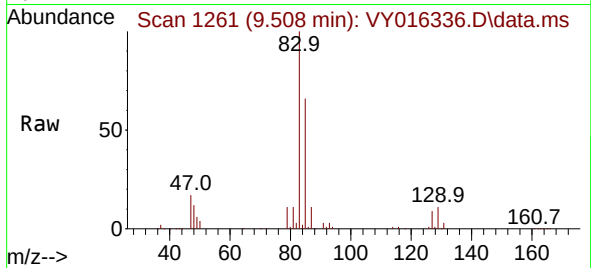
Tgt Ion: 93 Resp: 49985
Ion Ratio Lower Upper
93 100
95 81.7 66.6 100.0
174 100.0 84.8 127.2





#47
Bromodichloromethane
Concen: 50.648 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

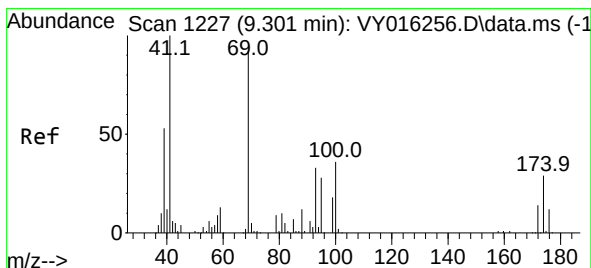
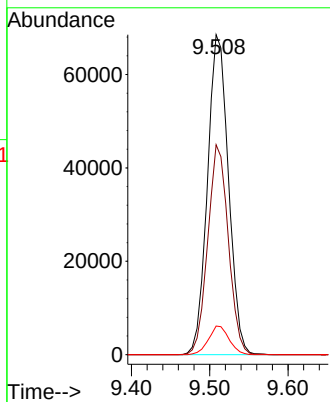
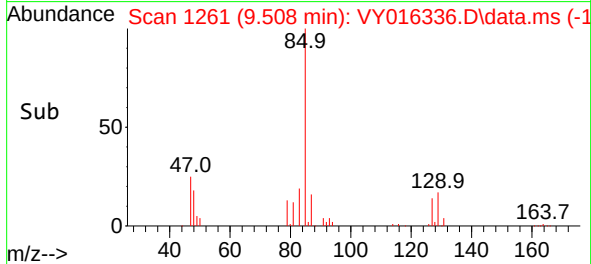
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 127520
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 9.0 7.1 10.7

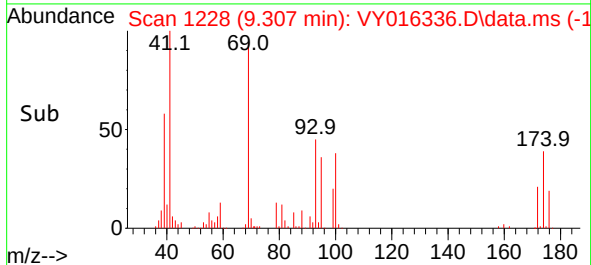
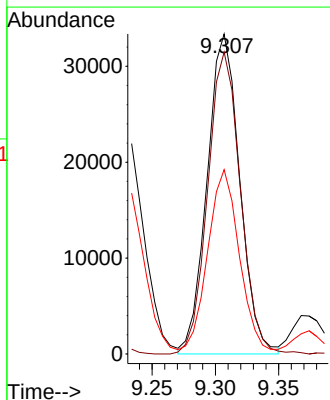
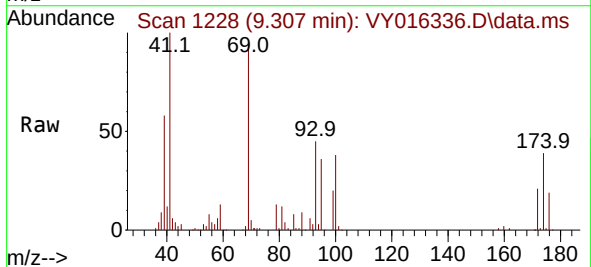
Manual Integrations
APPROVED

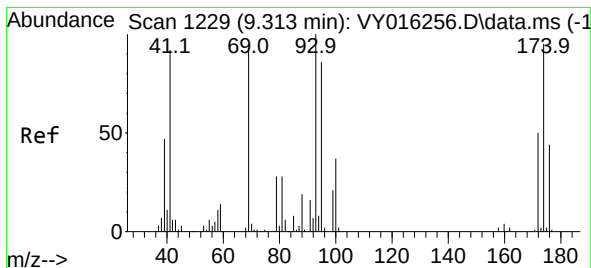
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Methyl methacrylate
Concen: 51.857 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 41 Resp: 59954
Ion Ratio Lower Upper
41 100
69 94.2 64.5 96.7
39 53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 968.725 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 10072

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0

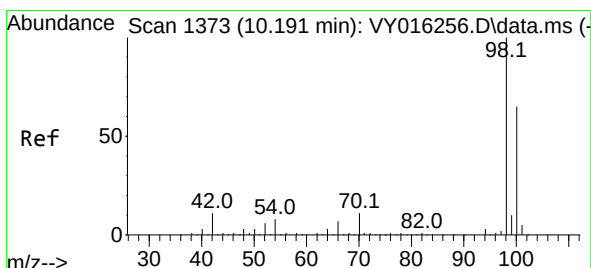
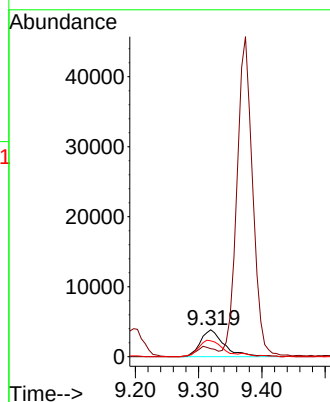
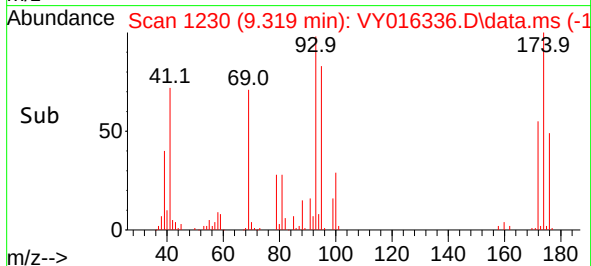
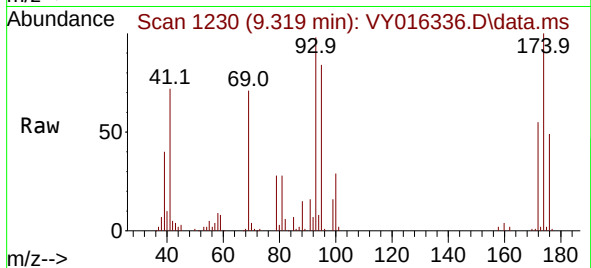
58 60.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#50

Toluene-d8

Concen: 48.136 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016336.D

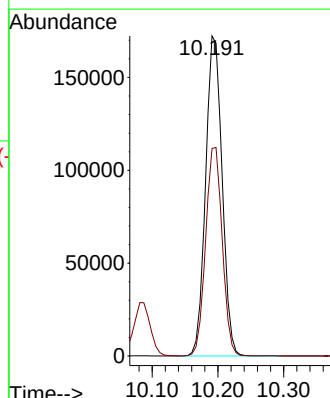
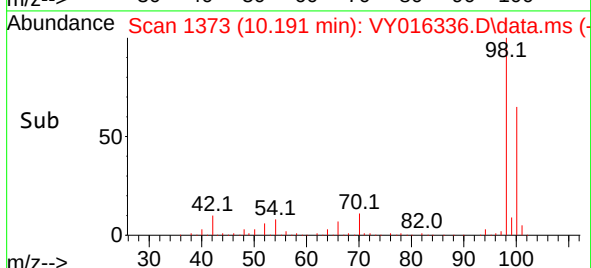
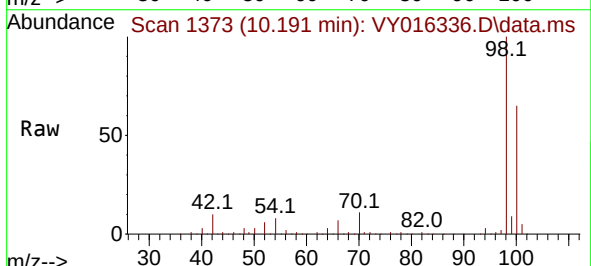
Acq: 14 Nov 2023 09:08

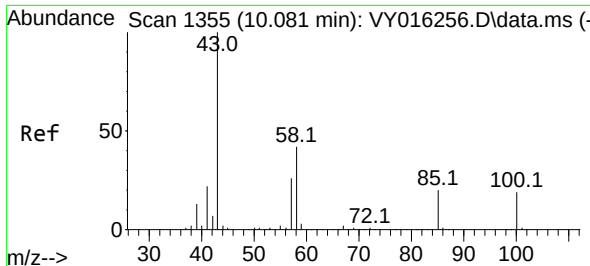
Tgt Ion: 98 Resp: 301100

Ion Ratio Lower Upper

98 100

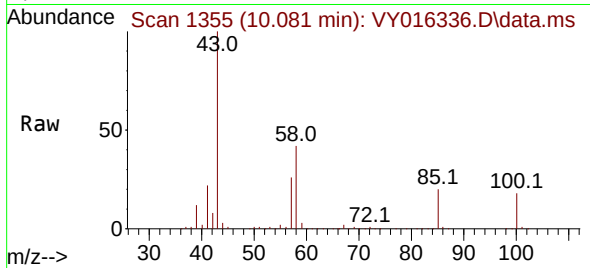
100 65.7 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 258.917 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

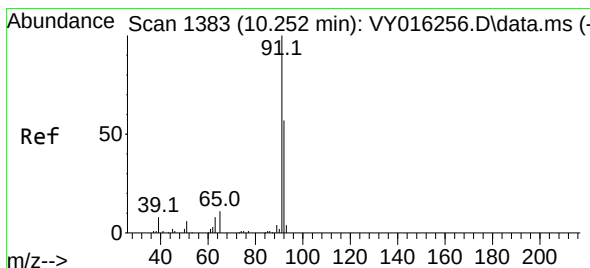
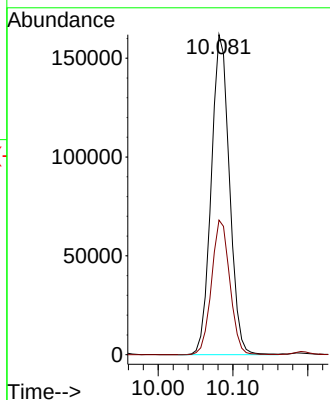
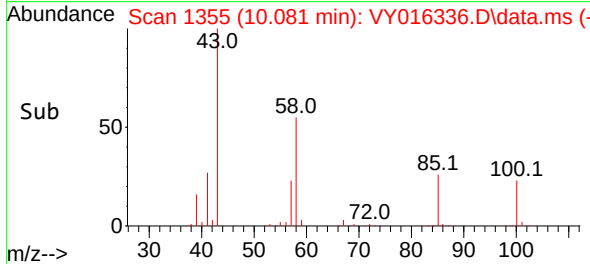
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 273890
Ion Ratio Lower Upper
43 100
58 42.2 29.0 43.6

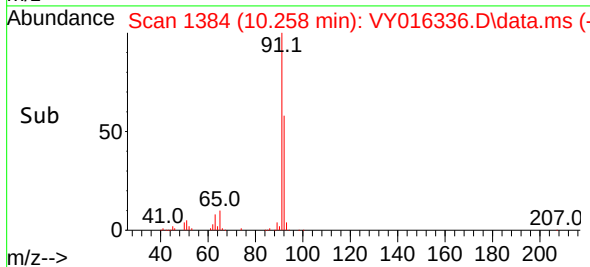
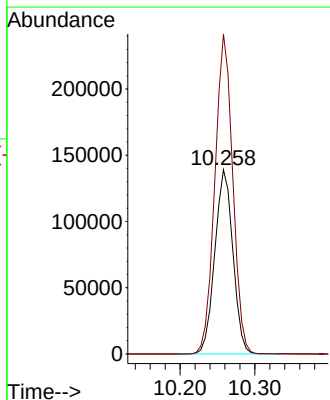
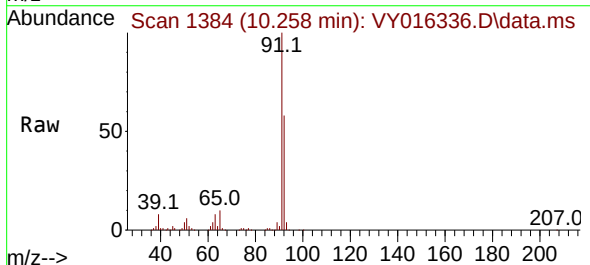
Manual Integrations
APPROVED

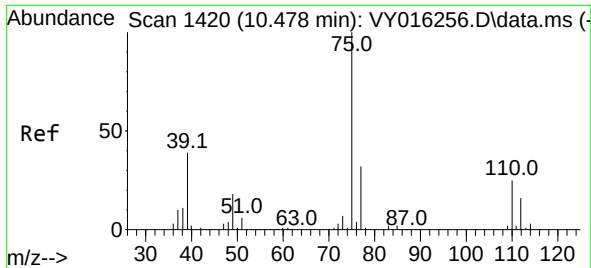
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Toluene
Concen: 49.257 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

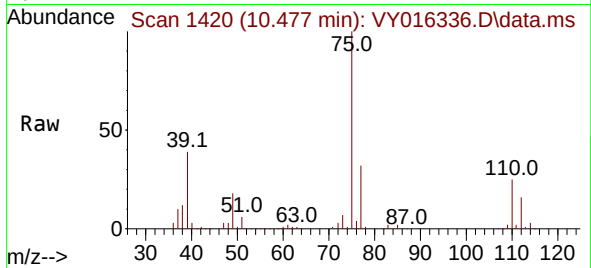
Tgt Ion: 92 Resp: 234310
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 51.257 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

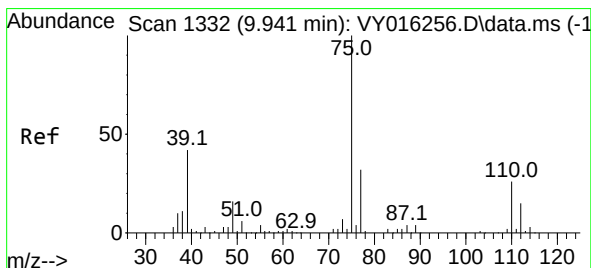
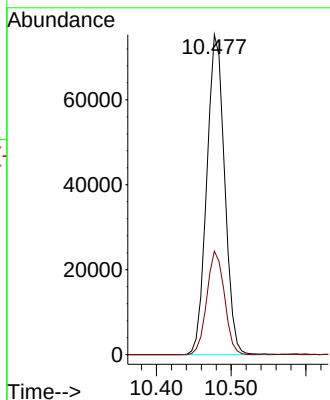
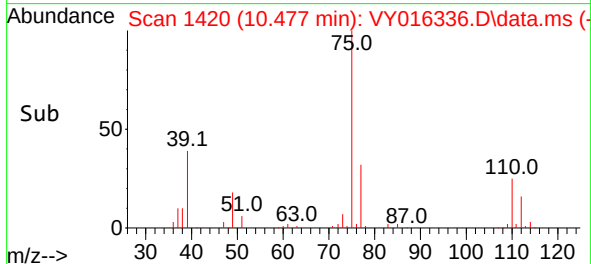
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

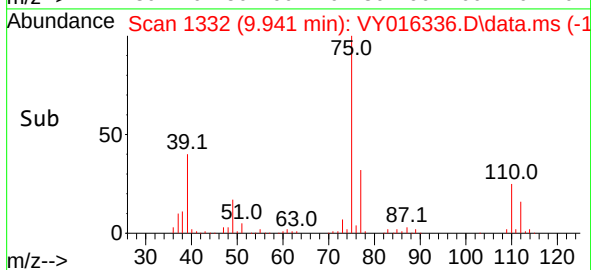
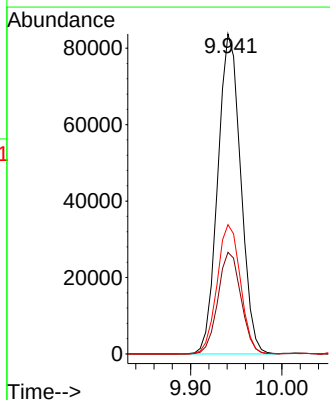
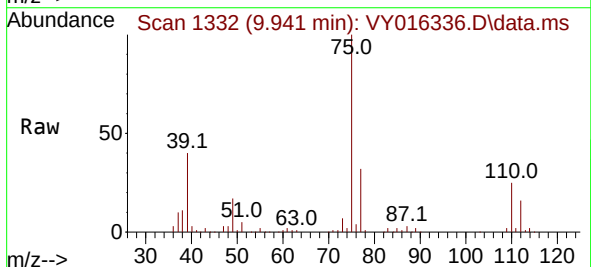
Manual Integrations
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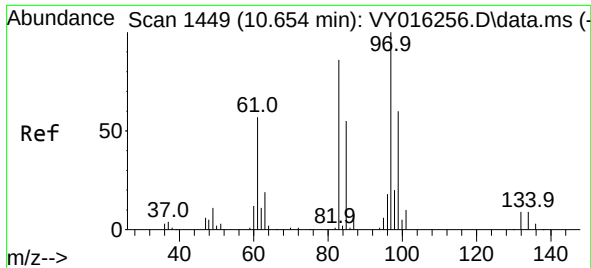
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 50.152 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

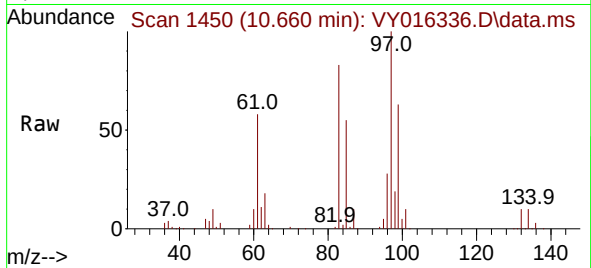
Tgt Ion: 75 Resp: 146206
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 40.4 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 51.392 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

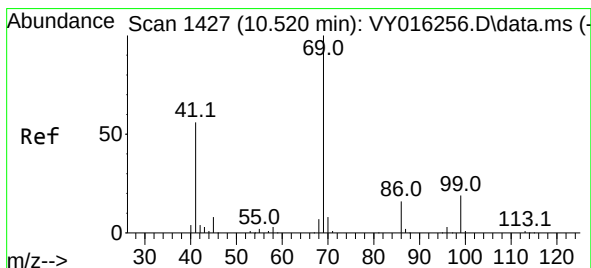
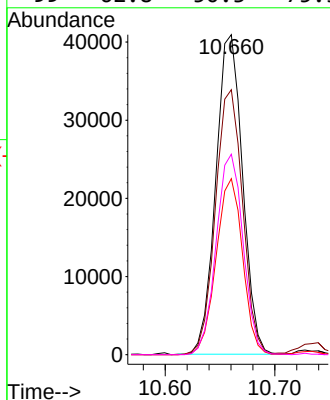
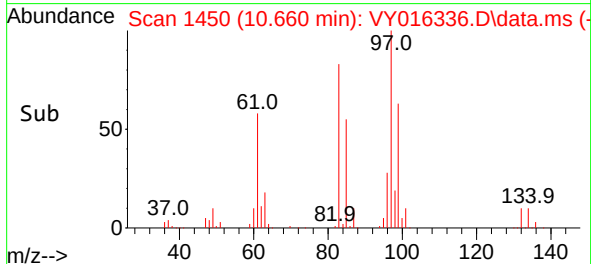
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 69370
Ion Ratio Lower Upper
97 100
83 82.9 72.0 108.0
85 55.1 45.4 68.0
99 62.8 50.3 75.5

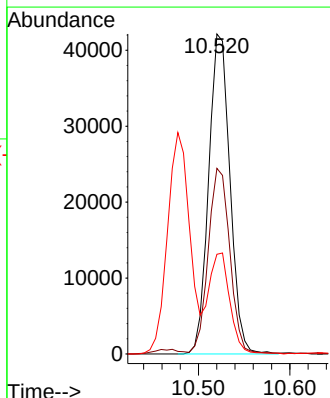
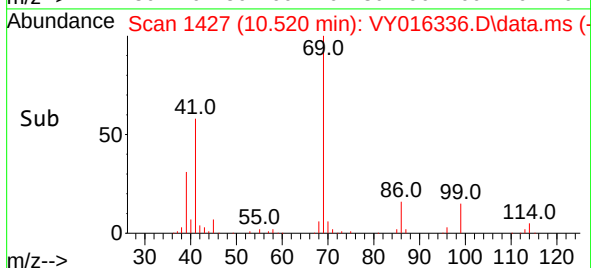
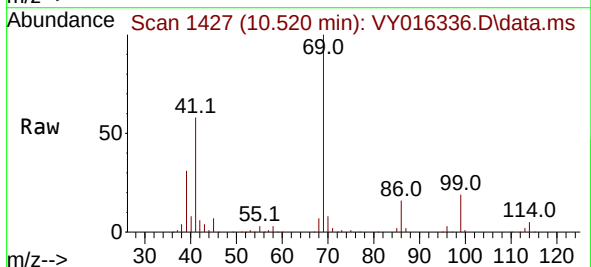
Manual Integrations
APPROVED

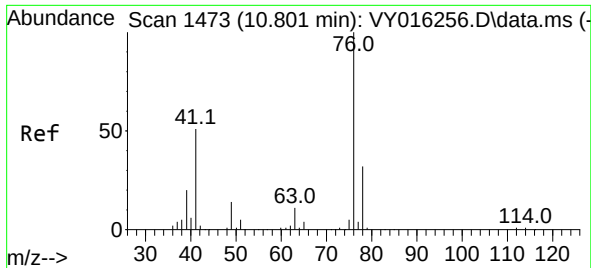
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#56
Ethyl methacrylate
Concen: 53.533 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 69 Resp: 68212
Ion Ratio Lower Upper
69 100
41 58.8 57.6 86.4
39 31.6 34.1 51.1#





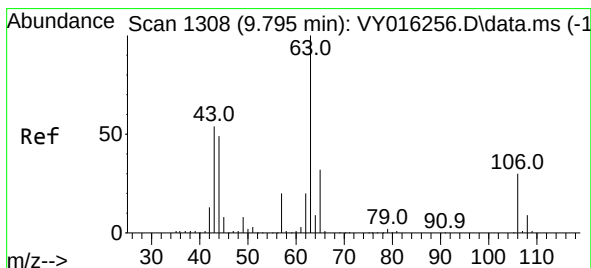
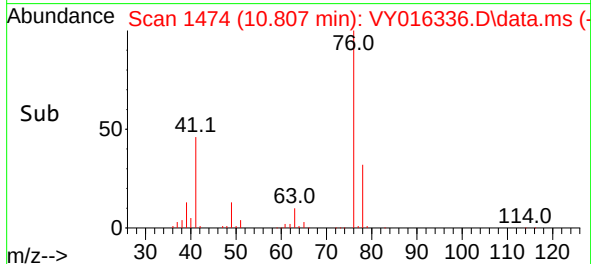
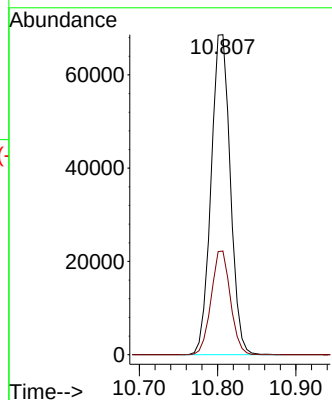
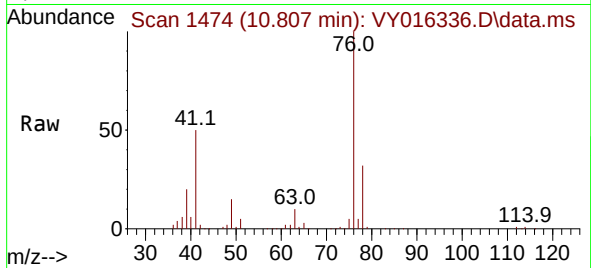
#57
1,3-Dichloropropane
Concen: 50.887 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 117085
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

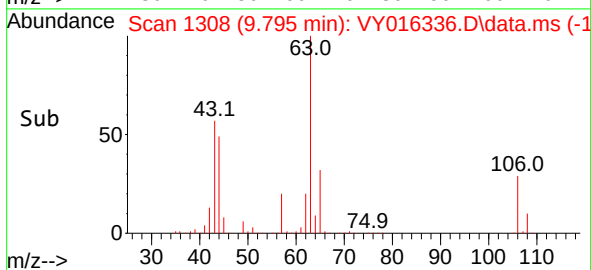
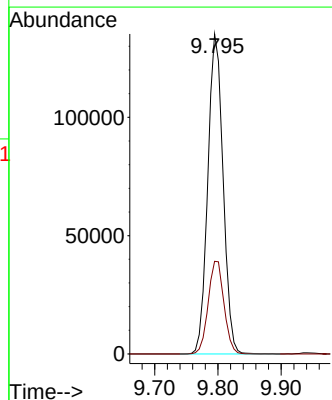
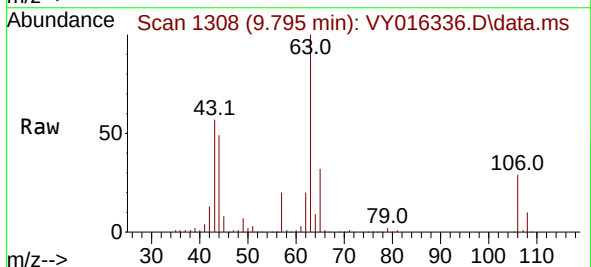
Manual Integrations
APPROVED

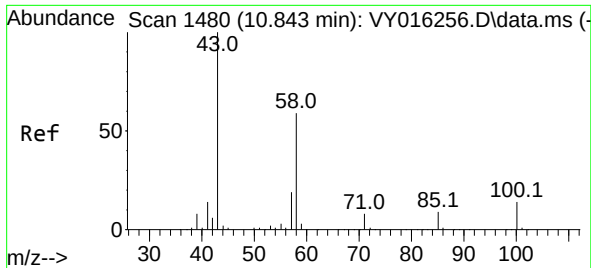
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 262.803 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

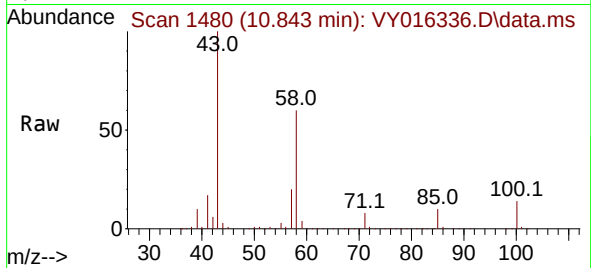
Tgt Ion: 63 Resp: 227061
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 247.467 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

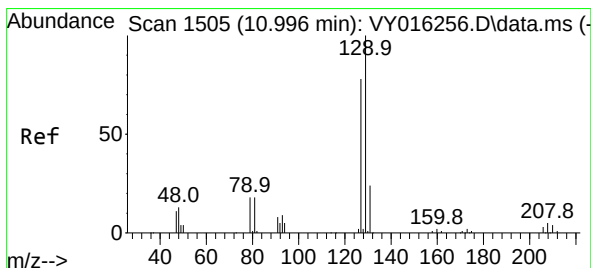
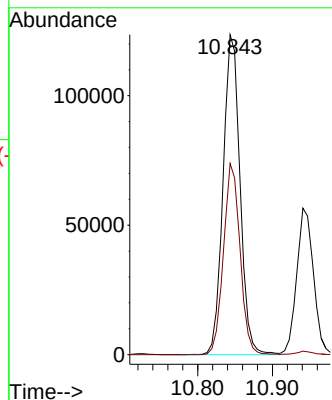
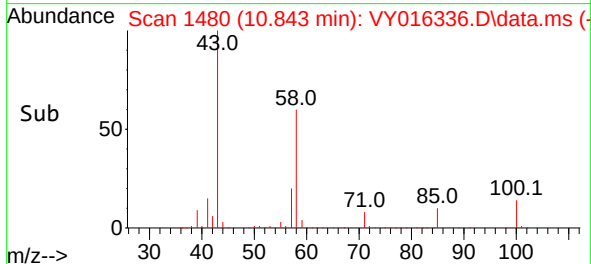
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 19471
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3

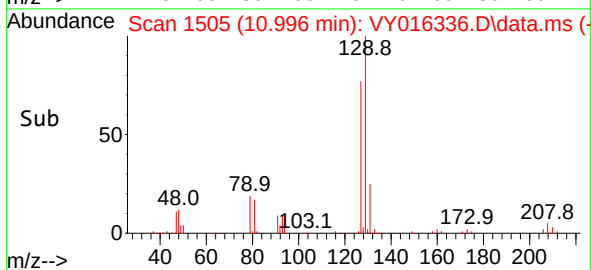
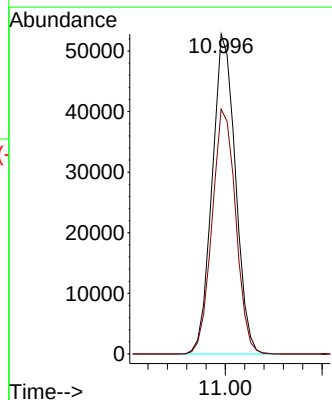
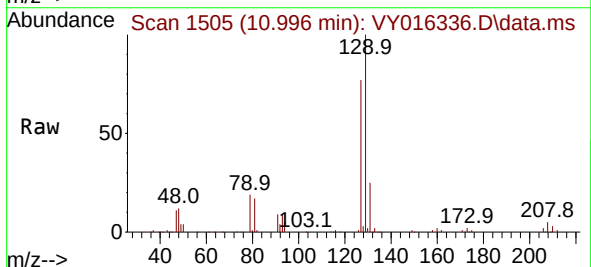
Manual Integrations
APPROVED

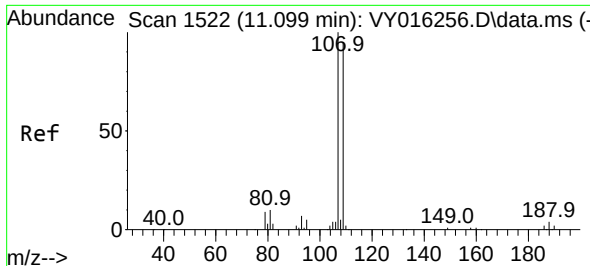
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
Dibromochloromethane
Concen: 52.086 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

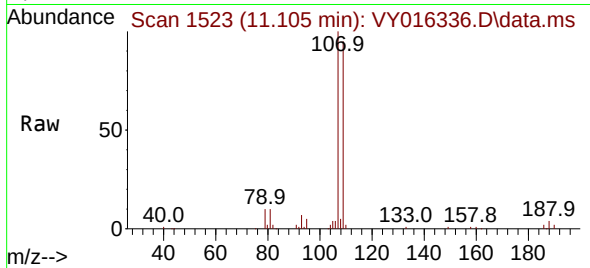
Tgt Ion:129 Resp: 87931
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.158 ug/l
RT: 11.105 min Scan# 11105
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

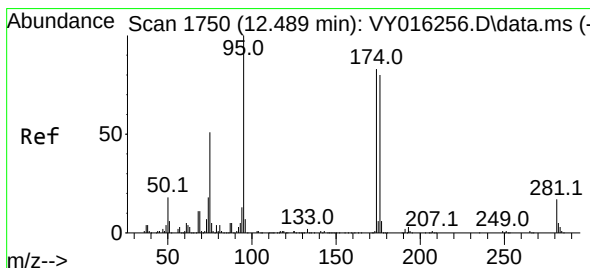
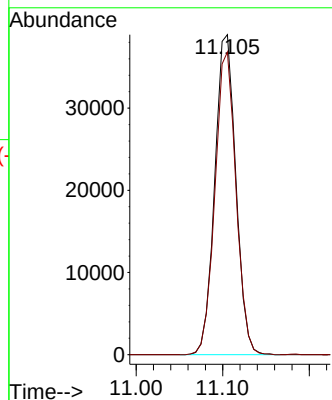
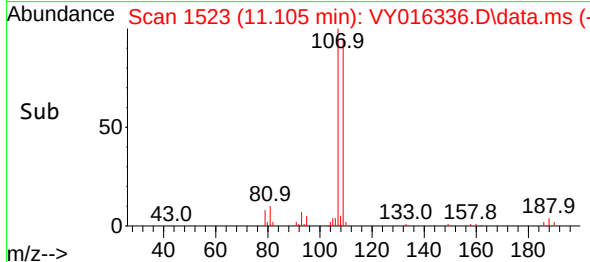
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



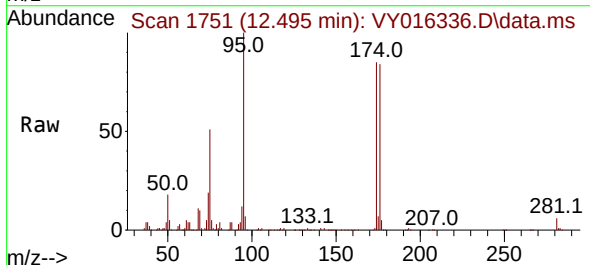
Tgt Ion:107 Resp: 65789
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
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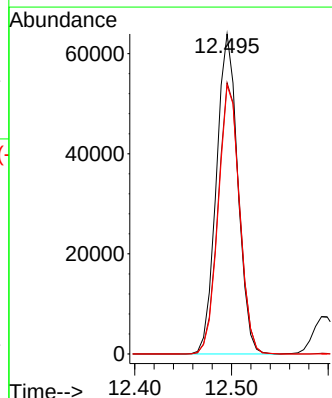
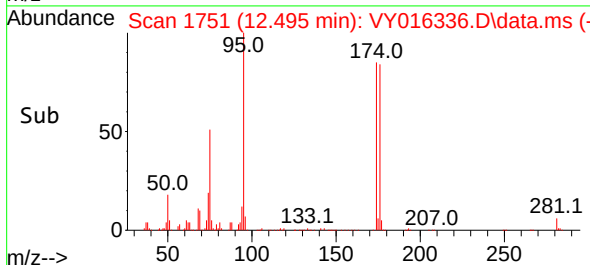
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

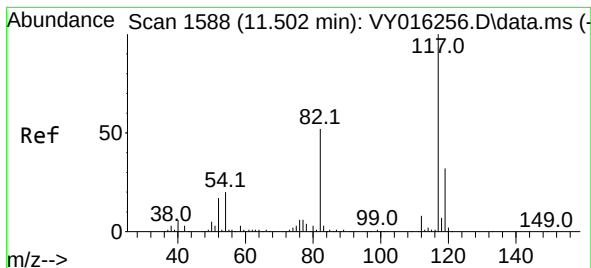


#62
4-Bromofluorobenzene
Concen: 48.226 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



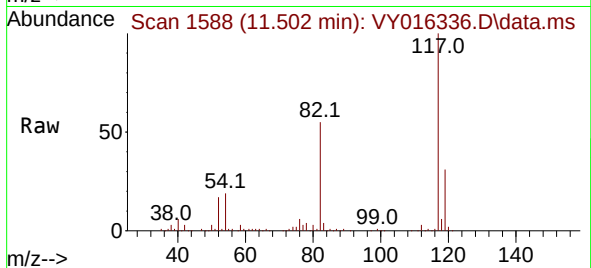
Tgt Ion: 95 Resp: 97975
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 83.4 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

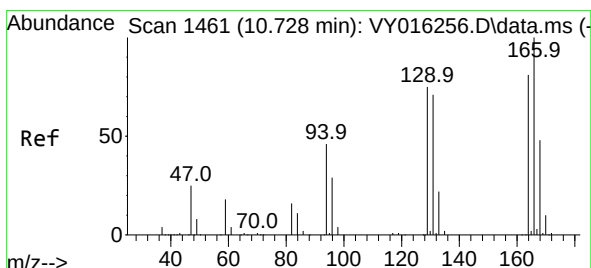
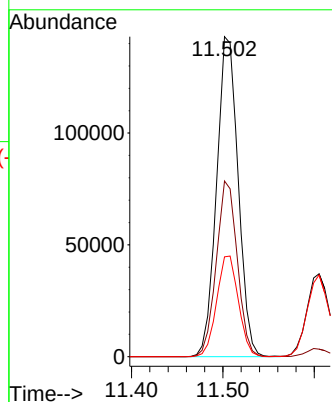
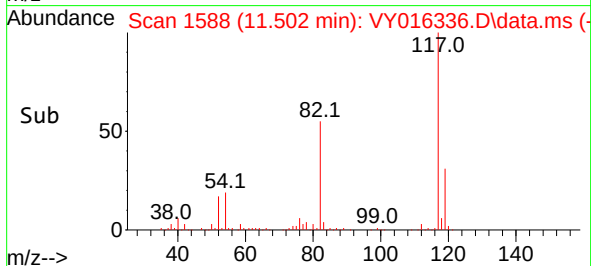
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



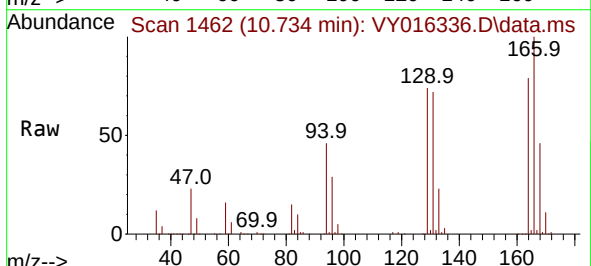
Tgt Ion:117 Resp: 234862
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 31.2 26.3 39.5

Manual Integrations
APPROVED

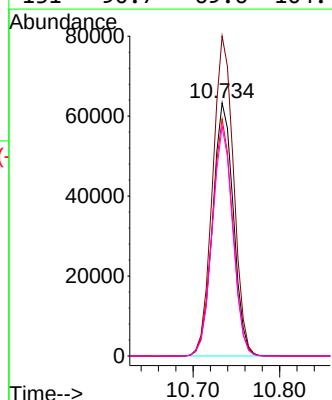
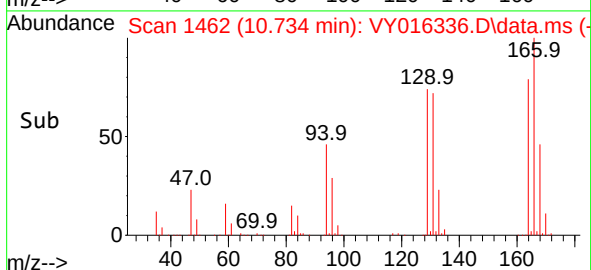
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

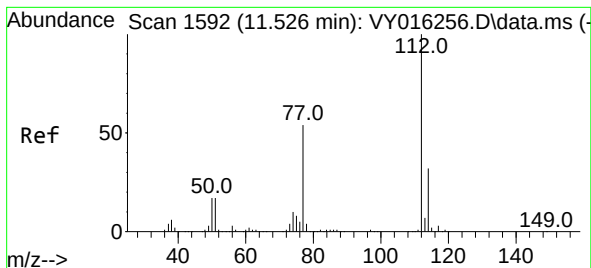


#64
Tetrachloroethene
Concen: 49.763 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



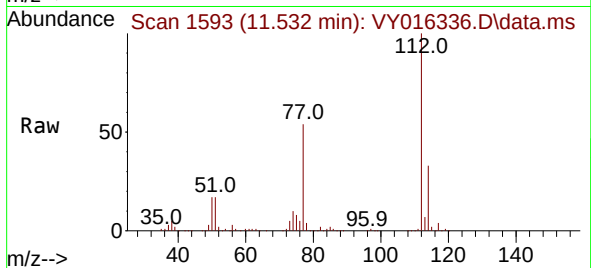
Tgt Ion:164 Resp: 104942
Ion Ratio Lower Upper
164 100
166 126.4 103.0 154.6
129 93.6 77.2 115.8
131 90.7 69.6 104.4





#65
Chlorobenzene
Concen: 49.466 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

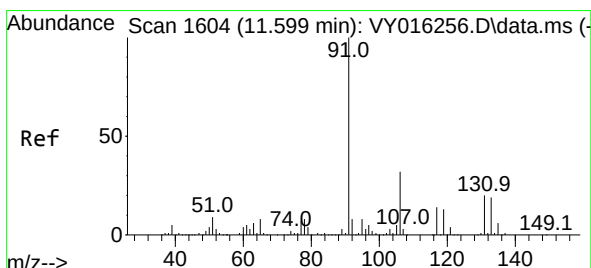
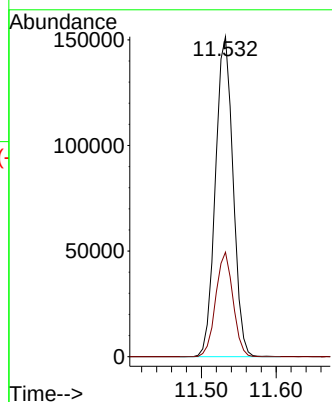
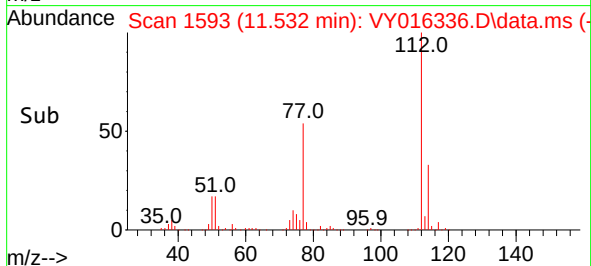
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



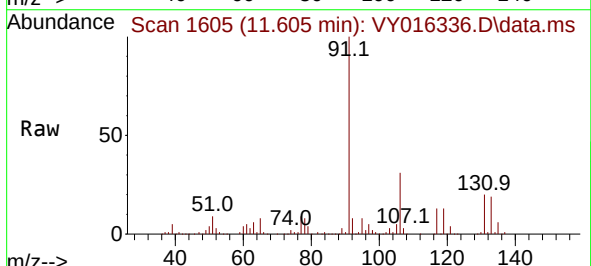
Tgt Ion:112 Resp: 24821
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
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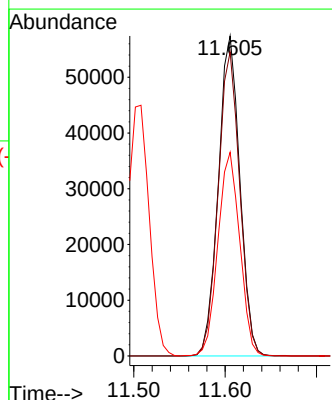
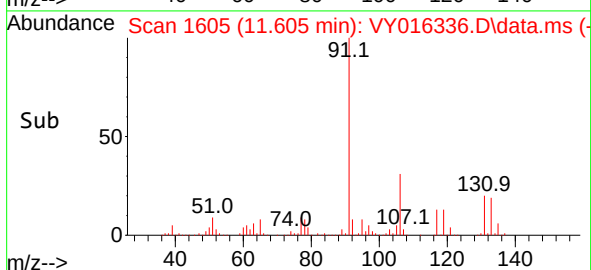
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

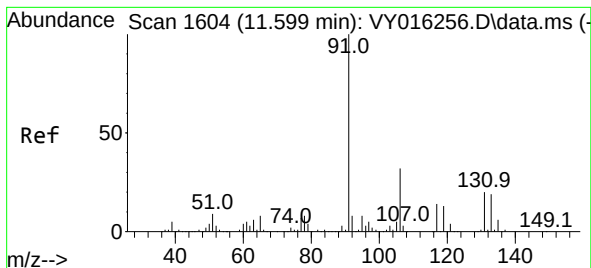


#66
1,1,1,2-Tetrachloroethane
Concen: 50.881 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion:131 Resp: 94168
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 49.412 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 44559

Ion Ratio Lower Upper

91 100

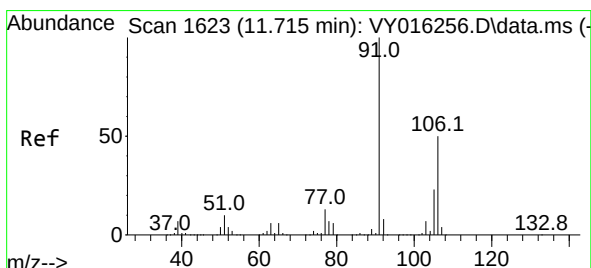
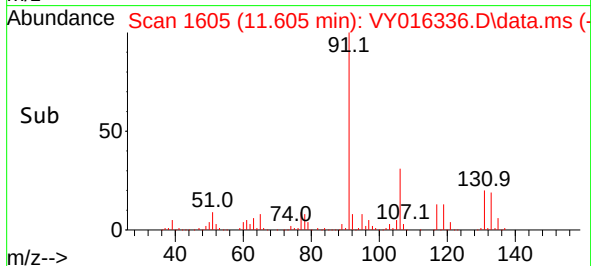
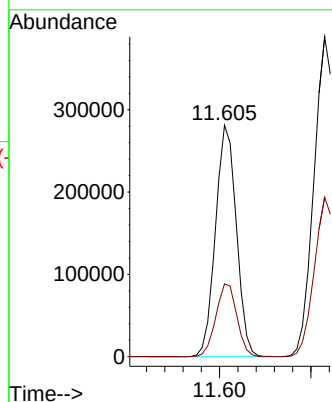
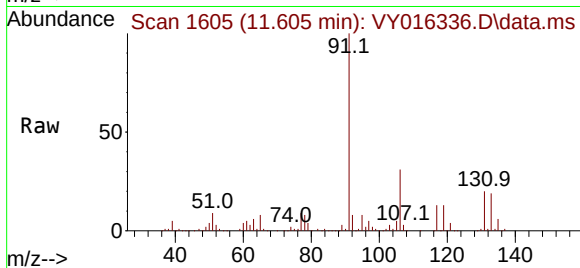
106 31.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#68

m/p-Xylenes

Concen: 99.768 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016336.D

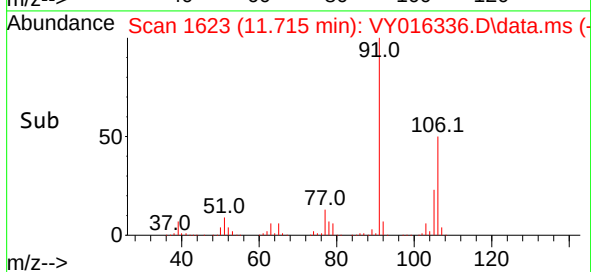
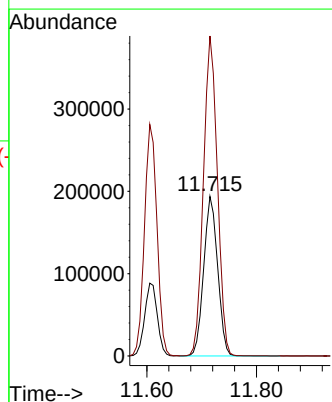
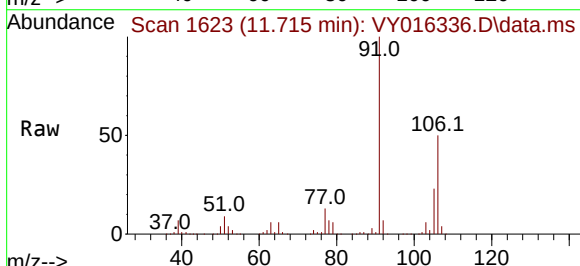
Acq: 14 Nov 2023 09:08

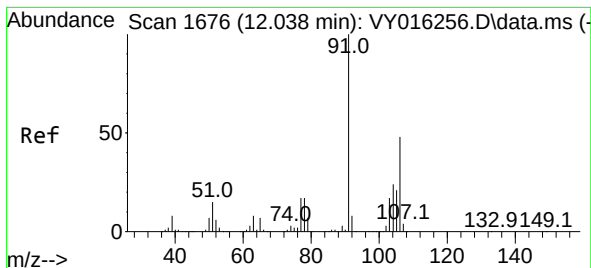
Tgt Ion:106 Resp: 341250

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1





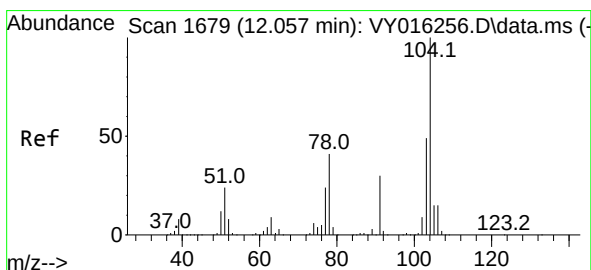
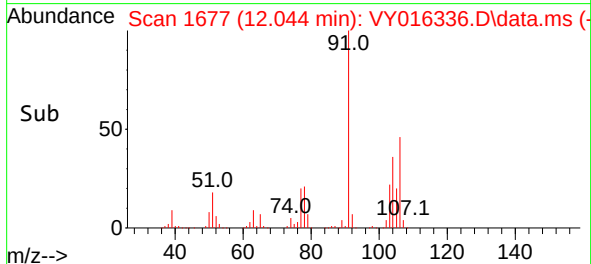
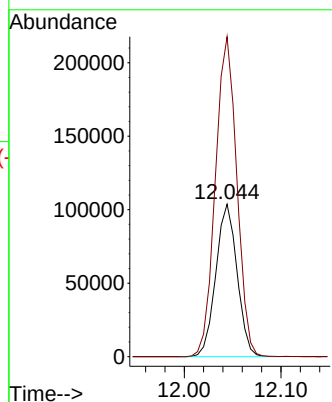
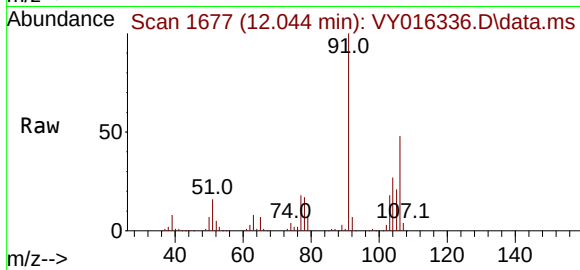
#69
o-Xylene
Concen: 49.872 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15838
Ion Ratio Lower Upper
106 100
91 211.7 108.1 324.3

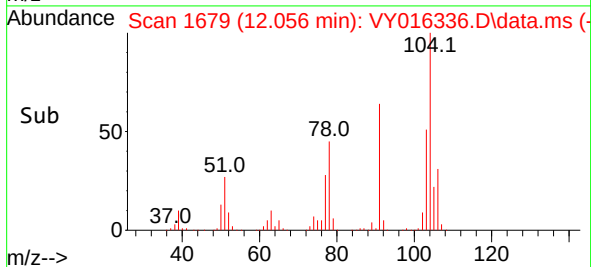
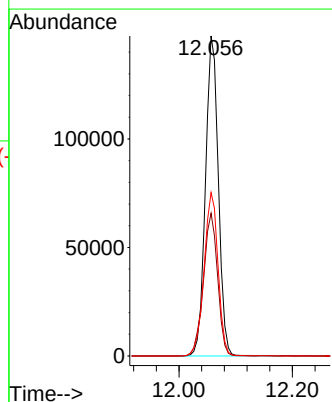
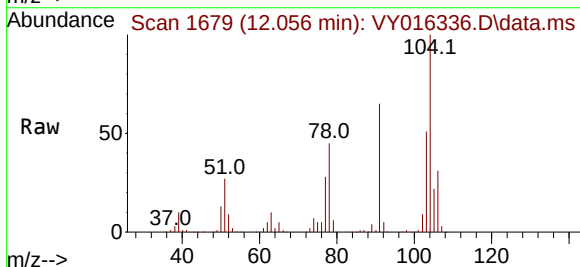
Manual Integrations
APPROVED

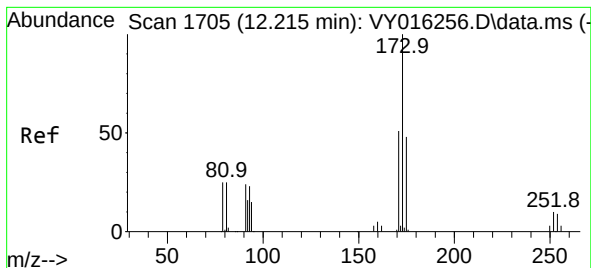
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#70
Styrene
Concen: 51.207 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion:104 Resp: 232857
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 53.699 ug/l

RT: 12.221 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 5156

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

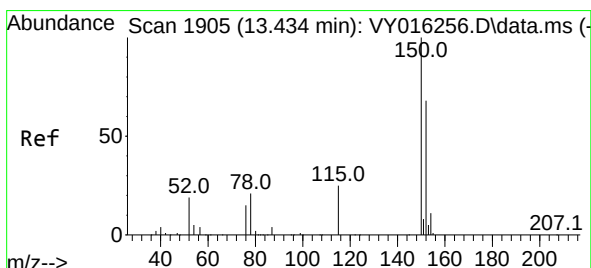
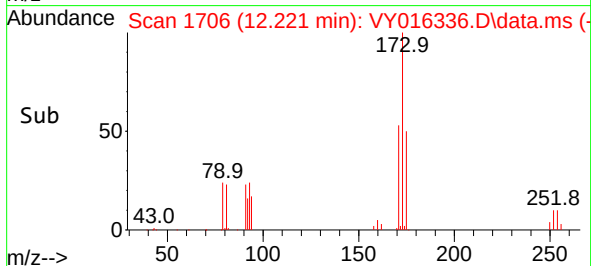
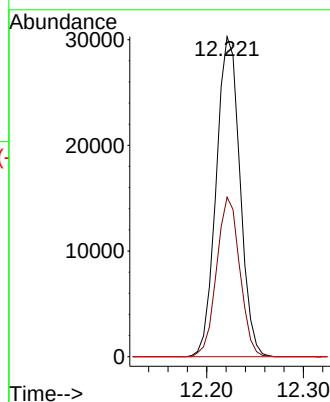
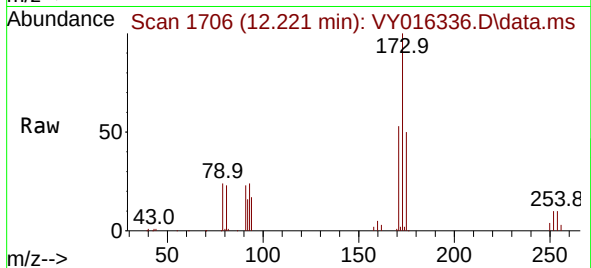
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

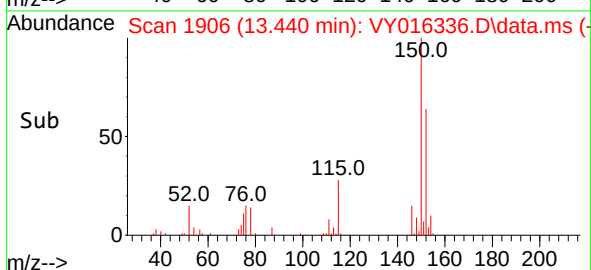
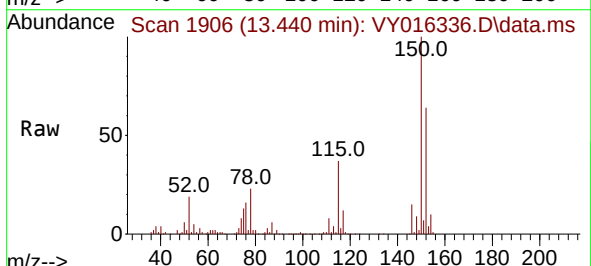
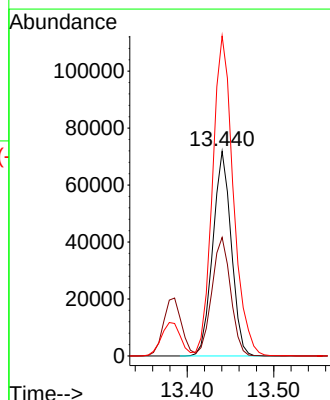
Tgt Ion:152 Resp: 106279

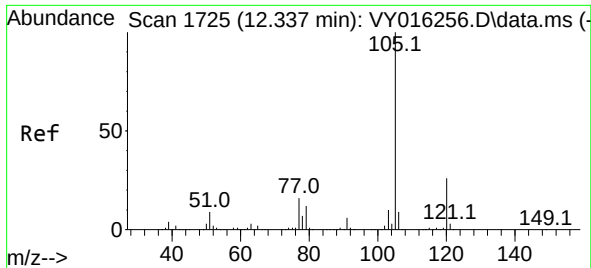
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 176.3 0.0 348.8





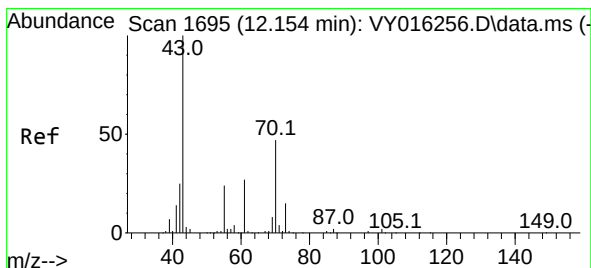
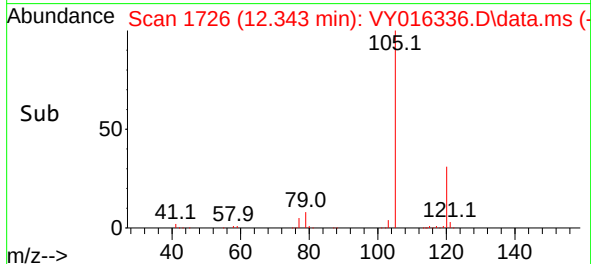
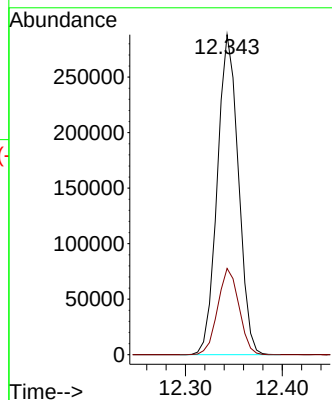
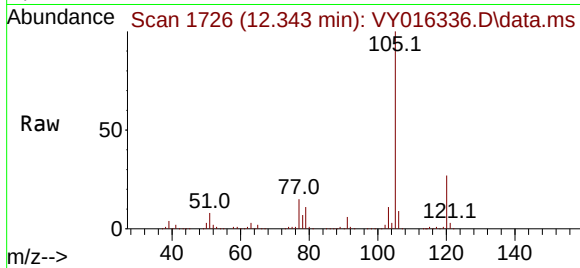
#73
Isopropylbenzene
Concen: 50.703 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 43636
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9

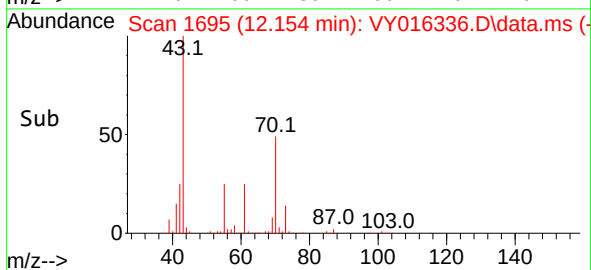
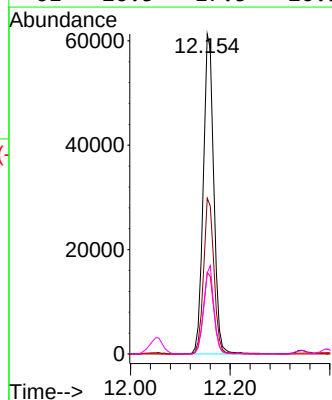
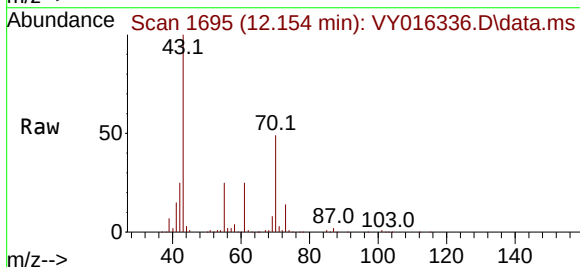
Manual Integrations
APPROVED

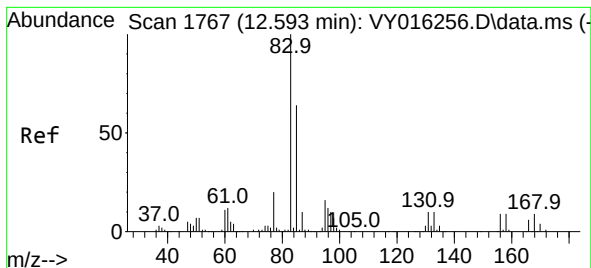
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#74
N-ethyl acetate
Concen: 51.852 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 43 Resp: 89636
Ion Ratio Lower Upper
43 100
70 48.2 29.7 44.5#
55 25.7 18.3 27.5
61 26.5 17.5 26.3#





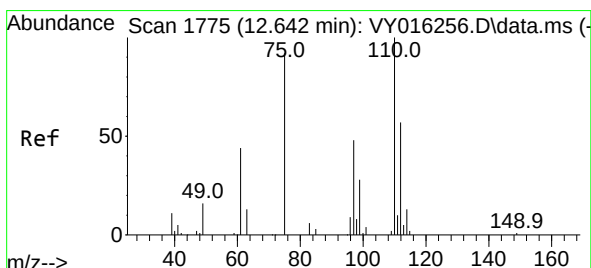
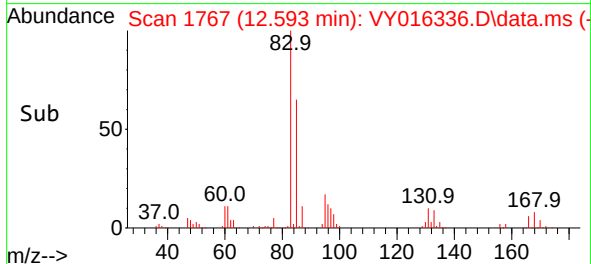
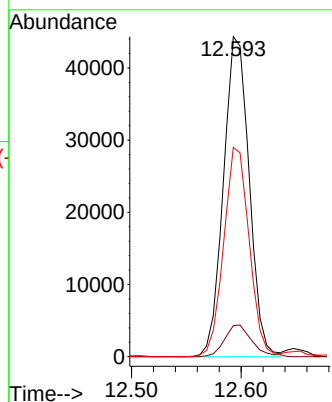
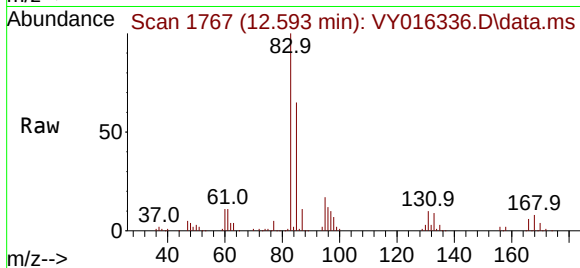
#75
1,1,2,2-Tetrachloroethane
Concen: 52.394 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

Tgt Ion: 83 Resp: 72350
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 64.9 31.8 95.4

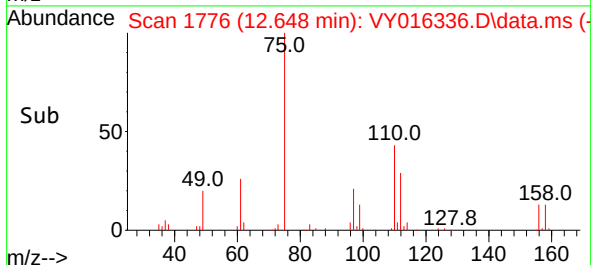
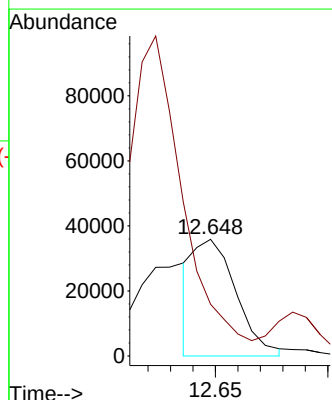
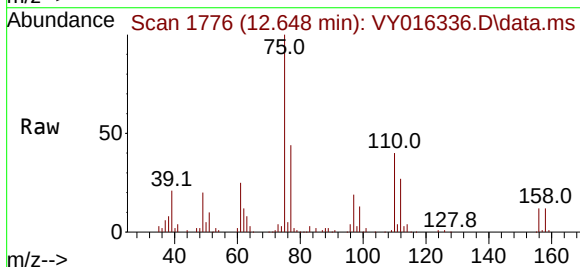
Manual Integrations
APPROVED

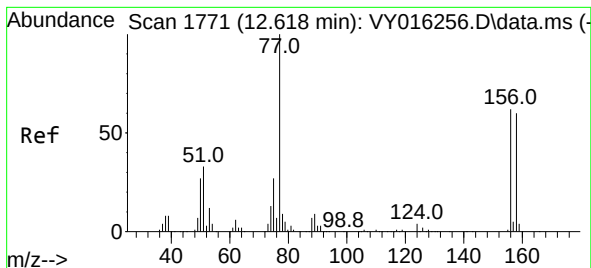
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#76
1,2,3-Trichloropropane
Concen: 46.849 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 75 Resp: 47764
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.508 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

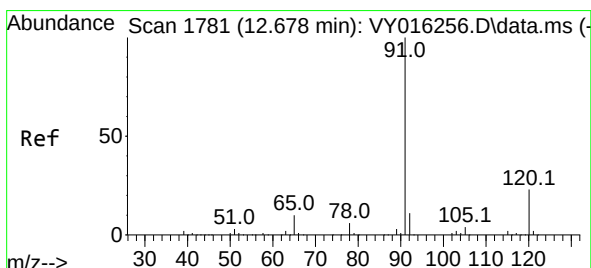
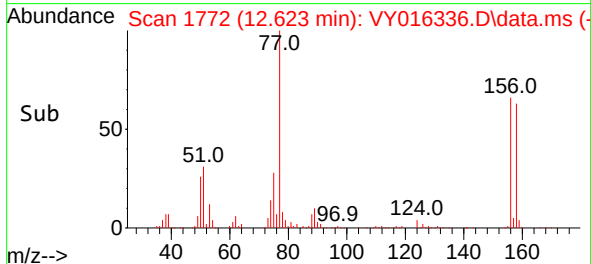
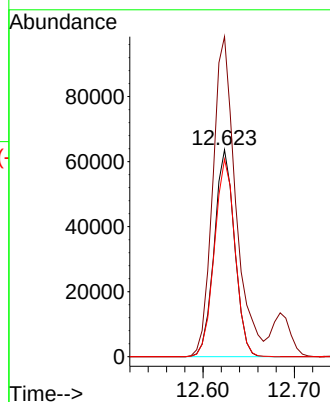
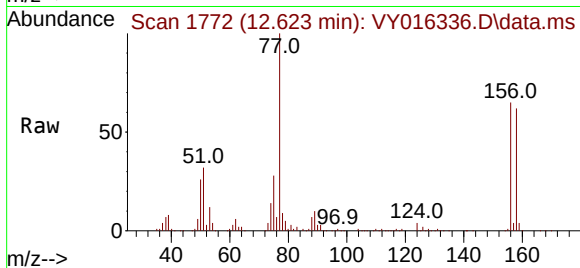
VSTDCCC050

Tgt Ion:	156	Resp:	9824
Ion Ratio	Lower	Upper	
156	100		
77	174.6	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#78

n-propylbenzene

Concen: 50.107 ug/l

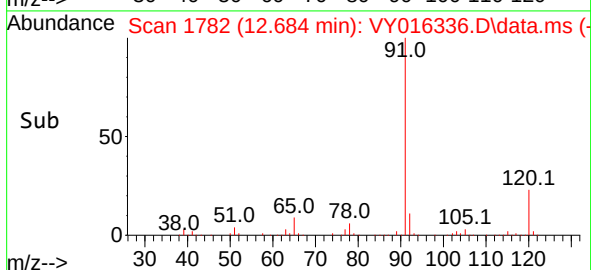
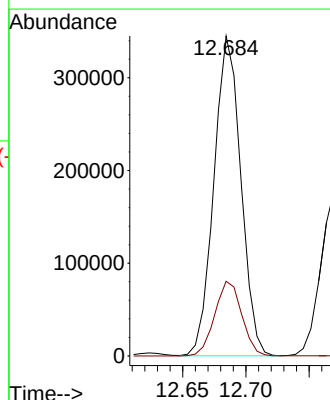
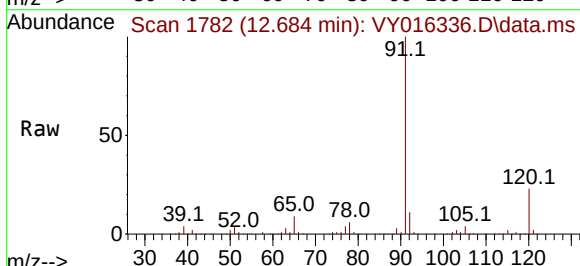
RT: 12.684 min Scan# 1782

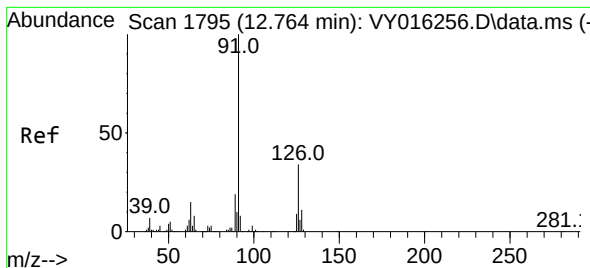
Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

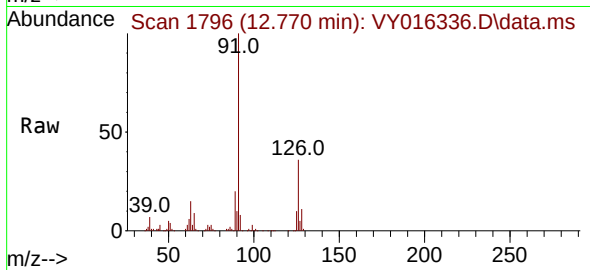
Tgt Ion:	91	Resp:	509629
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 49.956 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

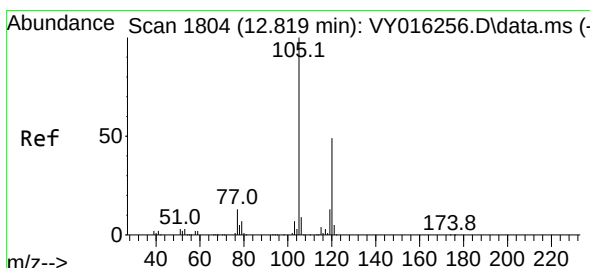
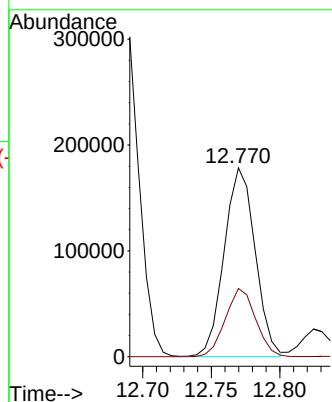
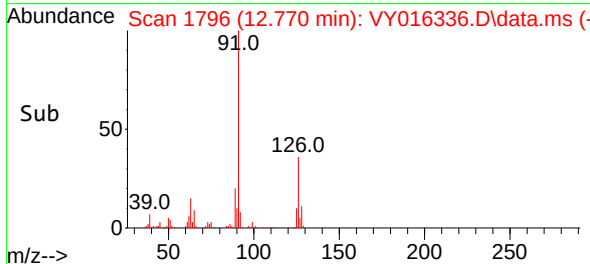
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



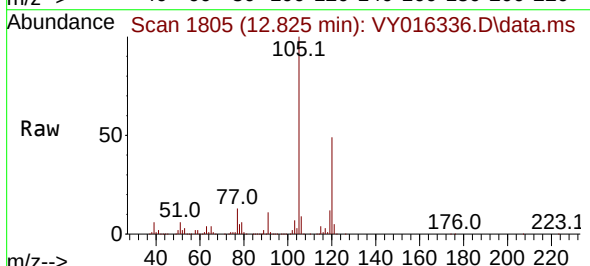
Tgt Ion: 91 Resp: 280000
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

Manual Integrations
APPROVED

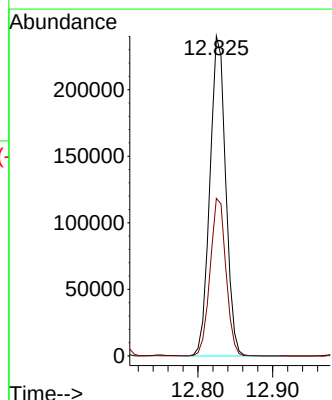
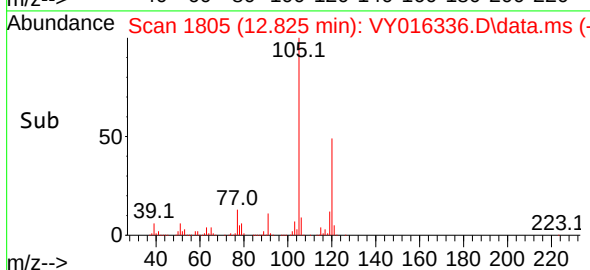
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

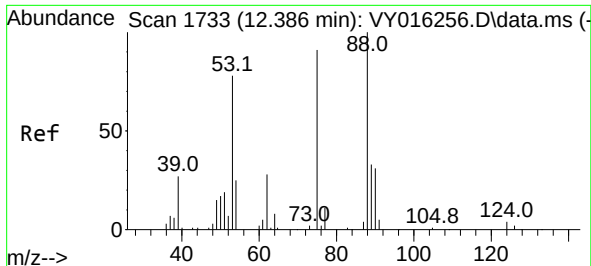


#80
1,3,5-Trimethylbenzene
Concen: 50.815 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08



Tgt Ion:105 Resp: 352597
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





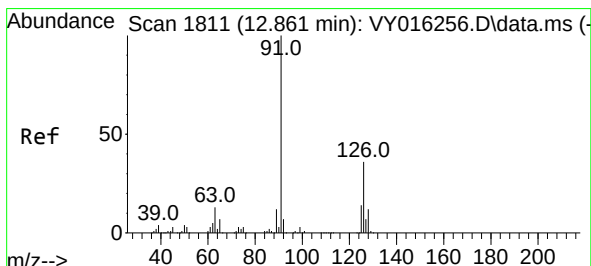
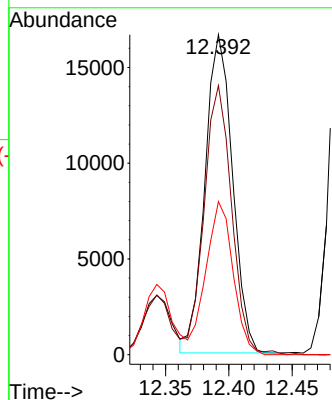
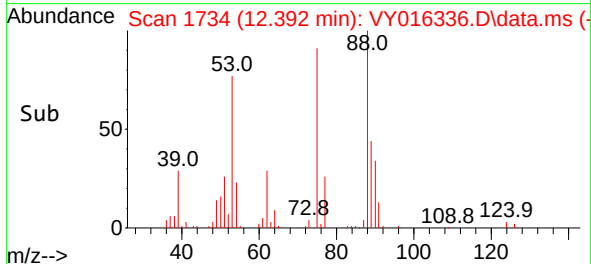
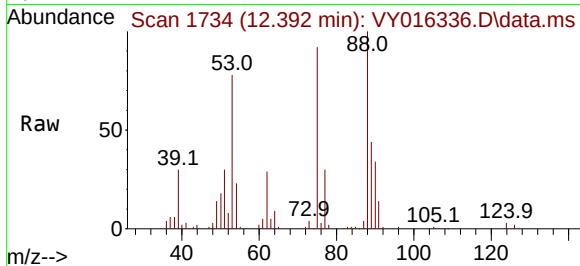
#81
trans-1,4-Dichloro-2-butene
Concen: 53.685 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25210
Ion Ratio Lower Upper
75 100
53 84.9 77.8 116.8
89 47.2 37.4 56.0

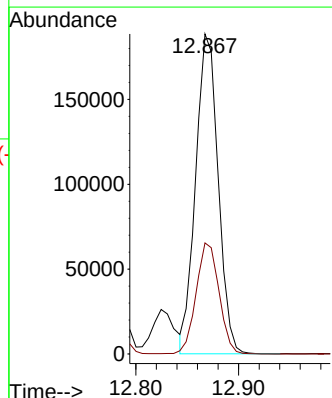
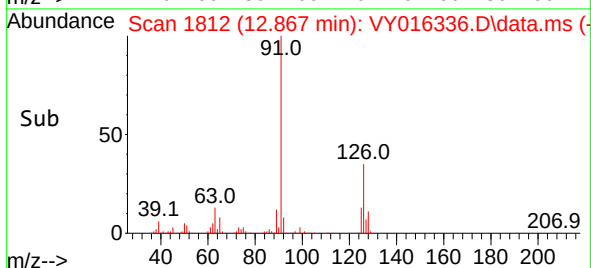
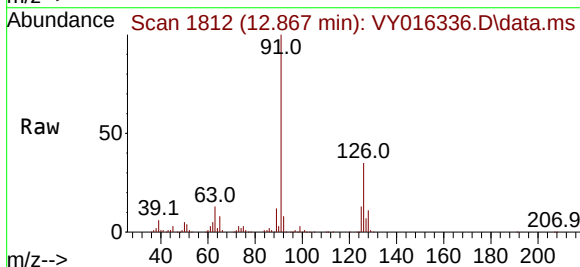
Manual Integrations
APPROVED

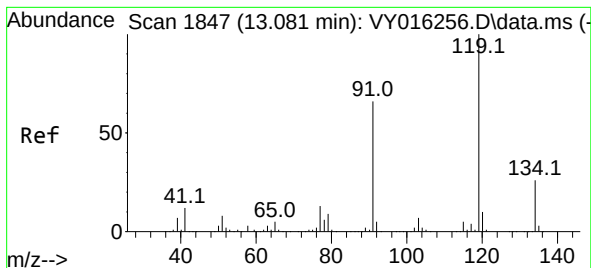
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#82
4-Chlorotoluene
Concen: 49.511 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 91 Resp: 286760
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.447 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

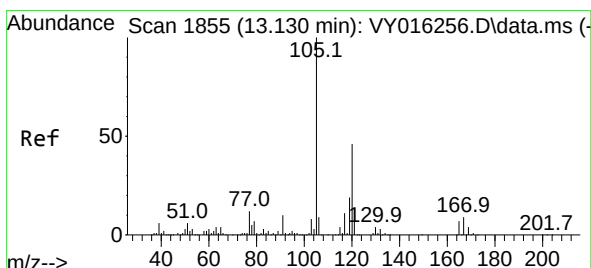
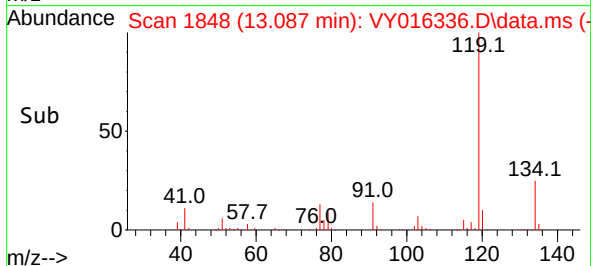
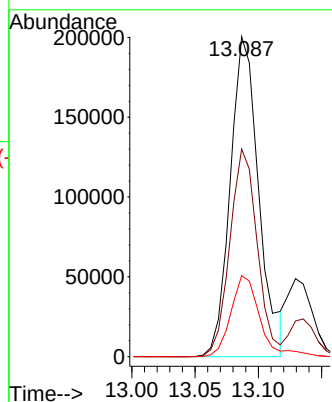
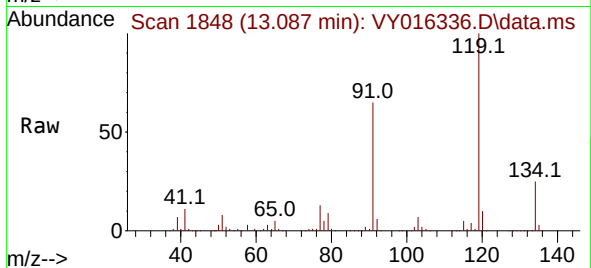
Tgt Ion:119 Resp: 314434

Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.9	98.6
134	25.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.771 ug/l

RT: 13.136 min Scan# 1856

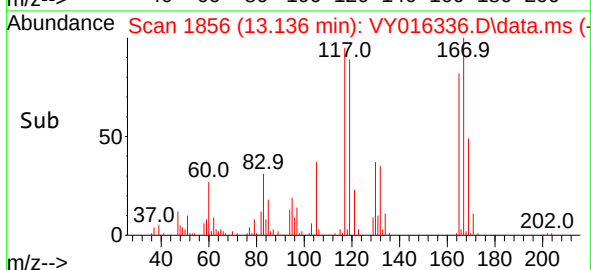
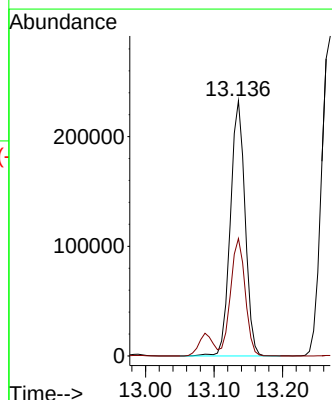
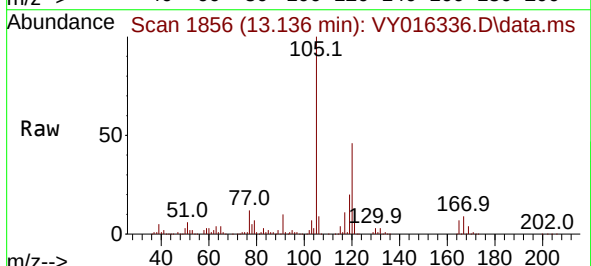
Delta R.T. 0.006 min

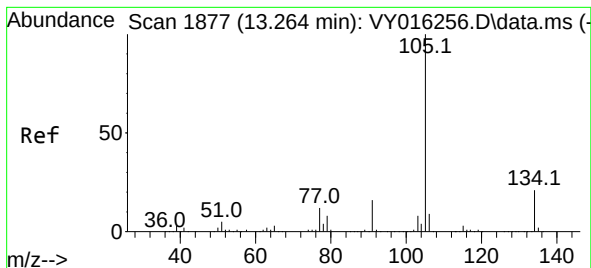
Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Tgt Ion:105 Resp: 346883

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.2	66.6





#85

sec-Butylbenzene

Concen: 50.503 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 44096

Ion Ratio Lower Upper

105 100

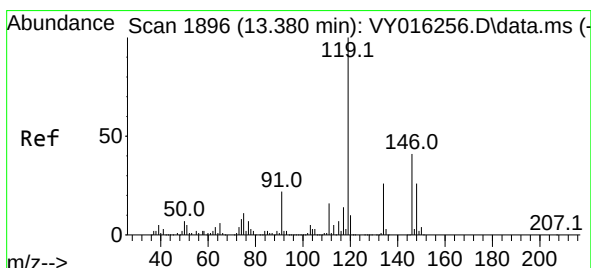
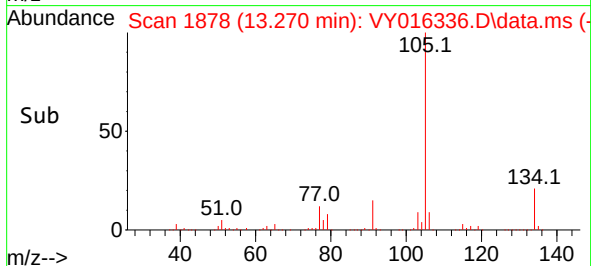
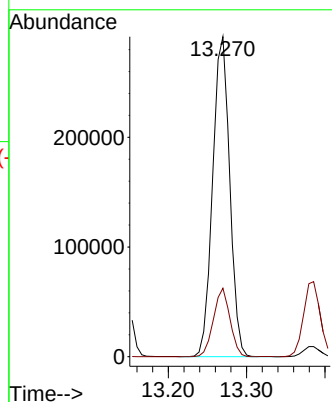
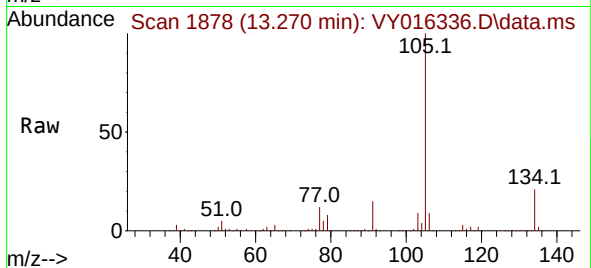
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#86

p-Isopropyltoluene

Concen: 51.057 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

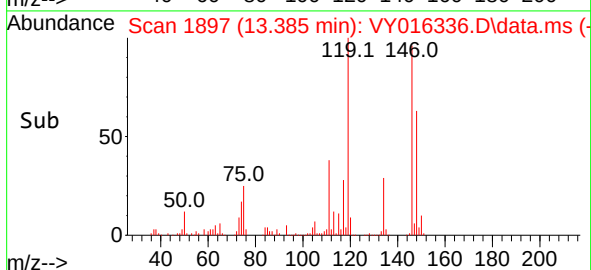
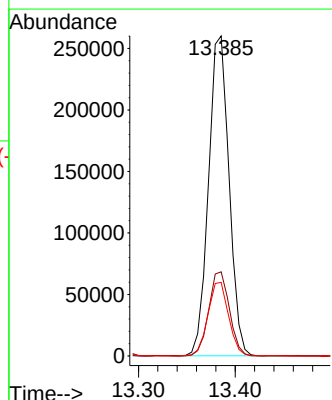
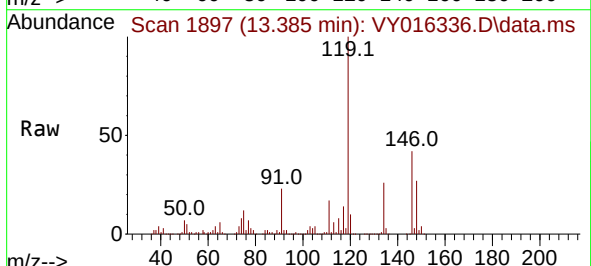
Tgt Ion:119 Resp: 383873

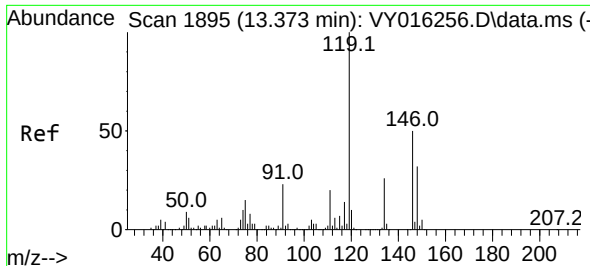
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

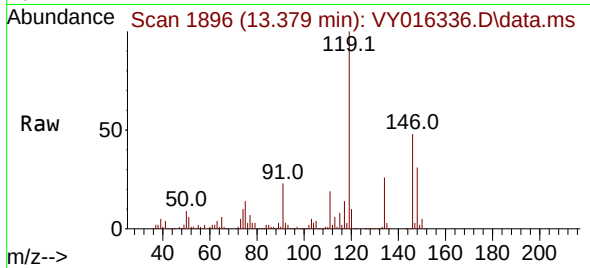
91 23.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.052 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

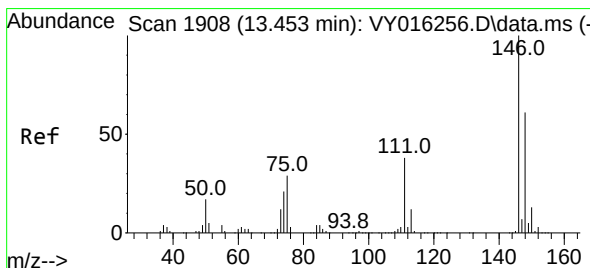
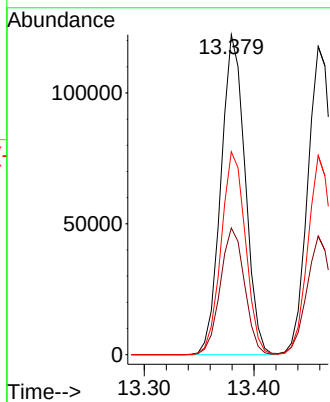
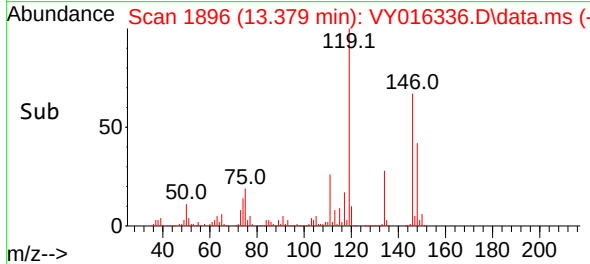
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 18730
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.8 31.9 95.5

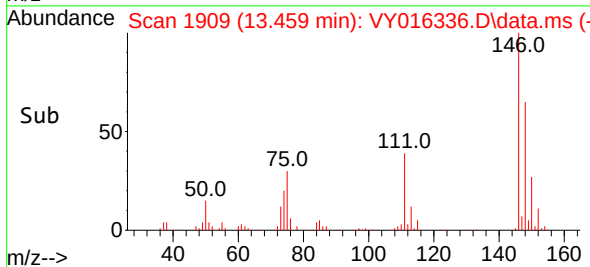
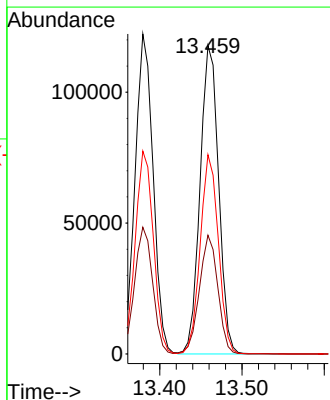
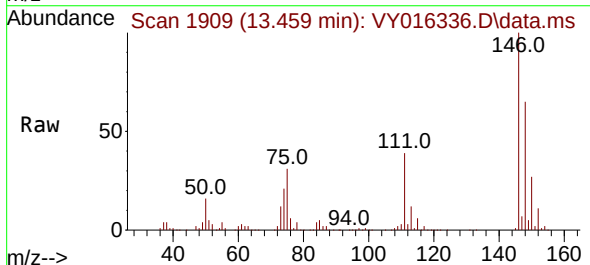
Manual Integrations
APPROVED

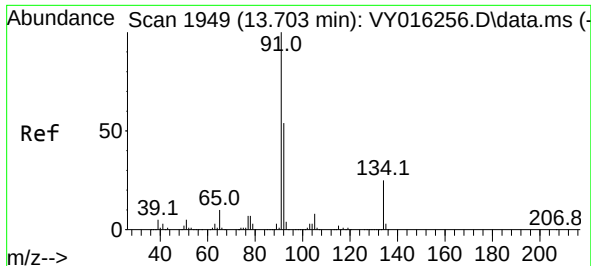
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#88
1,4-Dichlorobenzene
Concen: 50.518 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion:146 Resp: 184756
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 51.335 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

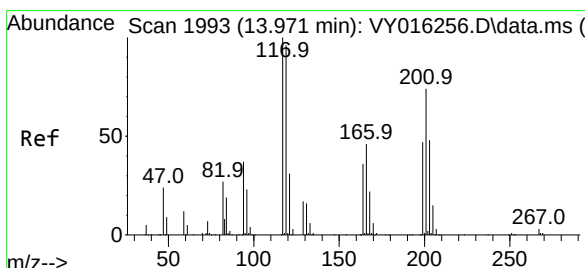
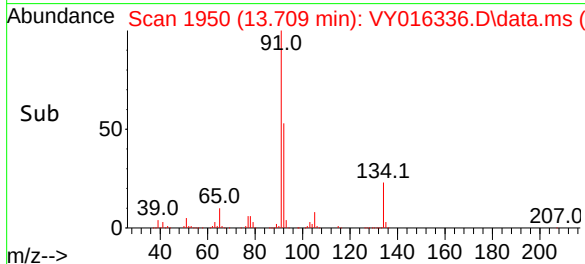
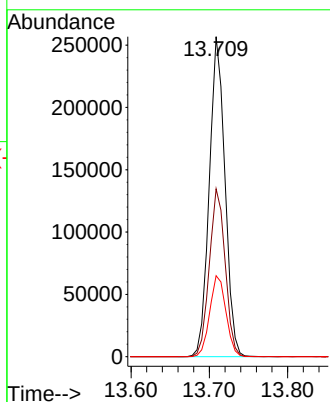
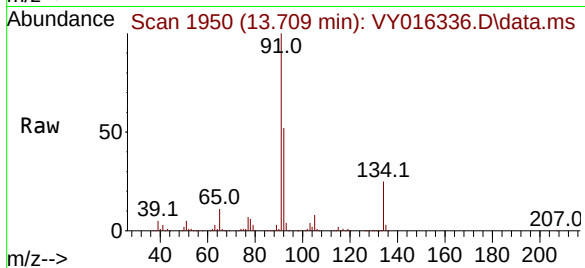
VSTDCCC050

Tgt Ion: 91	Resp: 356434
Ion Ratio	Lower Upper
91	100
92	53.0 25.4 76.0
134	26.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#90

Hexachloroethane

Concen: 50.131 ug/l

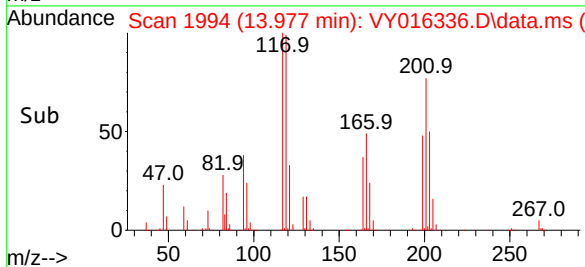
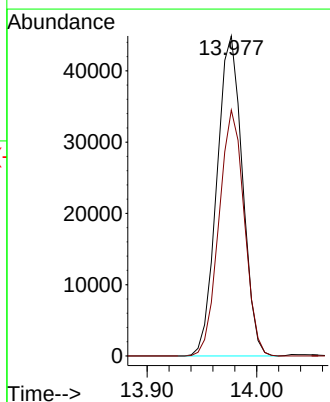
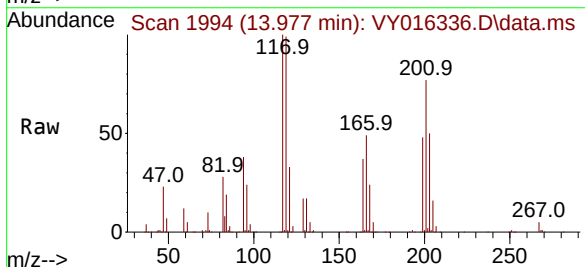
RT: 13.977 min Scan# 1994

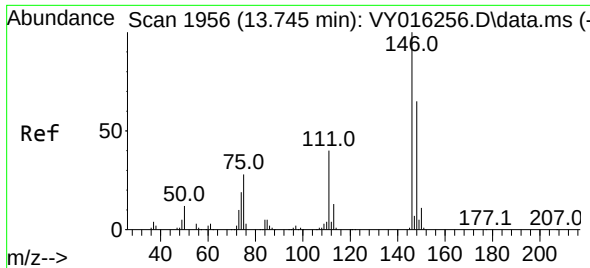
Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

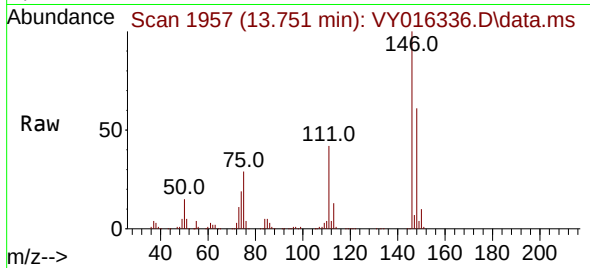
Tgt Ion:117	Resp: 72706
Ion Ratio	Lower Upper
117	100
201	76.1 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 50.731 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

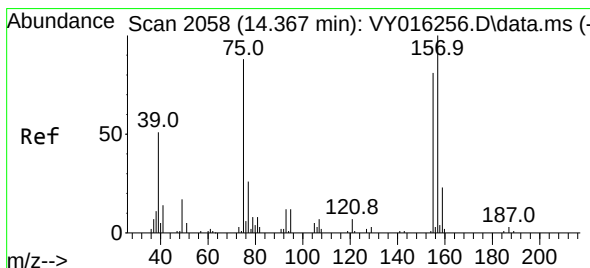
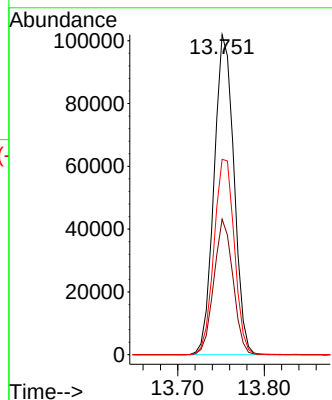
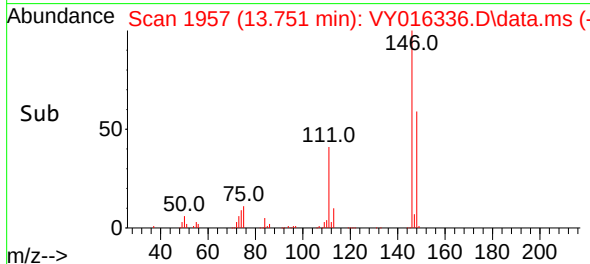
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 162679
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 62.5 32.0 96.2

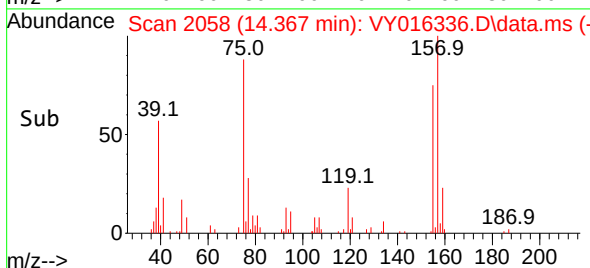
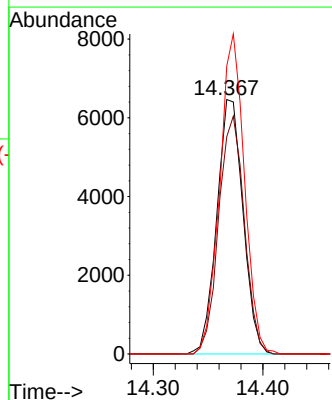
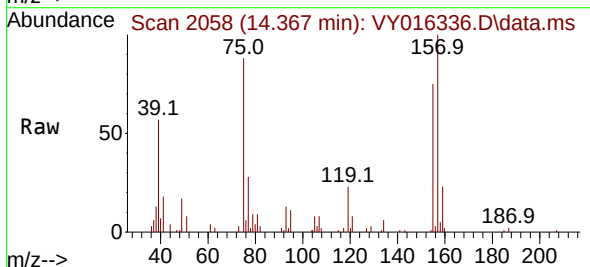
Manual Integrations
APPROVED

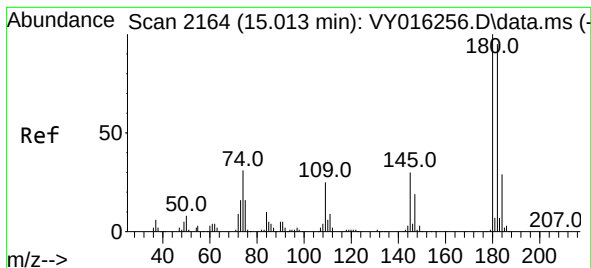
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.817 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016336.D
Acq: 14 Nov 2023 09:08

Tgt Ion: 75 Resp: 10726
Ion Ratio Lower Upper
75 100
155 91.4 41.5 124.6
157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.194 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

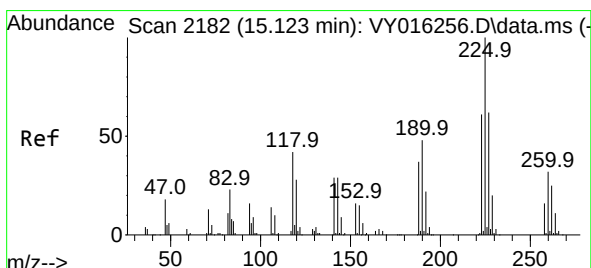
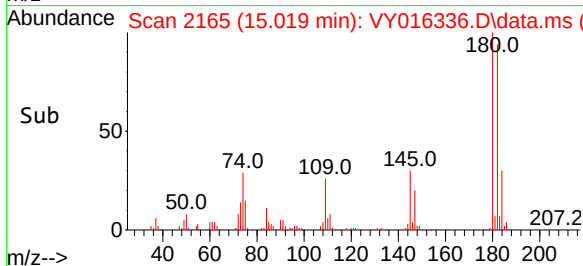
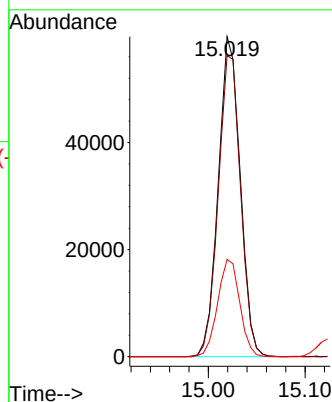
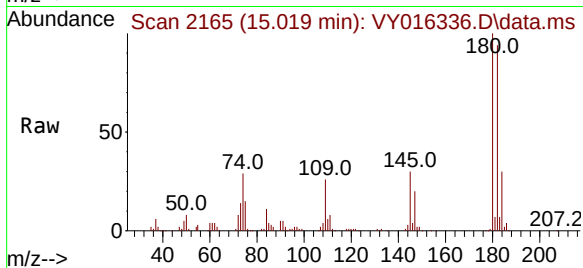
VSTDCCC050

Tgt Ion:180	Resp:	9395
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.0 141.2
145	30.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#94

Hexachlorobutadiene

Concen: 50.331 ug/l

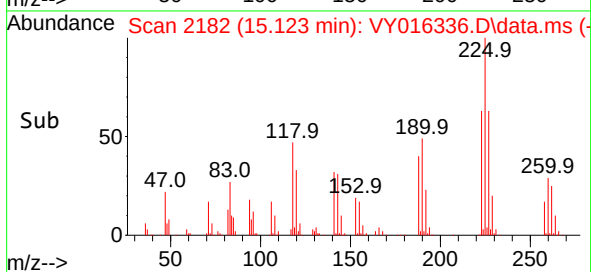
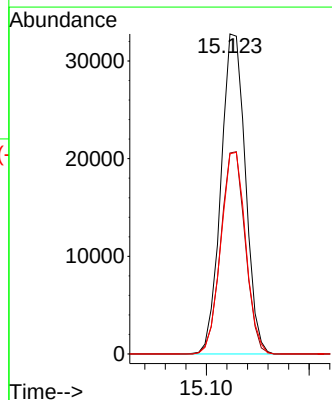
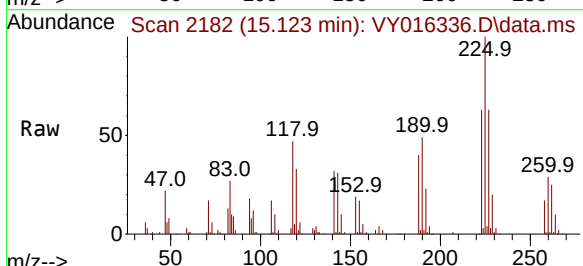
RT: 15.123 min Scan# 2182

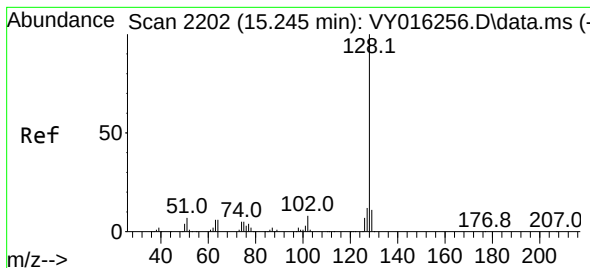
Delta R.T. -0.000 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Tgt Ion:225	Resp:	53972
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.9 95.9
227	63.9	33.0 98.9





#95

Naphthalene

Concen: 52.251 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Instrument :

MSVOA_Y

ClientSampleId :

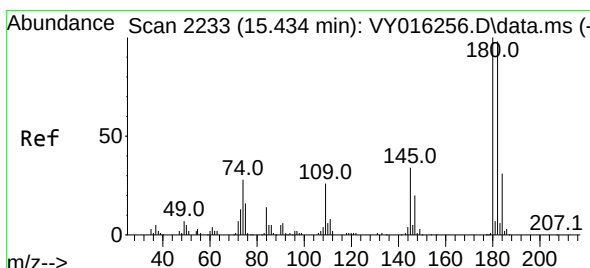
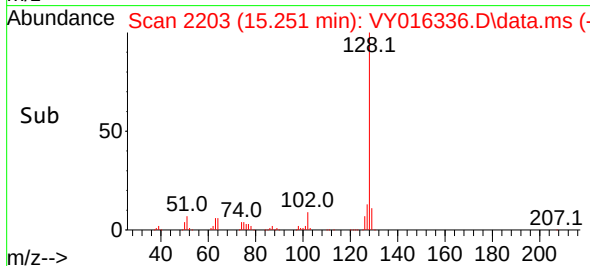
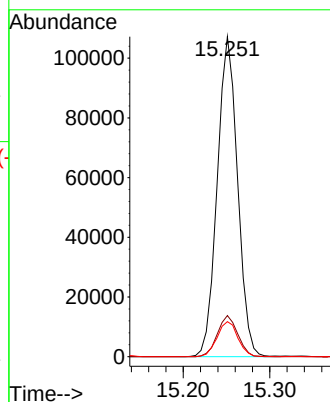
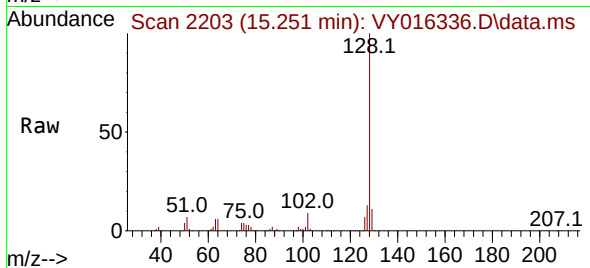
VSTDCCC050

Tgt Ion:128	Resp: 174919
Ion Ratio	Lower Upper
128 100	
127 12.8	10.8 16.2
129 11.3	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.700 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016336.D

Acq: 14 Nov 2023 09:08

Tgt Ion:180	Resp: 78492
Ion Ratio	Lower Upper
180 100	
182 94.9	47.3 141.8
145 31.8	15.4 46.2

