

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007738.D
 Acq On : 04 Mar 2022 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 04:22:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	336549	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	557141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	496704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	161651	45.880	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.760%		
35) Dibromofluoromethane	7.728	113	168340	47.260	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.185	98	591503	45.112	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.220%		
62) 4-Bromofluorobenzene	12.489	95	186735	44.182	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	104482	47.163	ug/l	99
3) Chloromethane	2.119	50	171113	49.439	ug/l	93
4) Vinyl Chloride	2.260	62	217644	43.107	ug/l	94
5) Bromomethane	2.668	94	219912	53.892	ug/l	99
6) Chloroethane	2.808	64	163125	42.130	ug/l	99
7) Trichlorofluoromethane	3.143	101	277779	48.153	ug/l	96
8) Diethyl Ether	3.546	74	95076	51.221	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.912	101	175136	49.735	ug/l	97
10) Methyl Iodide	4.107	142	213567	49.848	ug/l	92
11) Tert butyl alcohol	4.985	59	53061	173.943	ug/l	98
12) 1,1-Dichloroethene	3.887	96	157437	50.376	ug/l	83
13) Acrolein	3.741	56	39405	135.240	ug/l	96
14) Allyl chloride	4.497	41	222612	47.357	ug/l #	85
15) Acrylonitrile	5.180	53	223018	227.617	ug/l	98
16) Acetone	3.960	43	145740	203.335	ug/l	92
17) Carbon Disulfide	4.210	76	384541	50.958	ug/l	98
18) Methyl Acetate	4.491	43	89541	41.769	ug/l #	82
19) Methyl tert-butyl Ether	5.235	73	508047	52.378	ug/l	95
20) Methylene Chloride	4.729	84	201461	59.355	ug/l #	84
21) trans-1,2-Dichloroethene	5.235	96	192552	52.802	ug/l	84
22) Diisopropyl ether	6.131	45	581928	51.820	ug/l #	94
23) Vinyl Acetate	6.076	43	1810400	254.929	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	365190	53.822	ug/l	99
25) 2-Butanone	6.996	43	261165	217.209	ug/l #	85
26) 2,2-Dichloropropane	6.996	77	297309	49.237	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	241949	56.582	ug/l	86
28) Bromochloromethane	7.344	49	137281	47.574	ug/l #	79
29) Tetrahydrofuran	7.356	42	173770	211.219	ug/l #	78
30) Chloroform	7.515	83	401104	57.059	ug/l	95
31) Cyclohexane	7.795	56	267308	49.177	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	356007	56.905	ug/l	97
36) 1,1-Dichloropropene	7.929	75	269776	48.145	ug/l	96
37) Ethyl Acetate	7.082	43	128839	41.630	ug/l	95
38) Carbon Tetrachloride	7.911	117	315884	52.848	ug/l	96
39) Methylcyclohexane	9.191	83	317325	46.080	ug/l	88
40) Benzene	8.167	78	820880	52.640	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	67360m	45.546	ug/l	
42) 1,2-Dichloroethane	8.246	62	251885	51.765	ug/l	94
43) Isopropyl Acetate	8.283	43	254666	44.496	ug/l #	89
44) Trichloroethene	8.947	130	230614	53.248	ug/l	99
45) 1,2-Dichloropropane	9.222	63	211185	52.368	ug/l	98
46) Dibromomethane	9.313	93	127208	52.550	ug/l	99
47) Bromodichloromethane	9.502	83	313111	55.148	ug/l	98
48) Methyl methacrylate	9.301	41	111001	44.744	ug/l #	76
49) 1,4-Dioxane	9.313	88	20618	705.513	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	668124	218.172	ug/l	89
52) Toluene	10.252	92	538748	53.431	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	293201	50.299	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	332155	51.574	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	175696	53.351	ug/l	99
56) Ethyl methacrylate	10.514	69	219212	50.138	ug/l #	83
57) 1,3-Dichloropropane	10.795	76	288756	51.852	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	529882	222.228	ug/l	94
59) 2-Hexanone	10.837	43	442800	214.714	ug/l	85
60) Dibromochloromethane	10.990	129	224175	57.169	ug/l	99
61) 1,2-Dibromoethane	11.093	107	165502	52.726	ug/l	99
64) Tetrachloroethene	10.727	164	190078	51.626	ug/l	98
65) Chlorobenzene	11.520	112	597857	55.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	242437	59.909	ug/l	98
67) Ethyl Benzene	11.599	91	1051366	53.874	ug/l	99
68) m/p-Xylenes	11.709	106	802862	107.222	ug/l	92
69) o-Xylene	12.032	106	396572	55.889	ug/l	90
70) Styrene	12.050	104	662530	55.764	ug/l	95
71) Bromoform	12.215	173	139402	55.325	ug/l #	100
73) Isopropylbenzene	12.337	105	1042126	56.700	ug/l	100
74) N-amyl acetate	12.148	43	234182	47.865	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	199348	51.714	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	136184m	51.689	ug/l	
77) Bromobenzene	12.611	156	251985	59.522	ug/l	87
78) n-propylbenzene	12.678	91	1205899	54.373	ug/l	99
79) 2-Chlorotoluene	12.758	91	663638	55.919	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	815179	55.468	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	58679	45.532	ug/l	90
82) 4-Chlorotoluene	12.861	91	665600	54.525	ug/l	94
83) tert-Butylbenzene	13.081	119	778882	57.617	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	811812	56.080	ug/l	97
85) sec-Butylbenzene	13.258	105	1085246	54.270	ug/l	98
86) p-Isopropyltoluene	13.373	119	903129	54.681	ug/l	96
87) 1,3-Dichlorobenzene	13.373	146	475251	56.414	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	462579	55.635	ug/l	98
89) n-Butylbenzene	13.696	91	759920	48.682	ug/l	99
90) Hexachloroethane	13.965	117	186191	59.472	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	418576	55.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	28509	48.835	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	248214	52.413	ug/l	99
94) Hexachlorobutadiene	15.117	225	150165	53.632	ug/l	100
95) Naphthalene	15.239	128	502814	52.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	230489	54.609	ug/l	99

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

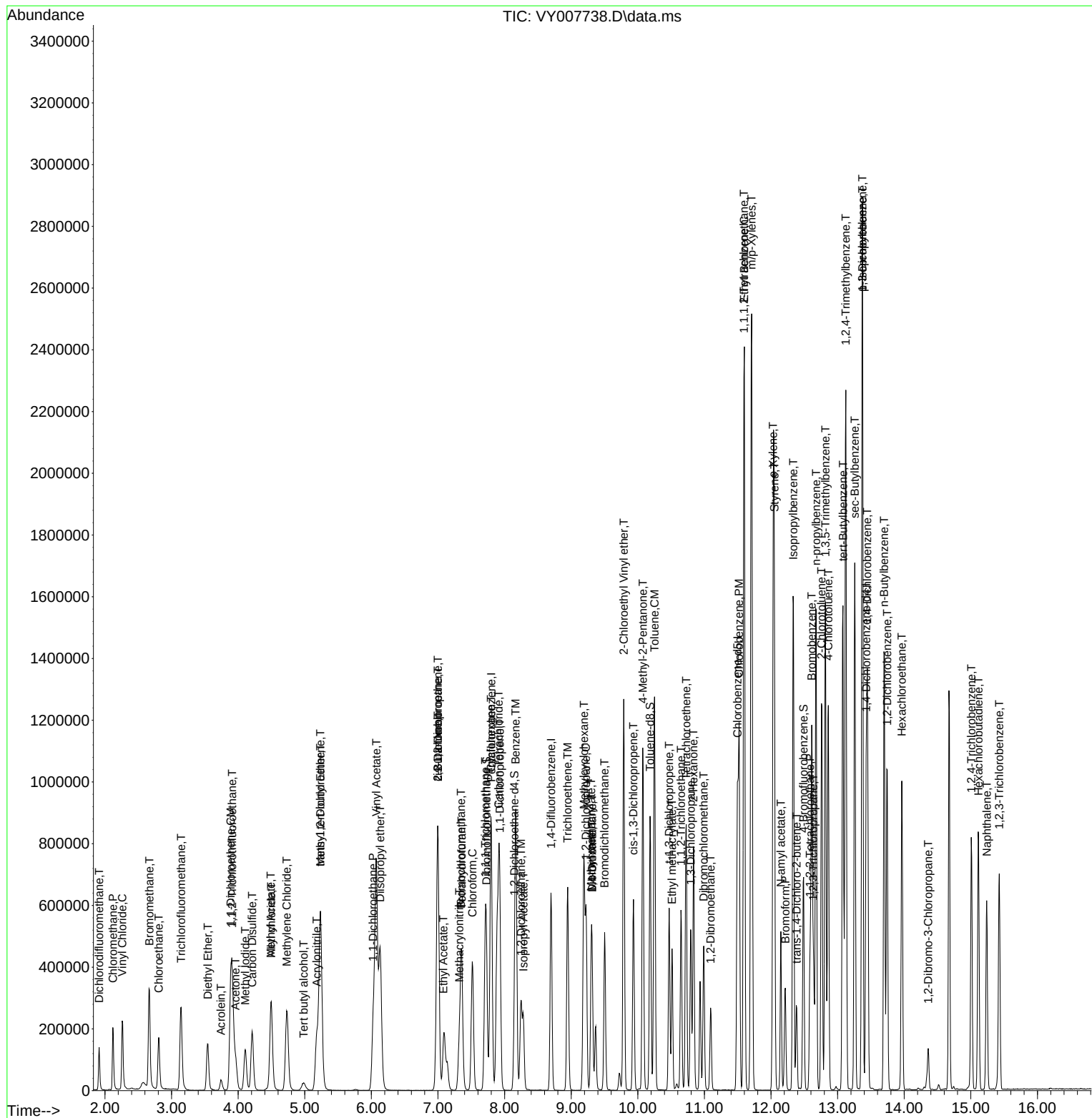
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
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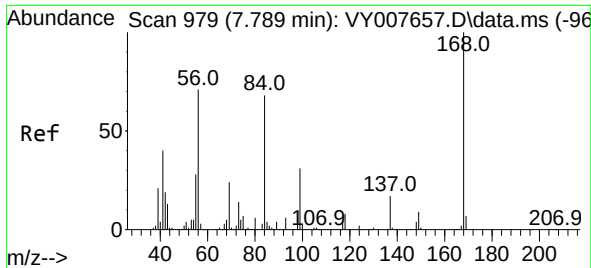
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Manual Integrations APPROVED

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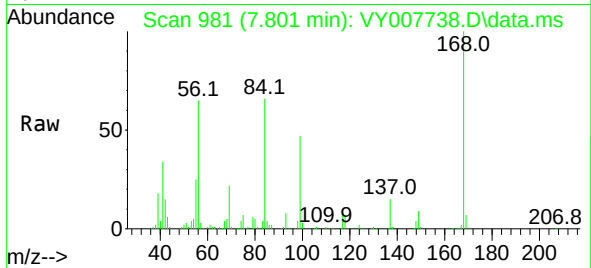
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

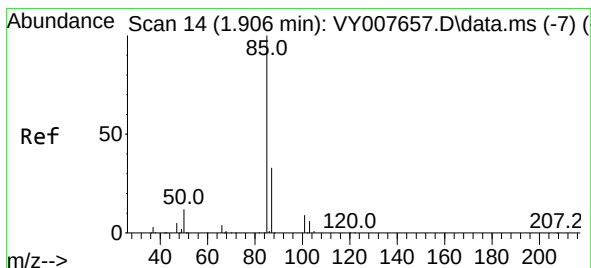
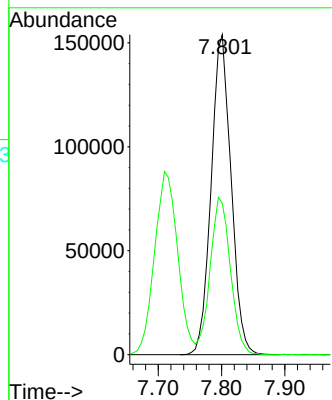
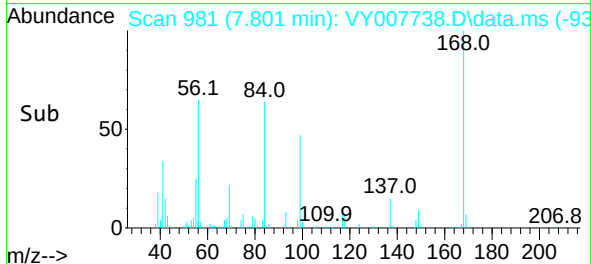
Instrument :
MSVOA_Y
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VSTDCCC050



Tgt Ion:168 Resp: 336549
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3

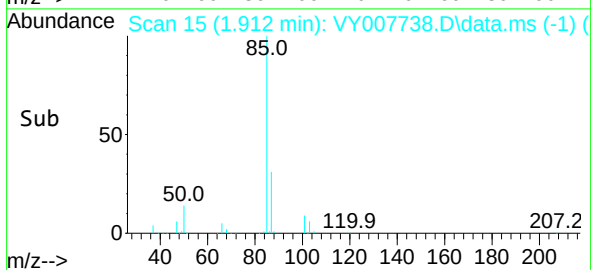
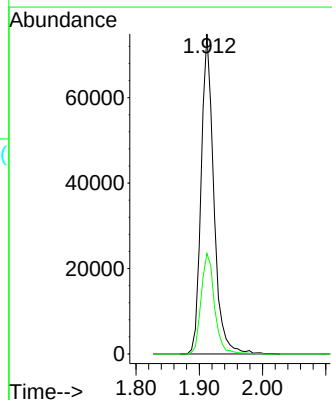
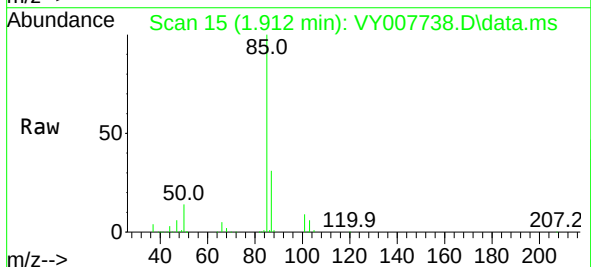
Manual Integrations
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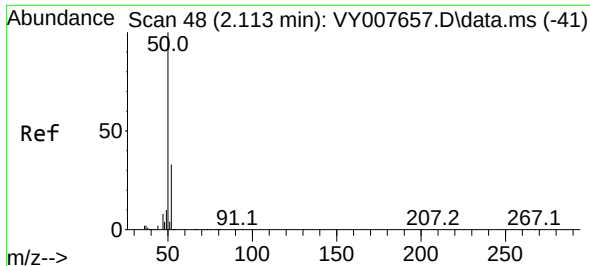
Reviewed By :John Carlone 03/07/2022
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#2
Dichlorodifluoromethane
Concen: 47.163 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

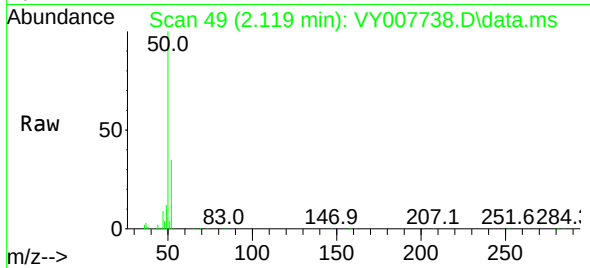
Tgt Ion: 85 Resp: 104482
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3
Chloromethane
Concen: 49.439 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

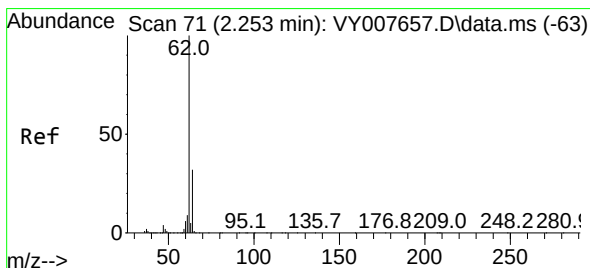
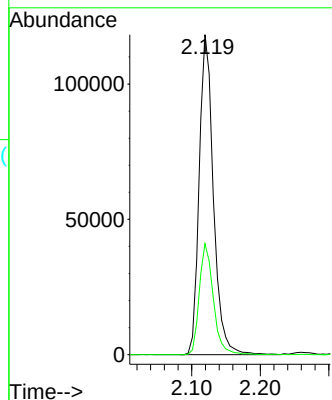
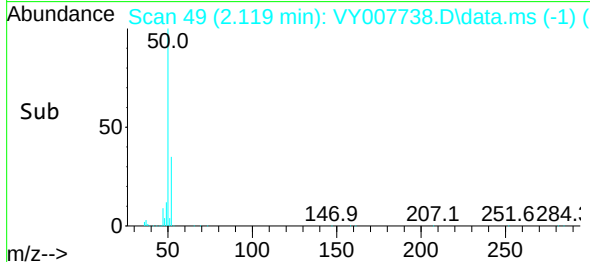
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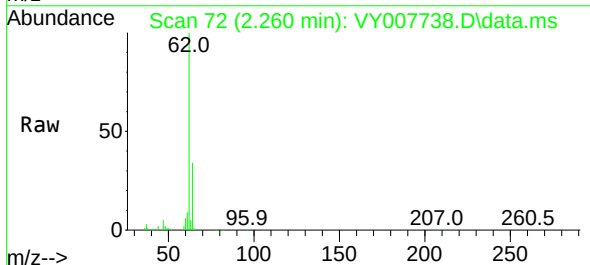
Tgt Ion: 50 Resp: 17111
Ion Ratio Lower Upper
50 100
52 34.7 24.6 37.0

Manual Integrations
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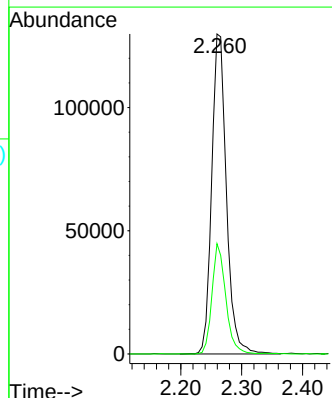
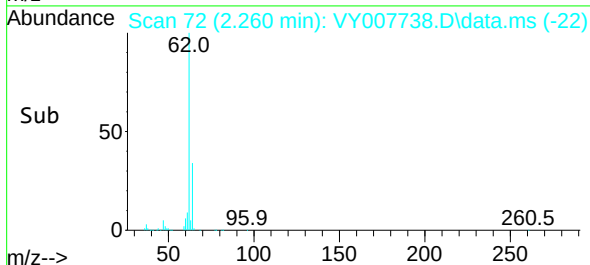
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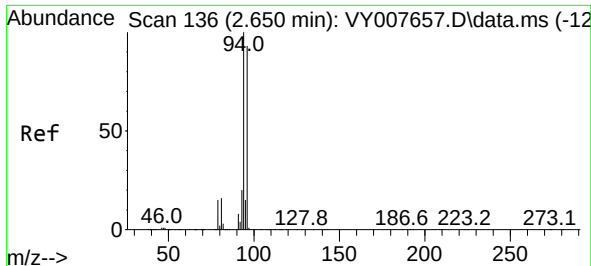


#4
Vinyl Chloride
Concen: 43.107 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



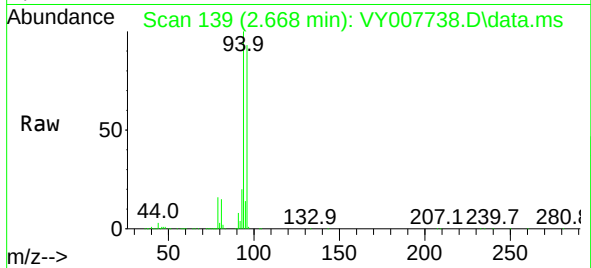
Tgt Ion: 62 Resp: 217644
Ion Ratio Lower Upper
62 100
64 34.4 25.0 37.6





#5
Bromomethane
Concen: 53.892 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

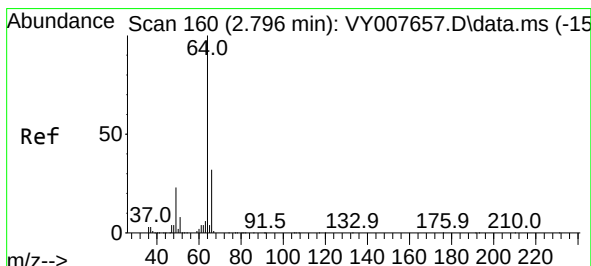
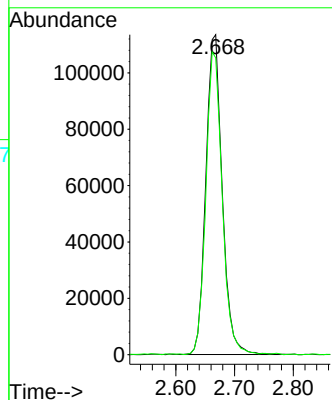
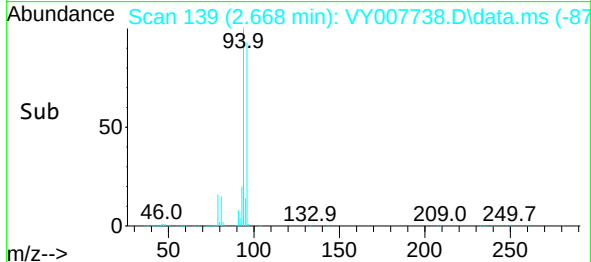
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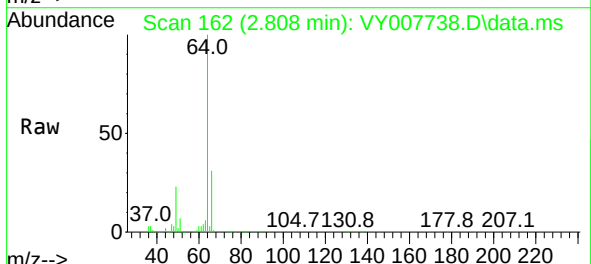
Tgt Ion: 94 Resp: 21991
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3

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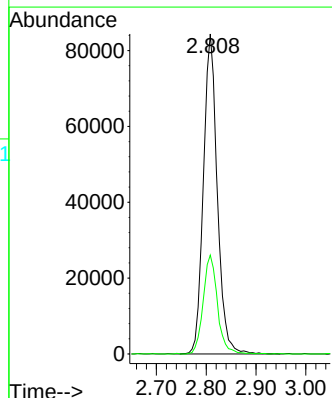
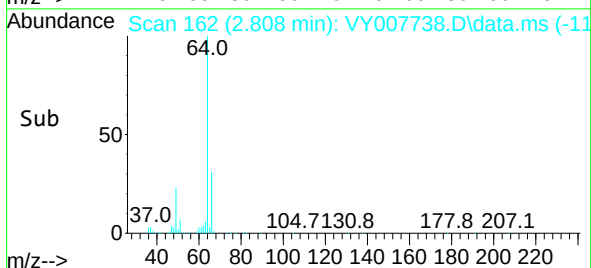
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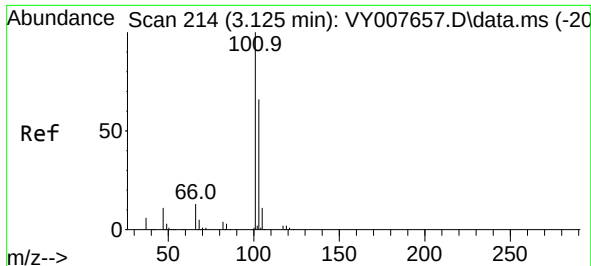


#6
Chloroethane
Concen: 42.130 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY007738.D
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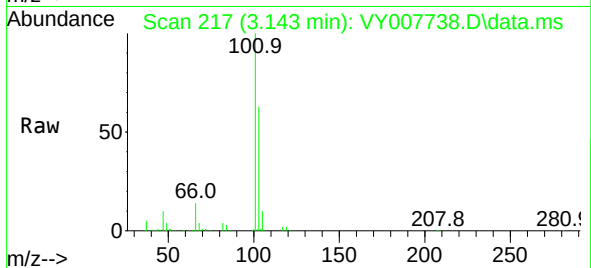
Tgt Ion: 64 Resp: 163125
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 48.153 ug/l
 RT: 3.143 min Scan# 214
 Delta R.T. 0.018 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

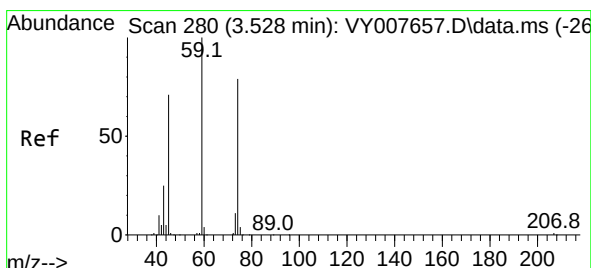
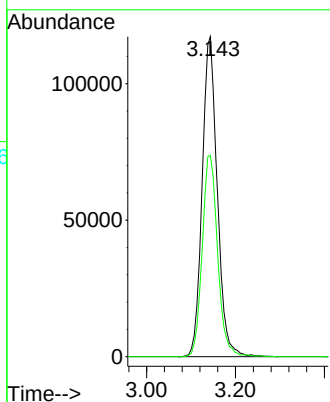
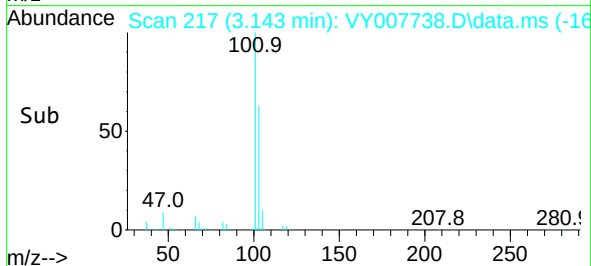
Instrument :
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Tgt Ion:101 Resp: 277779
 Ion Ratio Lower Upper
 101 100
 103 63.0 48.0 72.0

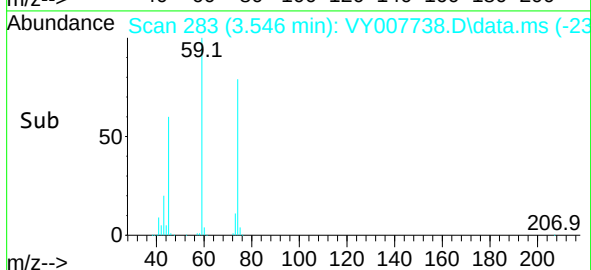
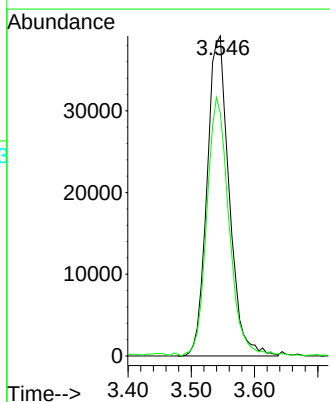
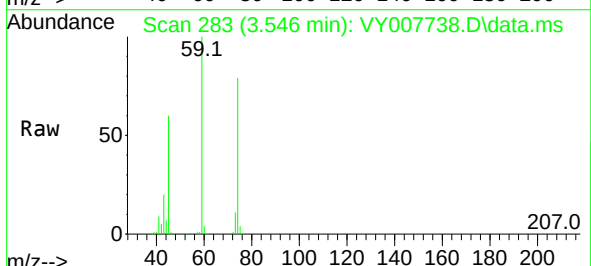
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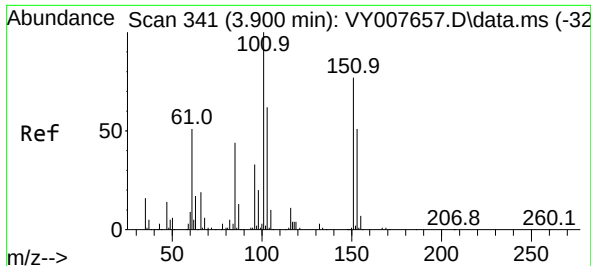
Reviewed By :John Carlone 03/07/2022
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#8
 Diethyl Ether
 Concen: 51.221 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.018 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

Tgt Ion: 74 Resp: 95076
 Ion Ratio Lower Upper
 74 100
 45 81.4 55.1 165.5





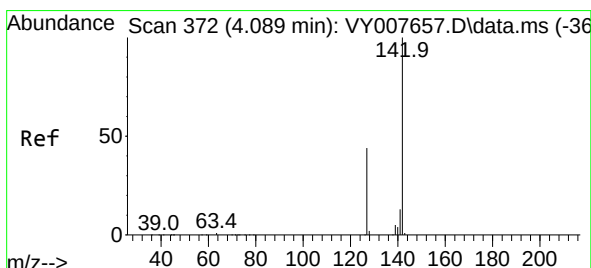
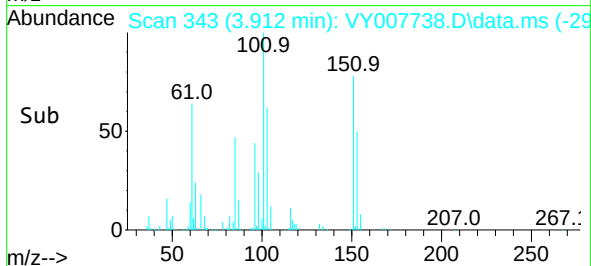
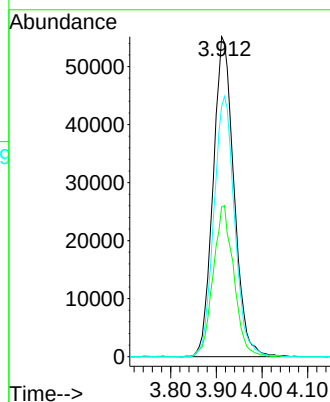
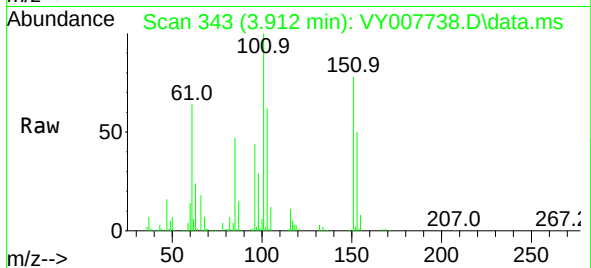
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.735 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 175130
Ion Ratio Lower Upper
101 100
85 46.5 40.6 60.8
151 80.8 64.9 97.3

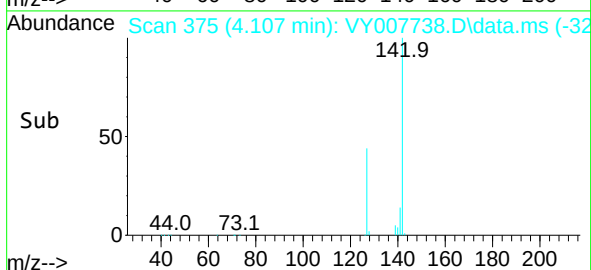
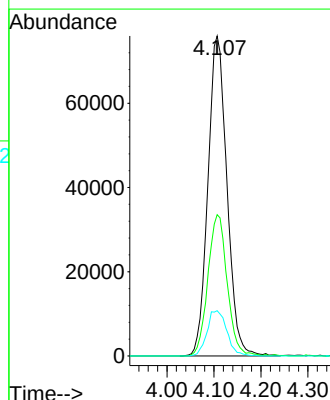
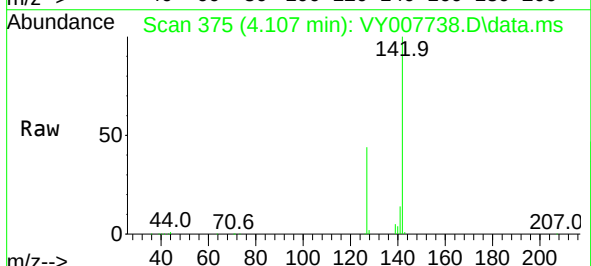
Manual Integrations
APPROVED

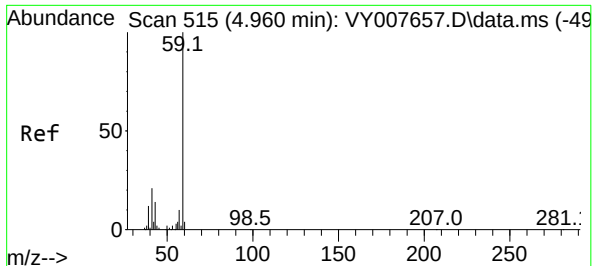
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#10
Methyl Iodide
Concen: 49.848 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

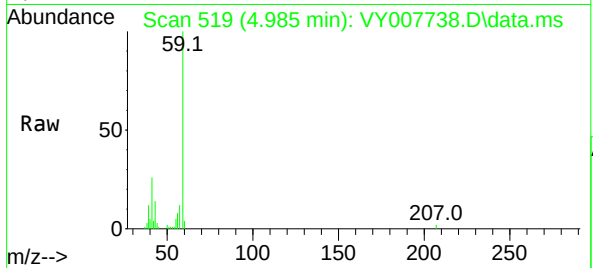
Tgt Ion:142 Resp: 213567
Ion Ratio Lower Upper
142 100
127 44.7 41.5 62.3
141 14.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 173.943 ug/l
RT: 4.985 min Scan# 515
Delta R.T. 0.025 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

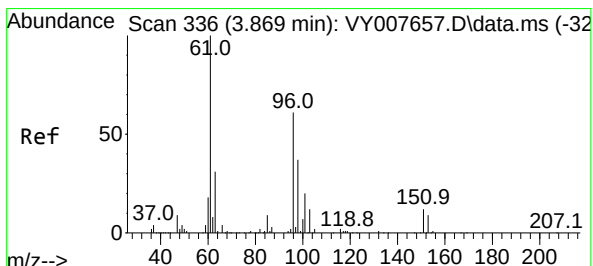
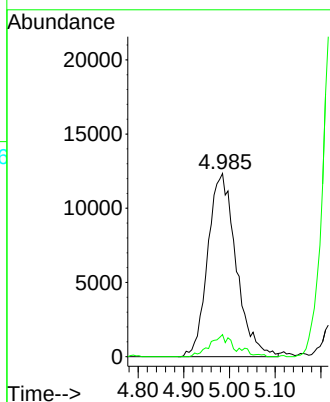
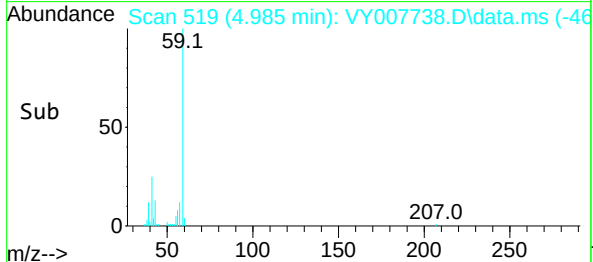
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



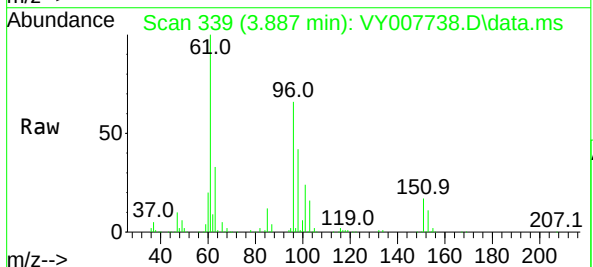
Tgt Ion: 59 Resp: 5306
Ion Ratio Lower Upper
59 100
57 8.7 6.4 9.6

Manual Integrations
APPROVED

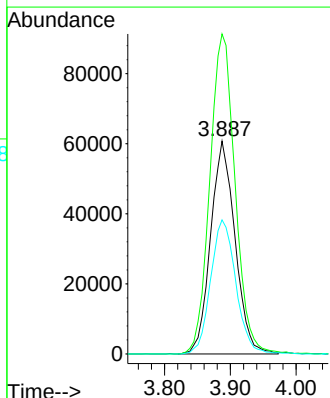
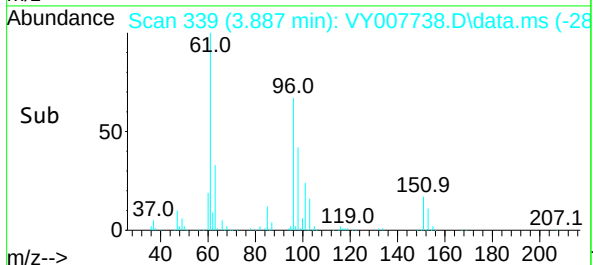
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

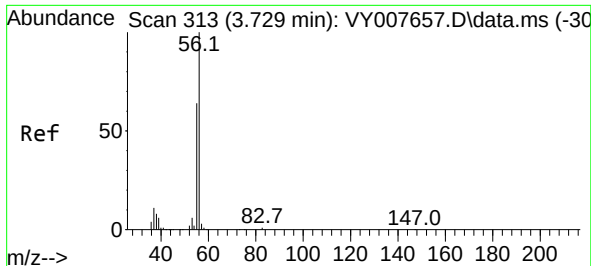


#12
1,1-Dichloroethene
Concen: 50.376 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion: 96 Resp: 157437
Ion Ratio Lower Upper
96 100
61 150.4 145.8 218.6
98 63.0 52.5 78.7





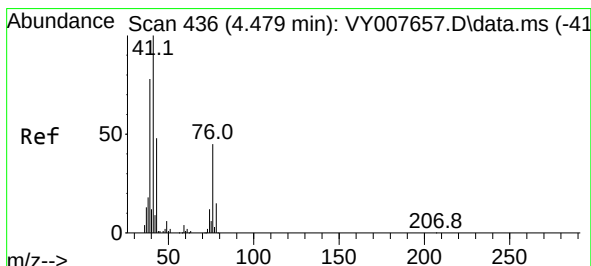
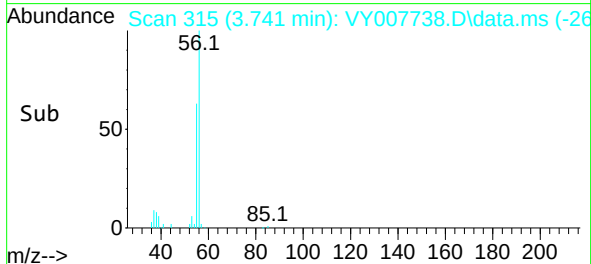
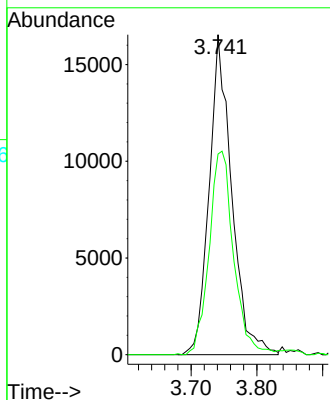
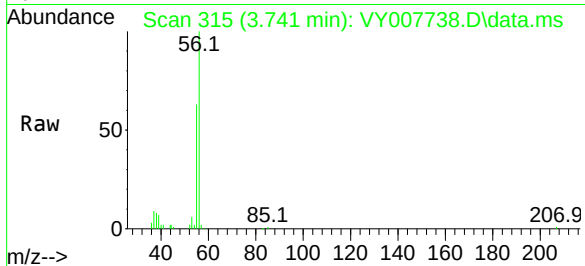
#13
Acrolein
Concen: 135.240 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 3940
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4

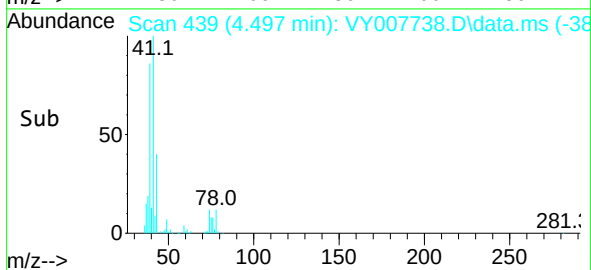
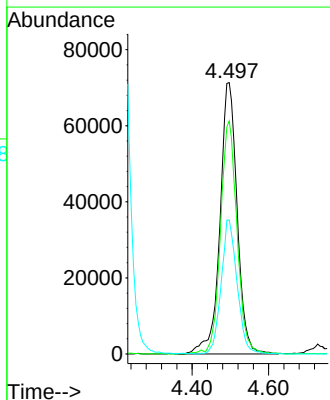
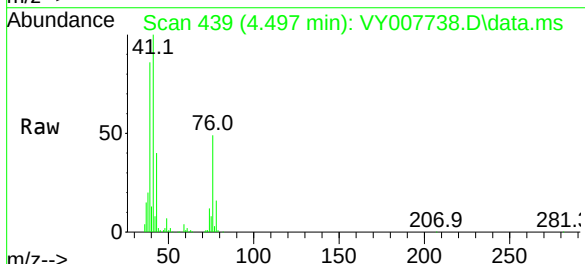
Manual Integrations
APPROVED

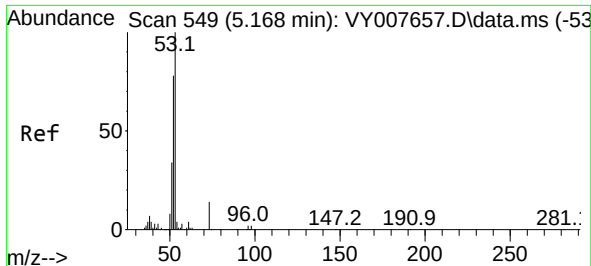
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Allyl chloride
Concen: 47.357 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

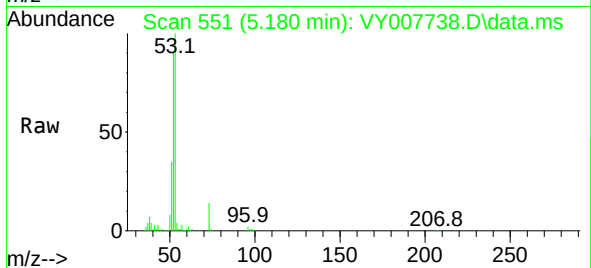
Tgt Ion: 41 Resp: 222612
Ion Ratio Lower Upper
41 100
39 82.7 58.8 88.2
76 45.9 25.1 37.7#





#15
Acrylonitrile
Concen: 227.617 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

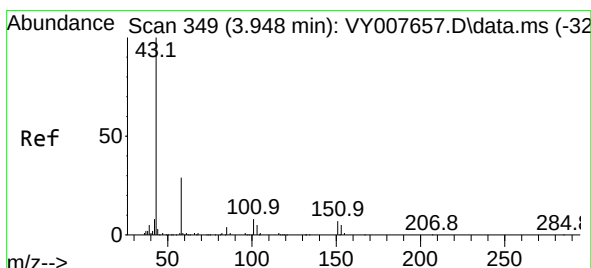
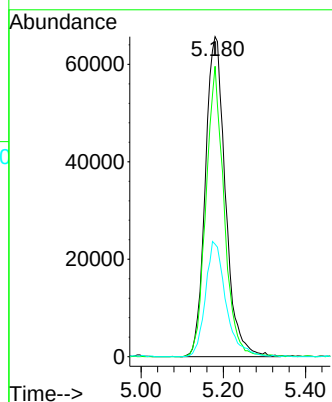
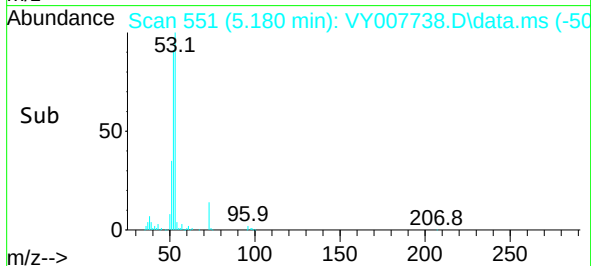
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



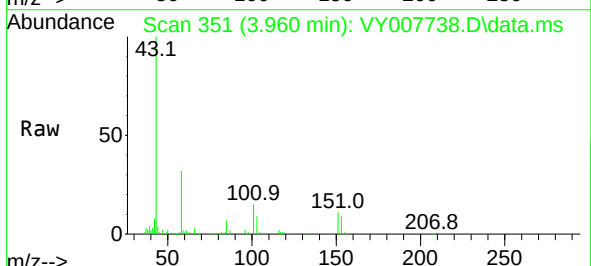
Tgt Ion: 53 Resp: 223018
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 36.7 29.8 44.6

Manual Integrations
APPROVED

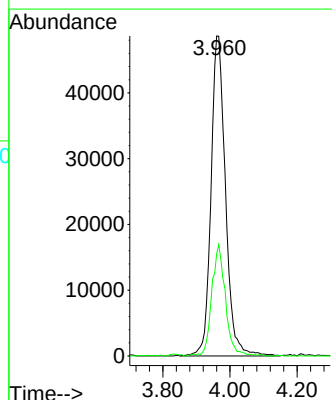
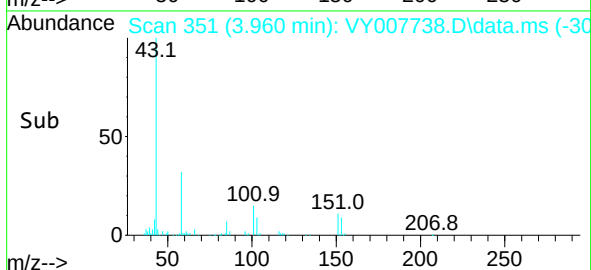
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

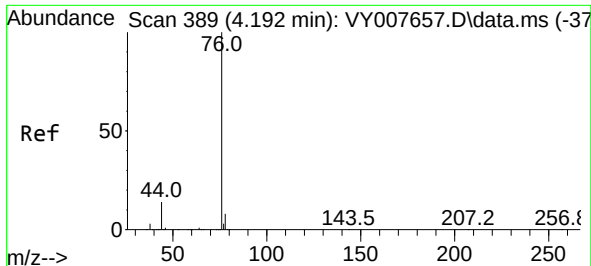


#16
Acetone
Concen: 203.335 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



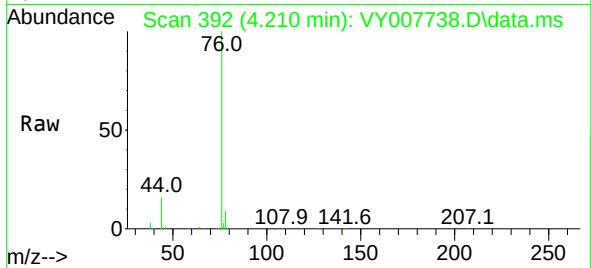
Tgt Ion: 43 Resp: 145740
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0





#17
Carbon Disulfide
Concen: 50.958 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

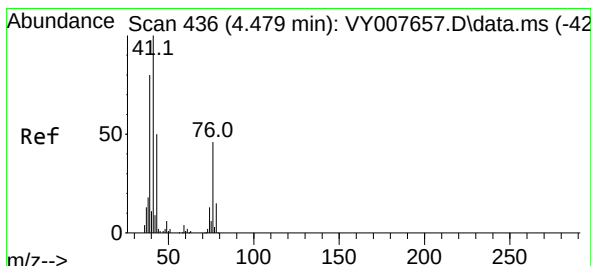
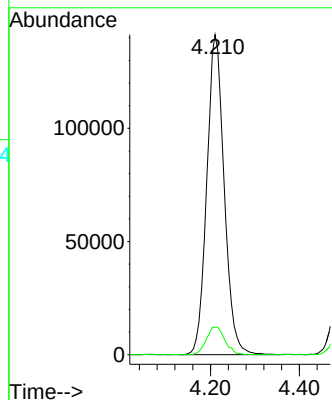
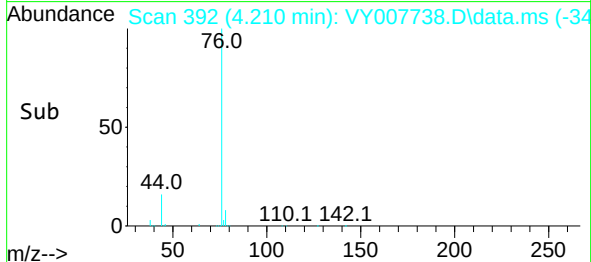
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 38454
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

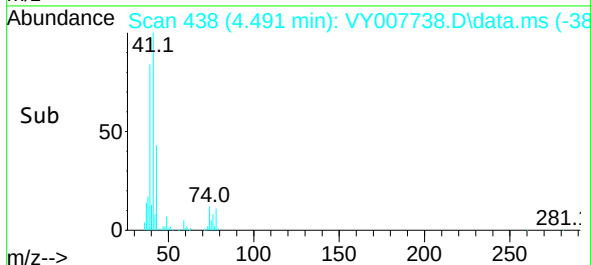
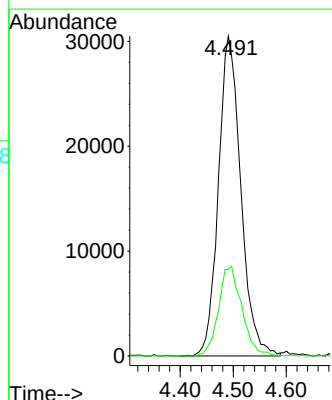
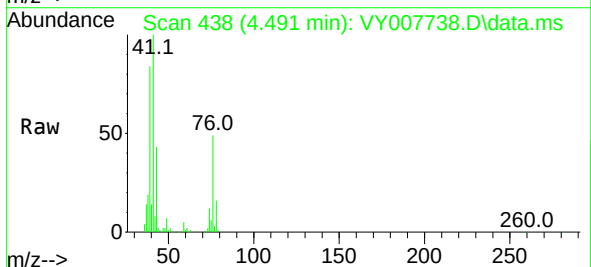
Manual Integrations
APPROVED

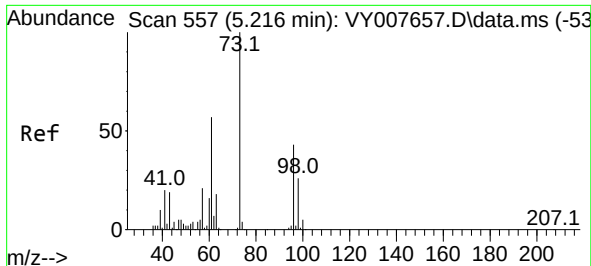
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
Methyl Acetate
Concen: 41.769 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

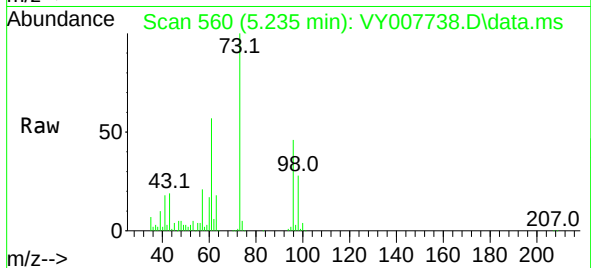
Tgt Ion: 43 Resp: 89541
Ion Ratio Lower Upper
43 100
74 29.1 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 52.378 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.019 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

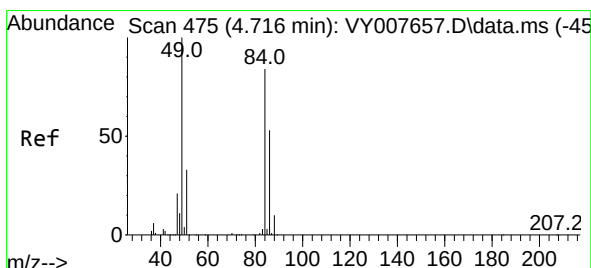
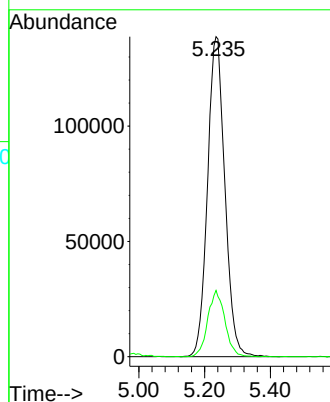
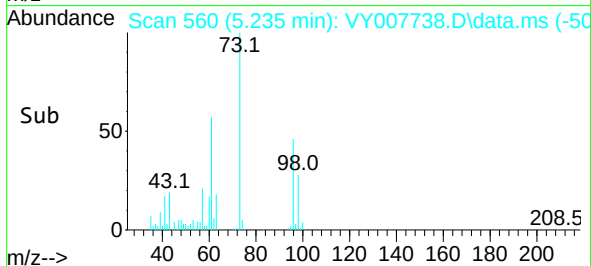
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 50804
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8

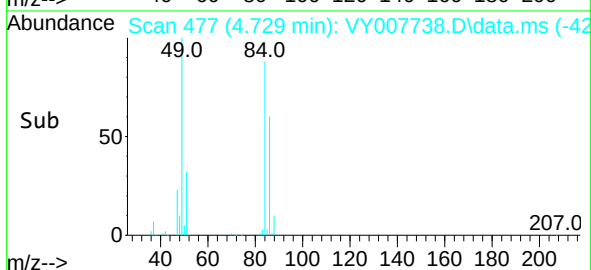
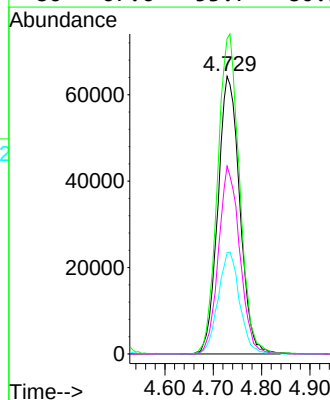
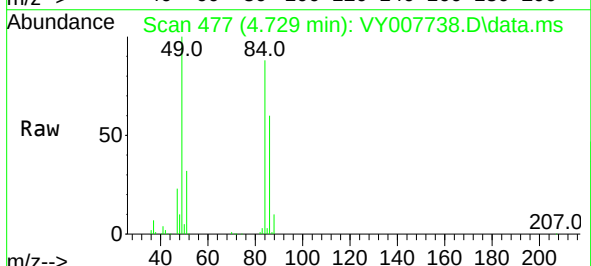
Manual Integrations
APPROVED

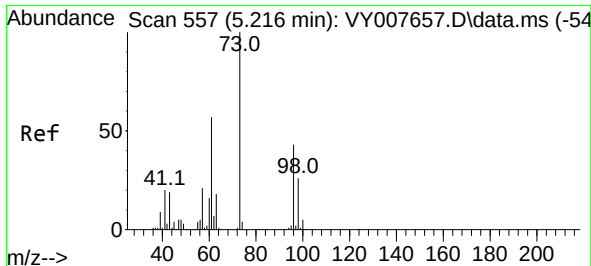
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 59.355 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

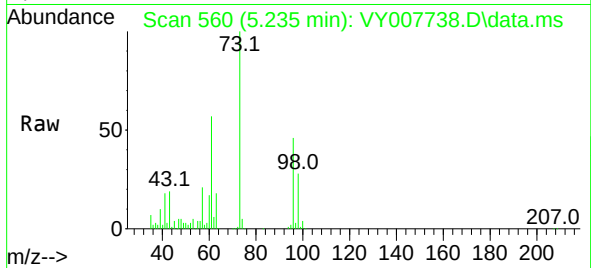
Tgt Ion: 84 Resp: 201461
Ion Ratio Lower Upper
84 100
49 113.6 114.4 171.6#
51 36.5 35.3 52.9
86 67.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 52.802 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.019 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

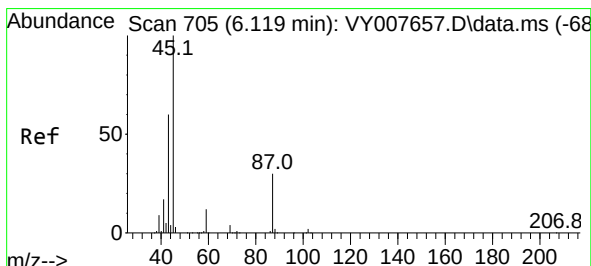
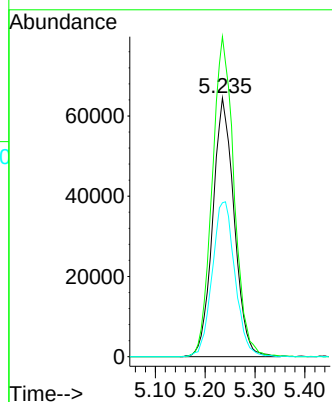
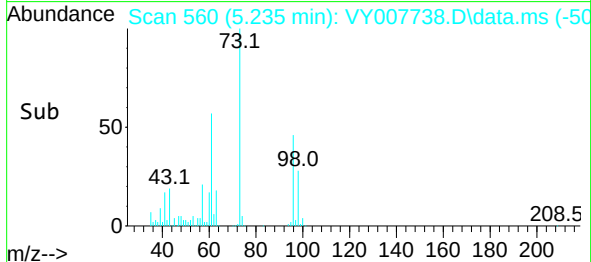
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 19255
Ion Ratio Lower Upper
96 100
61 123.7 120.5 180.7
98 59.5 49.8 74.8

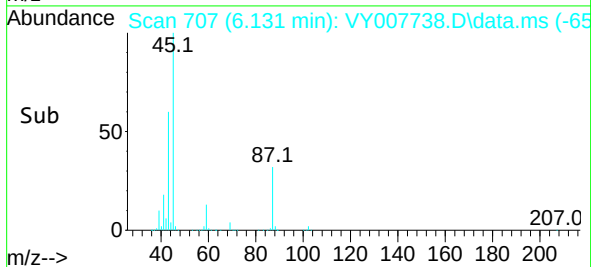
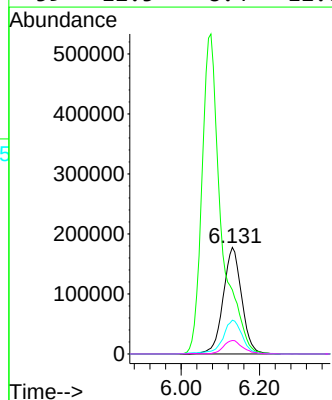
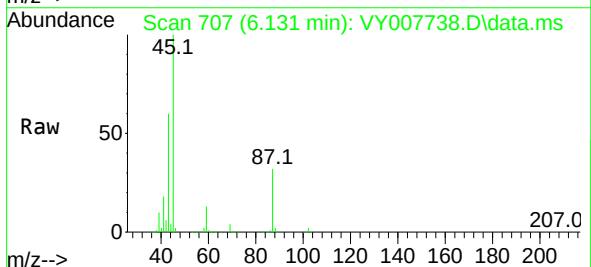
Manual Integrations
APPROVED

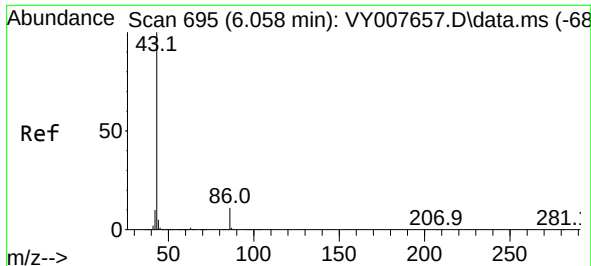
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
Diisopropyl ether
Concen: 51.820 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

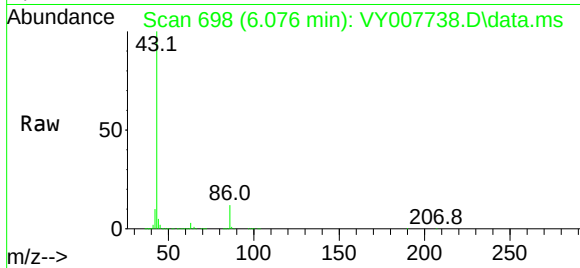
Tgt Ion: 45 Resp: 581928
Ion Ratio Lower Upper
45 100
43 60.0 49.3 73.9
87 31.6 19.2 28.8#
59 12.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 254.929 ug/l
 RT: 6.076 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

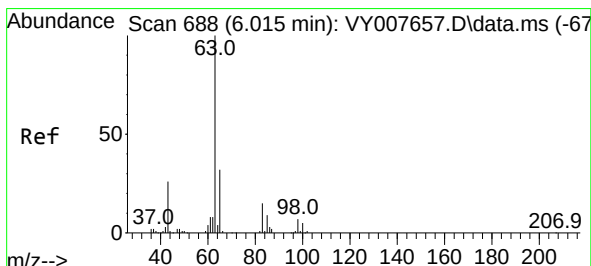
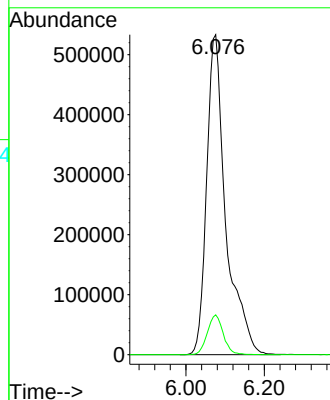
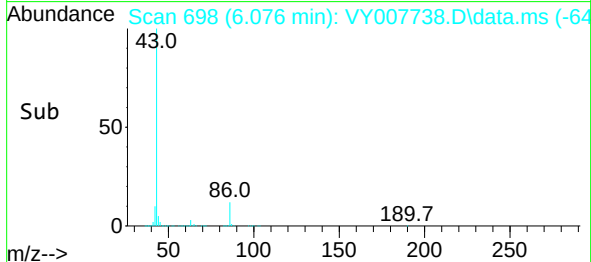
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



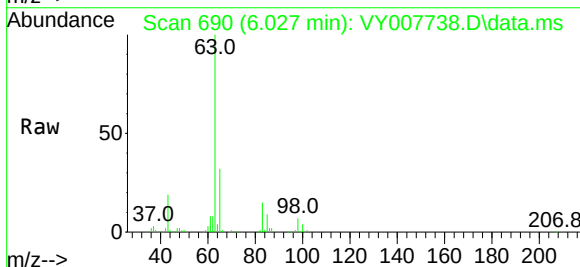
Tgt Ion: 43 Resp: 1810400
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.1 10.7

Manual Integrations
 APPROVED

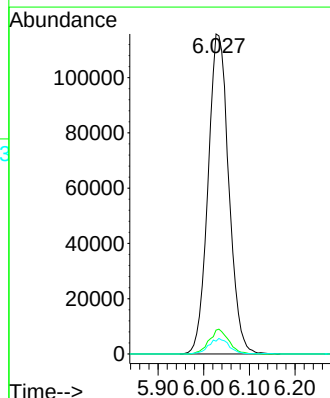
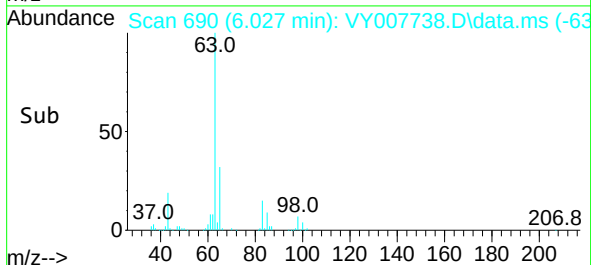
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

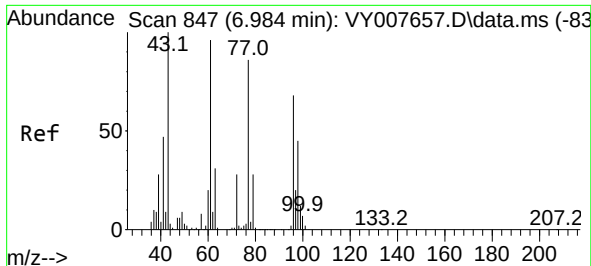


#24
 1,1-Dichloroethane
 Concen: 53.822 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18



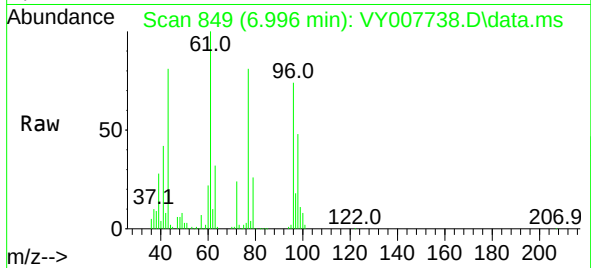
Tgt Ion: 63 Resp: 365190
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 217.209 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

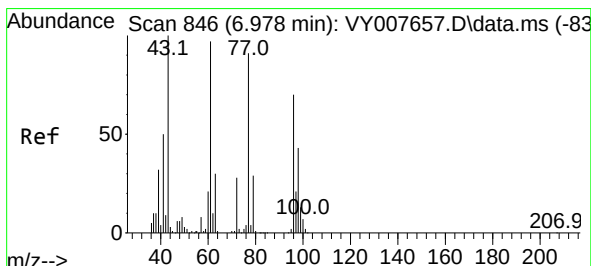
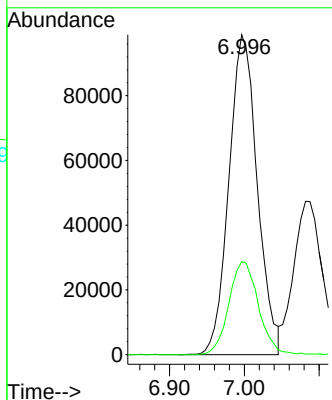
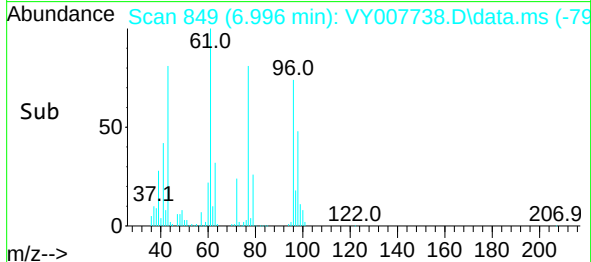
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26116
Ion Ratio Lower Upper
43 100
72 29.1 17.7 26.5

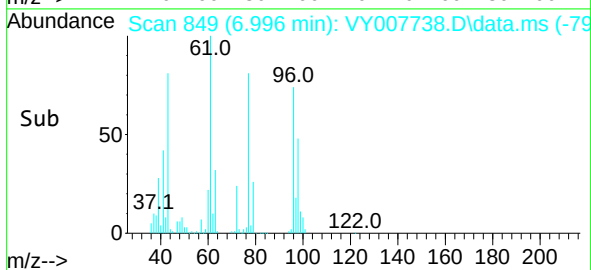
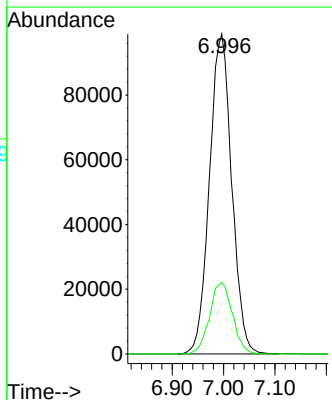
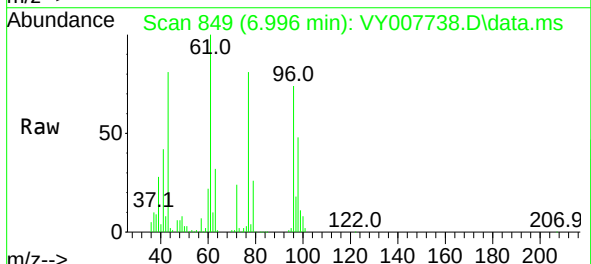
Manual Integrations
APPROVED

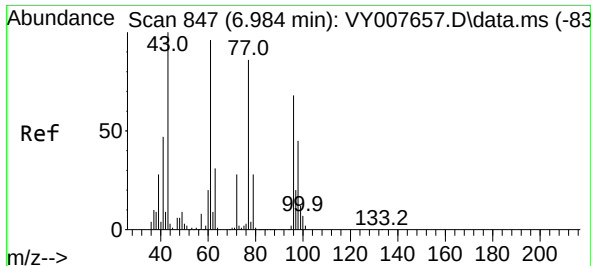
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
2,2-Dichloropropane
Concen: 49.237 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.018 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

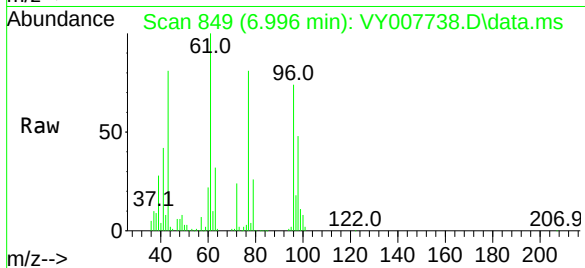
Tgt Ion: 77 Resp: 297309
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 56.582 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

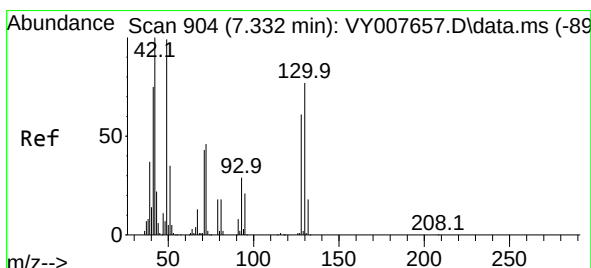
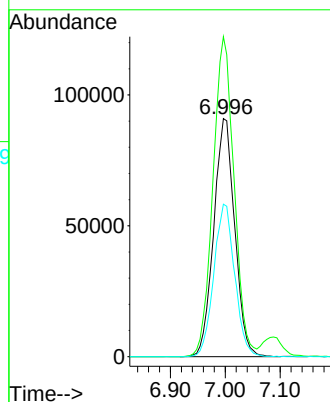
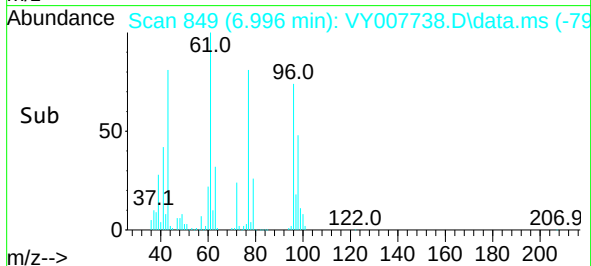
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 241949
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 319.8
 98 63.9 0.0 127.0

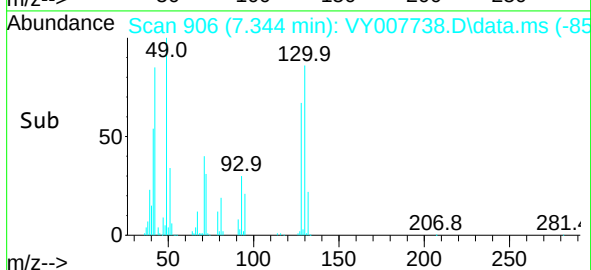
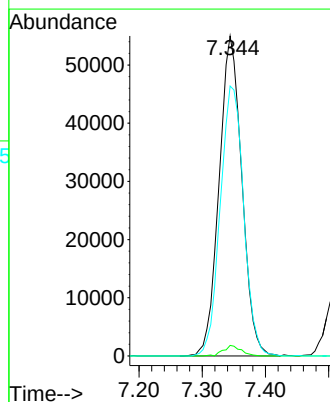
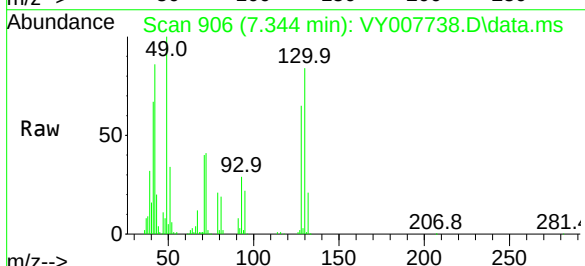
Manual Integrations
 APPROVED

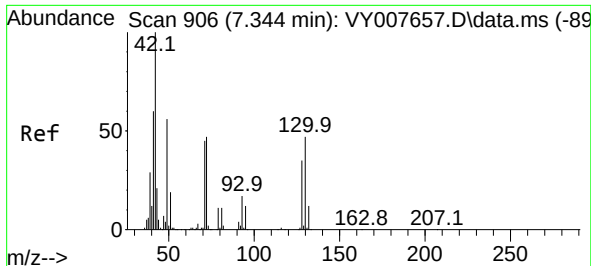
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#28
 Bromochloromethane
 Concen: 47.574 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

Tgt Ion: 49 Resp: 137281
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 86.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 211.219 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 173770

Ion Ratio Lower Upper

42 100

72 50.4 30.3 45.5

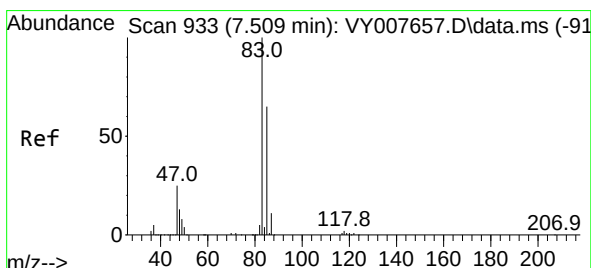
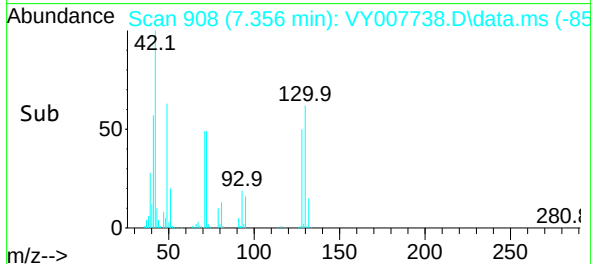
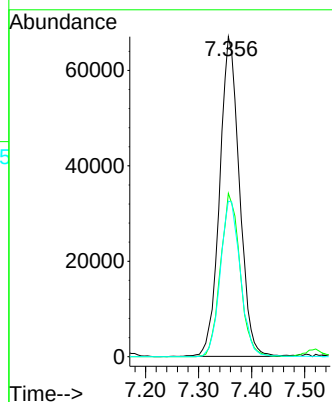
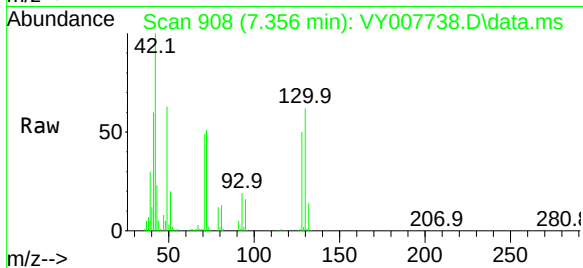
71 49.4 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 57.059 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007738.D

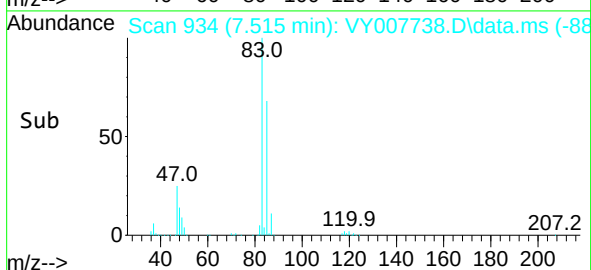
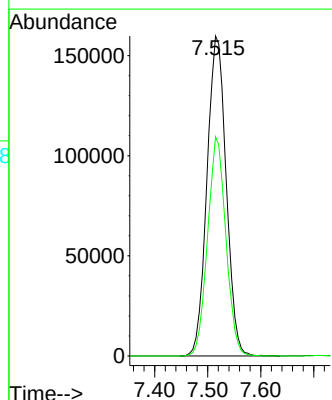
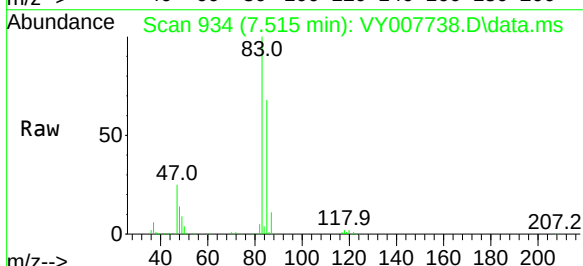
Acq: 04 Mar 2022 11:18

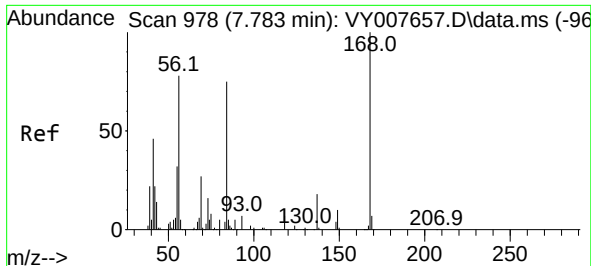
Tgt Ion: 83 Resp: 401104

Ion Ratio Lower Upper

83 100

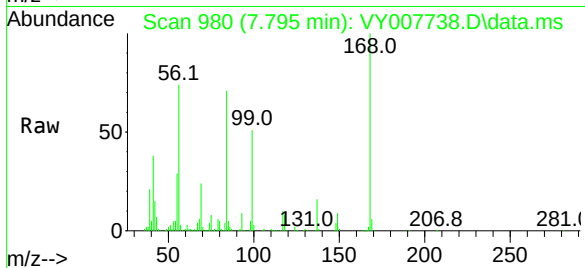
85 68.5 51.8 77.6





#31
Cyclohexane
Concen: 49.177 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

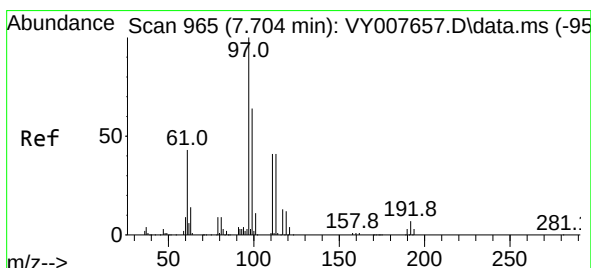
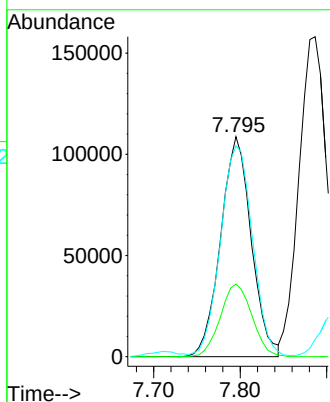
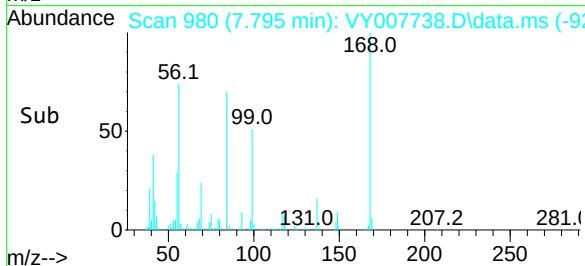
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



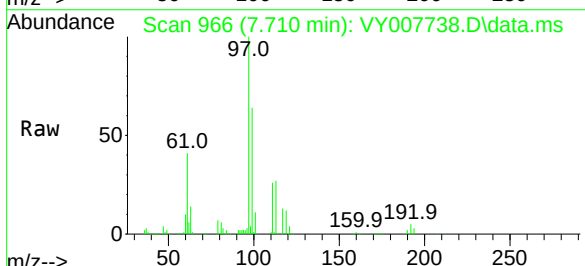
Tgt Ion: 56 Resp: 267308
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 94.7 67.2 100.8

Manual Integrations
APPROVED

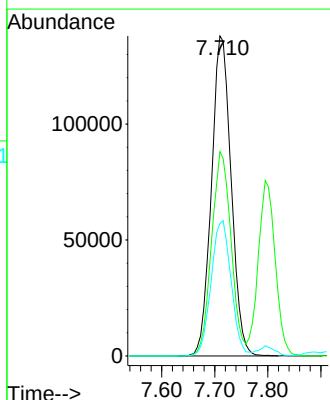
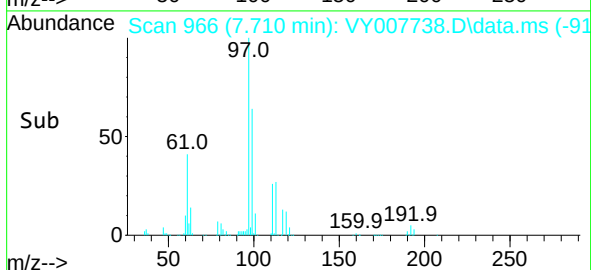
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

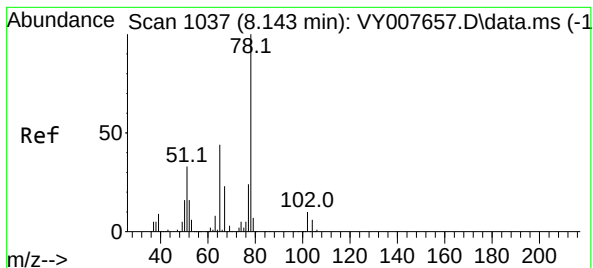


#32
1,1,1-Trichloroethane
Concen: 56.905 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion: 97 Resp: 356007
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 43.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.880 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16165

Ion Ratio Lower Upper

65 100

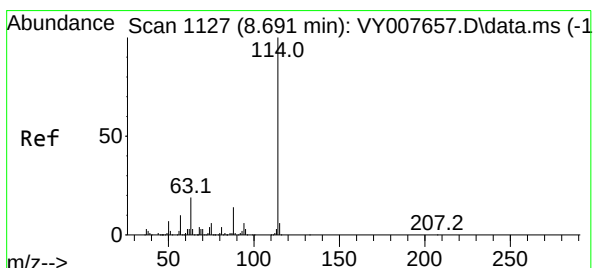
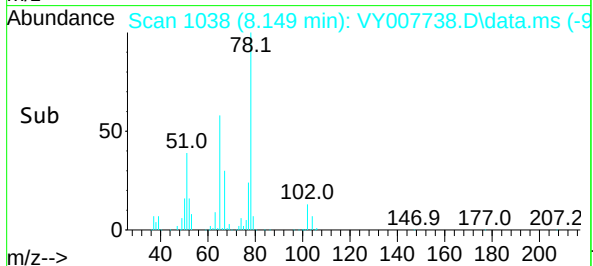
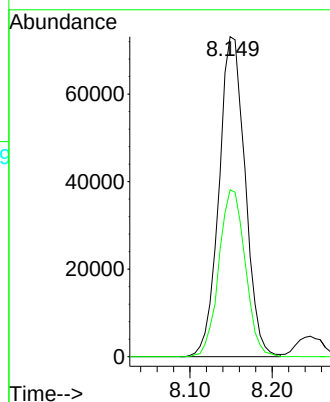
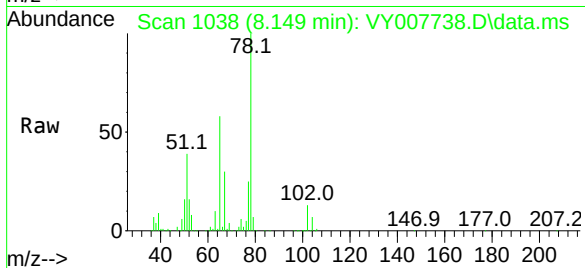
67 52.5 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

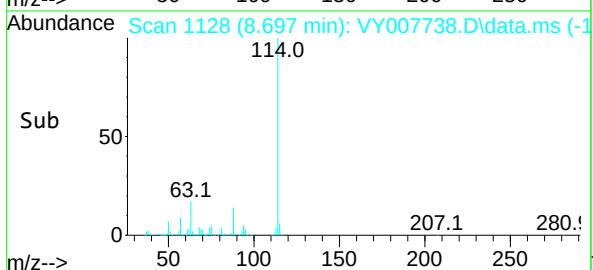
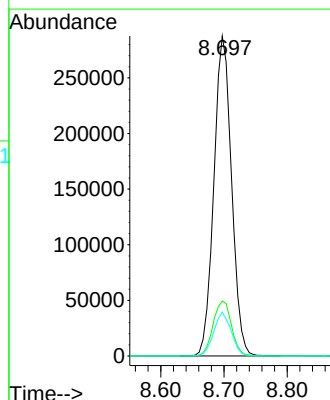
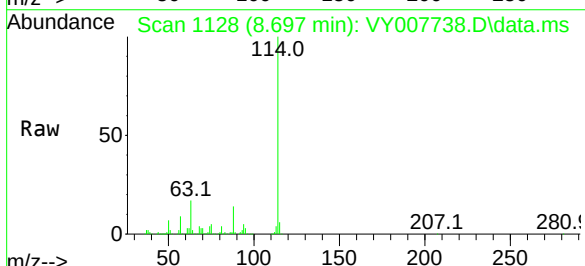
Tgt Ion:114 Resp: 557141

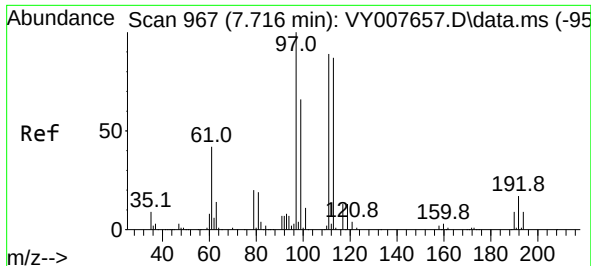
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

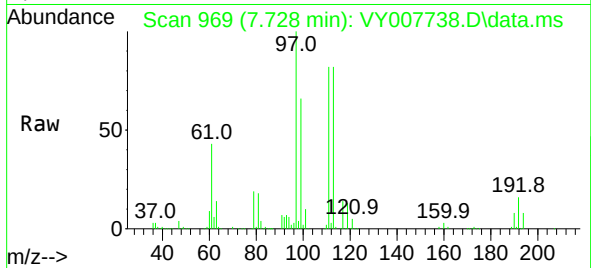
88 13.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.260 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

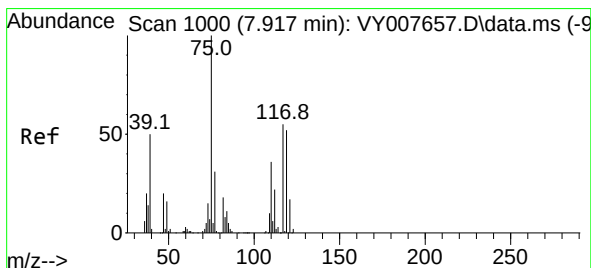
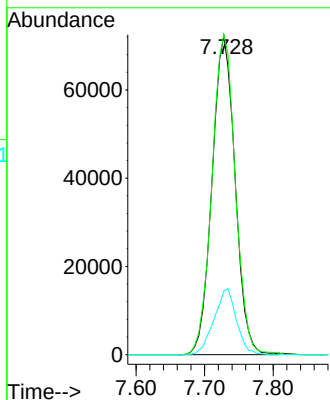
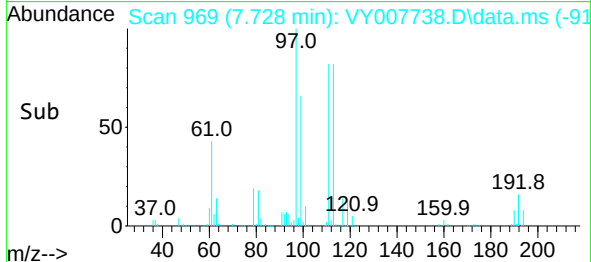
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



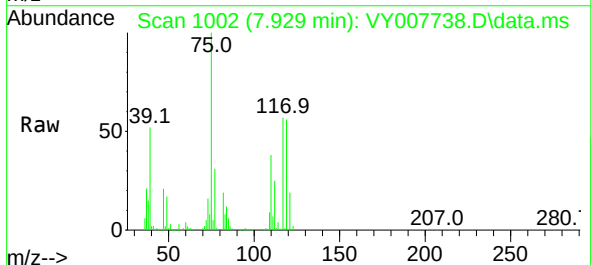
Tgt Ion: 113 Resp: 168340
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.1 17.6 26.4

Manual Integrations
APPROVED

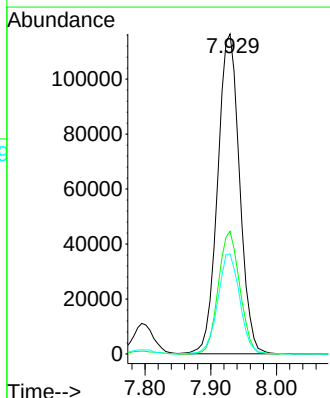
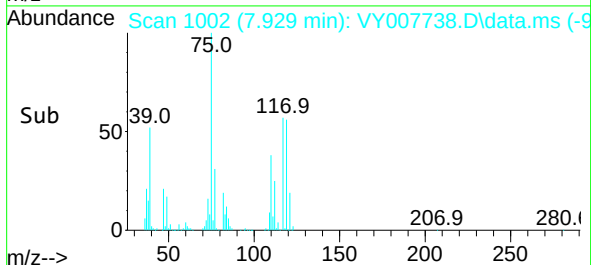
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

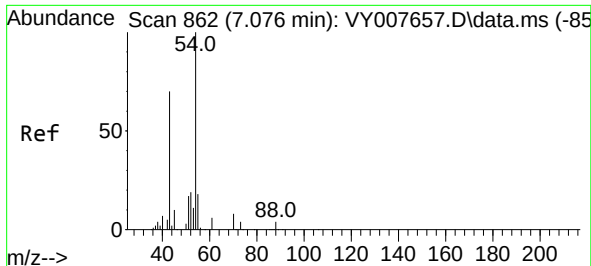


#36
1,1-Dichloropropene
Concen: 48.145 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion: 75 Resp: 269776
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 41.630 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 128839

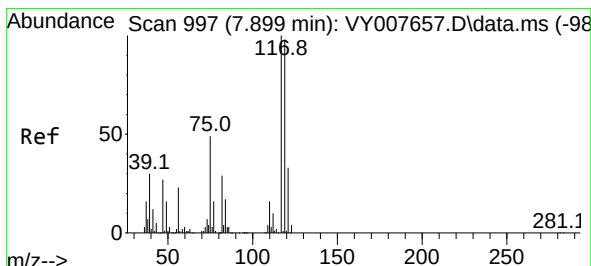
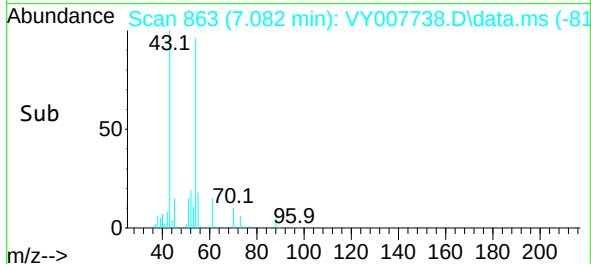
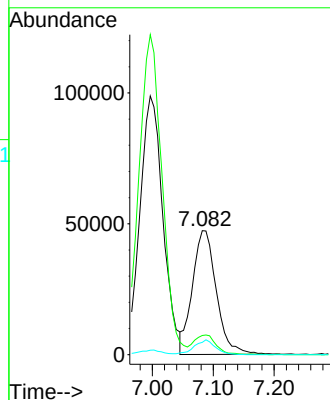
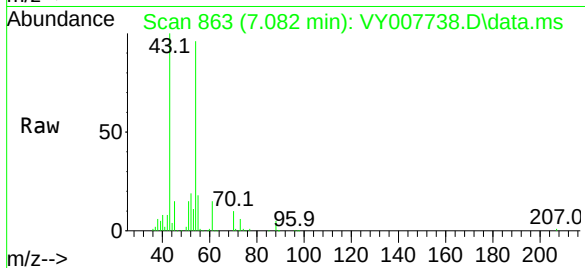
Ion	Ratio	Lower	Upper
43	100		
61	14.3	9.7	14.5
70	10.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#38

Carbon Tetrachloride

Concen: 52.848 ug/l

RT: 7.911 min Scan# 999

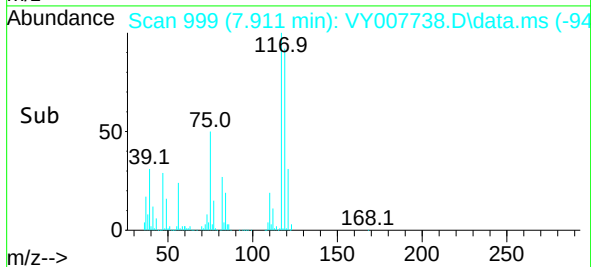
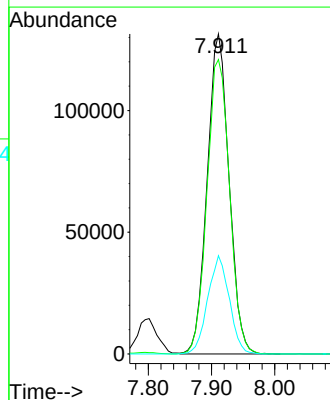
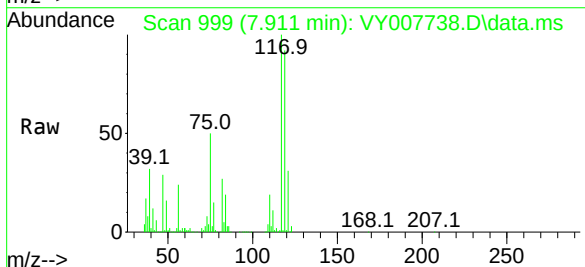
Delta R.T. 0.012 min

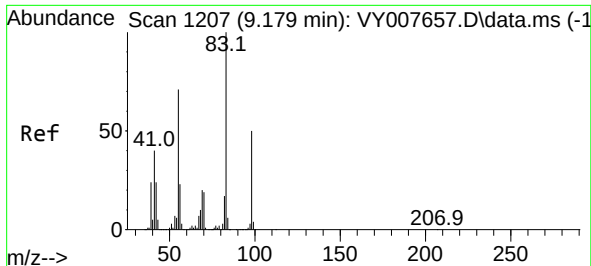
Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Tgt Ion:117 Resp: 315884

Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.9	116.9
121	30.7	24.8	37.2





#39

Methylcyclohexane

Concen: 46.080 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31732

Ion Ratio Lower Upper

83 100

55 67.2 66.5 99.7

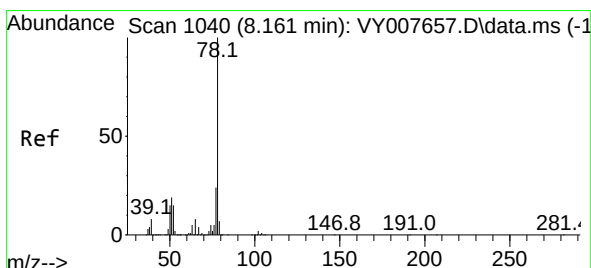
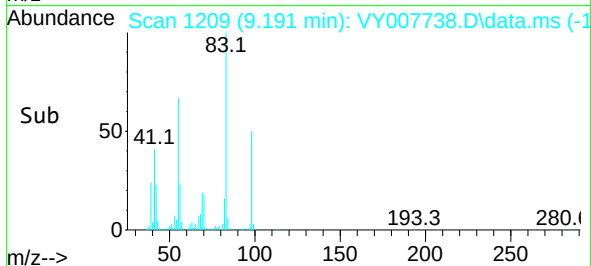
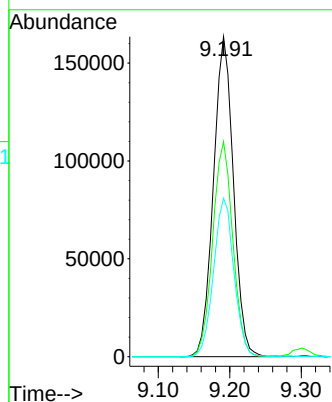
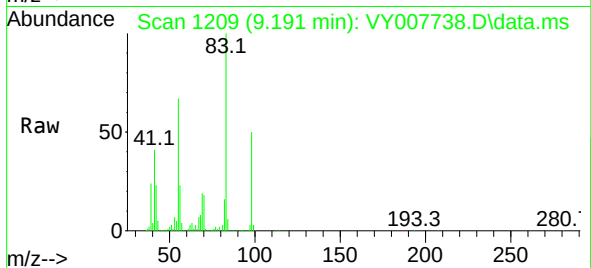
98 49.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Benzene

Concen: 52.640 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY007738.D

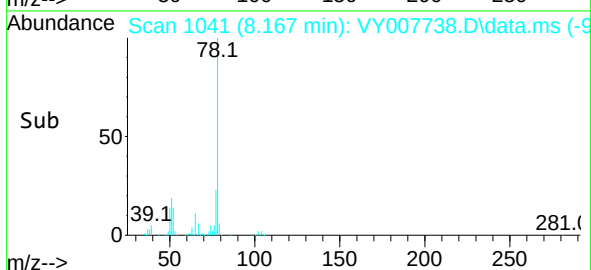
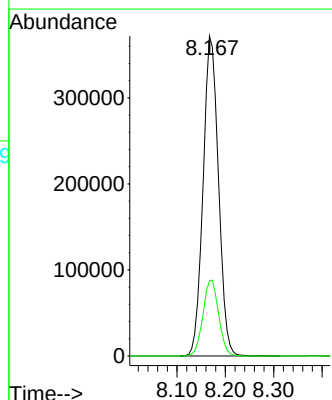
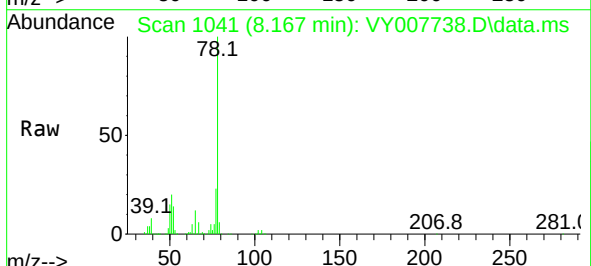
Acq: 04 Mar 2022 11:18

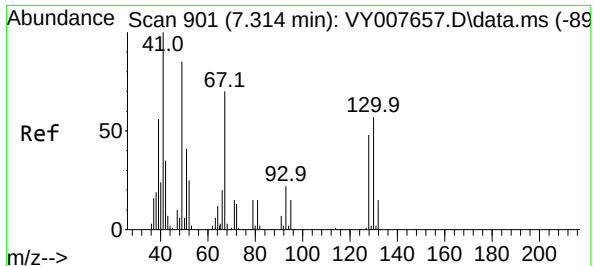
Tgt Ion: 78 Resp: 820880

Ion Ratio Lower Upper

78 100

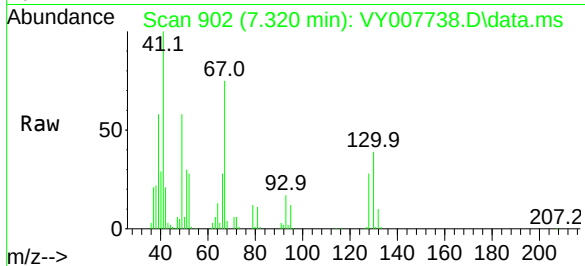
77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 45.546 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

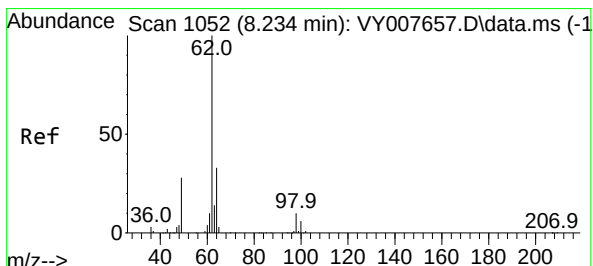
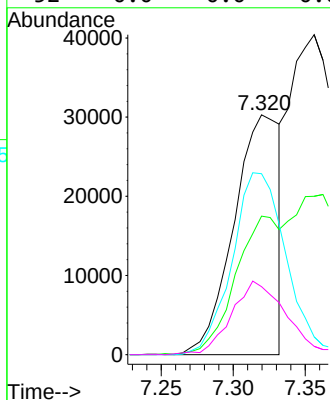
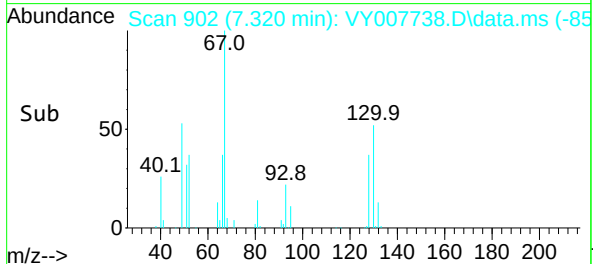
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 67360
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

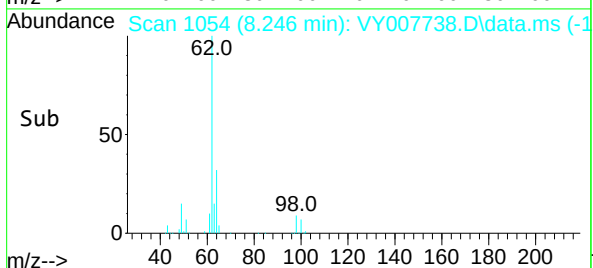
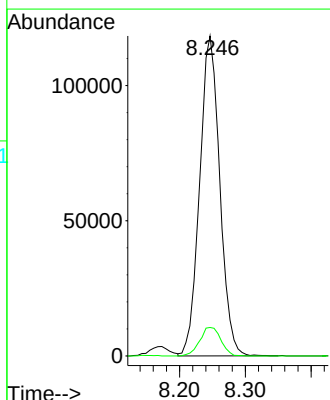
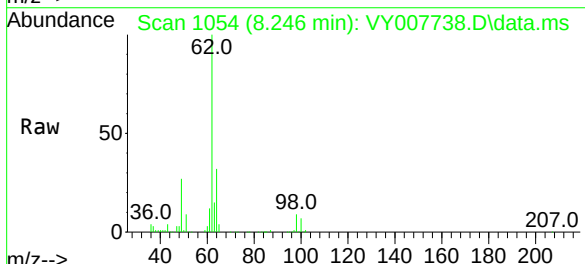
Manual Integrations
APPROVED

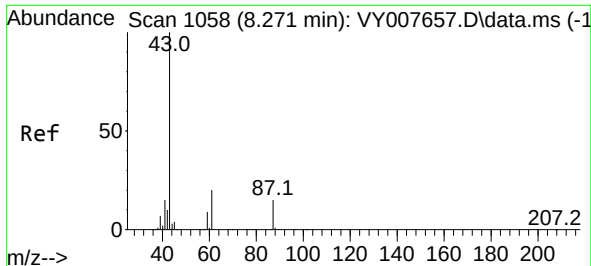
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
1,2-Dichloroethane
Concen: 51.765 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

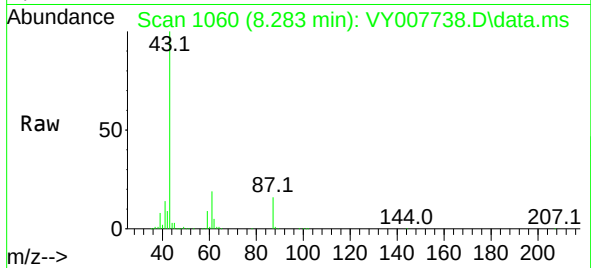
Tgt Ion: 62 Resp: 251885
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 44.496 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

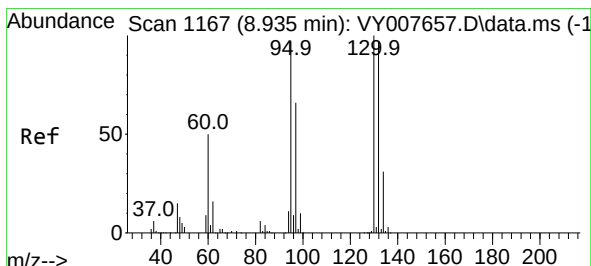
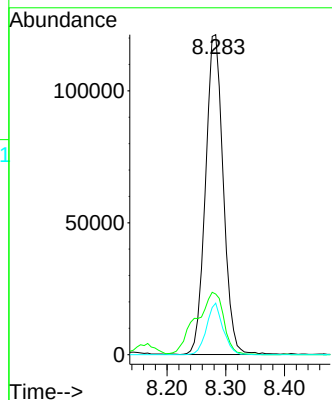
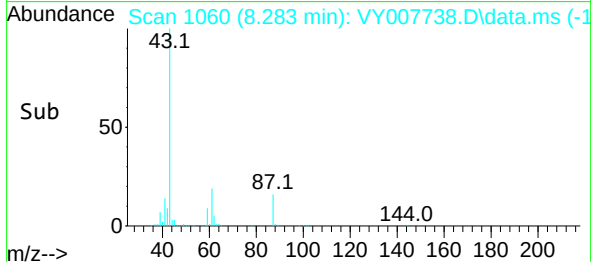
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 254660
Ion Ratio Lower Upper
43 100
61 30.7 20.2 30.2
87 14.9 8.9 13.3

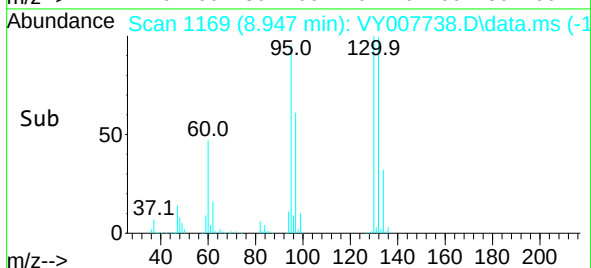
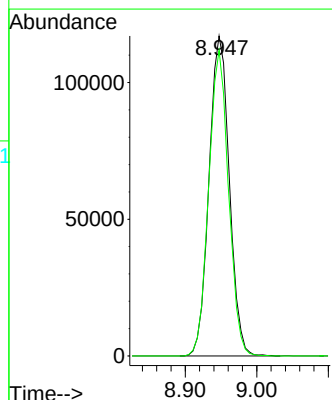
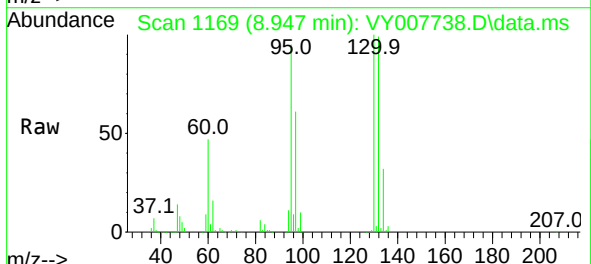
Manual Integrations
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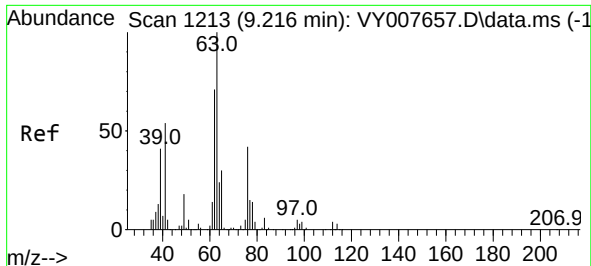
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#44
Trichloroethene
Concen: 53.248 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Tgt Ion:130 Resp: 230614
Ion Ratio Lower Upper
130 100
95 95.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.368 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 21118

Ion Ratio Lower Upper

63 100

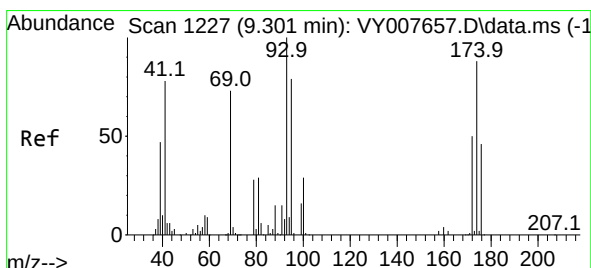
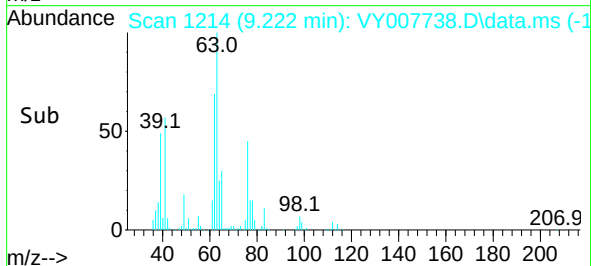
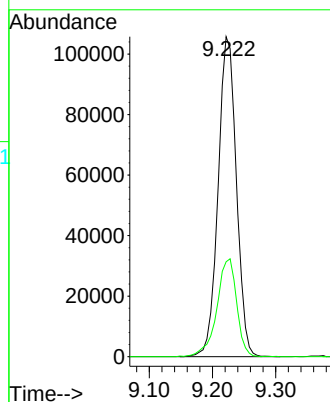
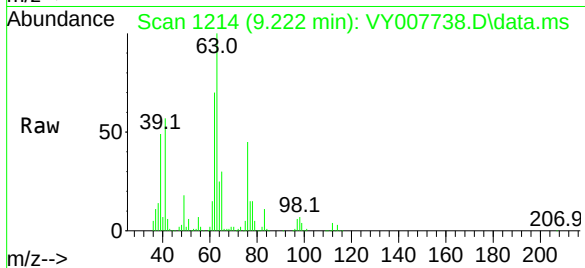
65 29.6 23.0 34.6

Manual Integrations

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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 52.550 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

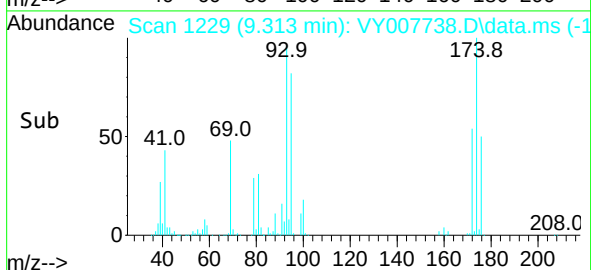
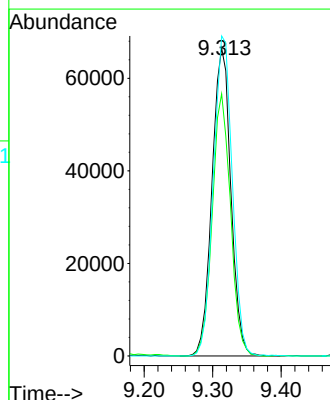
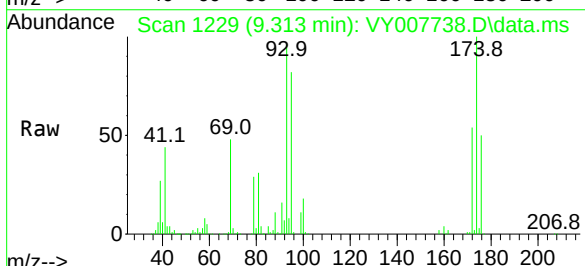
Tgt Ion: 93 Resp: 127208

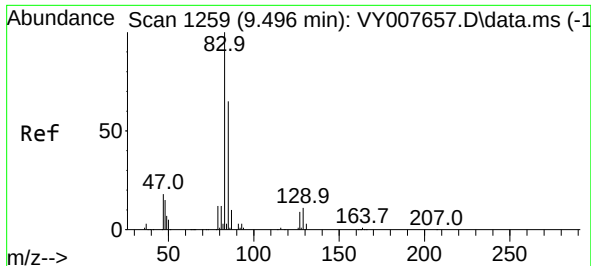
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

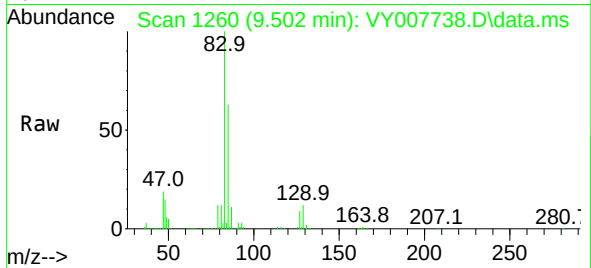
174 104.0 83.4 125.0





#47
Bromodichloromethane
Concen: 55.148 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

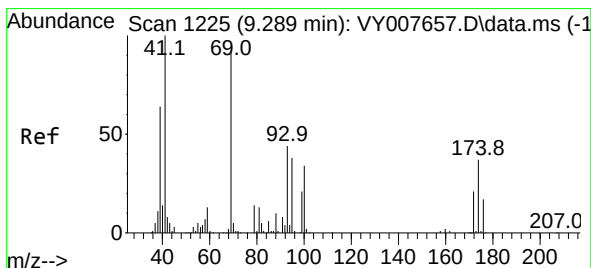
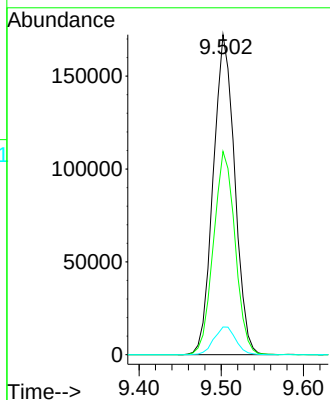
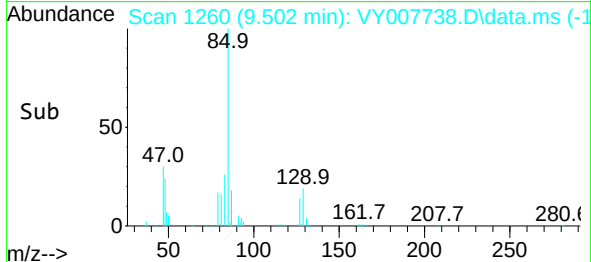
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



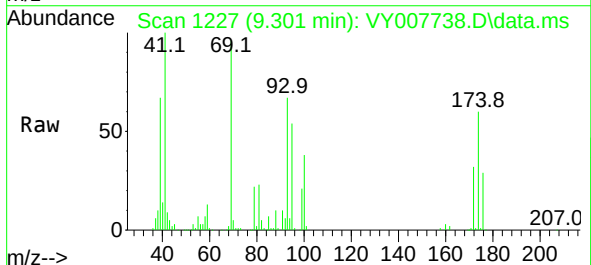
Tgt Ion: 83 Resp: 31311
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 8.6 6.6 10.0

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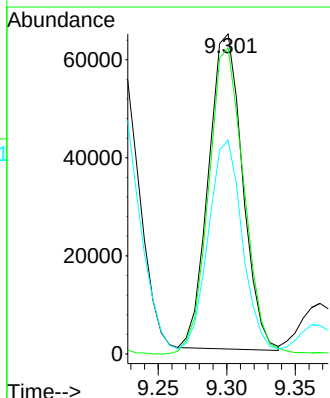
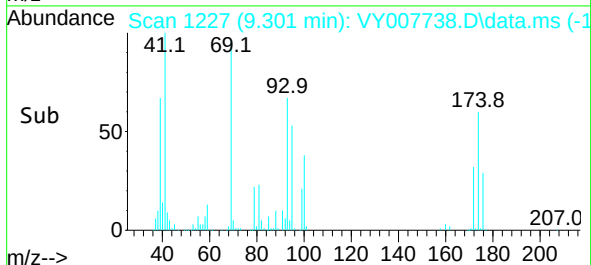
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

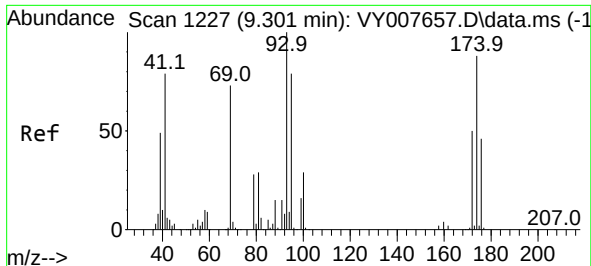


#48
Methyl methacrylate
Concen: 44.744 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion: 41 Resp: 111001
Ion Ratio Lower Upper
41 100
69 100.9 58.2 87.2#
39 68.9 47.4 71.0





#49

1,4-Dioxane

Concen: 705.513 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

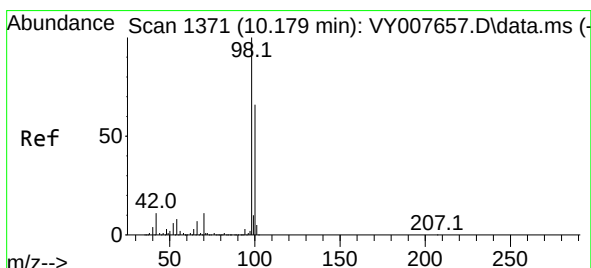
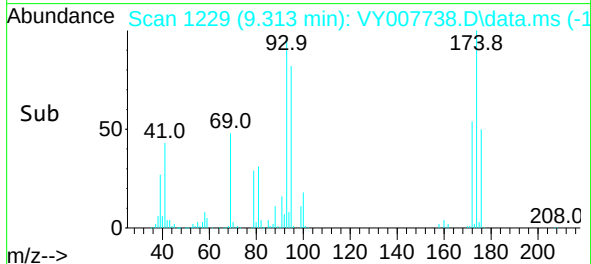
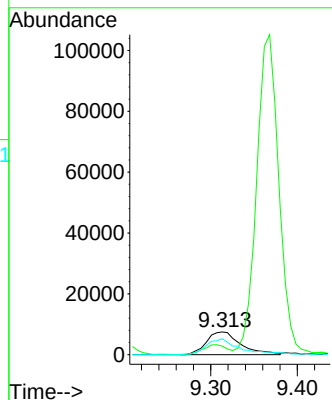
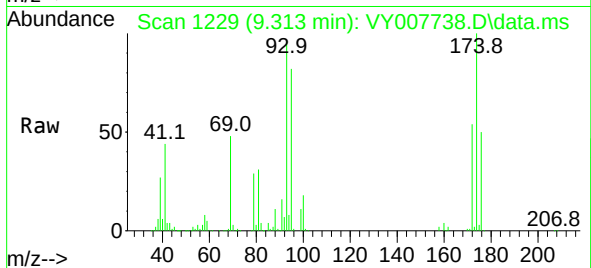
Tgt Ion: 88	Resp: 20618
Ion Ratio	Lower Upper
88 100	
43 30.2	32.8 49.2
58 71.2	59.8 89.6

Manual Integrations

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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 45.112 ug/l

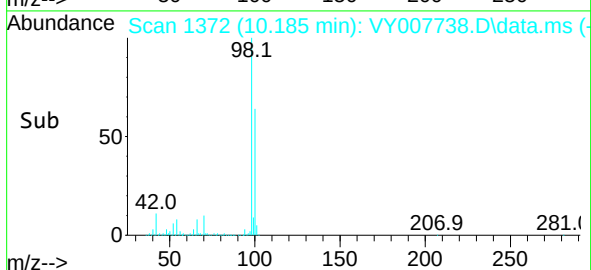
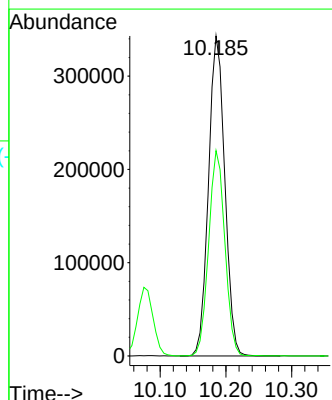
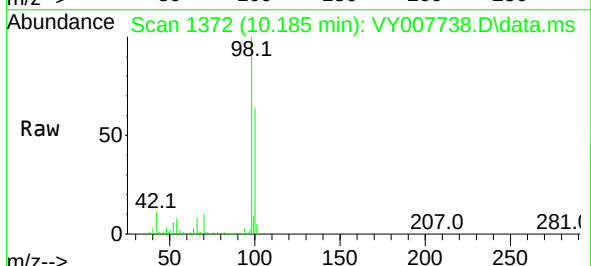
RT: 10.185 min Scan# 1372

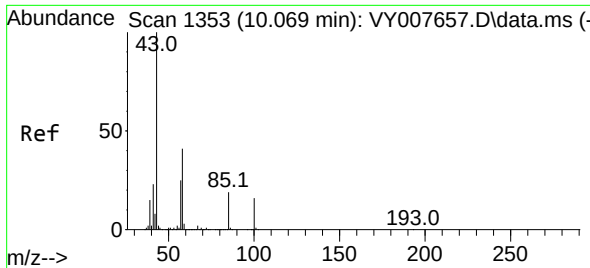
Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

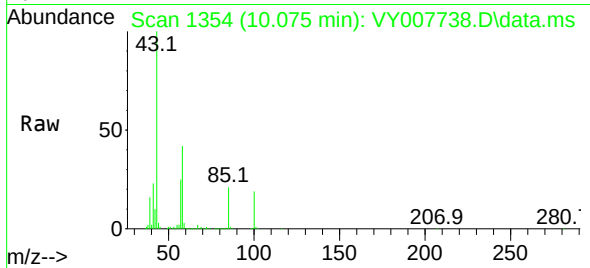
Tgt Ion: 98	Resp: 591503
Ion Ratio	Lower Upper
98 100	
100 63.6	50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 218.172 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

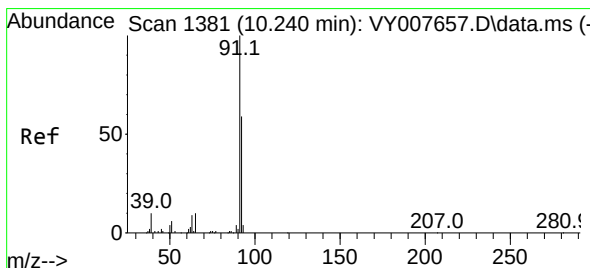
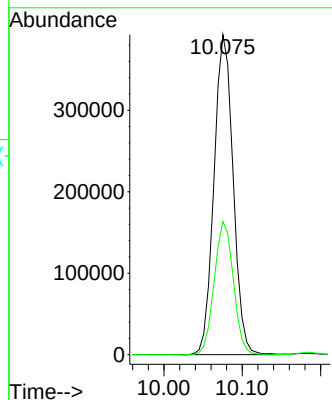
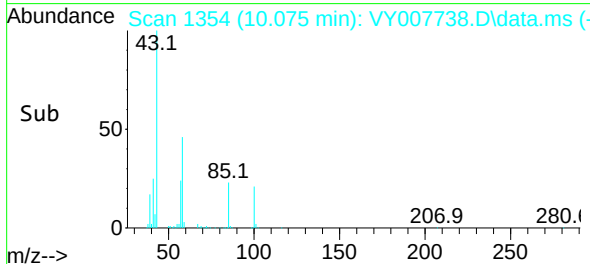
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 668124
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1

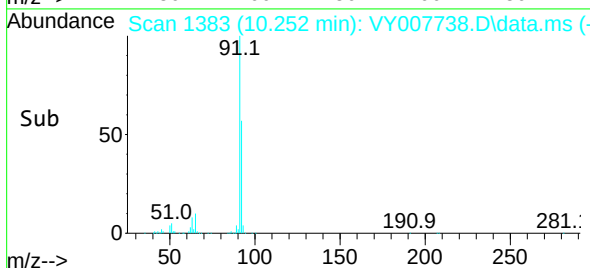
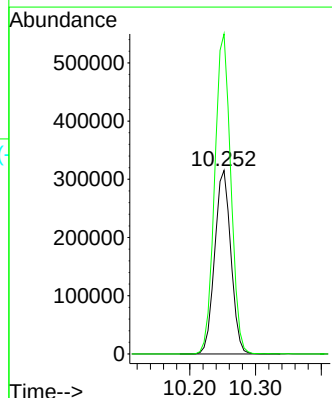
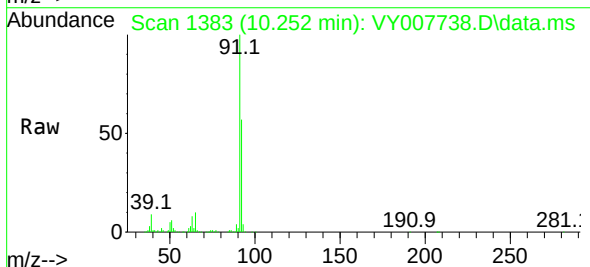
Manual Integrations
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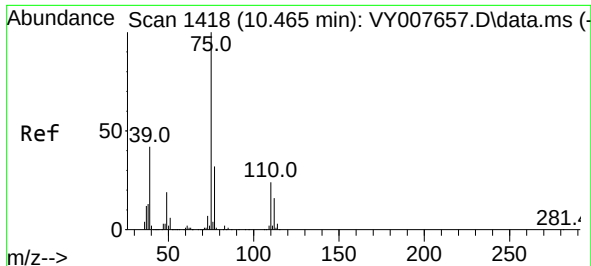
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 53.431 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

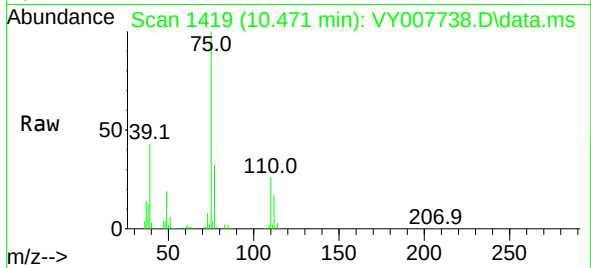
Tgt Ion: 92 Resp: 538748
Ion Ratio Lower Upper
92 100
91 174.1 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 50.299 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

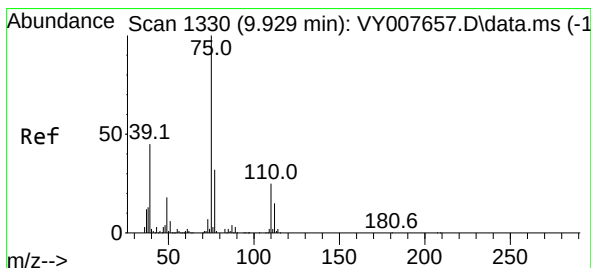
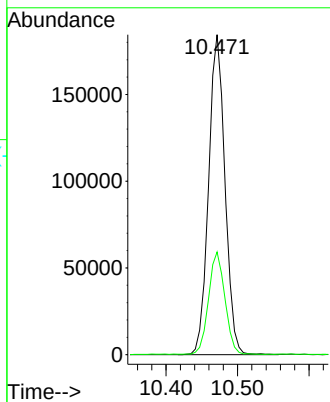
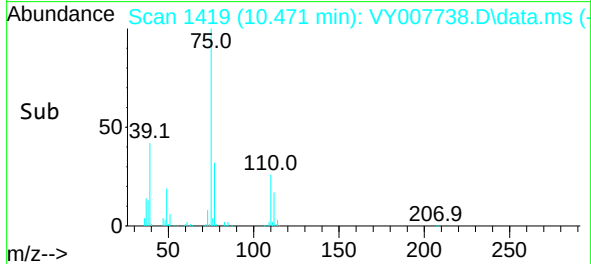
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 29320
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

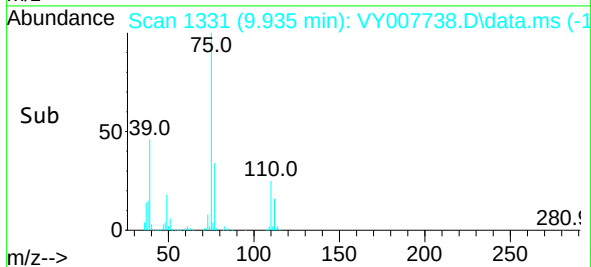
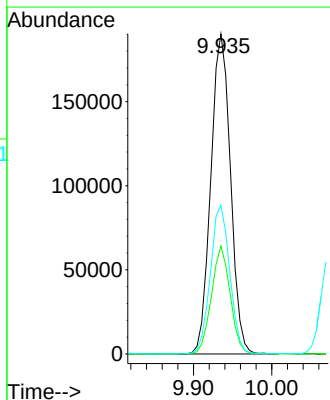
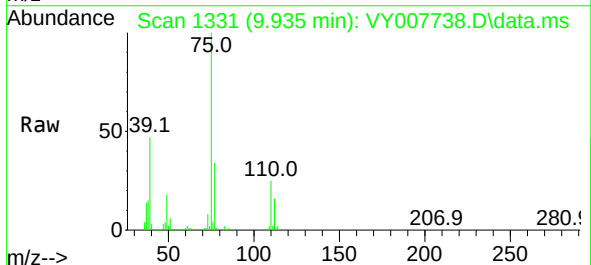
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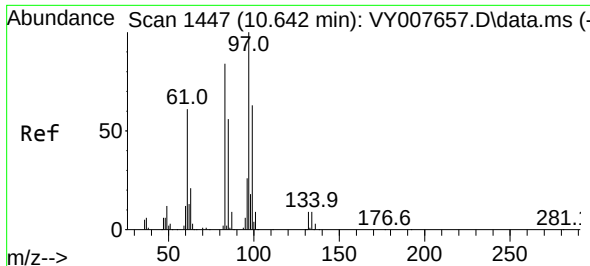
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#54
cis-1,3-Dichloropropene
Concen: 51.574 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

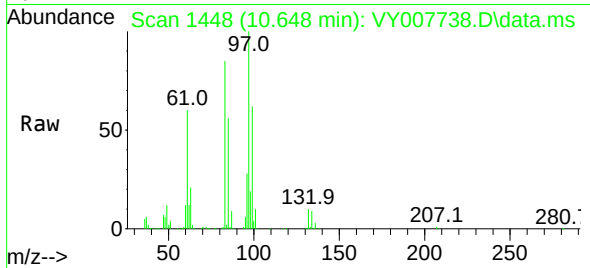
Tgt Ion: 75 Resp: 332155
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4
39 46.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 53.351 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

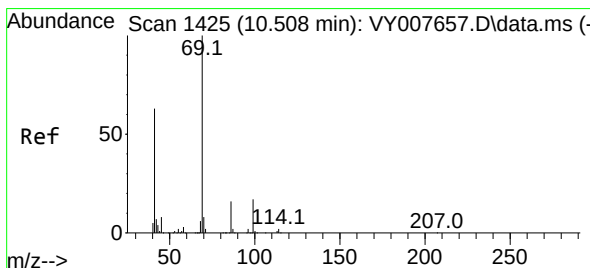
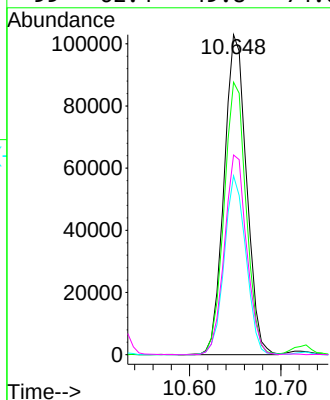
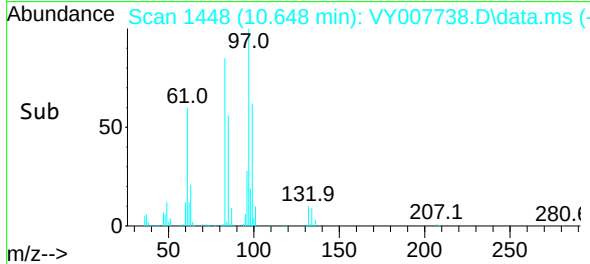
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 175690
Ion Ratio Lower Upper
97 100
83 85.1 69.8 104.8
85 55.9 44.3 66.5
99 62.4 49.8 74.6

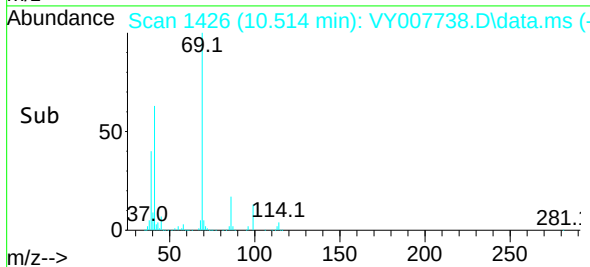
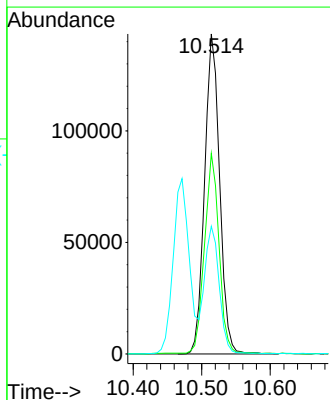
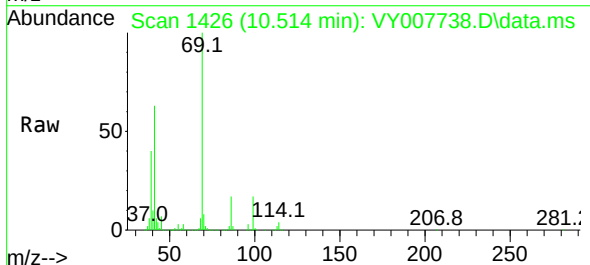
Manual Integrations
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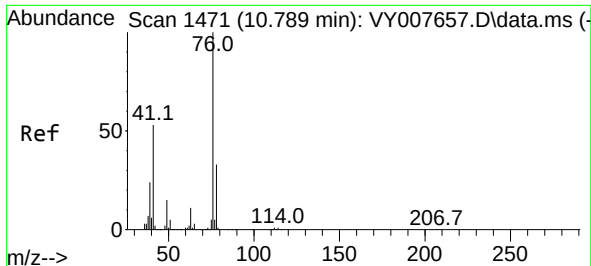
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#56
Ethyl methacrylate
Concen: 50.138 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Tgt Ion: 69 Resp: 219212
Ion Ratio Lower Upper
69 100
41 61.2 63.4 95.0#
39 38.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 51.852 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 288750

Ion Ratio Lower Upper

76 100

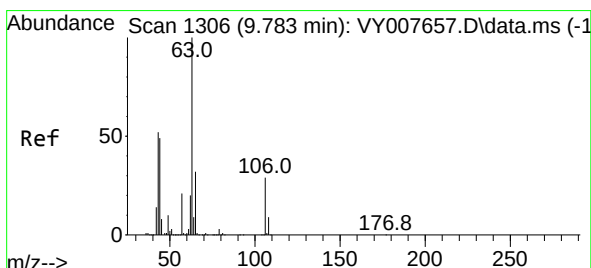
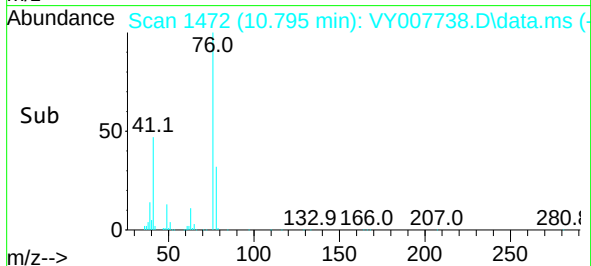
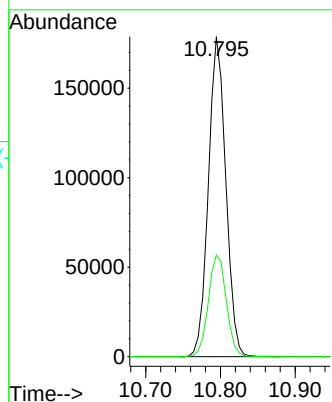
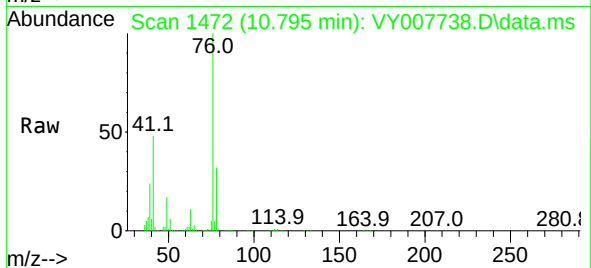
78 32.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 222.228 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY007738.D

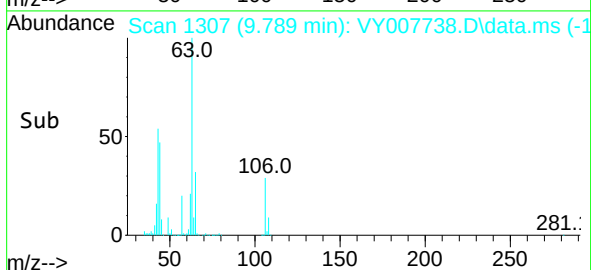
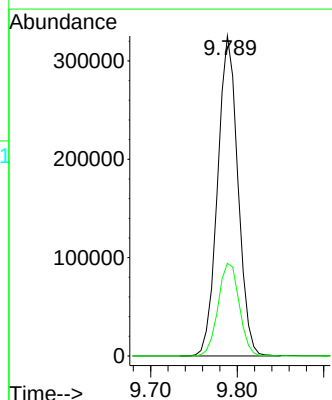
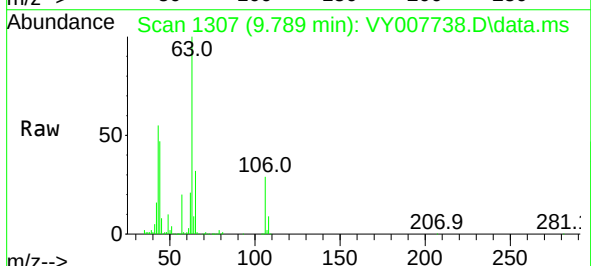
Acq: 04 Mar 2022 11:18

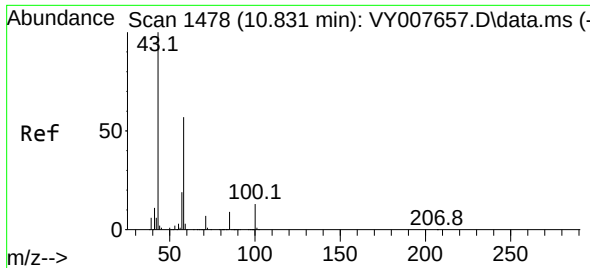
Tgt Ion: 63 Resp: 529882

Ion Ratio Lower Upper

63 100

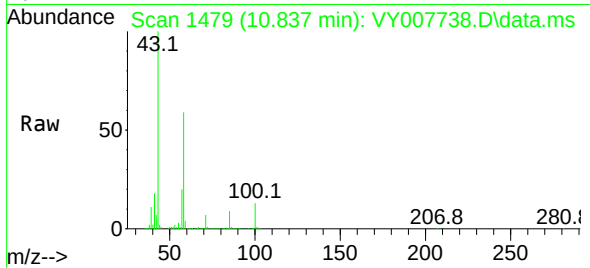
106 30.2 21.5 32.3





#59
2-Hexanone
Concen: 214.714 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

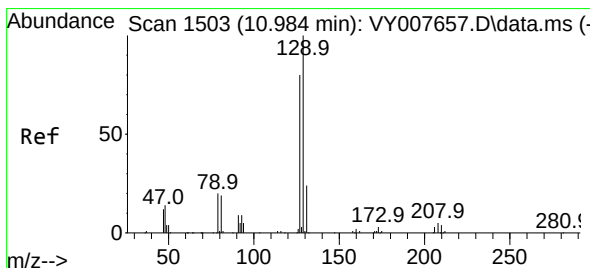
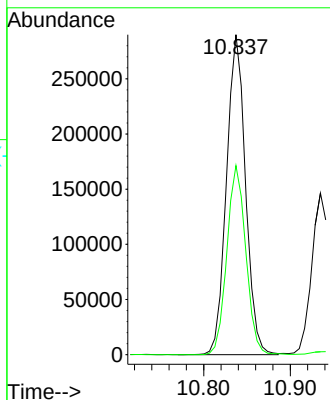
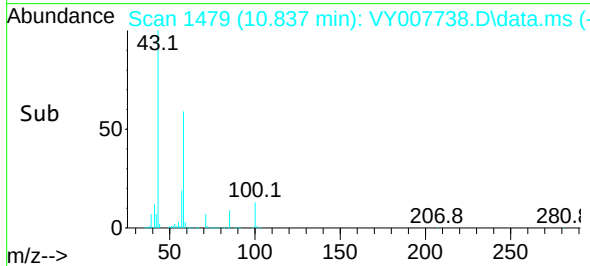
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



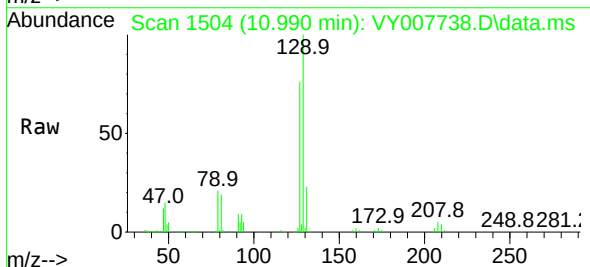
Tgt Ion: 43 Resp: 442800
Ion Ratio Lower Upper
43 100
58 58.8 24.4 73.4

Manual Integrations
APPROVED

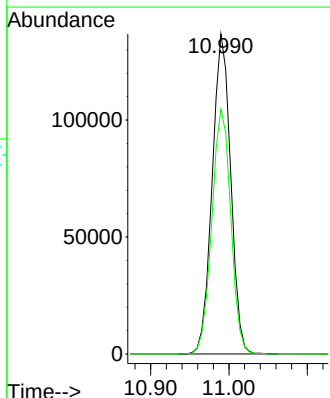
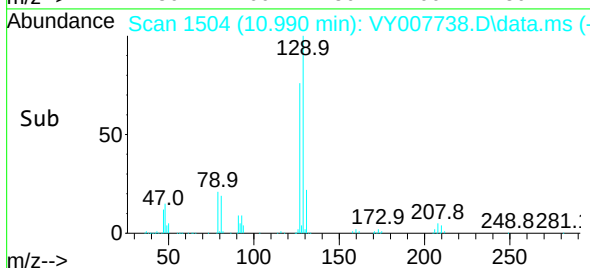
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

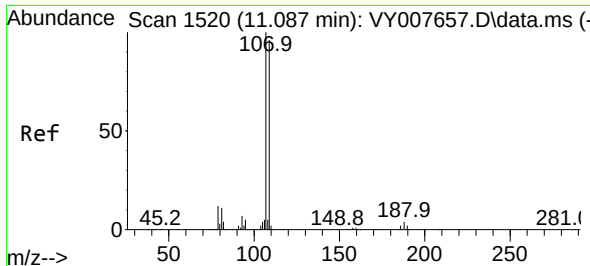


#60
Dibromochloromethane
Concen: 57.169 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



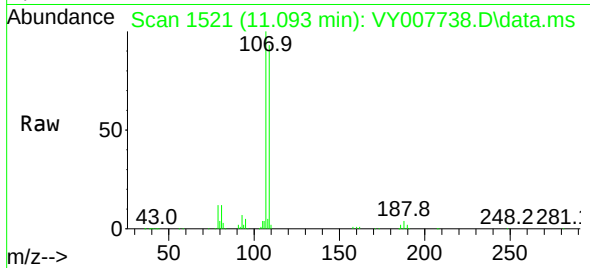
Tgt Ion:129 Resp: 224175
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.726 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

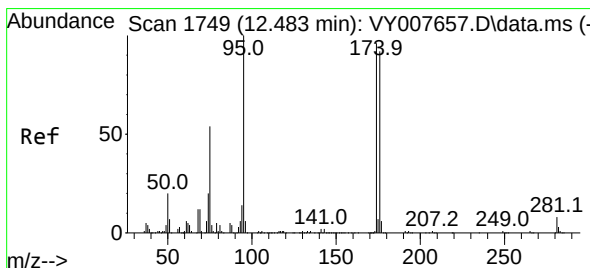
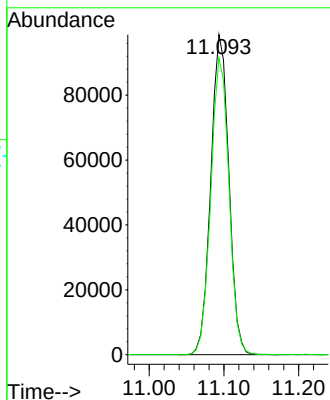
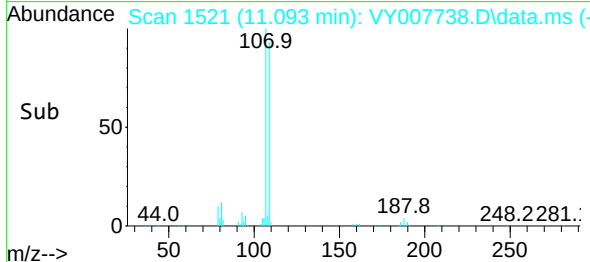
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 165502
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2

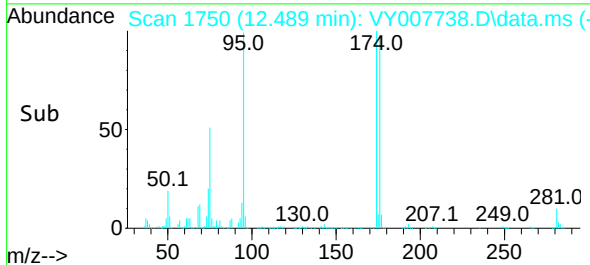
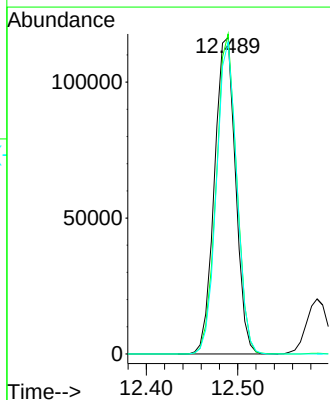
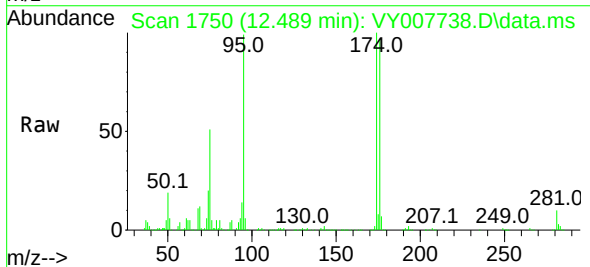
Manual Integrations
APPROVED

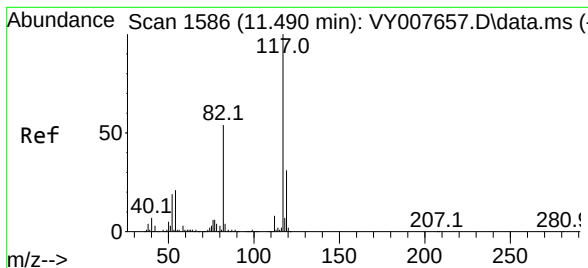
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#62
4-Bromofluorobenzene
Concen: 44.182 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

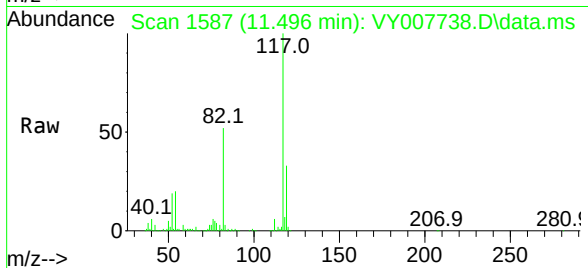
Tgt Ion: 95 Resp: 186735
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 95.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

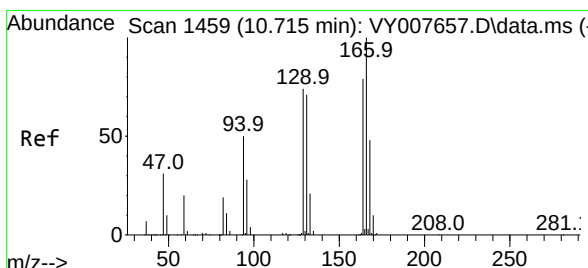
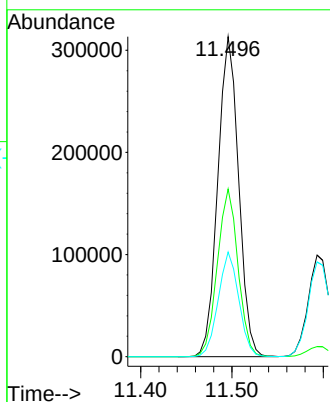
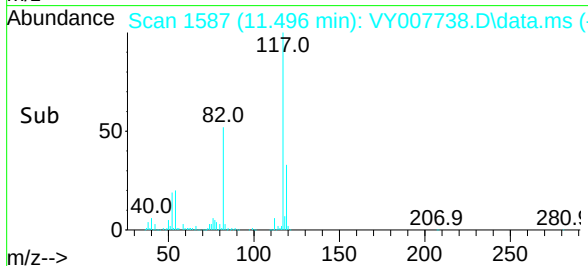
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



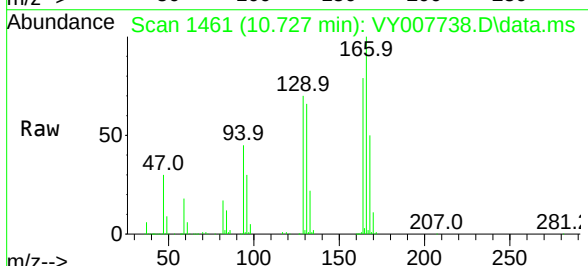
Tgt Ion:117 Resp: 496704
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.7 25.4 38.0

Manual Integrations
APPROVED

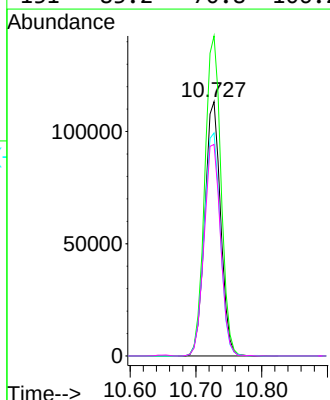
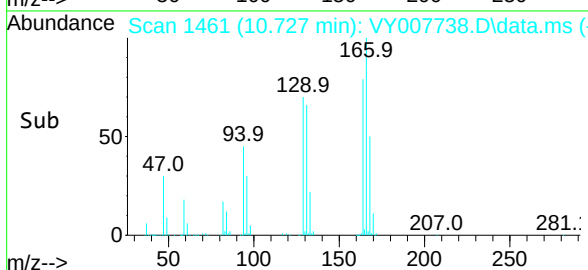
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

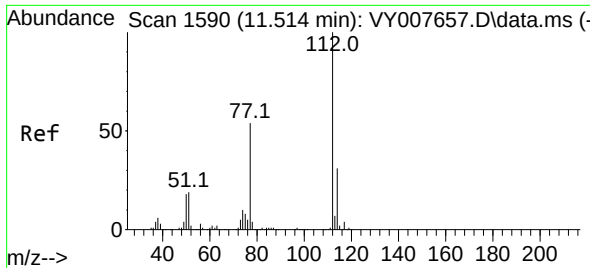


#64
Tetrachloroethene
Concen: 51.626 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion:164 Resp: 190078
Ion Ratio Lower Upper
164 100
166 125.8 100.4 150.6
129 87.7 71.4 107.0
131 83.2 70.8 106.2





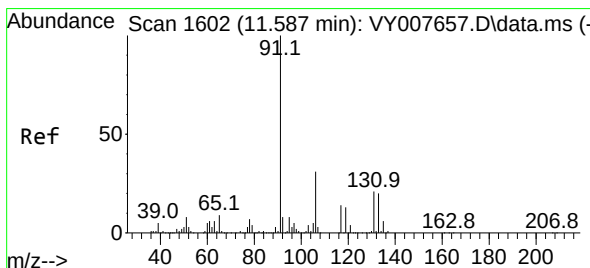
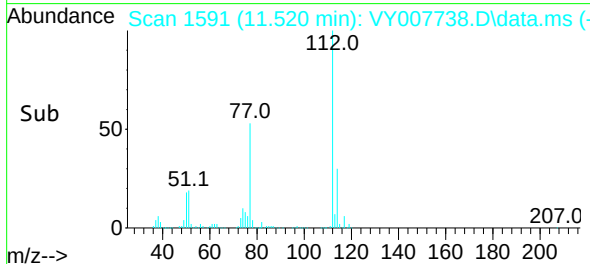
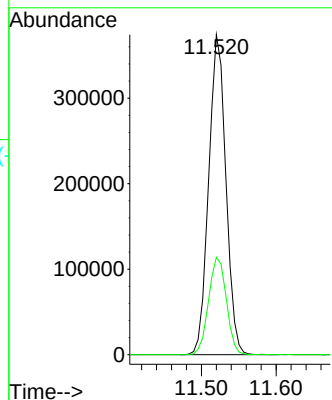
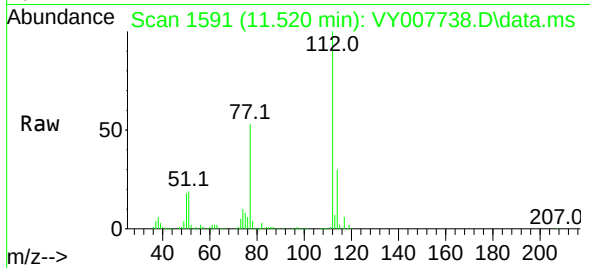
#65
Chlorobenzene
Concen: 55.247 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 59785
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

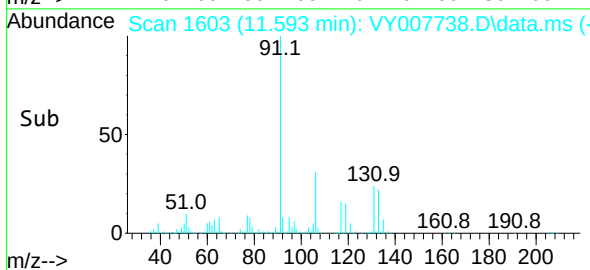
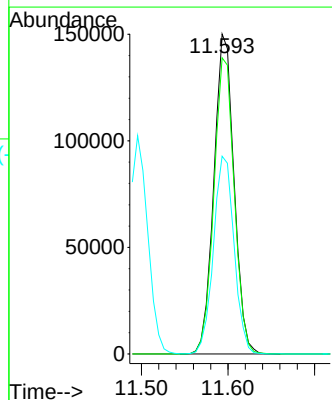
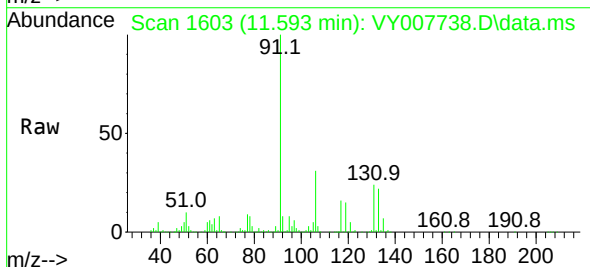
Manual Integrations
APPROVED

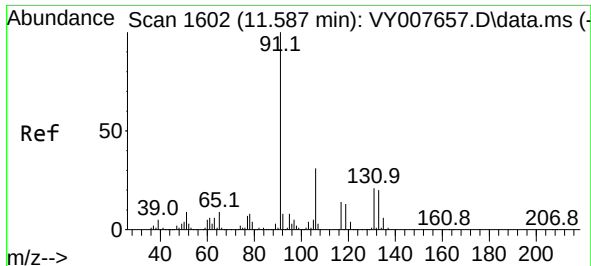
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 59.909 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Tgt Ion:131 Resp: 242437
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.6
119 63.3 30.8 92.3





#67

Ethyl Benzene

Concen: 53.874 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 105136

Ion Ratio Lower Upper

91 100

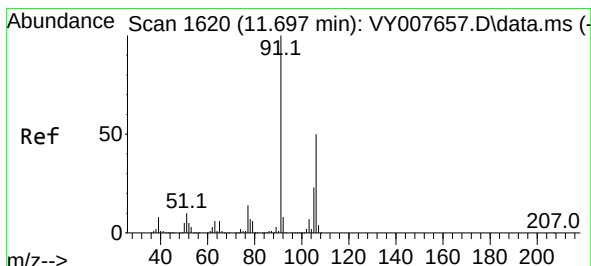
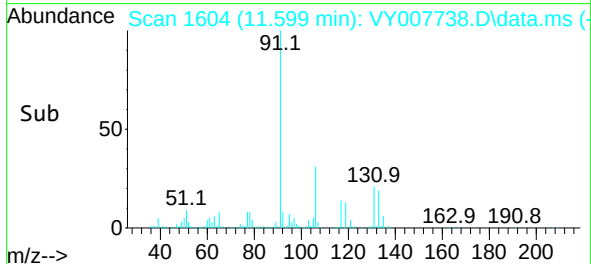
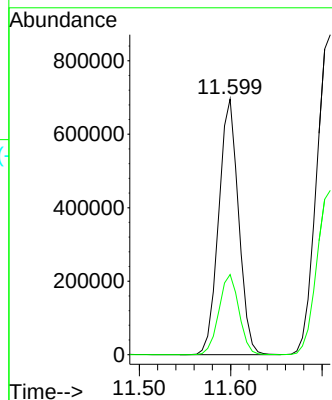
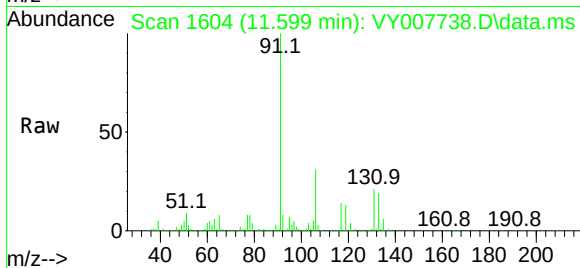
106 31.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

m/p-Xylenes

Concen: 107.222 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.012 min

Lab File: VY007738.D

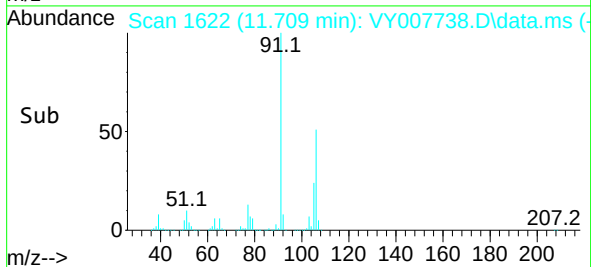
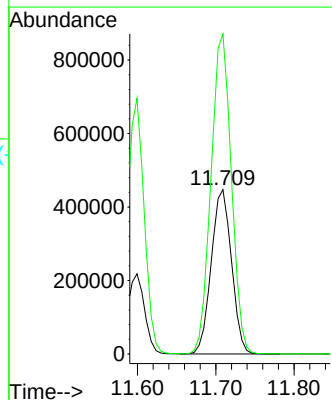
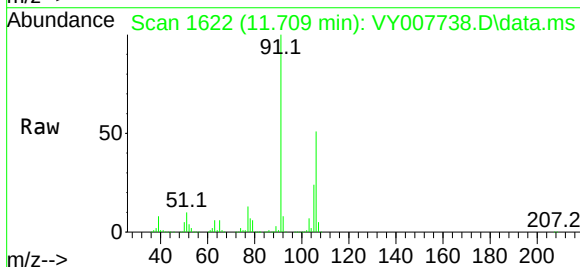
Acq: 04 Mar 2022 11:18

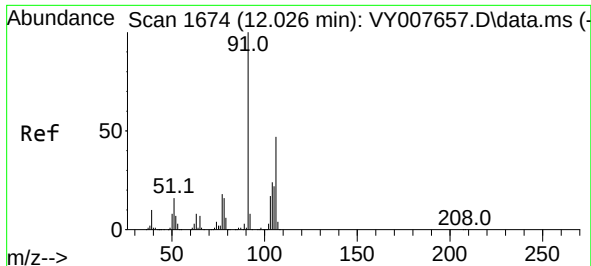
Tgt Ion:106 Resp: 802862

Ion Ratio Lower Upper

106 100

91 195.6 166.6 249.8





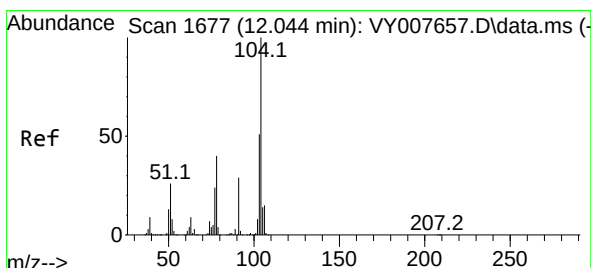
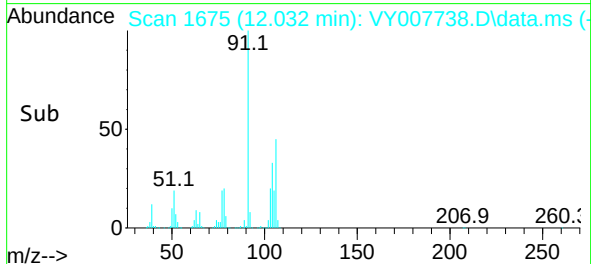
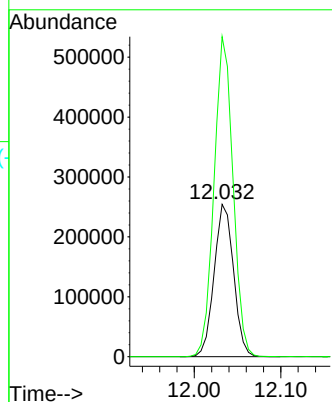
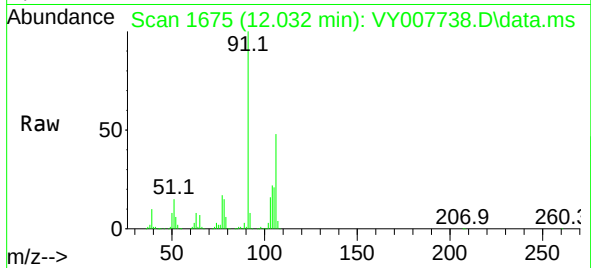
#69
o-Xylene
Concen: 55.889 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 396572
Ion Ratio Lower Upper
106 100
91 205.0 110.3 331.0

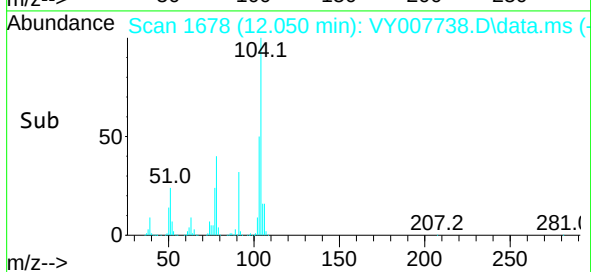
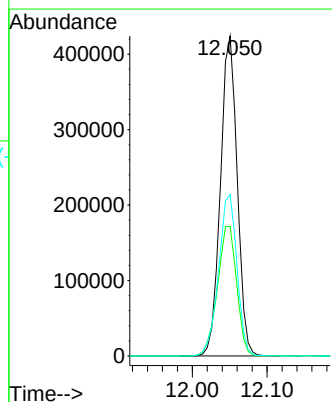
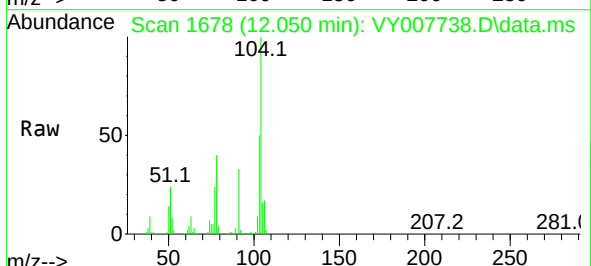
Manual Integrations
APPROVED

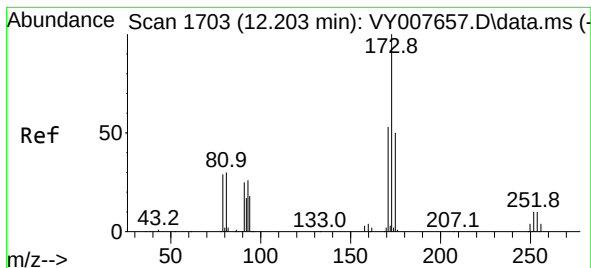
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Styrene
Concen: 55.764 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Tgt Ion:104 Resp: 662530
Ion Ratio Lower Upper
104 100
78 46.2 42.4 63.6
103 55.3 44.4 66.6





#71

Bromoform

Concen: 55.325 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

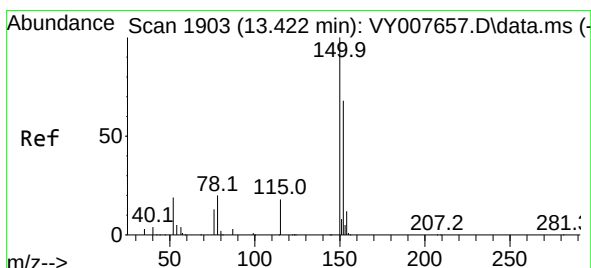
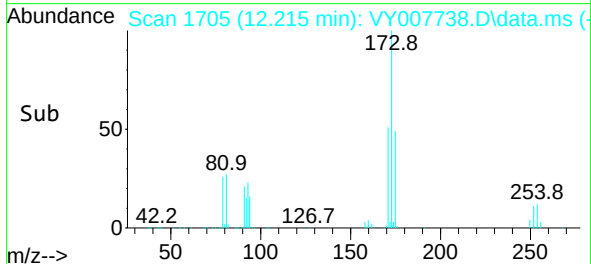
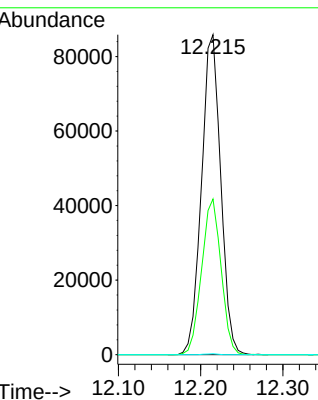
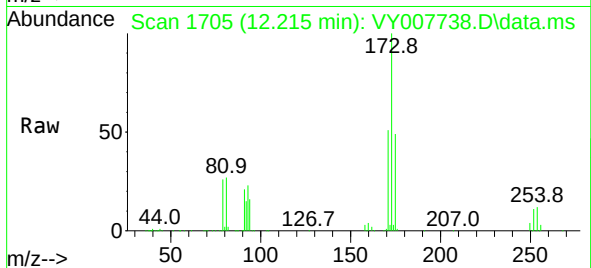
Tgt Ion:173	Resp: 13940
Ion Ratio	Lower Upper
173	100
175	49.2 24.6 74.0
254	0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

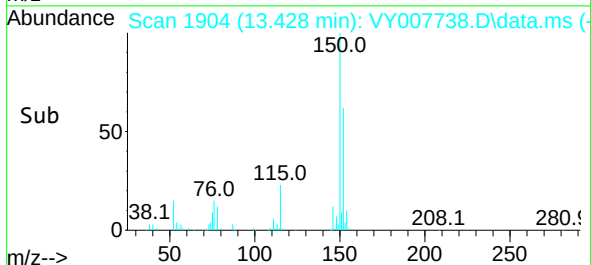
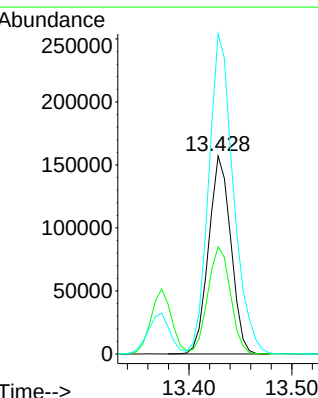
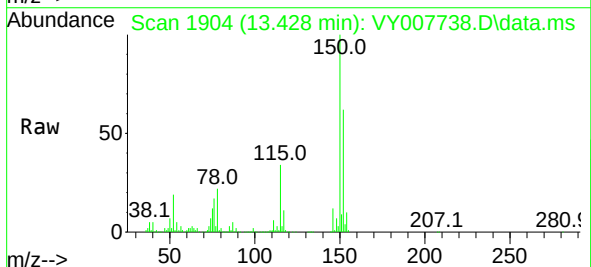
RT: 13.428 min Scan# 1904

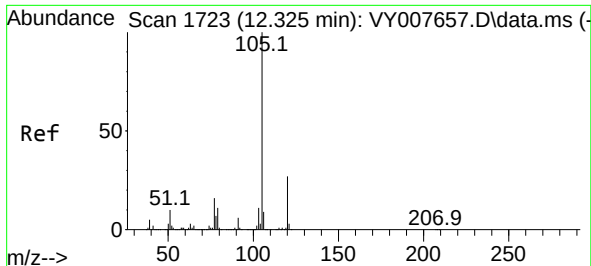
Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

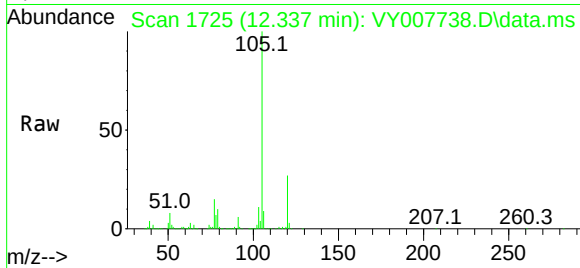
Tgt Ion:152	Resp: 235922
Ion Ratio	Lower Upper
152	100
115	55.2 28.2 84.7
150	179.5 0.0 347.6





#73
Isopropylbenzene
Concen: 56.700 ug/l
RT: 12.337 min Scan# 1723
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

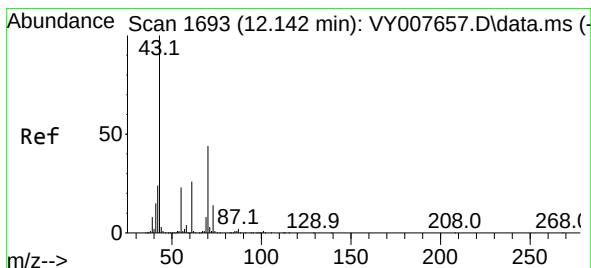
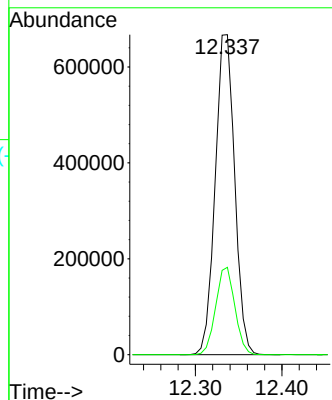
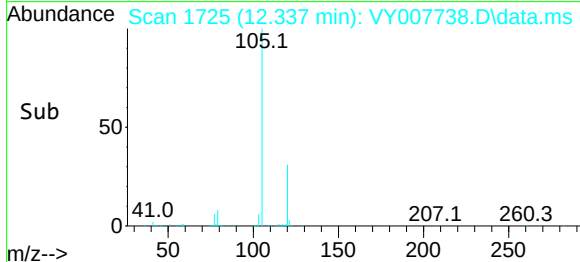
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



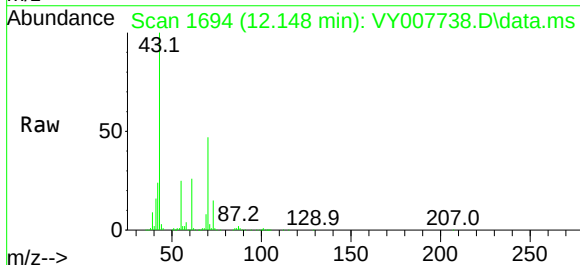
Tgt Ion:105 Resp: 1042120
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

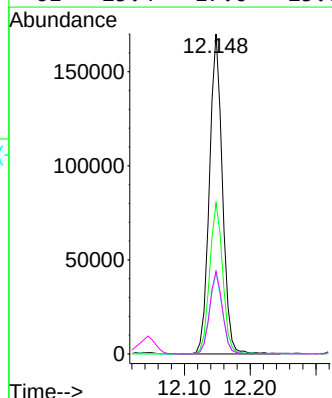
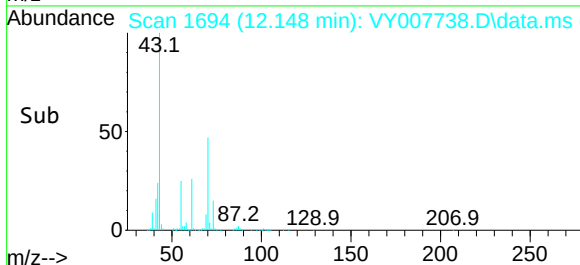
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

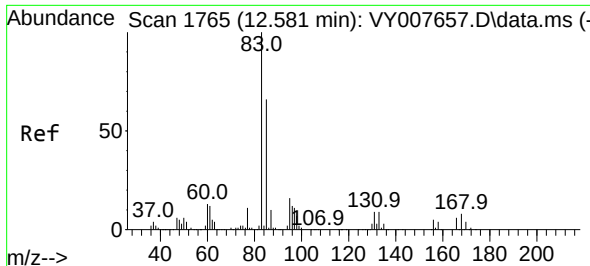


#74
N-ethyl acetate
Concen: 47.865 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



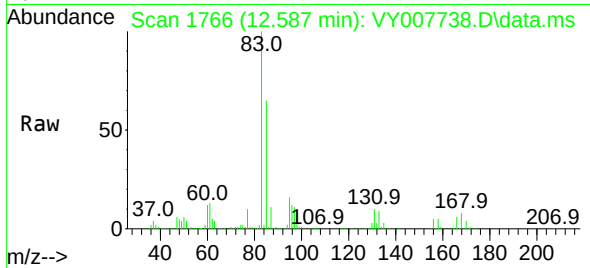
Tgt Ion: 43 Resp: 234182
Ion Ratio Lower Upper
43 100
70 47.4 28.7 43.1#
55 25.3 17.3 25.9
61 25.4 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.714 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

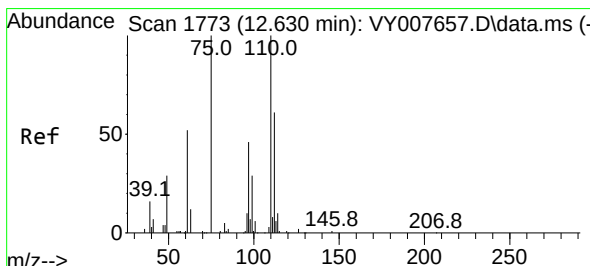
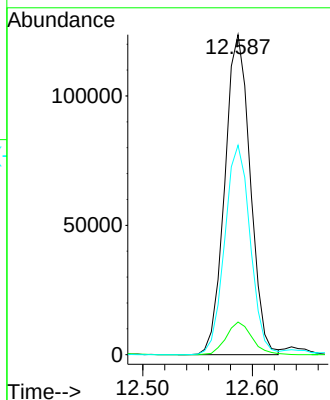
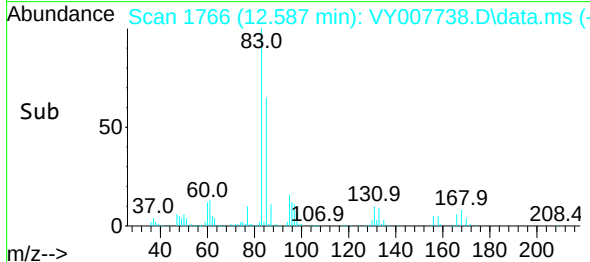
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



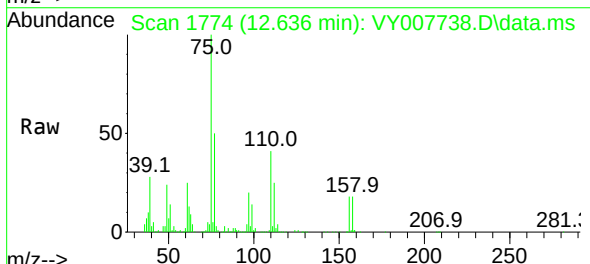
Tgt Ion: 83 Resp: 199348
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.7 32.3 96.8

Manual Integrations
APPROVED

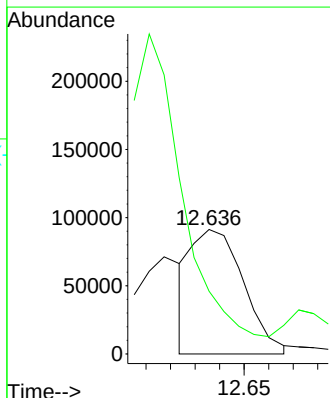
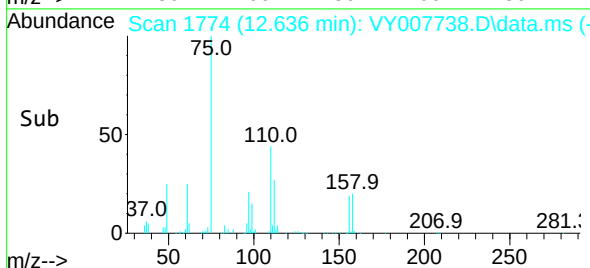
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

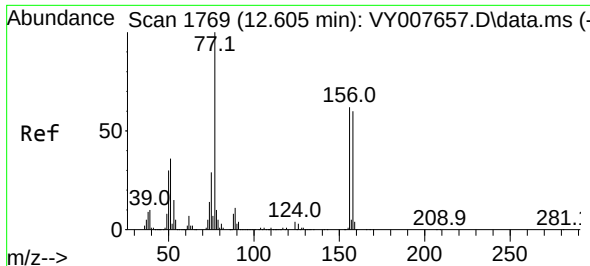


#76
1,2,3-Trichloropropane
Concen: 51.689 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



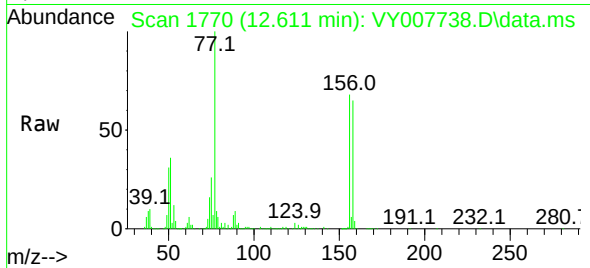
Tgt Ion: 75 Resp: 136184
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 59.522 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

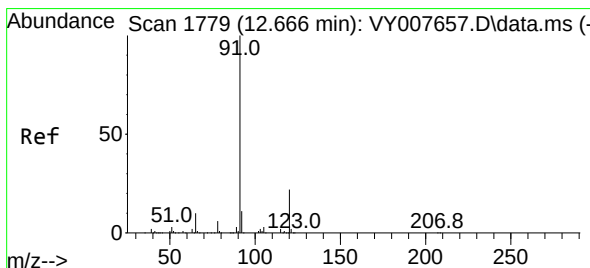
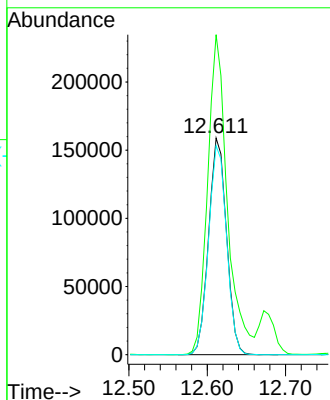
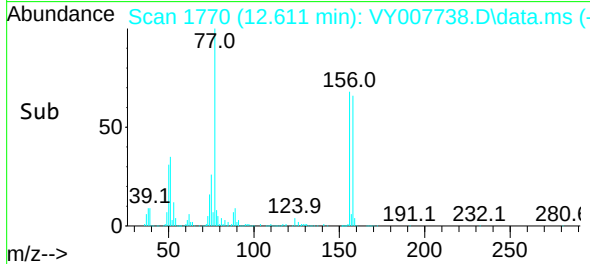
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



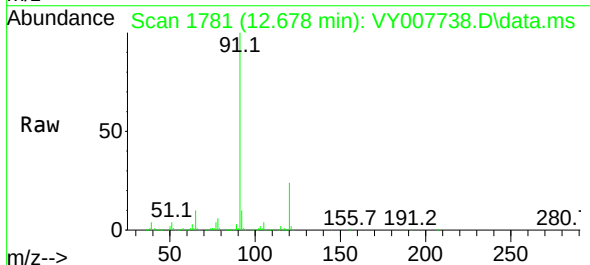
Tgt Ion:156 Resp: 251985
Ion Ratio Lower Upper
156 100
77 163.1 95.5 286.4
158 97.2 48.0 144.0

Manual Integrations
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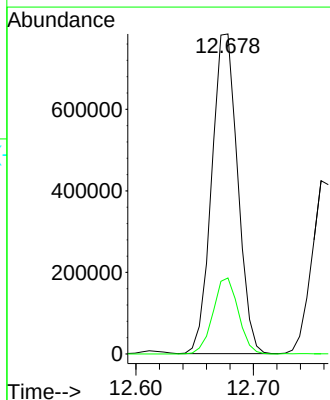
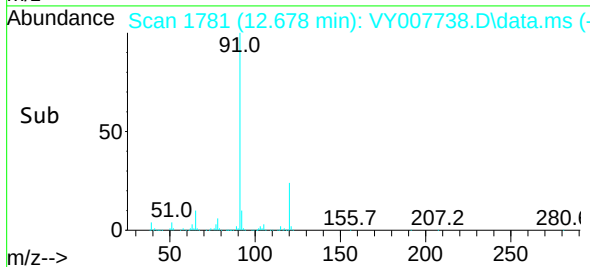
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

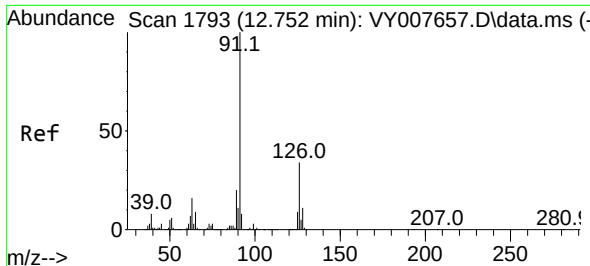


#78
n-propylbenzene
Concen: 54.373 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



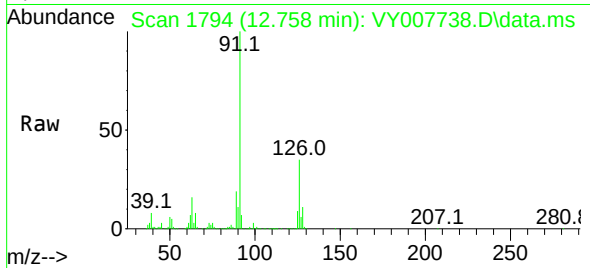
Tgt Ion: 91 Resp: 1205899
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79
2-Chlorotoluene
Concen: 55.919 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

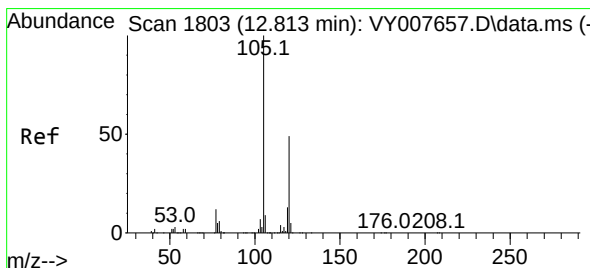
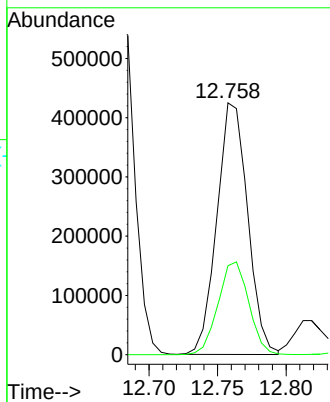
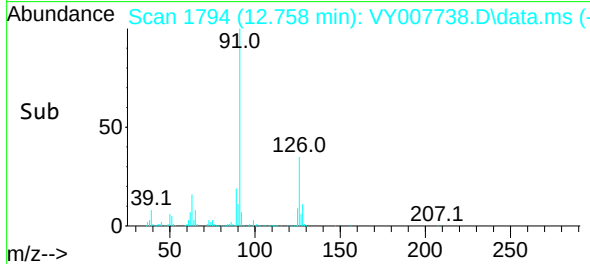
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 663638
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.6

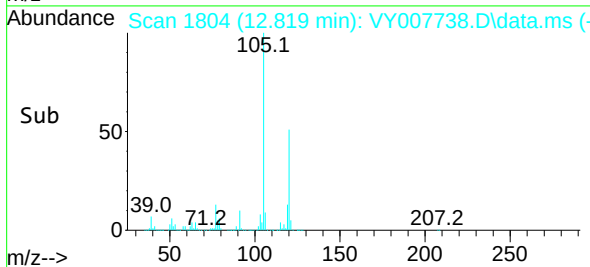
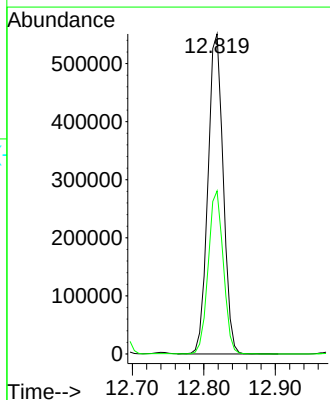
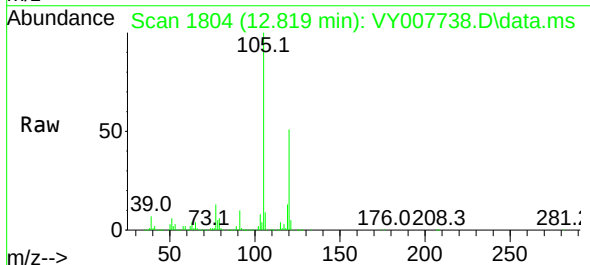
Manual Integrations
APPROVED

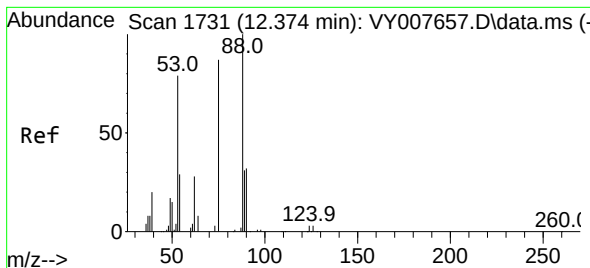
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.468 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

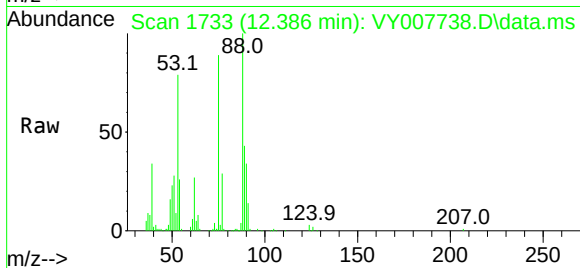
Tgt Ion:105 Resp: 815179
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 45.532 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.012 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

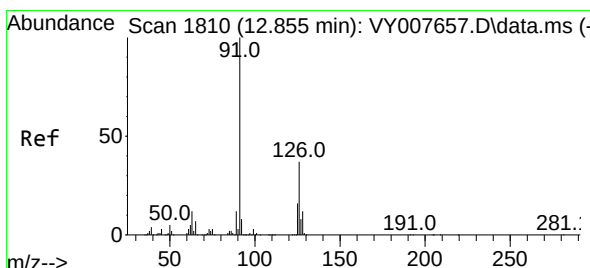
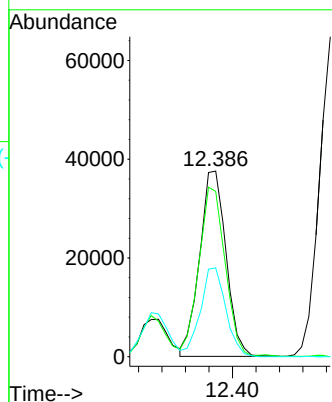
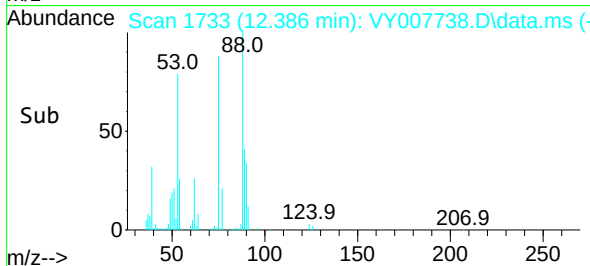
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 58679
Ion Ratio Lower Upper
75 100
53 91.1 85.3 127.9
89 46.2 37.0 55.4

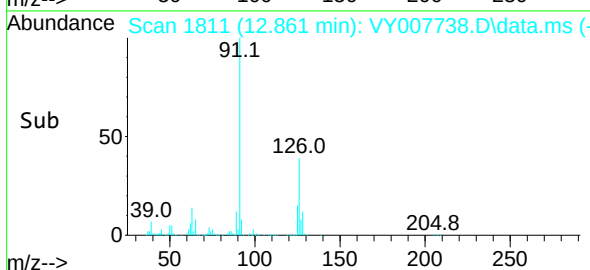
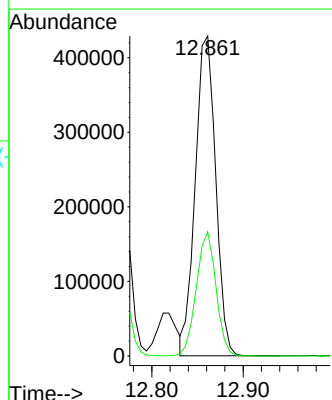
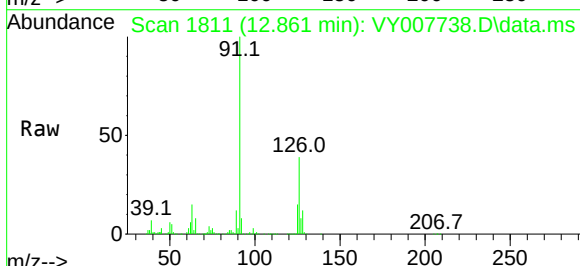
Manual Integrations
APPROVED

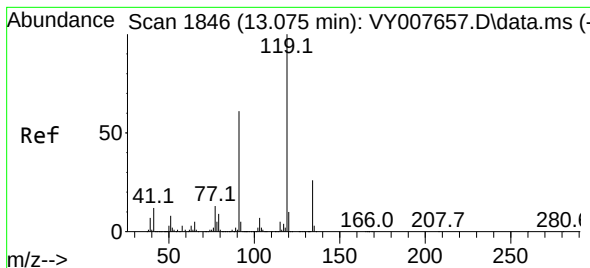
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#82
4-Chlorotoluene
Concen: 54.525 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

Tgt Ion: 91 Resp: 665600
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0





#83

tert-Butylbenzene

Concen: 57.617 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 77888

Ion Ratio Lower Upper

119 100

91 59.5 34.8 104.4

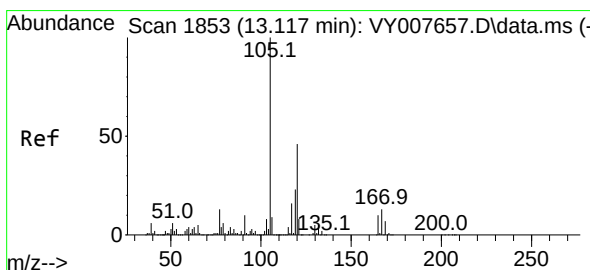
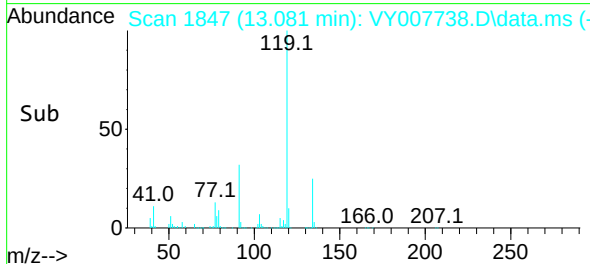
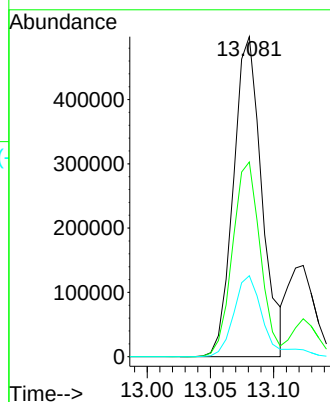
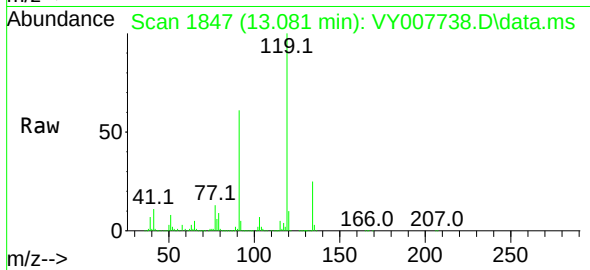
134 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#84

1,2,4-Trimethylbenzene

Concen: 56.080 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY007738.D

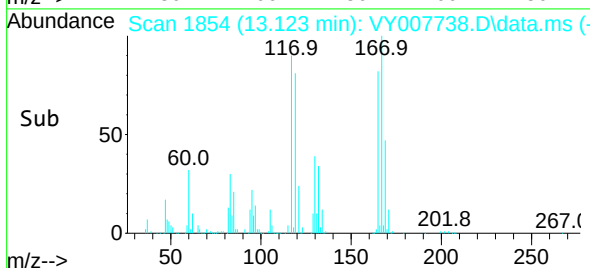
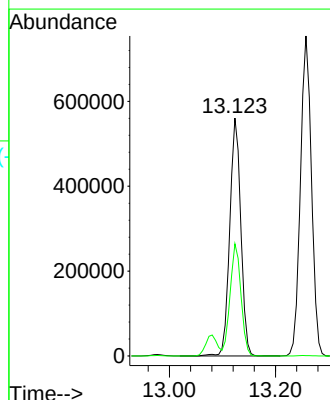
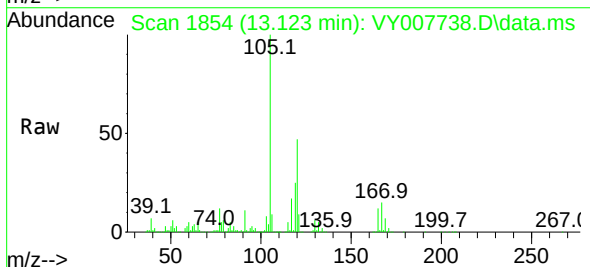
Acq: 04 Mar 2022 11:18

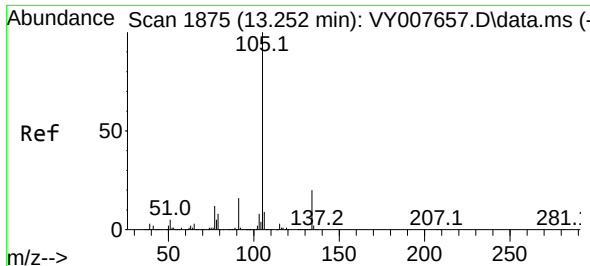
Tgt Ion:105 Resp: 811812

Ion Ratio Lower Upper

105 100

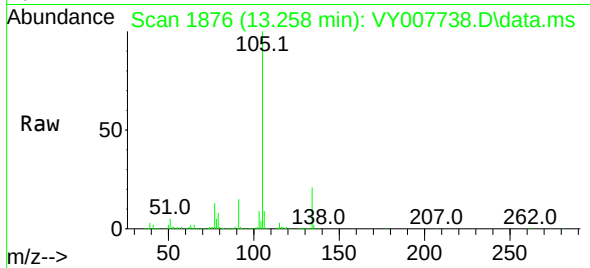
120 46.4 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 54.270 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18

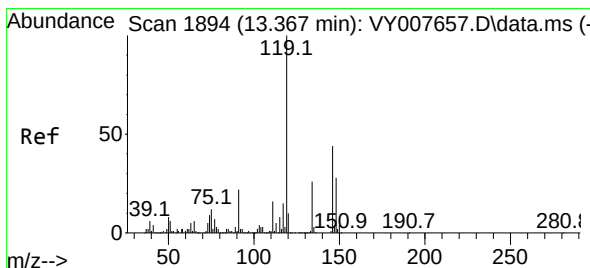
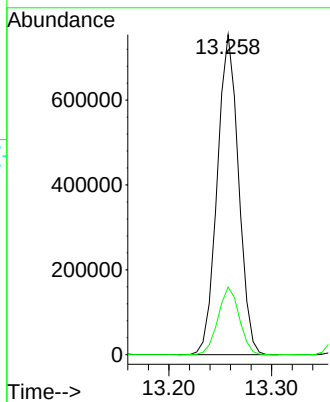
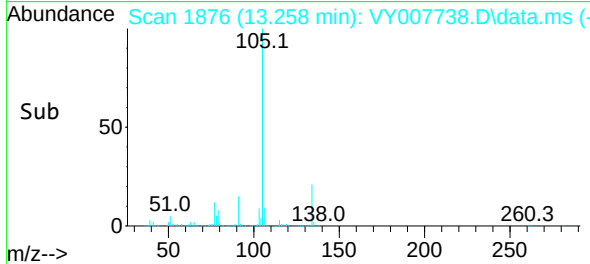
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



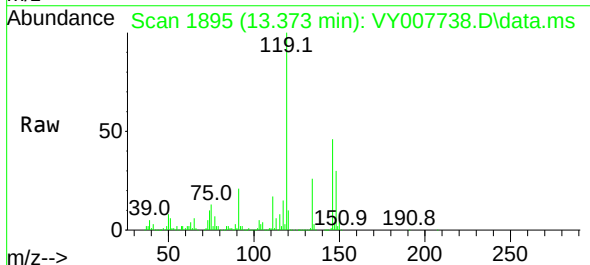
Tgt Ion:105 Resp: 1085240
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

Manual Integrations
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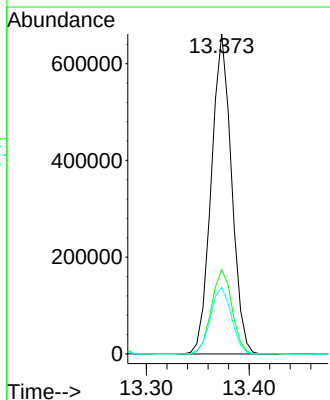
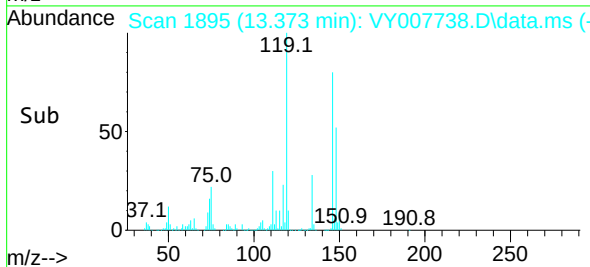
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

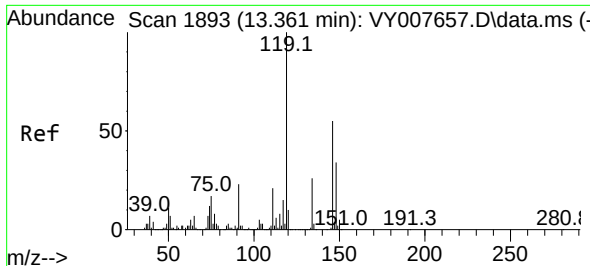


#86
 p-Isopropyltoluene
 Concen: 54.681 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007738.D
 Acq: 04 Mar 2022 11:18



Tgt Ion:119 Resp: 903129
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 21.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 56.414 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY007738.D

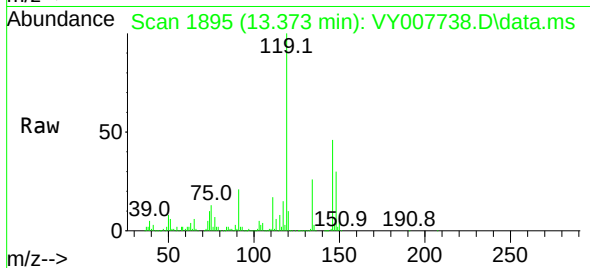
Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 47525

Ion Ratio Lower Upper

146 100

111 37.5 19.5 58.5

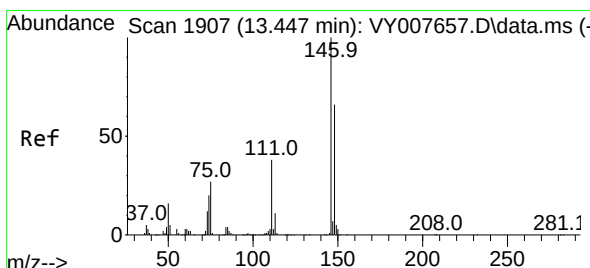
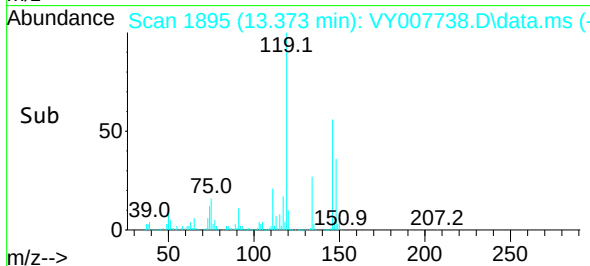
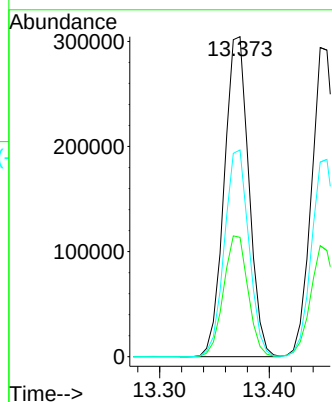
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#88

1,4-Dichlorobenzene

Concen: 55.635 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

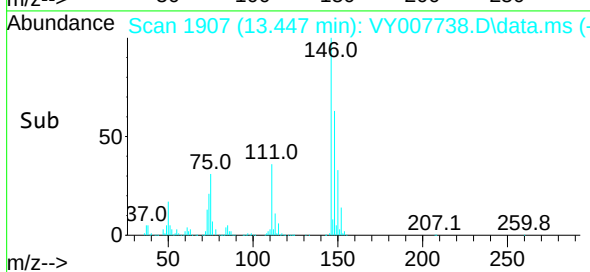
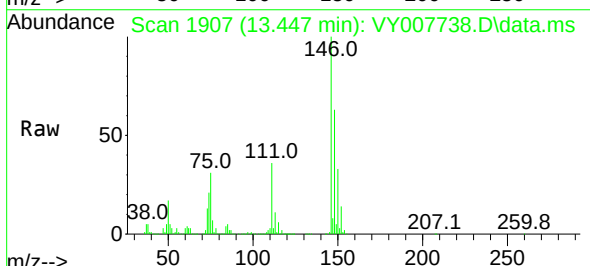
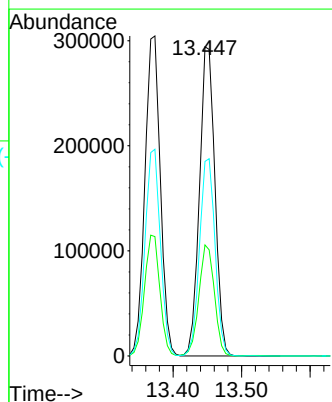
Tgt Ion:146 Resp: 462579

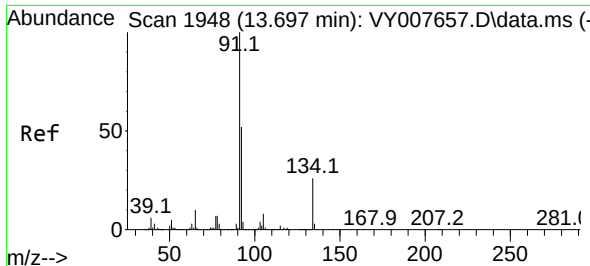
Ion Ratio Lower Upper

146 100

111 35.9 19.3 57.8

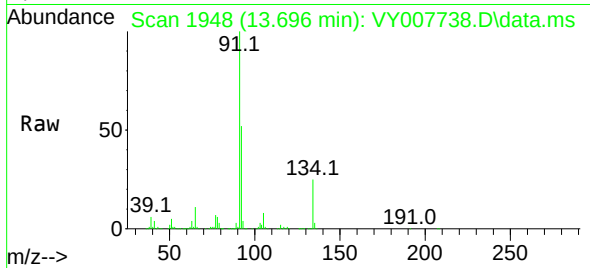
148 64.2 32.6 97.8





#89
n-Butylbenzene
Concen: 48.682 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

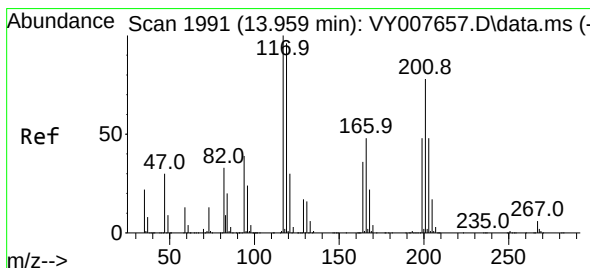
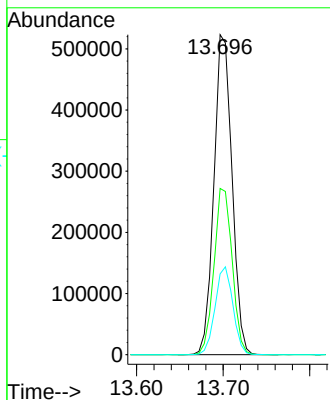
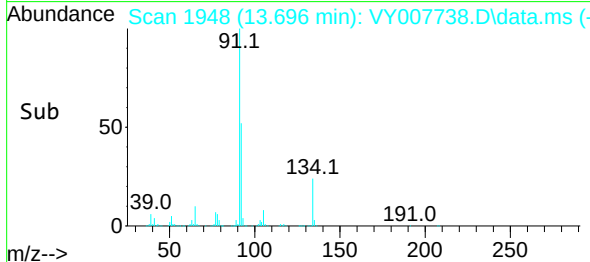
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 759920
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 27.1 13.0 38.9

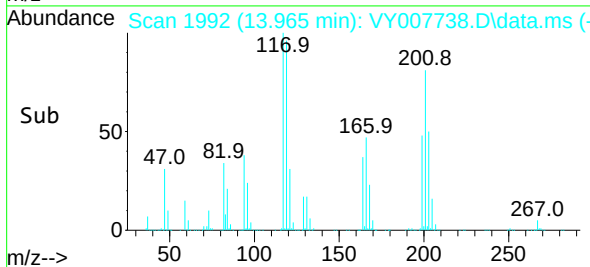
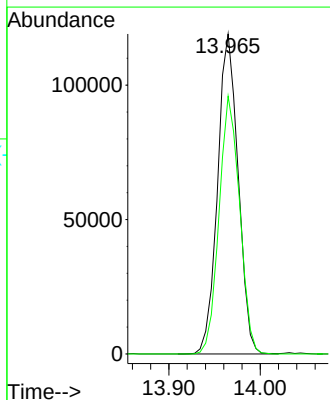
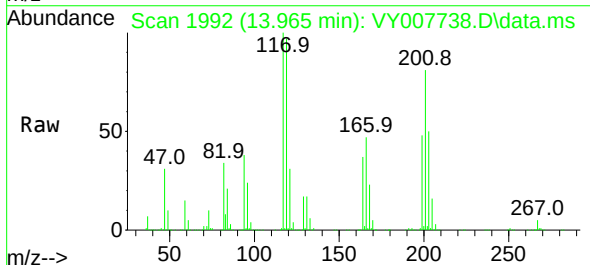
Manual Integrations
APPROVED

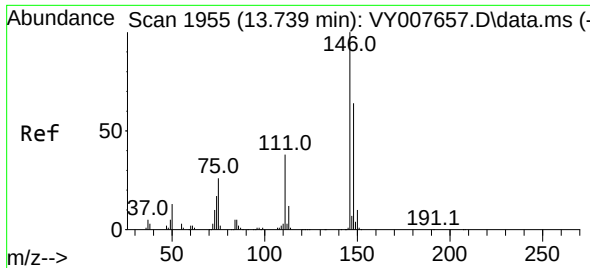
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#90
Hexachloroethane
Concen: 59.472 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

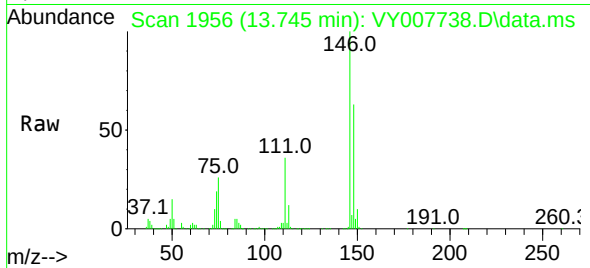
Tgt Ion:117 Resp: 186191
Ion Ratio Lower Upper
117 100
201 80.6 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 55.957 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18

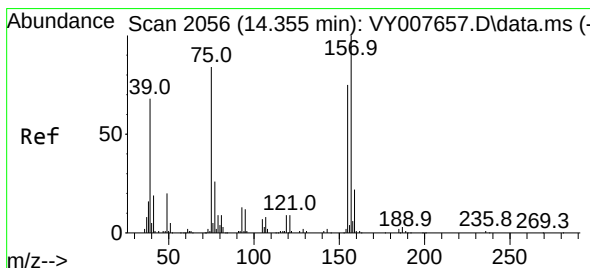
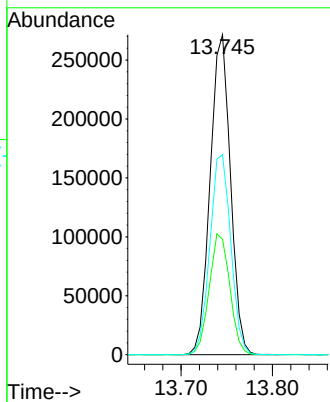
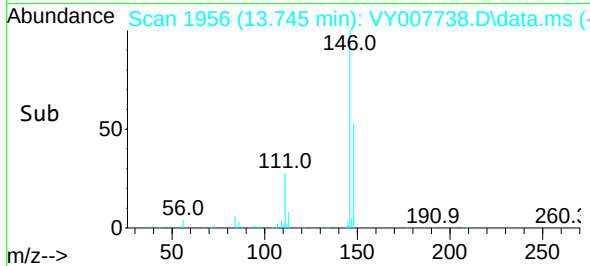
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



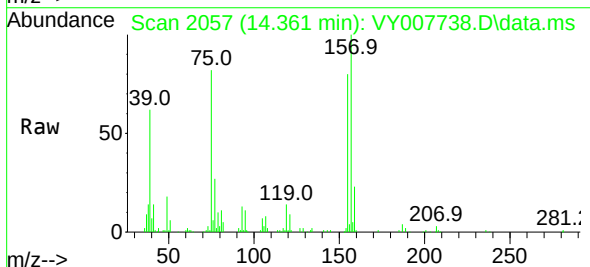
Tgt Ion:146 Resp: 418570
Ion Ratio Lower Upper
146 100
111 38.3 20.3 60.9
148 64.5 32.3 96.9

Manual Integrations
APPROVED

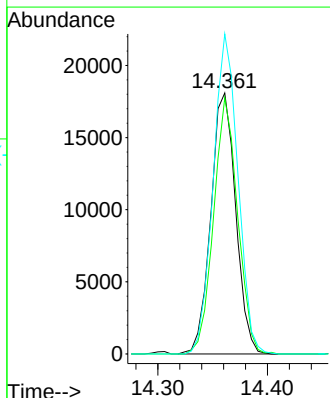
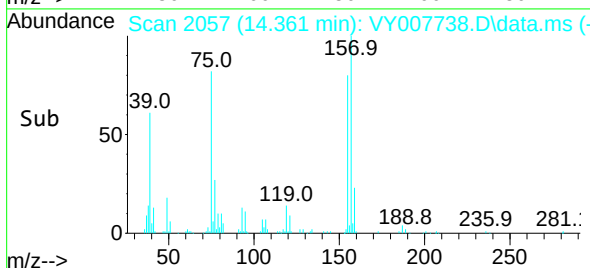
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

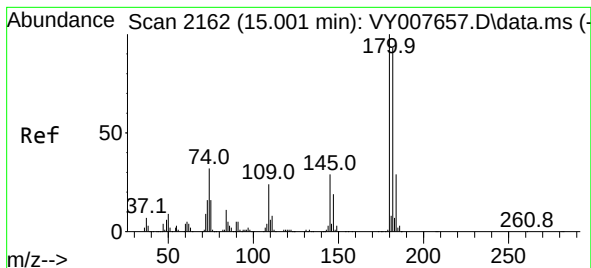


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.835 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007738.D
Acq: 04 Mar 2022 11:18



Tgt Ion: 75 Resp: 28509
Ion Ratio Lower Upper
75 100
155 94.9 38.0 113.9
157 121.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 52.413 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

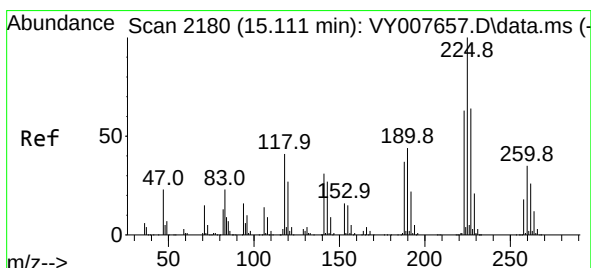
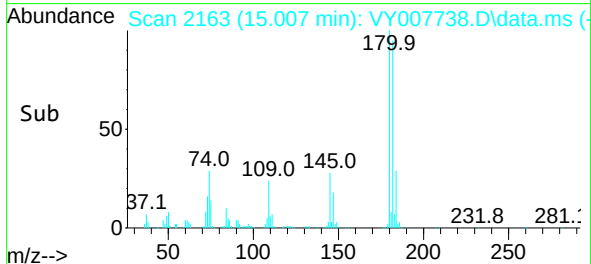
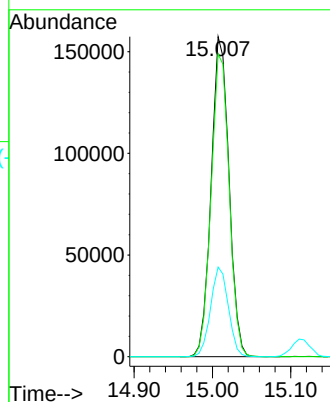
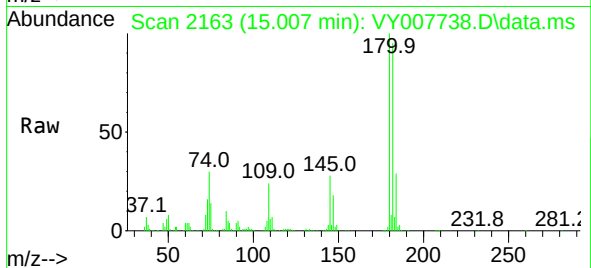
Tgt Ion:180	Resp: 248214
Ion Ratio	Lower Upper
180 100	
182 95.6	47.3 141.9
145 27.9	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#94

Hexachlorobutadiene

Concen: 53.632 ug/l

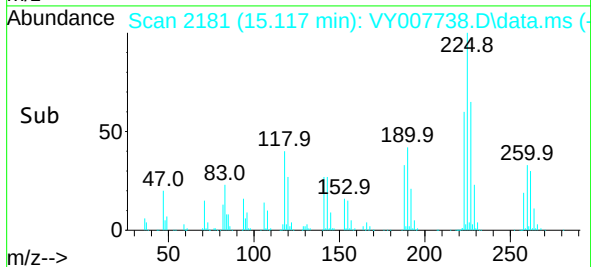
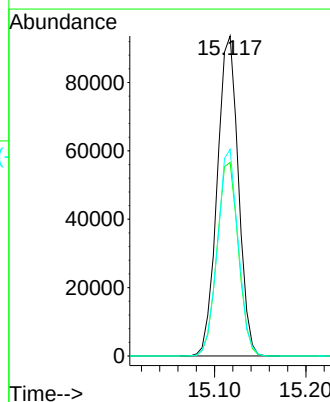
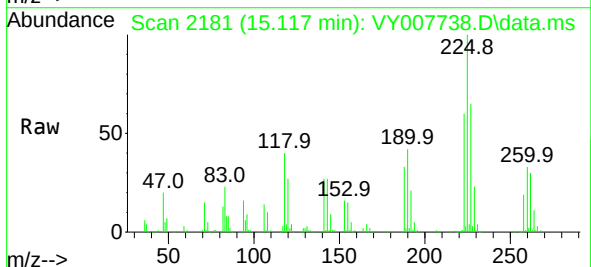
RT: 15.117 min Scan# 2181

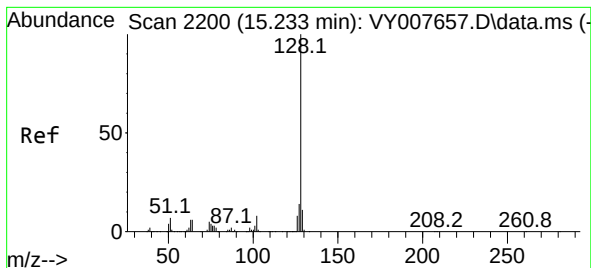
Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Tgt Ion:225	Resp: 150165
Ion Ratio	Lower Upper
225 100	
223 61.2	30.8 92.3
227 63.3	31.6 94.7





#95

Naphthalene

Concen: 52.191 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

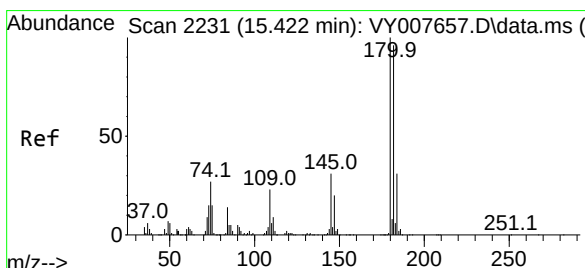
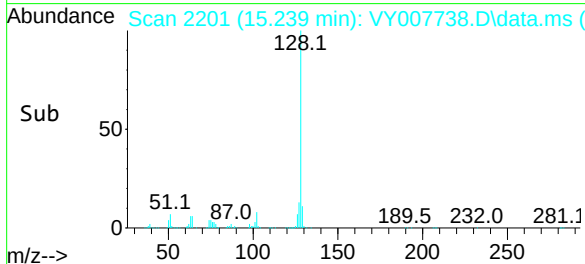
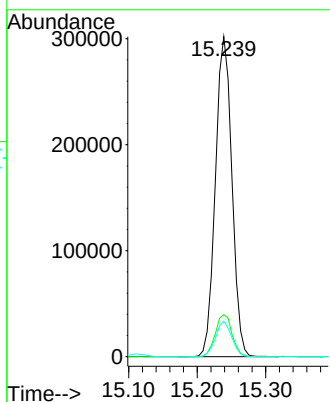
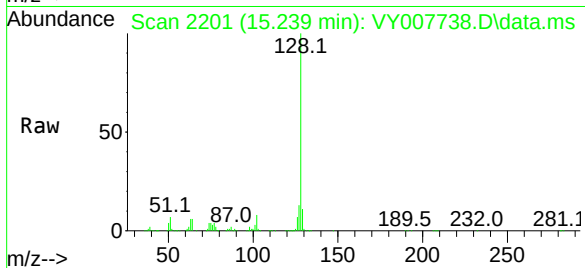
Tgt Ion:	128	Resp:	502814
Ion Ratio	Lower	Upper	
128	100		
127	13.4	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 54.609 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007738.D

Acq: 04 Mar 2022 11:18

Tgt Ion:	180	Resp:	230489
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.3	141.9
145	29.4	15.3	45.9

