

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006738.D
 Acq On : 15 Nov 2021 18:11
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 16 04:22:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	133803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84555	48.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.722	113	62001	46.367	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.185	98	254212	45.941	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.483	95	87611	46.965	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24567	19.119	ug/l	96
3) Chloromethane	2.119	50	38939	20.143	ug/l	99
4) Vinyl Chloride	2.260	62	40208	20.487	ug/l	95
5) Bromomethane	2.644	94	22219	21.247	ug/l	99
6) Chloroethane	2.796	64	21494	17.902	ug/l	97
7) Trichlorofluoromethane	3.131	101	46519	18.913	ug/l	95
8) Diethyl Ether	3.534	74	17676	21.578	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	24870	19.039	ug/l	99
10) Methyl Iodide	4.101	142	34995	21.432	ug/l	97
11) Tert butyl alcohol	4.954	59	32524	123.324	ug/l #	78
12) 1,1-Dichloroethene	3.887	96	25668	19.812	ug/l	94
13) Acrolein	3.741	56	5070	137.425	ug/l	94
14) Allyl chloride	4.491	41	60497	20.731	ug/l	95
15) Acrylonitrile	5.174	53	52213	110.508	ug/l	99
16) Acetone	3.954	43	53238	99.920	ug/l	96
17) Carbon Disulfide	4.204	76	88646	19.384	ug/l	99
18) Methyl Acetate	4.485	43	40610	23.545	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	86551	21.194	ug/l	100
20) Methylene Chloride	4.729	84	33846	19.179	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	29224	19.745	ug/l	92
22) Diisopropyl ether	6.131	45	121406	21.086	ug/l	96
23) Vinyl Acetate	6.070	43	375509	108.002	ug/l	98
24) 1,1-Dichloroethane	6.027	63	59608	20.283	ug/l	98
25) 2-Butanone	6.997	43	76966	106.276	ug/l	96
26) 2,2-Dichloropropane	6.990	77	51027	19.215	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	33571	20.083	ug/l	95
28) Bromochloromethane	7.344	49	31148	22.532	ug/l	88
29) Tetrahydrofuran	7.356	42	51245	115.897	ug/l	92
30) Chloroform	7.515	83	56793	20.102	ug/l	100
31) Cyclohexane	7.795	56	59752	19.386	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	50244	19.297	ug/l	97
36) 1,1-Dichloropropene	7.929	75	44133	18.651	ug/l	99
37) Ethyl Acetate	7.082	43	35623	22.517	ug/l	99
38) Carbon Tetrachloride	7.911	117	44376	18.335	ug/l	100
39) Methylcyclohexane	9.191	83	53176	18.426	ug/l	96
40) Benzene	8.167	78	128356	19.269	ug/l	97

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Quant Time: Nov 16 04:22:22 2021
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 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	31156m	23.454	ug/l	
42) 1,2-Dichloroethane	8.246	62	44652	20.120	ug/l	99
43) Isopropyl Acetate	8.283	43	62323	21.001	ug/l	99
44) Trichloroethene	8.947	130	30880	19.056	ug/l	98
45) 1,2-Dichloropropane	9.222	63	33460	19.469	ug/l	100
46) Dibromomethane	9.313	93	17815	19.902	ug/l	96
47) Bromodichloromethane	9.502	83	44513	19.581	ug/l	99
48) Methyl methacrylate	9.301	41	28411	20.206	ug/l	95
49) 1,4-Dioxane	9.301	88	4066	395.860	ug/l #	85
51) 4-Methyl-2-Pentanone	10.075	43	169808	108.628	ug/l	98
52) Toluene	10.246	92	77006	19.037	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	49286	19.946	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	54627	19.712	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	24439	20.451	ug/l	95
56) Ethyl methacrylate	10.514	69	38596	20.778	ug/l	97
57) 1,3-Dichloropropane	10.795	76	45028	20.649	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	109936	108.100	ug/l	96
59) 2-Hexanone	10.837	43	116539	115.734	ug/l	98
60) Dibromochloromethane	10.990	129	28578	19.509	ug/l	98
61) 1,2-Dibromoethane	11.093	107	22481	20.305	ug/l	100
64) Tetrachloroethene	10.721	164	27222	18.505	ug/l	97
65) Chlorobenzene	11.520	112	78937	19.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	29614	19.335	ug/l	99
67) Ethyl Benzene	11.599	91	143885	18.534	ug/l	98
68) m/p-Xylenes	11.709	106	110697	37.415	ug/l	97
69) o-Xylene	12.032	106	53933	19.243	ug/l	96
70) Styrene	12.050	104	89849	18.981	ug/l	99
71) Bromoform	12.215	173	19105	20.608	ug/l #	99
73) Isopropylbenzene	12.331	105	144746	19.393	ug/l	99
74) N-amyl acetate	12.148	43	49301	20.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	30494	22.082	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17920m	16.817	ug/l	
77) Bromobenzene	12.611	156	32145	18.911	ug/l	91
78) n-propylbenzene	12.672	91	177739	19.534	ug/l	98
79) 2-Chlorotoluene	12.758	91	98303	19.743	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	118368	19.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11561	21.498	ug/l	95
82) 4-Chlorotoluene	12.855	91	104030	19.987	ug/l	98
83) tert-Butylbenzene	13.081	119	101835	19.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	118728	19.440	ug/l	99
85) sec-Butylbenzene	13.258	105	154071	19.472	ug/l	99
86) p-Isopropyltoluene	13.373	119	127193	18.990	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64141	18.947	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	64410	19.281	ug/l	98
89) n-Butylbenzene	13.697	91	124800	19.746	ug/l	99
90) Hexachloroethane	13.965	117	22951	19.013	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	56854	19.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5596	22.924	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	36639	19.197	ug/l	100
94) Hexachlorobutadiene	15.117	225	22249	17.865	ug/l	99
95) Naphthalene	15.239	128	72609	20.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31364	19.720	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

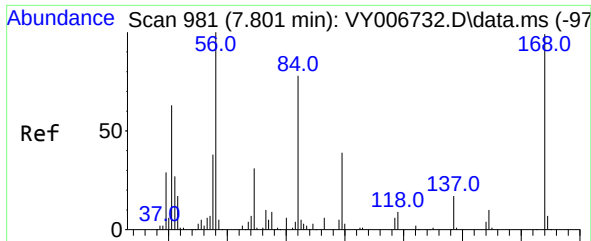
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 04:22:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

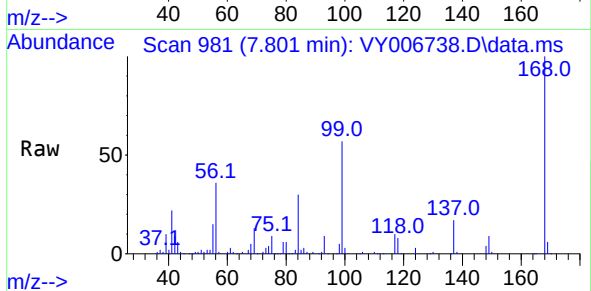
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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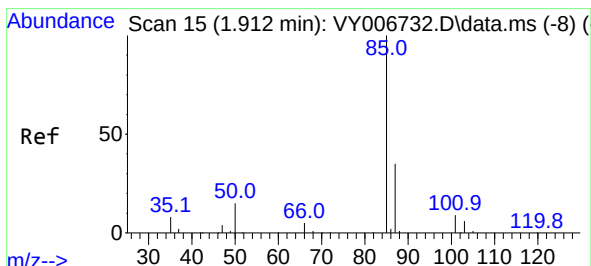
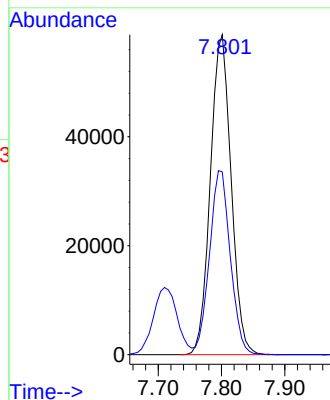
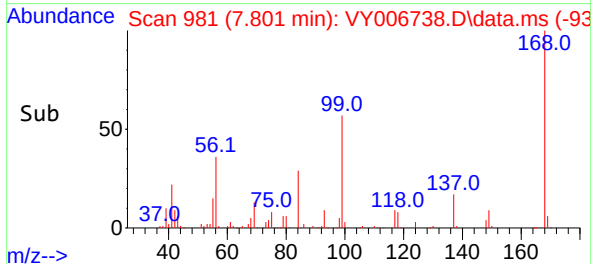
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion:168 Resp: 13380
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2

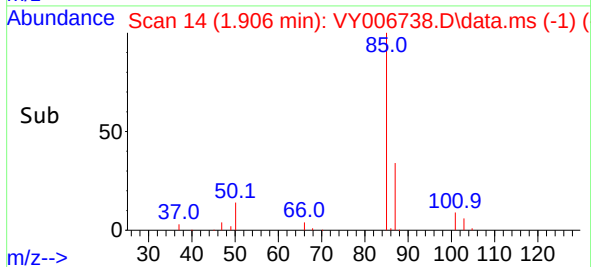
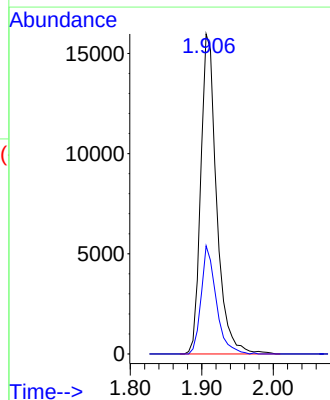
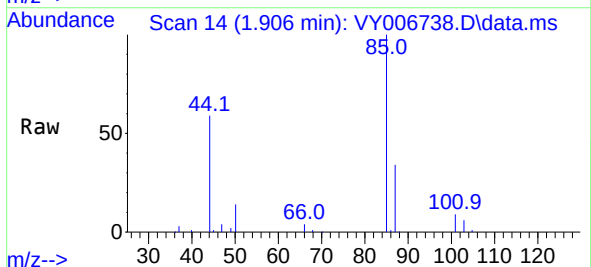
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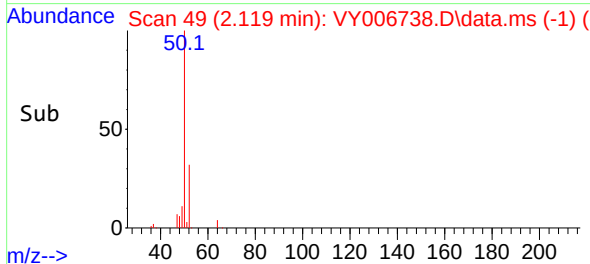
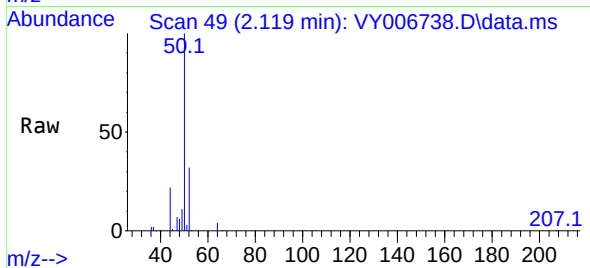
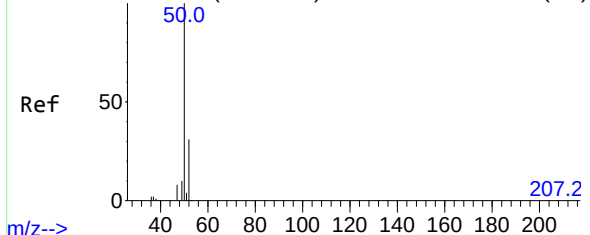


#2
Dichlorodifluoromethane
Concen: 19.119 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 85 Resp: 24567
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.3



Abundance Scan 49 (2.119 min): VY006732.D\data.ms (-42)



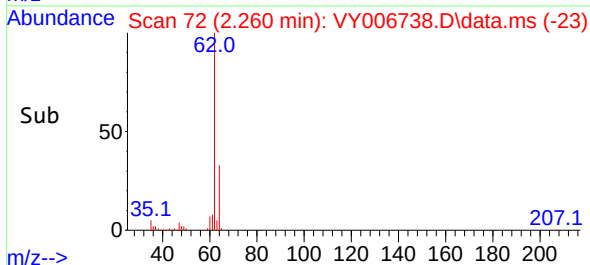
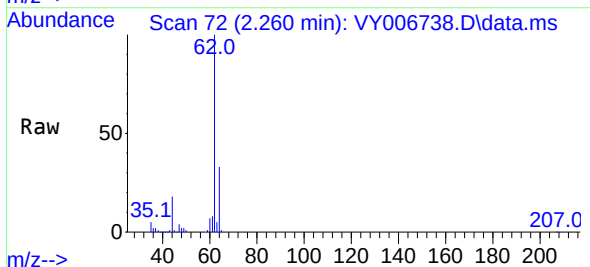
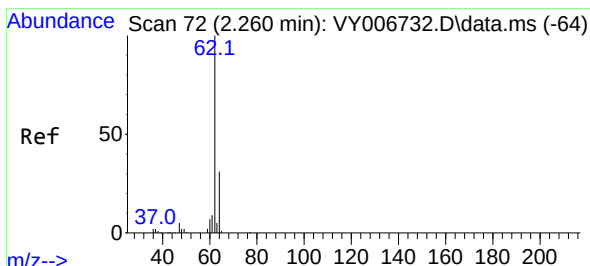
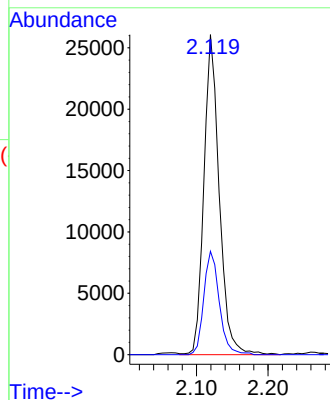
#3
Chloromethane
Concen: 20.143 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
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ClientSampleId :
VY1115SBS01

Tgt Ion: 50 Resp: 38939
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2

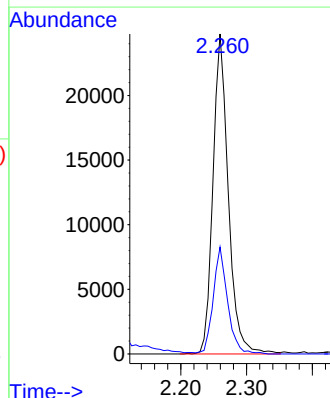
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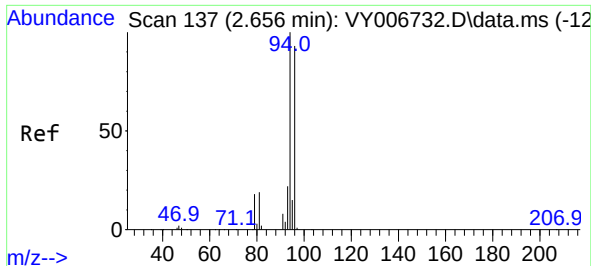
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Vinyl Chloride
Concen: 20.487 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

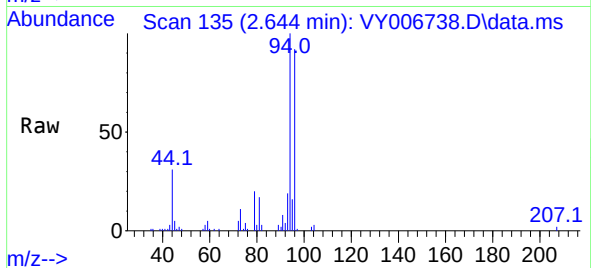
Tgt Ion: 62 Resp: 40208
Ion Ratio Lower Upper
62 100
64 33.4 24.7 37.1





#5
Bromomethane
Concen: 21.247 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

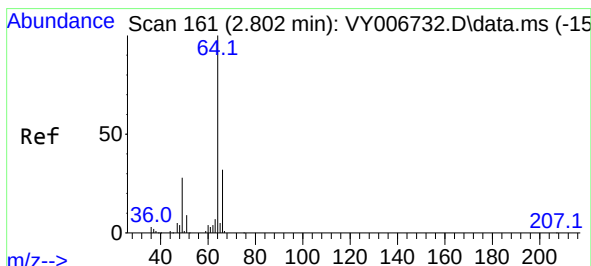
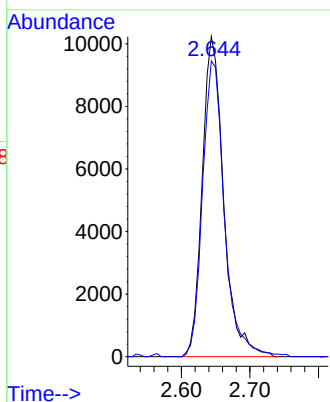
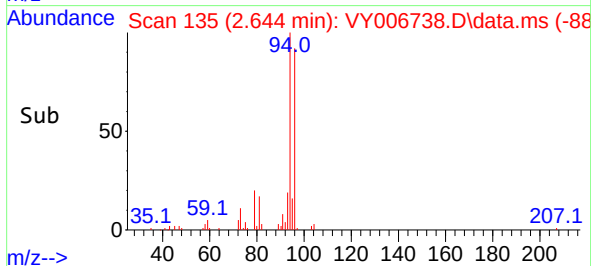
Instrument :
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Tgt Ion: 94 Resp: 22219
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3

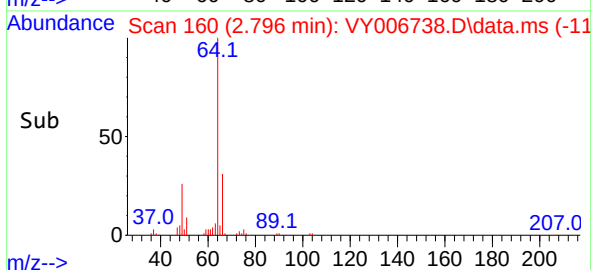
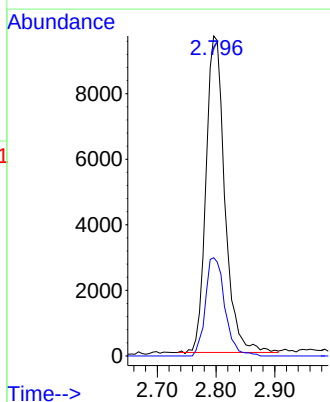
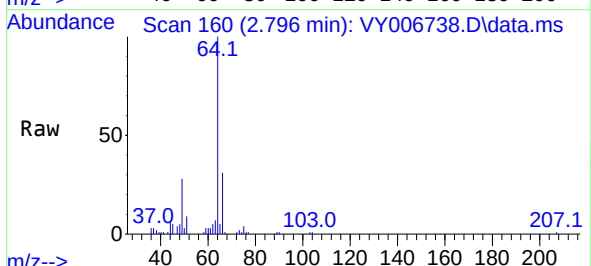
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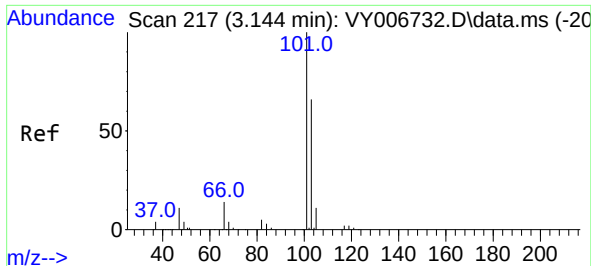
Reviewed By :Vimala Arumugam 11/16/2021
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#6
Chloroethane
Concen: 17.902 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 64 Resp: 21494
Ion Ratio Lower Upper
64 100
66 31.1 23.8 35.6





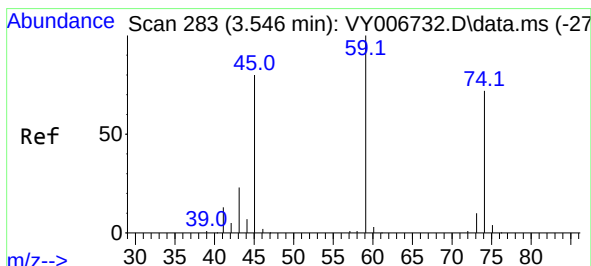
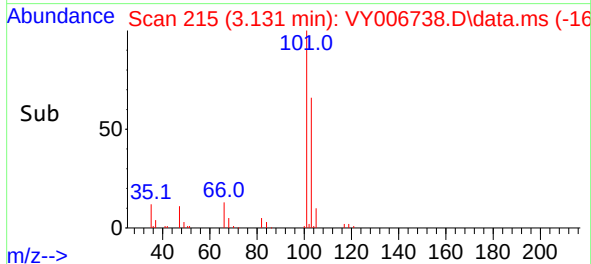
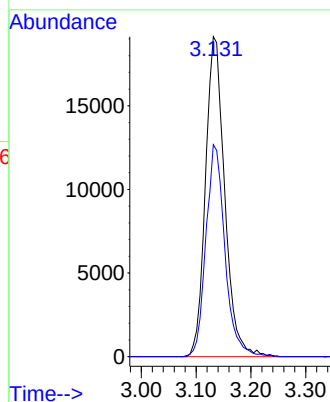
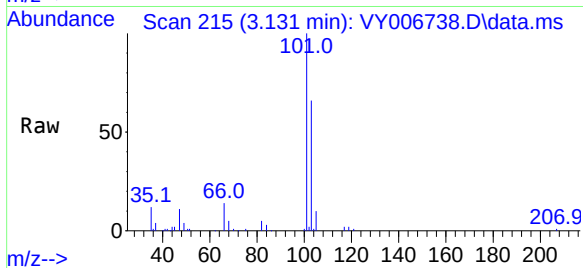
#7
Trichlorofluoromethane
Concen: 18.913 ug/l
RT: 3.131 min Scan# 217
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

Tgt Ion:101 Resp: 46519
Ion Ratio Lower Upper
101 100
103 66.2 50.2 75.2

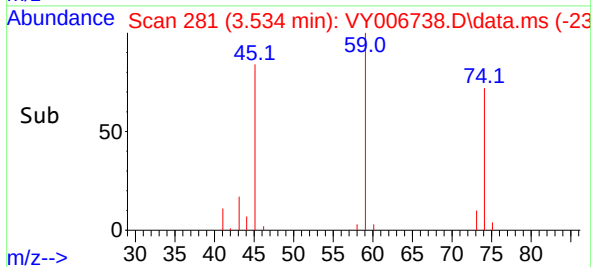
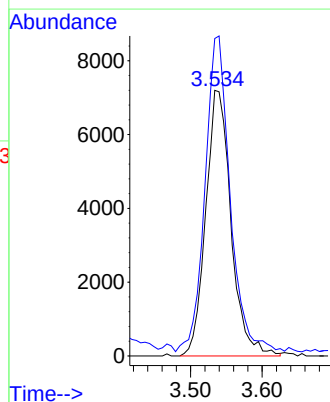
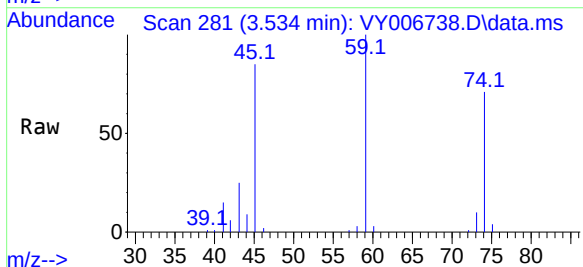
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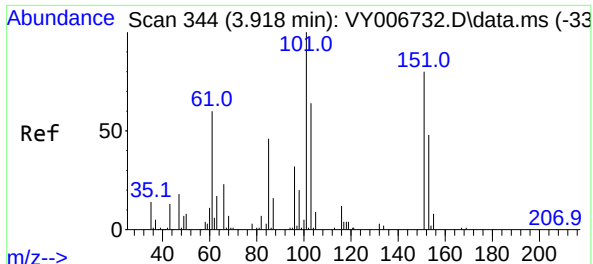
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Diethyl Ether
Concen: 21.578 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 74 Resp: 17676
Ion Ratio Lower Upper
74 100
45 117.5 52.8 158.3





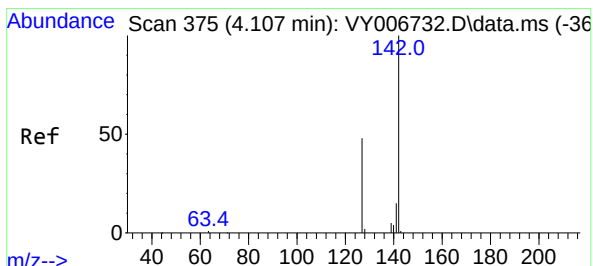
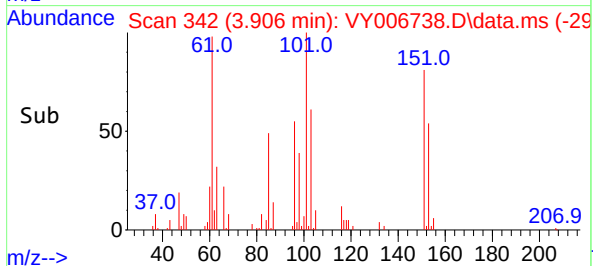
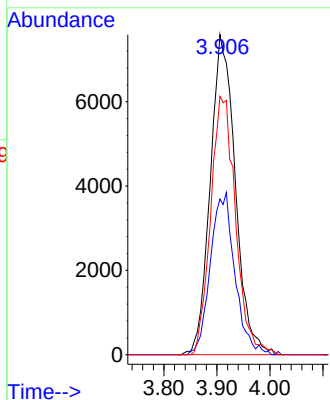
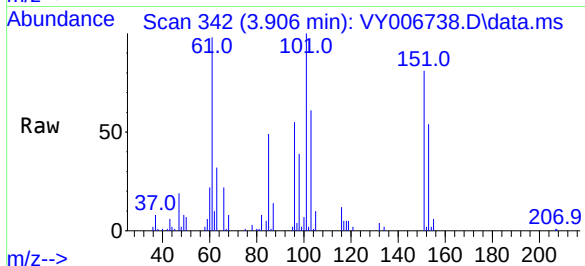
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.039 ug/l
RT: 3.906 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:101 Resp: 24870
Ion Ratio Lower Upper
101 100
85 49.5 38.6 57.8
151 80.4 64.0 96.0

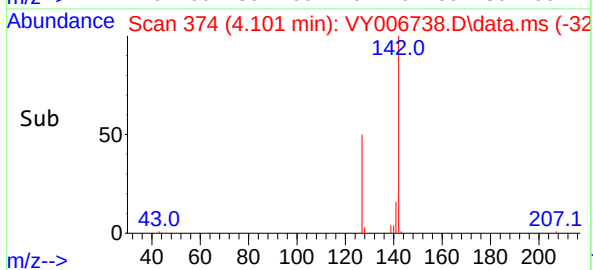
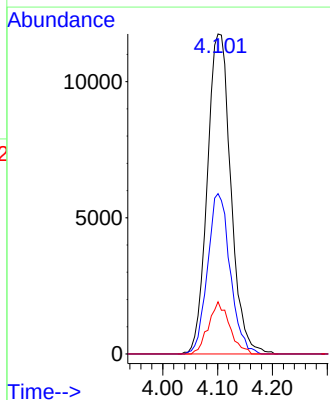
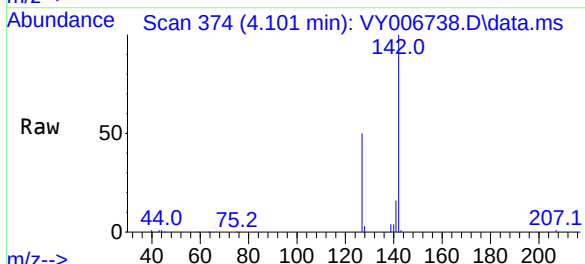
Manual Integrations
APPROVED

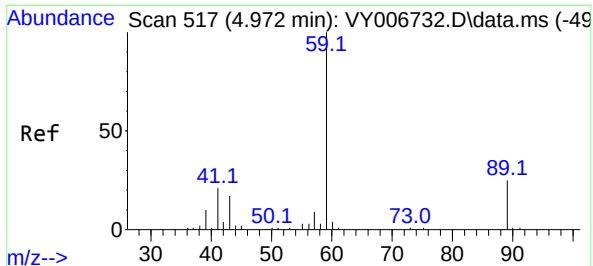
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 21.432 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

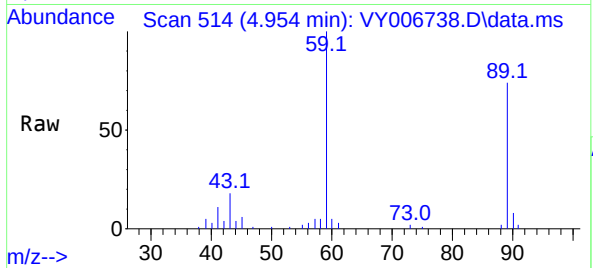
Tgt Ion:142 Resp: 34995
Ion Ratio Lower Upper
142 100
127 48.2 40.1 60.1
141 14.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 123.324 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

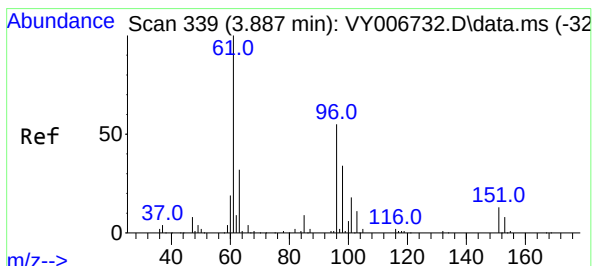
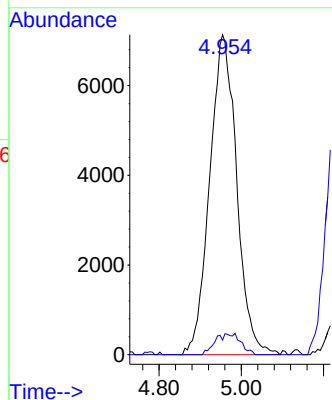
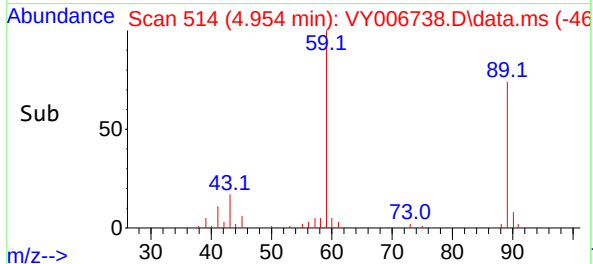
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



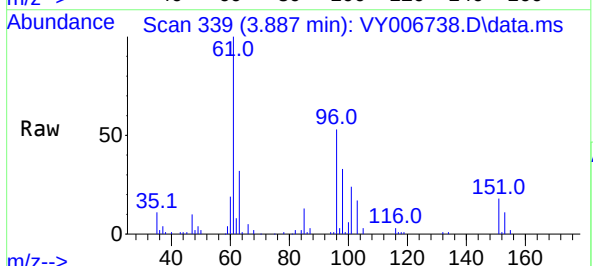
Tgt Ion: 59 Resp: 32524
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.4

Manual Integrations
APPROVED

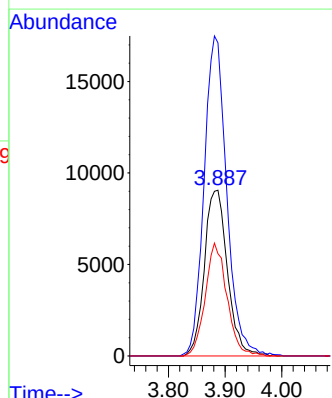
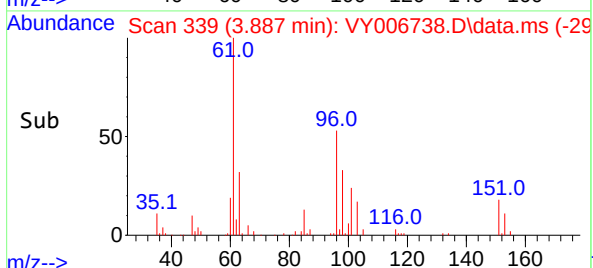
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

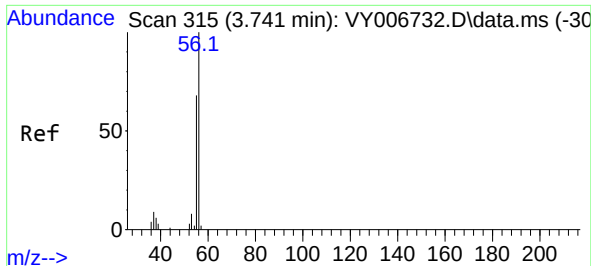


#12
1,1-Dichloroethene
Concen: 19.812 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



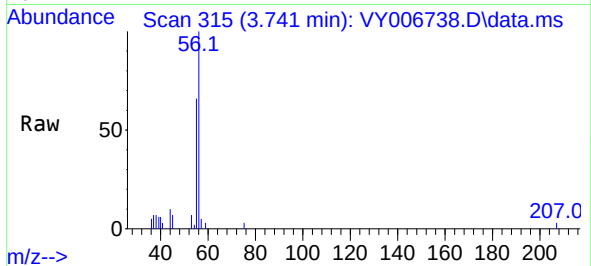
Tgt Ion: 96 Resp: 25668
Ion Ratio Lower Upper
96 100
61 188.9 143.0 214.6
98 61.6 50.5 75.7





#13
Acrolein
Concen: 137.425 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

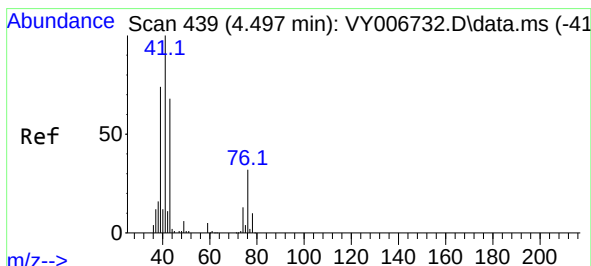
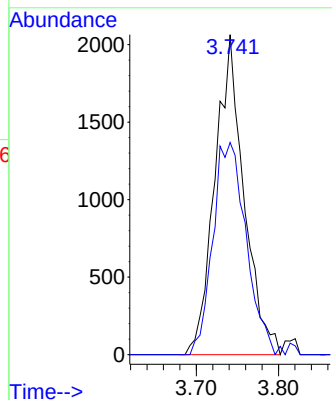
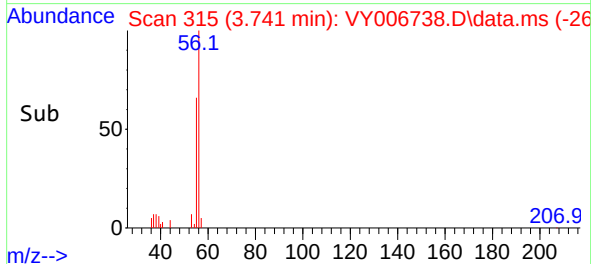
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion: 56 Resp: 5070
Ion Ratio Lower Upper
56 100
55 76.1 57.1 85.7

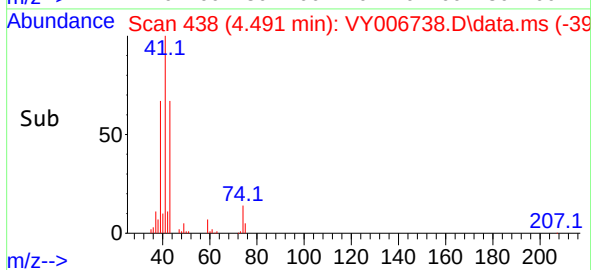
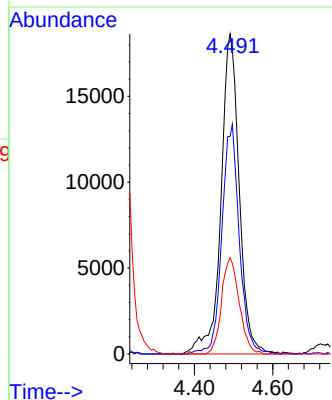
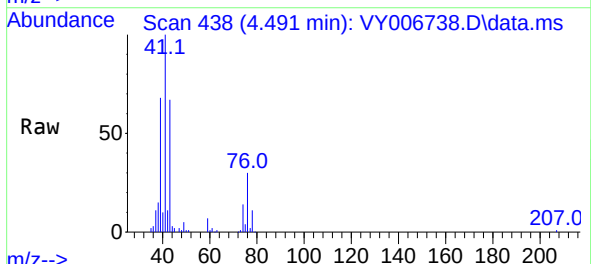
Manual Integrations
APPROVED

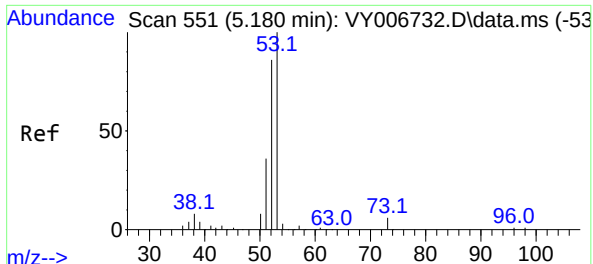
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Allyl chloride
Concen: 20.731 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

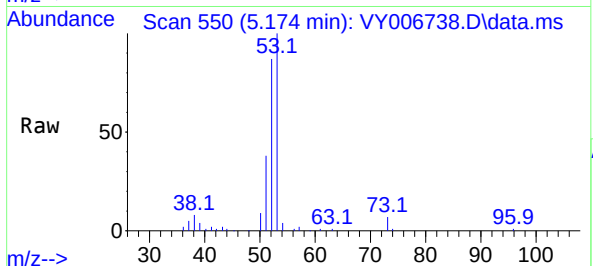
Tgt Ion: 41 Resp: 60497
Ion Ratio Lower Upper
41 100
39 68.4 58.8 88.2
76 29.0 25.0 37.4





#15
Acrylonitrile
Concen: 110.508 ug/l
RT: 5.174 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

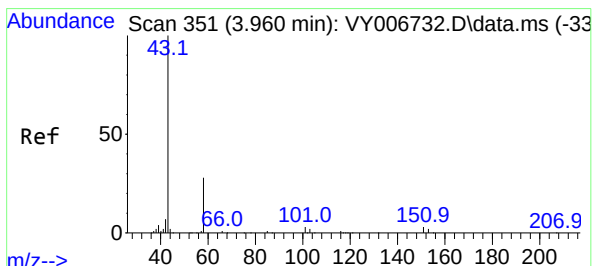
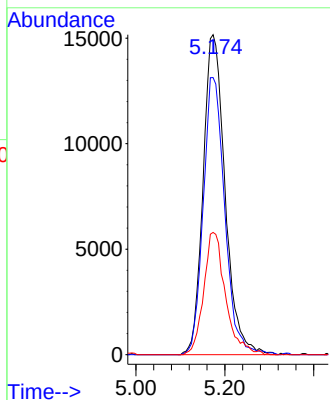
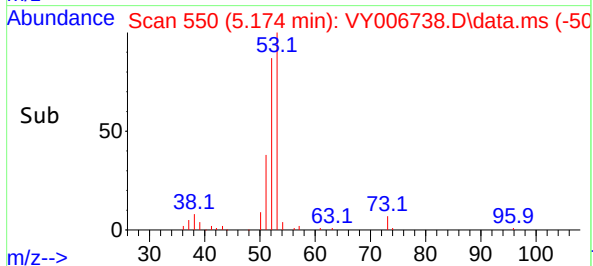
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01



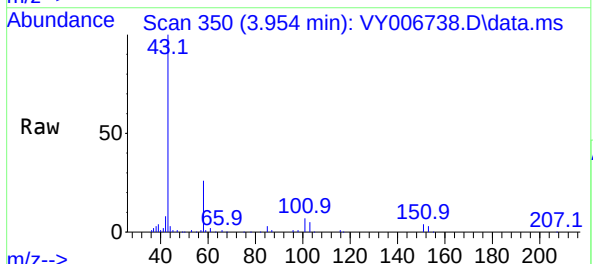
Tgt Ion: 53 Resp: 5221
Ion Ratio Lower Upper
53 100
52 85.0 67.1 100.7
51 38.0 30.0 45.0

Manual Integrations
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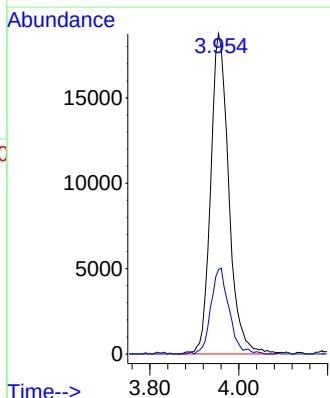
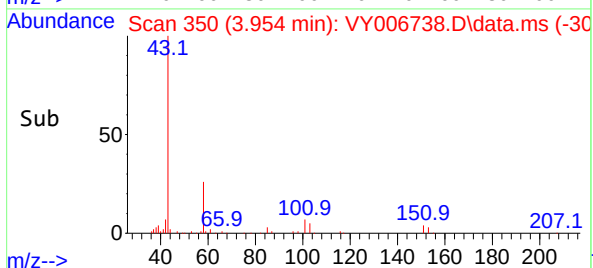
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

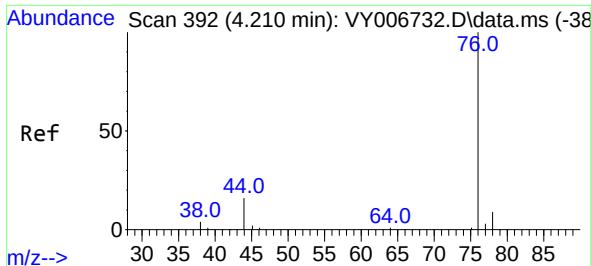


#16
Acetone
Concen: 99.920 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion: 43 Resp: 53238
Ion Ratio Lower Upper
43 100
58 26.4 22.9 34.3





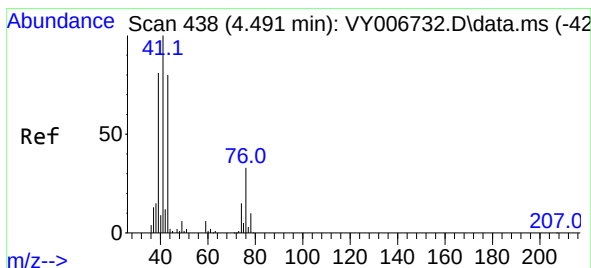
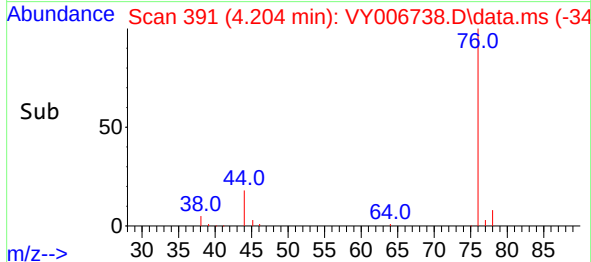
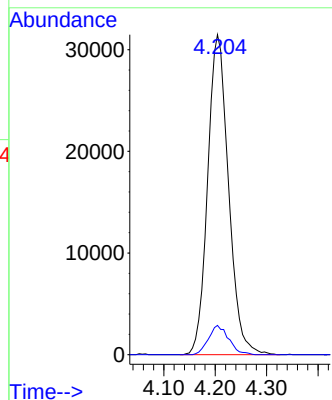
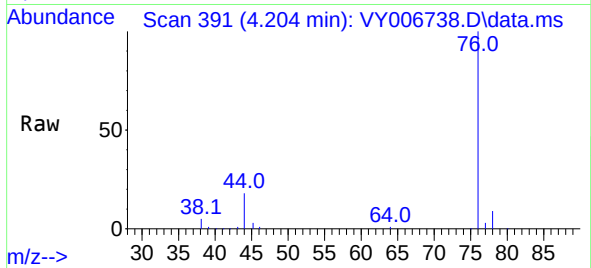
#17
Carbon Disulfide
Concen: 19.384 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 76 Resp: 88640
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

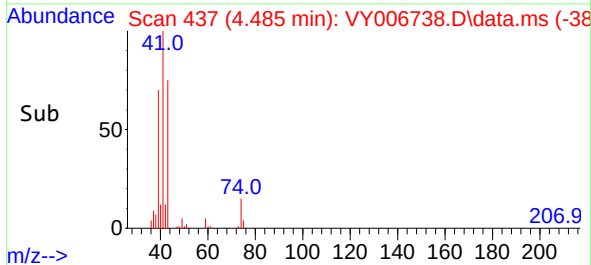
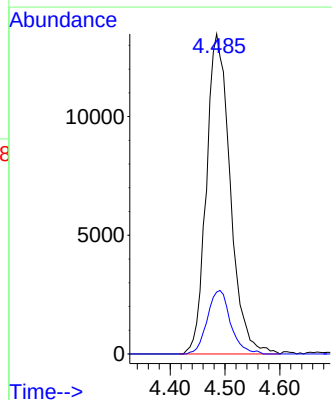
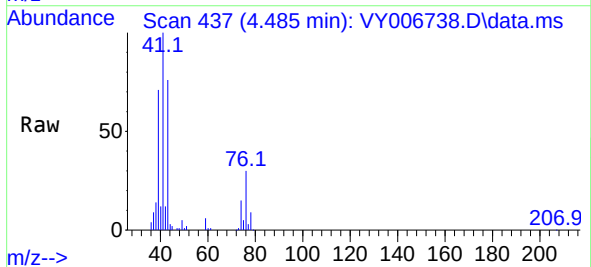
Manual Integrations
APPROVED

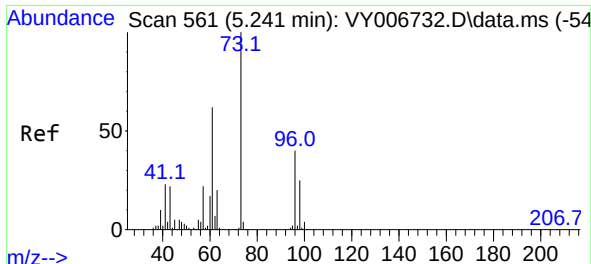
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 23.545 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

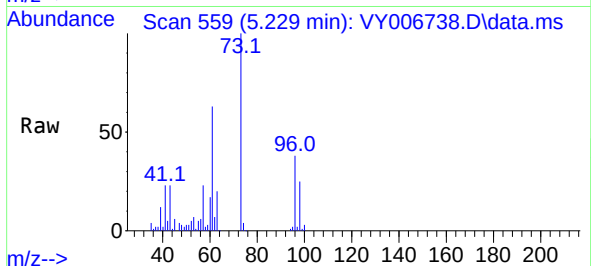
Tgt Ion: 43 Resp: 40610
Ion Ratio Lower Upper
43 100
74 19.4 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 21.194 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

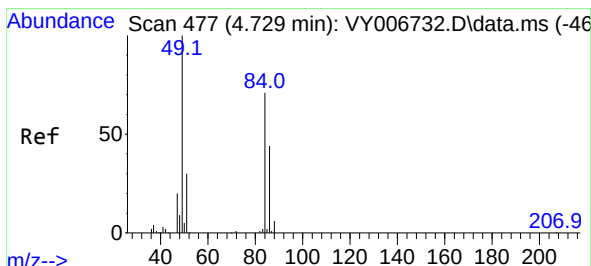
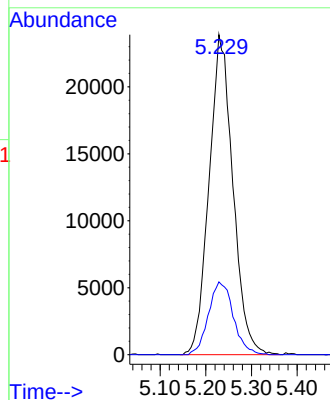
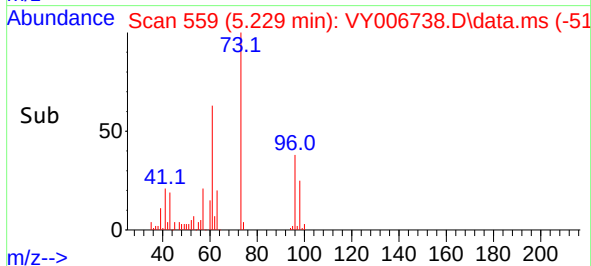
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion: 73 Resp: 8655
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

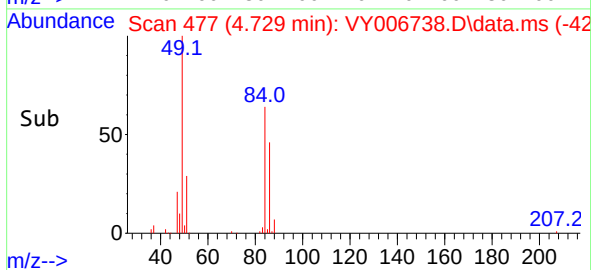
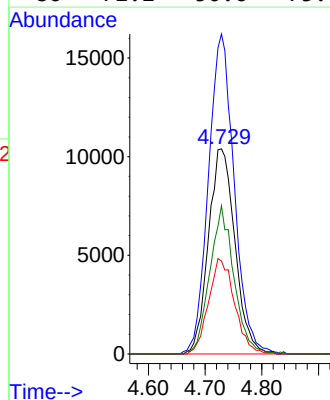
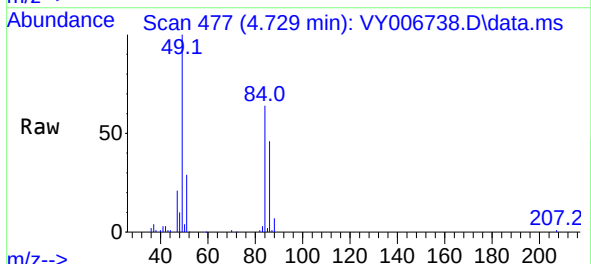
Manual Integrations
APPROVED

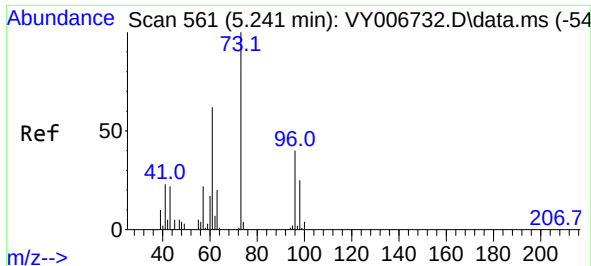
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 19.179 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

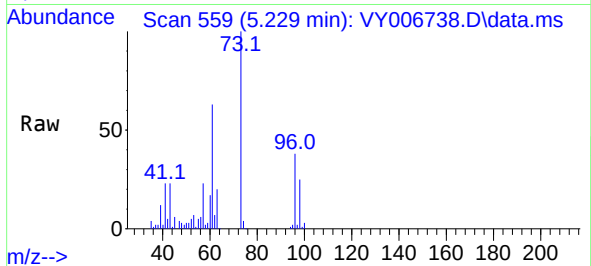
Tgt Ion: 84 Resp: 33846
Ion Ratio Lower Upper
84 100
49 156.0 107.8 161.8
51 45.3 32.8 49.2
86 72.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 19.745 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

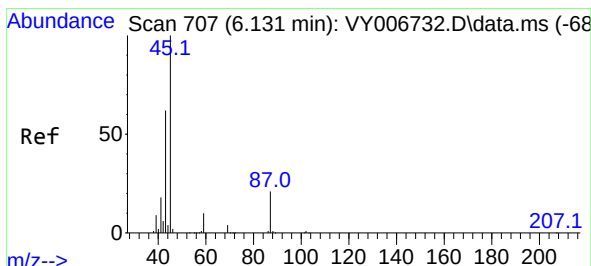
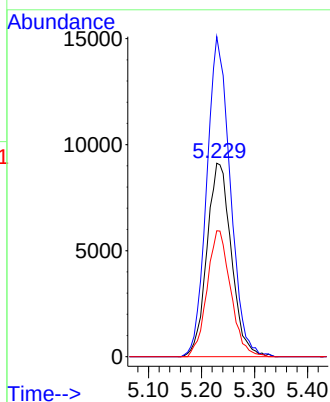
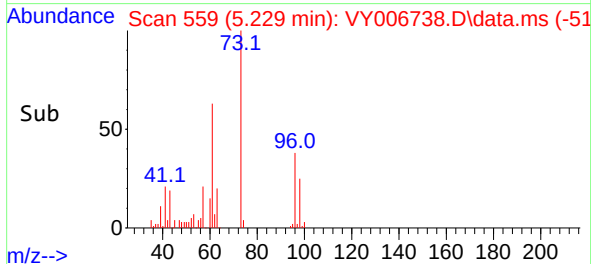
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



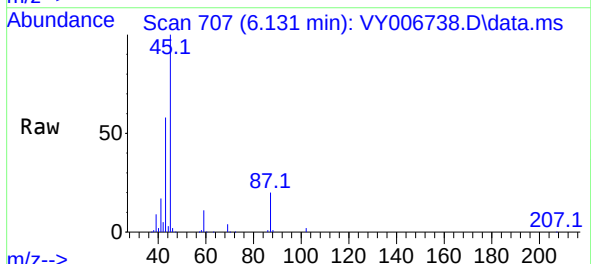
Tgt Ion: 96 Resp: 29224
Ion Ratio Lower Upper
96 100
61 165.4 120.6 181.0
98 65.1 51.3 76.9

Manual Integrations
APPROVED

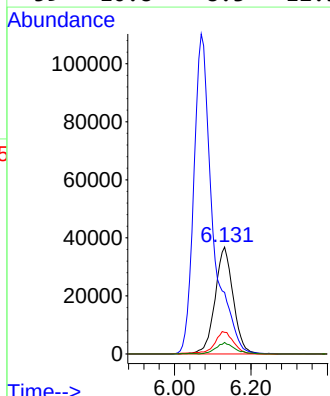
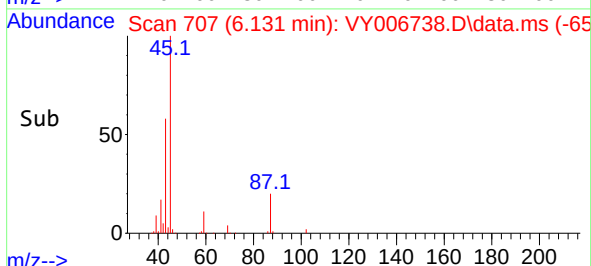
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

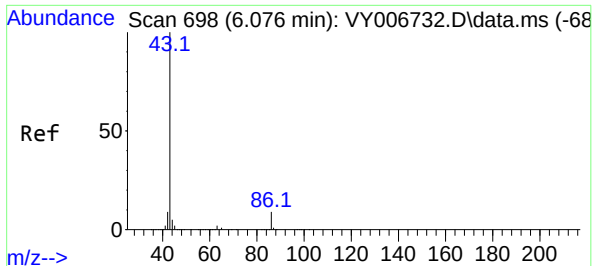


#22
Diisopropyl ether
Concen: 21.086 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion: 45 Resp: 121406
Ion Ratio Lower Upper
45 100
43 57.7 47.7 71.5
87 20.2 20.1 30.1
59 10.8 8.3 12.5





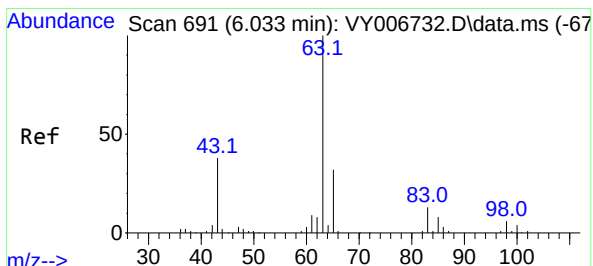
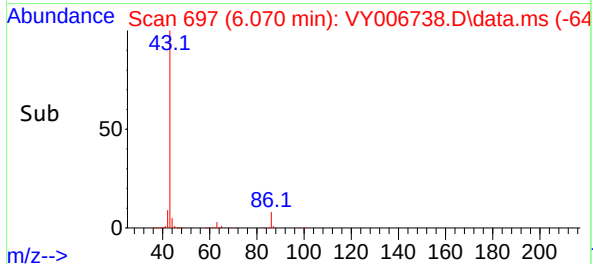
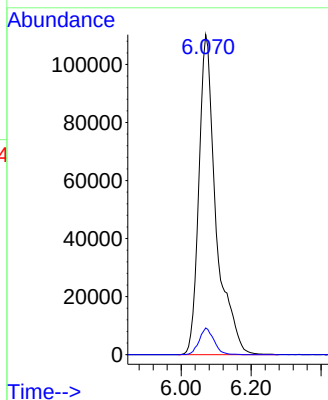
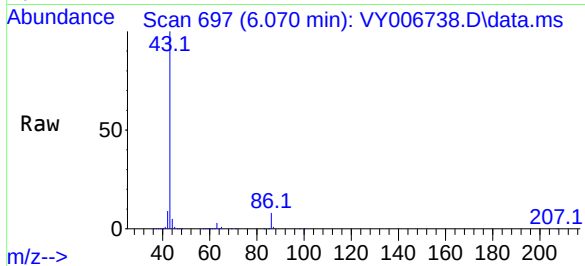
#23
Vinyl Acetate
Concen: 108.002 ug/l
RT: 6.070 min Scan# 698
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 43 Resp: 375509
Ion Ratio Lower Upper
43 100
86 8.4 7.3 10.9

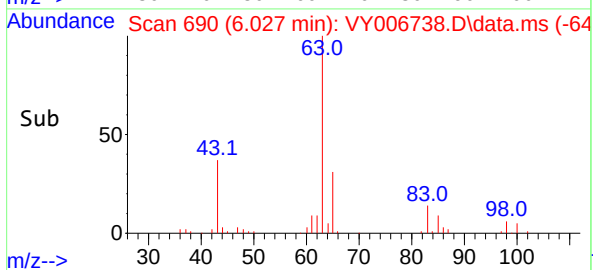
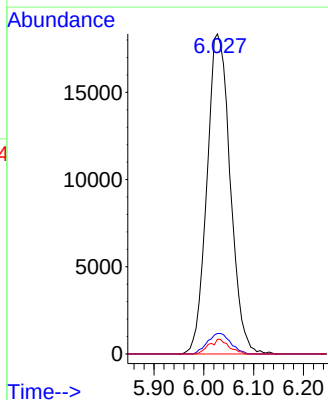
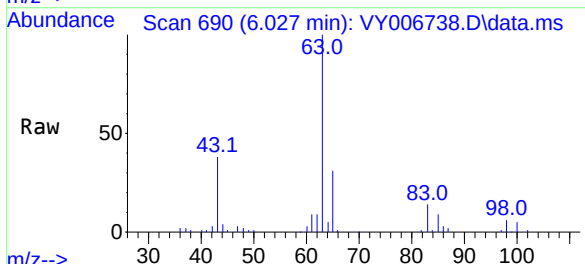
Manual Integrations
APPROVED

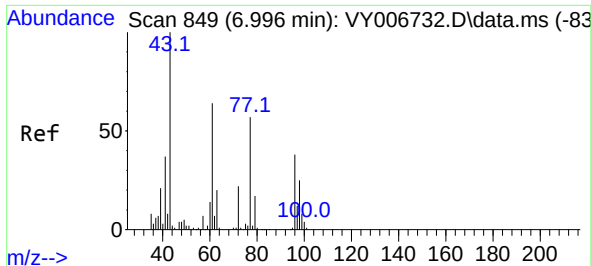
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#24
1,1-Dichloroethane
Concen: 20.283 ug/l
RT: 6.027 min Scan# 690
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 63 Resp: 59608
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.4
100 4.6 2.0 6.0





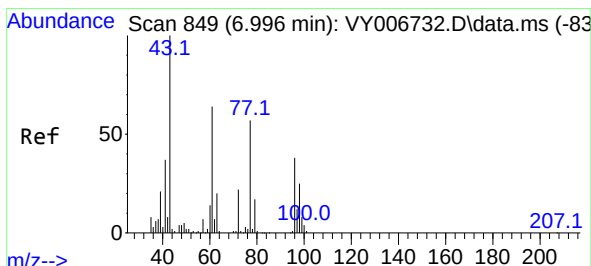
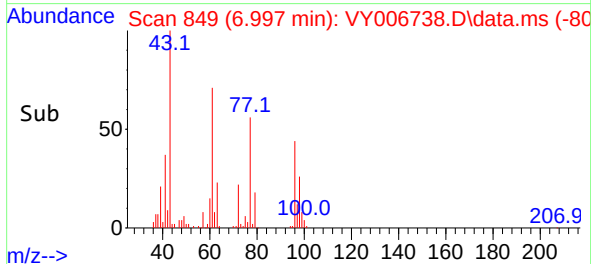
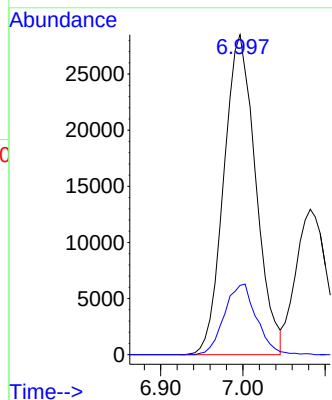
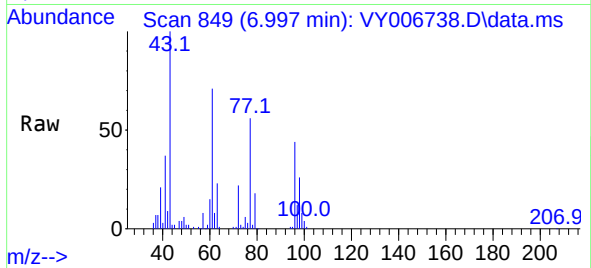
#25
2-Butanone
Concen: 106.276 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.001 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
Client Sample Id :
VY1115SBSD01

Tgt Ion: 43 Resp: 7696
Ion Ratio Lower Upper
43 100
72 21.7 18.9 28.3

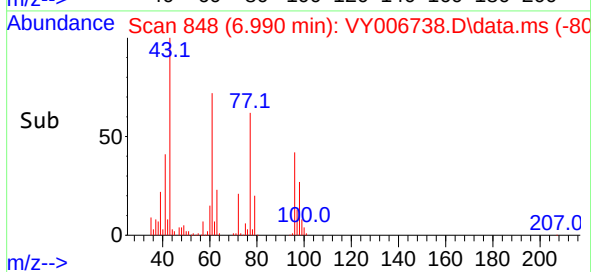
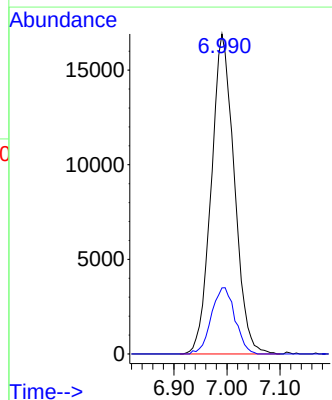
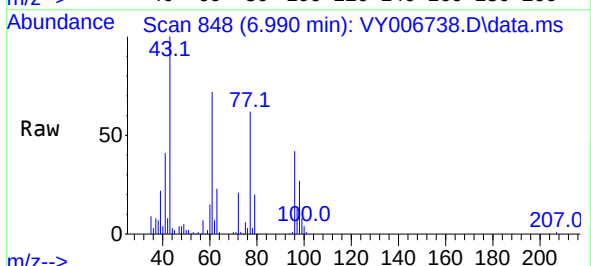
Manual Integrations
APPROVED

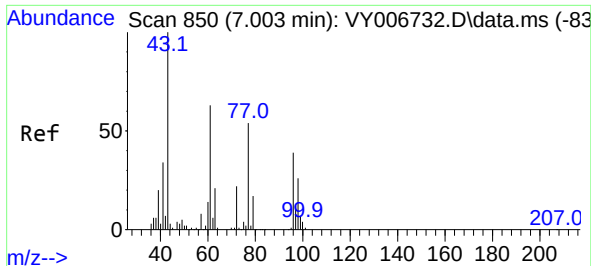
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
2,2-Dichloropropane
Concen: 19.215 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

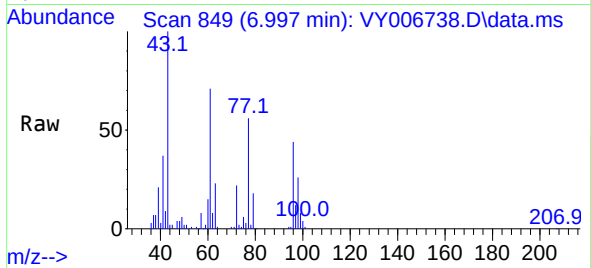
Tgt Ion: 77 Resp: 51027
Ion Ratio Lower Upper
77 100
97 21.2 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.083 ug/l
 RT: 6.997 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY006738.D
 Acq: 15 Nov 2021 18:11

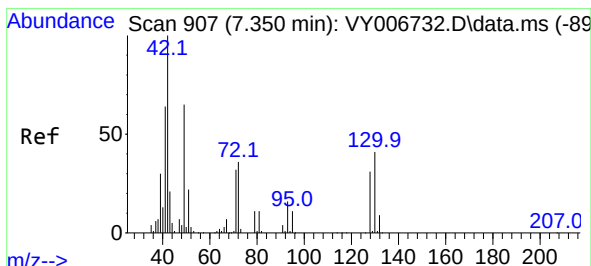
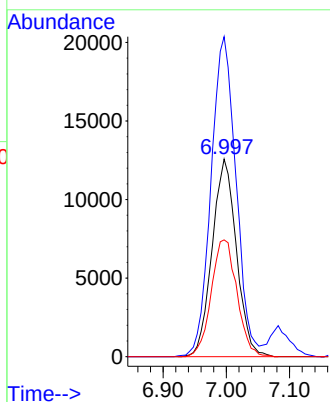
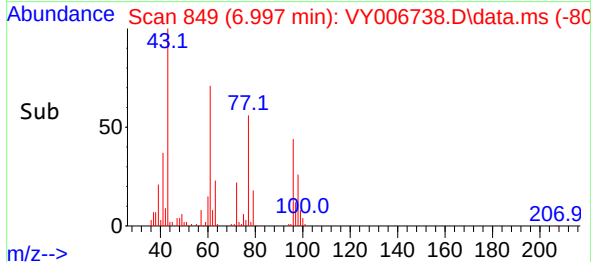
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01



Tgt Ion: 96 Resp: 3357
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 314.0
 98 62.5 0.0 127.8

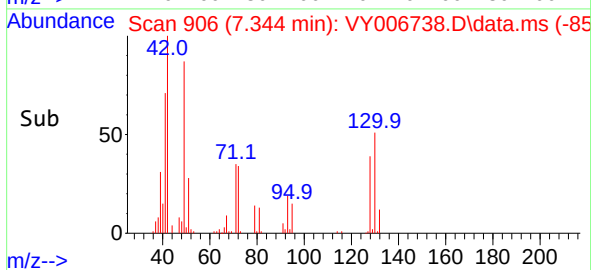
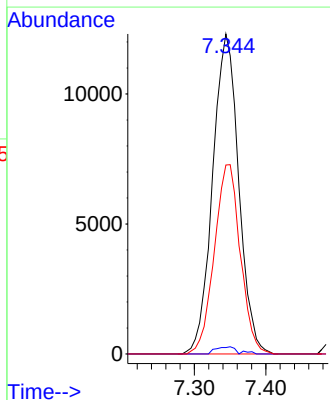
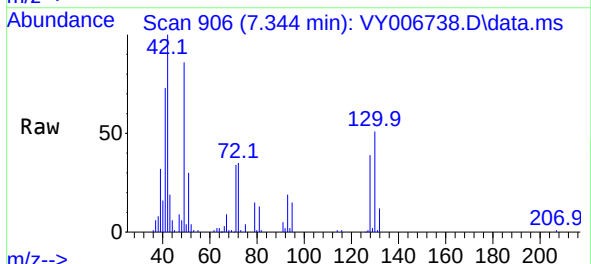
Manual Integrations
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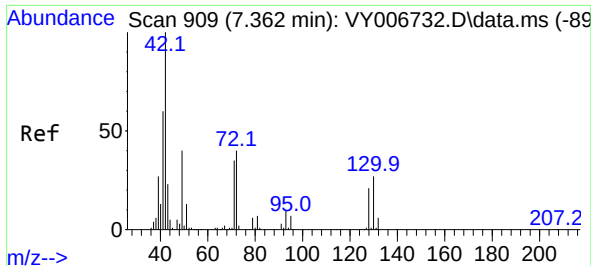
Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 22.532 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY006738.D
 Acq: 15 Nov 2021 18:11

Tgt Ion: 49 Resp: 31148
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 59.0 55.6 83.4





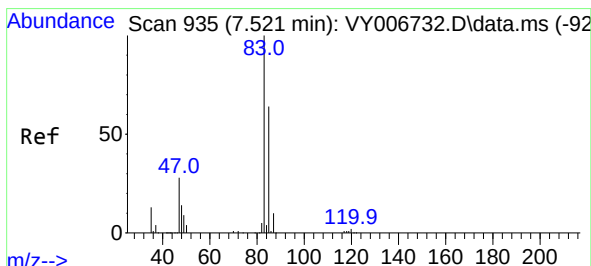
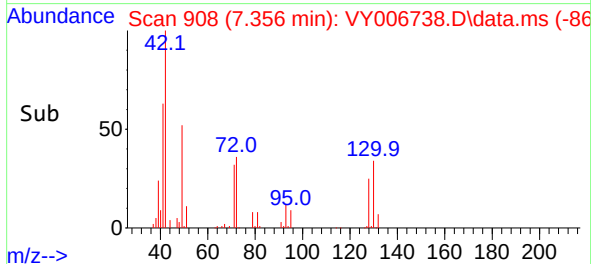
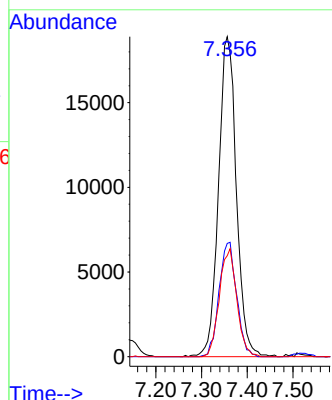
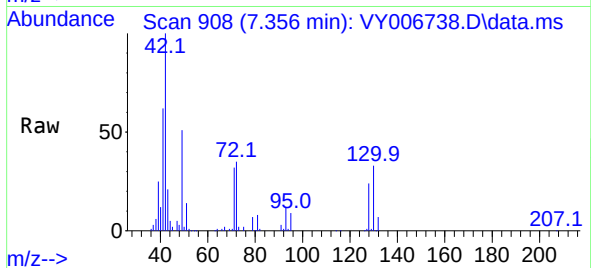
#29
Tetrahydrofuran
Concen: 115.897 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 42 Resp: 5124
Ion Ratio Lower Upper
42 100
72 35.1 32.0 48.0
71 32.9 30.3 45.5

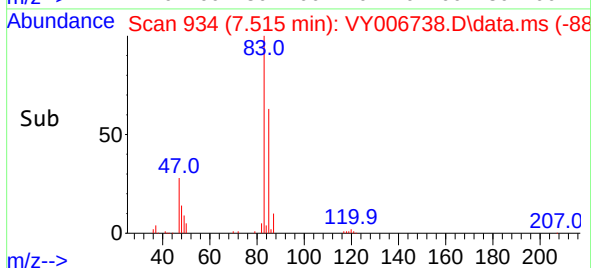
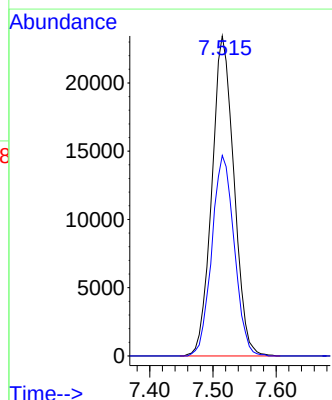
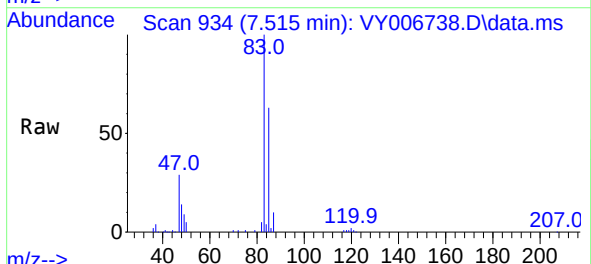
Manual Integrations
APPROVED

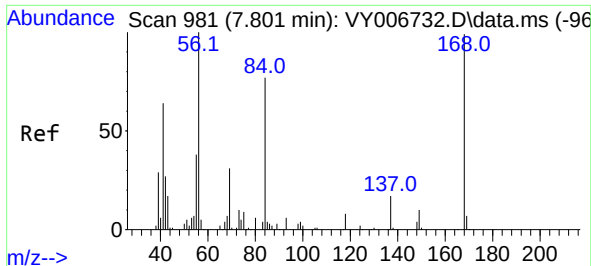
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Chloroform
Concen: 20.102 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

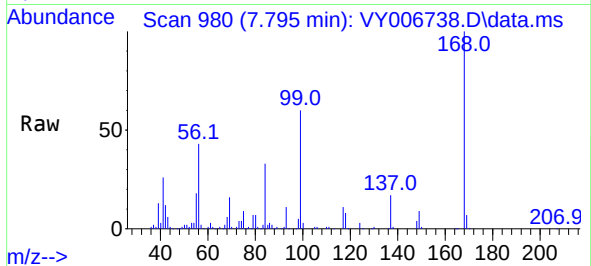
Tgt Ion: 83 Resp: 56793
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4





#31
Cyclohexane
Concen: 19.386 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

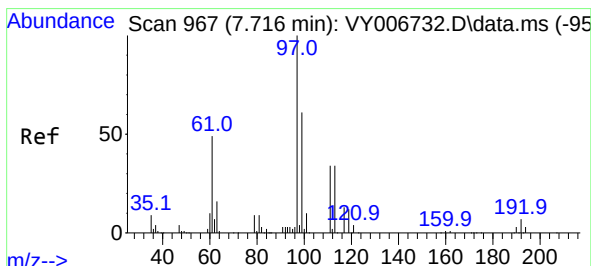
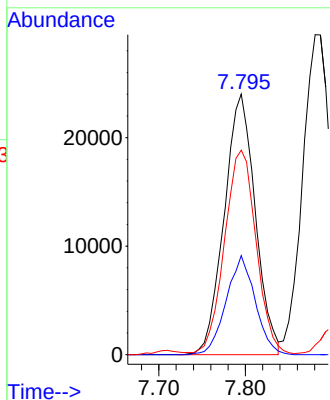
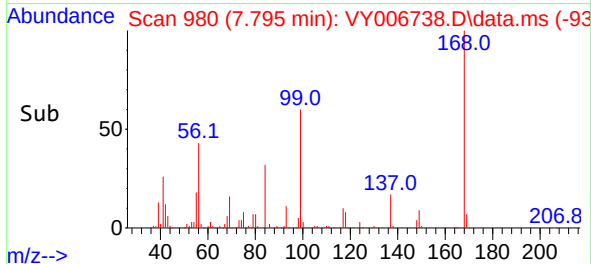
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion: 56 Resp: 59752
Ion Ratio Lower Upper
56 100
69 38.0 26.6 40.0
84 77.4 65.0 97.4

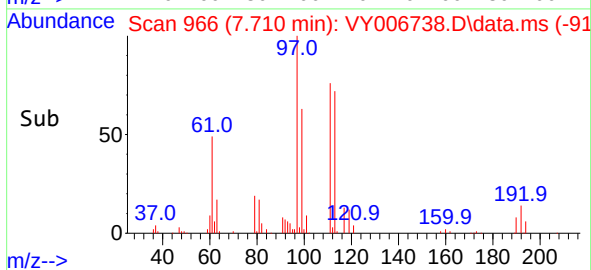
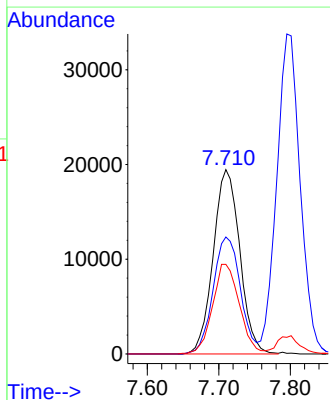
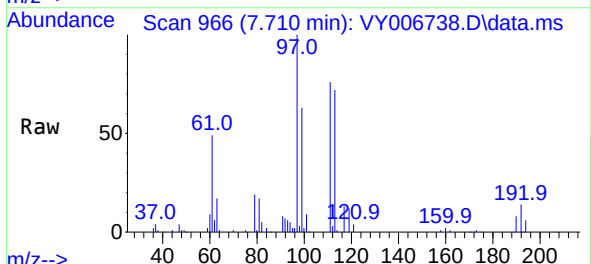
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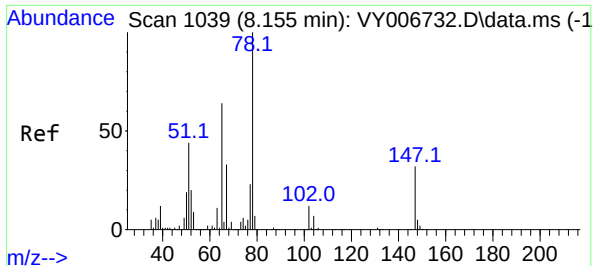
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 19.297 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 97 Resp: 50244
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.4
61 49.2 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 48.217 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 65 Resp: 8455

Ion Ratio Lower Upper

65 100

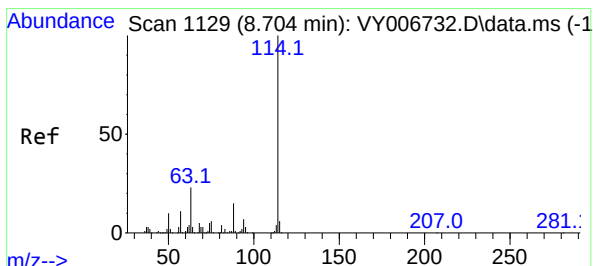
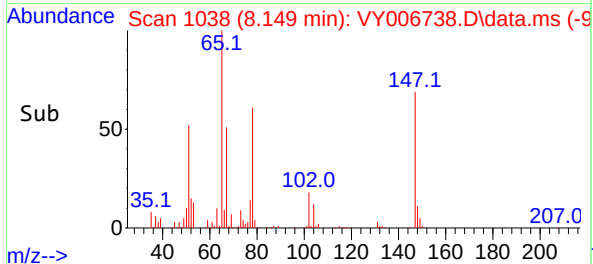
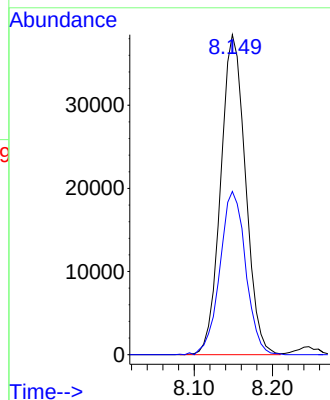
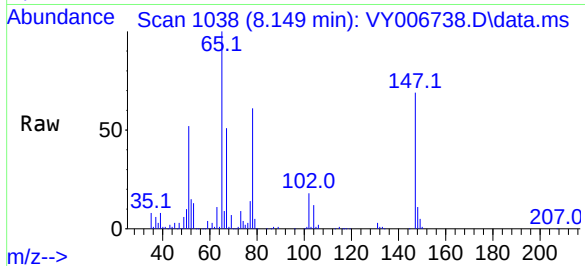
67 53.1 0.0 98.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/16/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

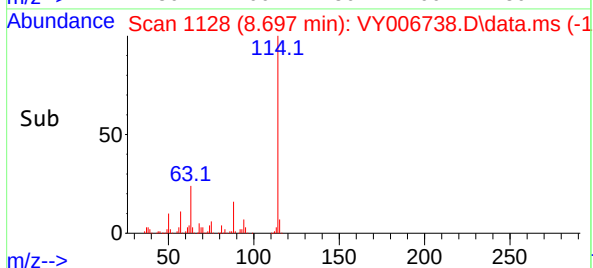
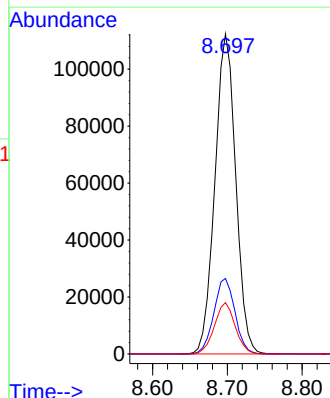
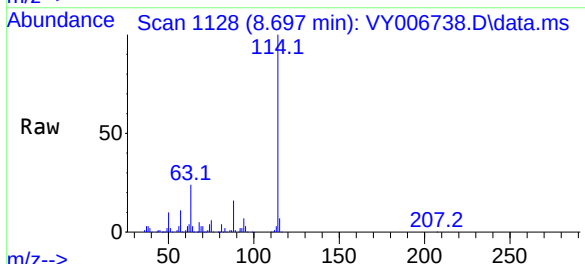
Tgt Ion:114 Resp: 217696

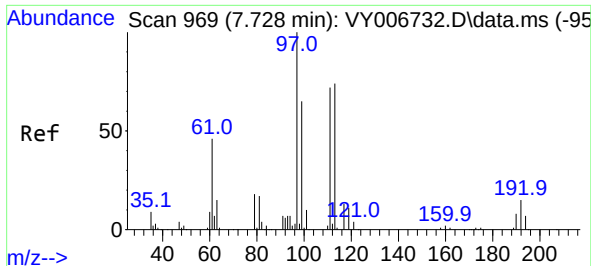
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.1 0.0 30.6





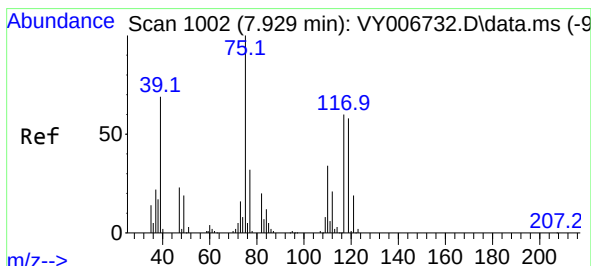
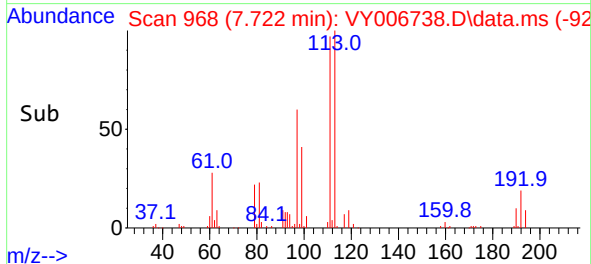
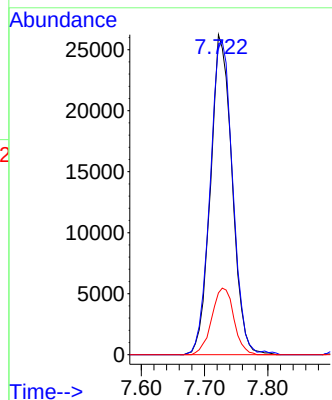
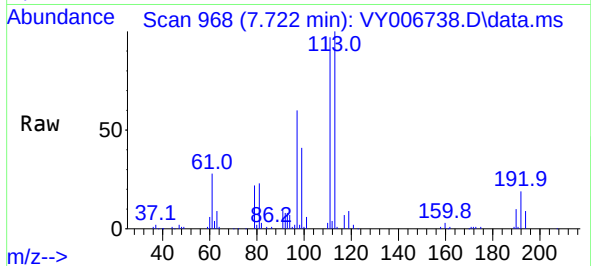
#35
Dibromofluoromethane
Concen: 46.367 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115BSD01

Tgt Ion: 113 Resp: 6200
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 21.3 17.4 26.2

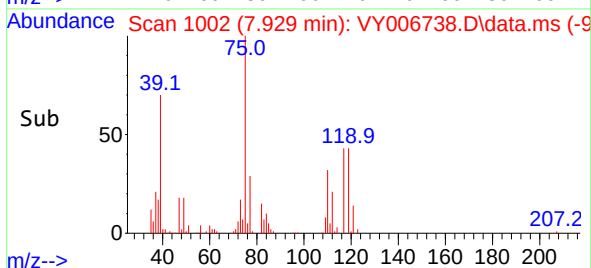
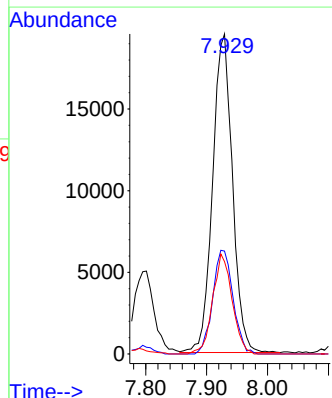
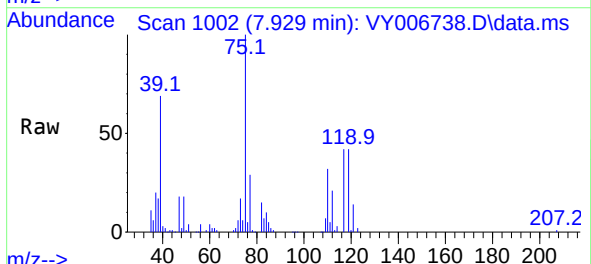
Manual Integrations
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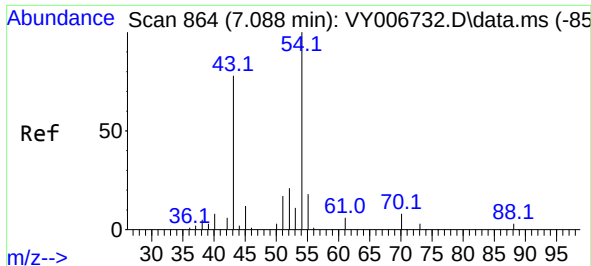
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 18.651 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 75 Resp: 44133
Ion Ratio Lower Upper
75 100
110 33.4 17.1 51.3
77 30.8 24.9 37.3





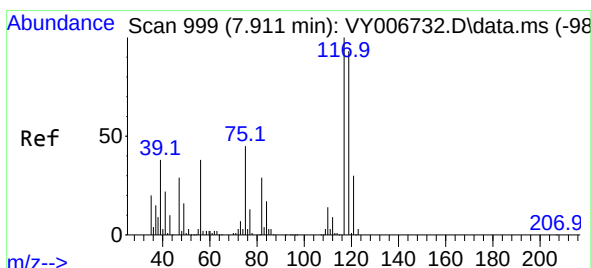
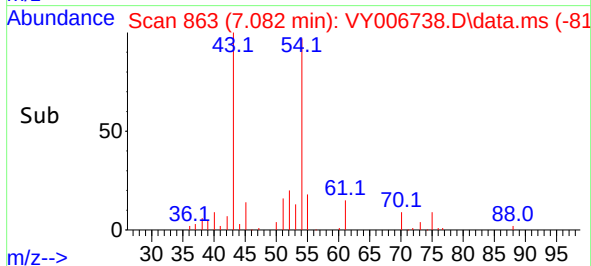
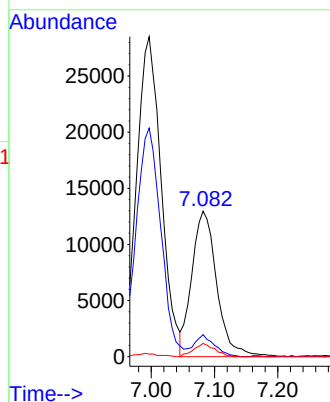
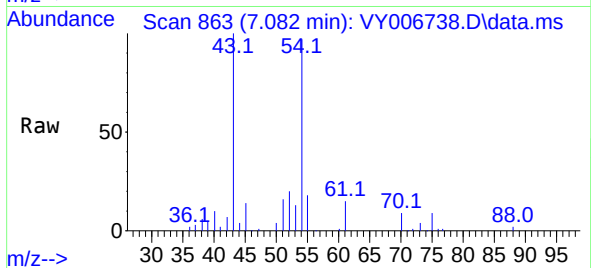
#37
Ethyl Acetate
Concen: 22.517 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 43 Resp: 3562
Ion Ratio Lower Upper
43 100
61 11.9 9.4 14.2
70 7.7 6.9 10.3

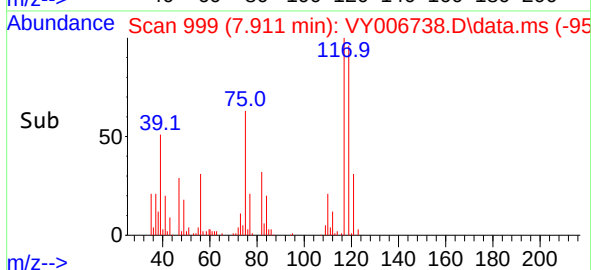
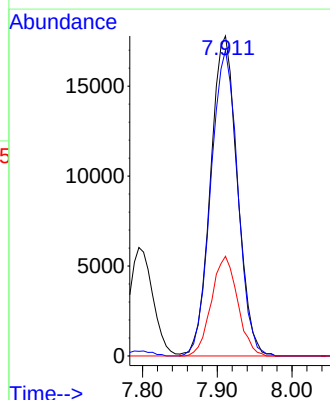
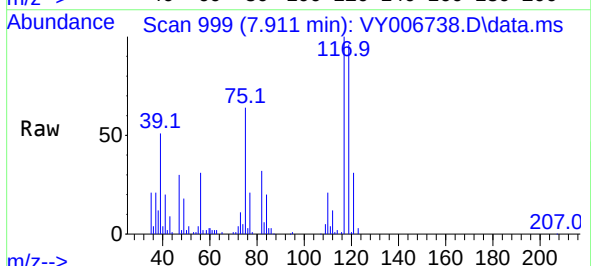
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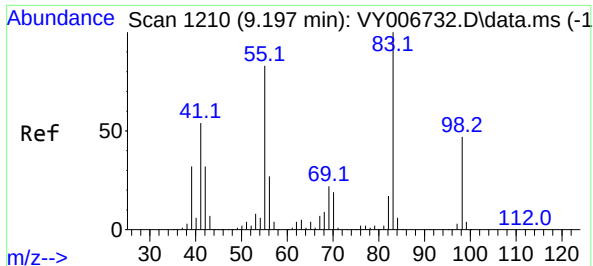
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 18.335 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:117 Resp: 44376
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0
121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 18.426 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

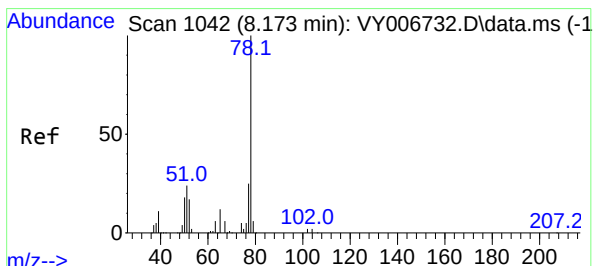
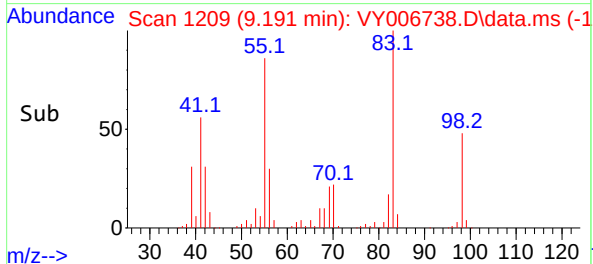
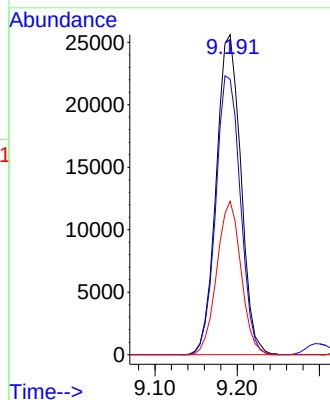
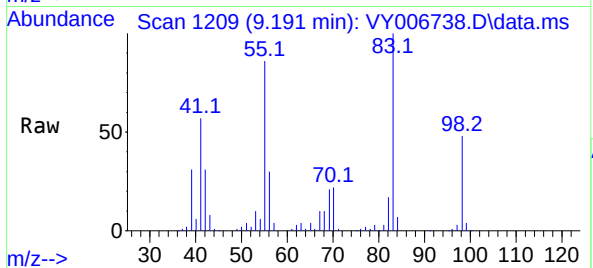
Tgt Ion: 83 Resp: 53170

Ion	Ratio	Lower	Upper
83	100		
55	86.1	65.3	97.9
98	47.9	37.0	55.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 19.269 ug/l

RT: 8.167 min Scan# 1041

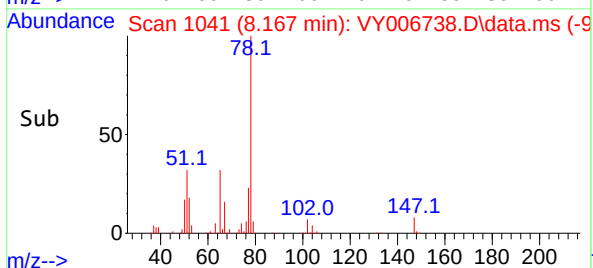
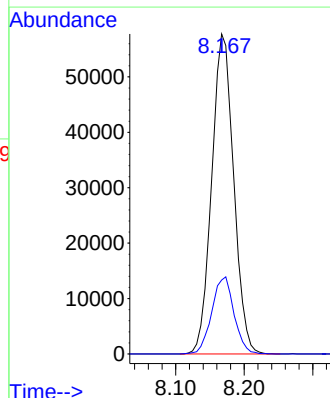
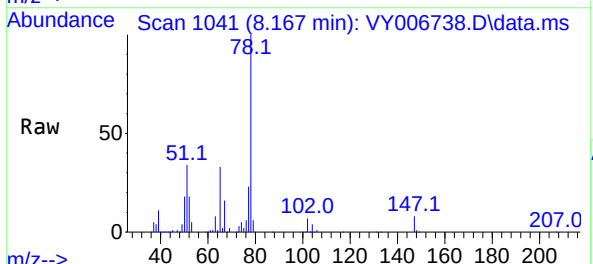
Delta R.T. -0.006 min

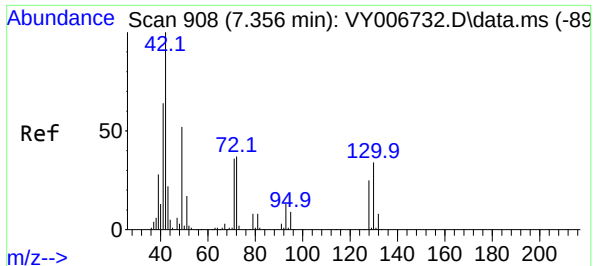
Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Tgt Ion: 78 Resp: 128356

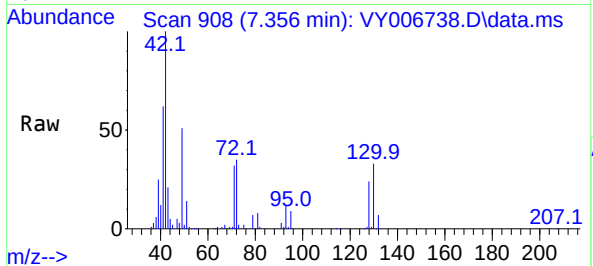
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.7	29.5





#41
Methacrylonitrile
Concen: 23.454 ug/l m
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

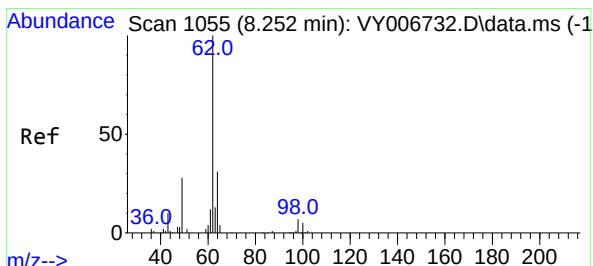
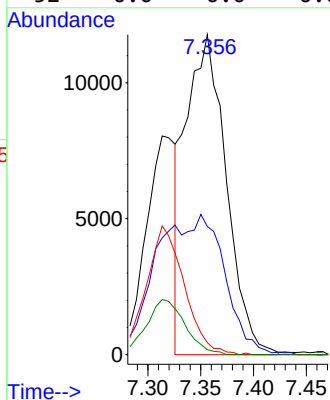
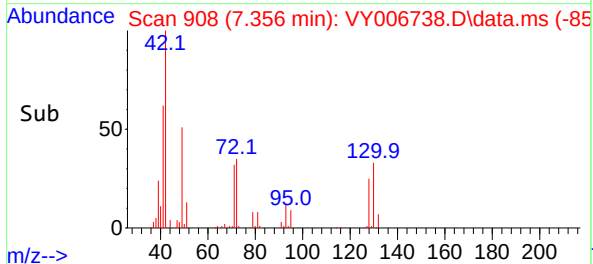
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01



Tgt Ion: 41 Resp: 31150
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6
67 0.0 0.0 0.0
52 0.0 0.0 0.0

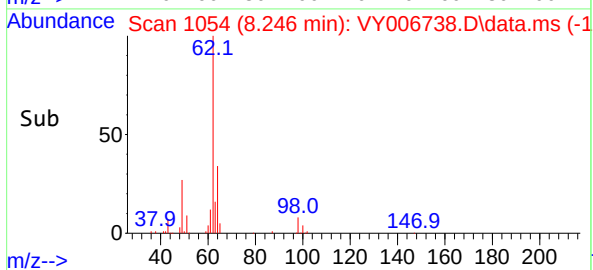
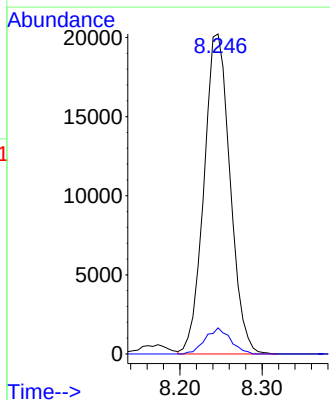
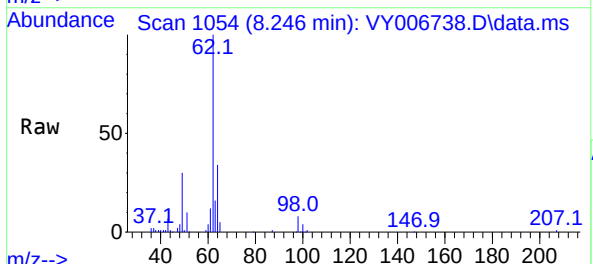
Manual Integrations
APPROVED

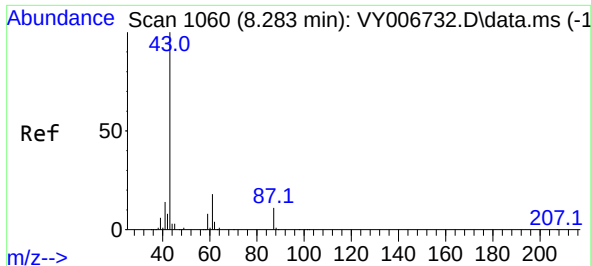
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 20.120 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 62 Resp: 44652
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.2





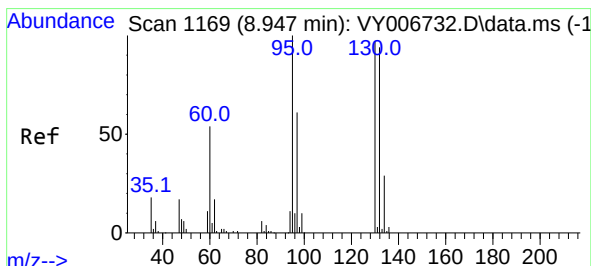
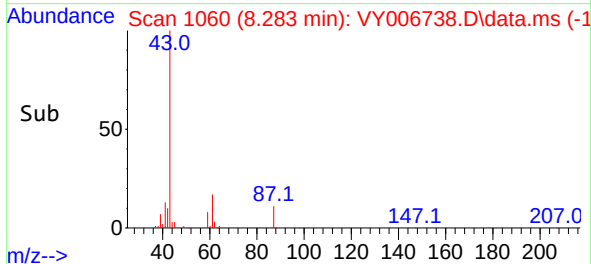
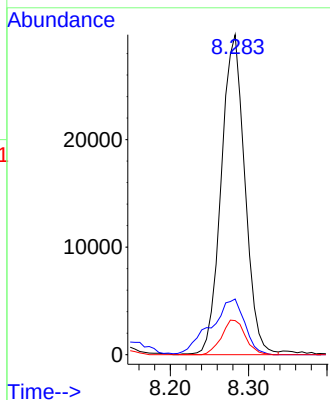
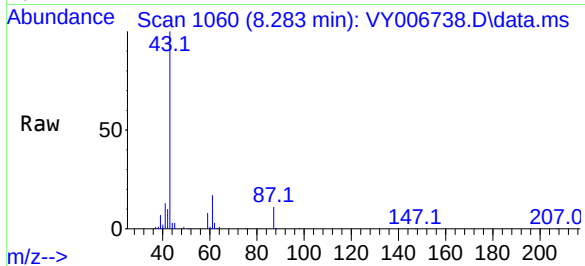
#43
Isopropyl Acetate
Concen: 21.001 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 43 Resp: 6232
Ion Ratio Lower Upper
43 100
61 25.0 20.5 30.7
87 10.9 9.0 13.6

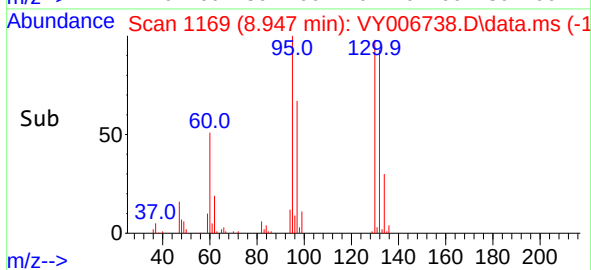
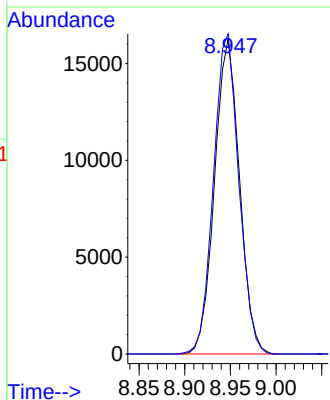
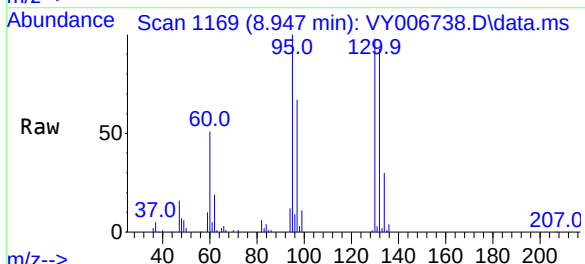
Manual Integrations
APPROVED

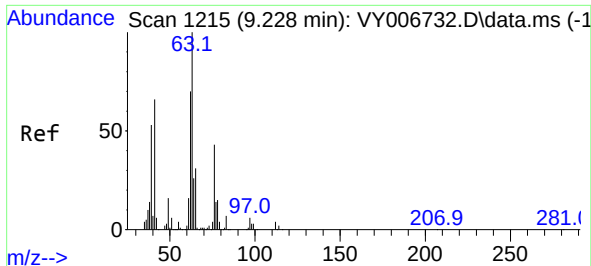
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 19.056 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:130 Resp: 30880
Ion Ratio Lower Upper
130 100
95 101.8 0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.469 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 63 Resp: 33460

Ion Ratio Lower Upper

63 100

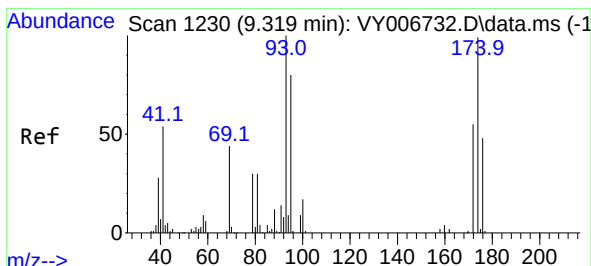
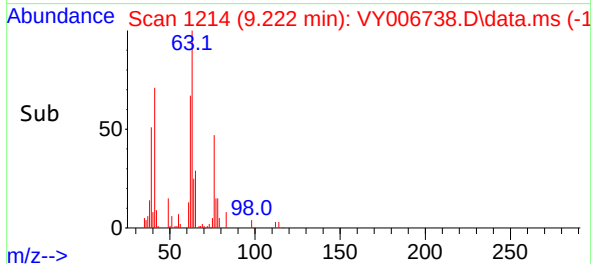
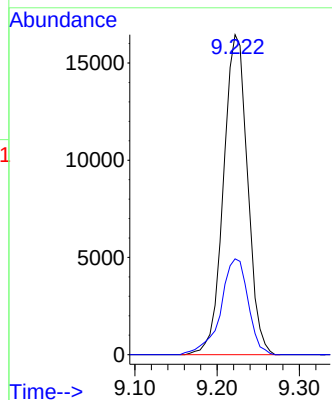
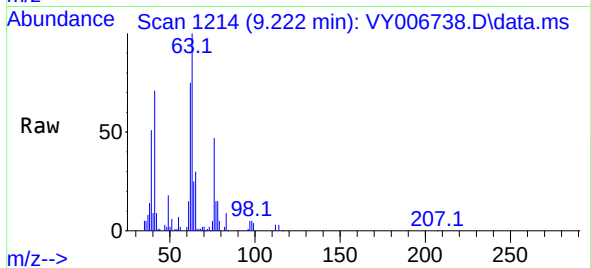
65 30.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/16/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 19.902 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

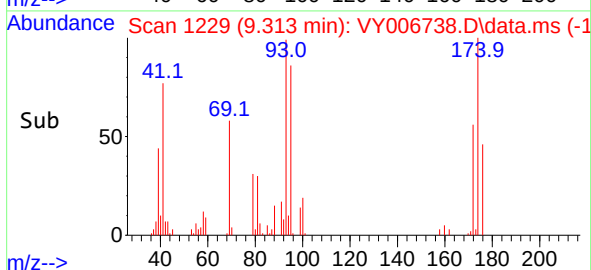
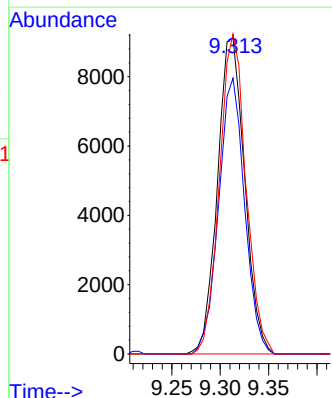
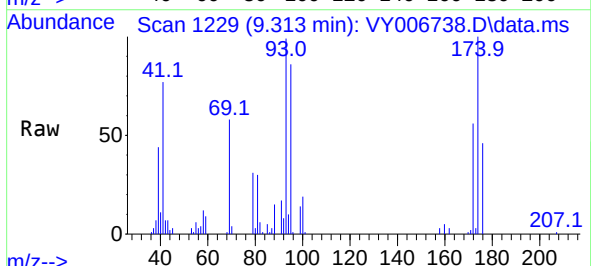
Tgt Ion: 93 Resp: 17815

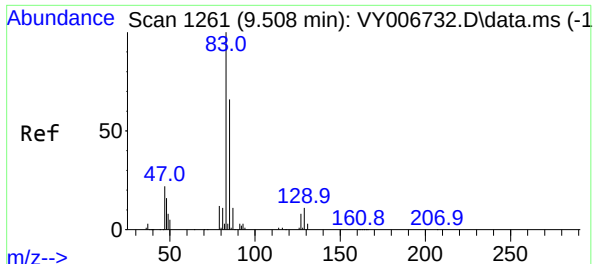
Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

174 98.6 84.3 126.5





#47

Bromodichloromethane

Concen: 19.581 ug/l

RT: 9.502 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

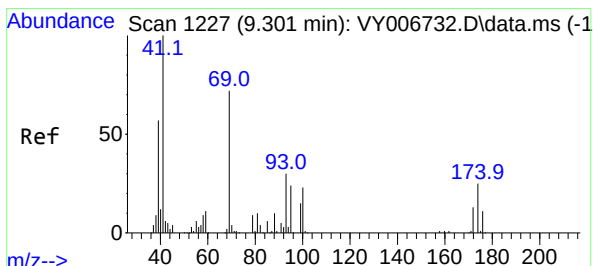
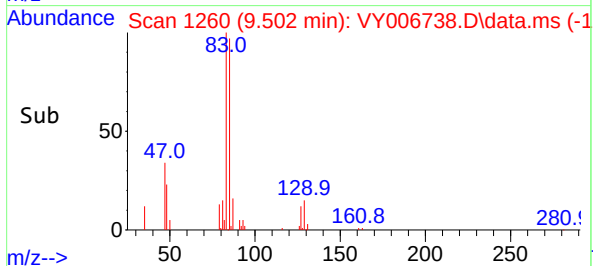
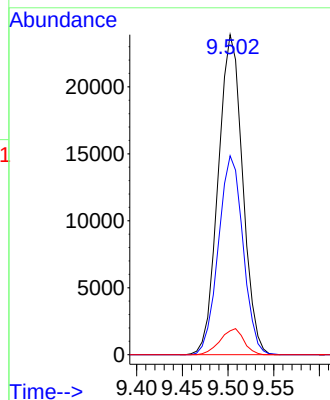
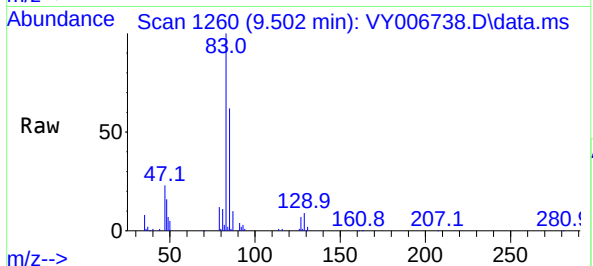
Tgt Ion: 83 Resp: 4451

Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.9	74.9
127	7.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48

Methyl methacrylate

Concen: 20.206 ug/l

RT: 9.301 min Scan# 1227

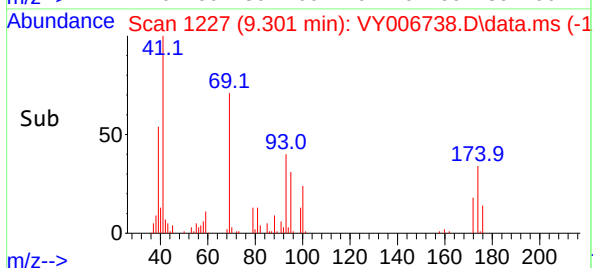
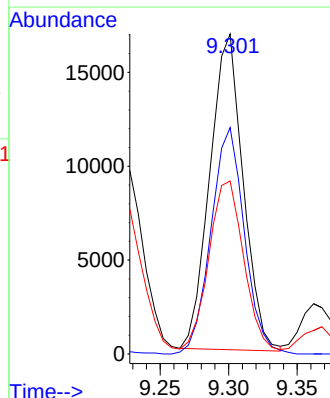
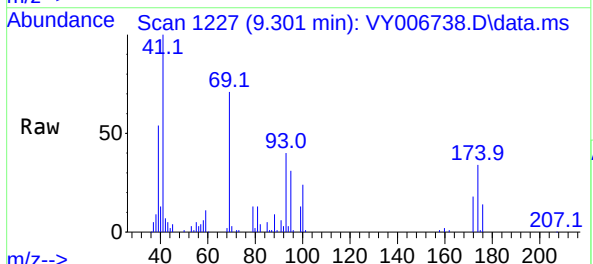
Delta R.T. 0.000 min

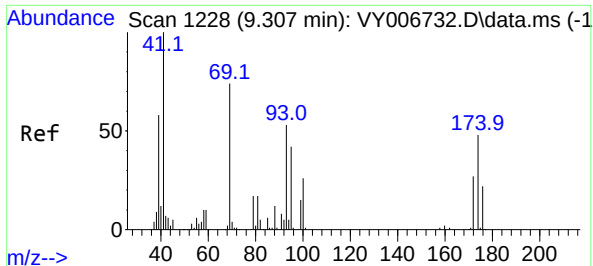
Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Tgt Ion: 41 Resp: 28411

Ion	Ratio	Lower	Upper
41	100		
69	72.1	60.4	90.6
39	55.9	48.2	72.2





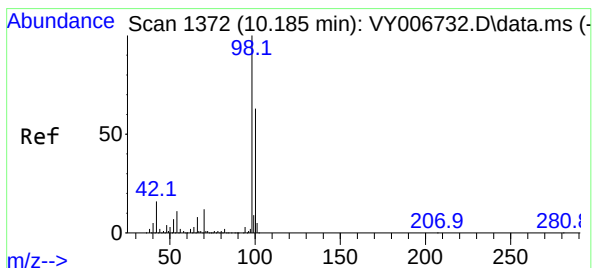
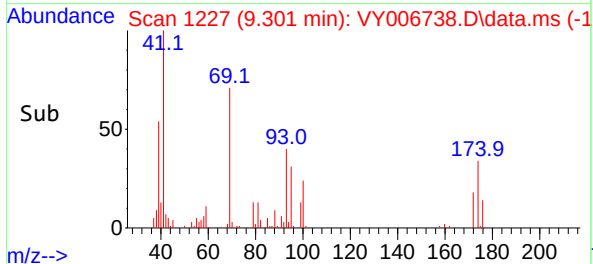
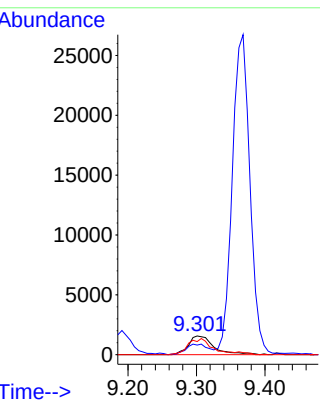
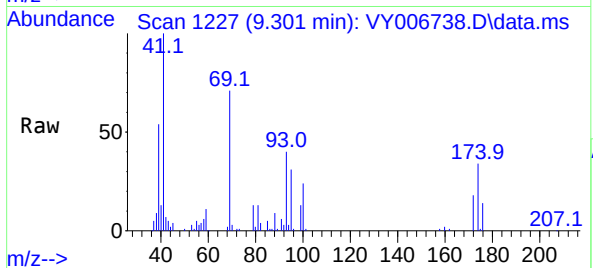
#49
1,4-Dioxane
Concen: 395.860 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

Tgt Ion: 88 Resp: 4060
Ion Ratio Lower Upper
88 100
43 49.4 34.1 51.1
58 86.3 57.5 86.3

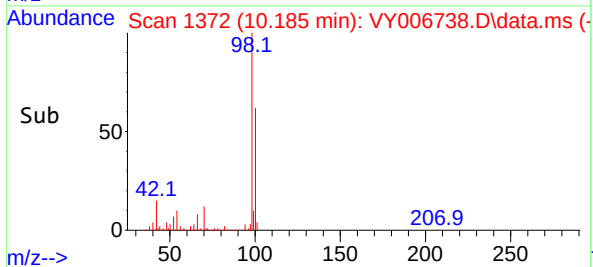
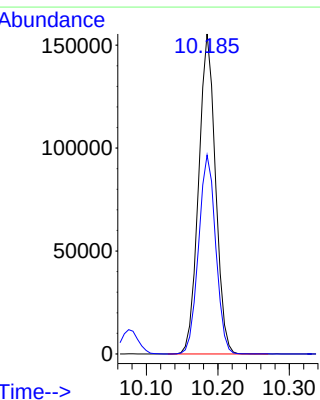
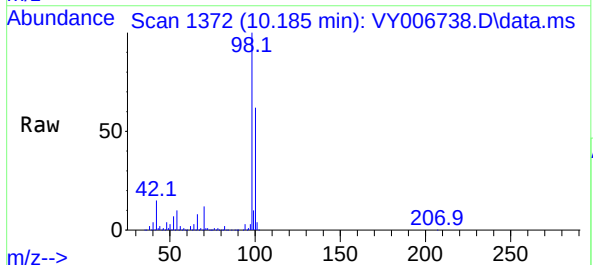
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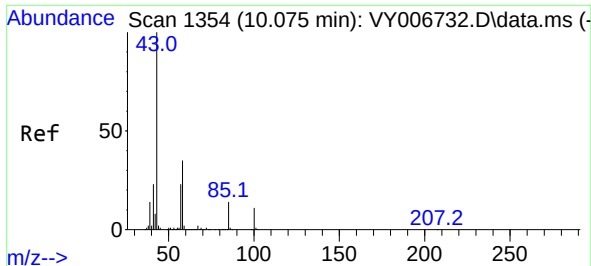
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 45.941 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 98 Resp: 254212
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





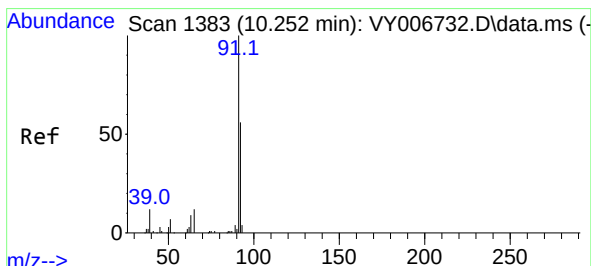
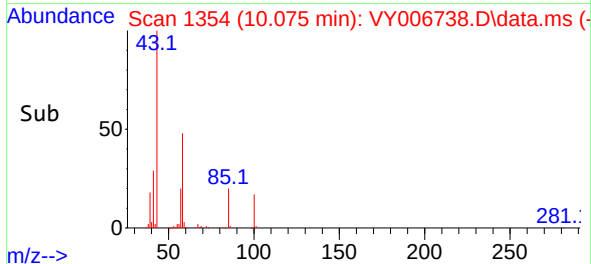
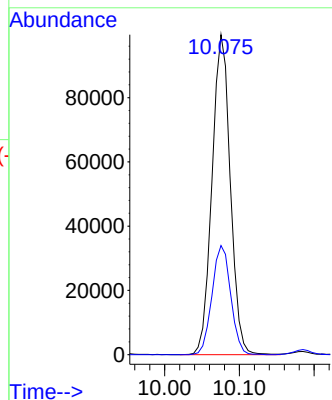
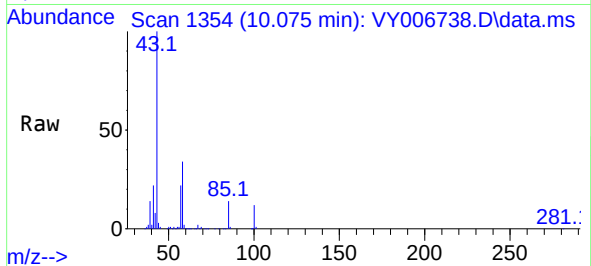
#51
4-Methyl-2-Pentanone
Concen: 108.628 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01

Tgt Ion: 43 Resp: 169808
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1

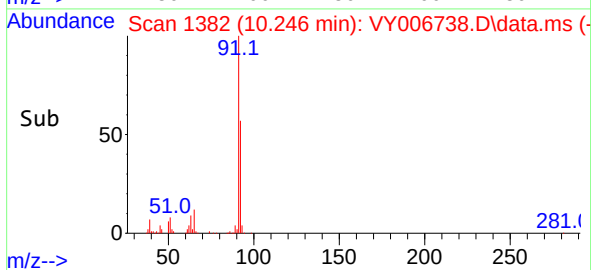
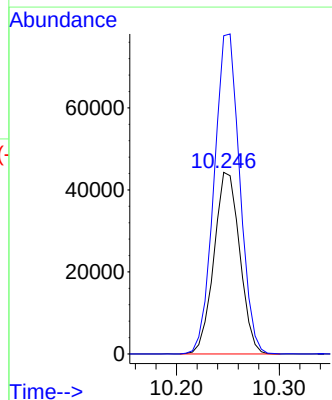
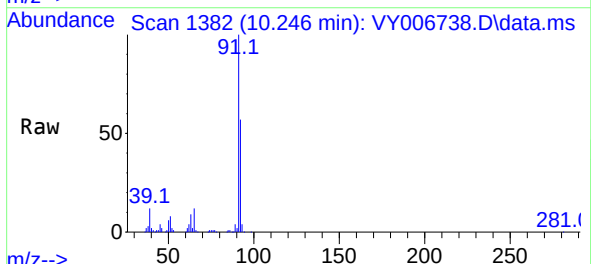
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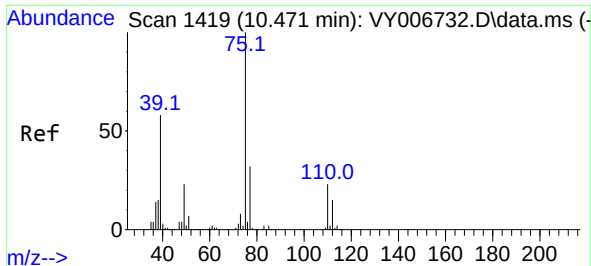
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 19.037 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

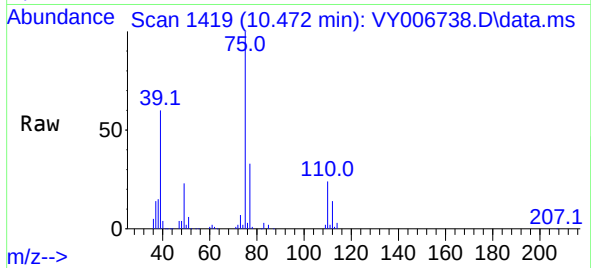
Tgt Ion: 92 Resp: 77006
Ion Ratio Lower Upper
92 100
91 175.5 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 19.946 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

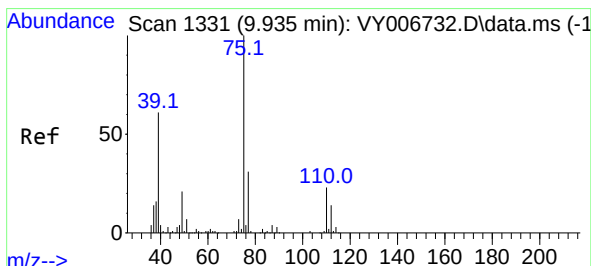
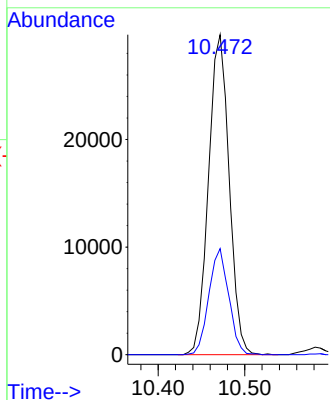
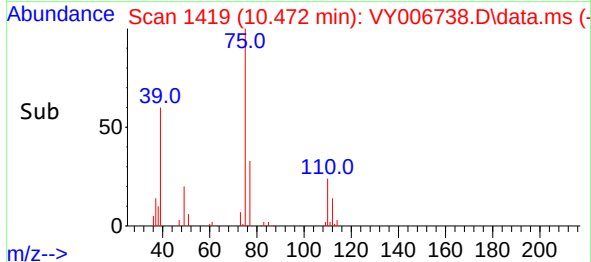
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



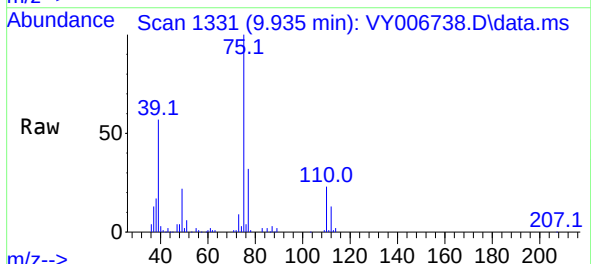
Tgt Ion: 75 Resp: 49280
Ion Ratio Lower Upper
75 100
77 33.1 24.9 37.3

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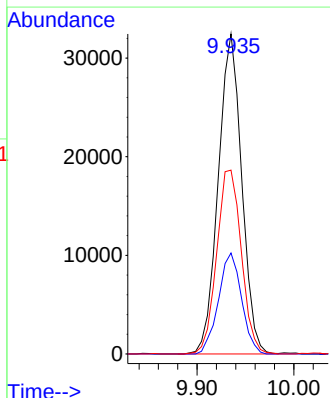
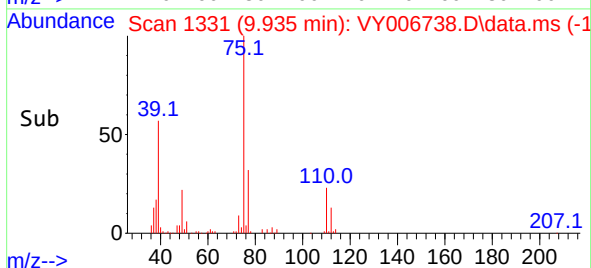
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

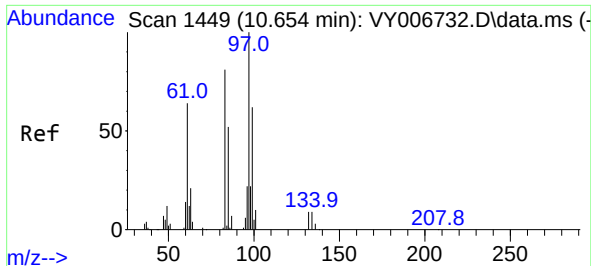


#54
cis-1,3-Dichloropropene
Concen: 19.712 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



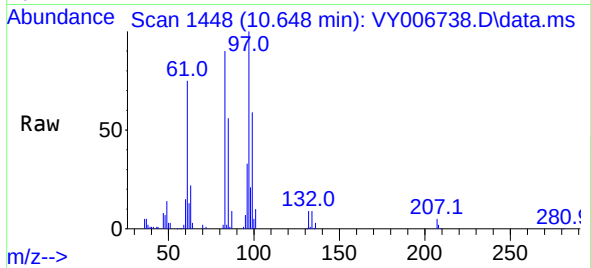
Tgt Ion: 75 Resp: 54627
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 57.5 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 20.451 ug/l
RT: 10.648 min Scan# 1449
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

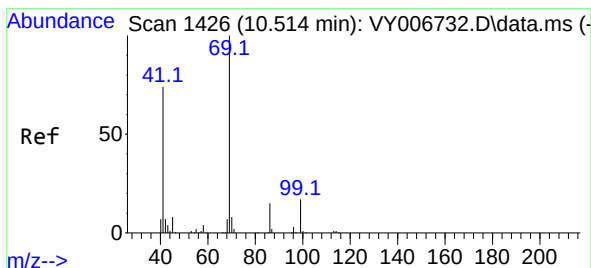
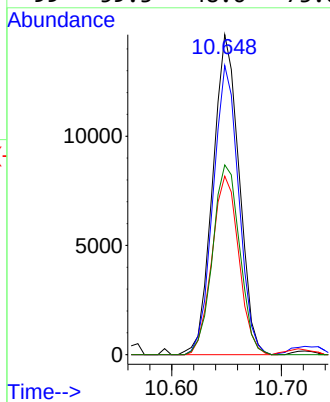
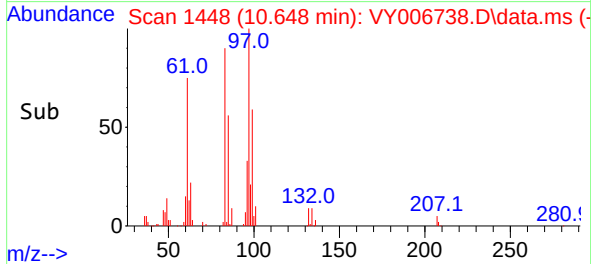
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



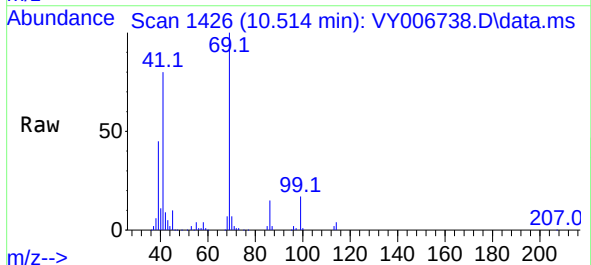
Tgt Ion: 97 Resp: 24439
Ion Ratio Lower Upper
97 100
83 90.3 66.2 99.2
85 55.8 42.2 63.4
99 59.3 48.6 73.0

Manual Integrations
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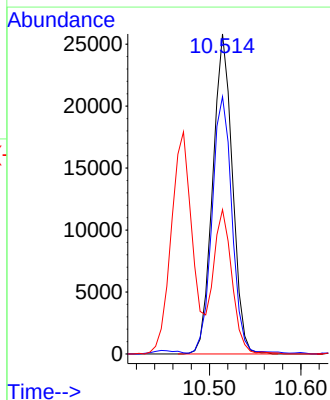
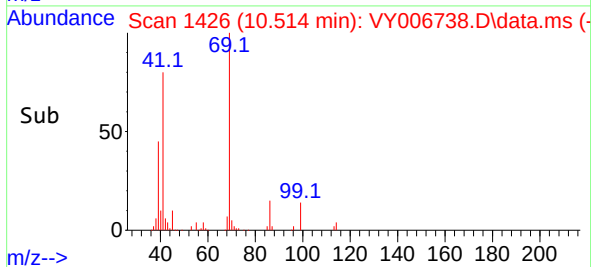
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

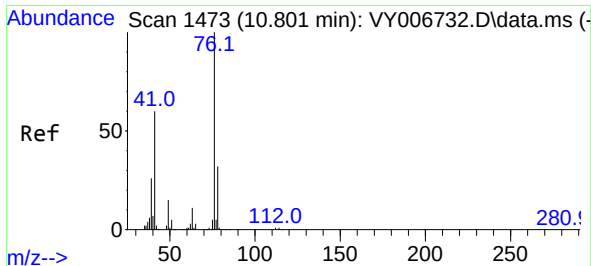


#56
Ethyl methacrylate
Concen: 20.778 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion: 69 Resp: 38596
Ion Ratio Lower Upper
69 100
41 81.1 62.9 94.3
39 42.0 35.7 53.5





#57

1,3-Dichloropropane

Concen: 20.649 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01

Tgt Ion: 76 Resp: 45028

Ion Ratio Lower Upper

76 100

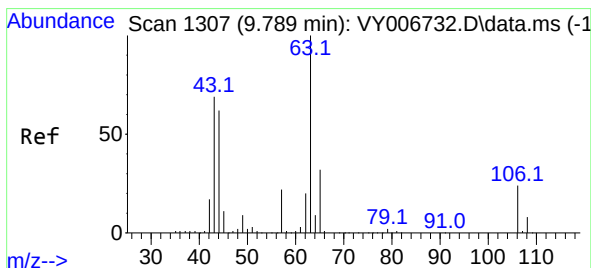
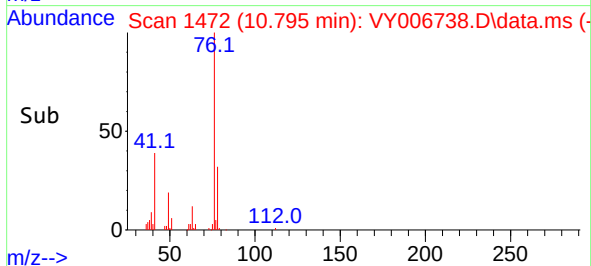
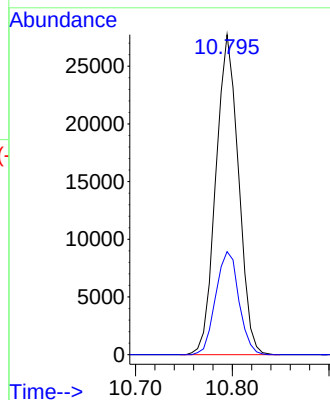
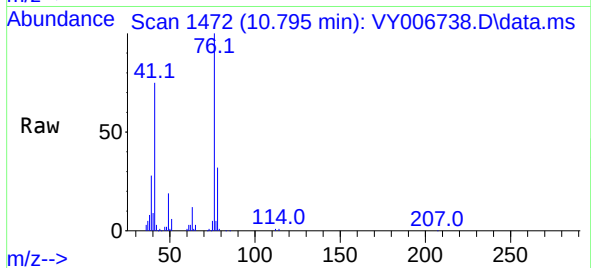
78 32.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/16/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 108.100 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY006738.D

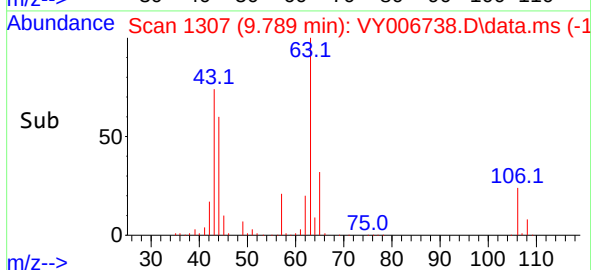
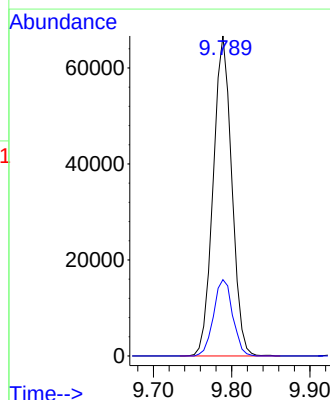
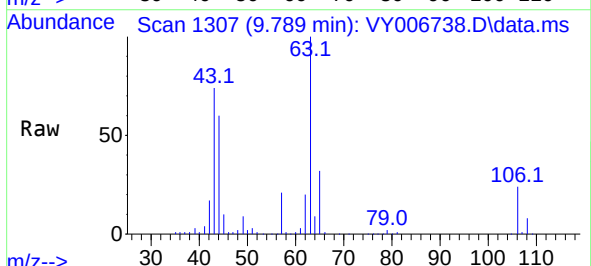
Acq: 15 Nov 2021 18:11

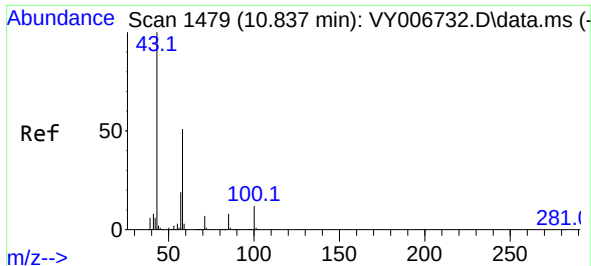
Tgt Ion: 63 Resp: 109936

Ion Ratio Lower Upper

63 100

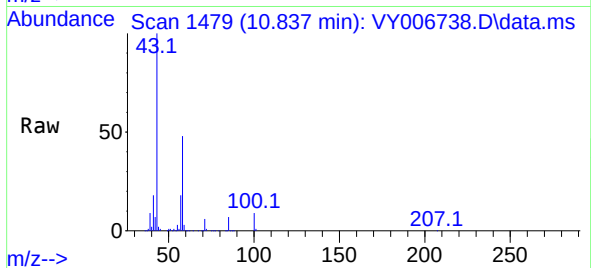
106 24.5 21.4 32.2





#59
2-Hexanone
Concen: 115.734 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

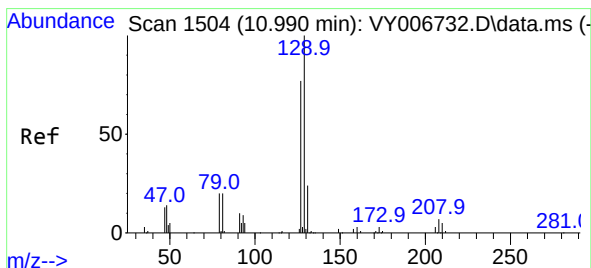
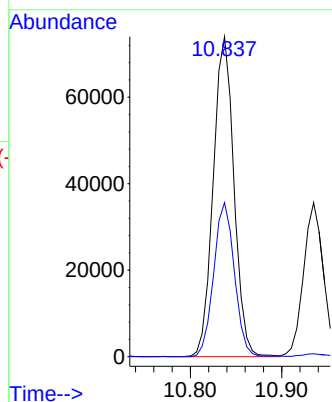
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01



Tgt Ion: 43 Resp: 116539
Ion Ratio Lower Upper
43 100
58 48.0 24.6 73.6

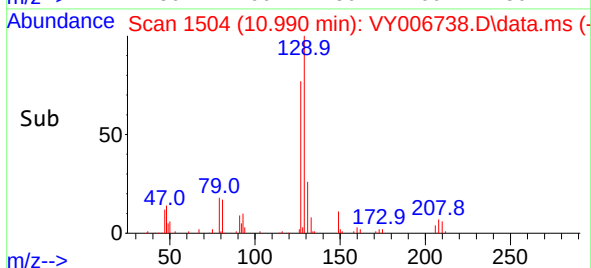
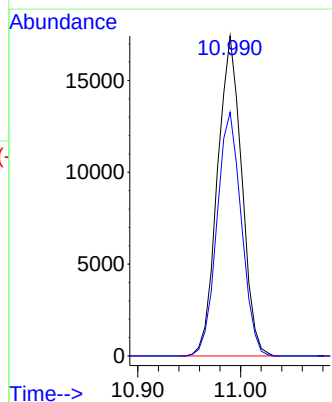
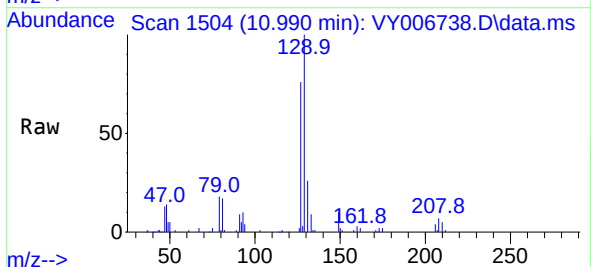
Manual Integrations
APPROVED

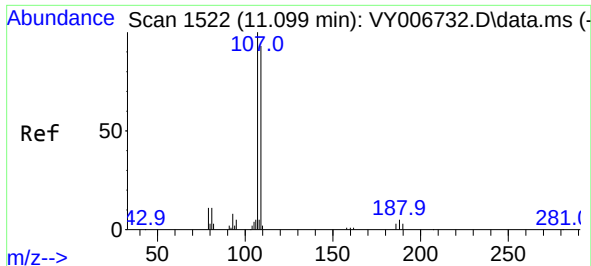
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 19.509 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:129 Resp: 28578
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1





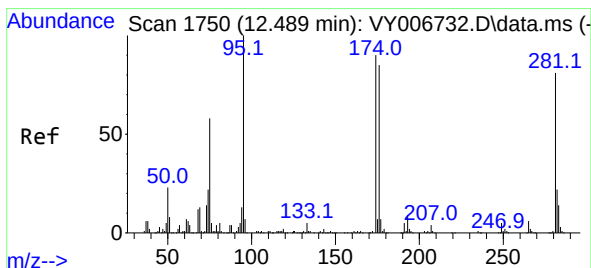
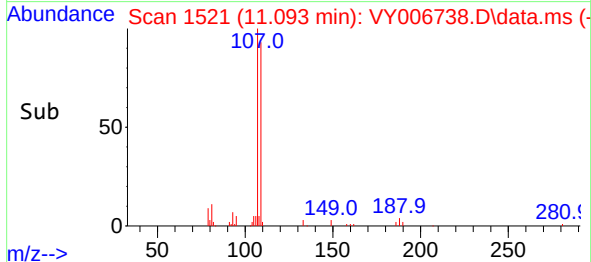
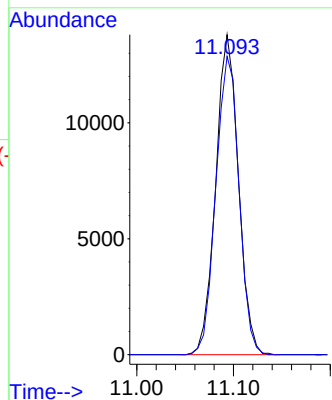
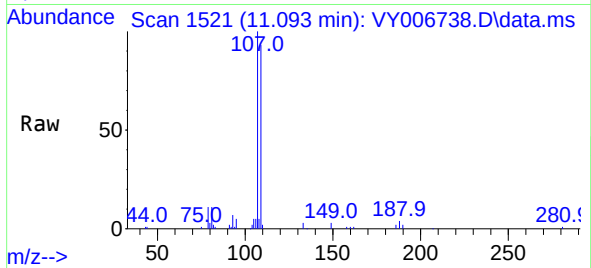
#61
1,2-Dibromoethane
Concen: 20.305 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:107 Resp: 2248
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2

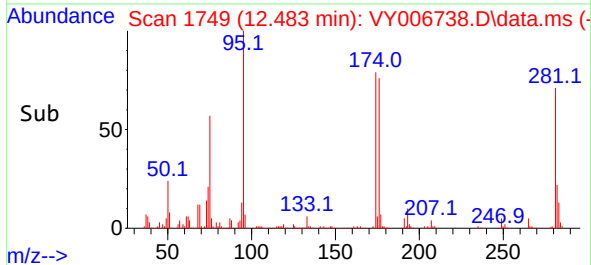
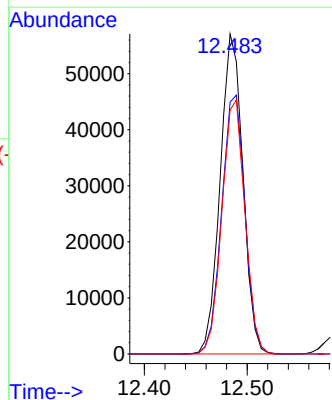
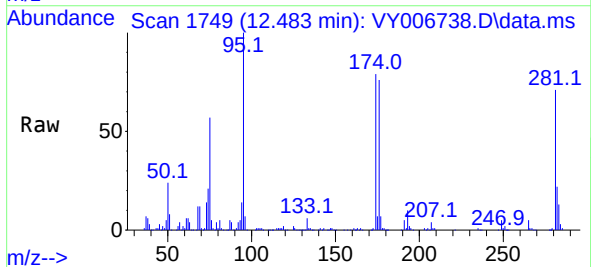
Manual Integrations
APPROVED

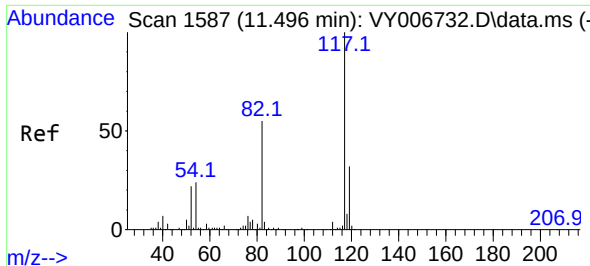
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 46.965 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

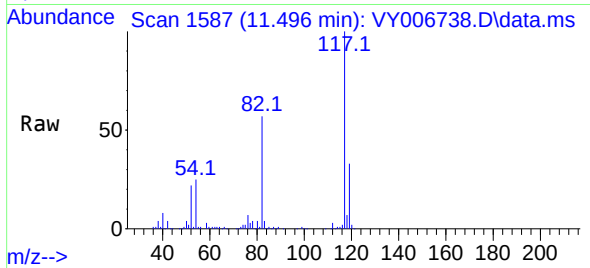
Tgt Ion: 95 Resp: 87611
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.5 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

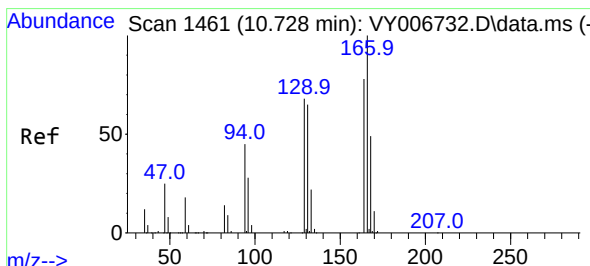
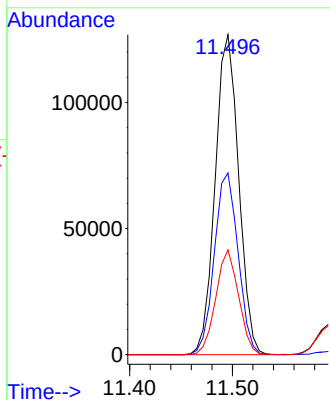
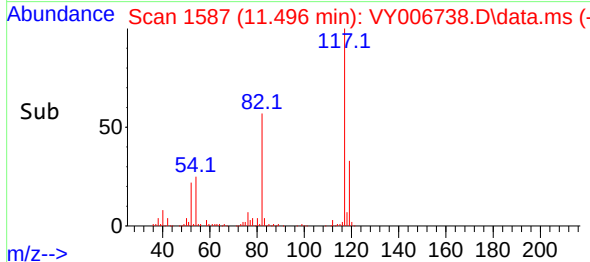
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion:117 Resp: 201310
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 32.8 25.5 38.3

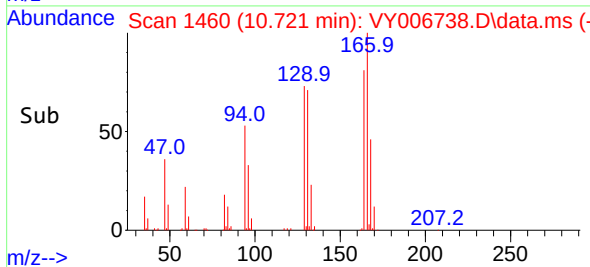
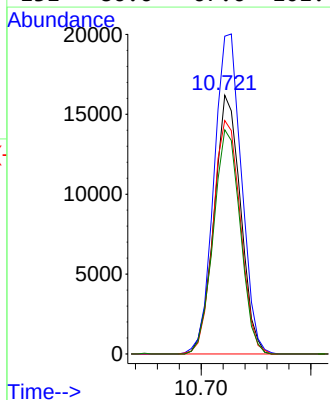
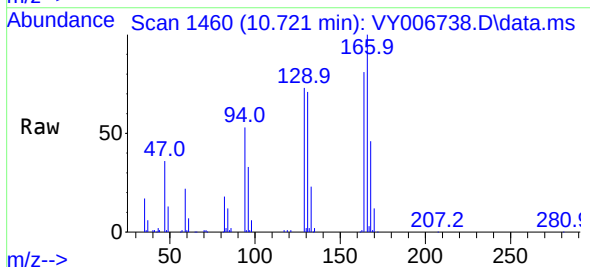
Manual Integrations
APPROVED

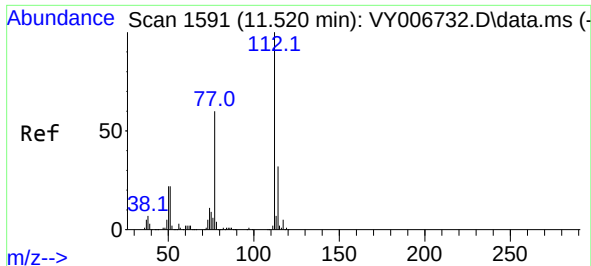
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 18.505 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

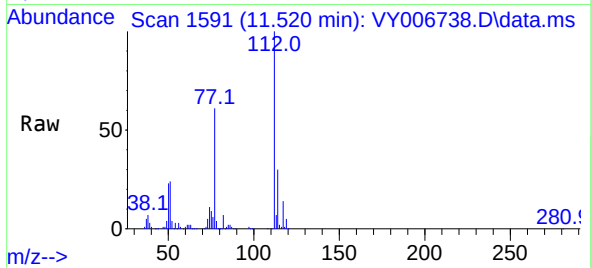
Tgt Ion:164 Resp: 27222
Ion Ratio Lower Upper
164 100
166 122.8 103.3 154.9
129 90.2 71.2 106.8
131 86.6 67.6 101.4





#65
Chlorobenzene
Concen: 19.273 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

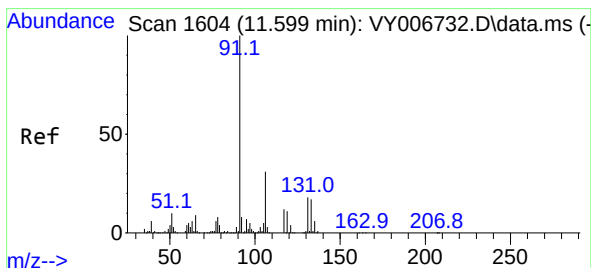
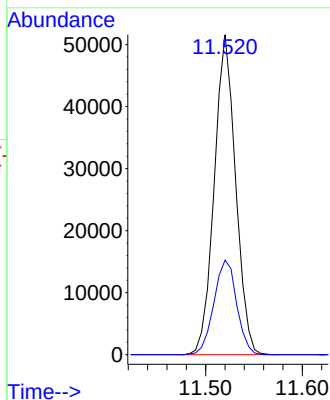
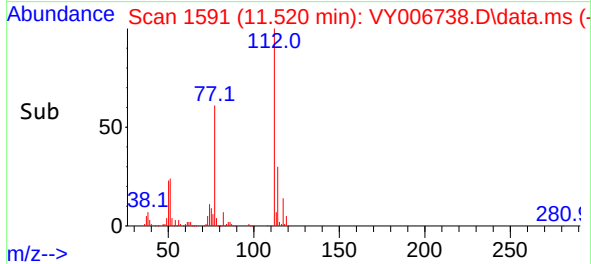
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



Tgt Ion:112 Resp: 7893
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.8

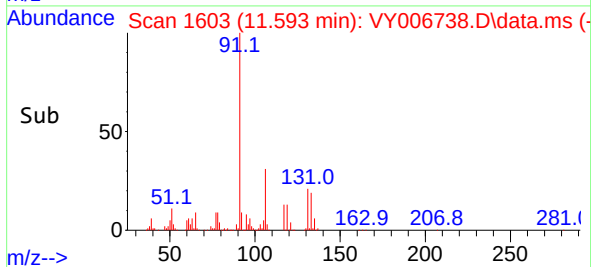
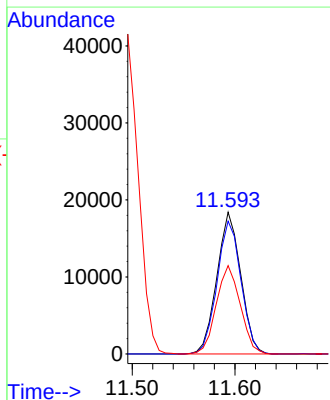
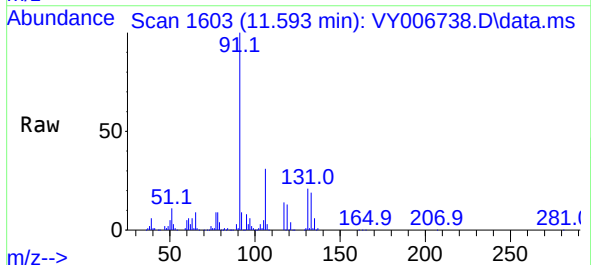
Manual Integrations
APPROVED

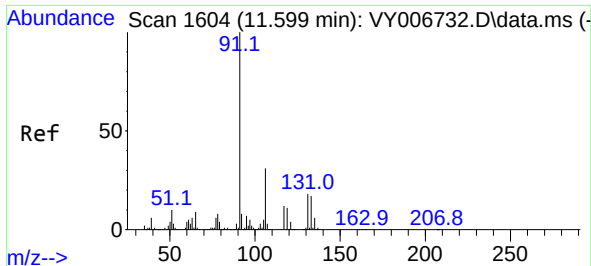
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 19.335 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

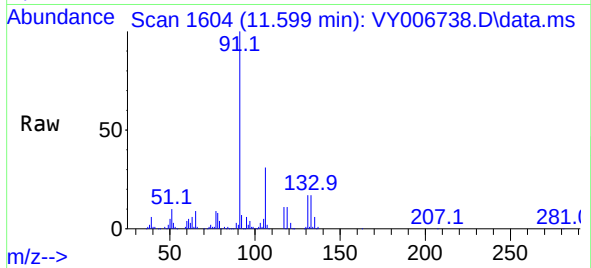
Tgt Ion:131 Resp: 29614
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 62.7 30.8 92.4





#67
Ethyl Benzene
Concen: 18.534 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

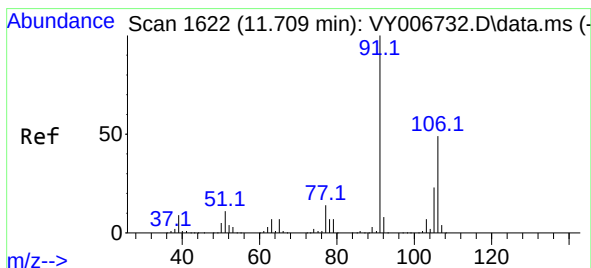
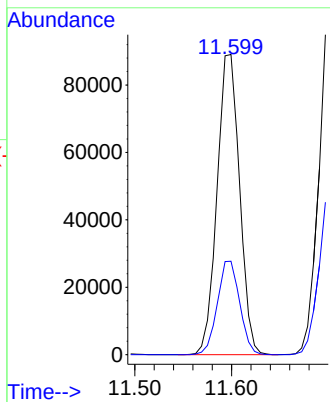
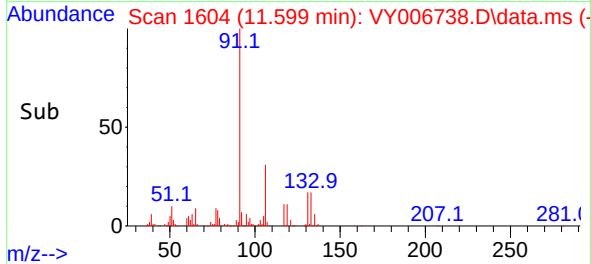
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



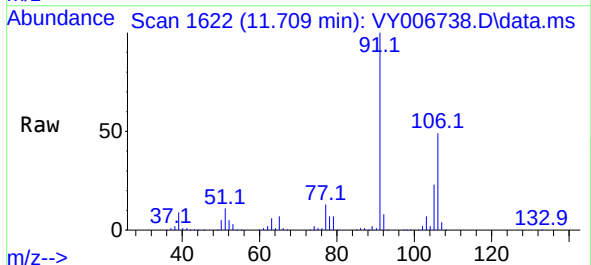
Tgt Ion: 91 Resp: 14388
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

Manual Integrations
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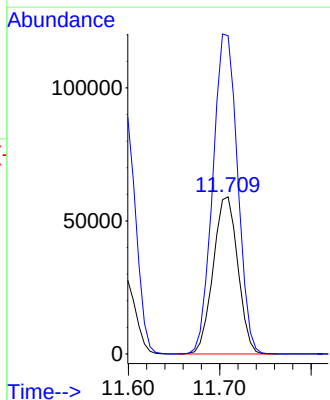
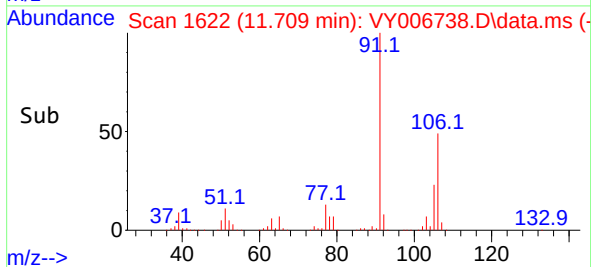
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

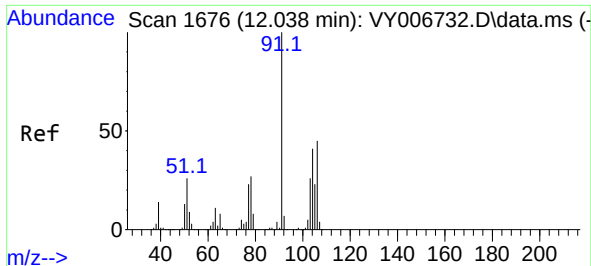


#68
m/p-Xylenes
Concen: 37.415 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion:106 Resp: 110697
Ion Ratio Lower Upper
106 100
91 204.7 167.5 251.3





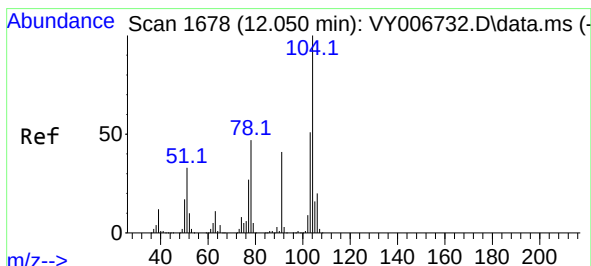
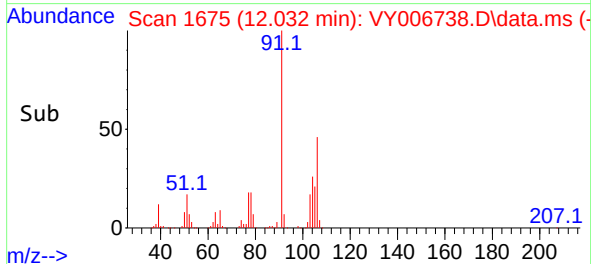
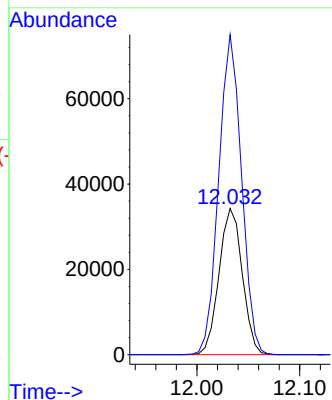
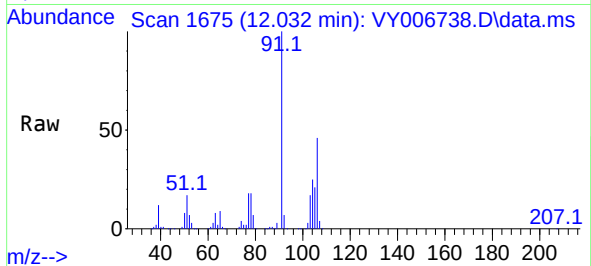
#69
o-Xylene
Concen: 19.243 ug/l
RT: 12.032 min Scan# 106
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:106 Resp: 5393
Ion Ratio Lower Upper
106 100
91 214.3 110.3 330.9

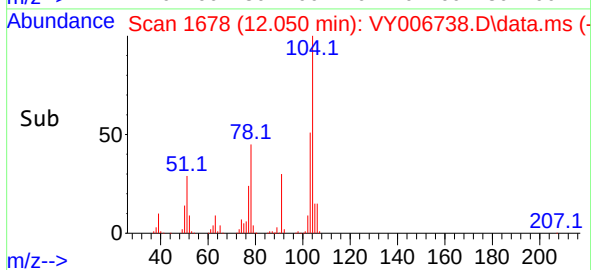
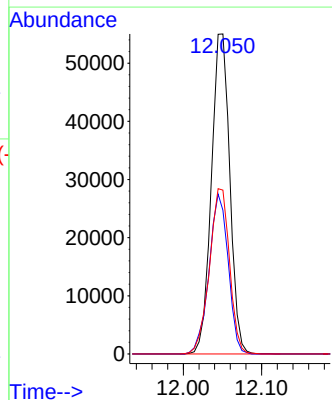
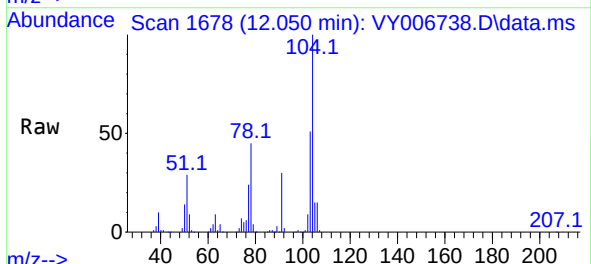
Manual Integrations
APPROVED

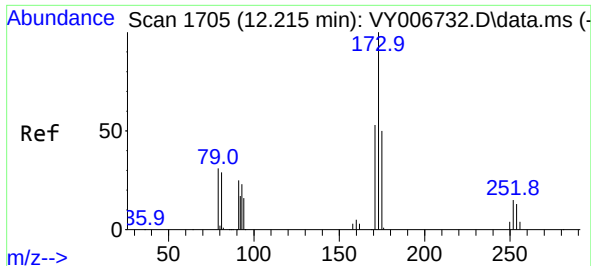
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 18.981 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:104 Resp: 89849
Ion Ratio Lower Upper
104 100
78 51.9 42.6 63.8
103 56.2 44.6 67.0





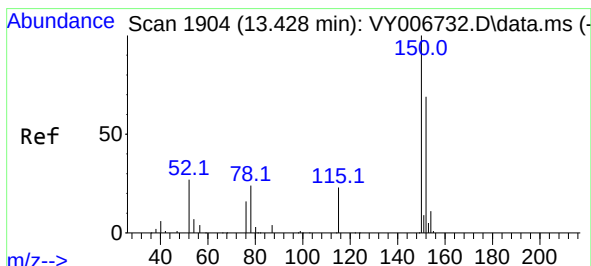
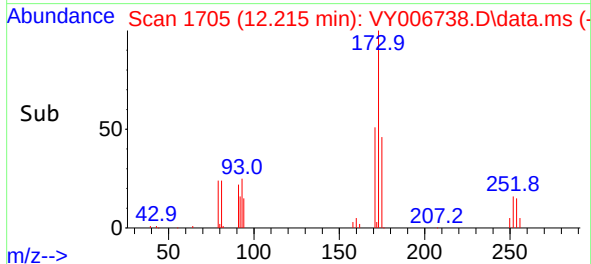
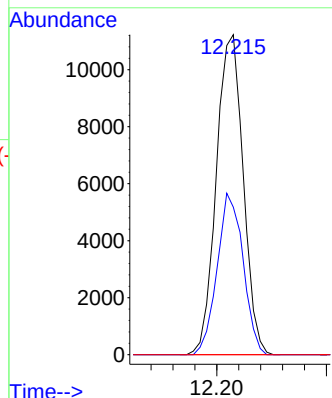
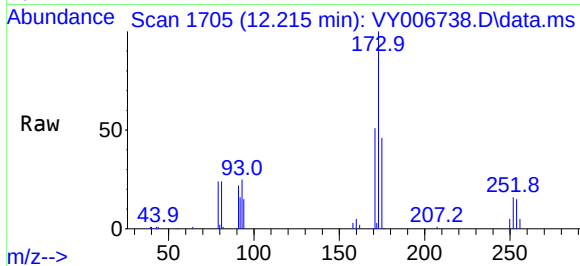
#71
Bromoform
Concen: 20.608 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:173 Resp: 1910
Ion Ratio Lower Upper
173 100
175 48.7 24.8 74.3
254 0.0 0.1 0.1

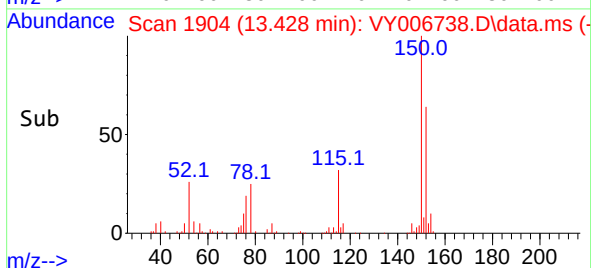
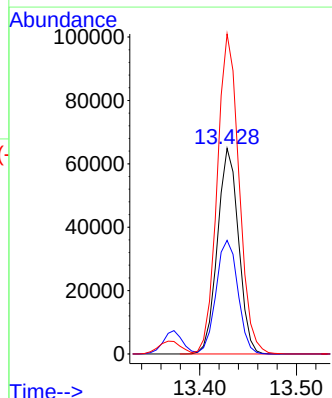
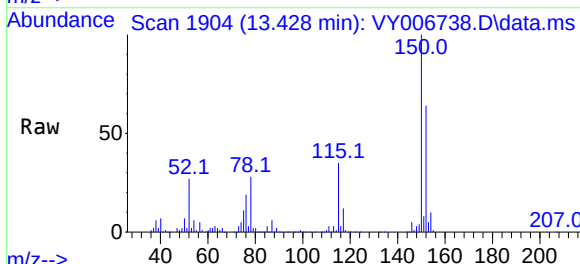
Manual Integrations
APPROVED

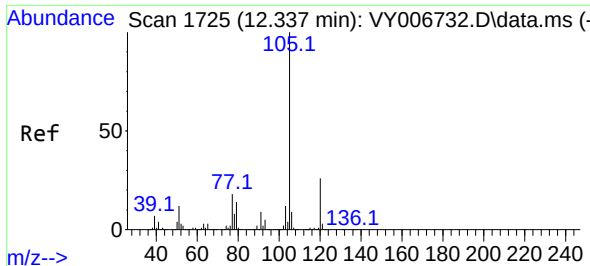
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:152 Resp: 98011
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 161.7 0.0 348.2





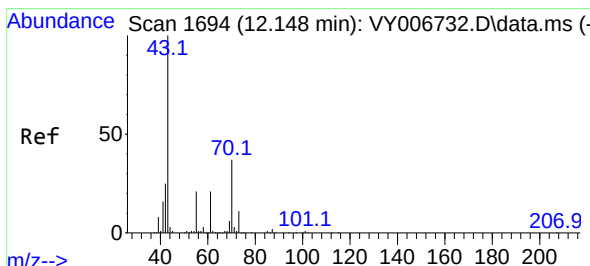
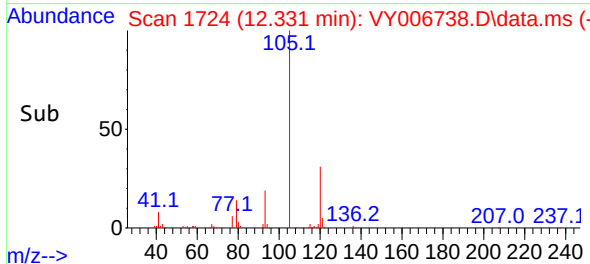
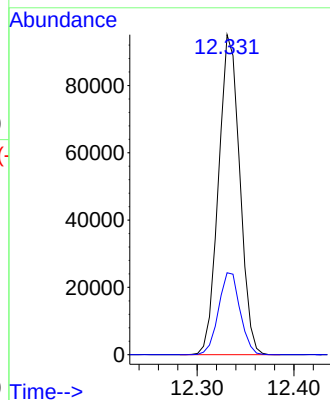
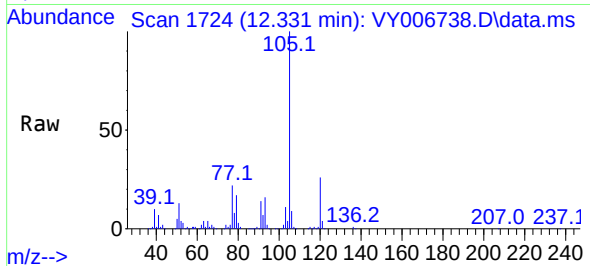
#73
Isopropylbenzene
Concen: 19.393 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:105 Resp: 144740
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

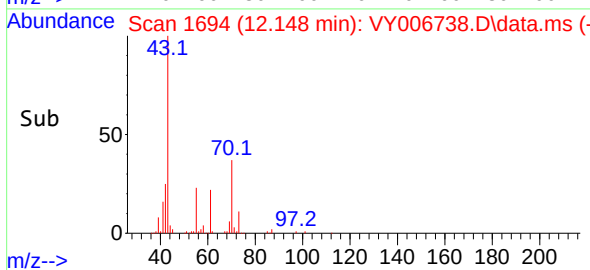
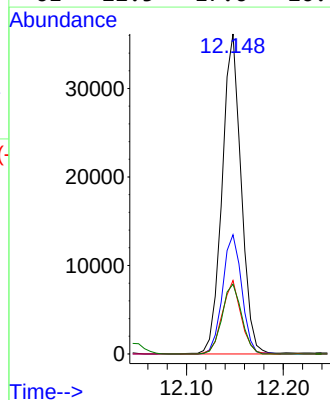
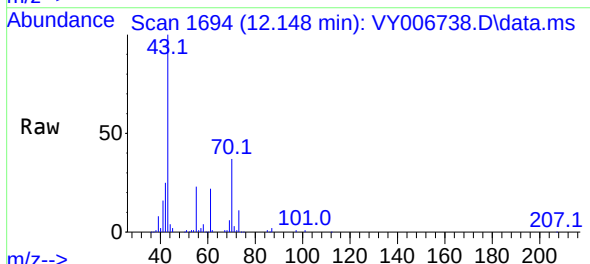
Manual Integrations
APPROVED

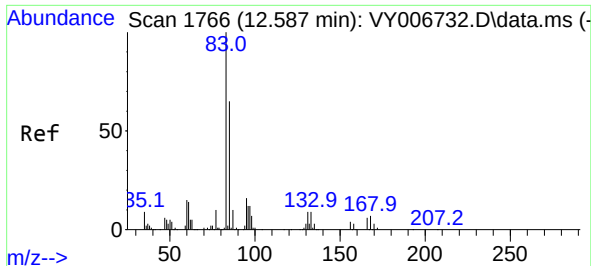
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 20.236 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 43 Resp: 49301
Ion Ratio Lower Upper
43 100
70 37.5 29.4 44.0
55 22.6 18.1 27.1
61 22.5 17.6 26.4





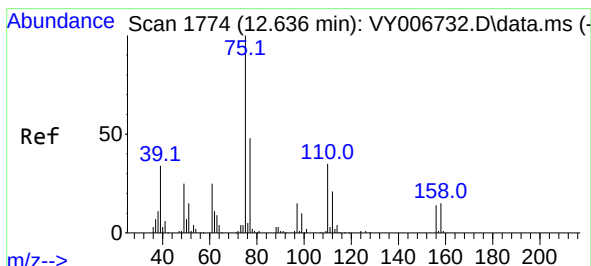
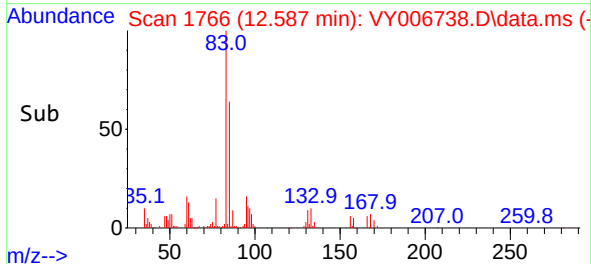
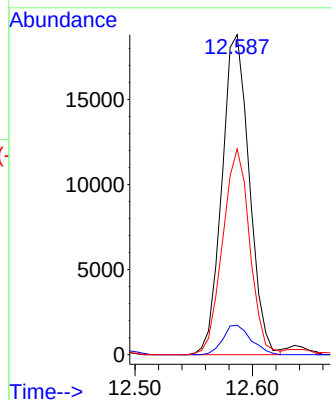
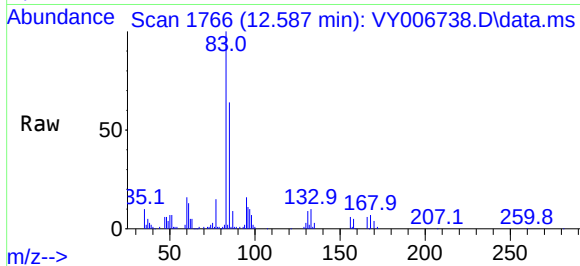
#75
1,1,2,2-Tetrachloroethane
Concen: 22.082 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 83 Resp: 30494
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.4
85 63.6 31.9 95.9

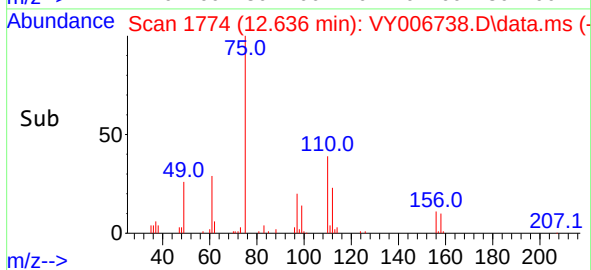
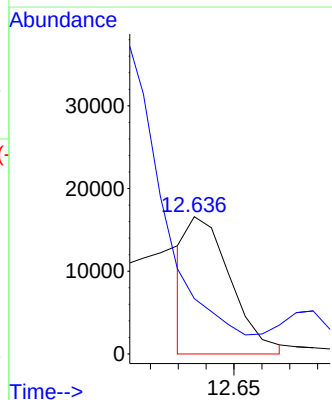
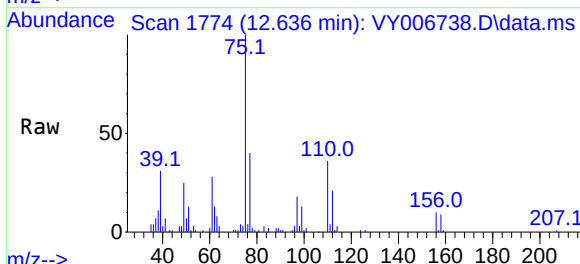
Manual Integrations
APPROVED

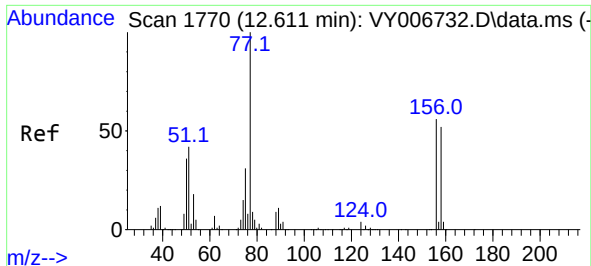
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 16.817 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 75 Resp: 17920
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





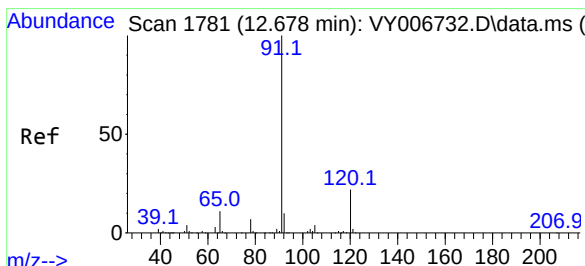
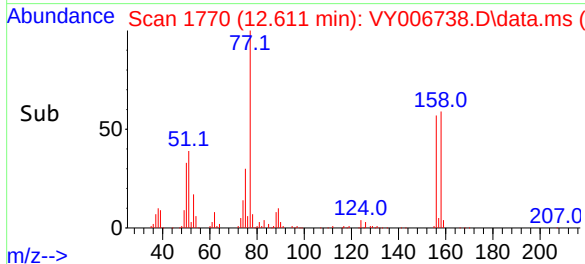
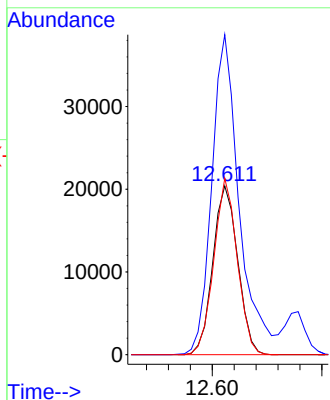
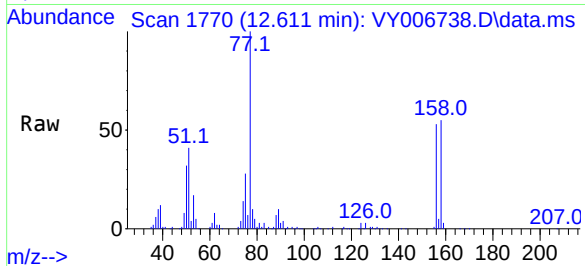
#77
Bromobenzene
Concen: 18.911 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:156 Resp: 32145
Ion Ratio Lower Upper
156 100
77 207.4 94.2 282.4
158 98.5 48.6 145.8

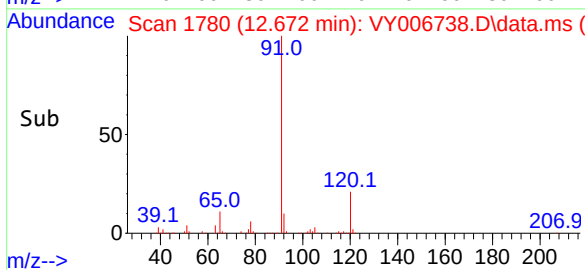
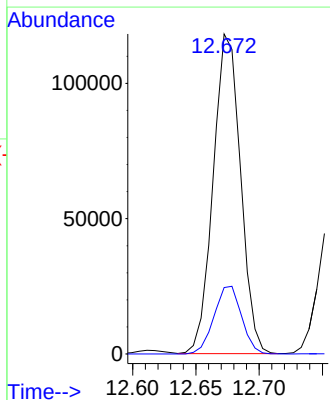
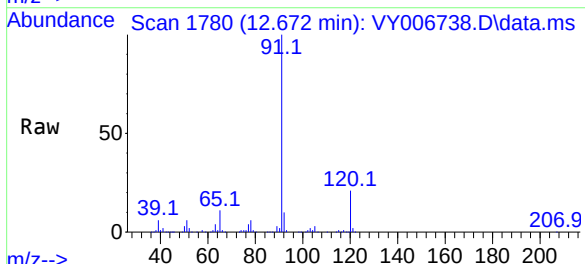
Manual Integrations
APPROVED

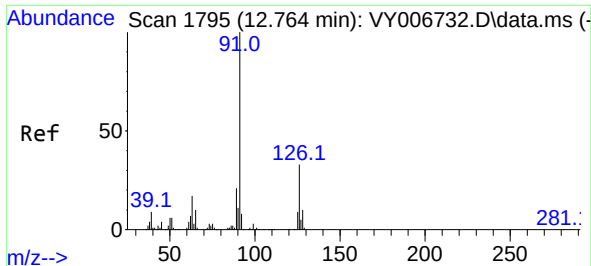
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 19.534 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion: 91 Resp: 177739
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.8





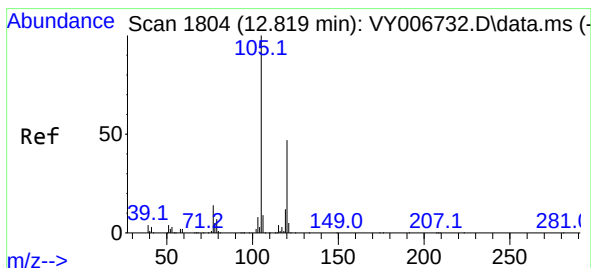
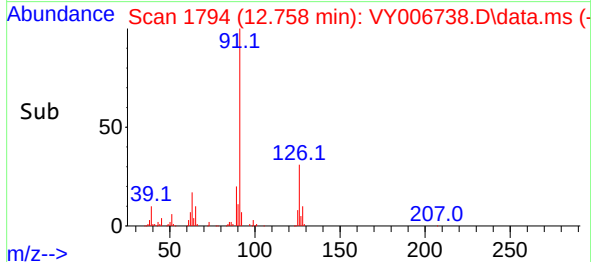
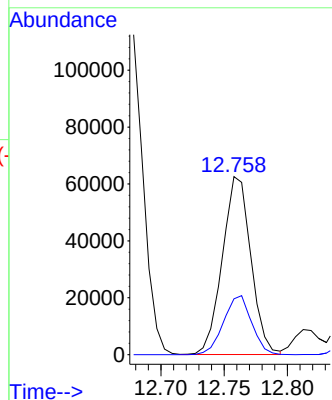
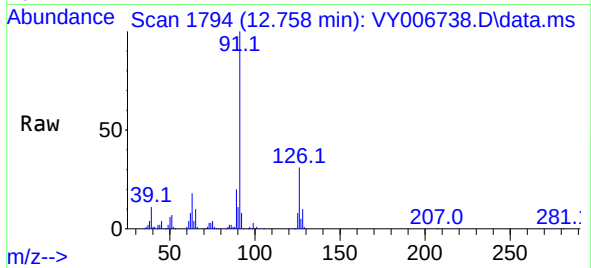
#79
2-Chlorotoluene
Concen: 19.743 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 91 Resp: 9830
Ion Ratio Lower Upper
91 100
126 32.7 17.1 51.2

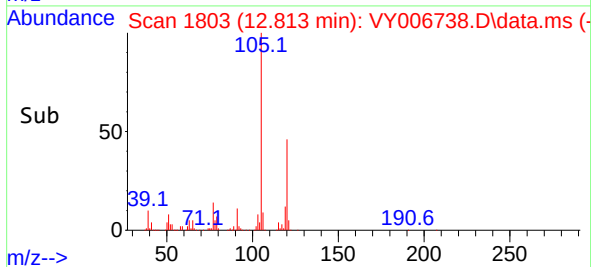
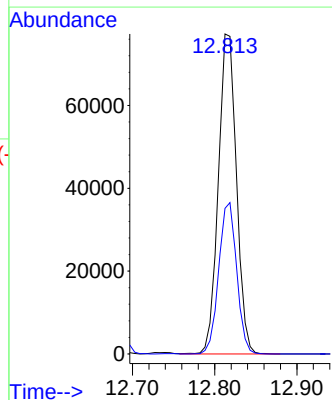
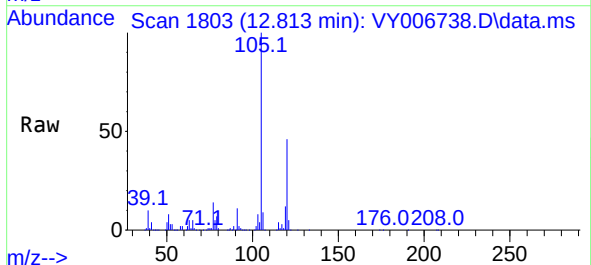
Manual Integrations
APPROVED

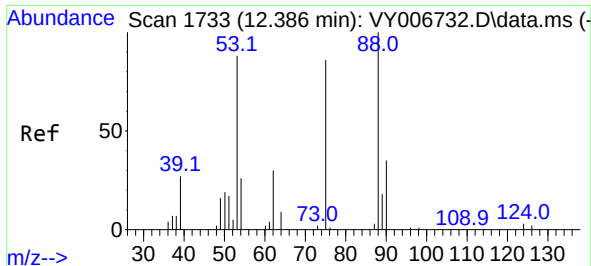
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.350 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:105 Resp: 118368
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.4





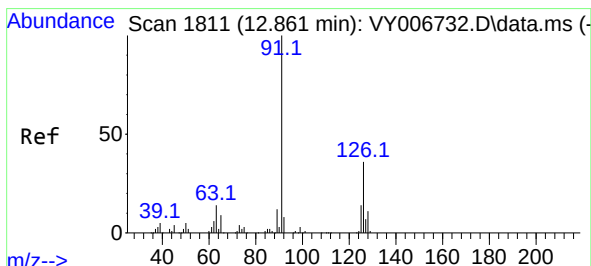
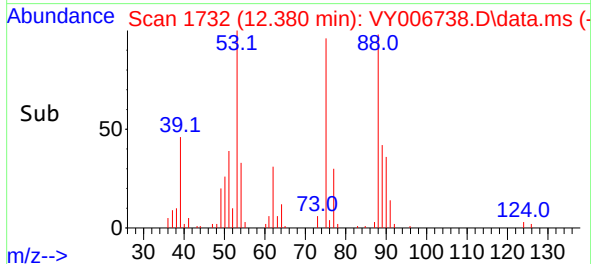
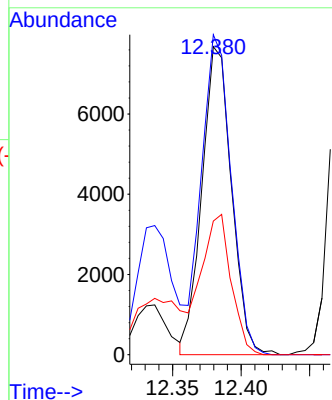
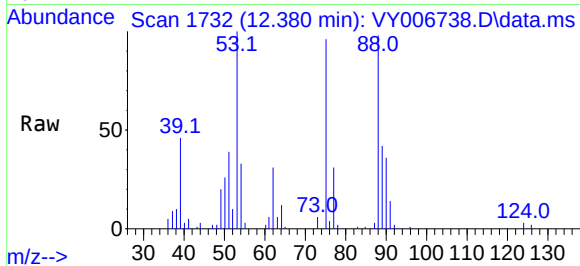
#81
trans-1,4-Dichloro-2-butene
Concen: 21.498 ug/l
RT: 12.380 min Scan# 1156
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 75 Resp: 1156
Ion Ratio Lower Upper
75 100
53 102.3 85.8 128.6
89 45.0 39.3 58.9

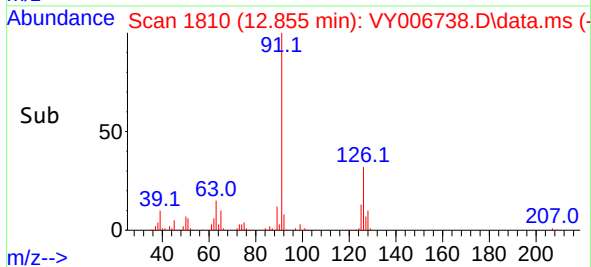
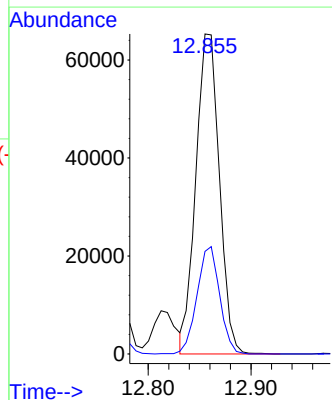
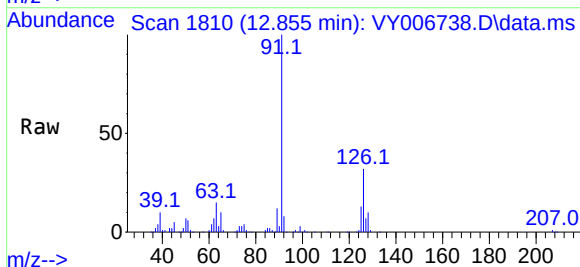
Manual Integrations
APPROVED

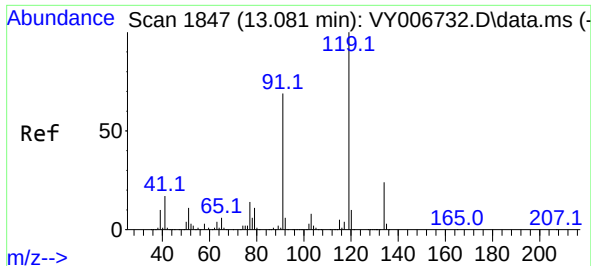
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 19.987 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

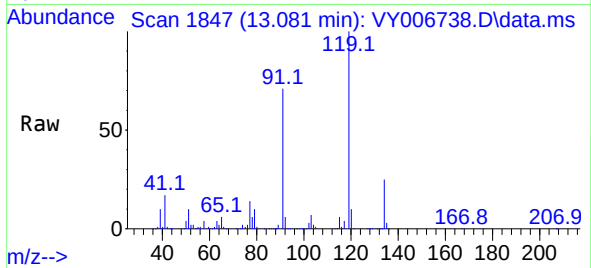
Tgt Ion: 91 Resp: 104030
Ion Ratio Lower Upper
91 100
126 32.3 16.8 50.4





#83
tert-Butylbenzene
Concen: 19.167 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

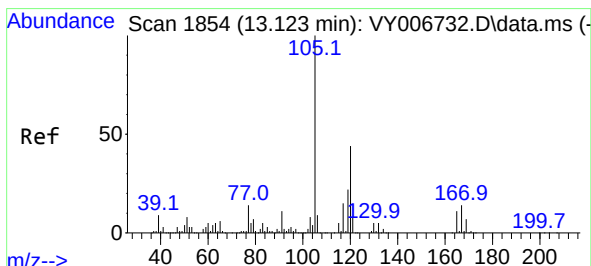
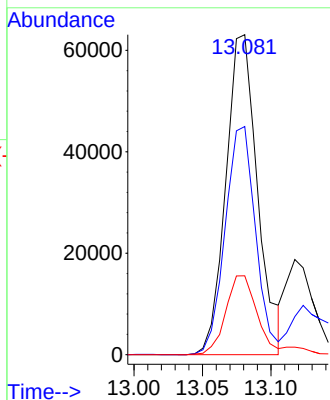
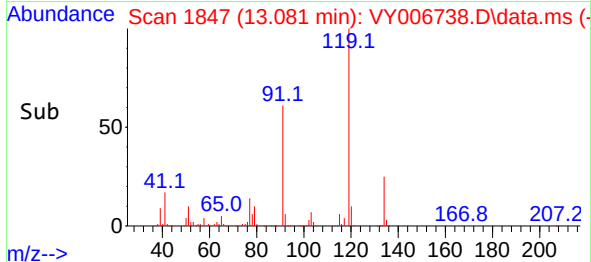
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01



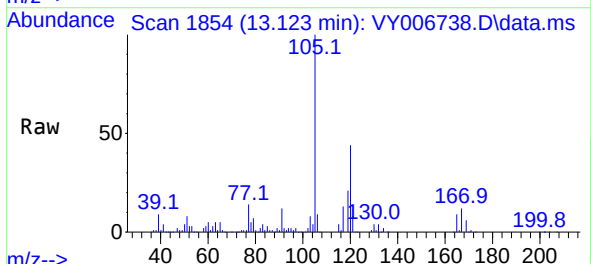
Tgt Ion:119 Resp: 101835
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.5
134 26.1 13.0 38.9

Manual Integrations
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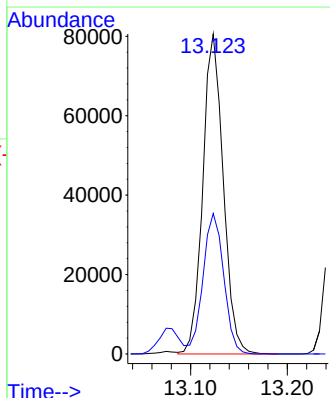
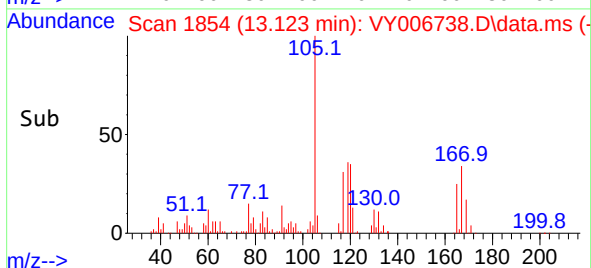
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

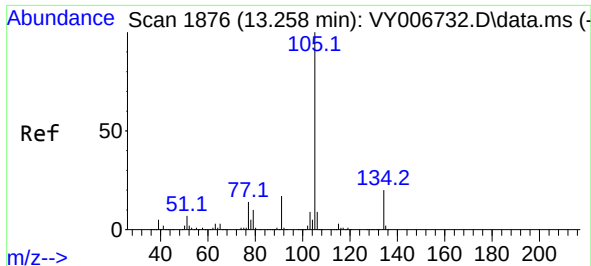


#84
1,2,4-Trimethylbenzene
Concen: 19.440 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion:105 Resp: 118728
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





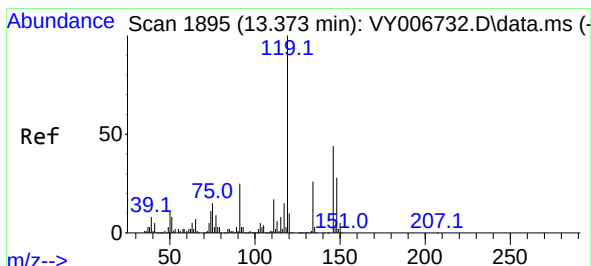
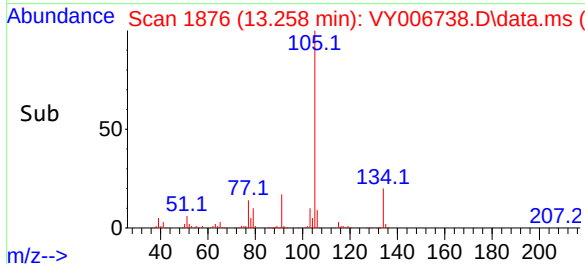
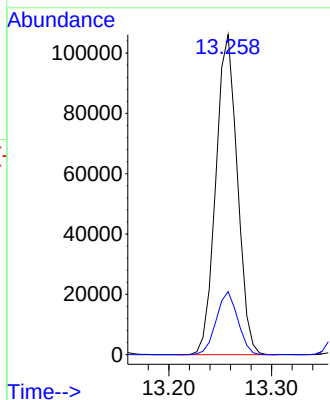
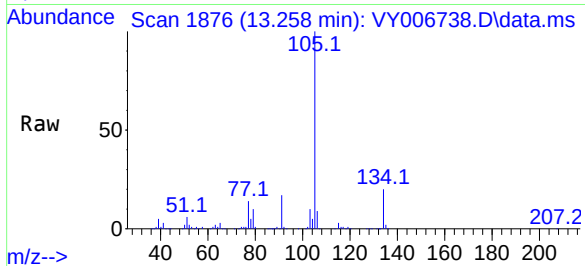
#85
 sec-Butylbenzene
 Concen: 19.472 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY006738.D
 Acq: 15 Nov 2021 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Tgt Ion:105 Resp: 15407
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.3

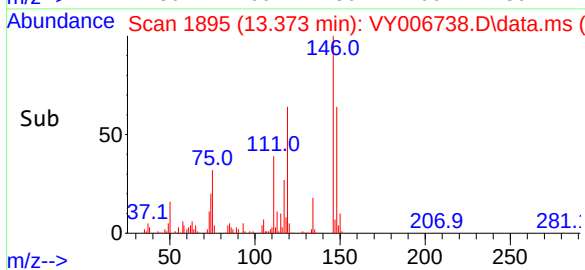
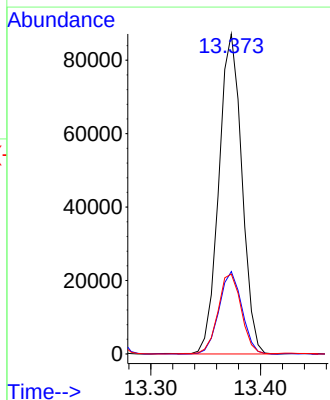
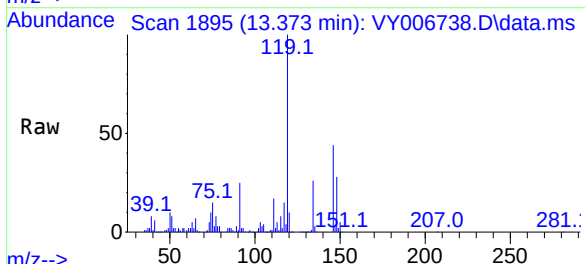
Manual Integrations
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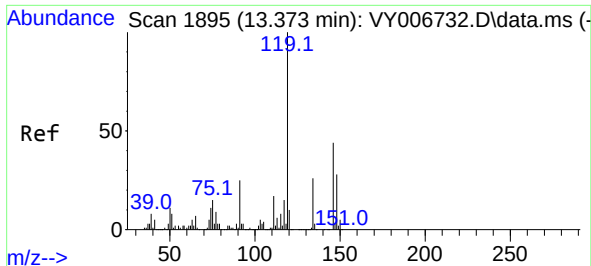
Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 18.990 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY006738.D
 Acq: 15 Nov 2021 18:11

Tgt Ion:119 Resp: 127193
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.947 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY006738.D

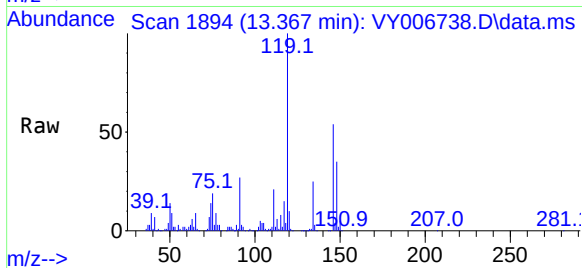
Acq: 15 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

VY1115SBS01



Tgt Ion:146 Resp: 6414

Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.9

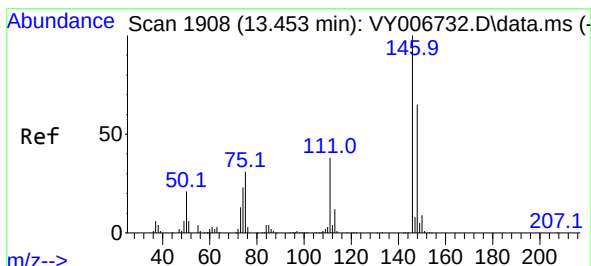
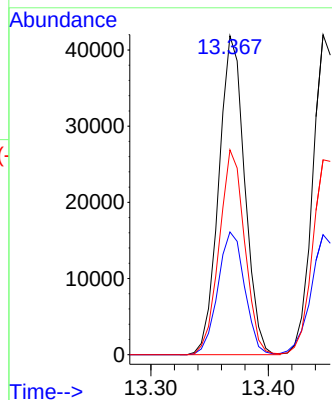
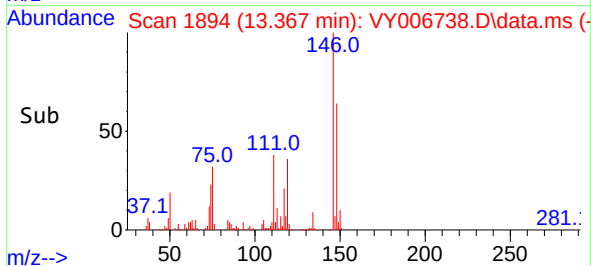
148 63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/16/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 19.281 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY006738.D

Acq: 15 Nov 2021 18:11

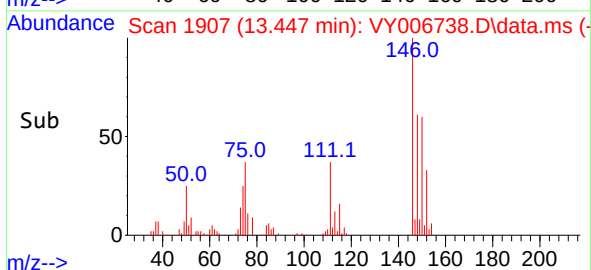
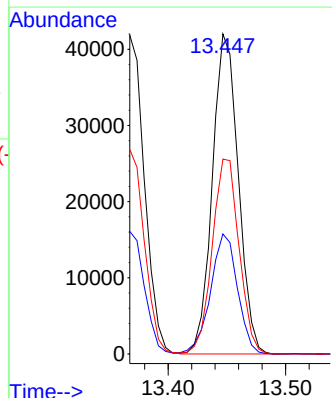
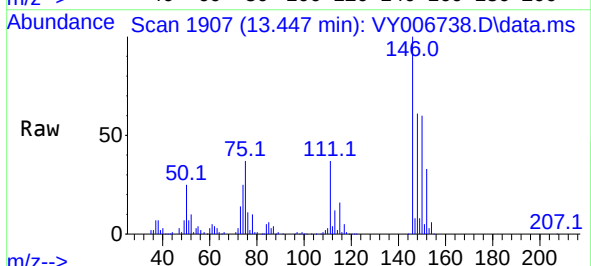
Tgt Ion:146 Resp: 64410

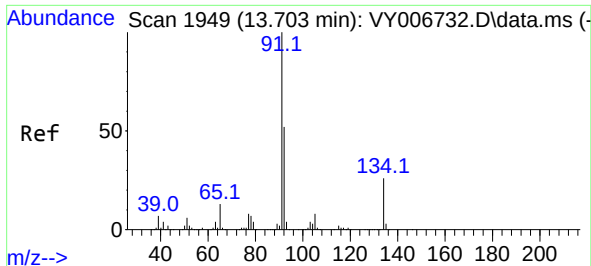
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.5

148 63.1 32.0 96.2





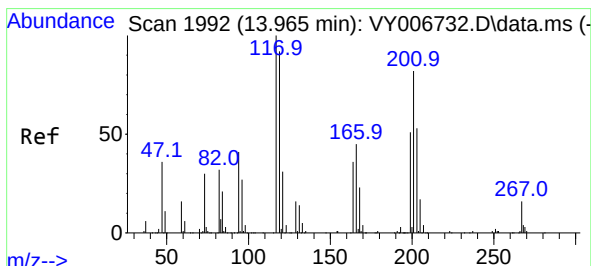
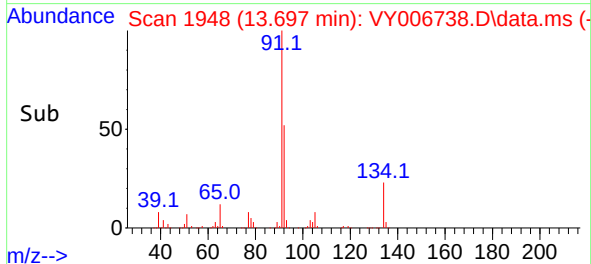
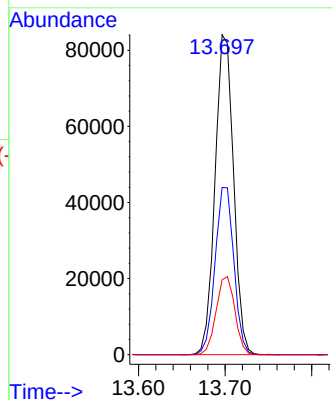
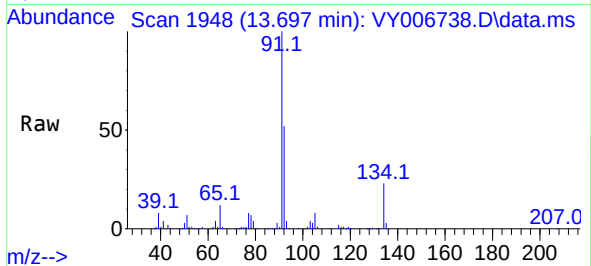
#89
n-Butylbenzene
Concen: 19.746 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion: 91 Resp: 124800
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 24.8 12.9 38.7

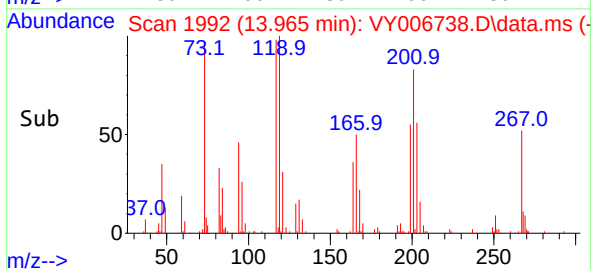
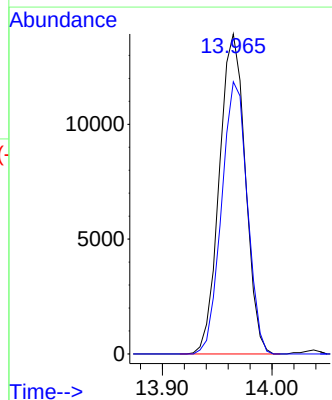
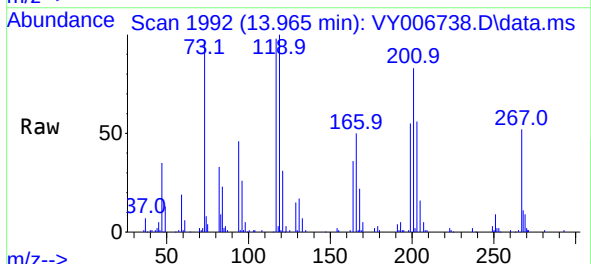
Manual Integrations
APPROVED

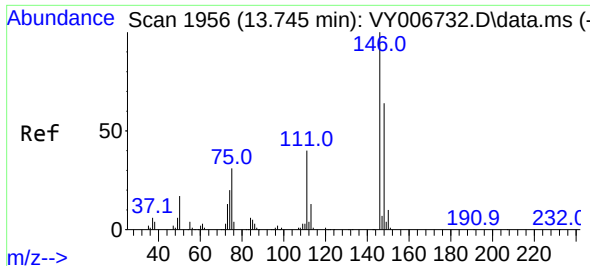
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 19.013 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:117 Resp: 22951
Ion Ratio Lower Upper
117 100
201 84.0 43.4 130.1





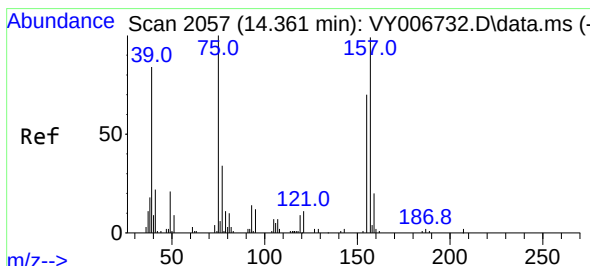
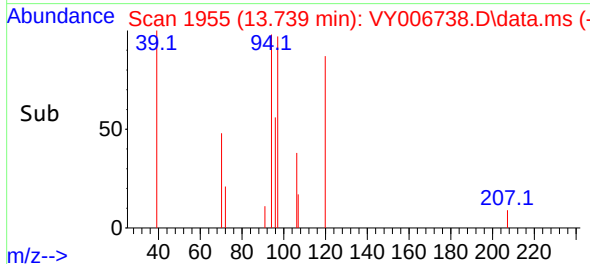
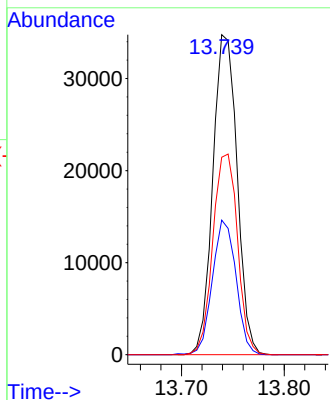
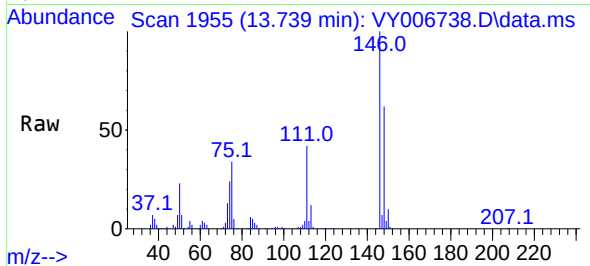
#91
1,2-Dichlorobenzene
Concen: 19.487 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:146 Resp: 56854
Ion Ratio Lower Upper
146 100
111 41.2 20.1 60.3
148 63.9 31.9 95.7

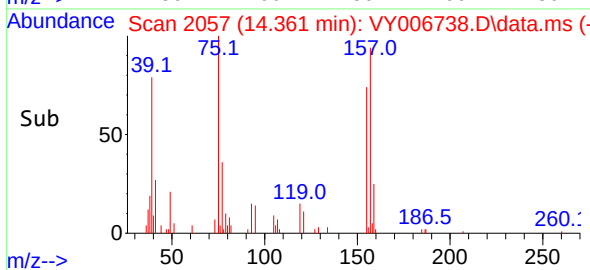
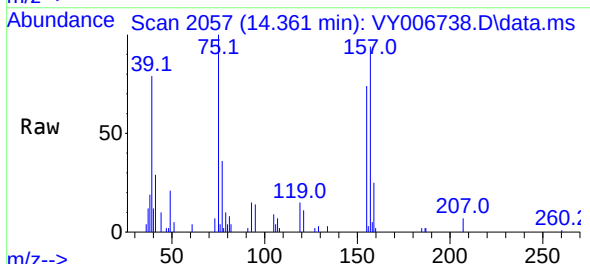
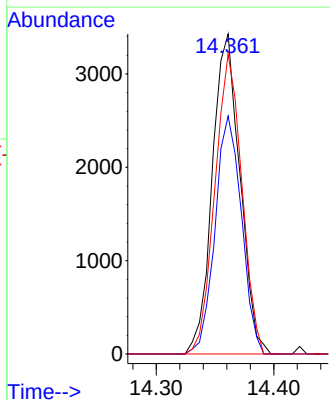
Manual Integrations
APPROVED

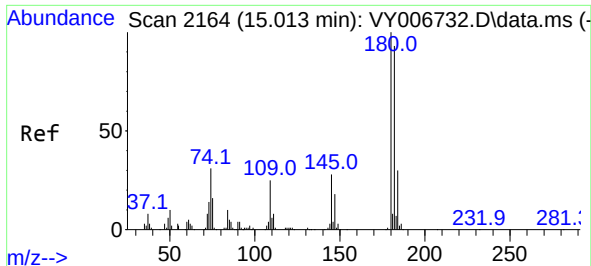
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.924 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

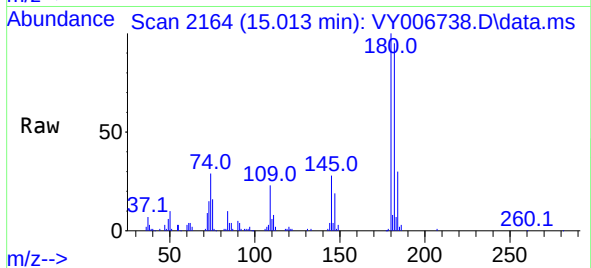
Tgt Ion: 75 Resp: 5596
Ion Ratio Lower Upper
75 100
155 71.1 39.0 116.9
157 91.4 49.2 147.6





#93
1,2,4-Trichlorobenzene
Concen: 19.197 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

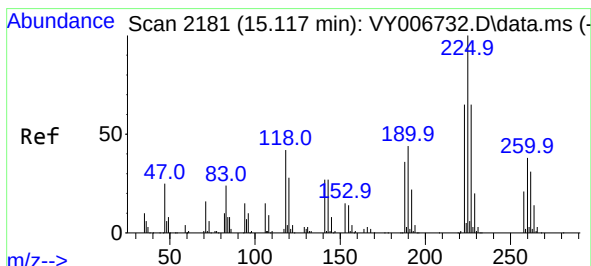
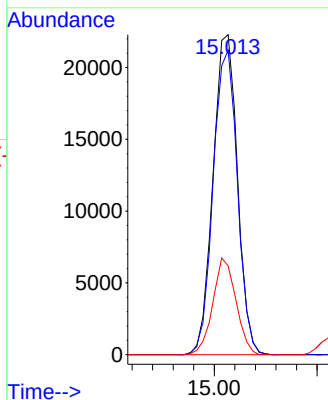
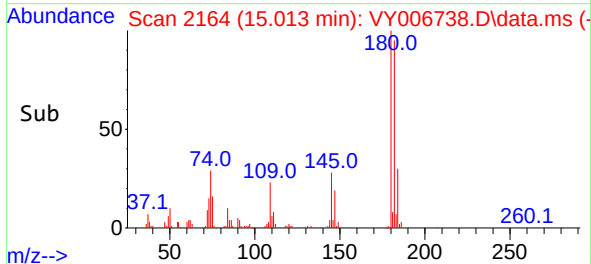
Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBSD01



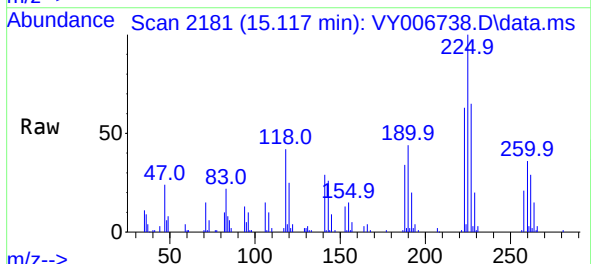
Tgt Ion:180 Resp: 36639
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.4
145 28.8 14.5 43.6

Manual Integrations
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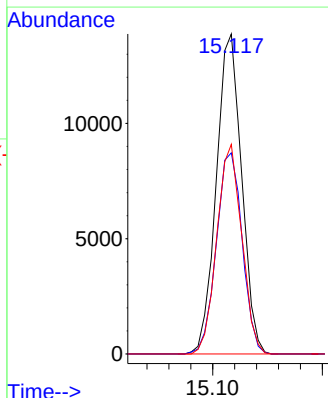
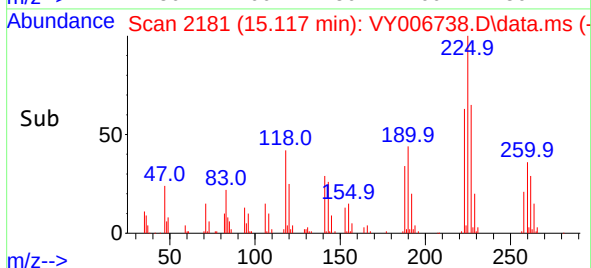
Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021

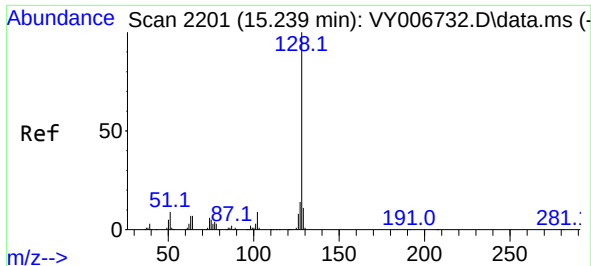


#94
Hexachlorobutadiene
Concen: 17.865 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11



Tgt Ion:225 Resp: 22249
Ion Ratio Lower Upper
225 100
223 64.2 31.6 94.7
227 64.6 31.9 95.9





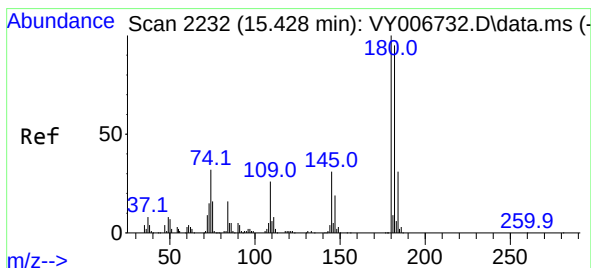
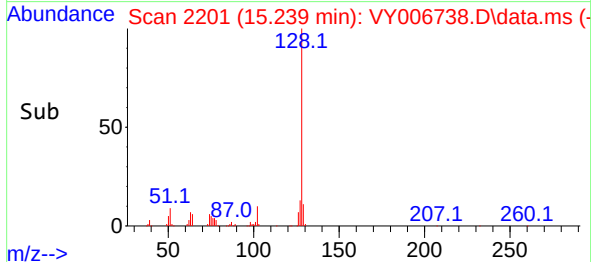
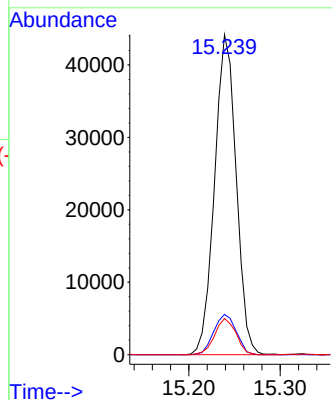
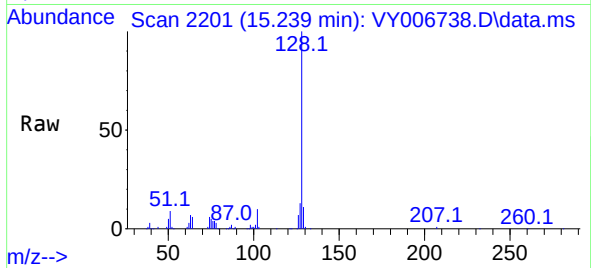
#95
Naphthalene
Concen: 20.565 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VY1115SBS01

Tgt Ion:128 Resp: 72609
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.720 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006738.D
Acq: 15 Nov 2021 18:11

Tgt Ion:180 Resp: 31364
Ion Ratio Lower Upper
180 100
182 93.0 47.8 143.4
145 31.2 15.3 45.8

