

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007214.D
 Acq On : 18 Jan 2022 17:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/19/2022
 Supervised By : Mahesh Dadoda 01/19/2022

Quant Time: Jan 19 00:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73573	51.897	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.800%			
35) Dibromofluoromethane	7.722	113	65786	49.366	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.740%			
50) Toluene-d8	10.179	98	241341	49.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.483	95	86193	49.763	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	21008	51.856	ug/l	92
3) Chloromethane	2.113	50	40673	47.875	ug/l	96
4) Vinyl Chloride	2.259	62	66177	53.520	ug/l	99
5) Bromomethane	2.662	94	44410	55.466	ug/l	96
6) Chloroethane	2.802	64	42833	55.519	ug/l	96
7) Trichlorofluoromethane	3.131	101	65401	49.078	ug/l	96
8) Diethyl Ether	3.528	74	38371	52.290	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	67609	52.073	ug/l	97
10) Methyl Iodide	4.095	142	97949	51.007	ug/l	97
11) Tert butyl alcohol	4.954	59	31730	262.738	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	66822	51.111	ug/l	93
13) Acrolein	3.735	56	5584	188.252	ug/l	96
14) Allyl chloride	4.479	41	113487	54.137	ug/l	97
15) Acrylonitrile	5.161	53	92907	263.437	ug/l	96
16) Acetone	3.942	43	80047	217.567	ug/l	96
17) Carbon Disulfide	4.198	76	182324	50.218	ug/l	100
18) Methyl Acetate	4.472	43	64735	49.449	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	140431	54.561	ug/l	99
20) Methylene Chloride	4.716	84	72018	47.337	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	72447	51.114	ug/l	97
22) Diisopropyl ether	6.119	45	232952	54.853	ug/l	99
23) Vinyl Acetate	6.064	43	704000	281.879	ug/l	98
24) 1,1-Dichloroethane	6.027	63	136892	52.989	ug/l	98
25) 2-Butanone	6.984	43	123002	258.579	ug/l	98
26) 2,2-Dichloropropane	6.984	77	97572	51.824	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	82524	51.327	ug/l	95
28) Bromochloromethane	7.332	49	55852	59.768	ug/l	93
29) Tetrahydrofuran	7.350	42	83166	271.979	ug/l	95
30) Chloroform	7.509	83	142471	53.077	ug/l	99
31) Cyclohexane	7.789	56	118963	49.635	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	122375	53.339	ug/l	97
36) 1,1-Dichloropropene	7.917	75	109812	51.595	ug/l	99
37) Ethyl Acetate	7.076	43	58011	53.111	ug/l	97
38) Carbon Tetrachloride	7.905	117	113181	50.557	ug/l	97
39) Methylcyclohexane	9.185	83	132078	50.826	ug/l	99
40) Benzene	8.161	78	291779	51.394	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	29534m	46.954	ug/l	
42) 1,2-Dichloroethane	8.240	62	95863	53.621	ug/l	97
43) Isopropyl Acetate	8.277	43	114570	53.907	ug/l	96
44) Trichloroethene	8.941	130	76663	49.901	ug/l	95
45) 1,2-Dichloropropane	9.216	63	74230	51.415	ug/l	94
46) Dibromomethane	9.307	93	44113	51.670	ug/l	97
47) Bromodichloromethane	9.496	83	110916	52.847	ug/l	99
48) Methyl methacrylate	9.295	41	50522	52.263	ug/l	95
49) 1,4-Dioxane	9.307	88	10446	1134.781	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	289638	268.772	ug/l	95
52) Toluene	10.246	92	187028	51.972	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	116566	52.612	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	128527	51.824	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	58271	50.319	ug/l	98
56) Ethyl methacrylate	10.508	69	86347	52.927	ug/l	94
57) 1,3-Dichloropropane	10.788	76	105706	52.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	176164	237.471	ug/l	98
59) 2-Hexanone	10.831	43	188994	258.419	ug/l	95
60) Dibromochloromethane	10.983	129	74111	52.060	ug/l	99
61) 1,2-Dibromoethane	11.087	107	58916	51.787	ug/l	98
64) Tetrachloroethene	10.721	164	61970	49.222	ug/l	98
65) Chlorobenzene	11.520	112	193390	50.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	72796	51.419	ug/l	99
67) Ethyl Benzene	11.593	91	367780	51.236	ug/l	100
68) m/p-Xylenes	11.703	106	270916	101.561	ug/l	99
69) o-Xylene	12.032	106	128693	51.230	ug/l	99
70) Styrene	12.044	104	218299	51.512	ug/l	98
71) Bromoform	12.209	173	41782	51.022	ug/l #	100
73) Isopropylbenzene	12.331	105	344847	50.967	ug/l	99
74) N-amyl acetate	12.142	43	98043	54.188	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	68571	52.118	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	45853m	51.332	ug/l	
77) Bromobenzene	12.611	156	74292	50.461	ug/l	96
78) n-propylbenzene	12.672	91	429020	51.149	ug/l	99
79) 2-Chlorotoluene	12.758	91	239394	51.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	284737	51.253	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	24912	51.057	ug/l #	95
82) 4-Chlorotoluene	12.855	91	251029	51.602	ug/l	99
83) tert-Butylbenzene	13.075	119	243792	50.786	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	281653	51.147	ug/l	99
85) sec-Butylbenzene	13.257	105	366691	51.060	ug/l	100
86) p-Isopropyltoluene	13.373	119	300995	51.001	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	146016	50.670	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	144582	49.896	ug/l	100
89) n-Butylbenzene	13.696	91	293799	50.559	ug/l	100
90) Hexachloroethane	13.965	117	59726	51.765	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	126865	49.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10678	46.990	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73266	46.989	ug/l	99
94) Hexachlorobutadiene	15.111	225	38359	47.735	ug/l	98
95) Naphthalene	15.239	128	154766	46.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	61729	46.405	ug/l	99

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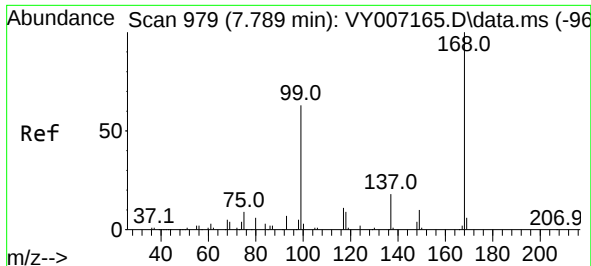
Manual Integrations
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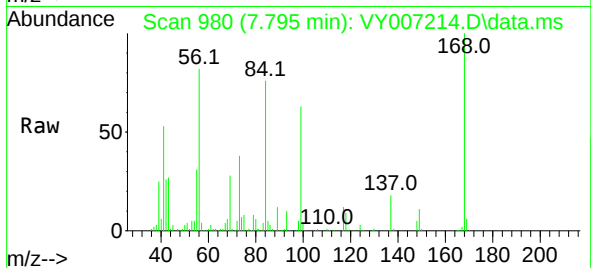
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.006 min
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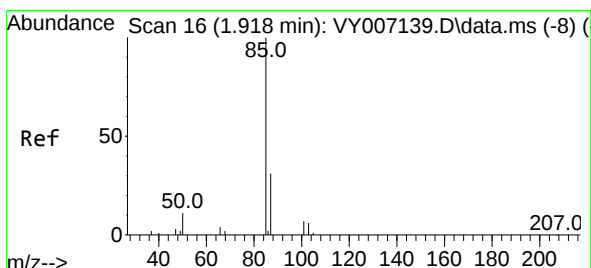
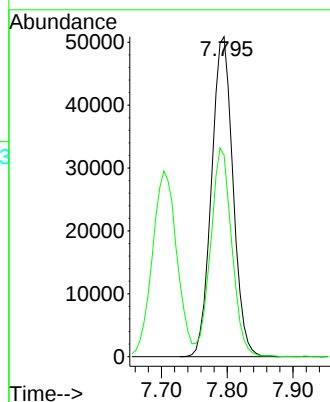
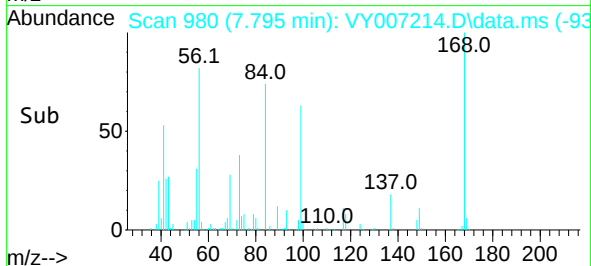
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 115538
Ion Ratio Lower Upper
168 100
99 63.1 49.1 73.7

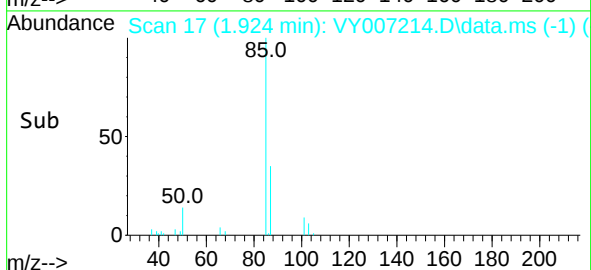
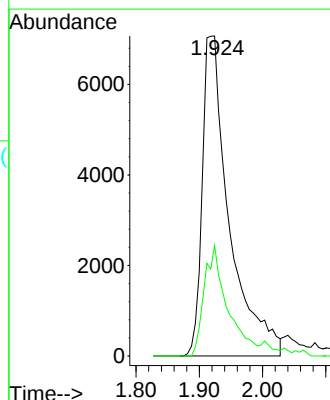
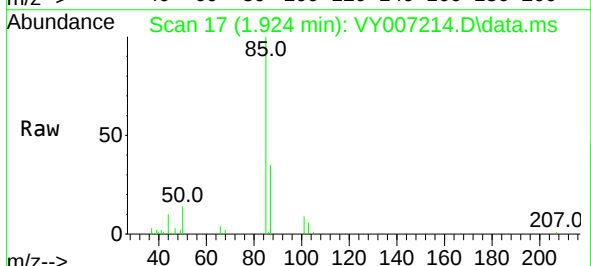
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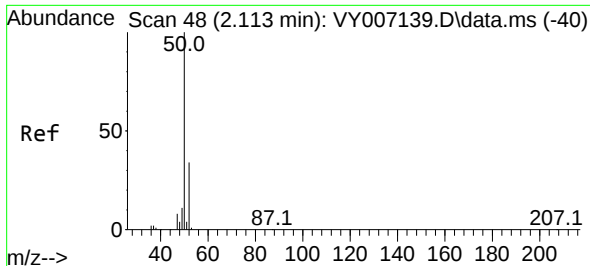
Reviewed By :John Carlone 01/19/2022
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#2
Dichlorodifluoromethane
Concen: 51.856 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.007 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

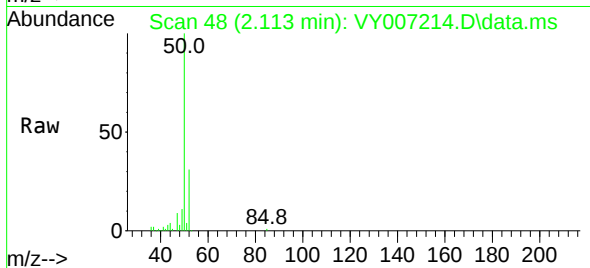
Tgt Ion: 85 Resp: 21008
Ion Ratio Lower Upper
85 100
87 34.5 15.2 45.6





#3
Chloromethane
Concen: 47.875 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

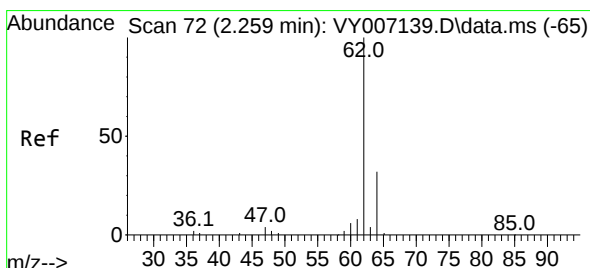
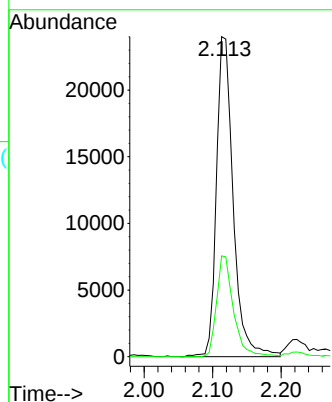
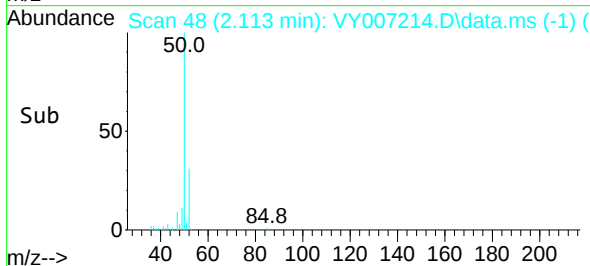
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Tgt Ion: 50 Resp: 4067
Ion Ratio Lower Upper
50 100
52 31.5 27.1 40.7

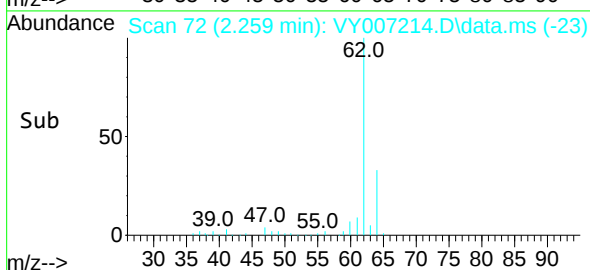
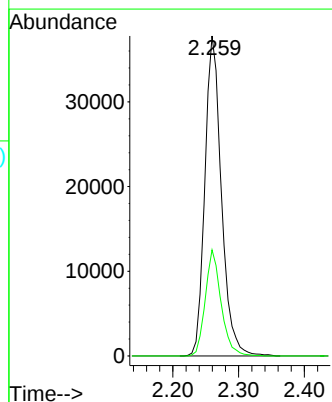
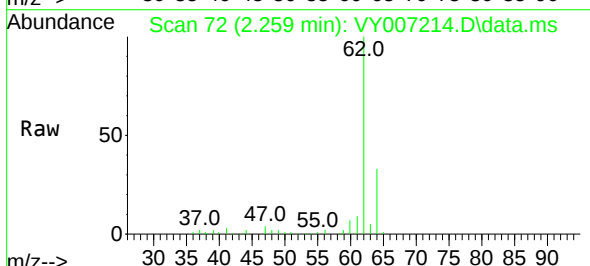
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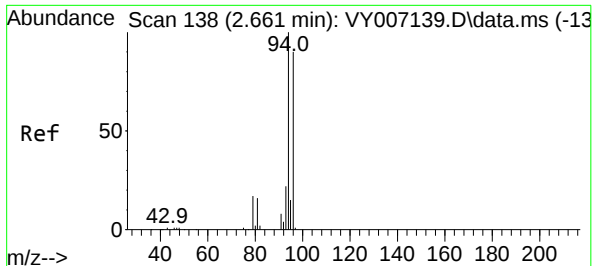
Reviewed By :John Carlone 01/19/2022
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#4
Vinyl Chloride
Concen: 53.520 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

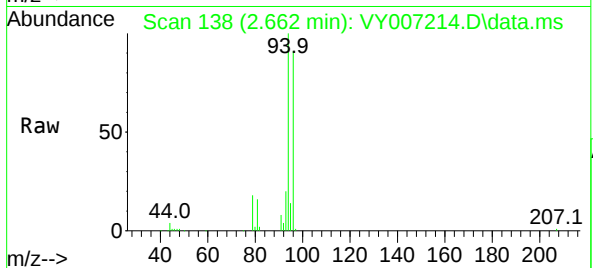
Tgt Ion: 62 Resp: 66177
Ion Ratio Lower Upper
62 100
64 33.2 26.1 39.1





#5
Bromomethane
Concen: 55.466 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007214.D
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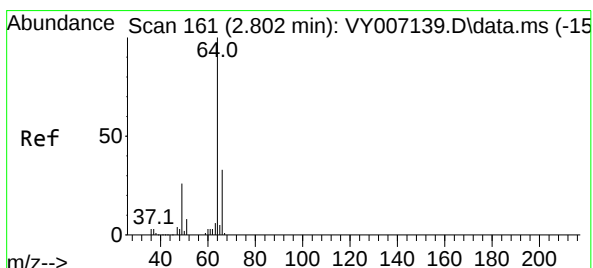
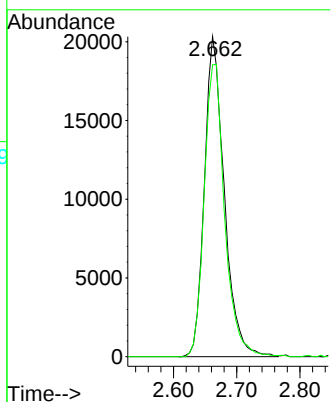
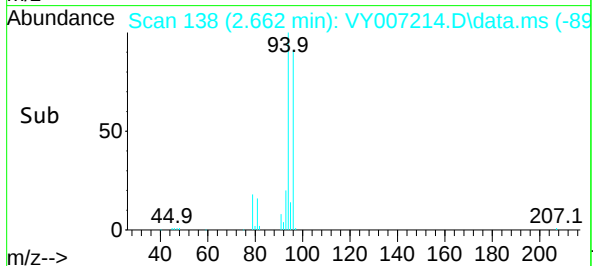
Instrument :
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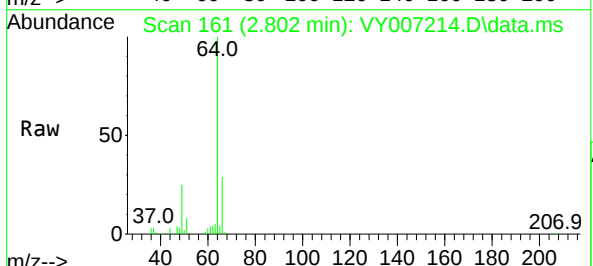
Tgt Ion: 94 Resp: 44410
Ion Ratio Lower Upper
94 100
96 91.2 75.8 113.6

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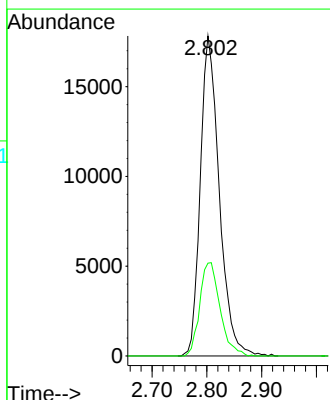
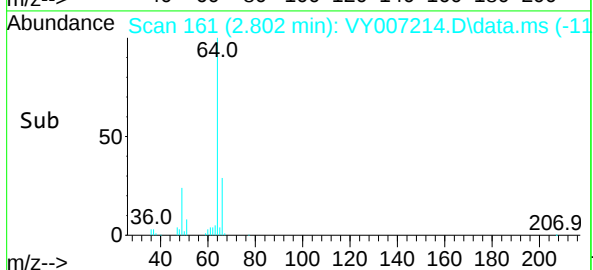
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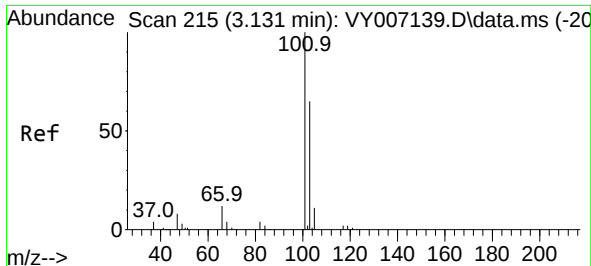


#6
Chloroethane
Concen: 55.519 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
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Acq: 18 Jan 2022 17:47



Tgt Ion: 64 Resp: 42833
Ion Ratio Lower Upper
64 100
66 29.0 24.8 37.2





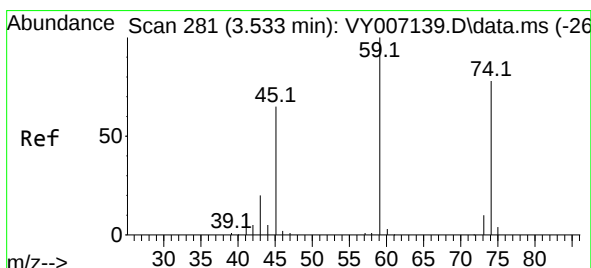
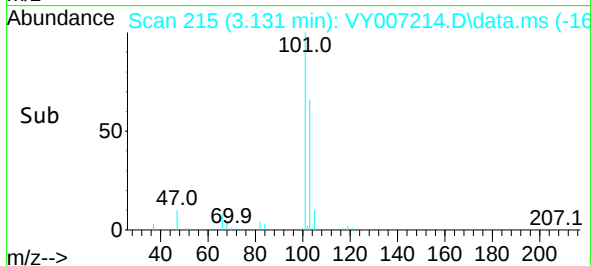
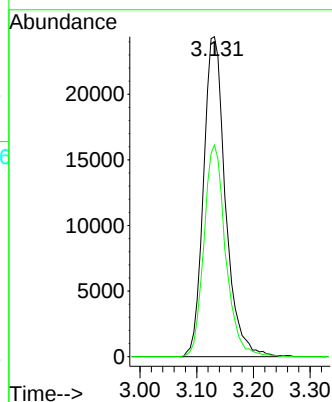
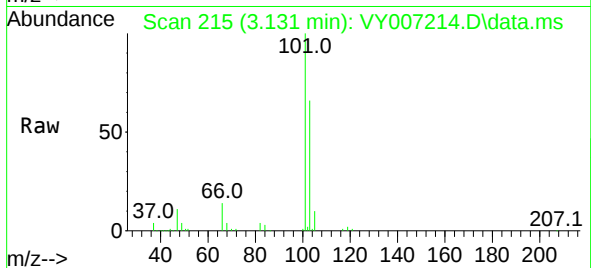
#7
 Trichlorofluoromethane
 Concen: 49.078 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47

Instrument :
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Tgt Ion:101 Resp: 6540
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.6 76.0

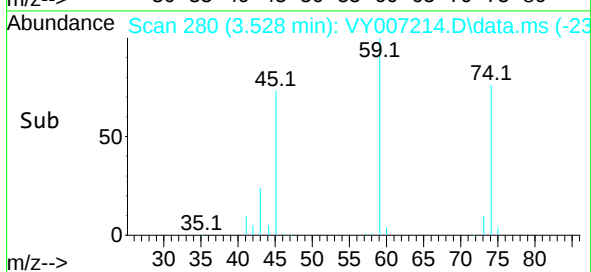
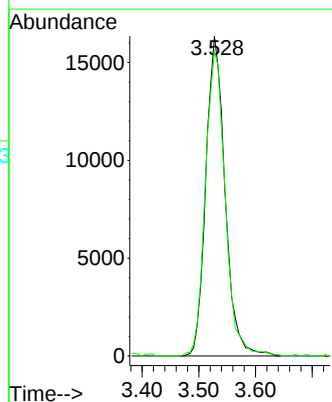
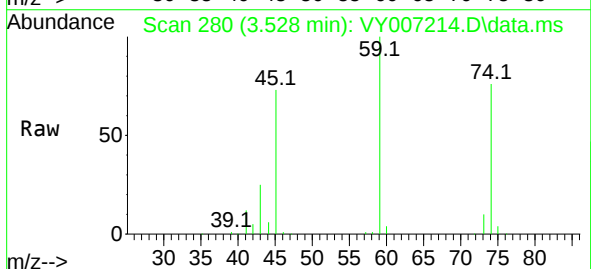
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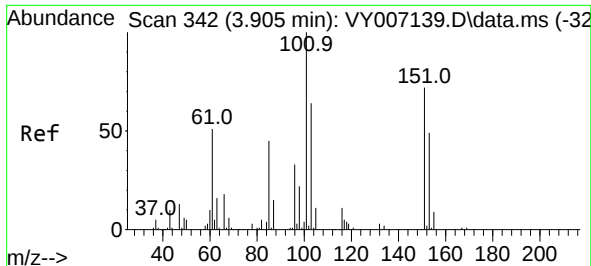
Reviewed By :John Carlone 01/19/2022
 Supervised By :Mahesh Dadoda 01/19/2022



#8
 Diethyl Ether
 Concen: 52.290 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47

Tgt Ion: 74 Resp: 38371
 Ion Ratio Lower Upper
 74 100
 45 99.1 46.1 138.3





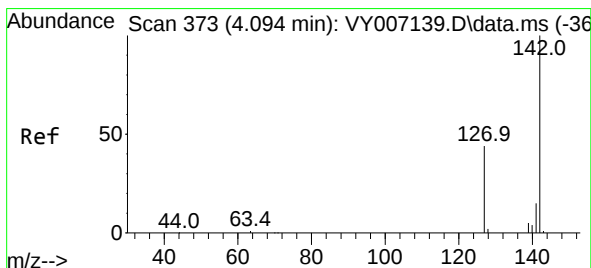
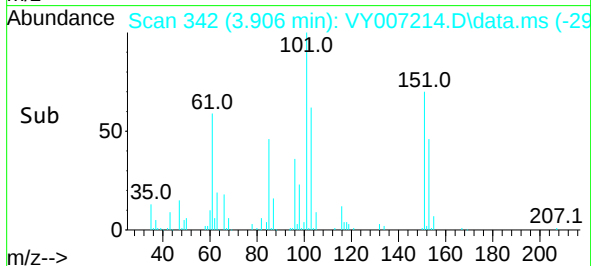
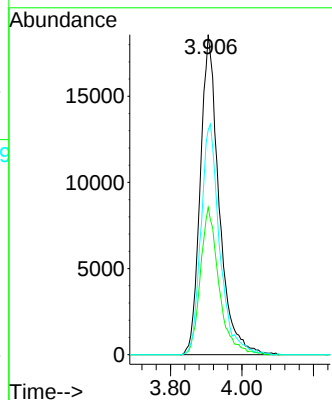
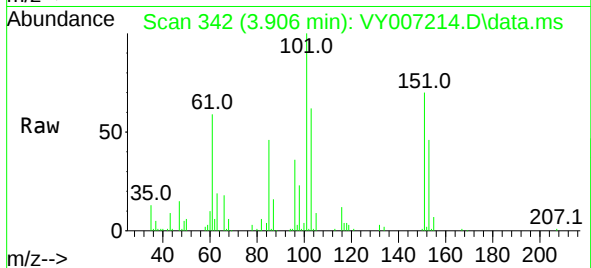
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.073 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 67609
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.0
151 72.3 60.4 90.6

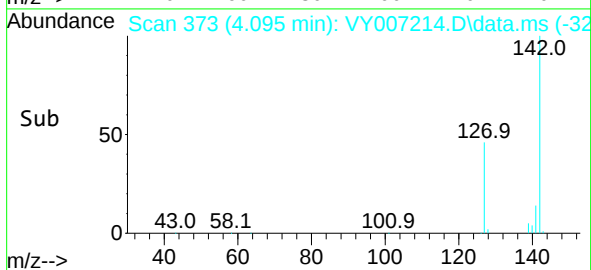
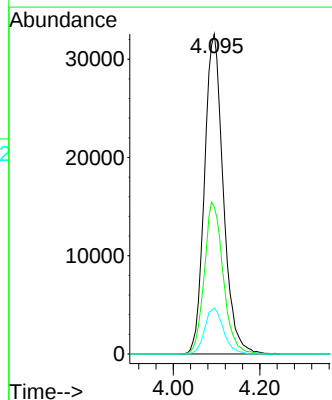
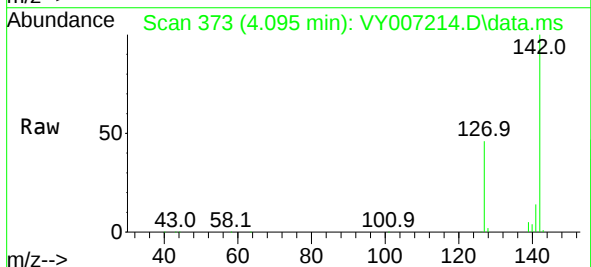
Manual Integrations
APPROVED

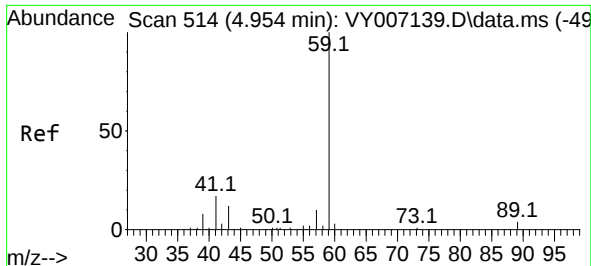
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#10
Methyl Iodide
Concen: 51.007 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

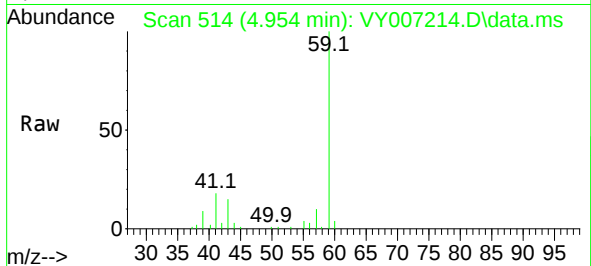
Tgt Ion:142 Resp: 97949
Ion Ratio Lower Upper
142 100
127 47.6 36.2 54.4
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 262.738 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

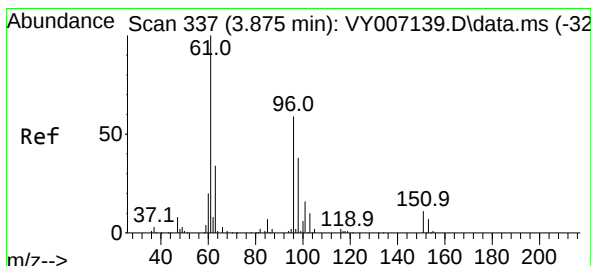
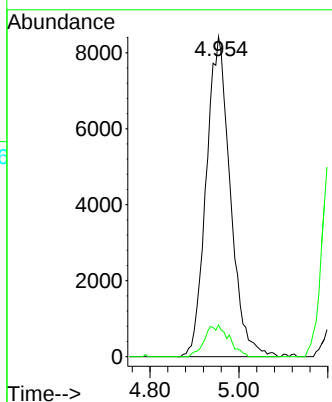
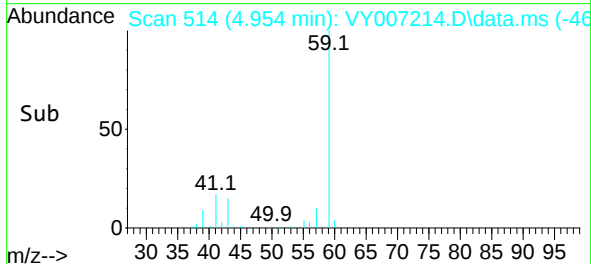
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



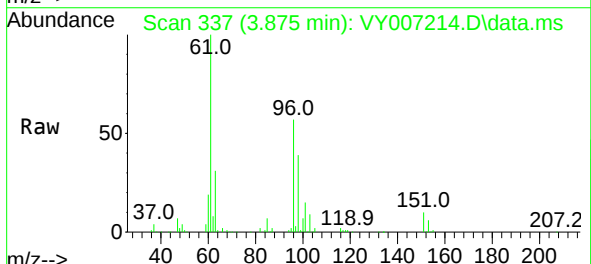
Tgt Ion: 59 Resp: 31730
Ion Ratio Lower Upper
59 100
57 4.9 8.1 12.1

Manual Integrations
APPROVED

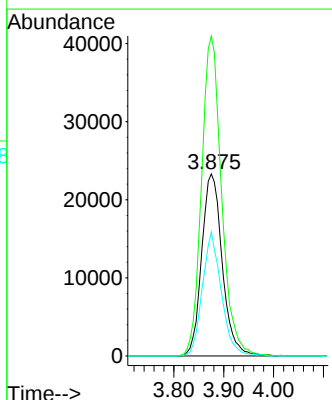
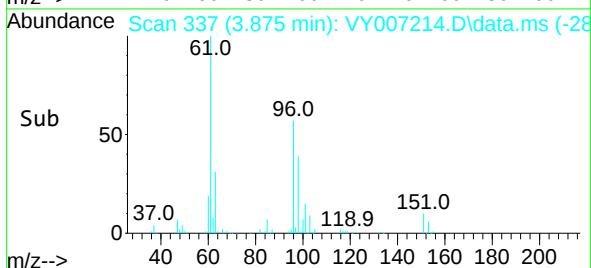
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

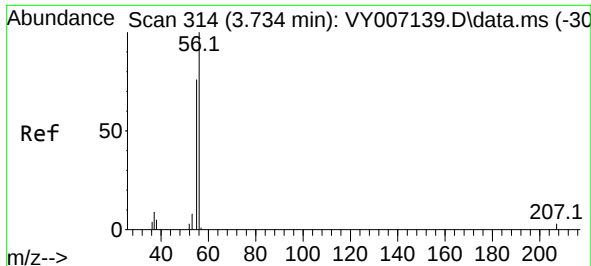


#12
1,1-Dichloroethene
Concen: 51.111 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



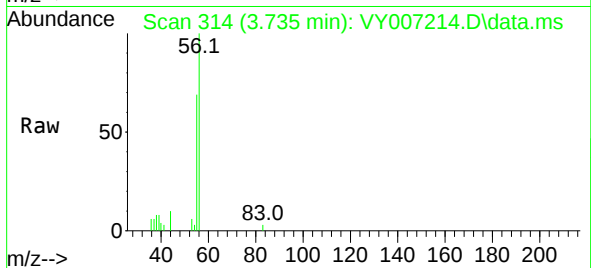
Tgt Ion: 96 Resp: 66822
Ion Ratio Lower Upper
96 100
61 175.8 131.9 197.9
98 68.0 52.7 79.1





#13
Acrolein
Concen: 188.252 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

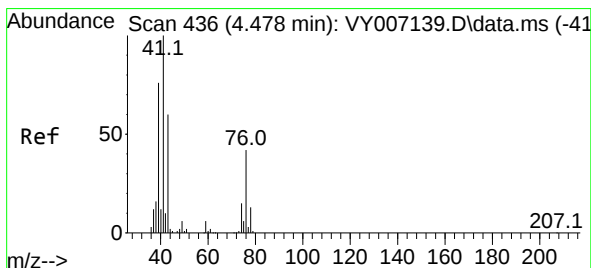
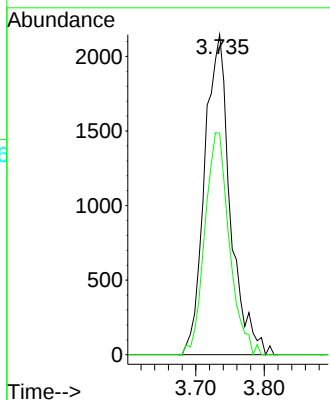
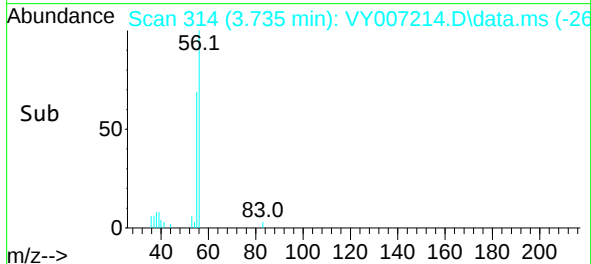
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



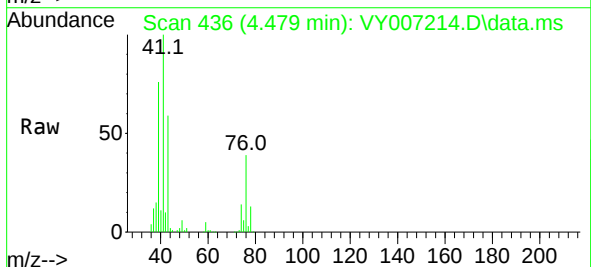
Tgt Ion: 56 Resp: 5584
Ion Ratio Lower Upper
56 100
55 66.3 55.7 83.5

Manual Integrations
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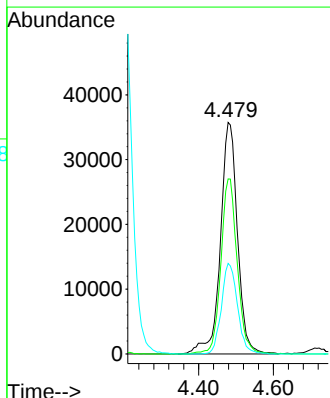
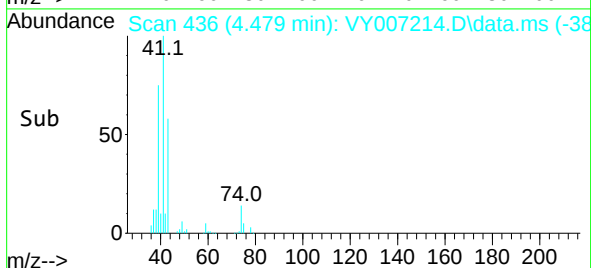
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

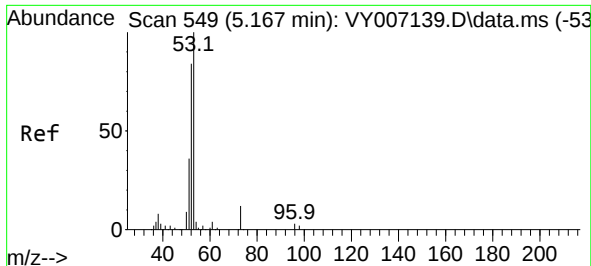


#14
Allyl chloride
Concen: 54.137 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



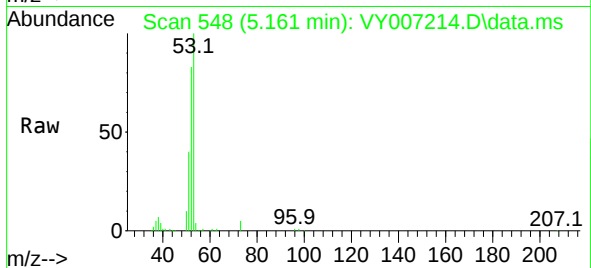
Tgt Ion: 41 Resp: 113487
Ion Ratio Lower Upper
41 100
39 72.4 56.1 84.1
76 36.8 31.4 47.2





#15
Acrylonitrile
Concen: 263.437 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

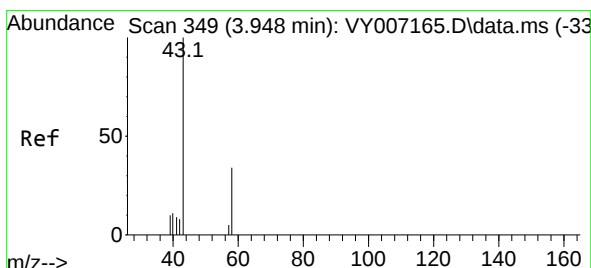
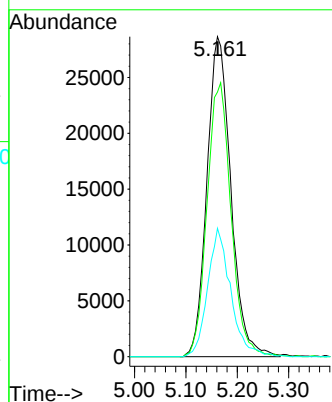
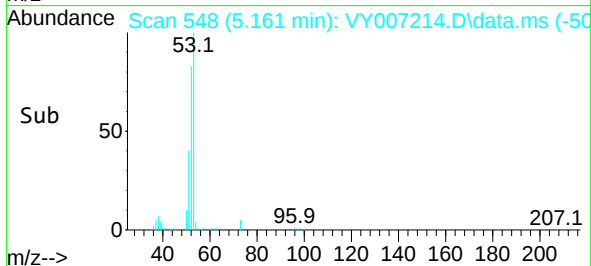
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



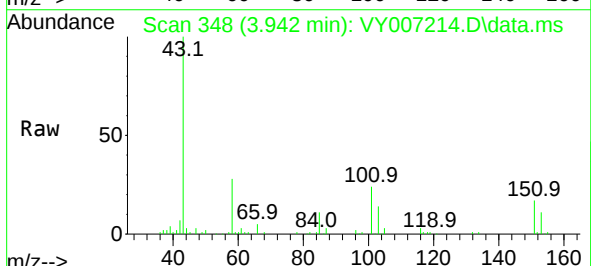
Tgt Ion: 53 Resp: 92907
Ion Ratio Lower Upper
53 100
52 85.9 65.4 98.2
51 38.7 29.4 44.2

Manual Integrations
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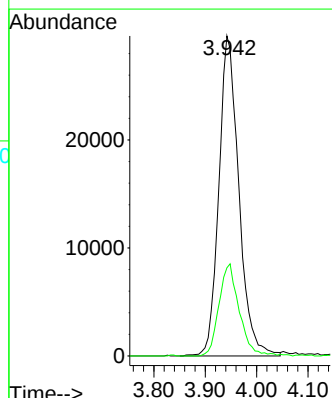
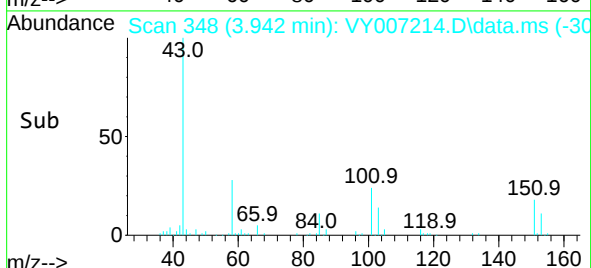
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#16
Acetone
Concen: 217.567 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



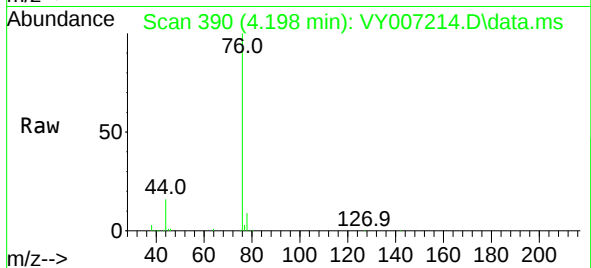
Tgt Ion: 43 Resp: 80047
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6





#17
Carbon Disulfide
Concen: 50.218 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

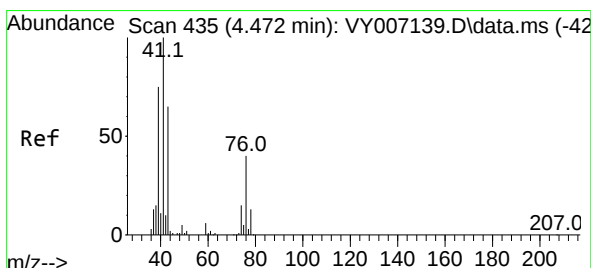
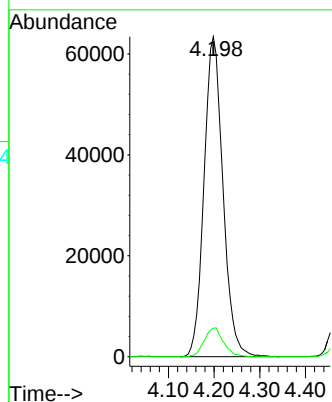
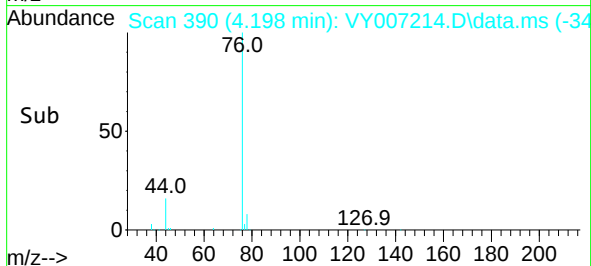
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 182324
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

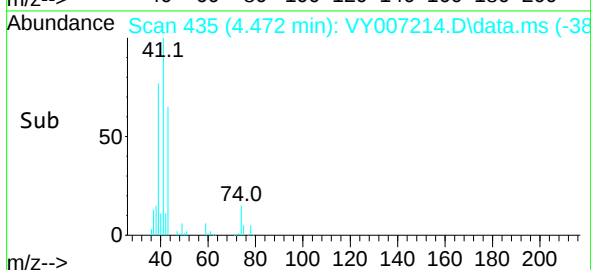
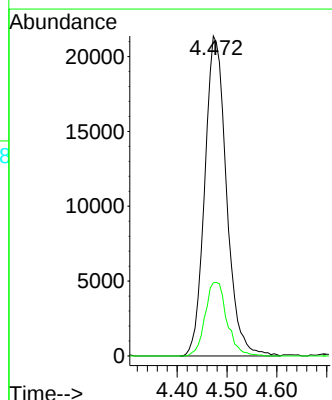
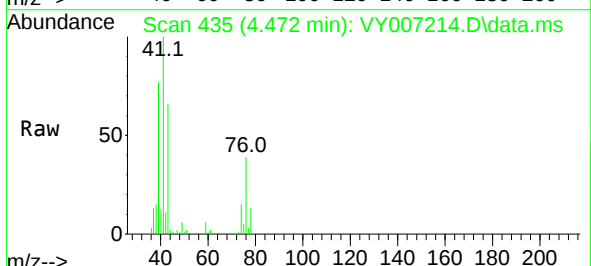
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#18
Methyl Acetate
Concen: 49.449 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

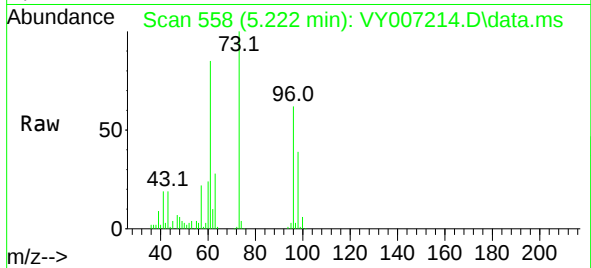
Tgt Ion: 43 Resp: 64735
Ion Ratio Lower Upper
43 100
74 23.0 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 54.561 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

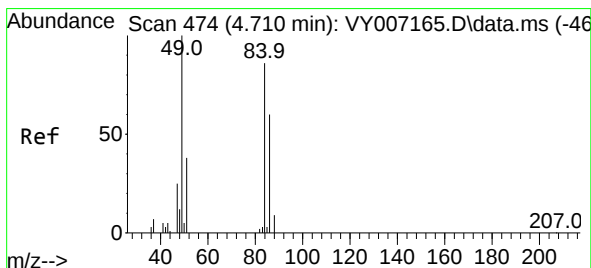
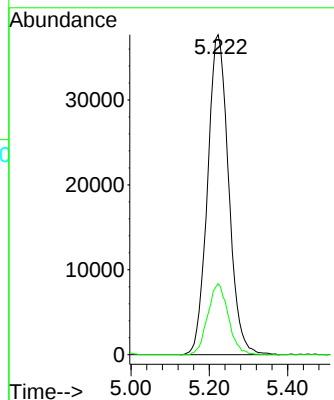
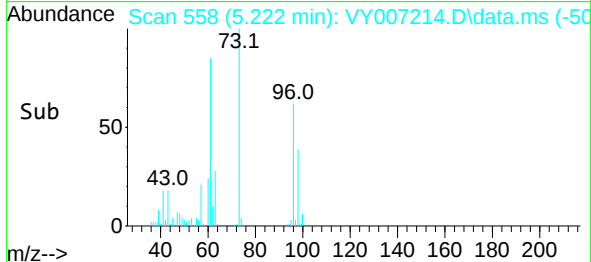
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 14043
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

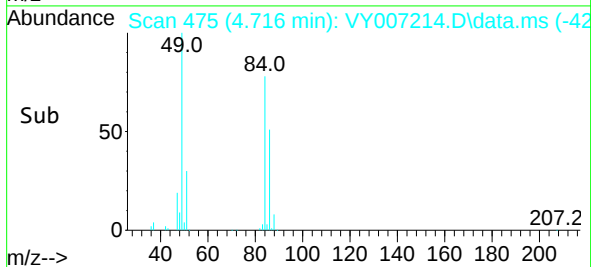
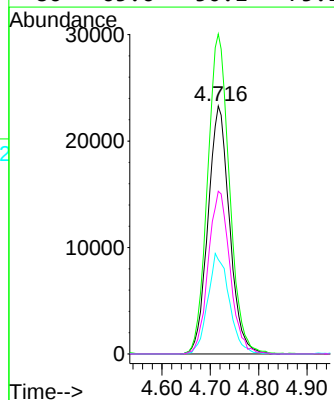
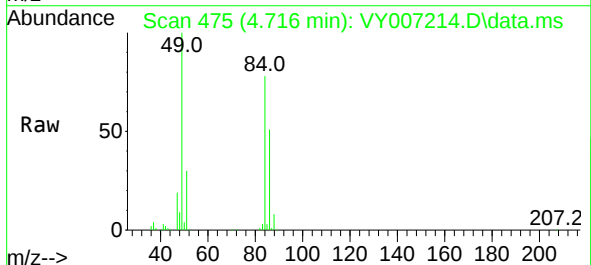
Manual Integrations
APPROVED

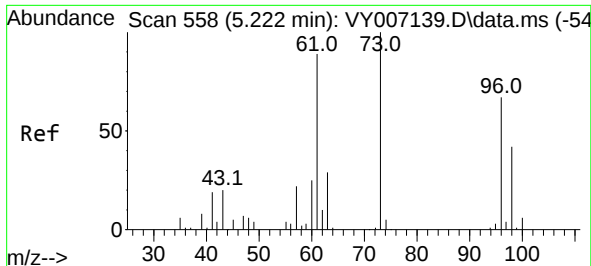
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#20
Methylene Chloride
Concen: 47.337 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

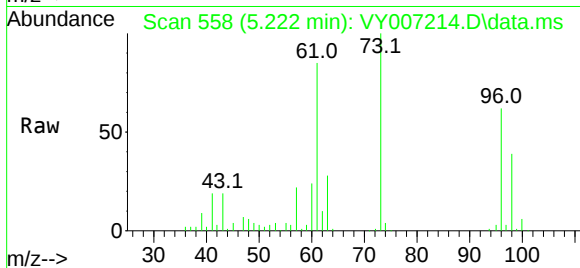
Tgt Ion: 84 Resp: 72018
Ion Ratio Lower Upper
84 100
49 129.0 92.6 139.0
51 38.1 28.6 42.8
86 65.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 51.114 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

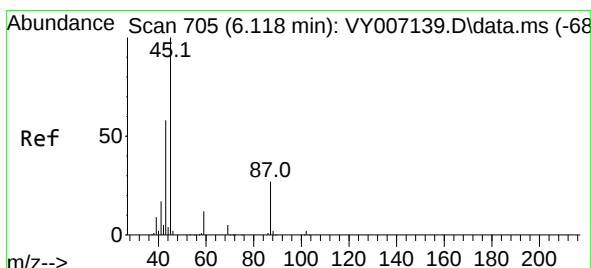
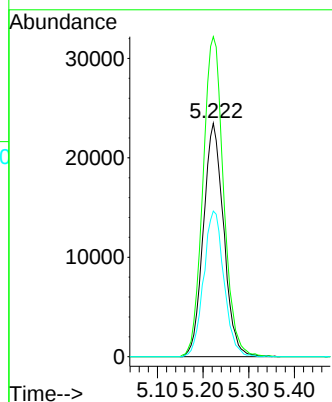
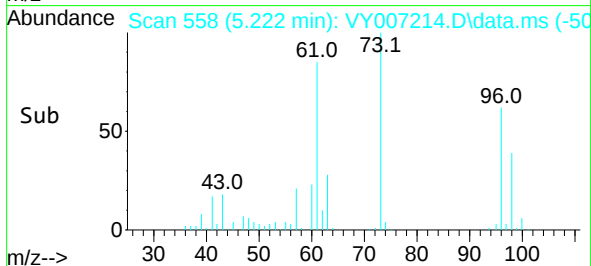
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7244
Ion Ratio Lower Upper
96 100
61 137.1 107.3 160.9
98 62.3 52.4 78.6

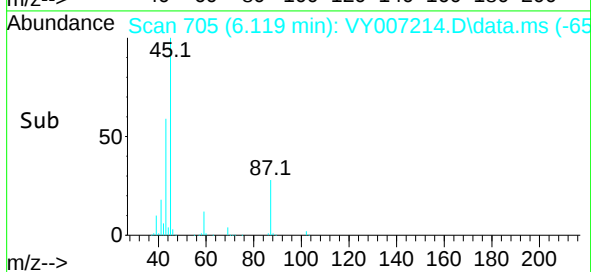
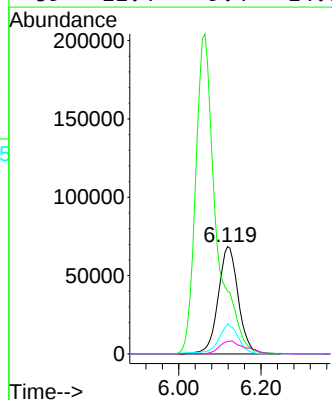
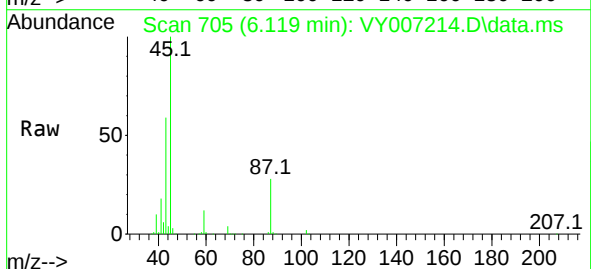
Manual Integrations
APPROVED

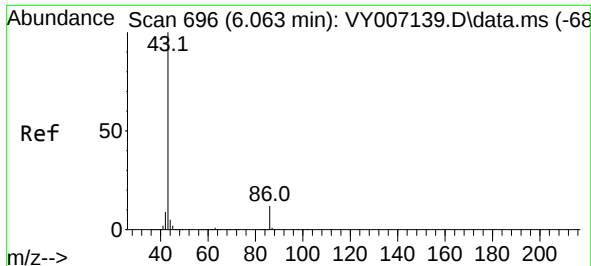
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#22
Diisopropyl ether
Concen: 54.853 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

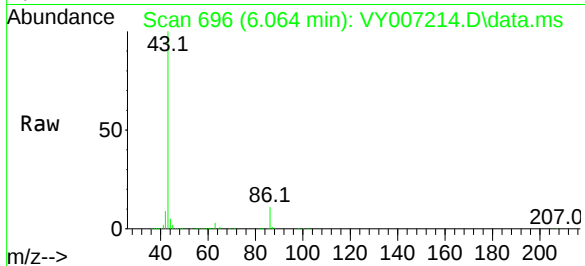
Tgt Ion: 45 Resp: 232952
Ion Ratio Lower Upper
45 100
43 58.1 45.6 68.4
87 28.1 22.2 33.2
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 281.879 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47

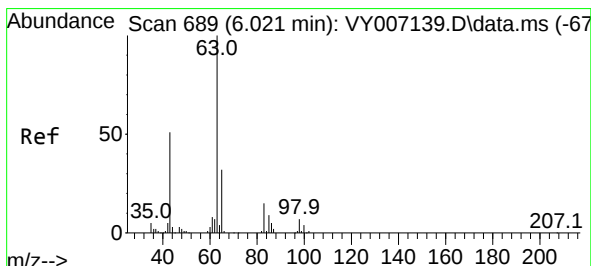
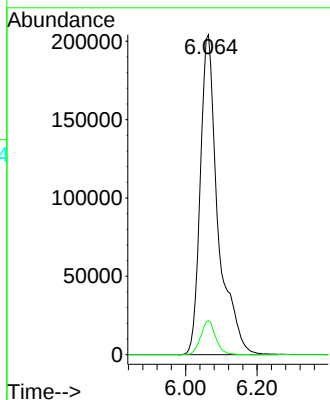
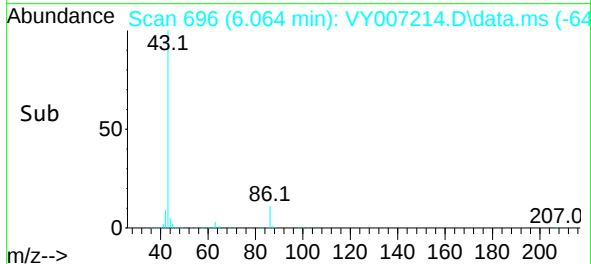
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



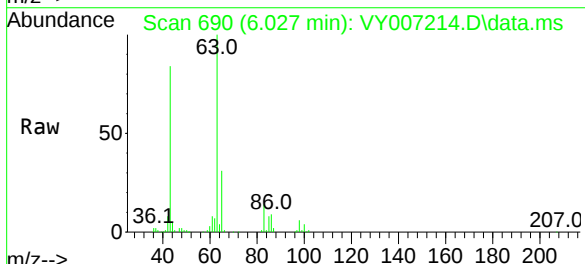
Tgt Ion: 43 Resp: 704000
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.6

Manual Integrations
 APPROVED

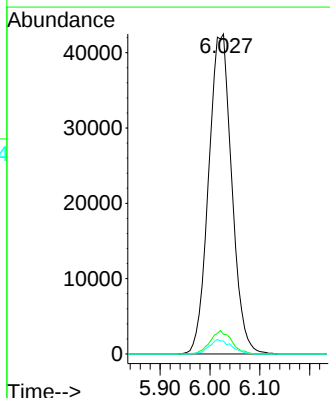
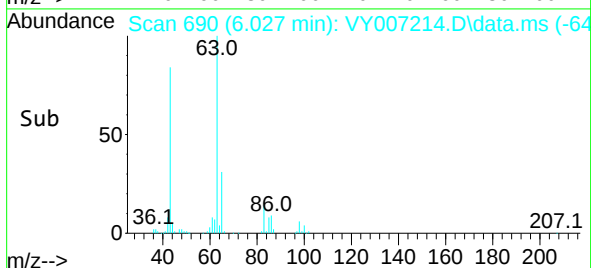
Reviewed By :John Carlone 01/19/2022
 Supervised By :Mahesh Dadoda 01/19/2022



#24
 1,1-Dichloroethane
 Concen: 52.989 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47



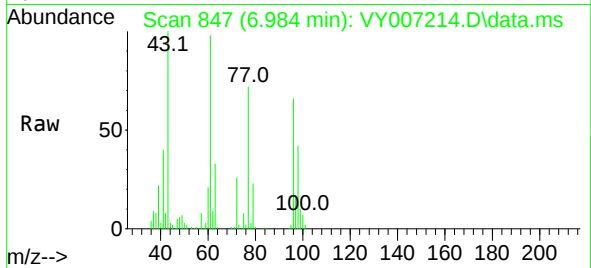
Tgt Ion: 63 Resp: 136892
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.1 2.1 6.2





#25
2-Butanone
Concen: 258.579 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

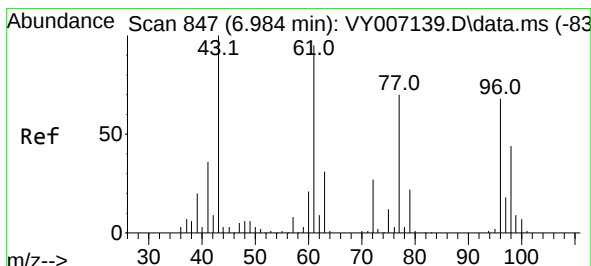
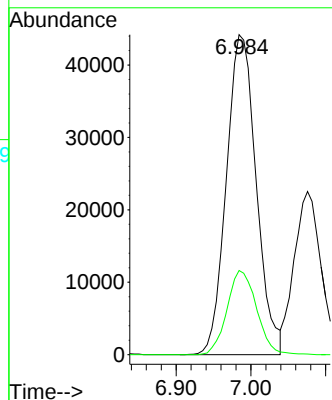
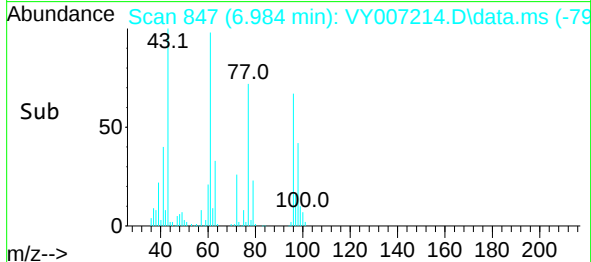
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



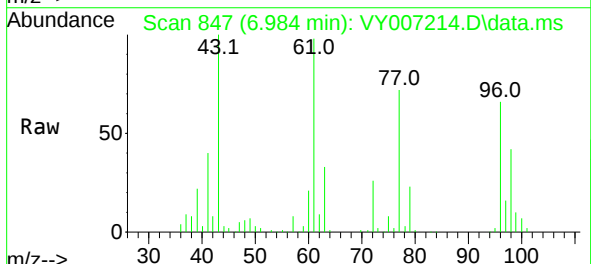
Tgt Ion: 43 Resp: 123002
Ion Ratio Lower Upper
43 100
72 26.3 21.9 32.9

Manual Integrations
APPROVED

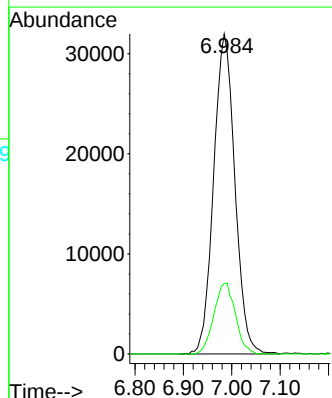
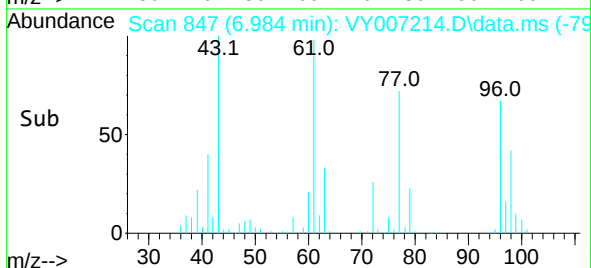
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#26
2,2-Dichloropropane
Concen: 51.824 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 77 Resp: 97572
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.327 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.007 min

Lab File: VY007214.D

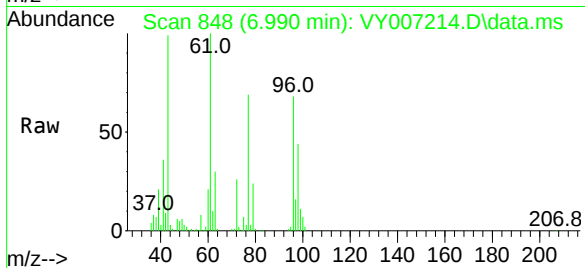
Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



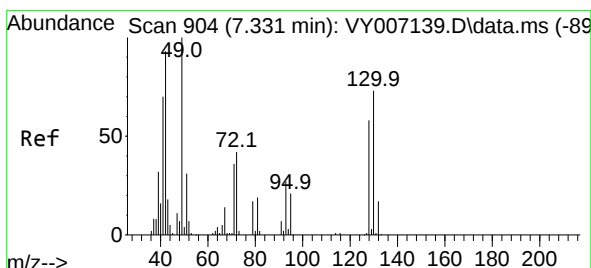
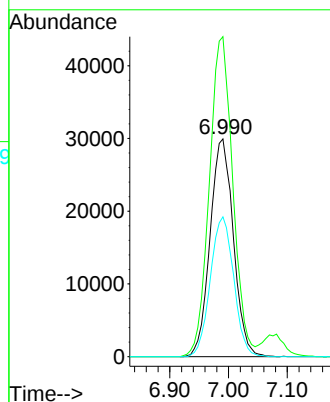
Tgt Ion: 96	Resp: 82524
Ion Ratio	Lower Upper
96 100	
61 147.7	0.0 276.8
98 64.3	0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#28

Bromochloromethane

Concen: 59.768 ug/l

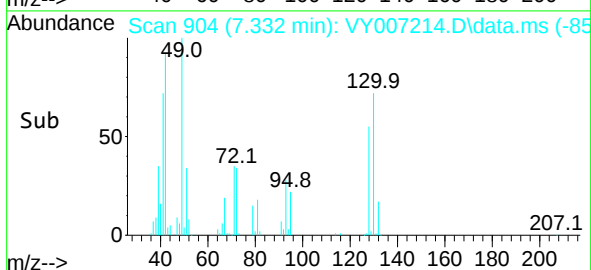
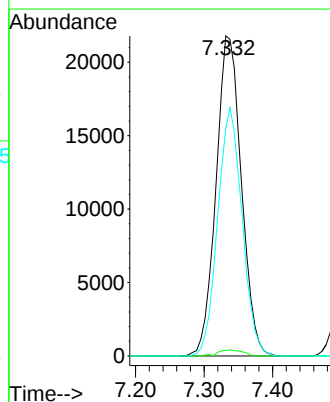
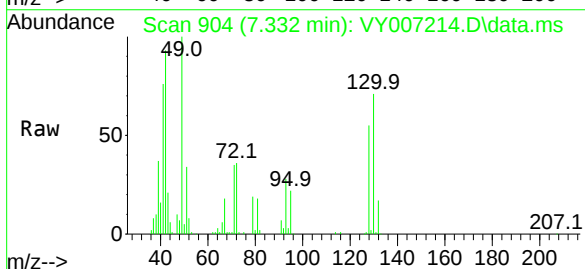
RT: 7.332 min Scan# 904

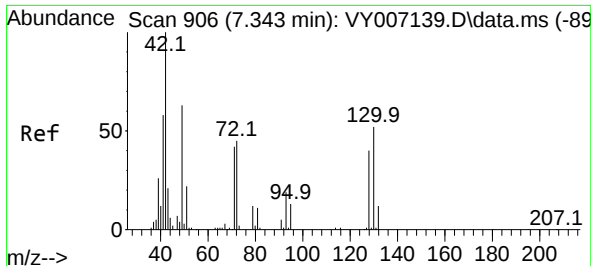
Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Tgt Ion: 49	Resp: 55852
Ion Ratio	Lower Upper
49 100	
129 1.8	0.0 4.6
130 74.7	65.0 97.4





#29

Tetrahydrofuran

Concen: 271.979 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY007214.D

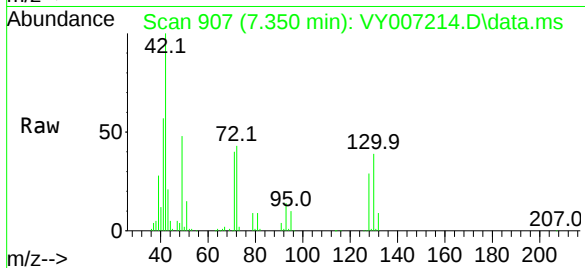
Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



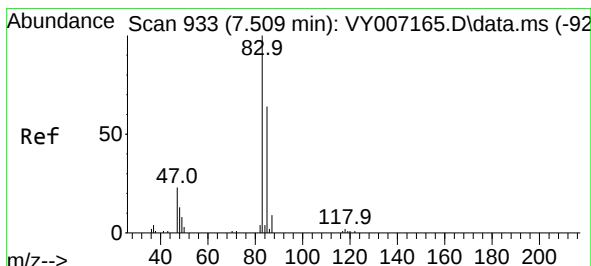
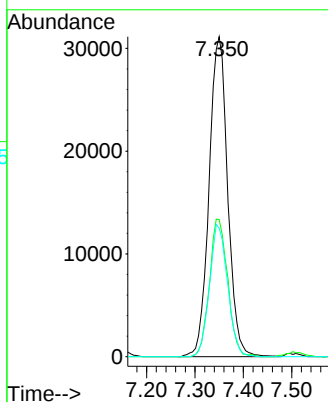
Tgt Ion:	42	Resp:	83160
Ion Ratio	Lower	Upper	
42	100		
72	42.3	36.6	54.8
71	40.1	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#30

Chloroform

Concen: 53.077 ug/l

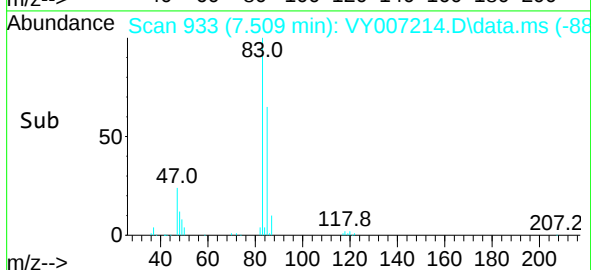
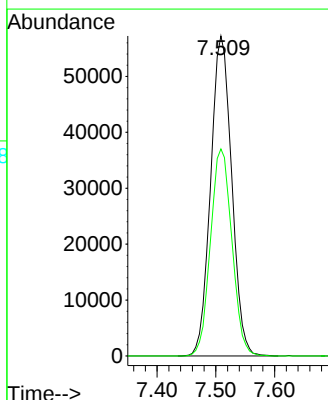
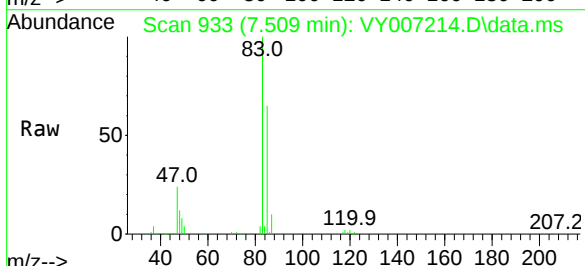
RT: 7.509 min Scan# 933

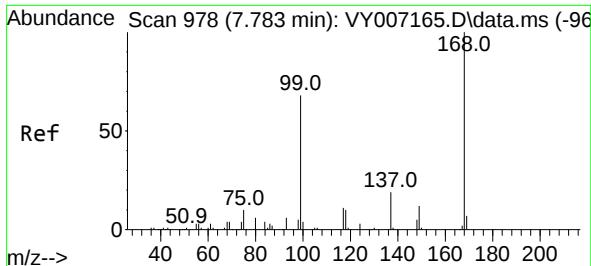
Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

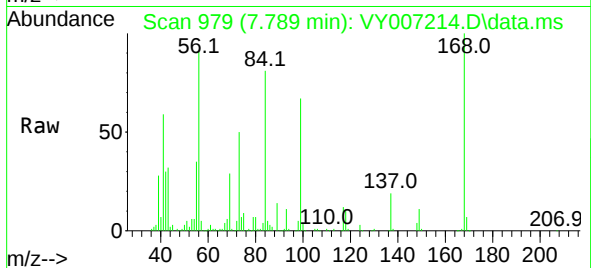
Tgt Ion:	83	Resp:	142471
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3





#31
Cyclohexane
Concen: 49.635 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

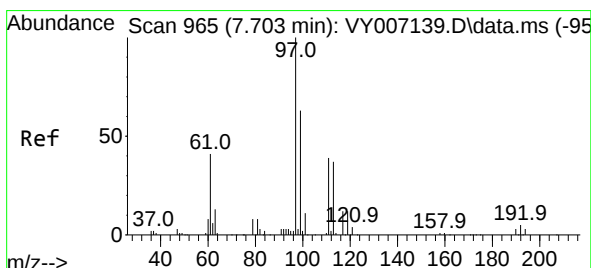
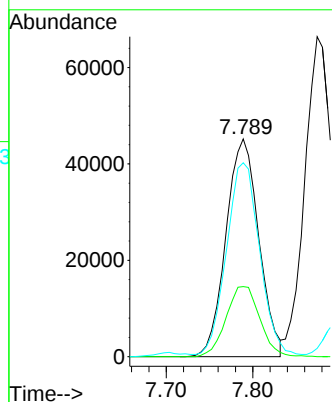
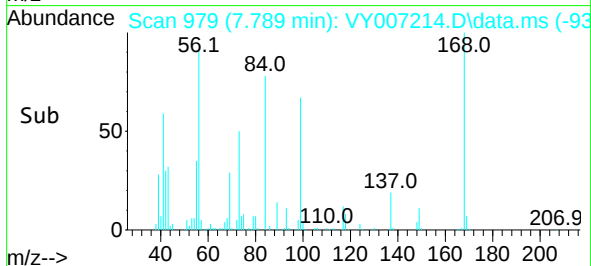
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



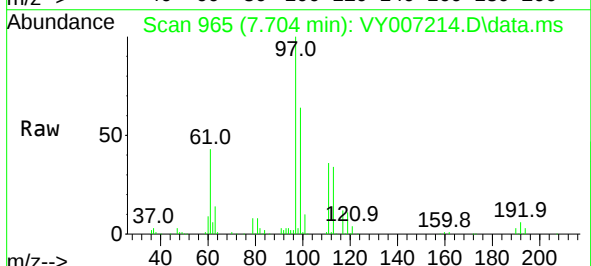
Tgt Ion: 56 Resp: 11896
Ion Ratio Lower Upper
56 100
69 32.2 27.2 40.8
84 87.9 72.1 108.1

Manual Integrations
APPROVED

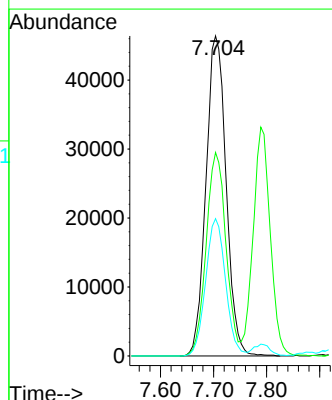
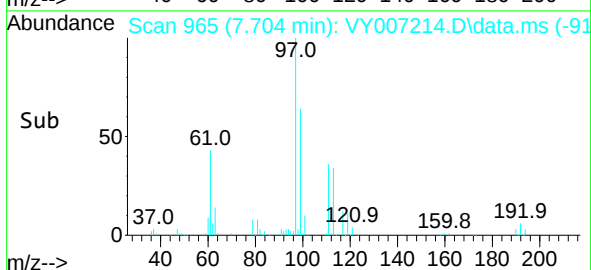
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

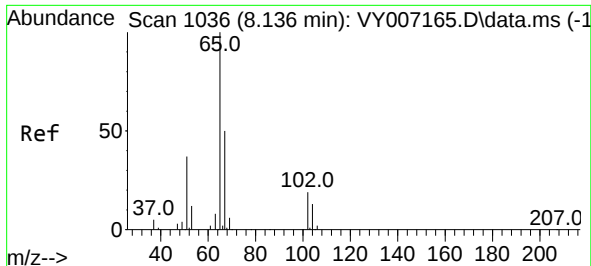


#32
1,1,1-Trichloroethane
Concen: 53.339 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 97 Resp: 122375
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 42.5 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 51.897 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7357

Ion Ratio Lower Upper

65 100

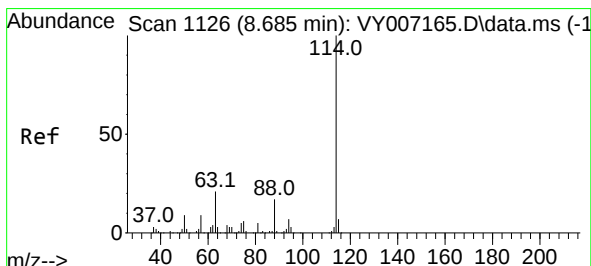
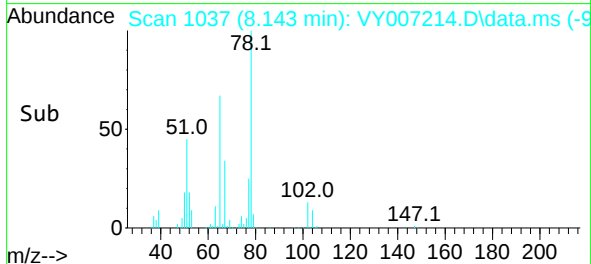
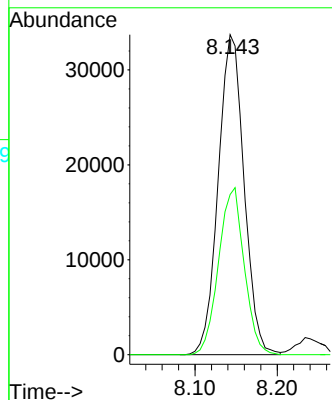
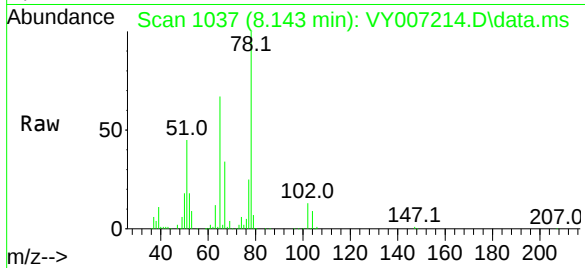
67 51.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

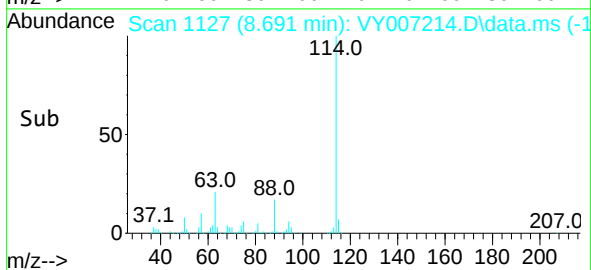
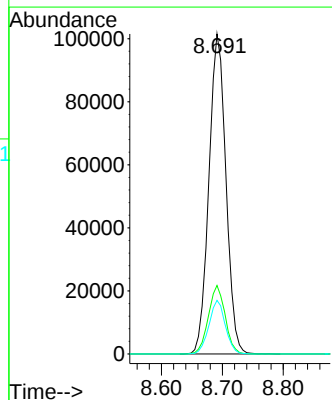
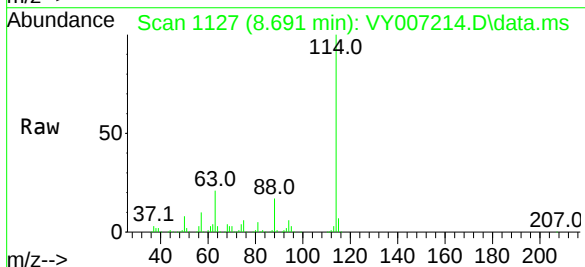
Tgt Ion:114 Resp: 197078

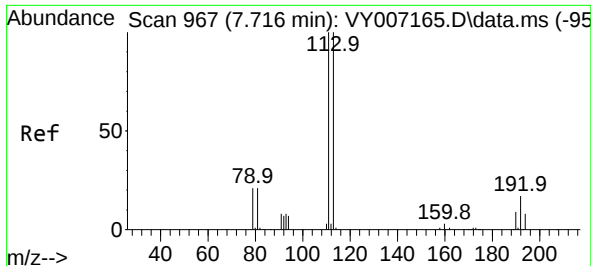
Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.2

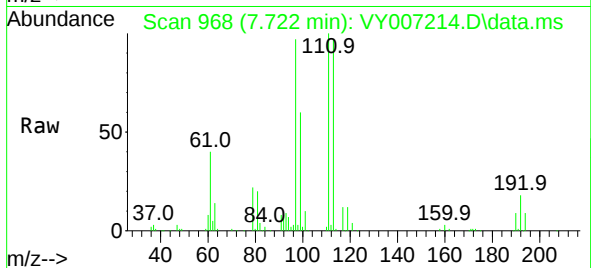
88 16.8 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.007 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

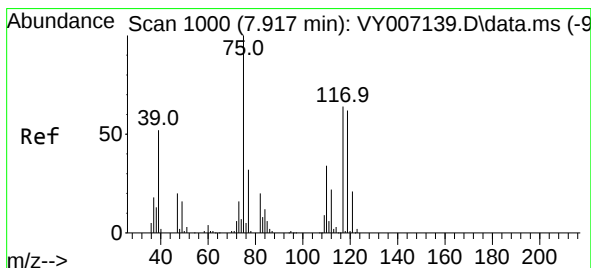
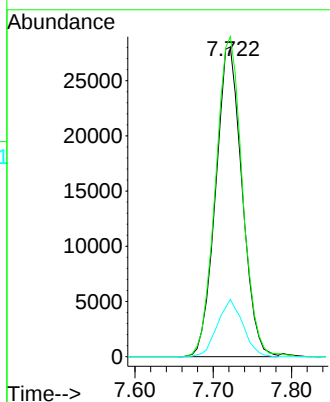
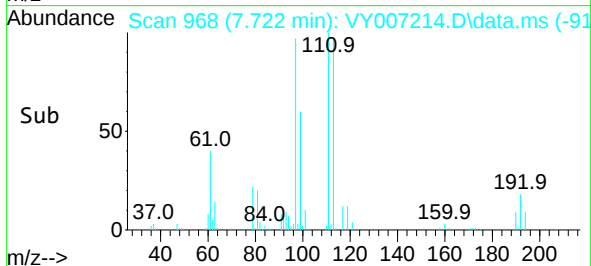
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 65780
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 17.8 14.2 21.4

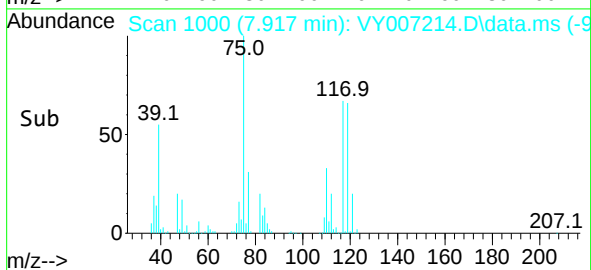
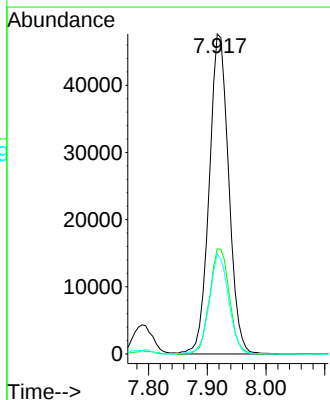
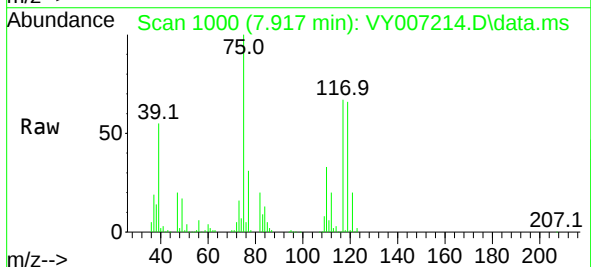
Manual Integrations
APPROVED

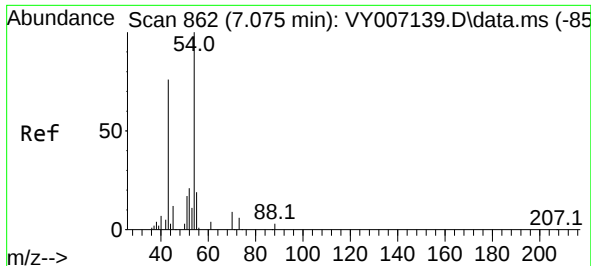
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#36
1,1-Dichloropropene
Concen: 51.595 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

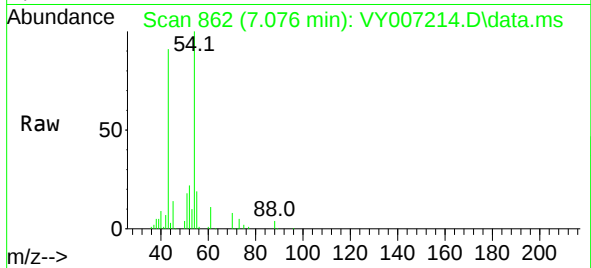
Tgt Ion: 75 Resp: 109812
Ion Ratio Lower Upper
75 100
110 33.4 17.3 51.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 53.111 ug/l
RT: 7.076 min Scan# 801
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

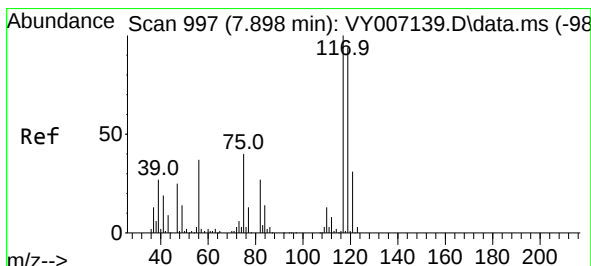
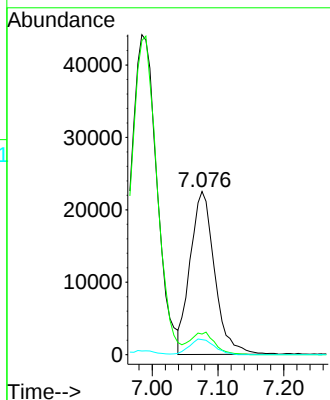
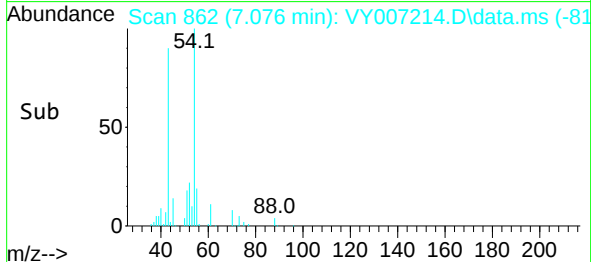
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 5801
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.8
70 9.8 9.0 13.4

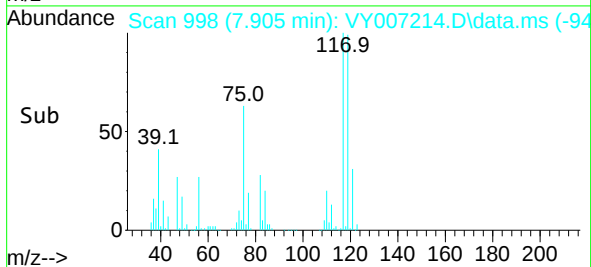
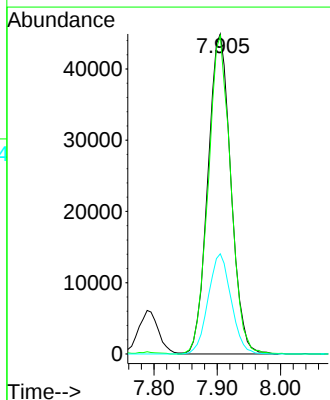
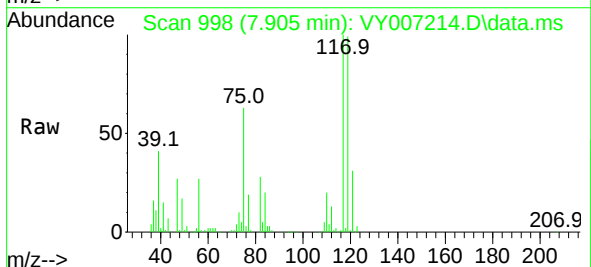
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#38
Carbon Tetrachloride
Concen: 50.557 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

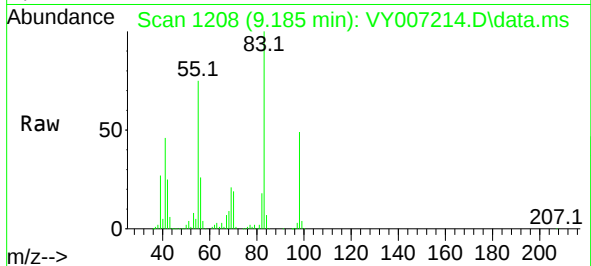
Tgt Ion:117 Resp: 113181
Ion Ratio Lower Upper
117 100
119 99.4 77.2 115.8
121 31.3 24.2 36.2





#39
Methylcyclohexane
Concen: 50.826 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

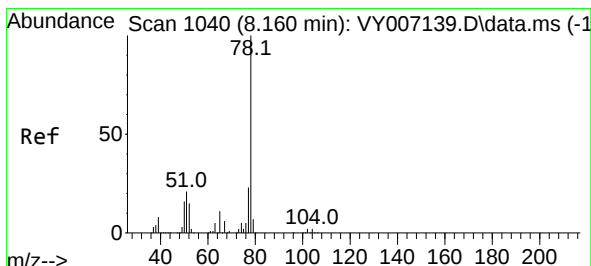
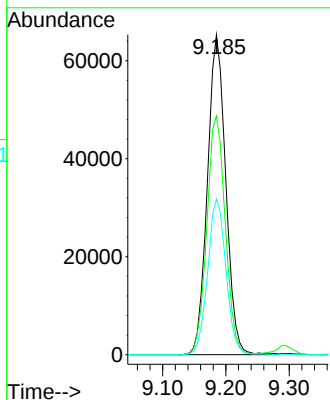
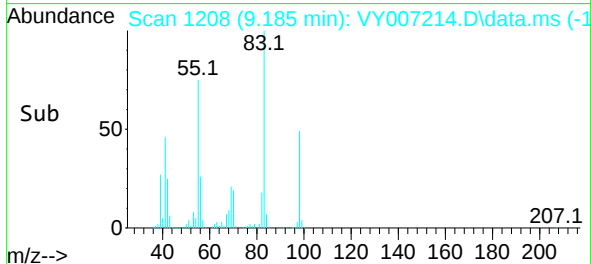
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 132078
Ion Ratio Lower Upper
83 100
55 74.6 58.8 88.2
98 48.6 38.7 58.1

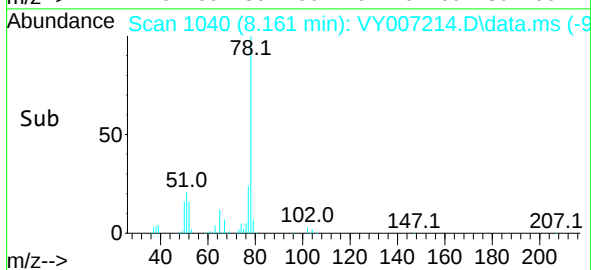
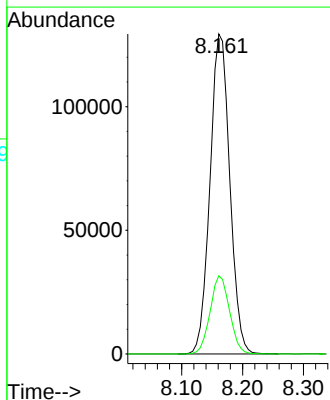
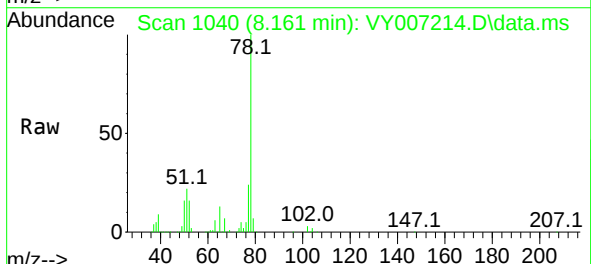
Manual Integrations
APPROVED

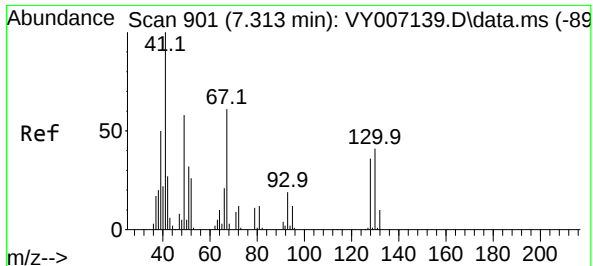
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#40
Benzene
Concen: 51.394 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

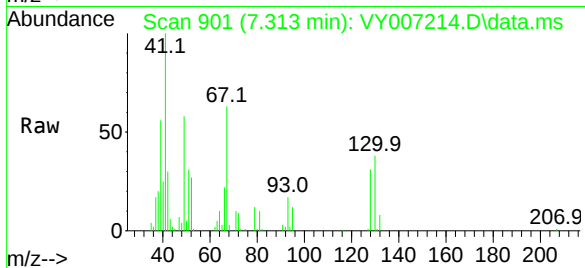
Tgt Ion: 78 Resp: 291779
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 46.954 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

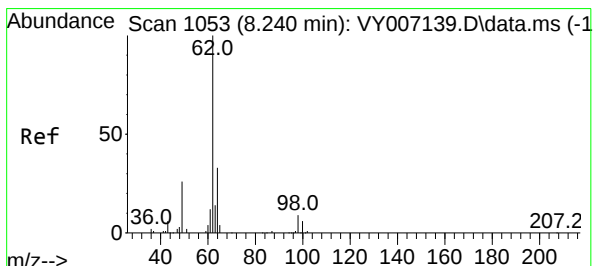
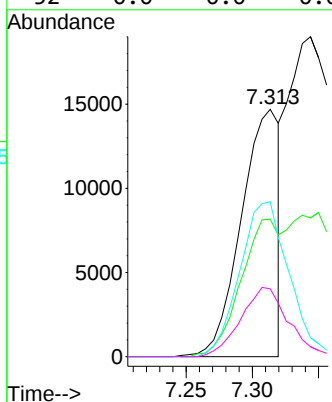
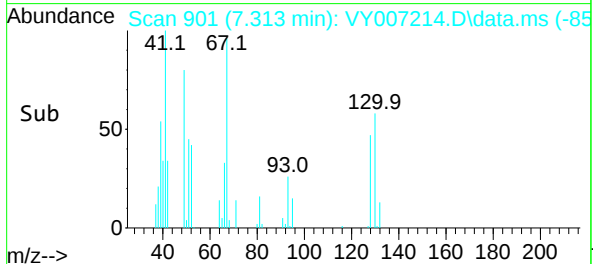
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



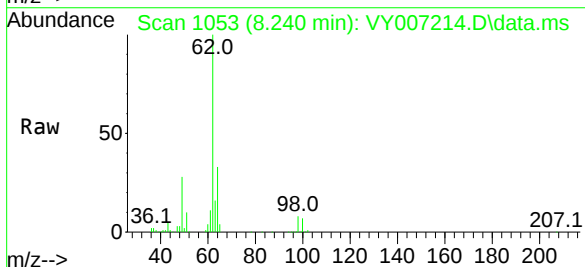
Tgt Ion: 41 Resp: 29534
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

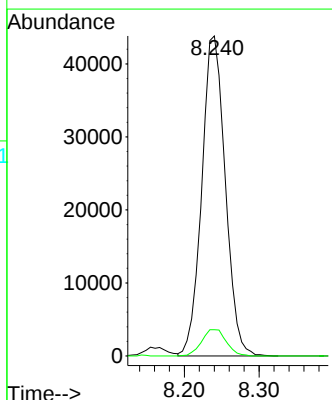
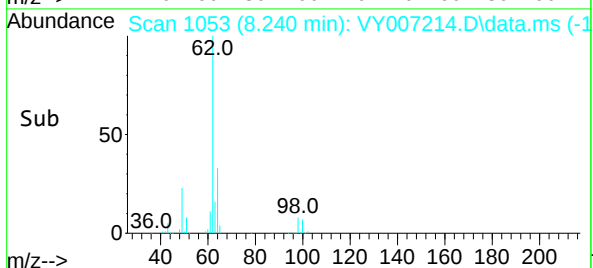
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

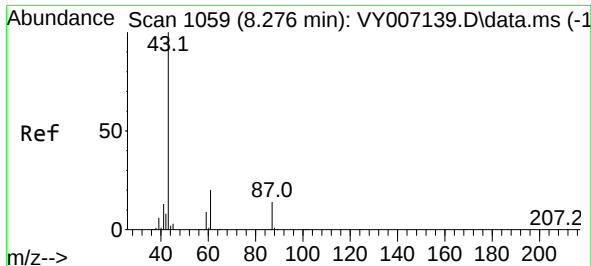


#42
1,2-Dichloroethane
Concen: 53.621 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



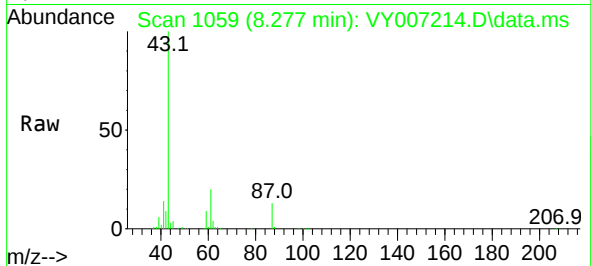
Tgt Ion: 62 Resp: 95863
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 53.907 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

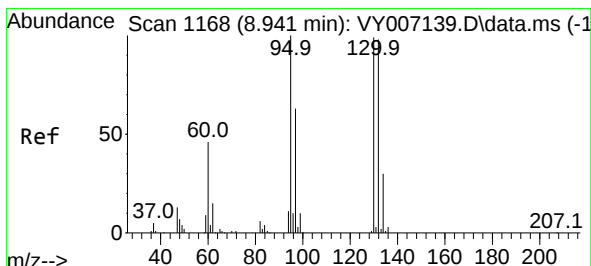
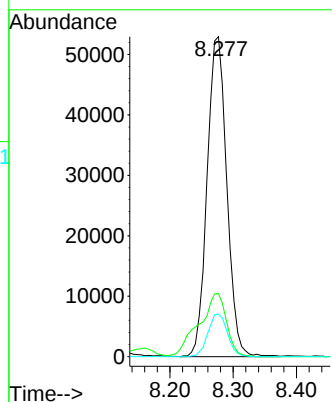
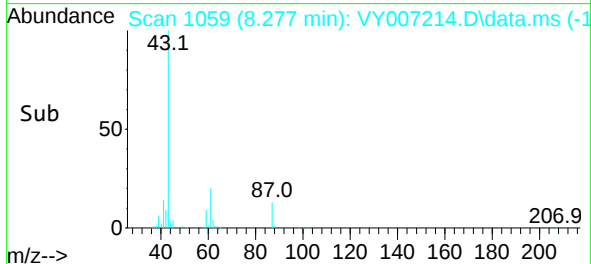
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 114570
Ion Ratio Lower Upper
43 100
61 27.6 23.8 35.8
87 13.2 11.6 17.4

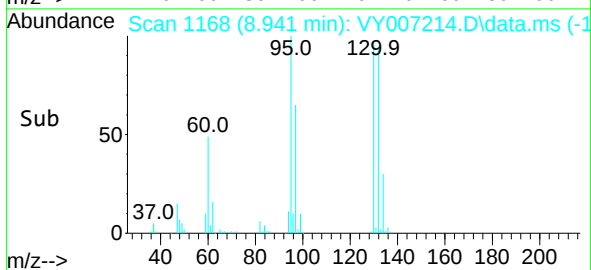
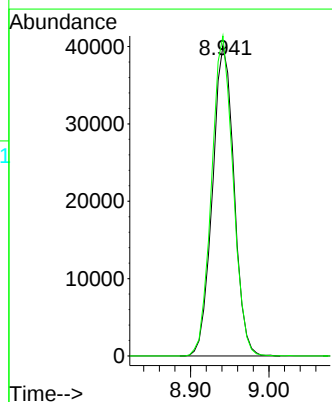
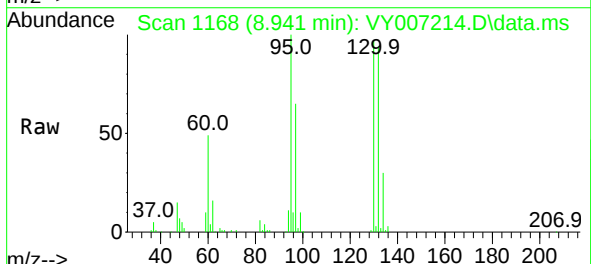
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#44
Trichloroethene
Concen: 49.901 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

Tgt Ion:130 Resp: 76663
Ion Ratio Lower Upper
130 100
95 103.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 51.415 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 74230

Ion Ratio Lower Upper

63 100

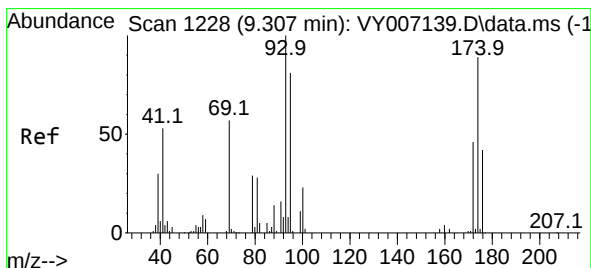
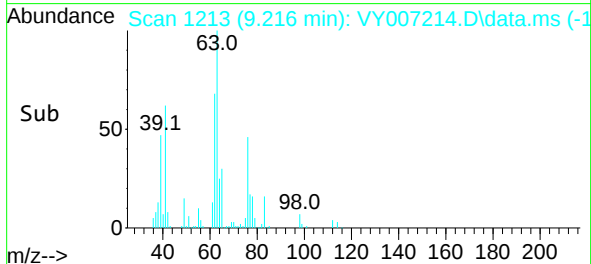
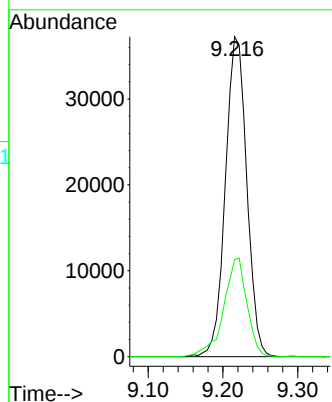
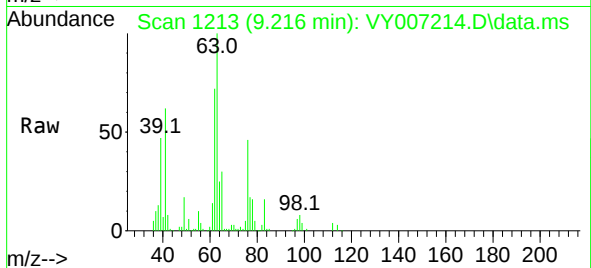
65 30.4 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#46

Dibromomethane

Concen: 51.670 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

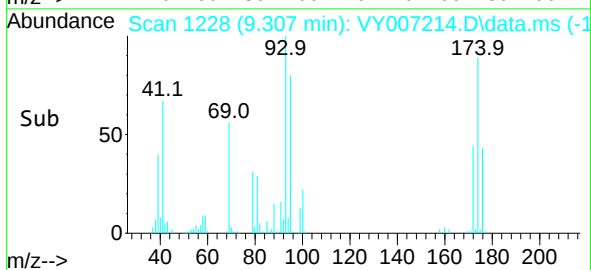
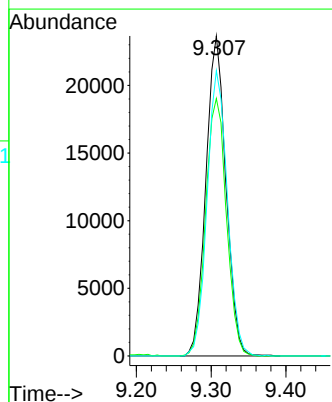
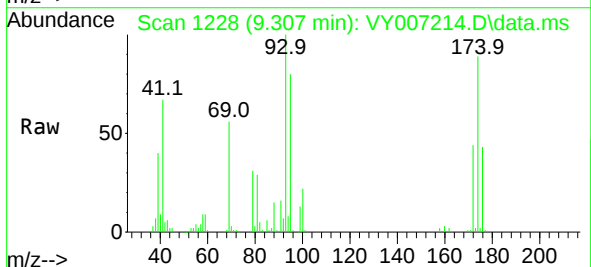
Tgt Ion: 93 Resp: 44113

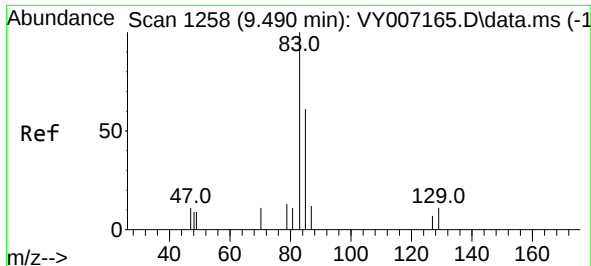
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

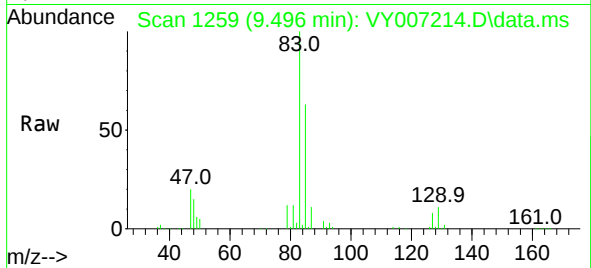
174 90.1 75.4 113.0





#47
Bromodichloromethane
Concen: 52.847 ug/l
RT: 9.496 min Scan# 110910
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

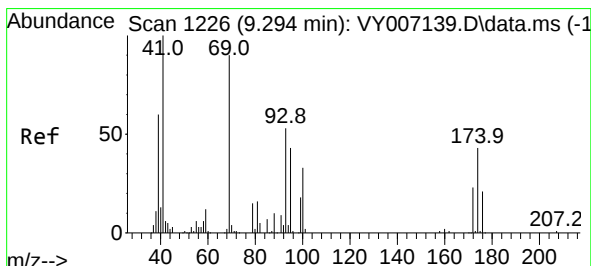
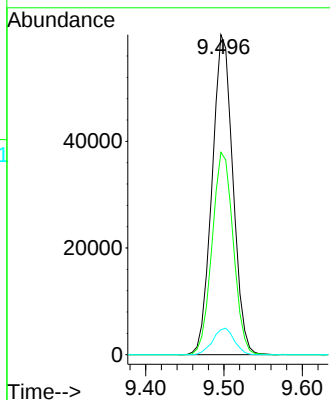
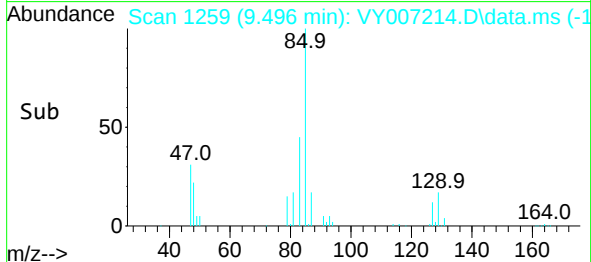
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



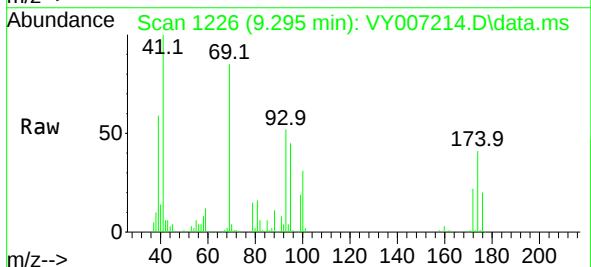
Tgt Ion: 83 Resp: 110910
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2
127 7.8 6.5 9.7

Manual Integrations
APPROVED

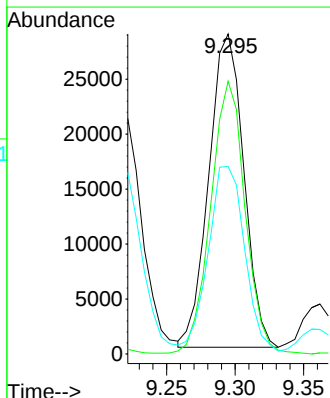
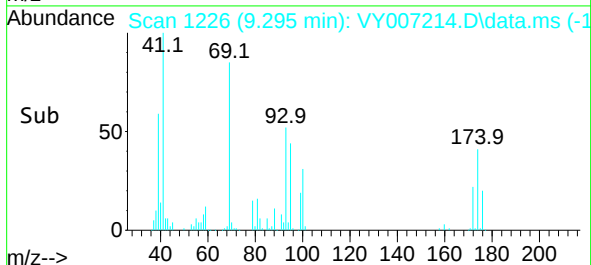
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#48
Methyl methacrylate
Concen: 52.263 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 41 Resp: 50522
Ion Ratio Lower Upper
41 100
69 86.0 70.5 105.7
39 61.0 43.8 65.8





#49

1,4-Dioxane

Concen: 1134.781 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

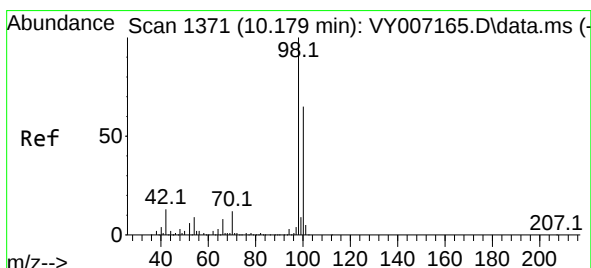
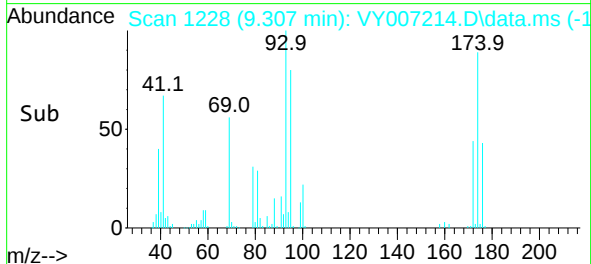
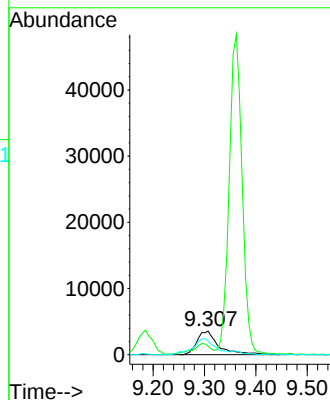
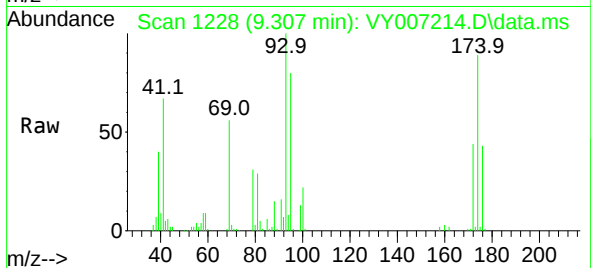
Tgt Ion:	88	Resp:	10440
Ion	Ratio	Lower	Upper
88	100		
43	36.7	22.0	33.0
58	68.7	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#50

Toluene-d8

Concen: 49.564 ug/l

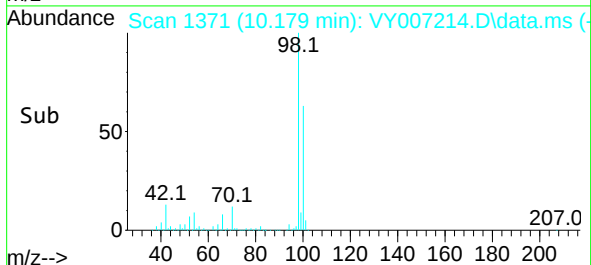
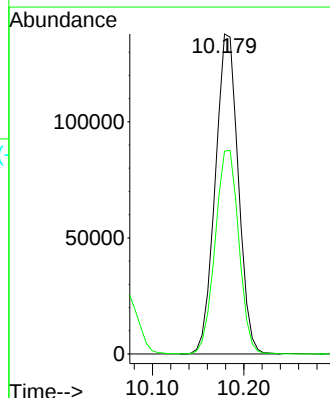
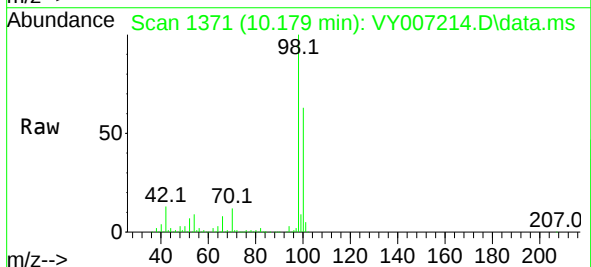
RT: 10.179 min Scan# 1371

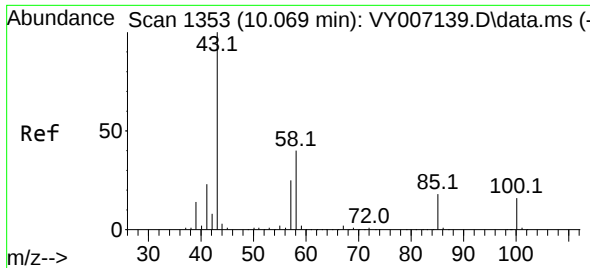
Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

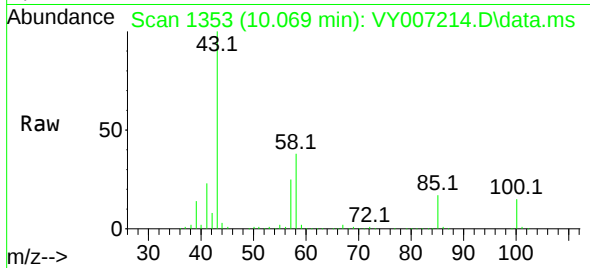
Tgt Ion:	98	Resp:	241341
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 268.772 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

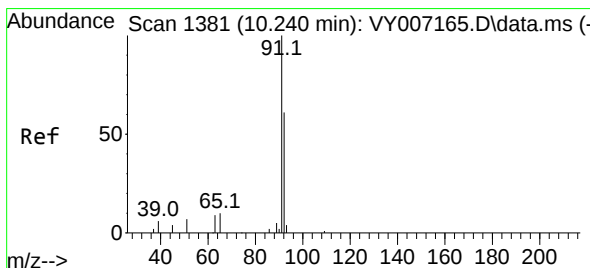
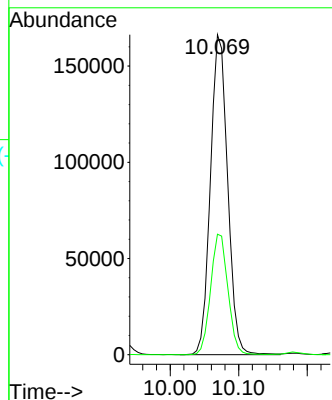
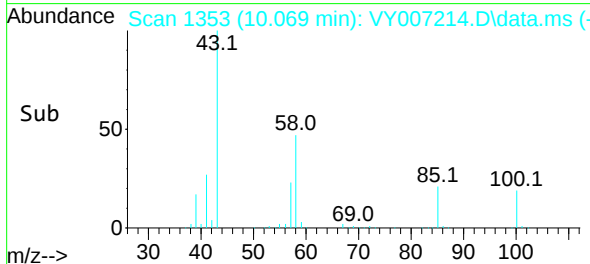
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



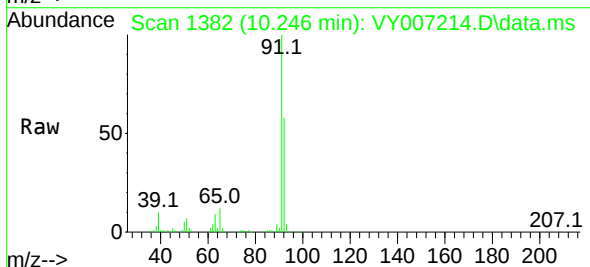
Tgt Ion: 43 Resp: 289638
Ion Ratio Lower Upper
43 100
58 37.9 32.8 49.2

Manual Integrations
APPROVED

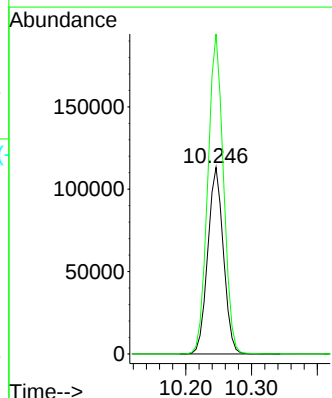
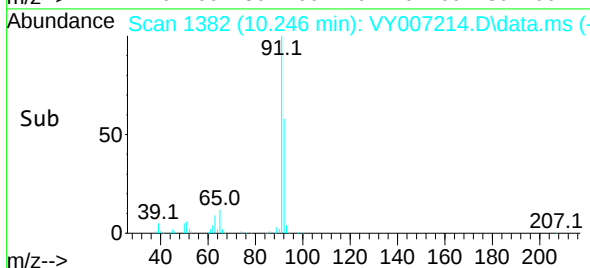
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

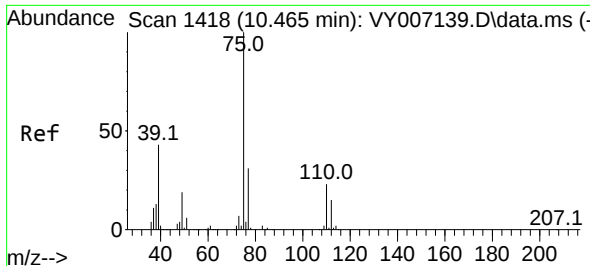


#52
Toluene
Concen: 51.972 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



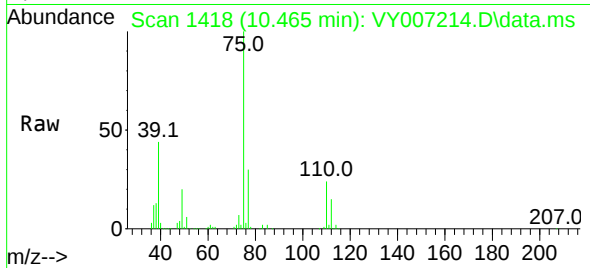
Tgt Ion: 92 Resp: 187028
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.612 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

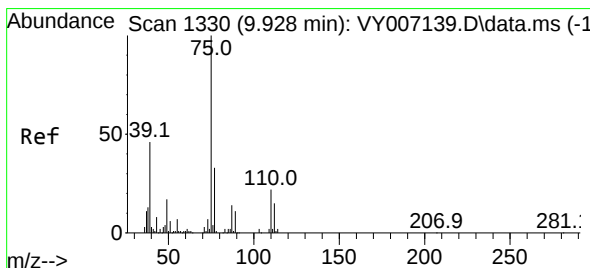
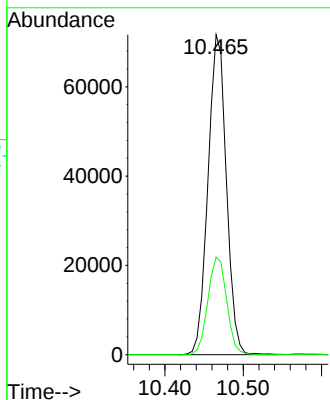
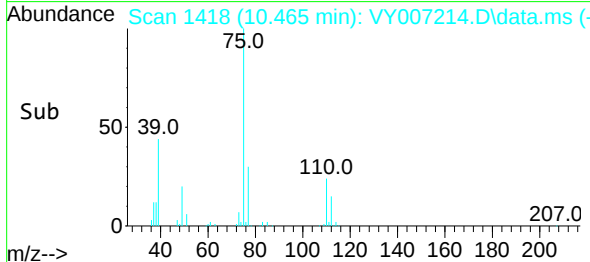
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



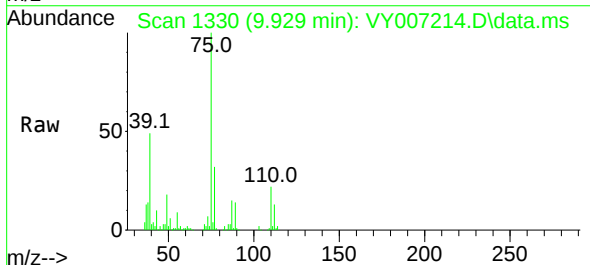
Tgt Ion: 75 Resp: 116560
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

Manual Integrations
APPROVED

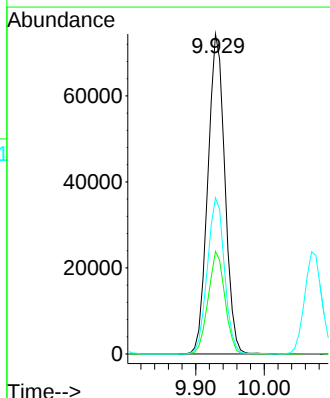
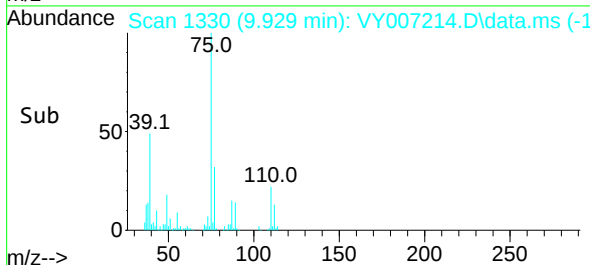
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

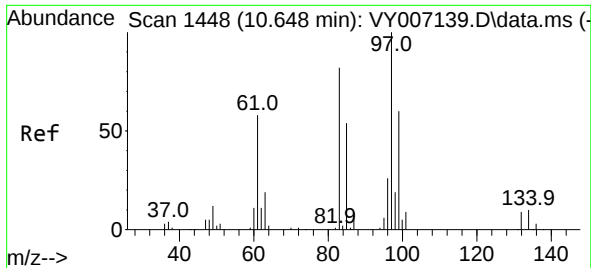


#54
cis-1,3-Dichloropropene
Concen: 51.824 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



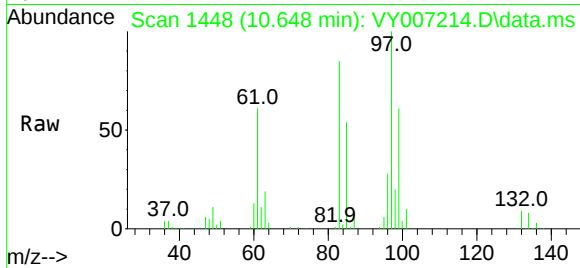
Tgt Ion: 75 Resp: 128527
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
39 48.8 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 50.319 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

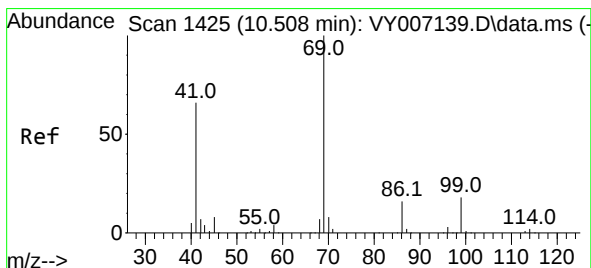
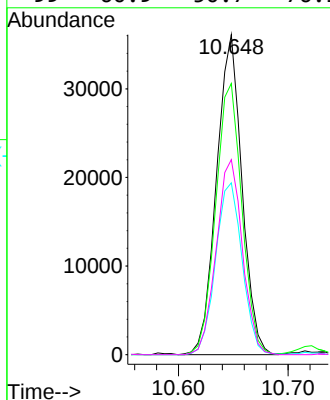
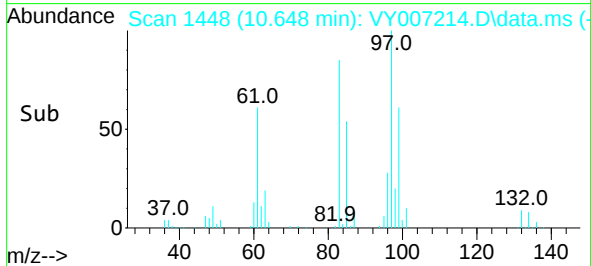
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



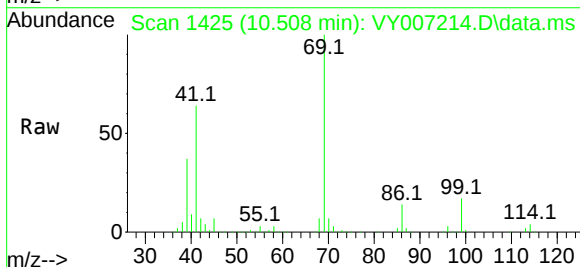
Tgt Ion: 97 Resp: 5827
Ion Ratio Lower Upper
97 100
83 84.7 67.0 100.4
85 53.7 41.2 61.8
99 60.9 50.7 76.1

Manual Integrations
APPROVED

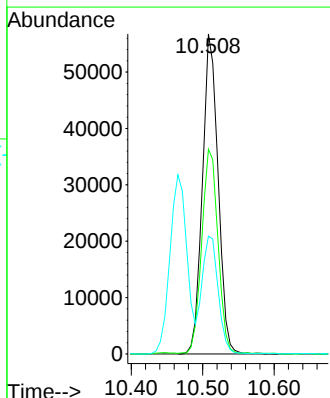
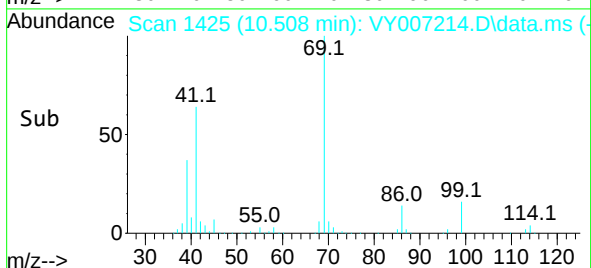
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

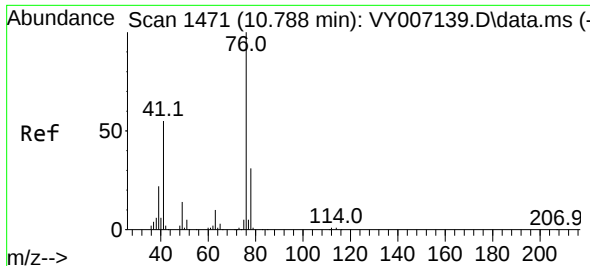


#56
Ethyl methacrylate
Concen: 52.927 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 69 Resp: 86347
Ion Ratio Lower Upper
69 100
41 66.8 49.4 74.0
39 37.7 27.7 41.5





#57

1,3-Dichloropropane

Concen: 52.368 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007214.D

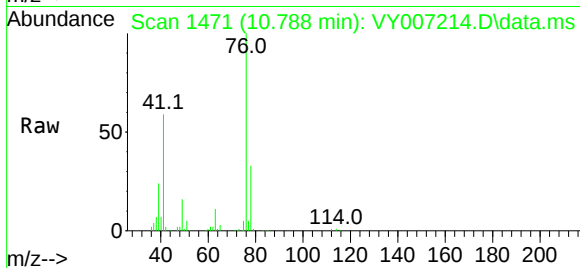
Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 105700

Ion Ratio Lower Upper

76 100

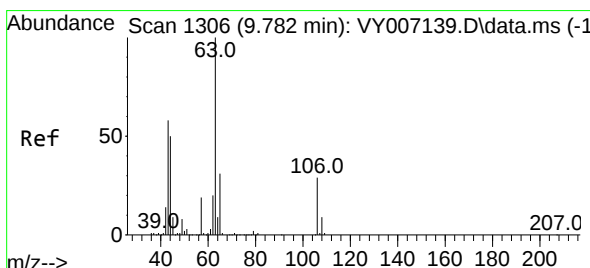
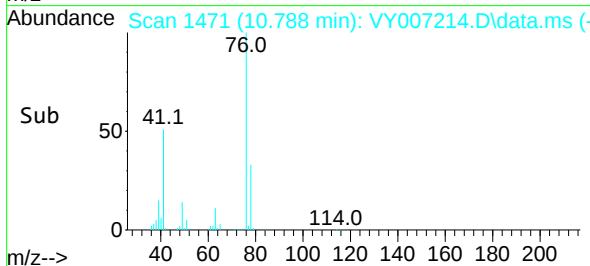
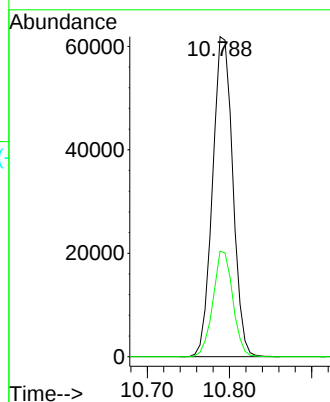
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 237.471 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007214.D

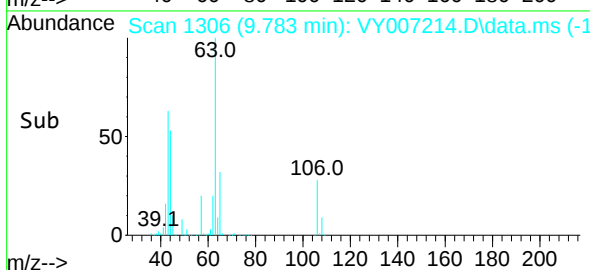
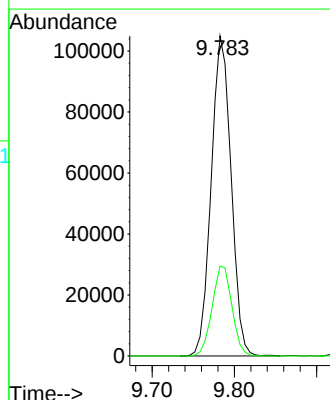
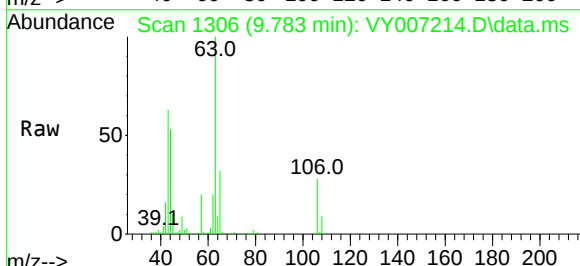
Acq: 18 Jan 2022 17:47

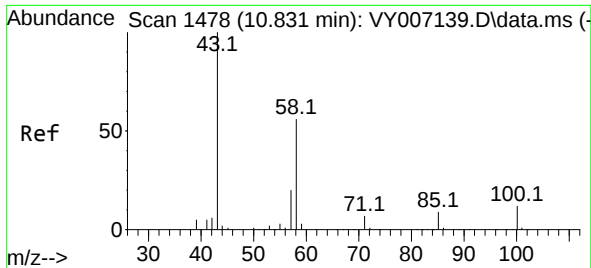
Tgt Ion: 63 Resp: 176164

Ion Ratio Lower Upper

63 100

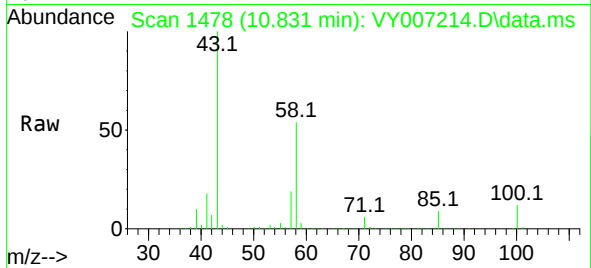
106 27.9 23.3 34.9





#59
2-Hexanone
Concen: 258.419 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

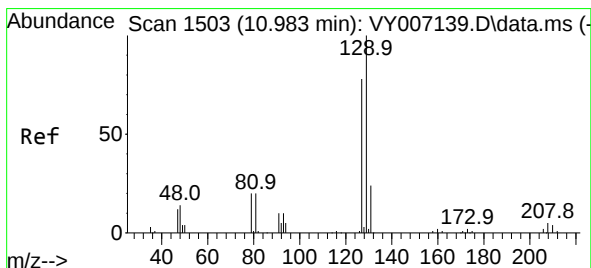
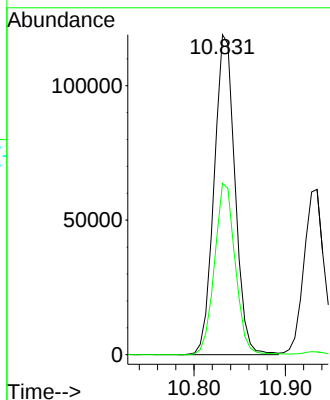
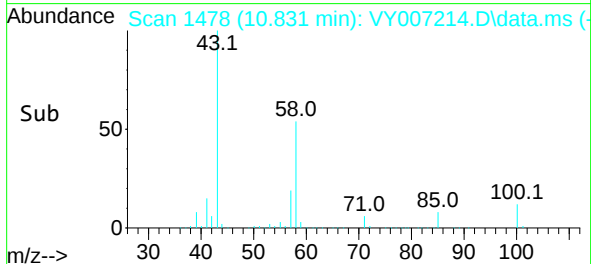
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 188994
Ion Ratio Lower Upper
43 100
58 53.1 28.4 85.3

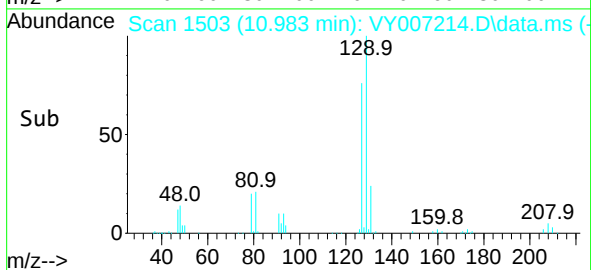
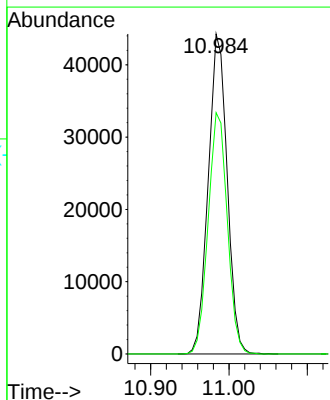
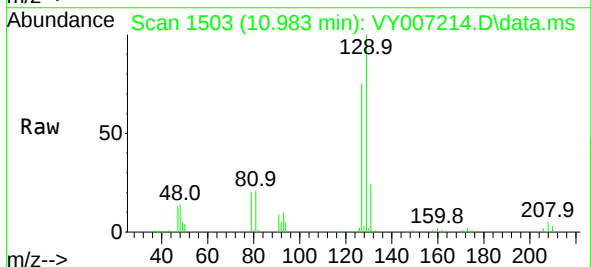
Manual Integrations
APPROVED

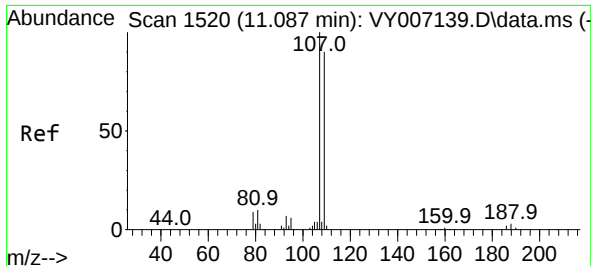
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#60
Dibromochloromethane
Concen: 52.060 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

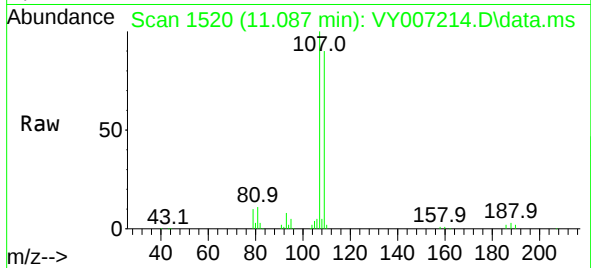
Tgt Ion:129 Resp: 74111
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 51.787 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

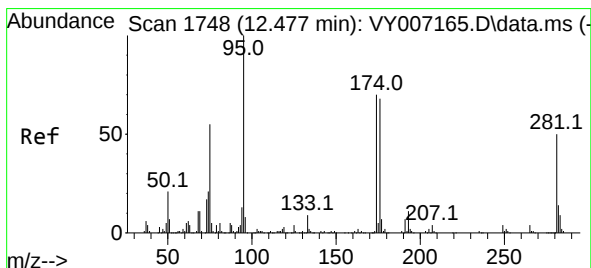
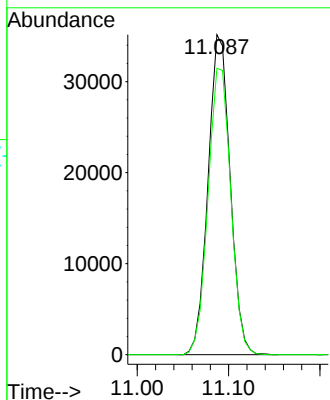
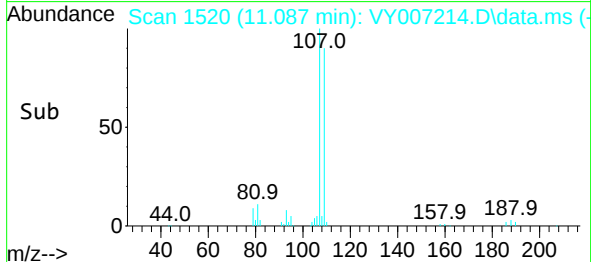
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



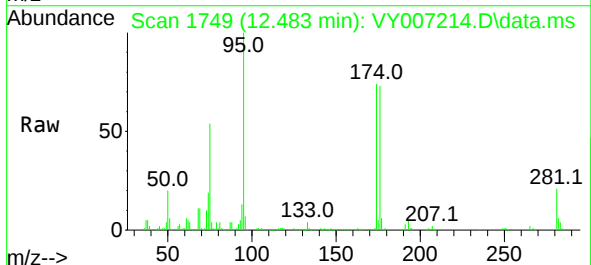
Tgt Ion:107 Resp: 58910
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.0

Manual Integrations
APPROVED

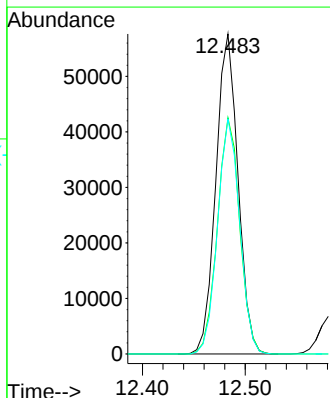
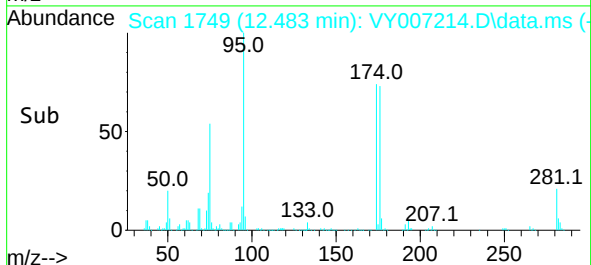
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

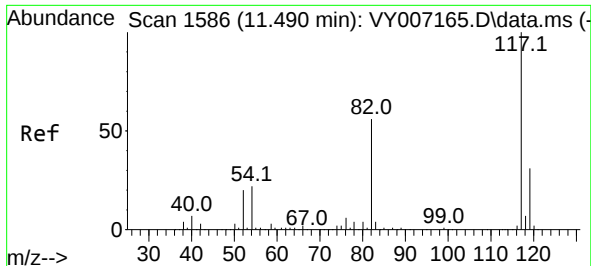


#62
4-Bromofluorobenzene
Concen: 49.763 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



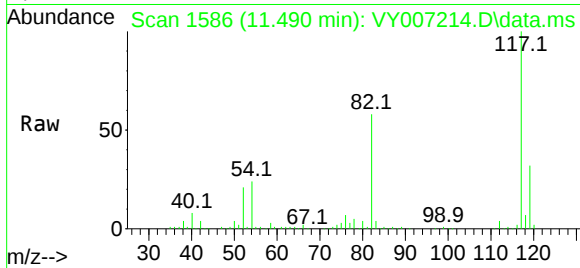
Tgt Ion: 95 Resp: 86193
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.4
176 73.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

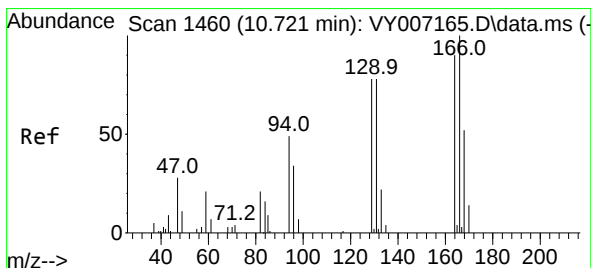
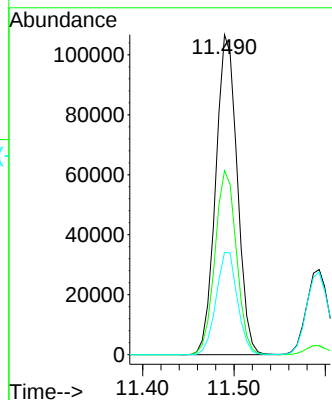
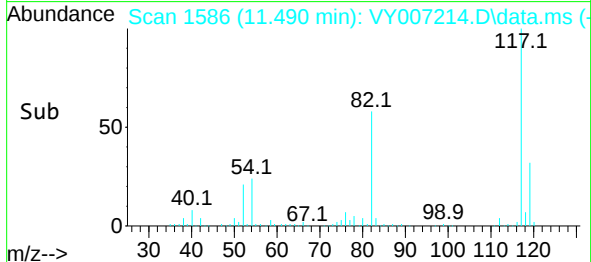
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 174660
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 32.0 26.4 39.6

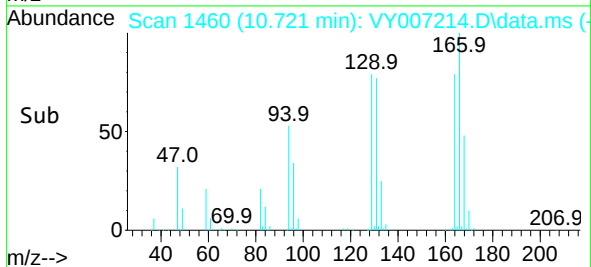
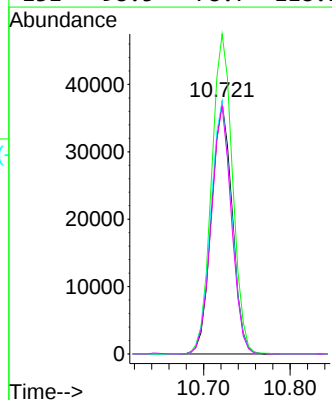
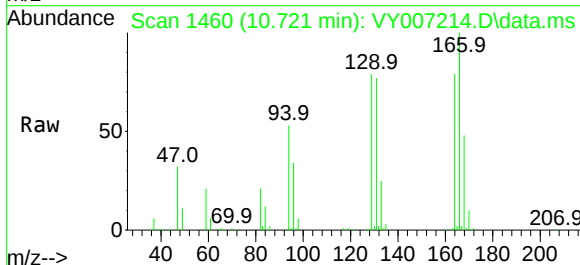
Manual Integrations
APPROVED

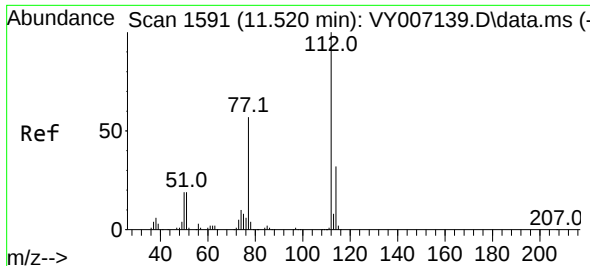
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#64
Tetrachloroethene
Concen: 49.222 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

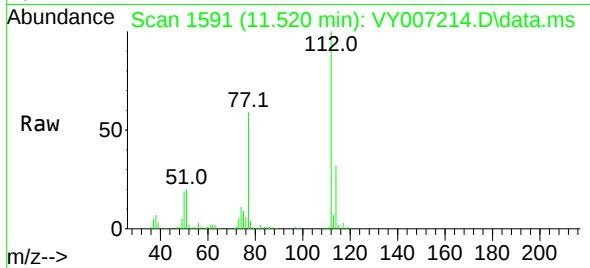
Tgt Ion:164 Resp: 61970
Ion Ratio Lower Upper
164 100
166 127.1 102.6 154.0
129 100.3 84.6 127.0
131 98.5 78.7 118.1





#65
Chlorobenzene
Concen: 50.637 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

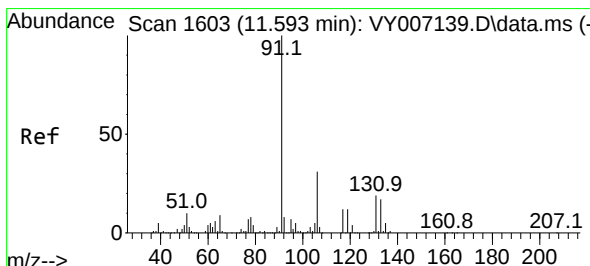
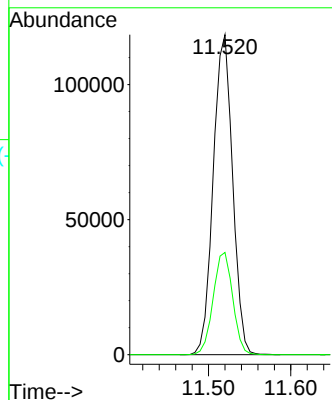
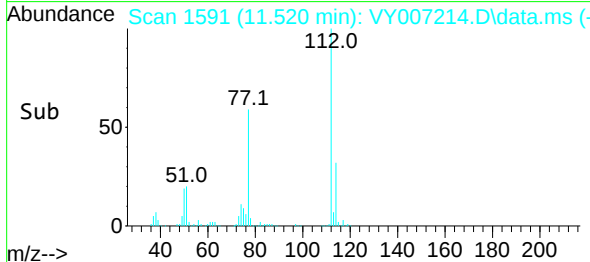
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



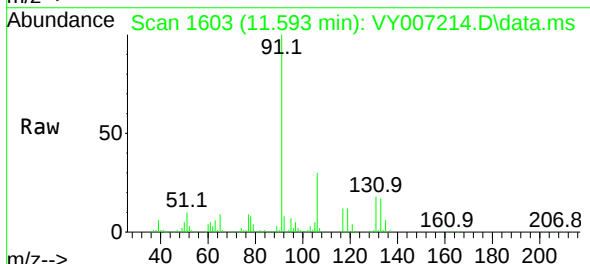
Tgt Ion:112 Resp: 193390
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
APPROVED

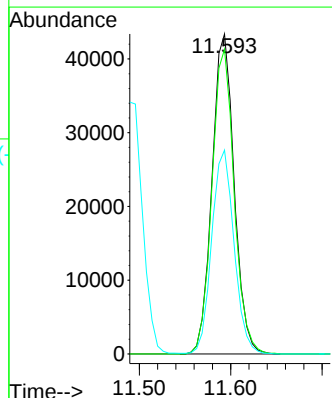
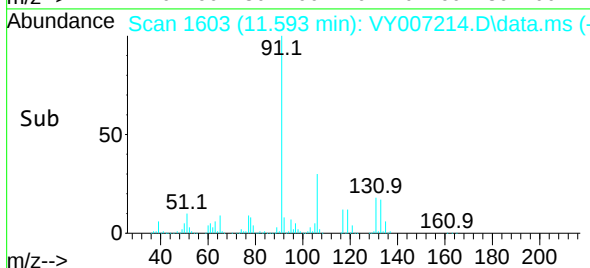
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

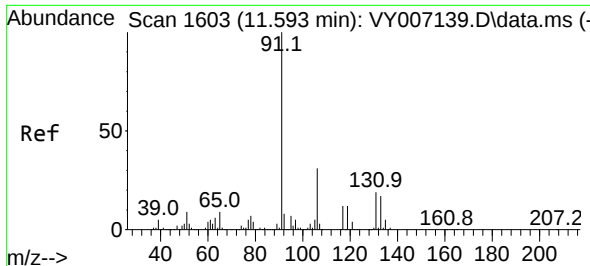


#66
1,1,1,2-Tetrachloroethane
Concen: 51.419 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



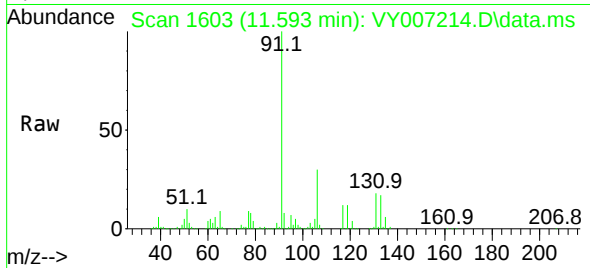
Tgt Ion:131 Resp: 72796
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 64.4 32.6 97.7





#67
Ethyl Benzene
Concen: 51.236 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

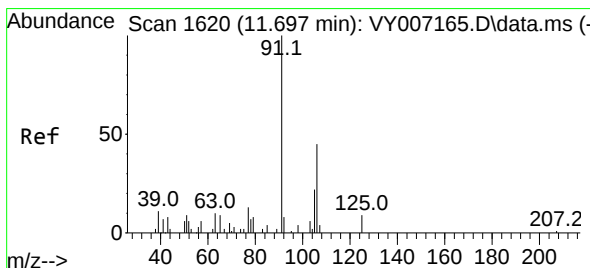
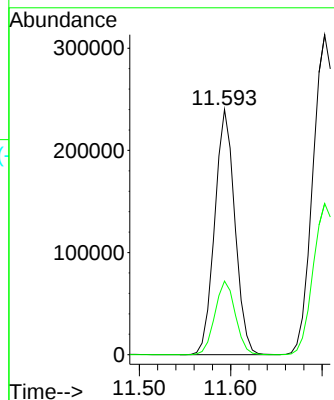
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



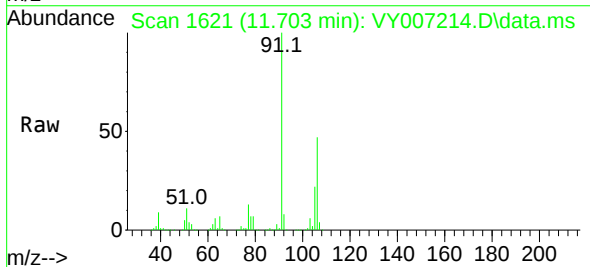
Tgt Ion: 91 Resp: 367780
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

Manual Integrations
APPROVED

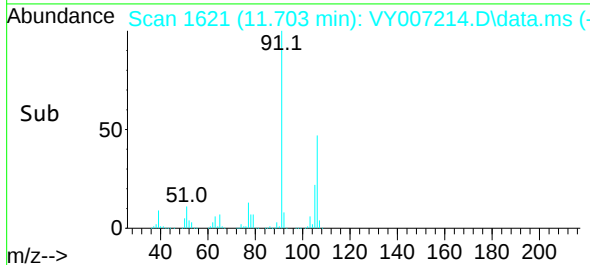
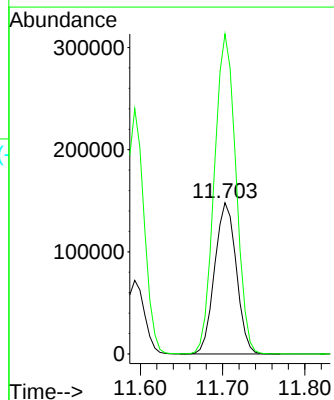
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

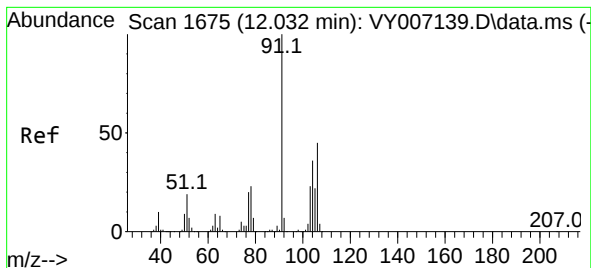


#68
m/p-Xylenes
Concen: 101.561 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion:106 Resp: 270916
Ion Ratio Lower Upper
106 100
91 211.0 167.1 250.7





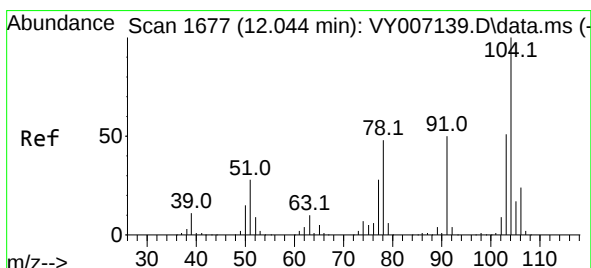
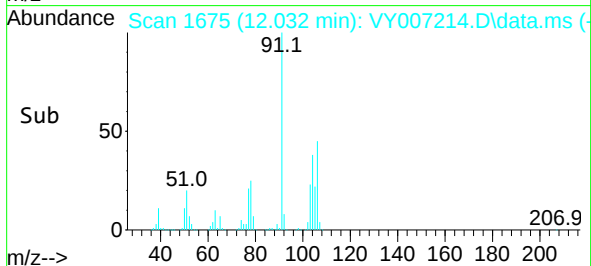
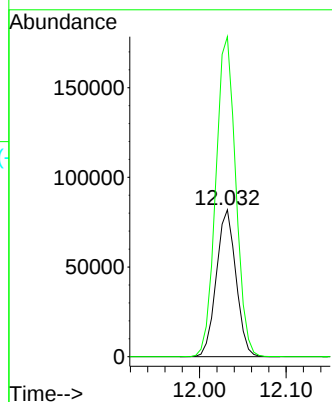
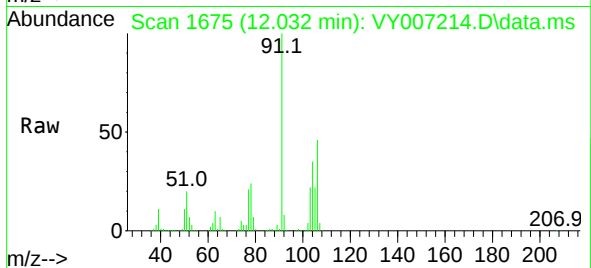
#69
o-Xylene
Concen: 51.230 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 128693
Ion Ratio Lower Upper
106 100
91 221.6 109.9 329.6

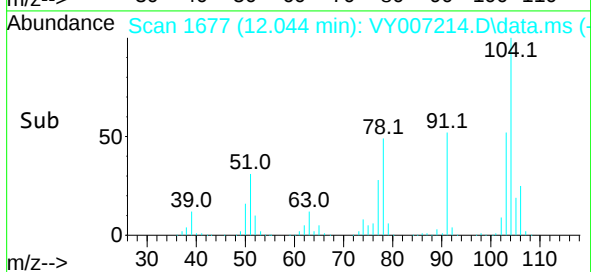
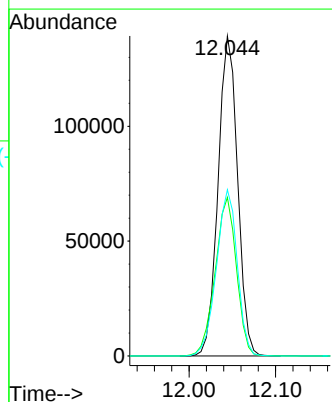
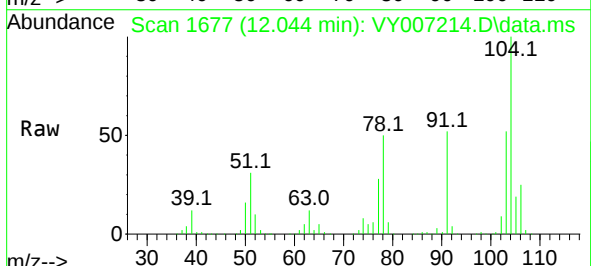
Manual Integrations
APPROVED

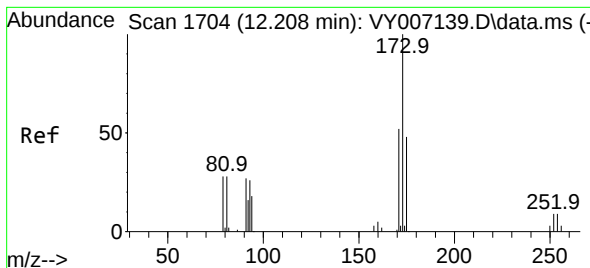
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#70
Styrene
Concen: 51.512 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

Tgt Ion:104 Resp: 218299
Ion Ratio Lower Upper
104 100
78 53.9 41.4 62.0
103 55.4 44.2 66.2





#71

Bromoform

Concen: 51.022 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

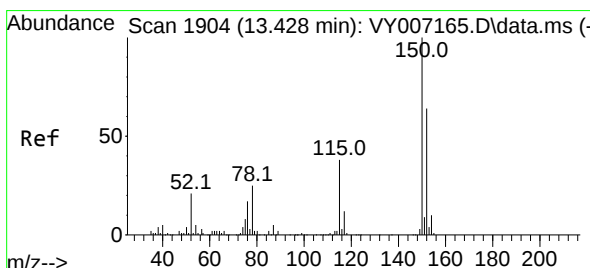
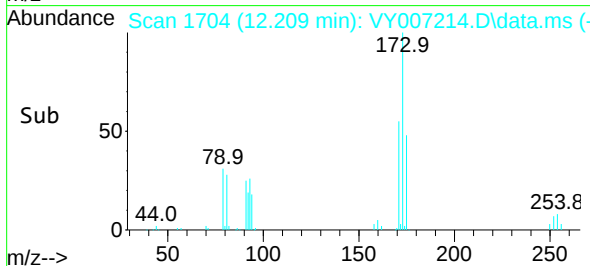
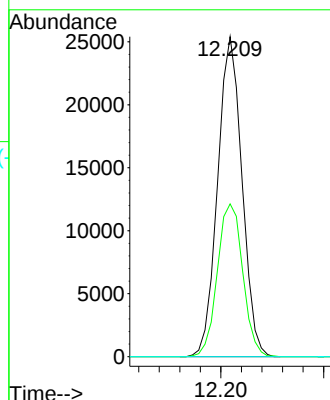
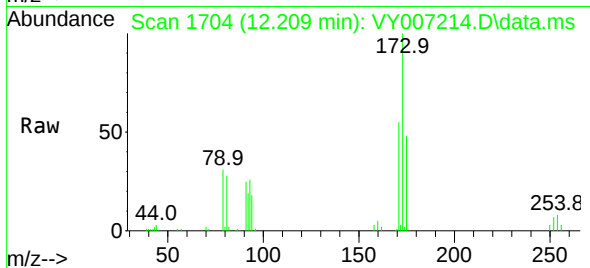
Tgt Ion:173	Resp: 4178
Ion Ratio	Lower Upper
173	100
175	49.7 24.8 74.3
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

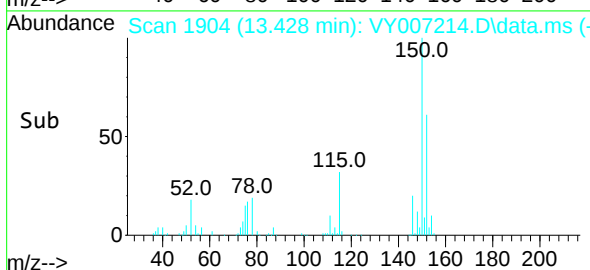
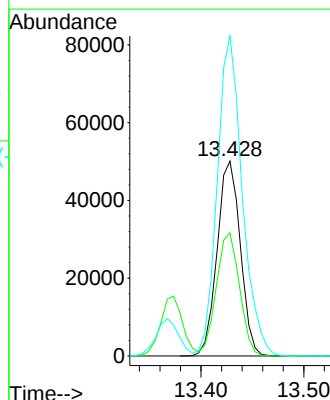
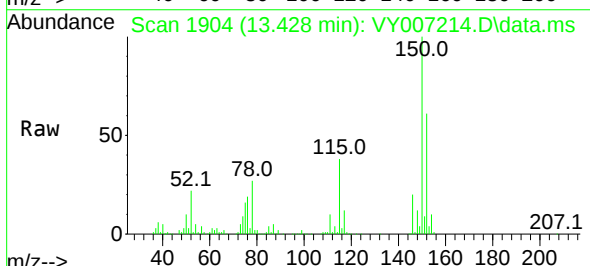
RT: 13.428 min Scan# 1904

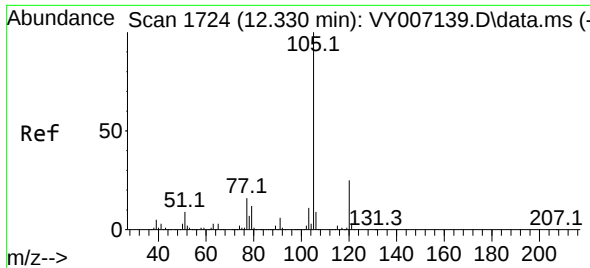
Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

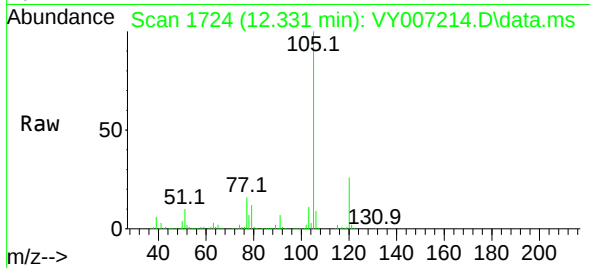
Tgt Ion:152	Resp: 78338
Ion Ratio	Lower Upper
152	100
115	63.2 31.4 94.0
150	177.5 0.0 348.4





#73
Isopropylbenzene
Concen: 50.967 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

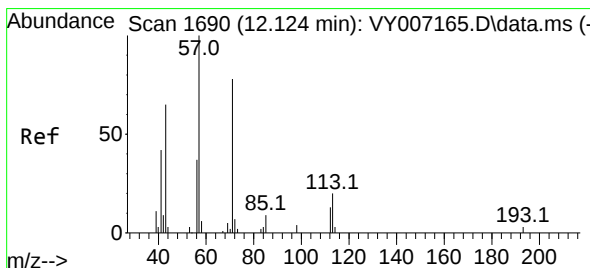
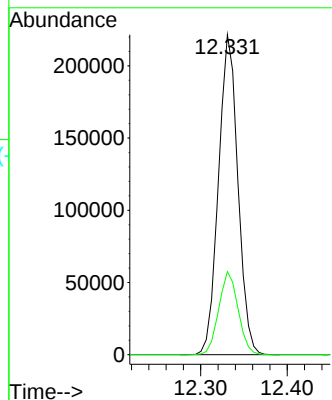
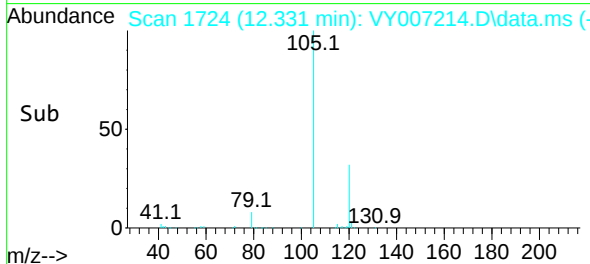
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 34484
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

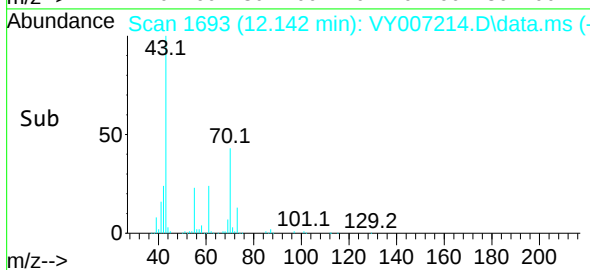
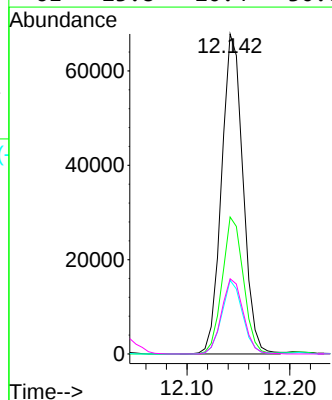
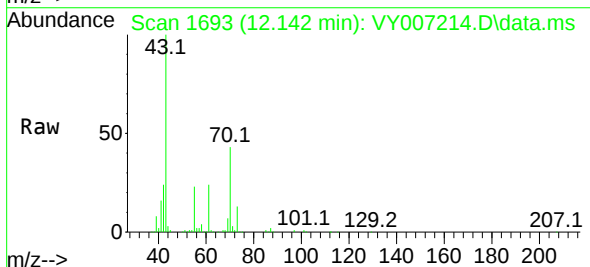
Manual Integrations
APPROVED

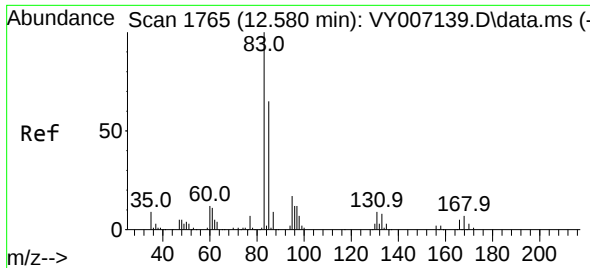
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#74
N-ethyl acetate
Concen: 54.188 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

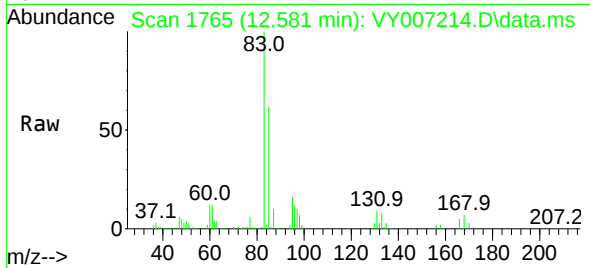
Tgt Ion: 43 Resp: 98043
Ion Ratio Lower Upper
43 100
70 42.4 36.2 54.4
55 22.4 19.0 28.4
61 23.8 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 52.118 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

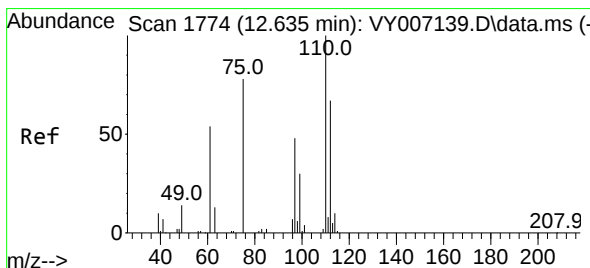
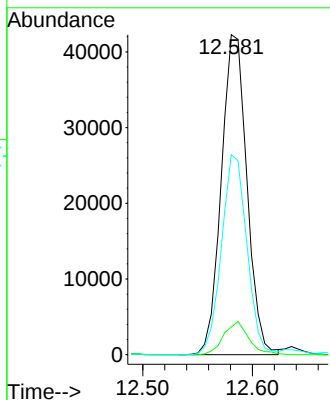
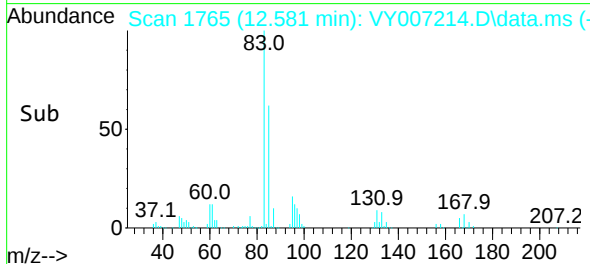
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



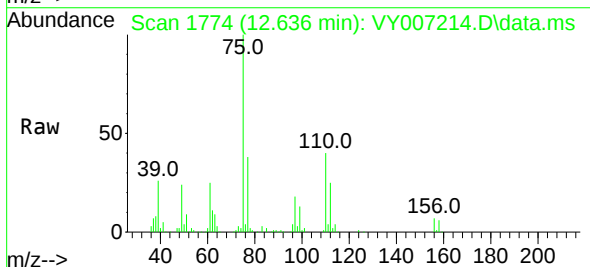
Tgt Ion: 83 Resp: 6857
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 62.1 32.4 97.2

Manual Integrations
APPROVED

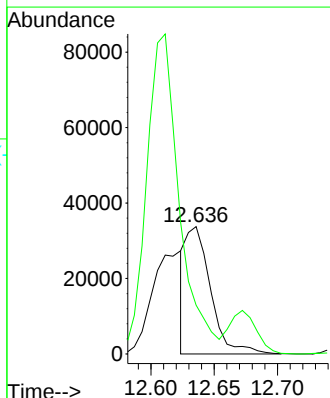
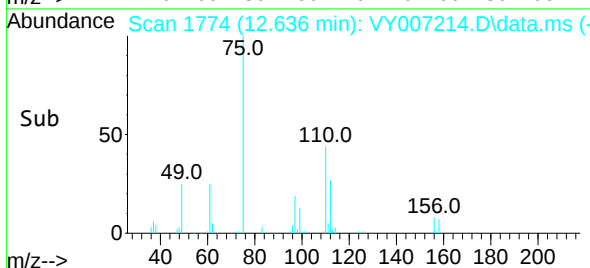
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

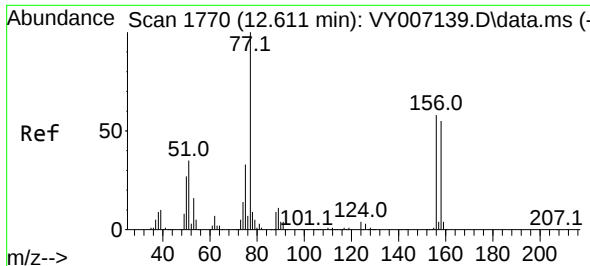


#76
1,2,3-Trichloropropane
Concen: 51.332 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



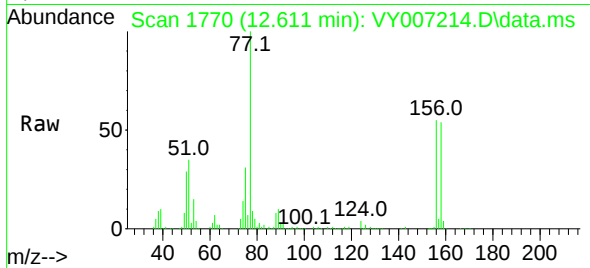
Tgt Ion: 75 Resp: 45853
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.461 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

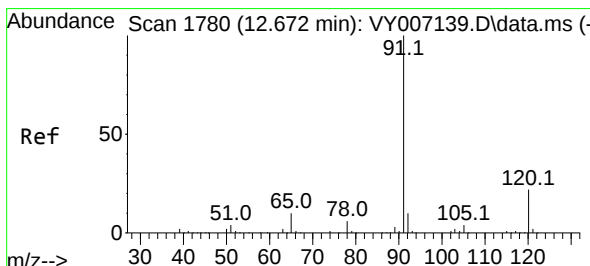
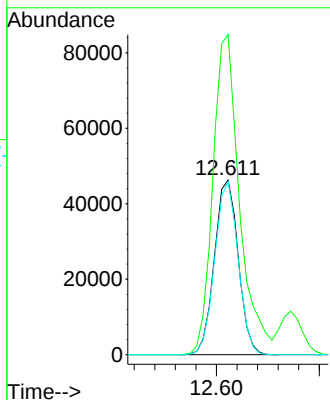
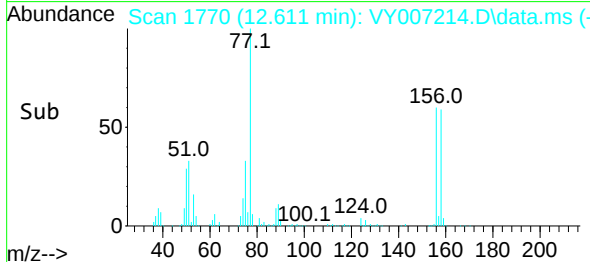
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



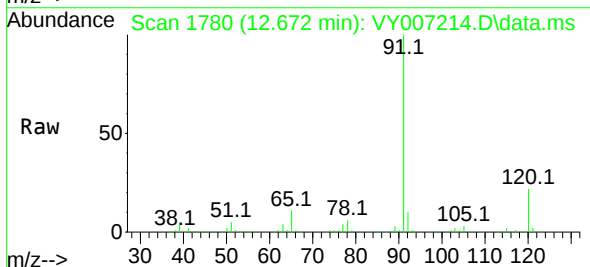
Tgt Ion:156 Resp: 74292
Ion Ratio Lower Upper
156 100
77 205.2 98.7 296.1
158 97.1 48.4 145.2

Manual Integrations
APPROVED

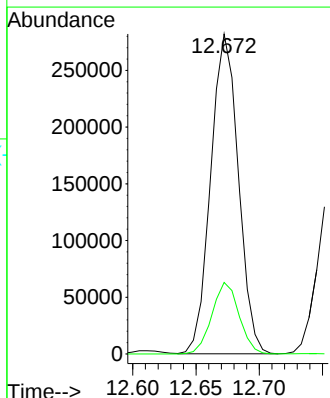
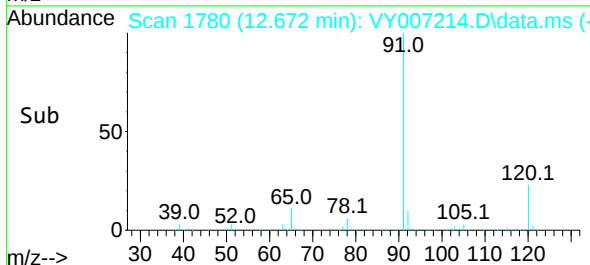
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

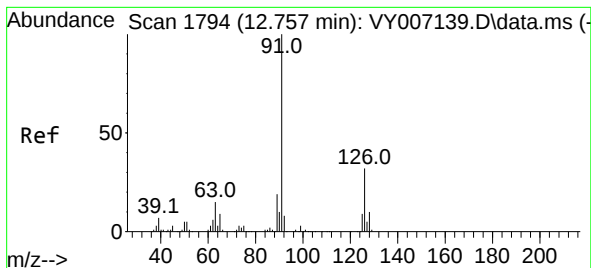


#78
n-propylbenzene
Concen: 51.149 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 91 Resp: 429020
Ion Ratio Lower Upper
91 100
120 21.9 11.2 33.5





#79

2-Chlorotoluene

Concen: 51.334 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 239394

Ion Ratio Lower Upper

91 100

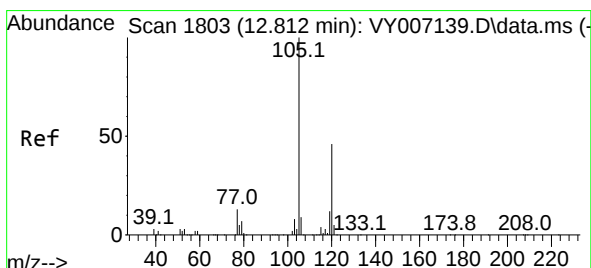
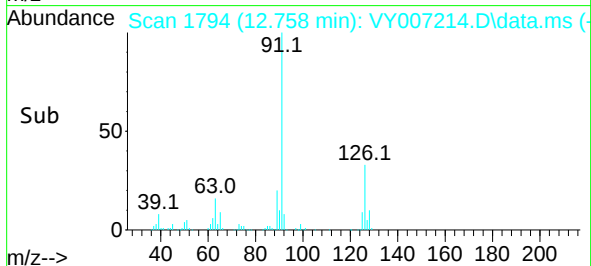
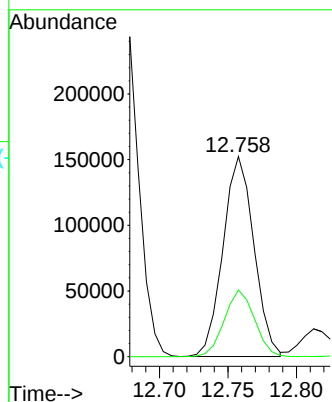
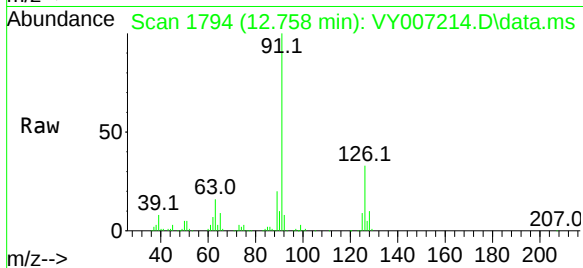
126 32.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#80

1,3,5-Trimethylbenzene

Concen: 51.253 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007214.D

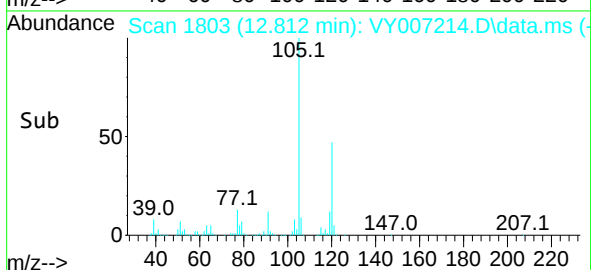
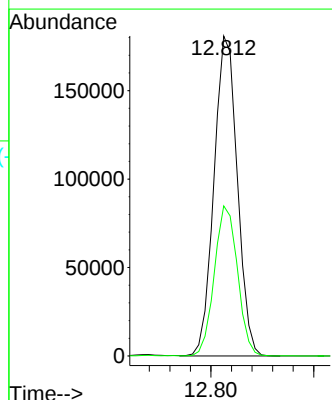
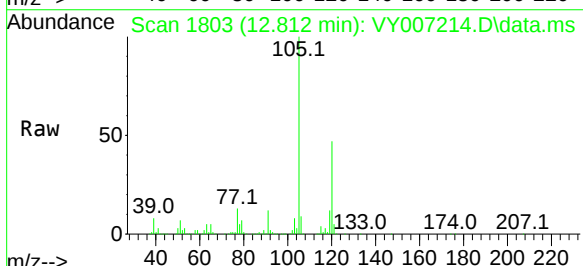
Acq: 18 Jan 2022 17:47

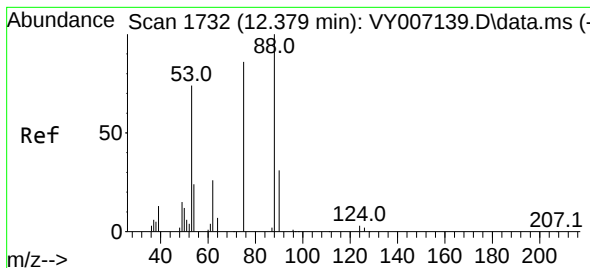
Tgt Ion:105 Resp: 284737

Ion Ratio Lower Upper

105 100

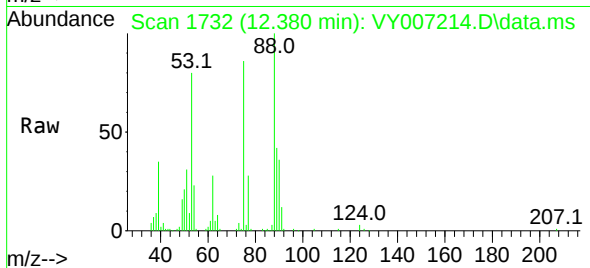
120 46.4 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.057 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

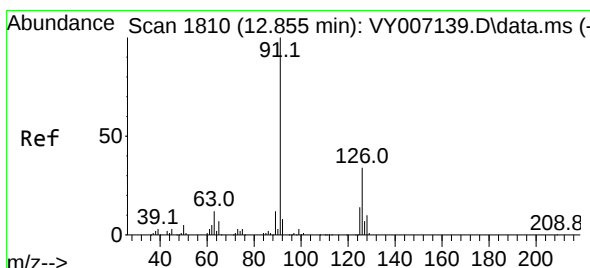
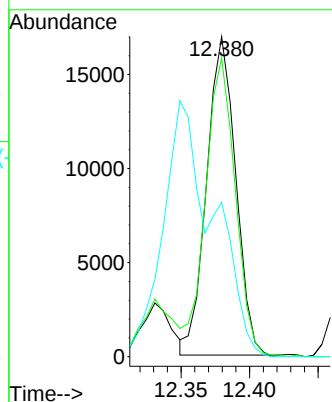
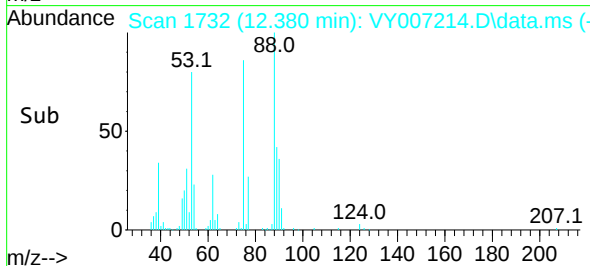
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2491
Ion Ratio Lower Upper
75 100
53 96.8 73.9 110.9
89 0.0 0.0 0.0

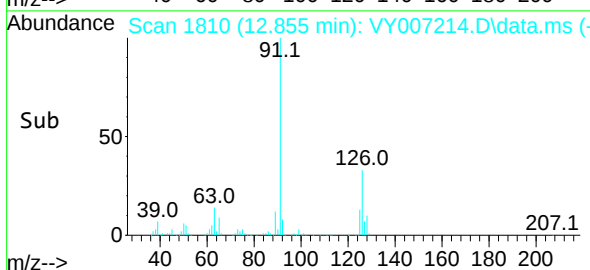
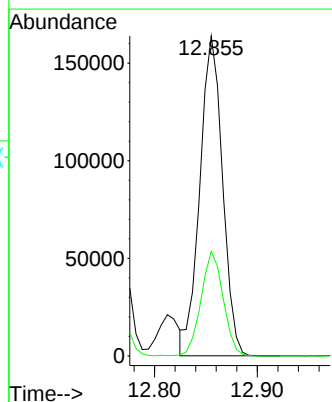
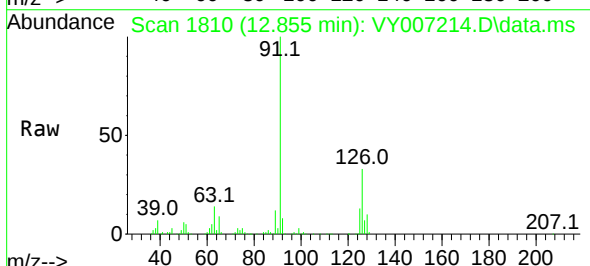
Manual Integrations
APPROVED

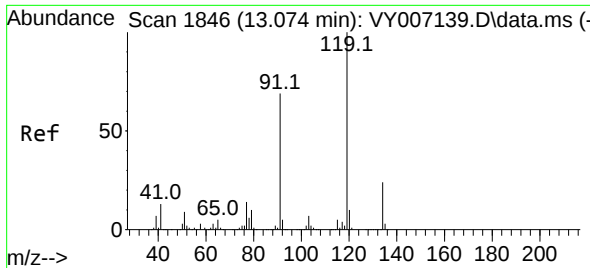
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#82
4-Chlorotoluene
Concen: 51.602 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

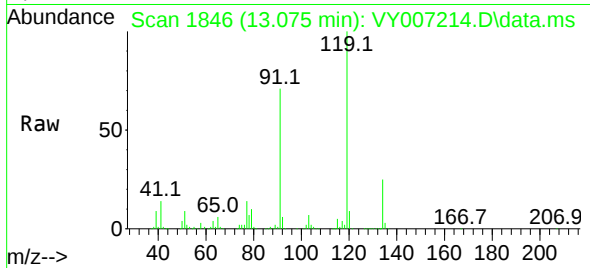
Tgt Ion: 91 Resp: 251029
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.9





#83
tert-Butylbenzene
Concen: 50.786 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

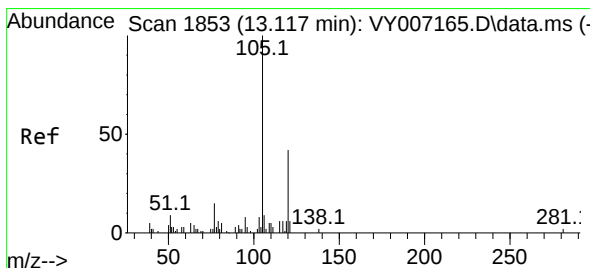
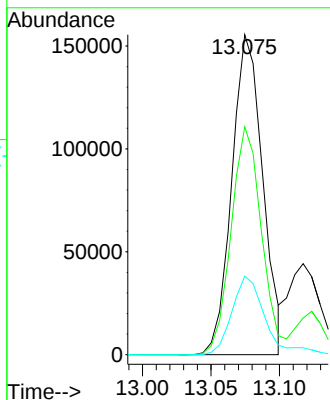
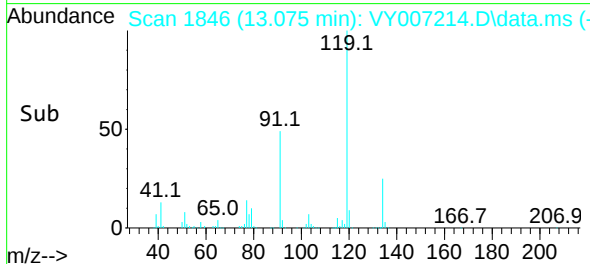
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 243792
Ion Ratio Lower Upper
119 100
91 70.4 33.1 99.5
134 26.3 12.9 38.7

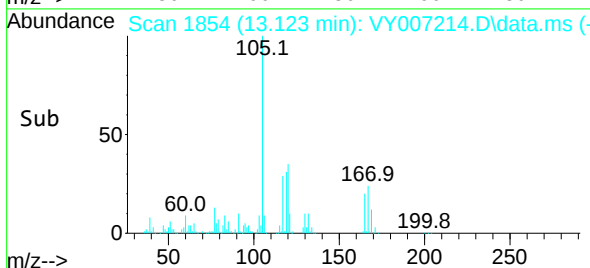
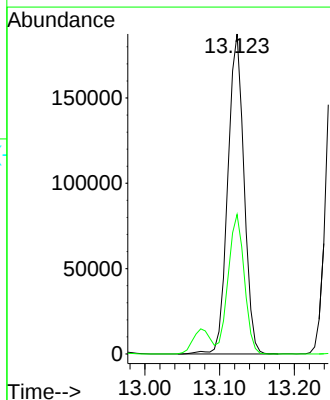
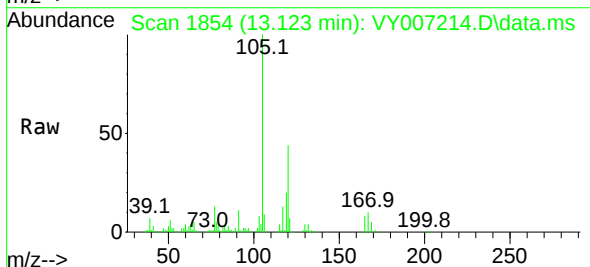
Manual Integrations
APPROVED

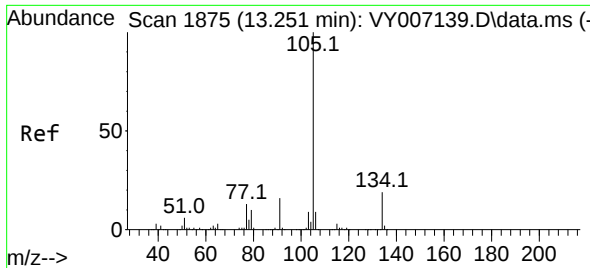
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.147 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

Tgt Ion:105 Resp: 281653
Ion Ratio Lower Upper
105 100
120 43.5 21.6 64.6





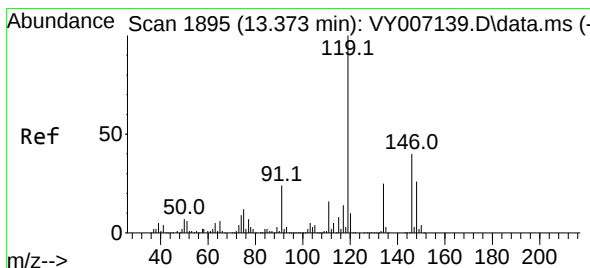
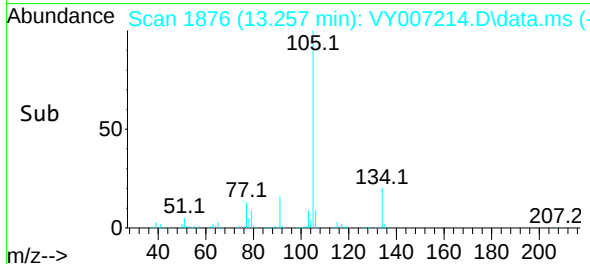
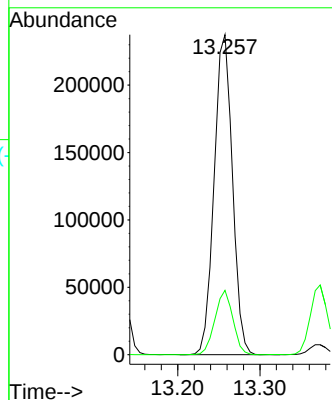
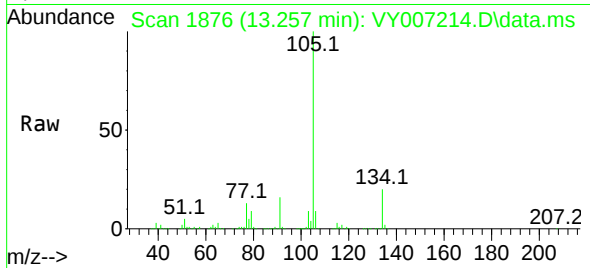
#85
 sec-Butylbenzene
 Concen: 51.060 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 36669
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

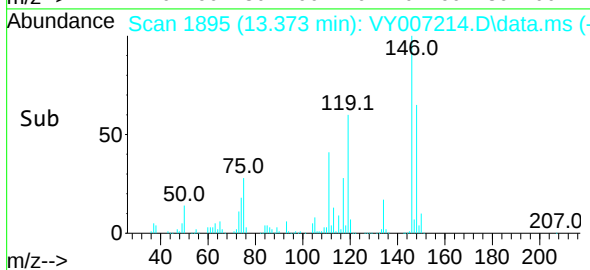
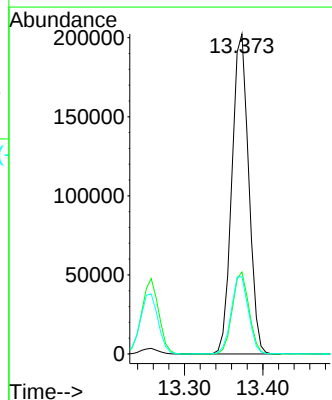
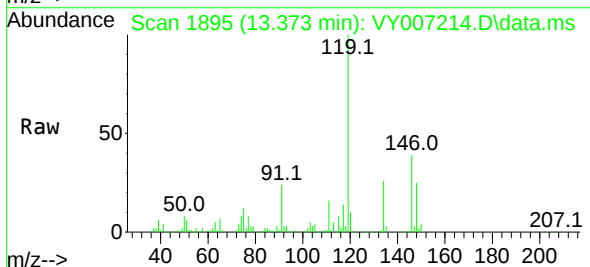
Manual Integrations
 APPROVED

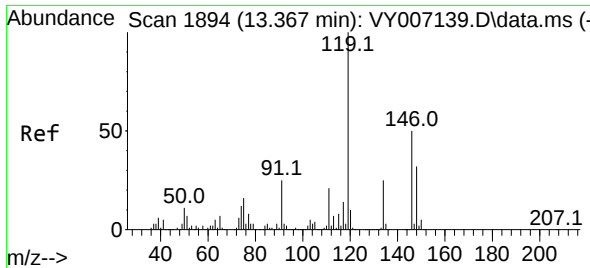
Reviewed By :John Carlone 01/19/2022
 Supervised By :Mahesh Dadoda 01/19/2022



#86
 p-Isopropyltoluene
 Concen: 51.001 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007214.D
 Acq: 18 Jan 2022 17:47

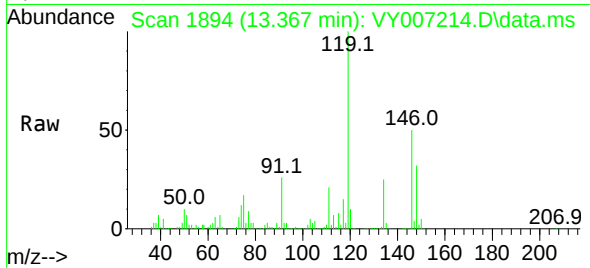
Tgt Ion:119 Resp: 300995
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.670 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

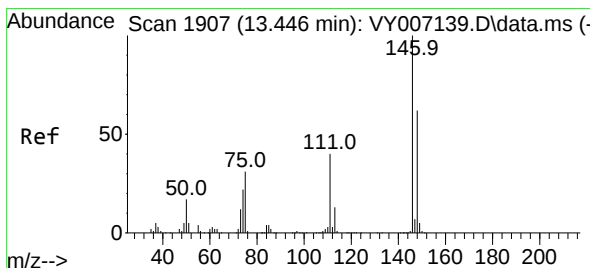
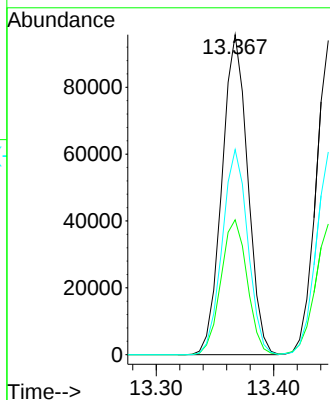
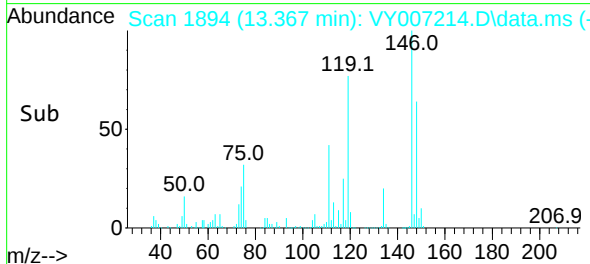
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



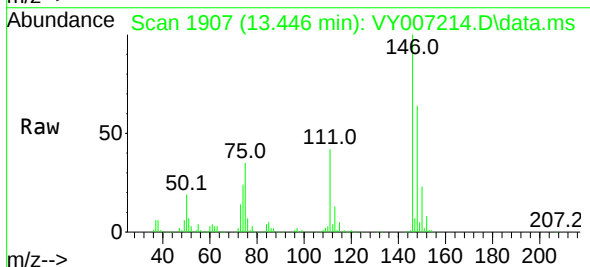
Tgt Ion:146 Resp: 146010
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.1
148 63.7 31.9 95.7

Manual Integrations
APPROVED

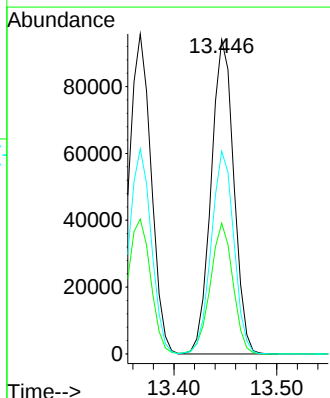
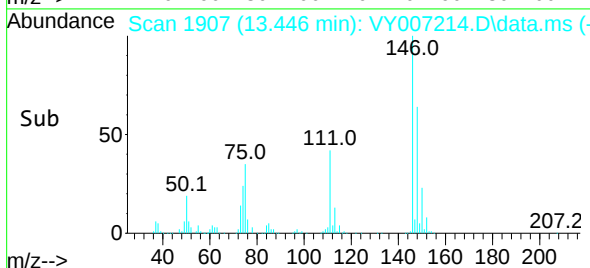
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

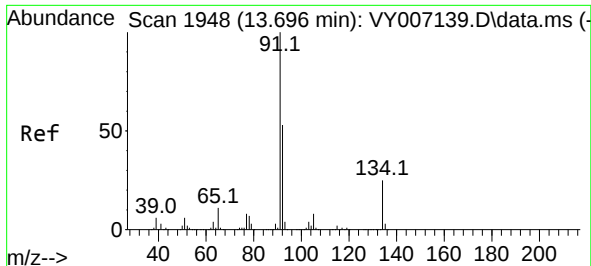


#88
1,4-Dichlorobenzene
Concen: 49.896 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



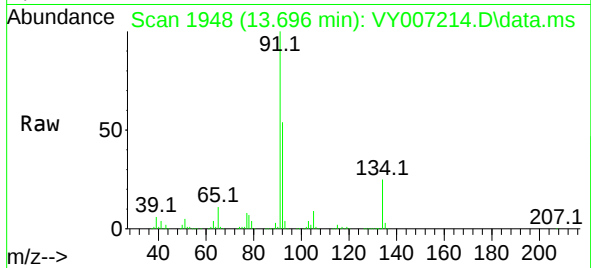
Tgt Ion:146 Resp: 144582
Ion Ratio Lower Upper
146 100
111 41.3 20.7 62.1
148 64.3 32.0 96.2





#89
n-Butylbenzene
Concen: 50.559 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

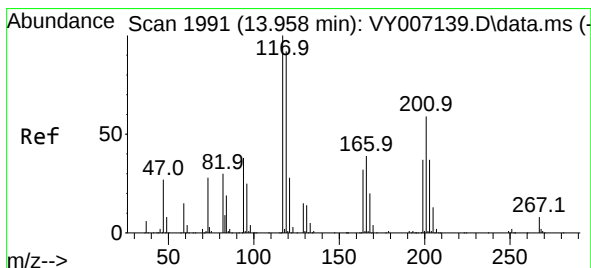
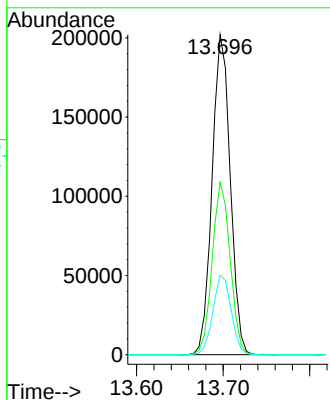
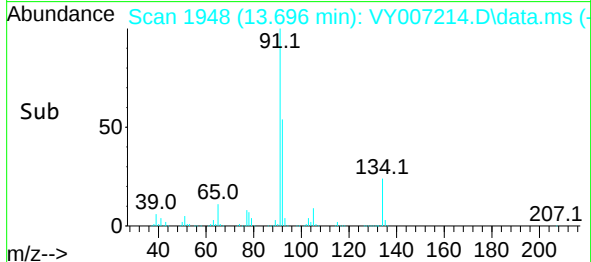
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 293799
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 25.0 12.6 37.6

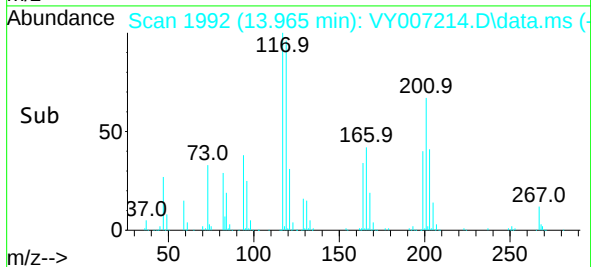
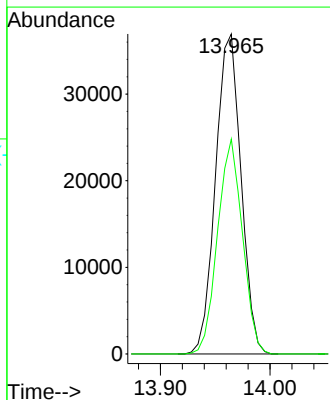
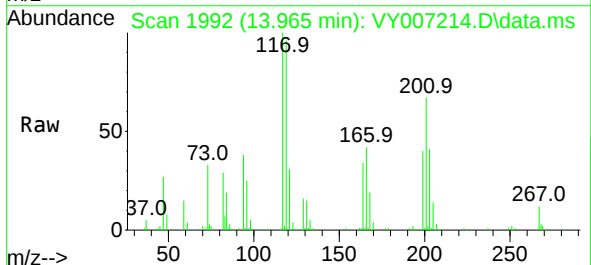
Manual Integrations
APPROVED

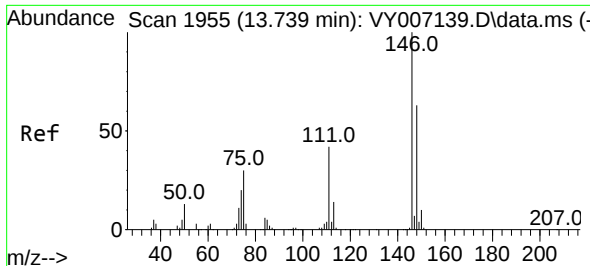
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022



#90
Hexachloroethane
Concen: 51.765 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.007 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

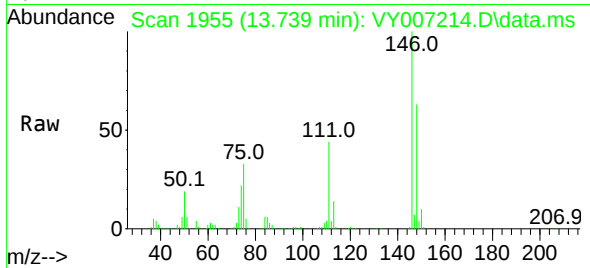
Tgt Ion:117 Resp: 59726
Ion Ratio Lower Upper
117 100
201 65.4 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 49.479 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47

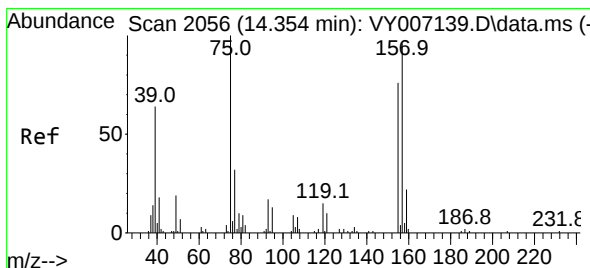
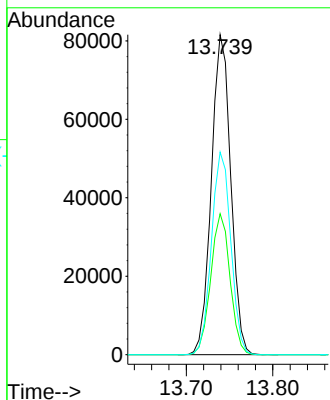
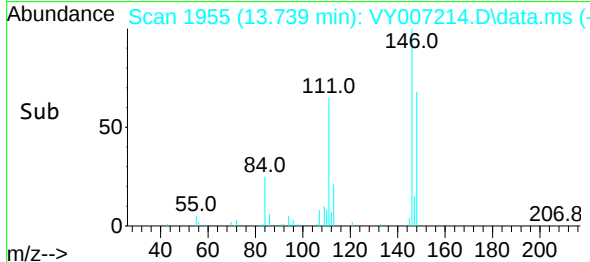
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



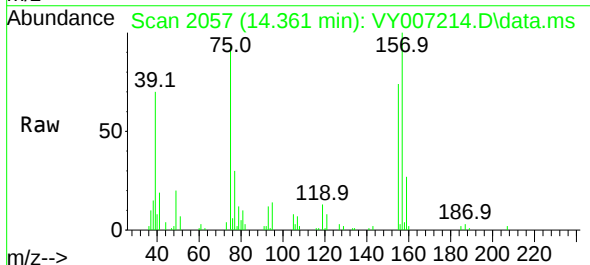
Tgt Ion:146 Resp: 12686
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.3
148 63.3 31.1 93.5

Manual Integrations
APPROVED

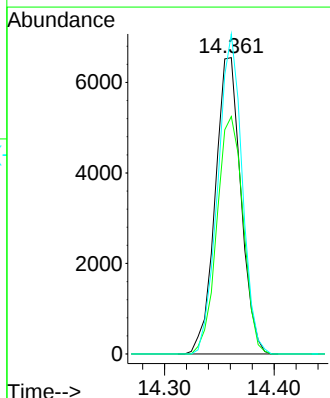
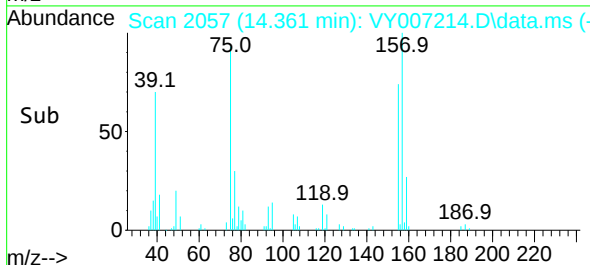
Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/19/2022

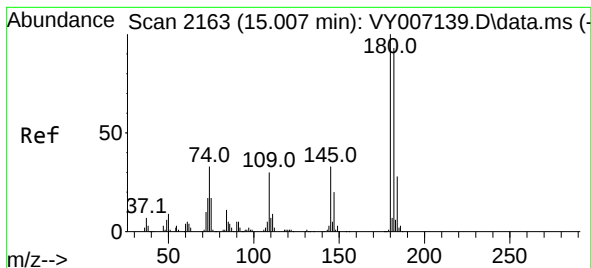


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.990 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007214.D
Acq: 18 Jan 2022 17:47



Tgt Ion: 75 Resp: 10678
Ion Ratio Lower Upper
75 100
155 81.4 40.1 120.2
157 101.8 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 46.989 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

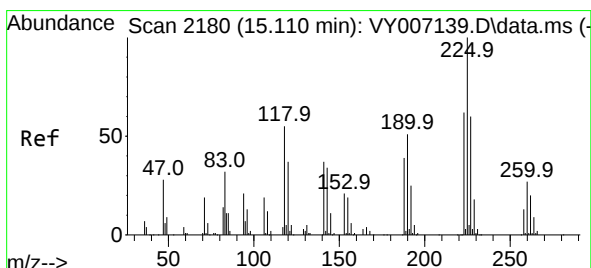
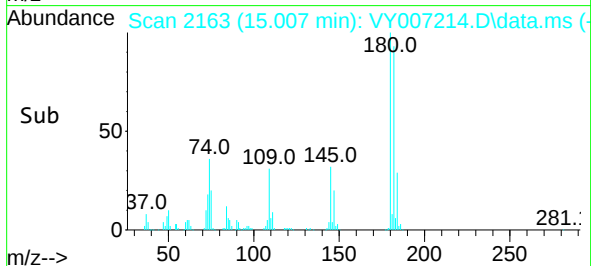
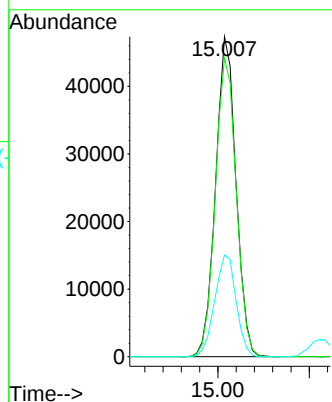
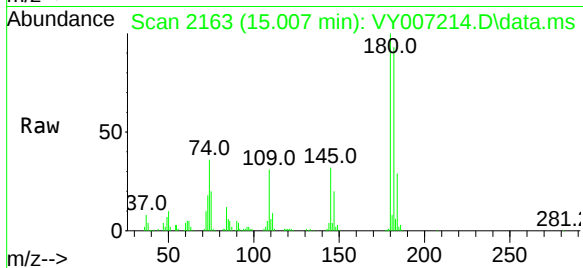
Tgt Ion:180	Resp:	73260
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.6 142.8
145	33.3	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/19/2022

Supervised By :Mahesh Dadoda 01/19/2022



#94

Hexachlorobutadiene

Concen: 47.735 ug/l

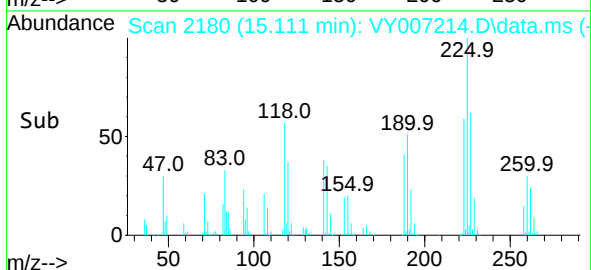
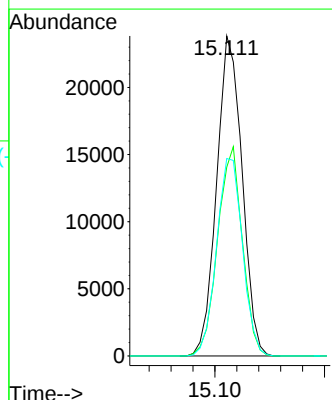
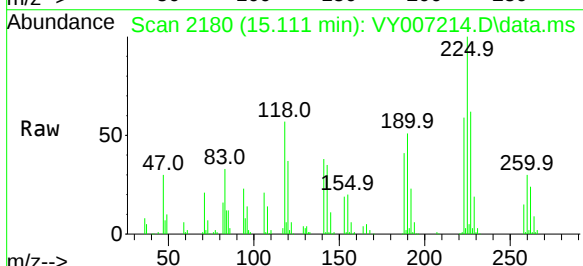
RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Tgt Ion:225	Resp:	38359
Ion Ratio	Lower	Upper
225	100	
223	63.6	32.6 97.8
227	63.1	32.0 96.2





#95

Naphthalene

Concen: 46.734 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 15476

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

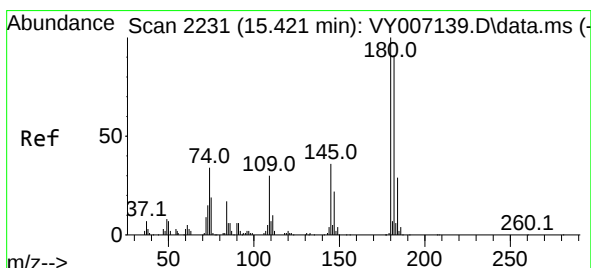
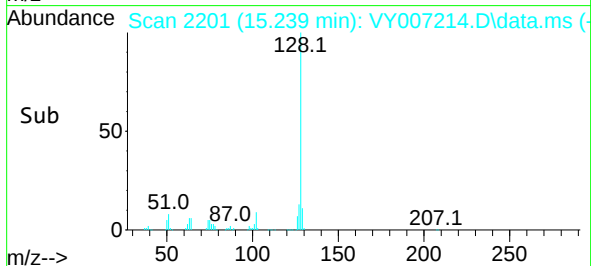
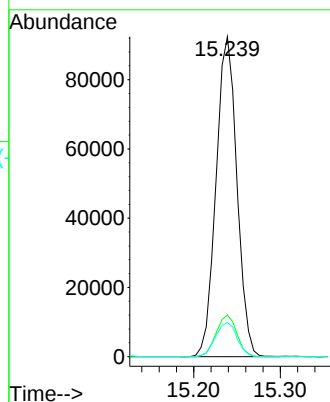
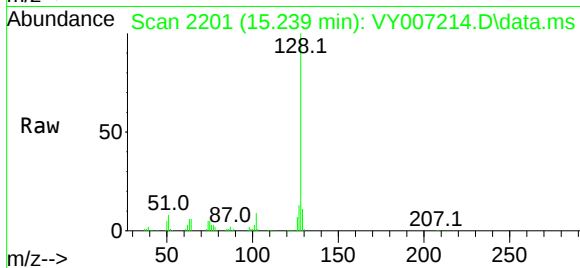
129 11.0 8.9 13.3

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#96

1,2,3-Trichlorobenzene

Concen: 46.405 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007214.D

Acq: 18 Jan 2022 17:47

Tgt Ion:180 Resp: 61729

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 35.3 17.2 51.5

