

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007692.D
 Acq On : 03 Mar 2022 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 00:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	395760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	608203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	545922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	271507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	174635	42.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.300%		
35) Dibromofluoromethane	7.722	113	171666	44.148	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.300%		
50) Toluene-d8	10.179	98	624311	43.617	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.240%		
62) 4-Bromofluorobenzene	12.483	95	203224	44.046	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	126471	48.667	ug/l	100
3) Chloromethane	2.119	50	188041	45.725	ug/l	96
4) Vinyl Chloride	2.253	62	262551	44.221	ug/l	100
5) Bromomethane	2.649	94	212827	44.352	ug/l	98
6) Chloroethane	2.796	64	194723	42.766	ug/l	98
7) Trichlorofluoromethane	3.131	101	324177	47.789	ug/l	92
8) Diethyl Ether	3.533	74	103021	47.197	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	203481	49.139	ug/l	96
10) Methyl Iodide	4.094	142	241375	47.910	ug/l	92
11) Tert butyl alcohol	4.954	59	91119	254.014	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	180532	49.123	ug/l	88
13) Acrolein	3.735	56	68857	221.717	ug/l	99
14) Allyl chloride	4.485	41	267586	48.407	ug/l #	90
15) Acrylonitrile	5.161	53	279193	242.318	ug/l	99
16) Acetone	3.948	43	182680	216.741	ug/l	94
17) Carbon Disulfide	4.198	76	456557	51.488	ug/l	100
18) Methyl Acetate	4.478	43	117064	47.147	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	553574	48.533	ug/l	97
20) Methylene Chloride	4.722	84	204338	50.541	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	209462	48.846	ug/l	87
22) Diisopropyl ether	6.124	45	657957	49.825	ug/l #	93
23) Vinyl Acetate	6.064	43	2170997	259.968	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	395449	49.561	ug/l	99
25) 2-Butanone	6.984	43	343297	242.801	ug/l #	87
26) 2,2-Dichloropropane	6.990	77	372038	52.395	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	249848	49.688	ug/l	90
28) Bromochloromethane	7.338	49	154228	45.451	ug/l #	90
29) Tetrahydrofuran	7.350	42	240825	248.929	ug/l #	84
30) Chloroform	7.508	83	408897	49.465	ug/l	99
31) Cyclohexane	7.789	56	338712	53.323	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	376016	51.111	ug/l	98
36) 1,1-Dichloropropene	7.923	75	316791	51.789	ug/l	99
37) Ethyl Acetate	7.076	43	168167	49.776	ug/l	96
38) Carbon Tetrachloride	7.899	117	343366	52.623	ug/l	96
39) Methylcyclohexane	9.185	83	378863	50.397	ug/l	91
40) Benzene	8.161	78	871884	51.217	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	77771m	48.171	ug/l	
42) 1,2-Dichloroethane	8.240	62	267705	50.397	ug/l	95
43) Isopropyl Acetate	8.270	43	319354	51.113	ug/l #	93
44) Trichloroethene	8.941	130	242272	51.243	ug/l	100
45) 1,2-Dichloropropane	9.215	63	224616	51.022	ug/l	97
46) Dibromomethane	9.307	93	131646	49.818	ug/l	97
47) Bromodichloromethane	9.496	83	322917	52.100	ug/l	98
48) Methyl methacrylate	9.295	41	138185	51.025	ug/l #	83
49) 1,4-Dioxane	9.301	88	33650	1054.776	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	862249	257.923	ug/l	90
52) Toluene	10.246	92	570758	51.853	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	329942	51.849	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	370337	52.675	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	186882	51.984	ug/l	99
56) Ethyl methacrylate	10.508	69	250840	52.555	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	316405	52.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	629200	241.727	ug/l	97
59) 2-Hexanone	10.831	43	605457	268.938	ug/l	87
60) Dibromochloromethane	10.983	129	231640	54.113	ug/l	100
61) 1,2-Dibromoethane	11.087	107	176328	51.459	ug/l	100
64) Tetrachloroethene	10.721	164	205011	50.662	ug/l	99
65) Chlorobenzene	11.520	112	615378	51.740	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	238597	53.645	ug/l	97
67) Ethyl Benzene	11.593	91	1132585	52.804	ug/l	99
68) m/p-Xylenes	11.703	106	871618	105.910	ug/l	92
69) o-Xylene	12.032	106	416978	53.467	ug/l	92
70) Styrene	12.044	104	697425	53.408	ug/l	96
71) Bromoform	12.209	173	149993	54.161	ug/l #	98
73) Isopropylbenzene	12.331	105	1134086	53.616	ug/l	100
74) N-amyl acetate	12.142	43	292479	51.945	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	230928	52.055	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	142281m	46.925	ug/l	
77) Bromobenzene	12.611	156	256278	52.602	ug/l	93
78) n-propylbenzene	12.672	91	1367128	53.563	ug/l	99
79) 2-Chlorotoluene	12.757	91	721457	52.823	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	906204	53.580	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	77089	51.977	ug/l	90
82) 4-Chlorotoluene	12.855	91	741745	52.799	ug/l	95
83) tert-Butylbenzene	13.074	119	824989	53.030	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	891181	53.494	ug/l	96
85) sec-Butylbenzene	13.257	105	1255424	54.552	ug/l	100
86) p-Isopropyltoluene	13.367	119	1032674	54.330	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	523677	54.015	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	509435	53.240	ug/l	98
89) n-Butylbenzene	13.696	91	972183	54.117	ug/l	100
90) Hexachloroethane	13.958	117	196303	54.484	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	456093	52.981	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33658	50.098	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	286318	52.535	ug/l	99
94) Hexachlorobutadiene	15.111	225	169960	52.746	ug/l	98
95) Naphthalene	15.239	128	561317	50.627	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	250871	51.648	ug/l	99

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

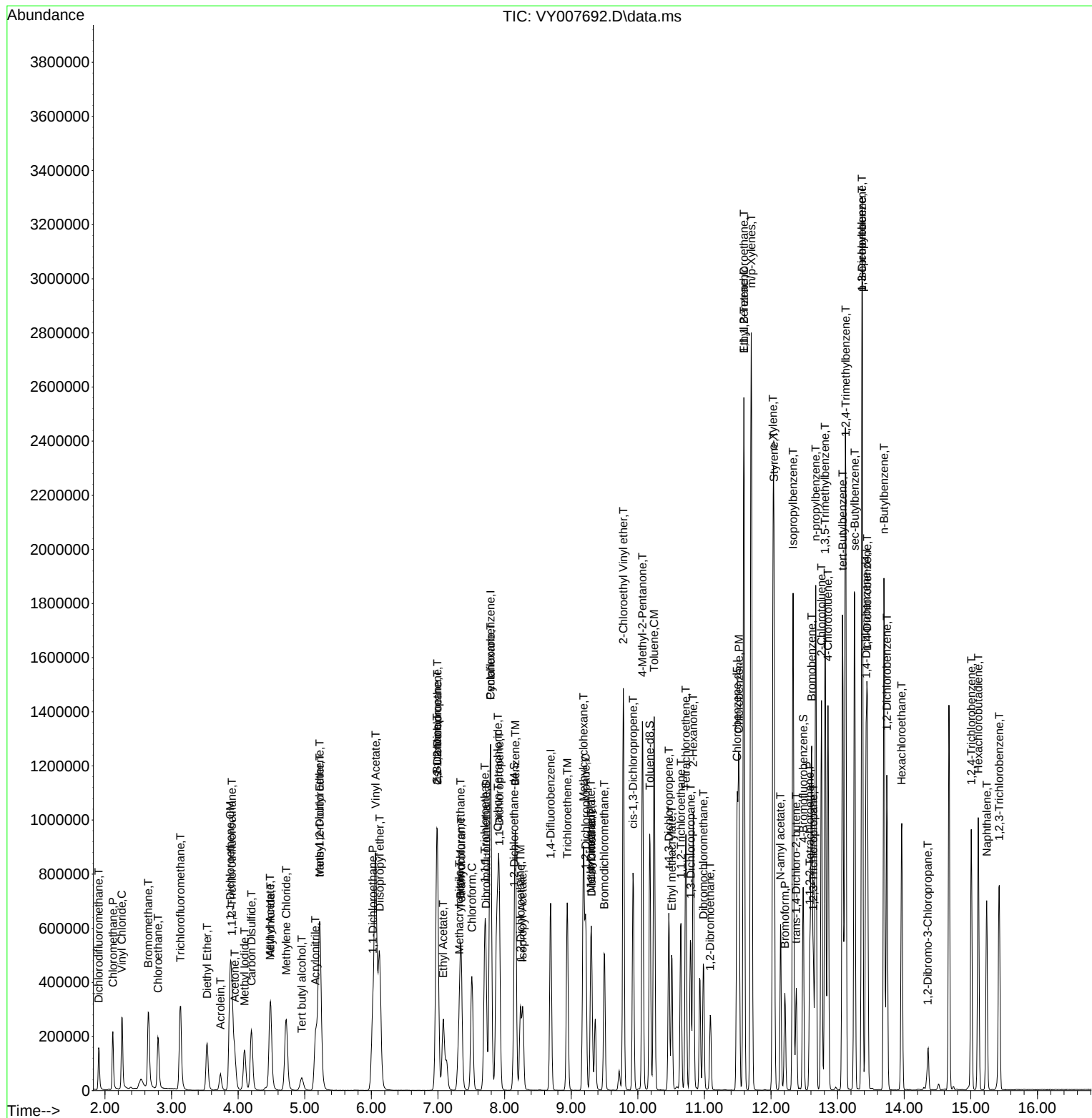
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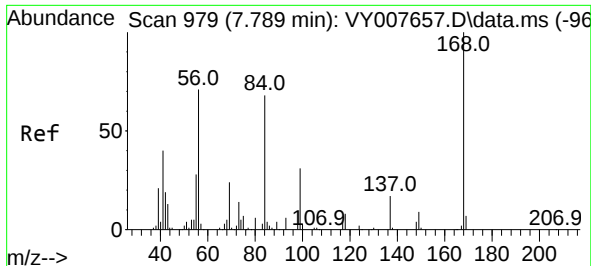
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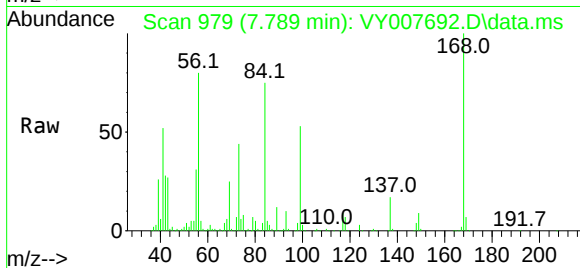
Reviewed By : John Carlone 03/04/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007692.D
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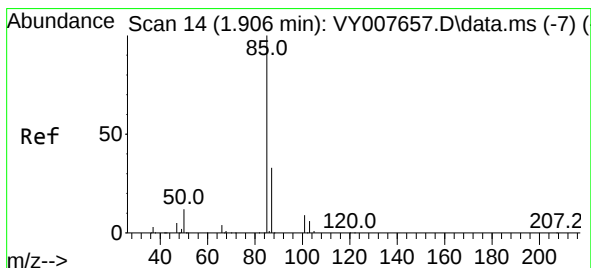
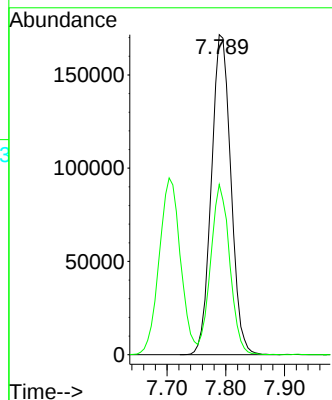
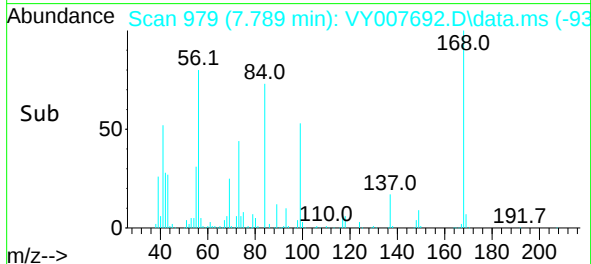
Instrument :
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Tgt Ion:168 Resp: 395760
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3

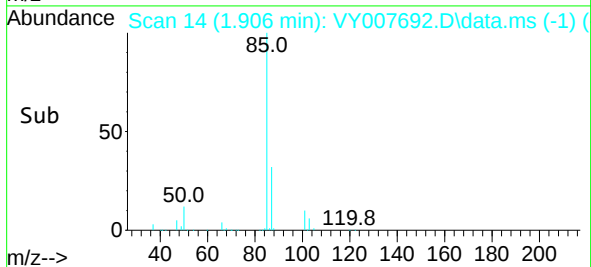
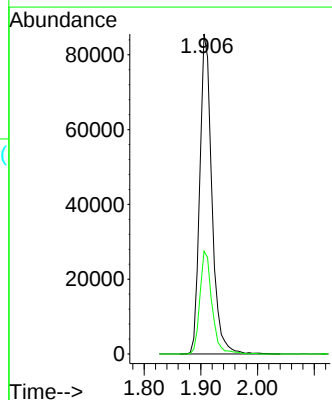
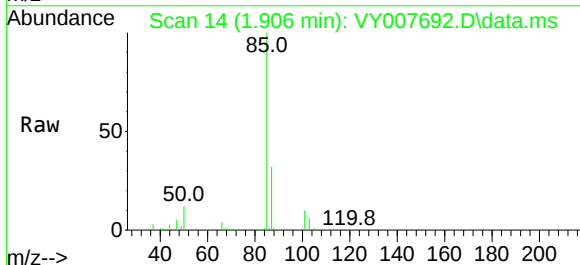
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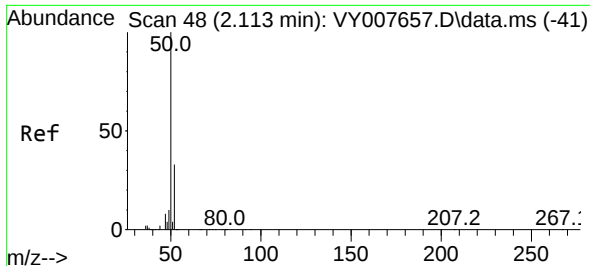
Reviewed By :John Carlone 03/04/2022
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#2
Dichlorodifluoromethane
Concen: 48.667 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

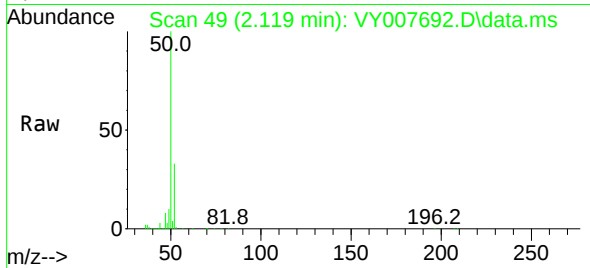
Tgt Ion: 85 Resp: 126471
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3
Chloromethane
Concen: 45.725 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

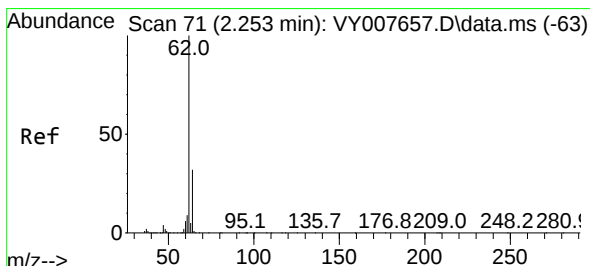
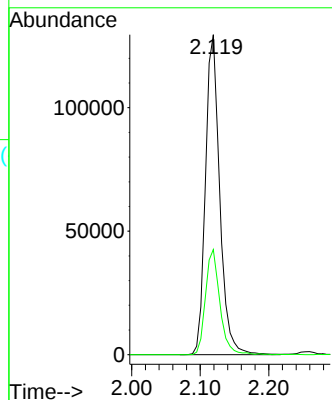
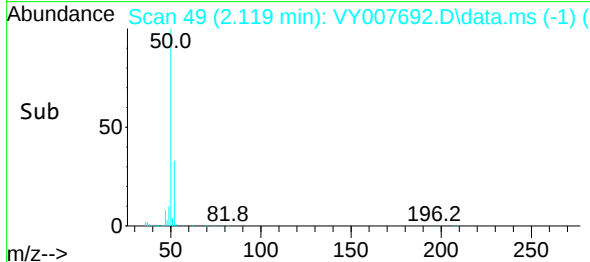
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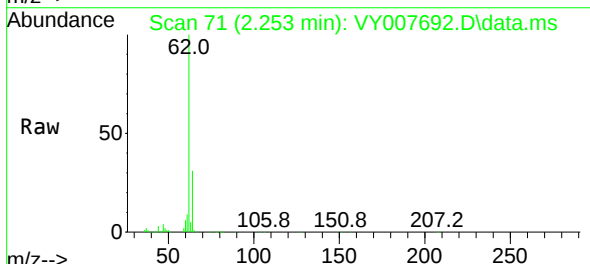
Tgt Ion: 50 Resp: 18804
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0

Manual Integrations
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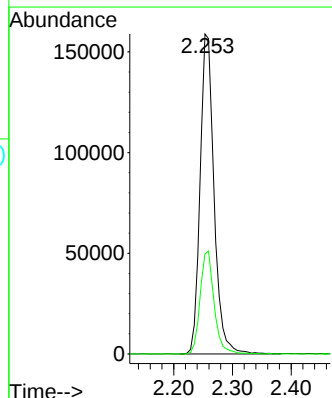
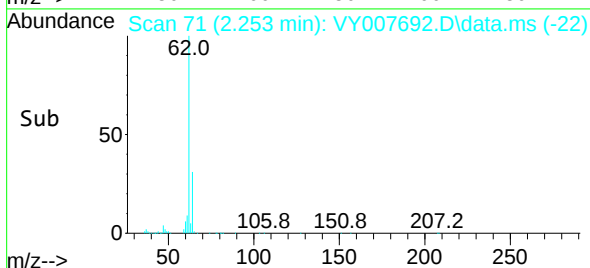
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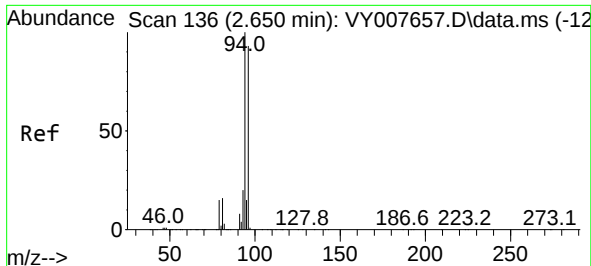


#4
Vinyl Chloride
Concen: 44.221 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



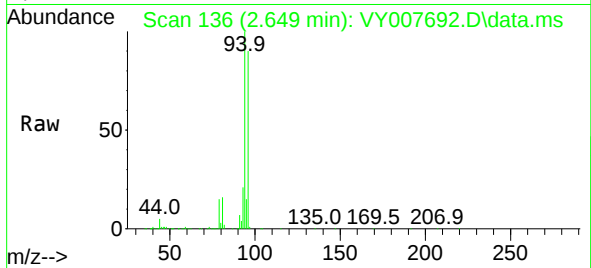
Tgt Ion: 62 Resp: 262551
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 44.352 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

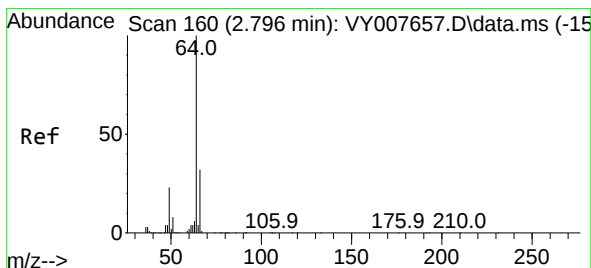
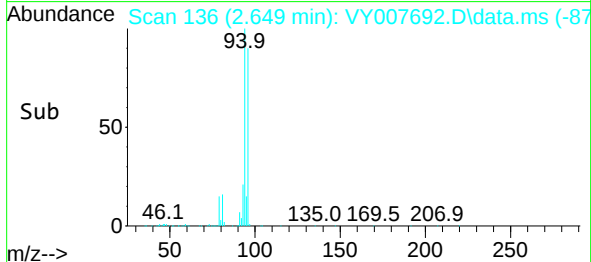
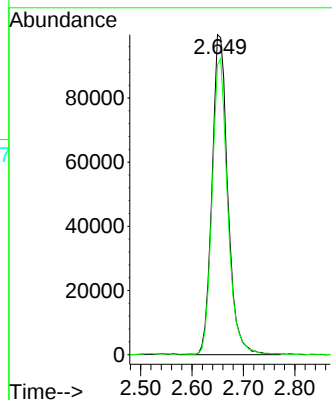
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Tgt Ion: 94 Resp: 21282
Ion Ratio Lower Upper
94 100
96 90.3 73.5 110.3

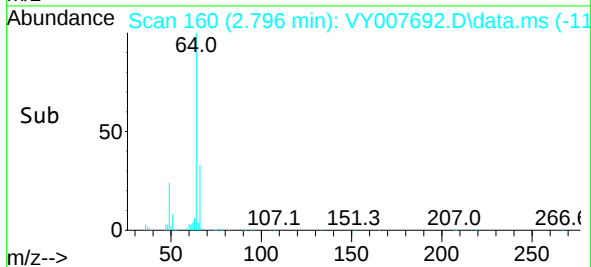
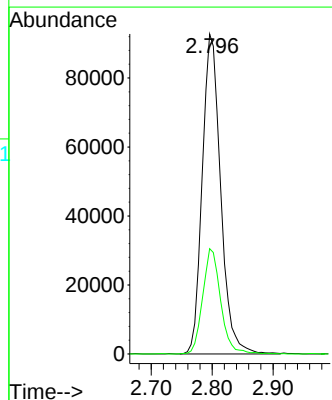
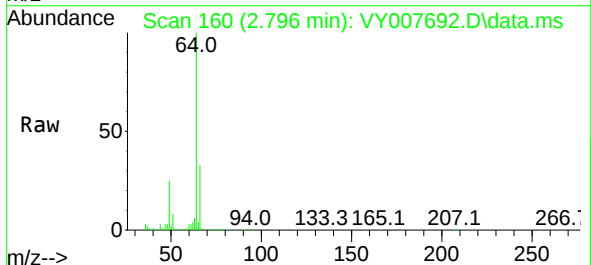
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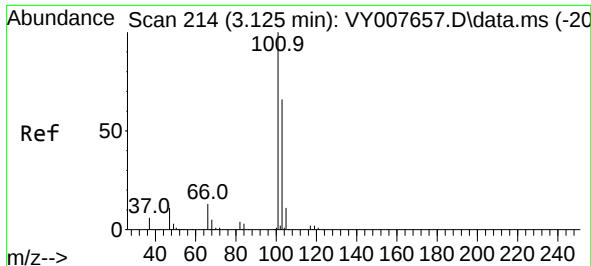
Reviewed By :John Carlone 03/04/2022
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#6
Chloroethane
Concen: 42.766 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

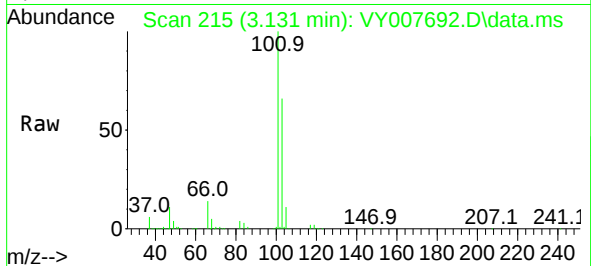
Tgt Ion: 64 Resp: 194723
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 47.789 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30

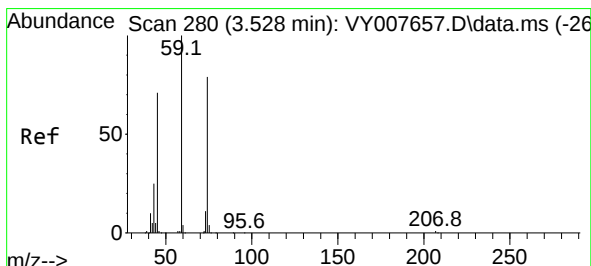
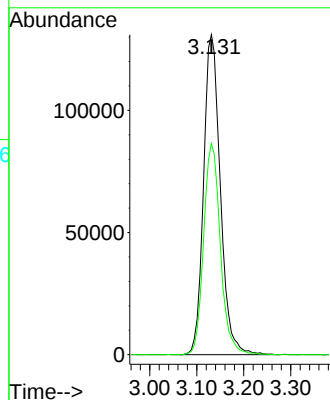
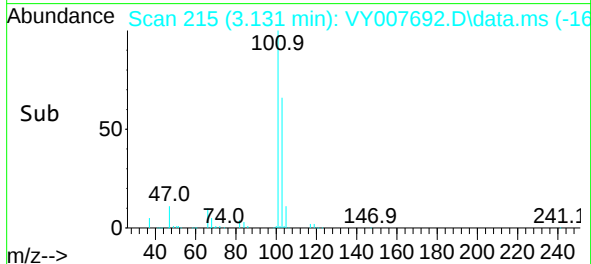
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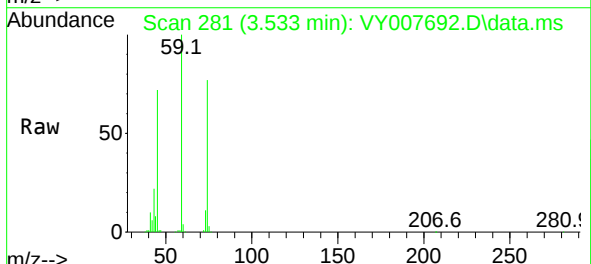
Tgt Ion:101 Resp: 32417
 Ion Ratio Lower Upper
 101 100
 103 66.0 48.0 72.0

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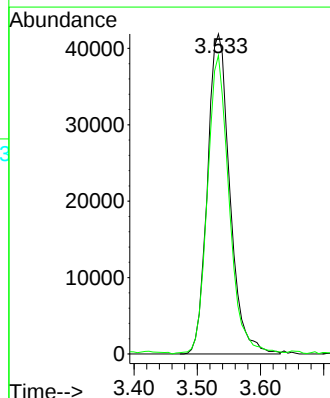
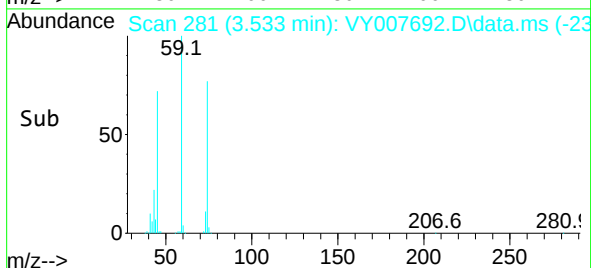
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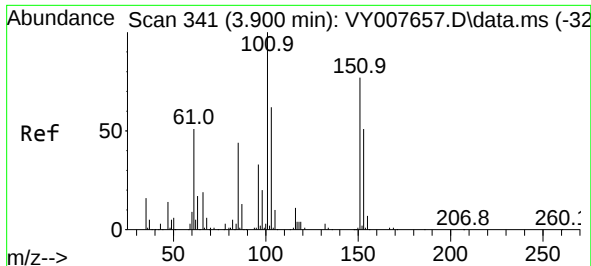


#8
 Diethyl Ether
 Concen: 47.197 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.005 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30



Tgt Ion: 74 Resp: 103021
 Ion Ratio Lower Upper
 74 100
 45 91.0 55.1 165.5





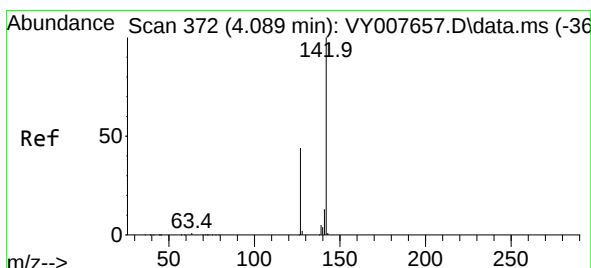
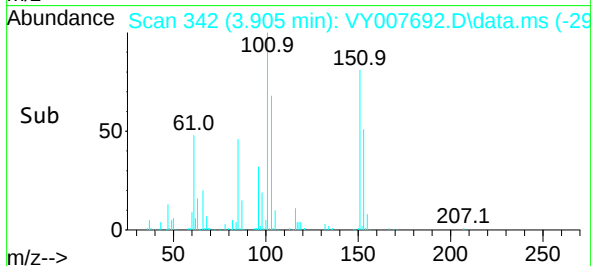
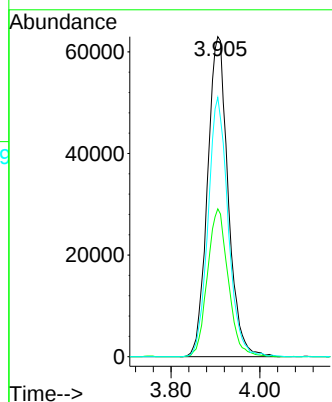
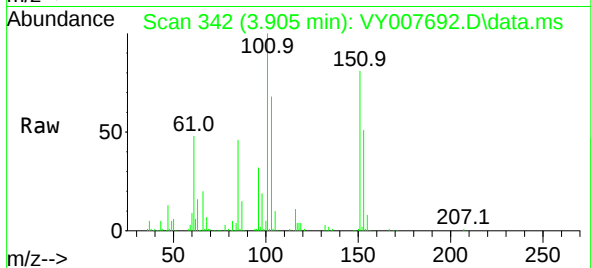
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.139 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20348
Ion Ratio Lower Upper
101 100
85 46.5 40.6 60.8
151 78.7 64.9 97.3

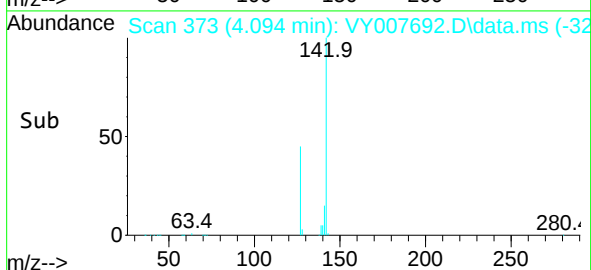
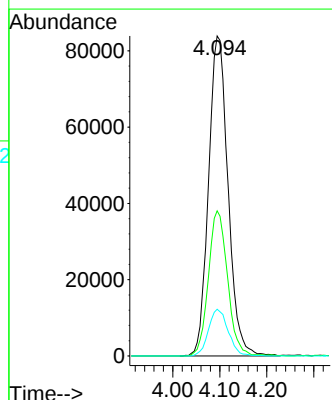
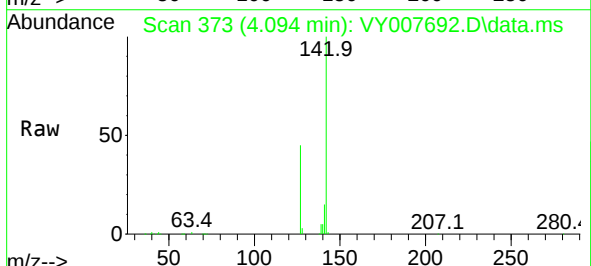
Manual Integrations
APPROVED

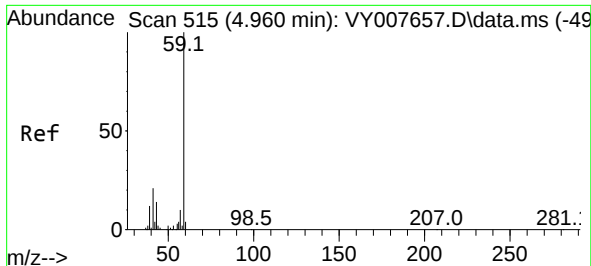
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#10
Methyl Iodide
Concen: 47.910 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

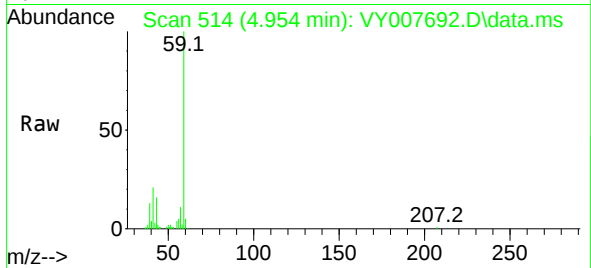
Tgt Ion:142 Resp: 241375
Ion Ratio Lower Upper
142 100
127 44.6 41.5 62.3
141 14.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 254.014 ug/l
RT: 4.954 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

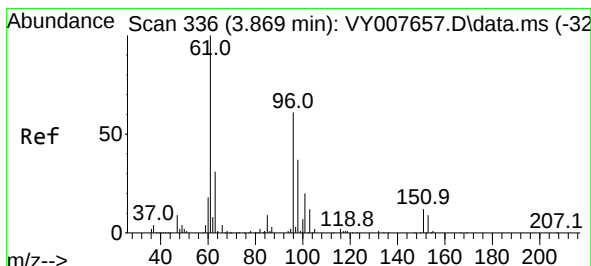
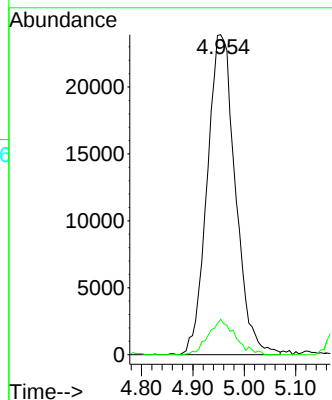
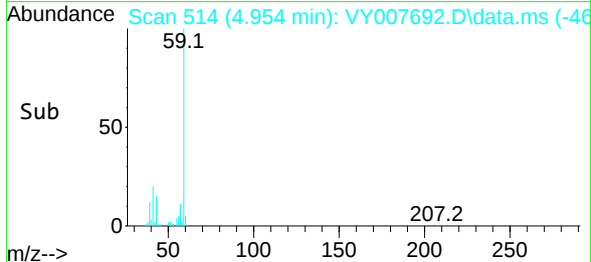
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



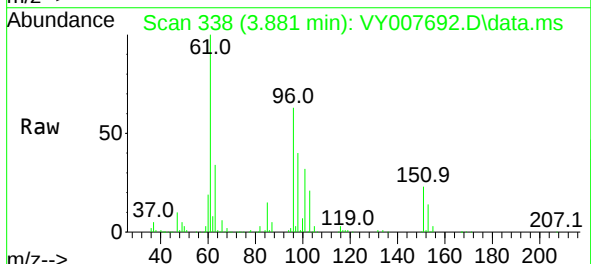
Tgt Ion: 59 Resp: 91119
Ion Ratio Lower Upper
59 100
57 10.5 6.4 9.6

Manual Integrations
APPROVED

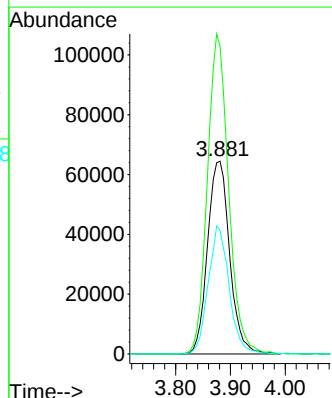
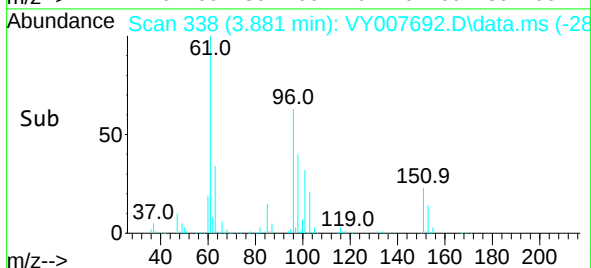
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

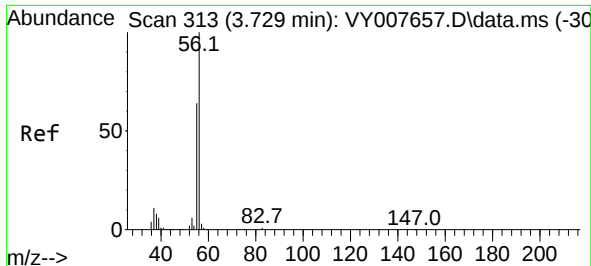


#12
1,1-Dichloroethene
Concen: 49.123 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



Tgt Ion: 96 Resp: 180532
Ion Ratio Lower Upper
96 100
61 159.7 145.8 218.6
98 64.1 52.5 78.7





#13

Acrolein

Concen: 221.717 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6885

Ion Ratio Lower Upper

56 100

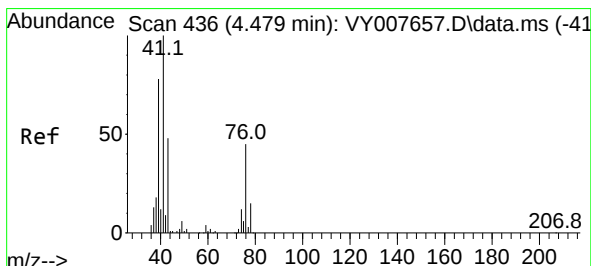
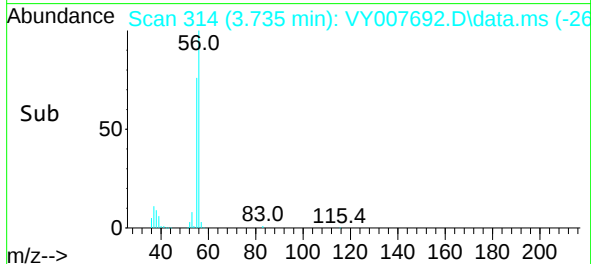
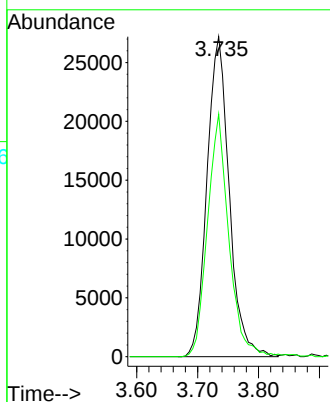
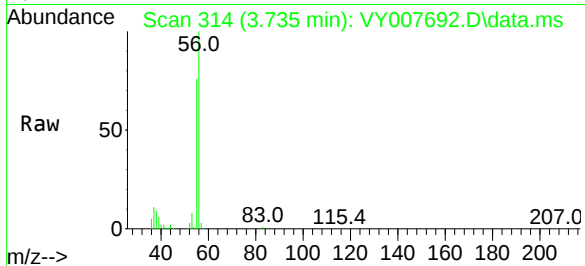
55 72.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#14

Allyl chloride

Concen: 48.407 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

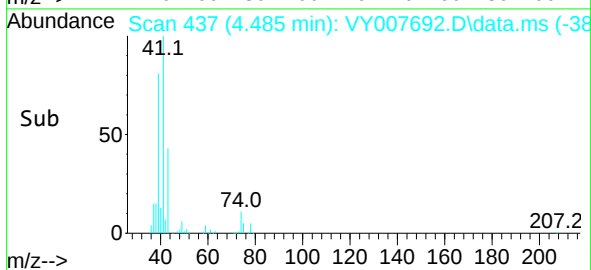
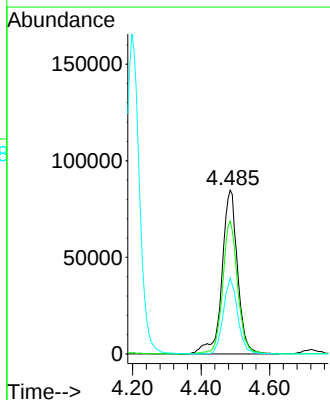
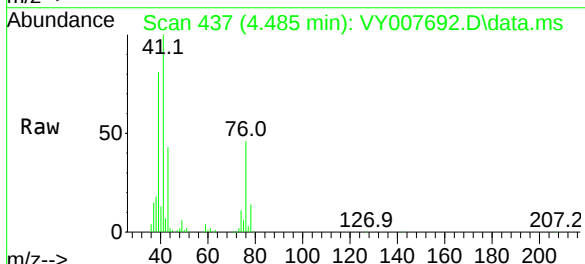
Tgt Ion: 41 Resp: 267586

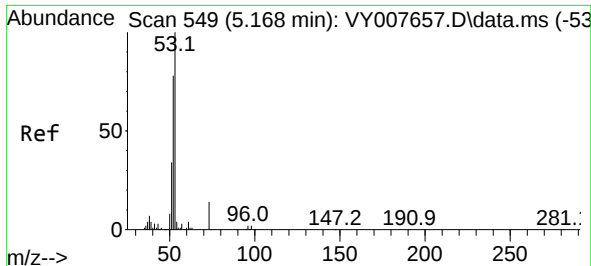
Ion Ratio Lower Upper

41 100

39 77.9 58.8 88.2

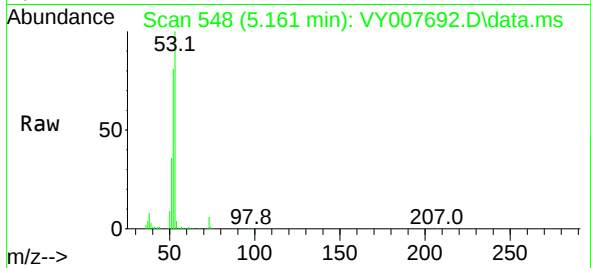
76 42.6 25.1 37.7#





#15
Acrylonitrile
Concen: 242.318 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.007 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

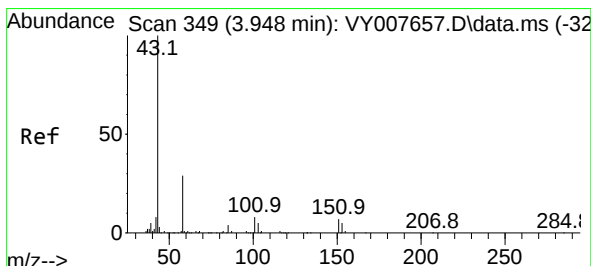
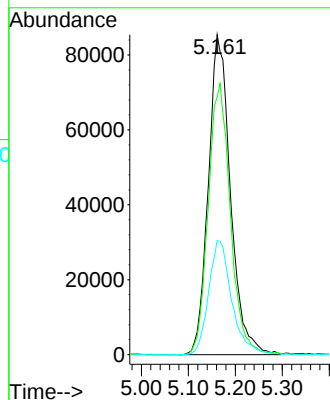
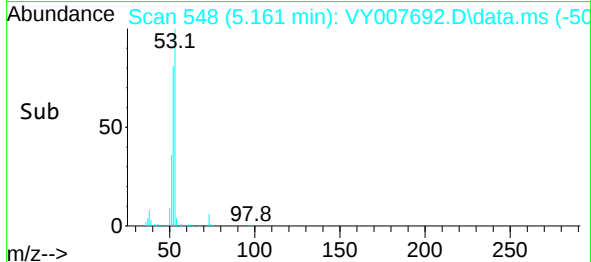
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



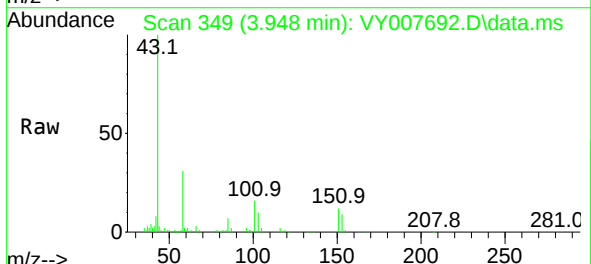
Tgt Ion: 53 Resp: 27919
Ion Ratio Lower Upper
53 100
52 84.9 67.0 100.4
51 37.4 29.8 44.6

Manual Integrations
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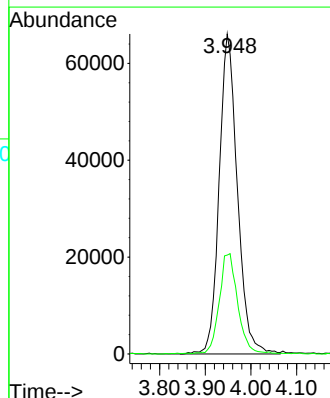
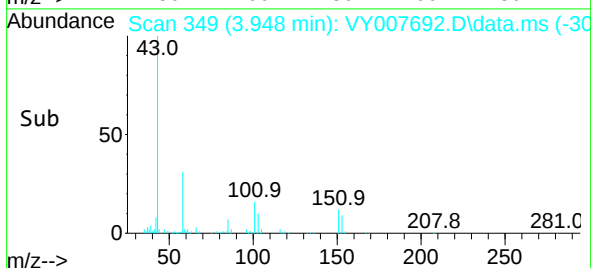
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

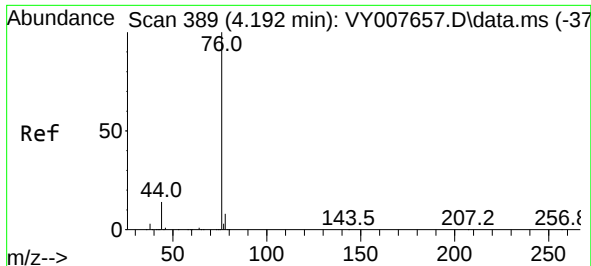


#16
Acetone
Concen: 216.741 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



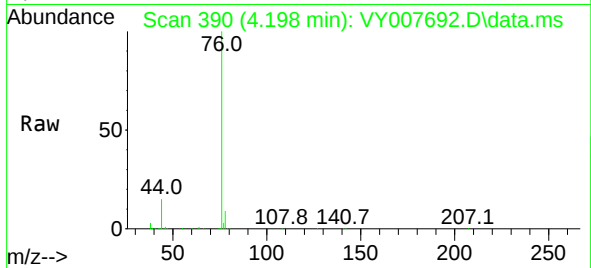
Tgt Ion: 43 Resp: 182680
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0





#17
Carbon Disulfide
Concen: 51.488 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

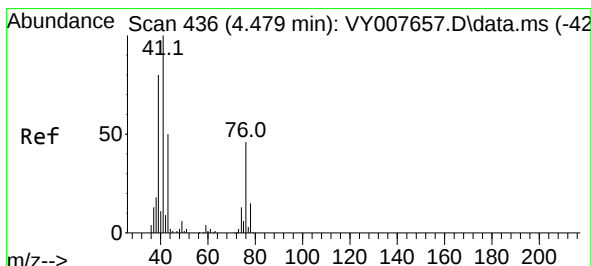
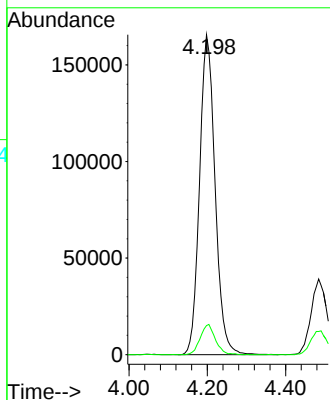
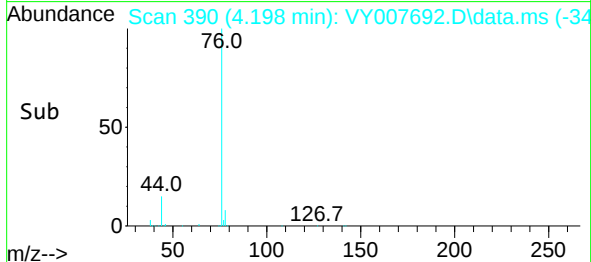
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 45655
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

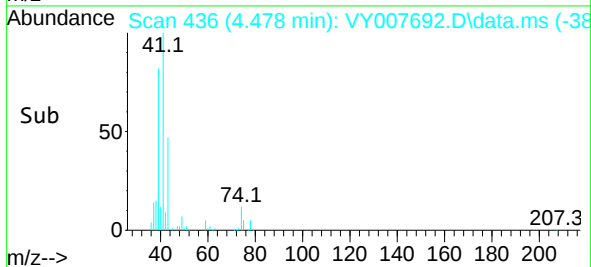
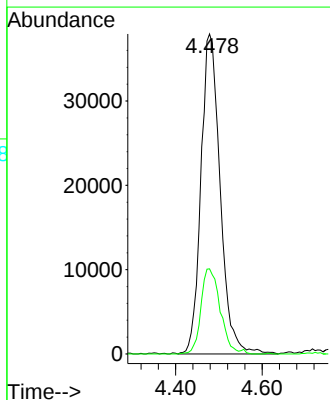
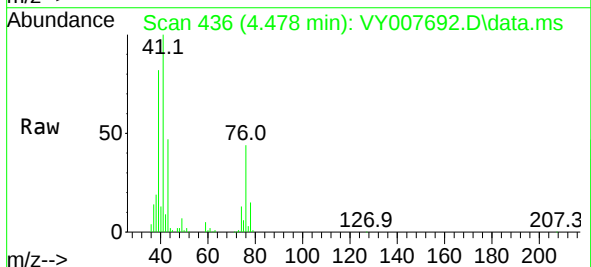
Manual Integrations
APPROVED

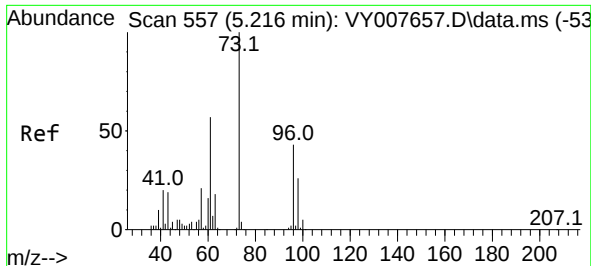
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#18
Methyl Acetate
Concen: 47.147 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

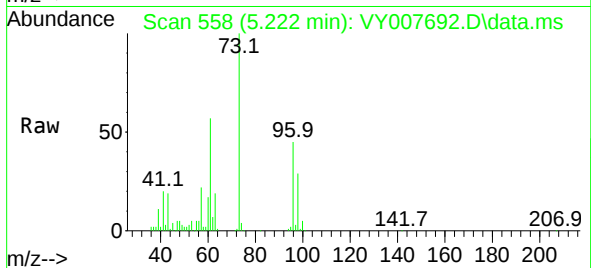
Tgt Ion: 43 Resp: 117064
Ion Ratio Lower Upper
43 100
74 26.4 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 48.533 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

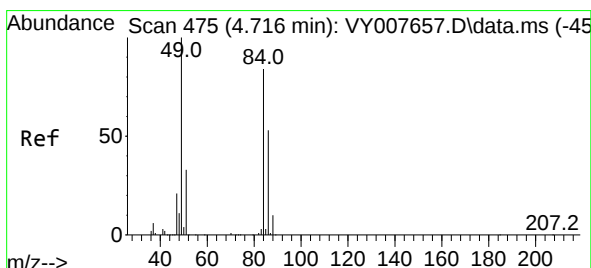
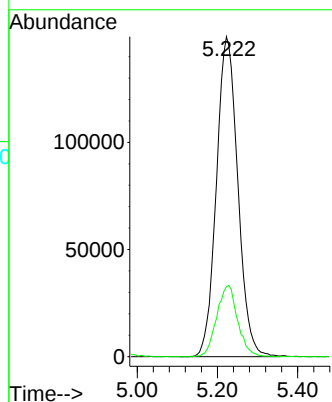
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 553574
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8

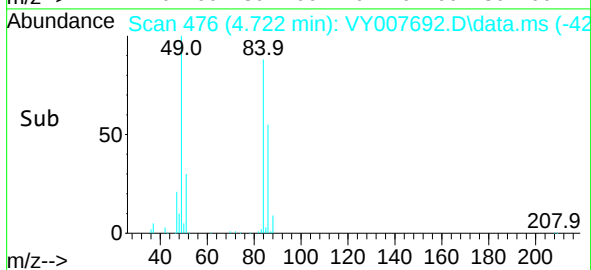
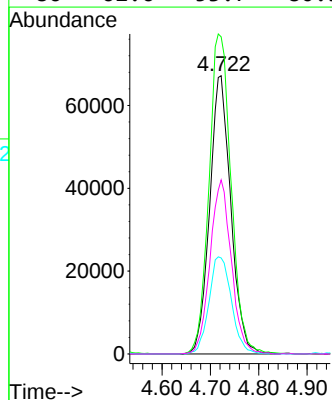
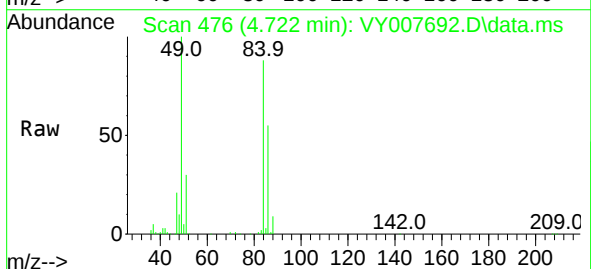
Manual Integrations
APPROVED

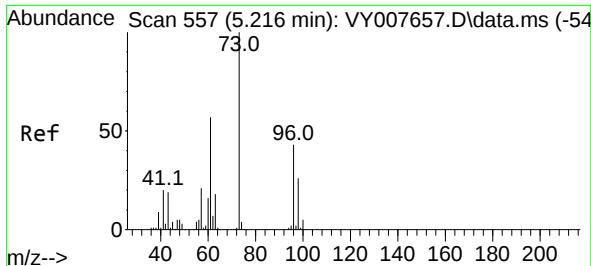
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#20
Methylene Chloride
Concen: 50.541 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

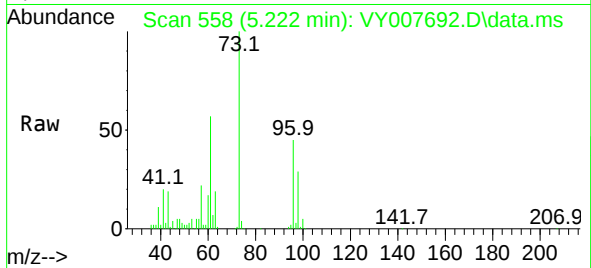
Tgt Ion: 84 Resp: 204338
Ion Ratio Lower Upper
84 100
49 114.0 114.4 171.6#
51 34.5 35.3 52.9#
86 62.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 48.846 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

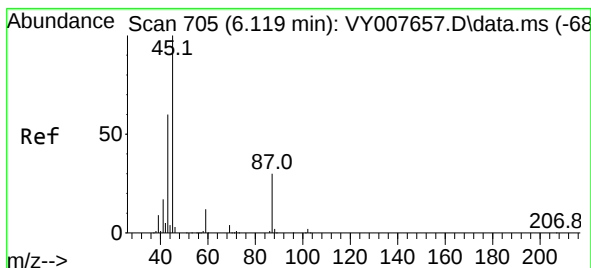
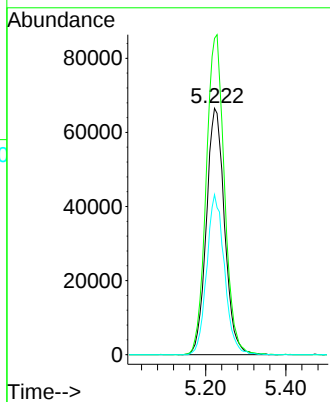
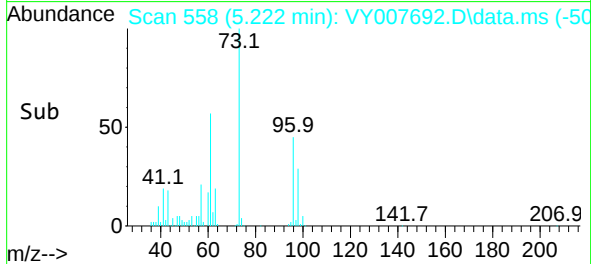
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



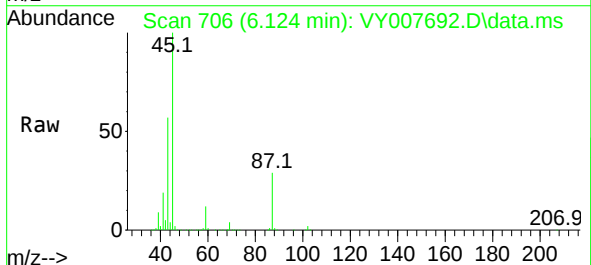
Tgt Ion: 96 Resp: 209462
Ion Ratio Lower Upper
96 100
61 128.4 120.5 180.7
98 64.9 49.8 74.8

Manual Integrations
APPROVED

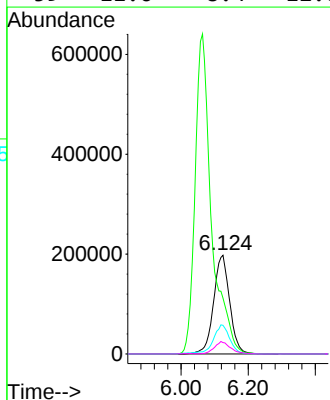
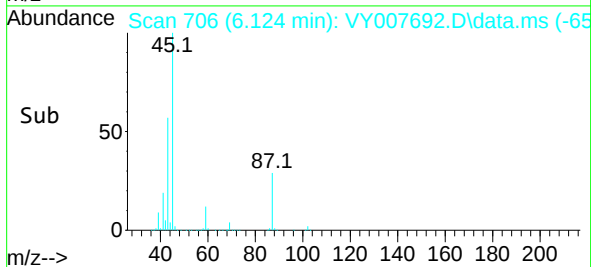
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

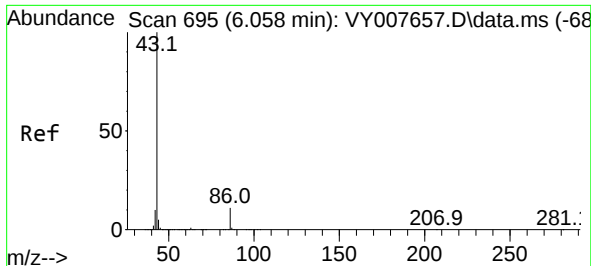


#22
Diisopropyl ether
Concen: 49.825 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



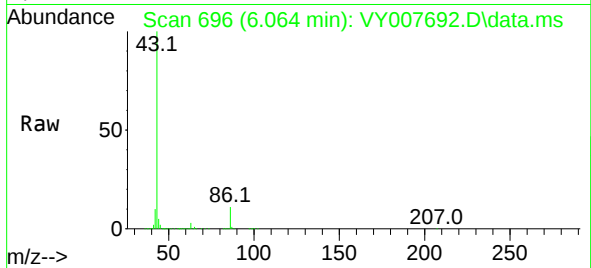
Tgt Ion: 45 Resp: 657957
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 29.1 19.2 28.8#
59 11.6 8.4 12.6





#23
 Vinyl Acetate
 Concen: 259.968 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30

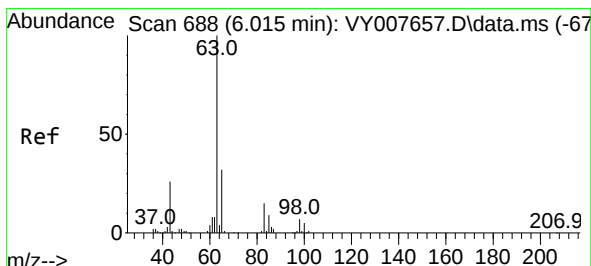
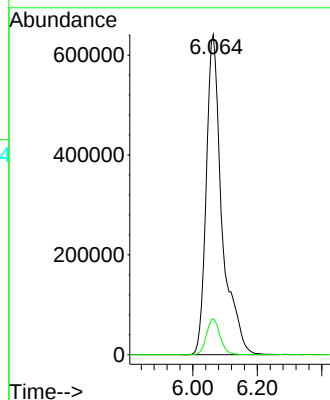
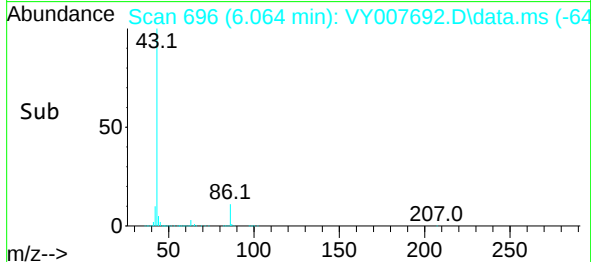
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



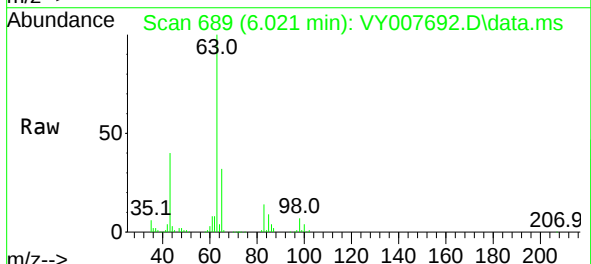
Tgt Ion: 43 Resp: 217099
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

Manual Integrations
 APPROVED

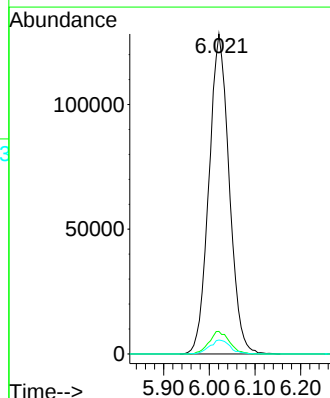
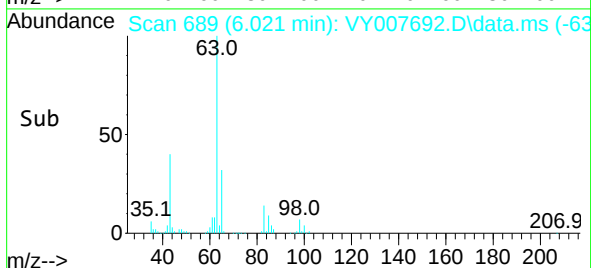
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

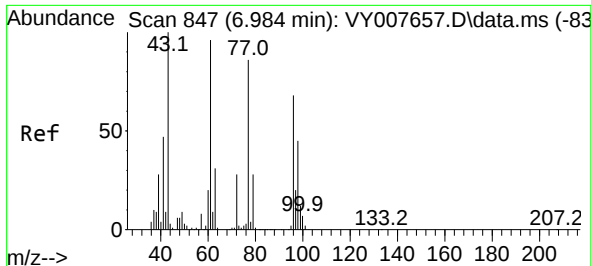


#24
 1,1-Dichloroethane
 Concen: 49.561 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30



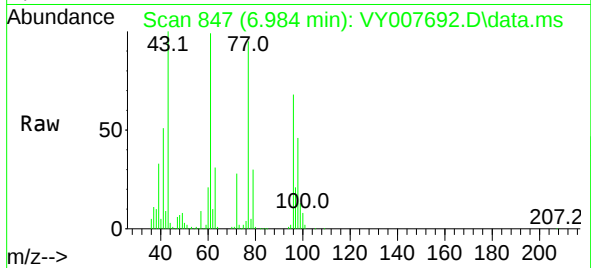
Tgt Ion: 63 Resp: 395449
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.3 2.0 5.8





#25
2-Butanone
Concen: 242.801 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

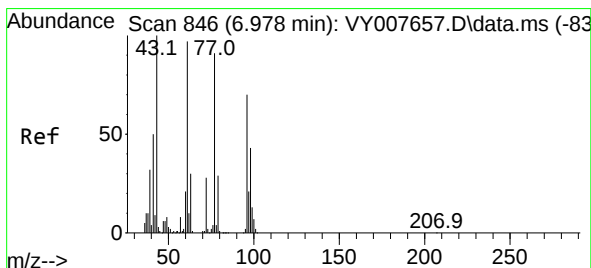
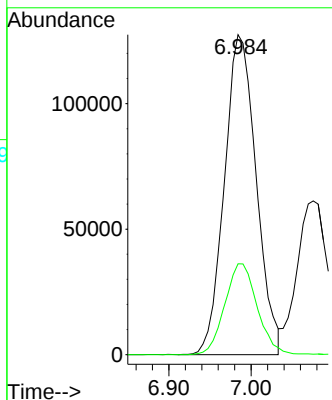
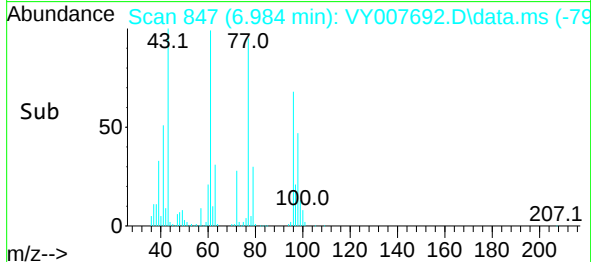
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 343297
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5

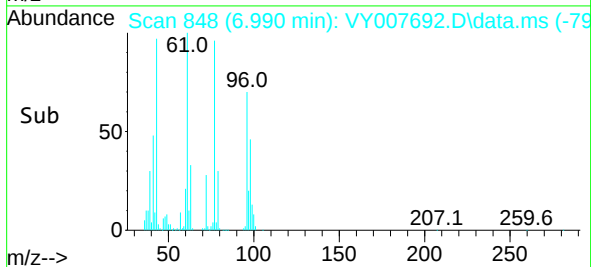
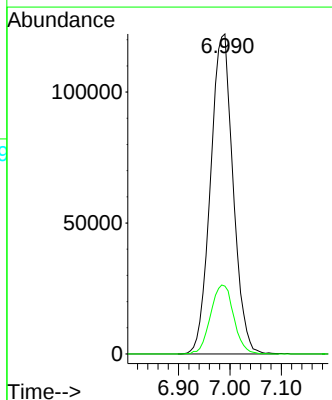
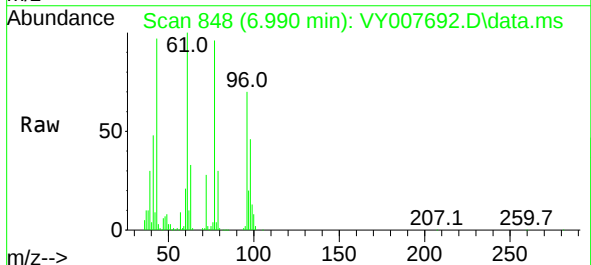
Manual Integrations
APPROVED

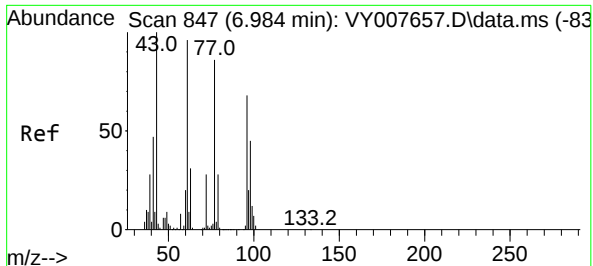
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#26
2,2-Dichloropropane
Concen: 52.395 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Tgt Ion: 77 Resp: 372038
Ion Ratio Lower Upper
77 100
97 22.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.688 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 24984

Ion Ratio Lower Upper

96 100

61 143.0 0.0 319.8

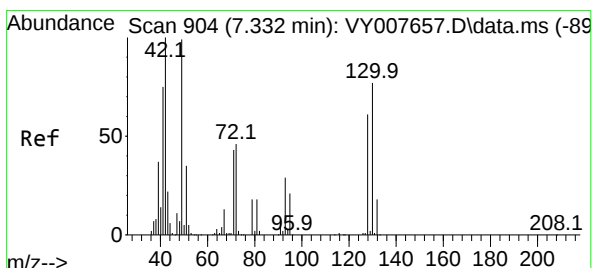
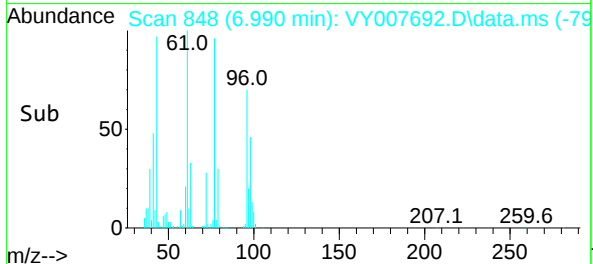
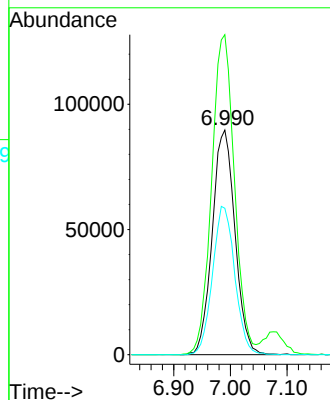
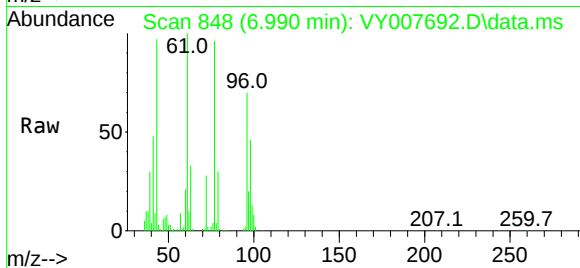
98 64.7 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#28

Bromochloromethane

Concen: 45.451 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

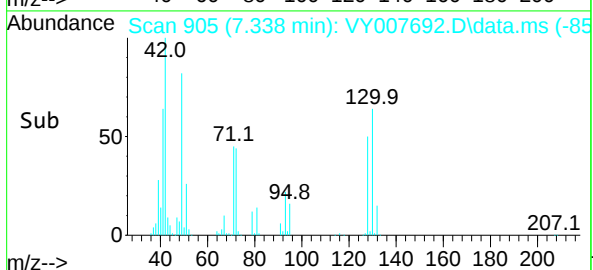
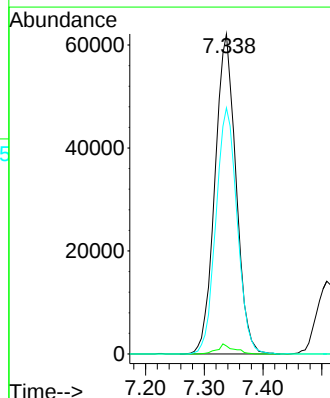
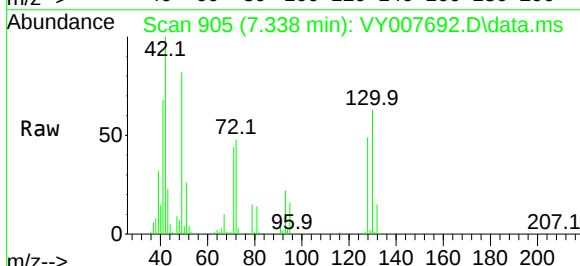
Tgt Ion: 49 Resp: 154228

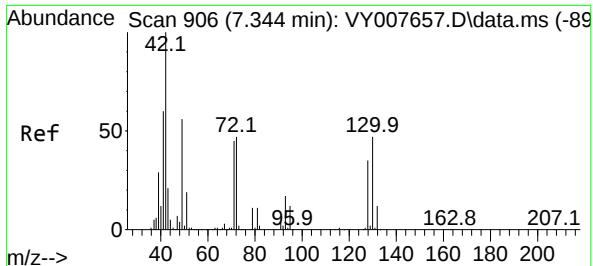
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 77.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 248.929 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

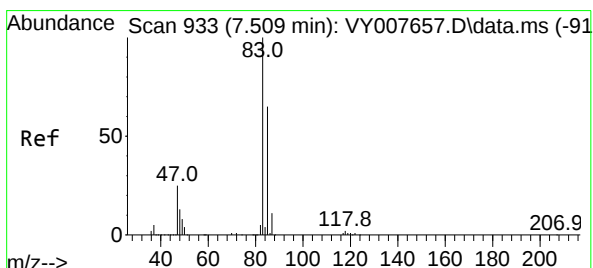
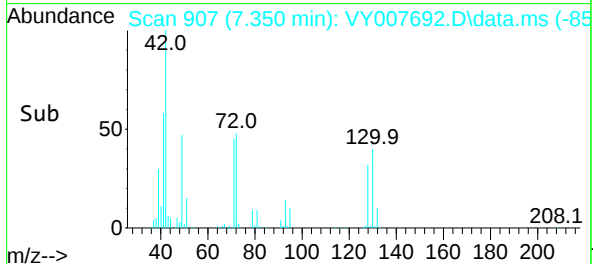
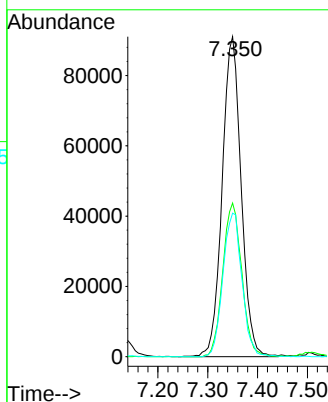
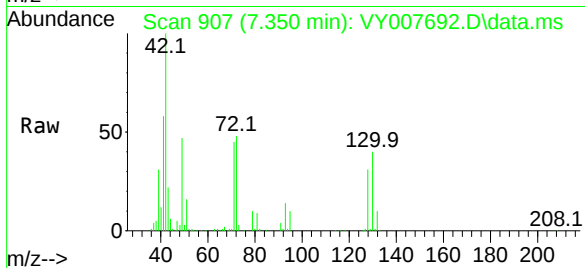
Tgt Ion: 42 Resp: 240825
 Ion Ratio Lower Upper
 42 100
 72 48.1 30.3 45.5
 71 45.0 29.0 43.4

Manual Integrations

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Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#30

Chloroform

Concen: 49.465 ug/l

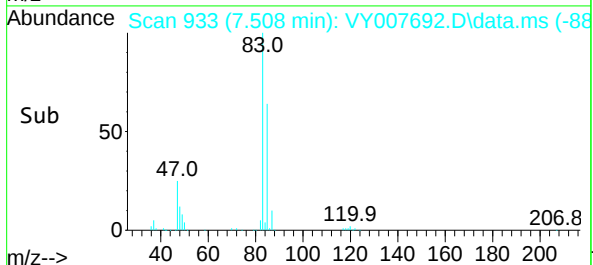
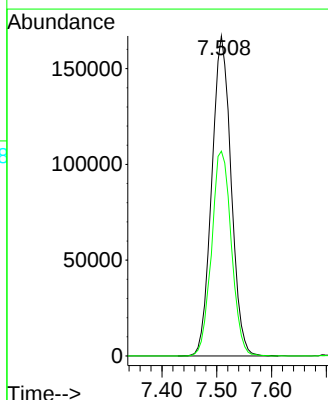
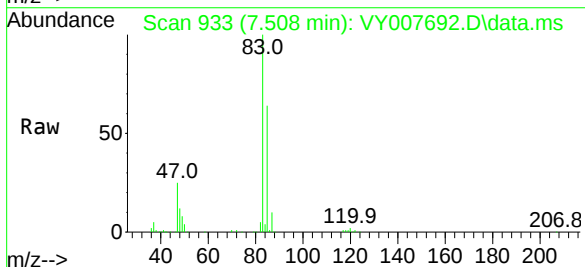
RT: 7.508 min Scan# 933

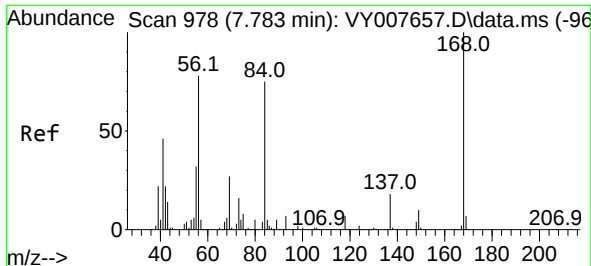
Delta R.T. -0.001 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

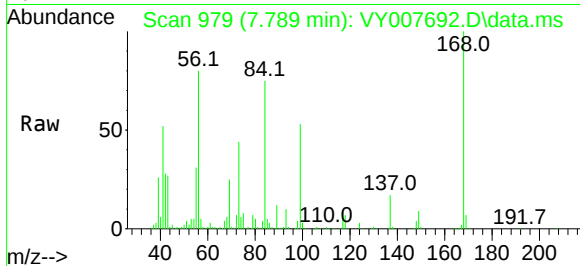
Tgt Ion: 83 Resp: 408897
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.8 77.6





#31
Cyclohexane
Concen: 53.323 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

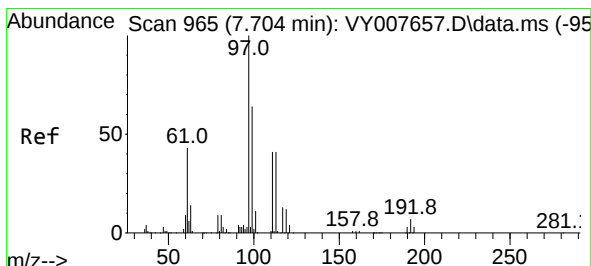
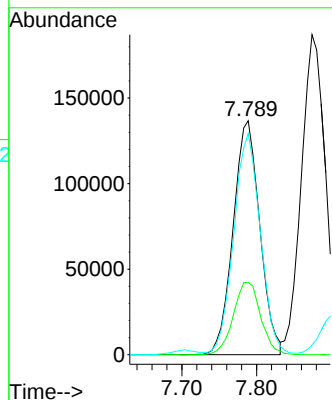
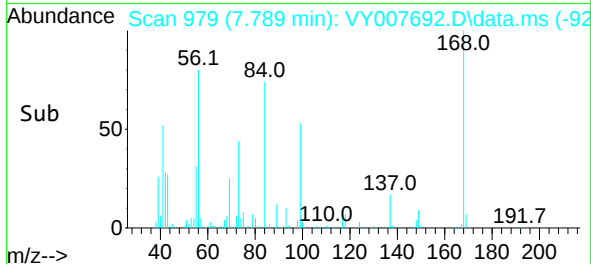
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



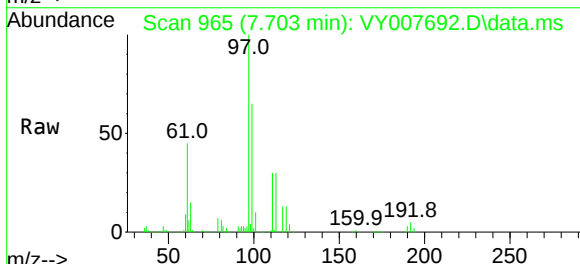
Tgt Ion: 56 Resp: 33871
Ion Ratio Lower Upper
56 100
69 31.0 26.7 40.1
84 92.9 67.2 100.8

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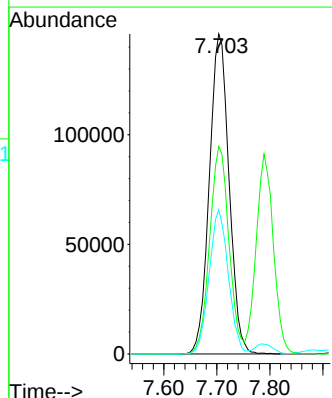
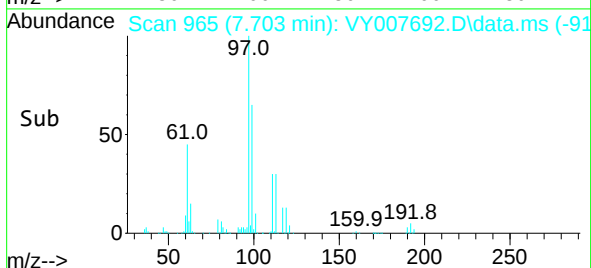
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

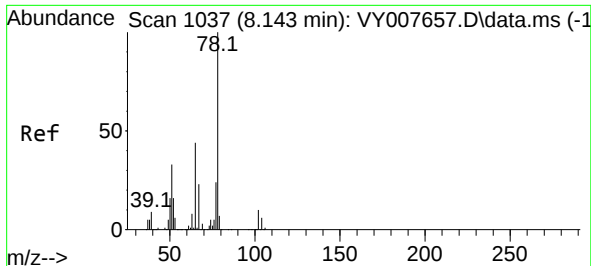


#32
1,1,1-Trichloroethane
Concen: 51.111 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



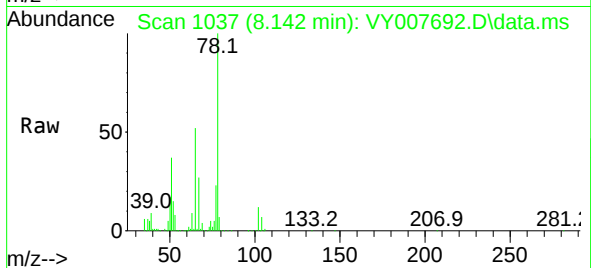
Tgt Ion: 97 Resp: 376016
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 44.2 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 42.149 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

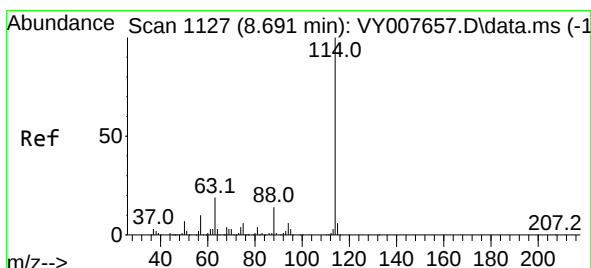
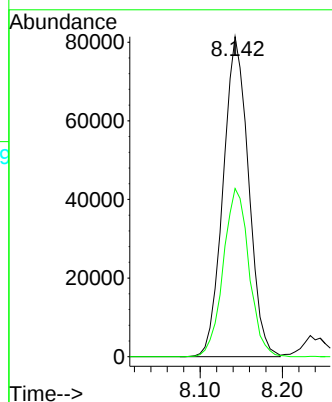
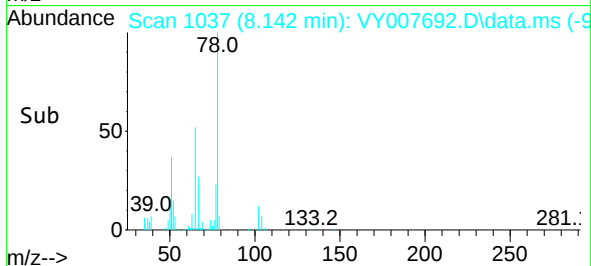
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



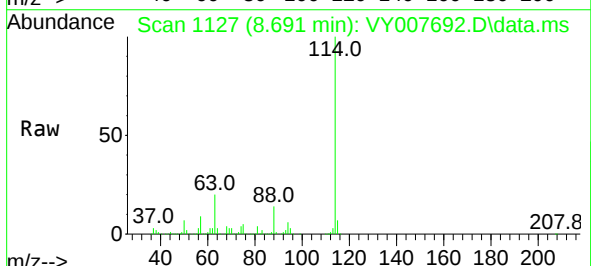
Tgt Ion: 65 Resp: 17463
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

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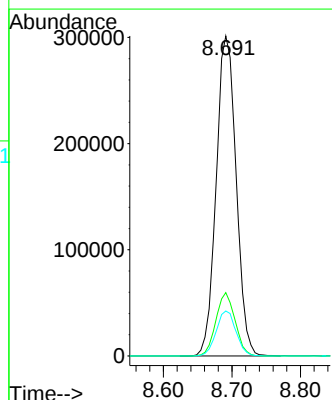
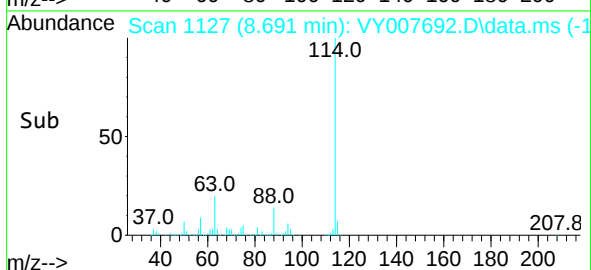
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

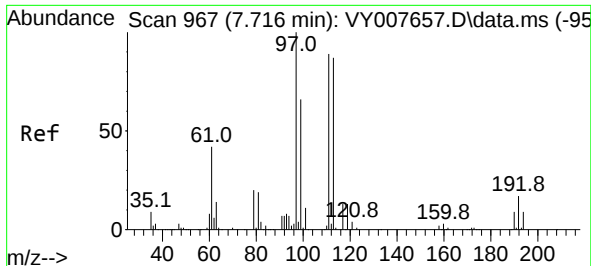


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



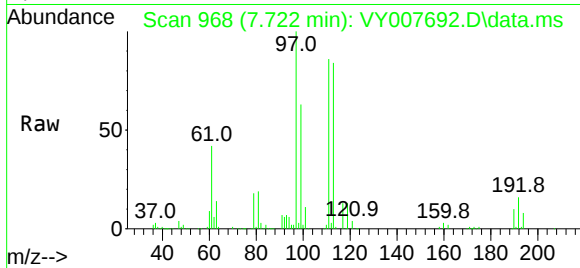
Tgt Ion:114 Resp: 608203
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 14.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.148 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

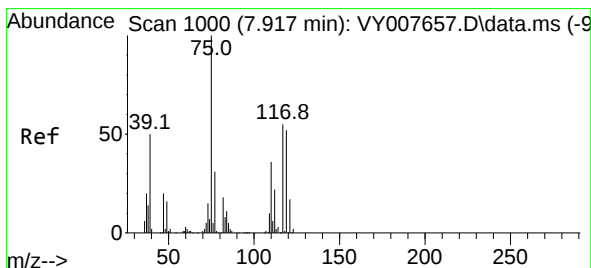
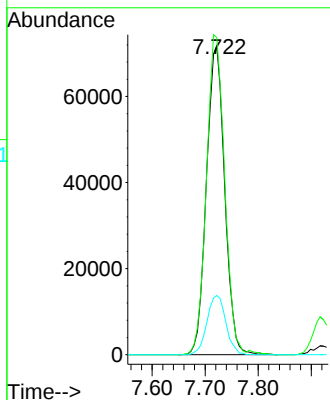
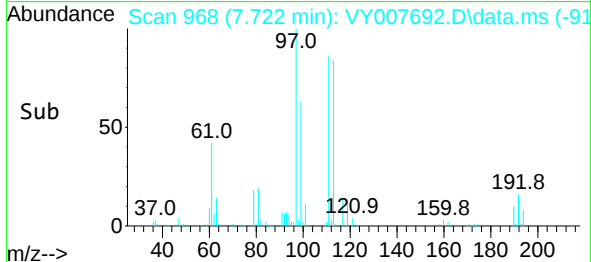
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



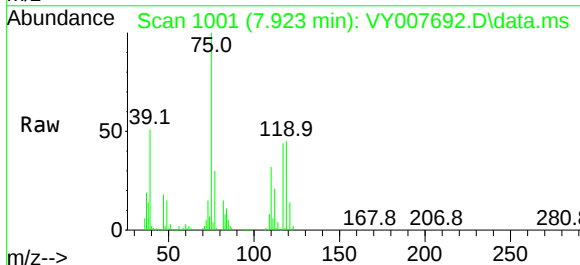
Tgt Ion: 113 Resp: 17166
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.8 17.6 26.4

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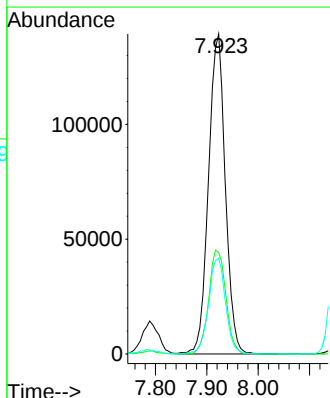
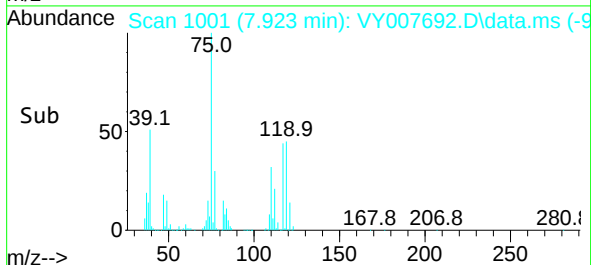
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

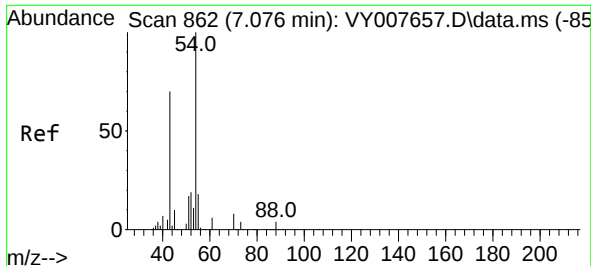


#36
1,1-Dichloropropene
Concen: 51.789 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



Tgt Ion: 75 Resp: 316791
Ion Ratio Lower Upper
75 100
110 33.3 17.1 51.2
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 49.776 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16816

Ion Ratio Lower Upper

43 100

61 14.2 9.7 14.5

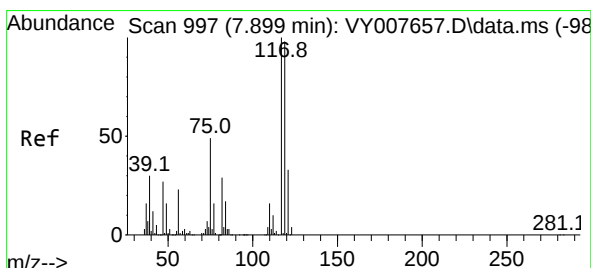
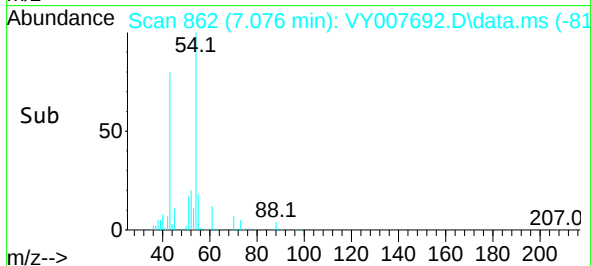
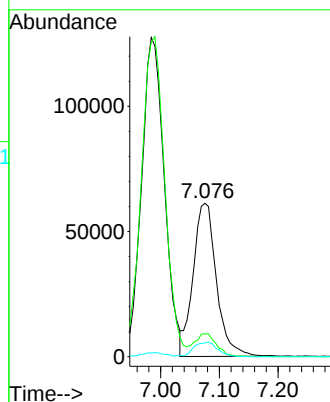
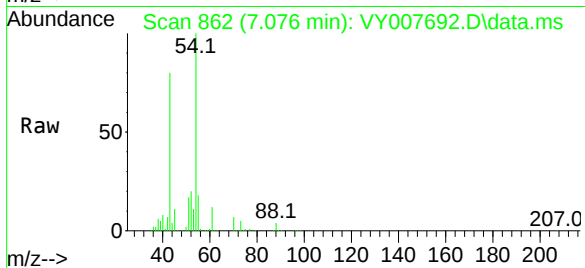
70 9.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#38

Carbon Tetrachloride

Concen: 52.623 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

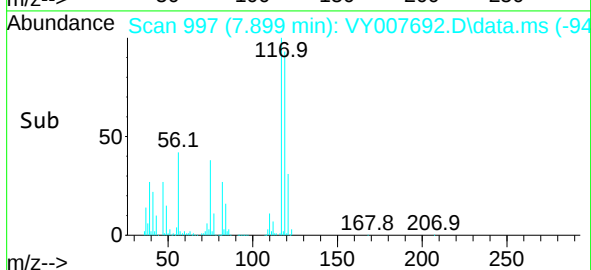
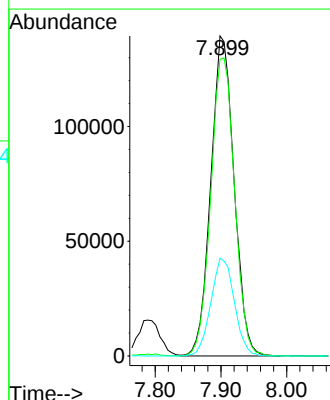
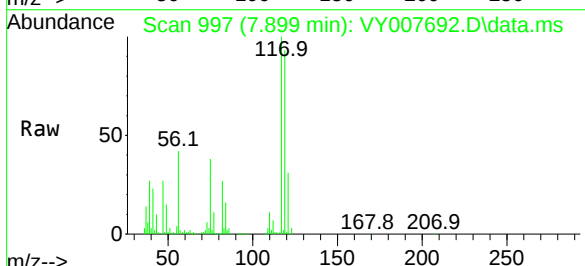
Tgt Ion:117 Resp: 343366

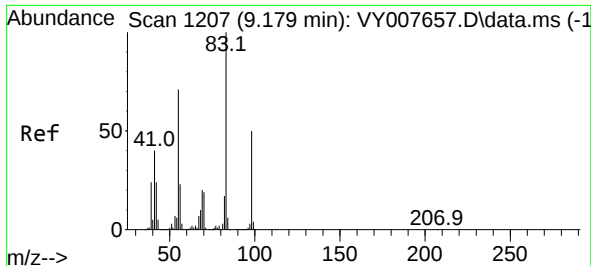
Ion Ratio Lower Upper

117 100

119 92.7 77.9 116.9

121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 50.397 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 37886

Ion Ratio Lower Upper

83 100

55 72.0 66.5 99.7

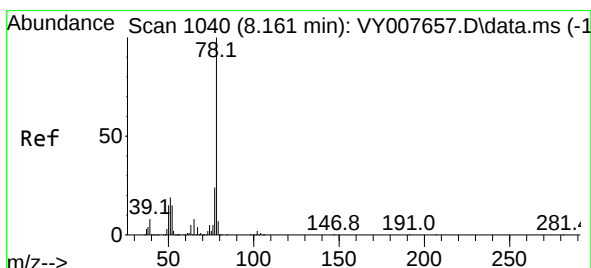
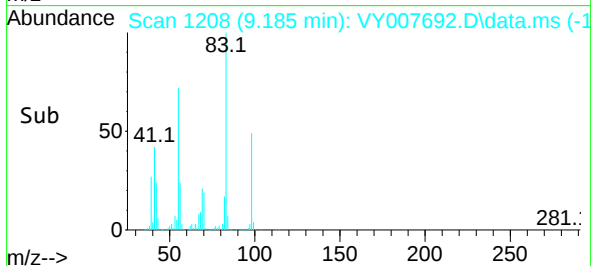
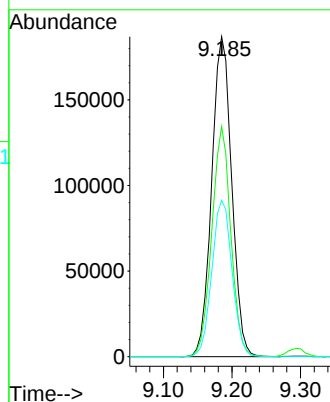
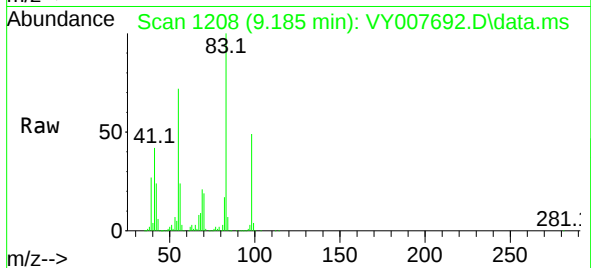
98 48.9 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#40

Benzene

Concen: 51.217 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007692.D

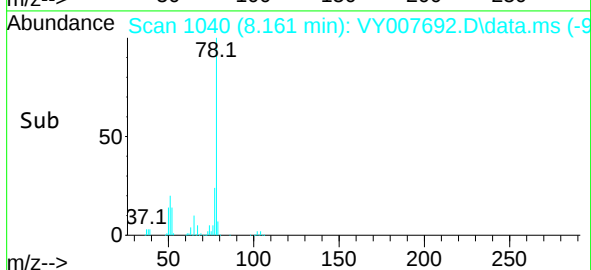
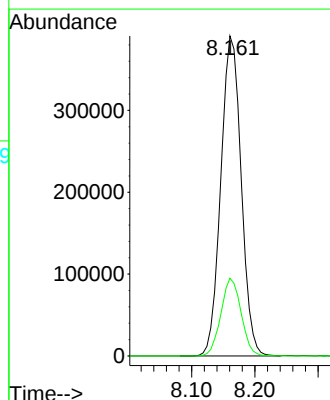
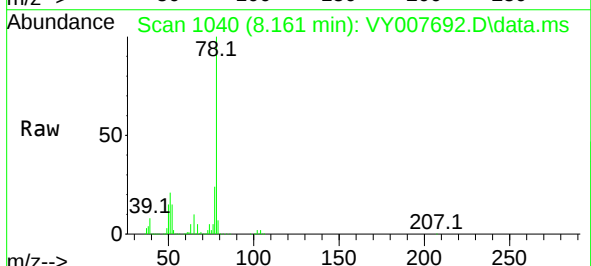
Acq: 03 Mar 2022 09:30

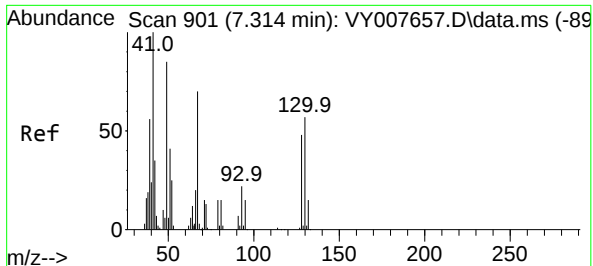
Tgt Ion: 78 Resp: 871884

Ion Ratio Lower Upper

78 100

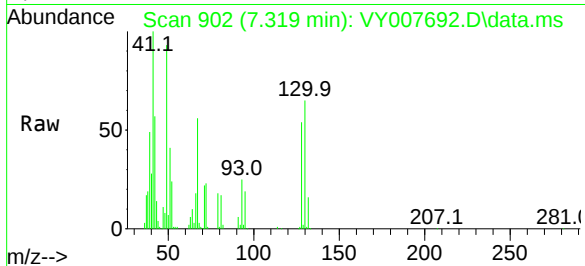
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 48.171 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

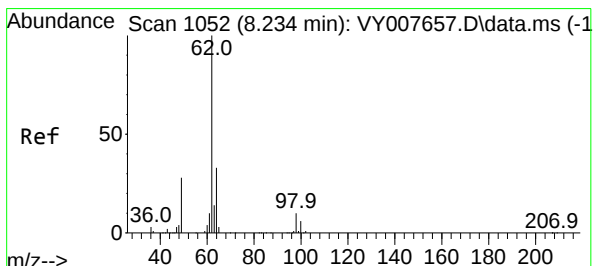
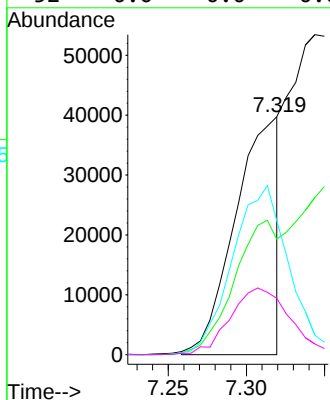
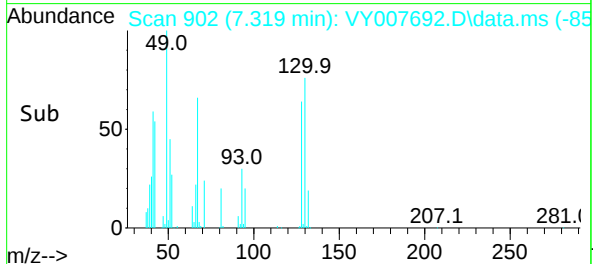
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7777
Ion Ratio Lower Upper
41 100
39 79.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

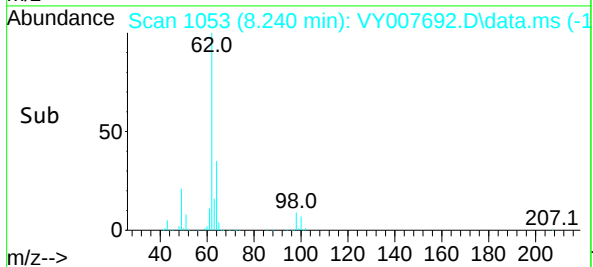
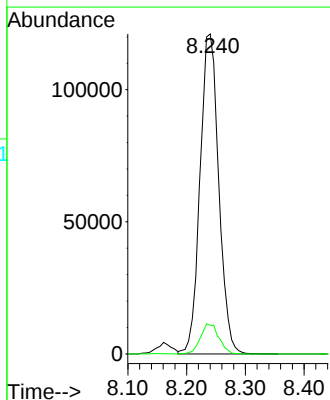
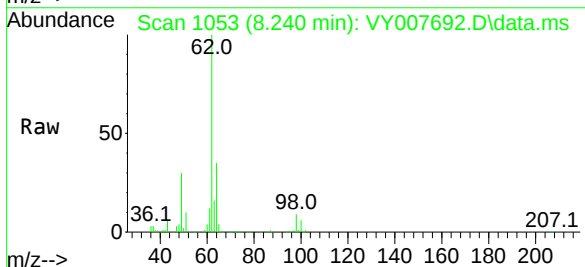
Manual Integrations
APPROVED

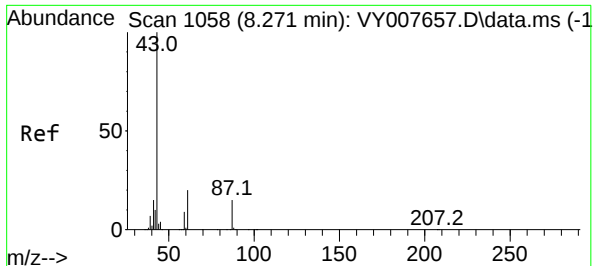
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#42
1,2-Dichloroethane
Concen: 50.397 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Tgt Ion: 62 Resp: 267705
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 51.113 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 319354

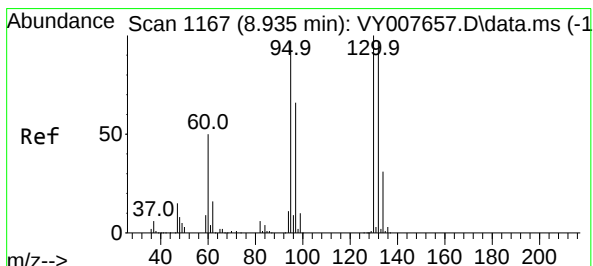
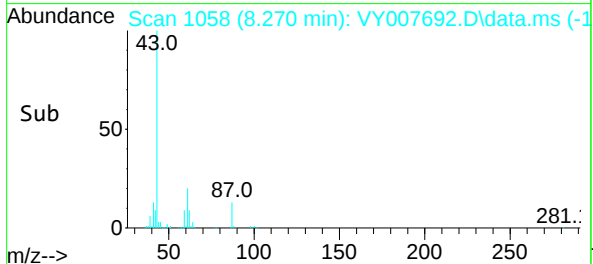
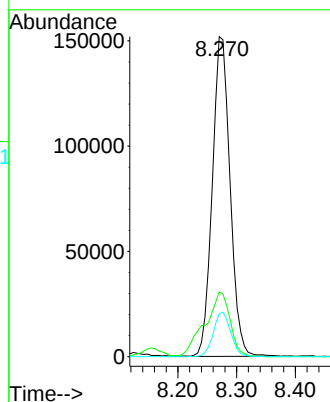
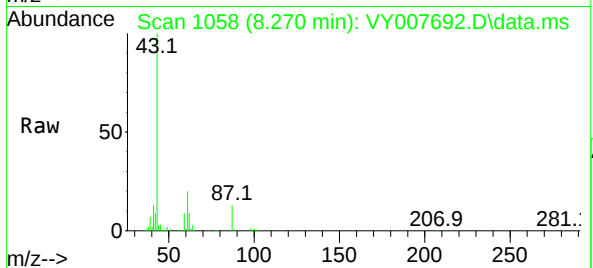
Ion	Ratio	Lower	Upper
43	100		
61	28.7	20.2	30.2
87	13.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#44

Trichloroethene

Concen: 51.243 ug/l

RT: 8.941 min Scan# 1168

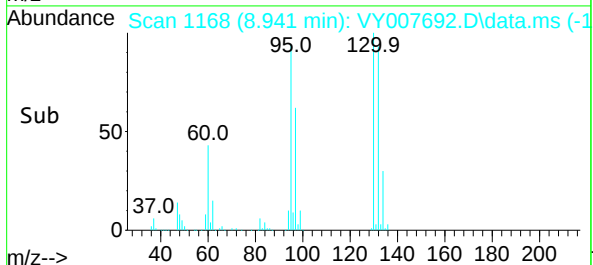
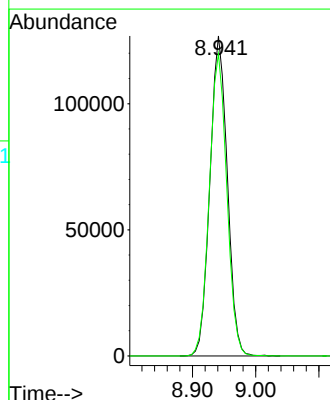
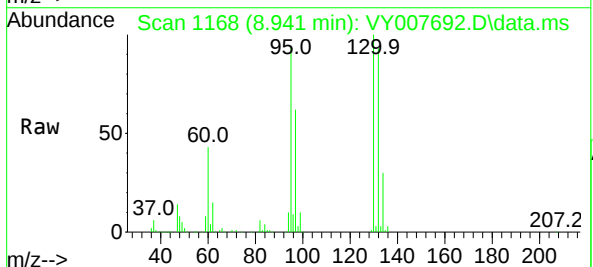
Delta R.T. 0.006 min

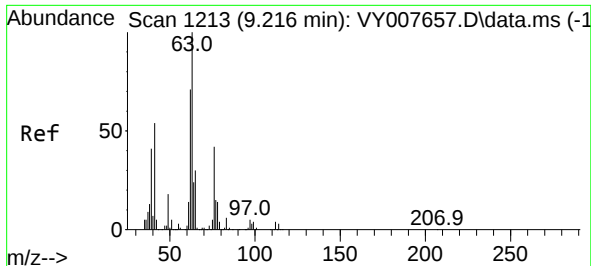
Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Tgt Ion:130 Resp: 242272

Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	188.2





#45

1,2-Dichloropropane

Concen: 51.022 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 224610

Ion Ratio Lower Upper

63 100

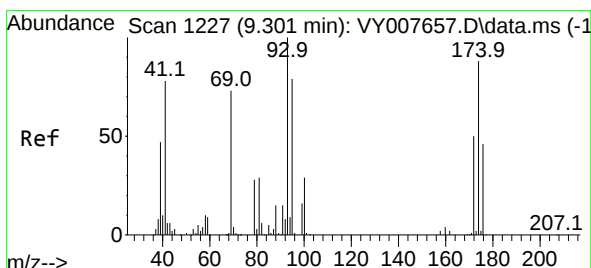
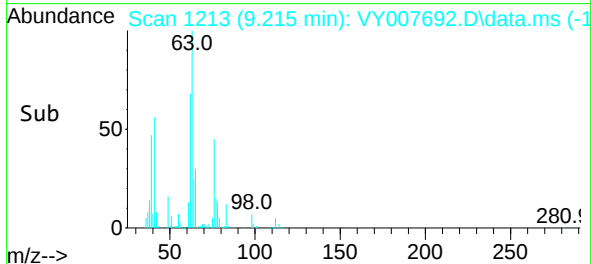
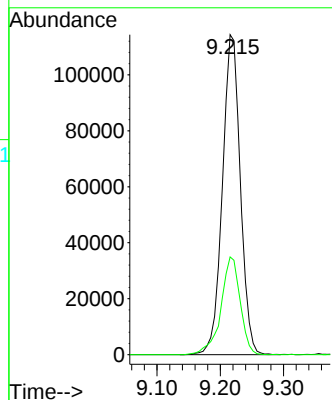
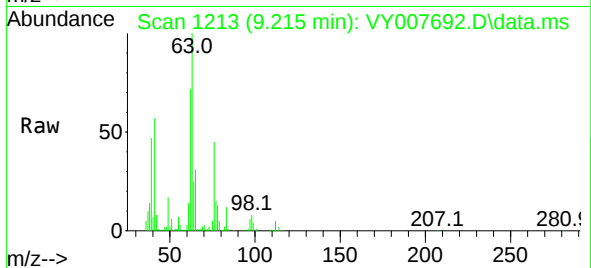
65 30.6 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#46

Dibromomethane

Concen: 49.818 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

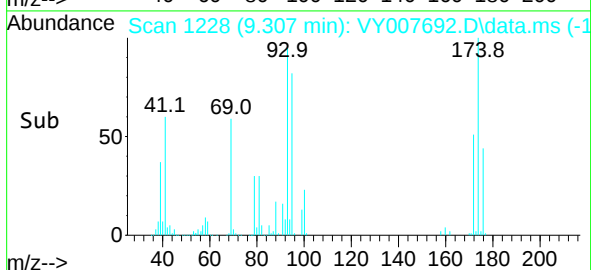
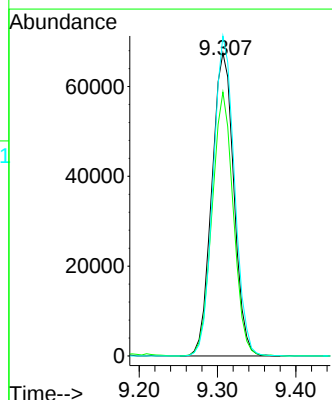
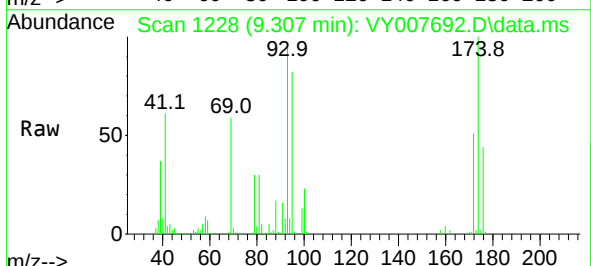
Tgt Ion: 93 Resp: 131646

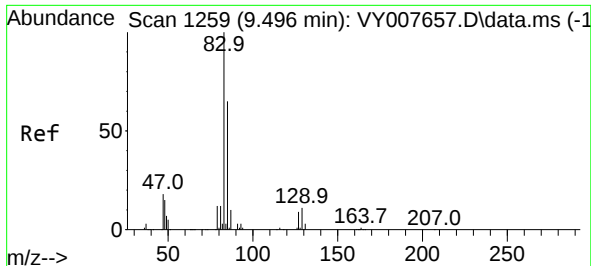
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

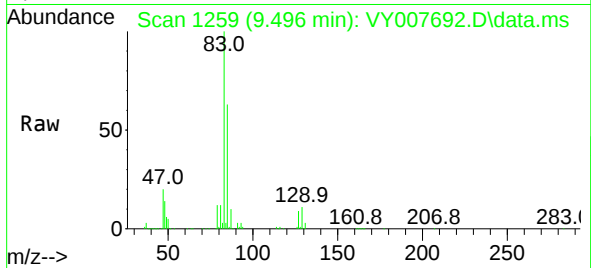
174 102.4 83.4 125.0





#47
Bromodichloromethane
Concen: 52.100 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

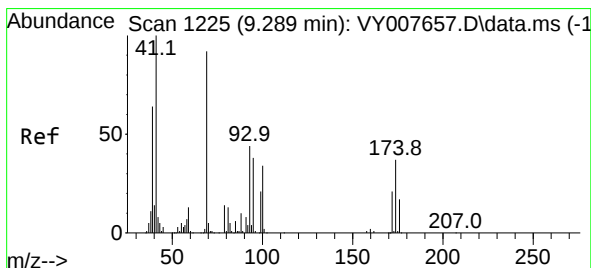
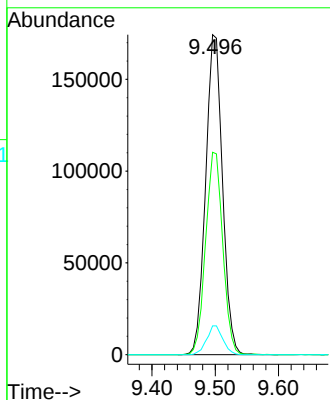
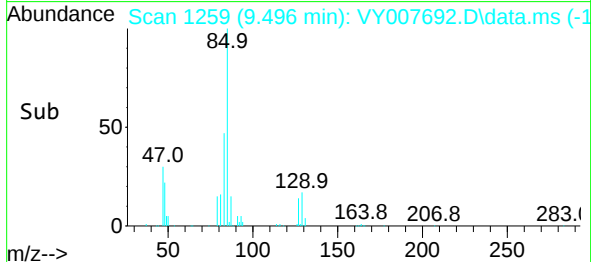
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 322917
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 9.0 6.6 10.0

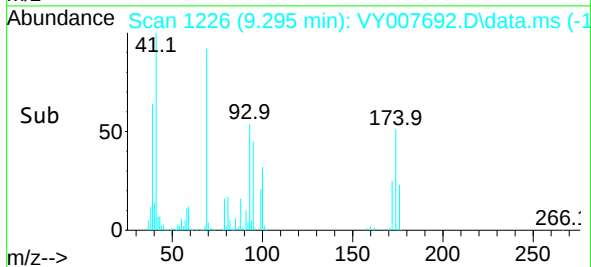
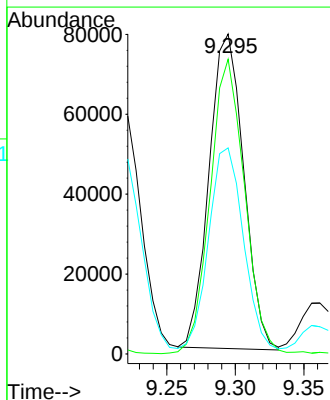
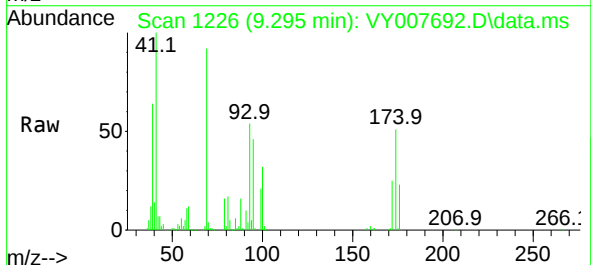
Manual Integrations
APPROVED

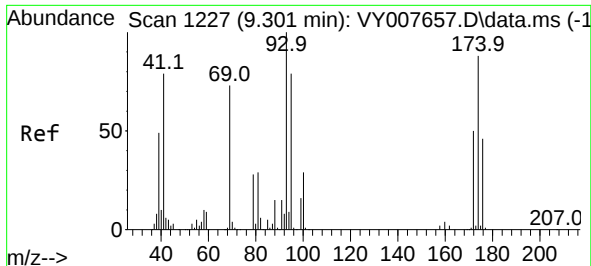
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#48
Methyl methacrylate
Concen: 51.025 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Tgt Ion: 41 Resp: 138185
Ion Ratio Lower Upper
41 100
69 94.2 58.2 87.2#
39 64.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1054.776 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007692.D

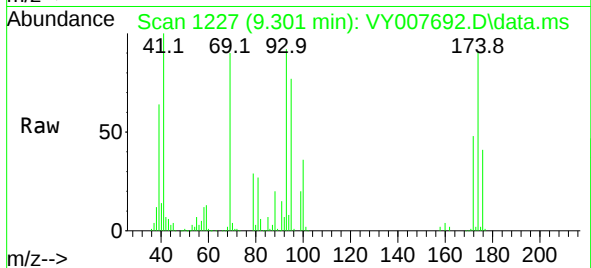
Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



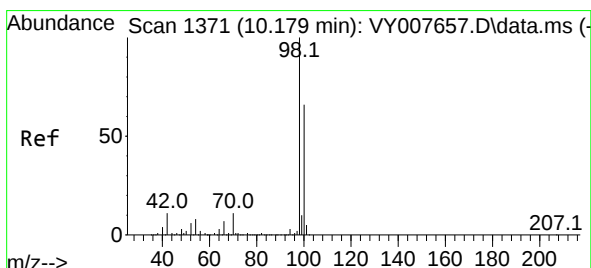
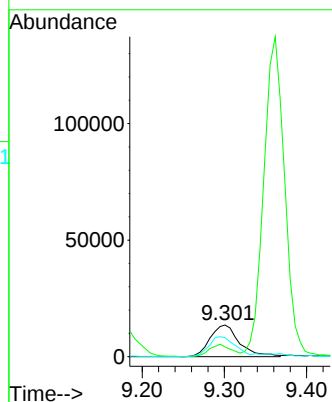
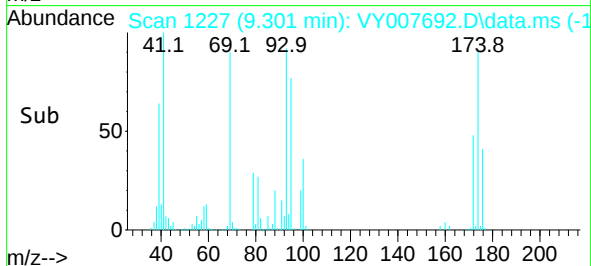
Tgt Ion:	88	Resp:	33650
Ion	Ratio	Lower	Upper
88	100		
43	29.0	32.8	49.2
58	60.3	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#50

Toluene-d8

Concen: 43.617 ug/l

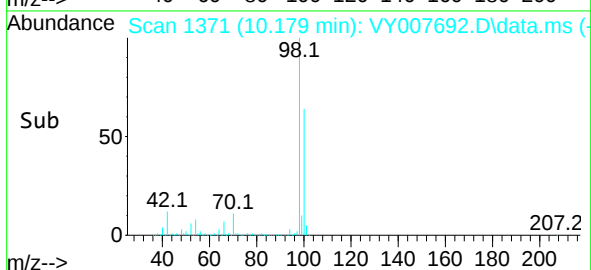
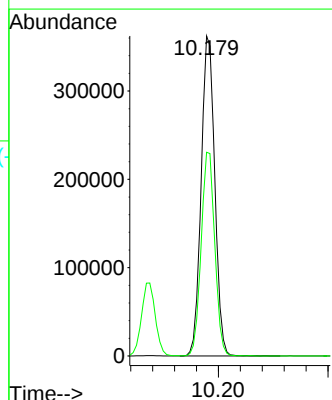
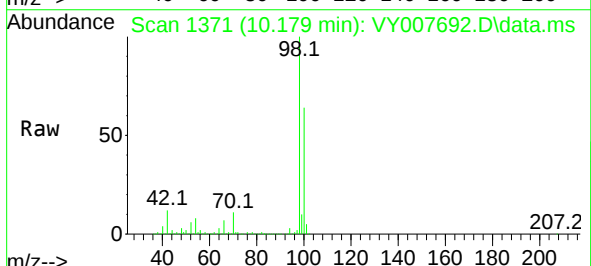
RT: 10.179 min Scan# 1371

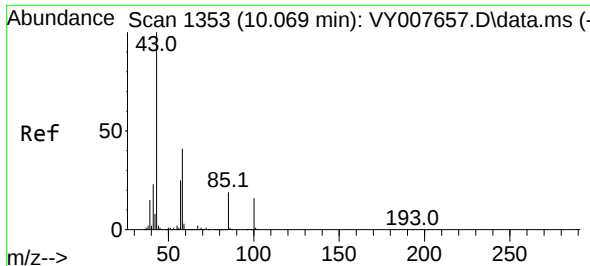
Delta R.T. -0.000 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

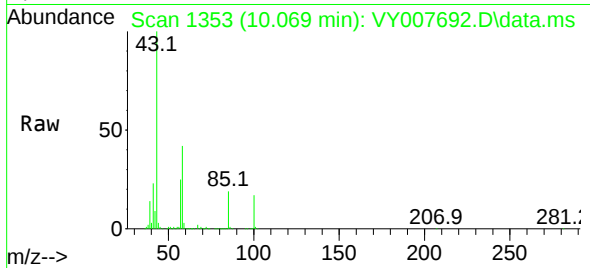
Tgt Ion:	98	Resp:	624311
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 257.923 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

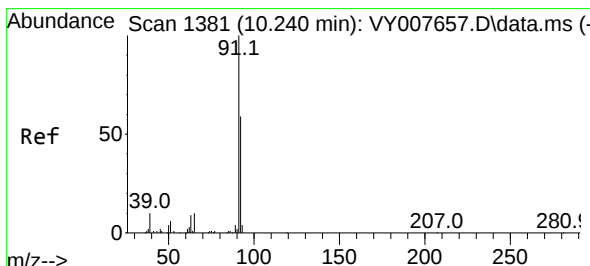
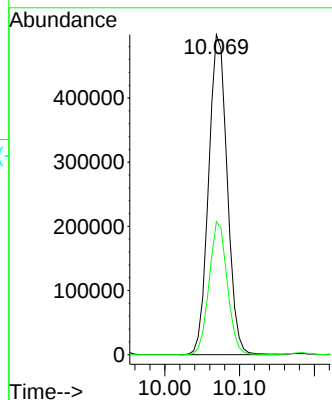
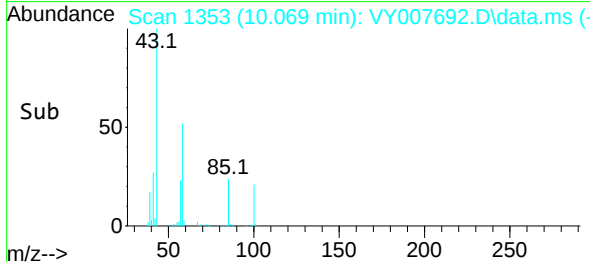
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



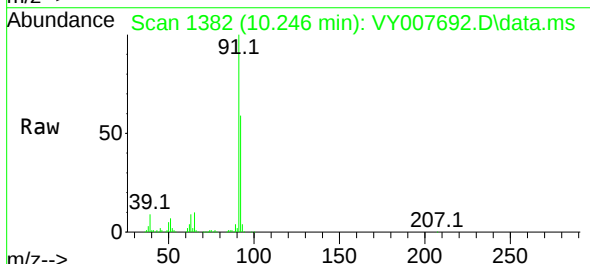
Tgt Ion: 43 Resp: 862249
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1

Manual Integrations
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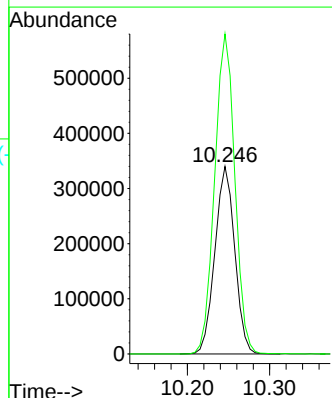
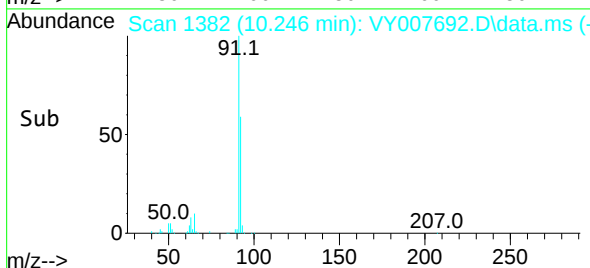
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

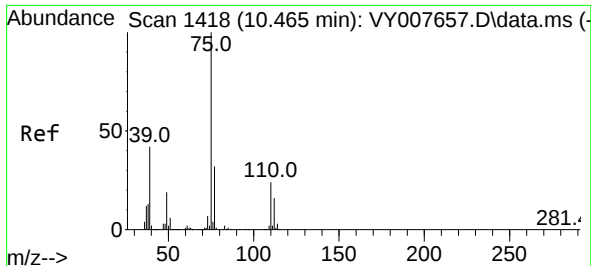


#52
Toluene
Concen: 51.853 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



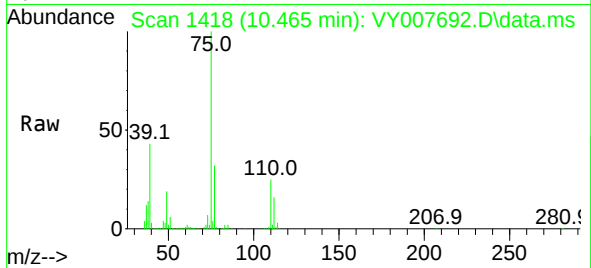
Tgt Ion: 92 Resp: 570758
Ion Ratio Lower Upper
92 100
91 173.6 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 51.849 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

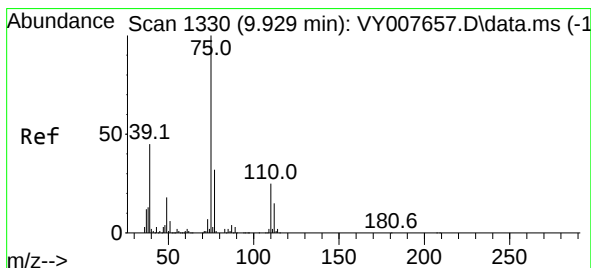
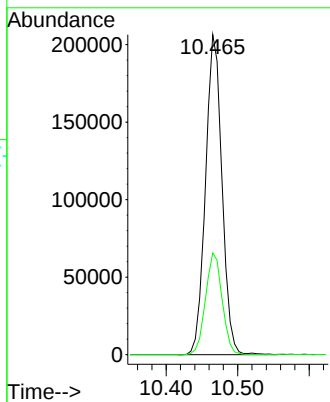
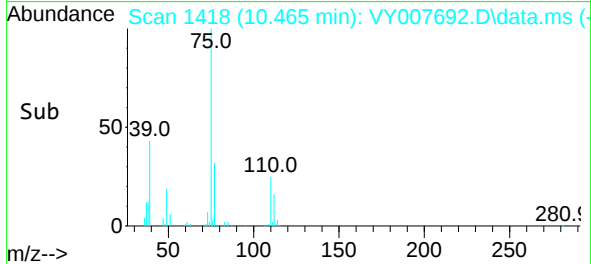
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



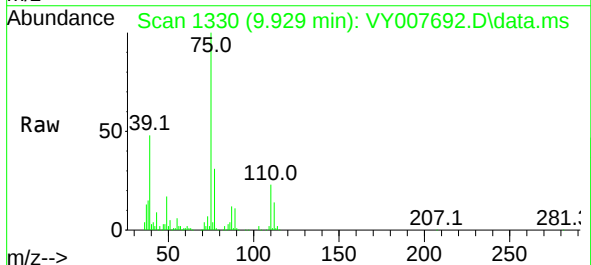
Tgt Ion: 75 Resp: 32994
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

Manual Integrations
APPROVED

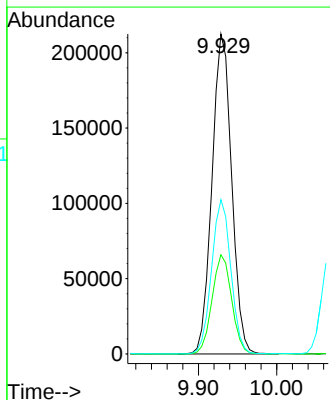
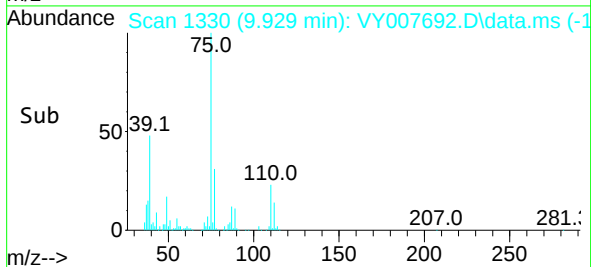
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

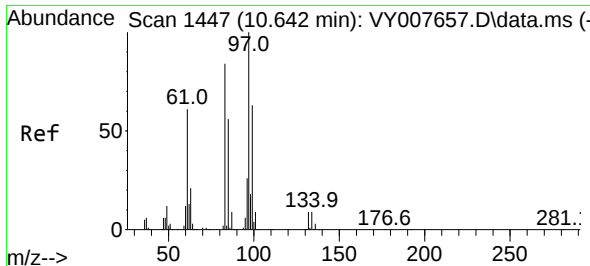


#54
cis-1,3-Dichloropropene
Concen: 52.675 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



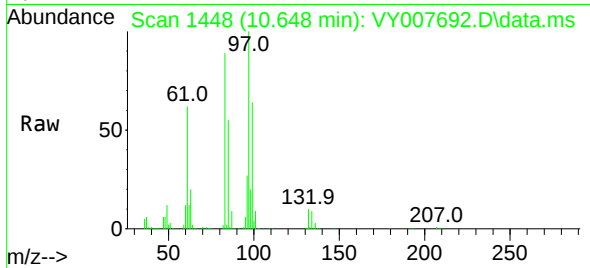
Tgt Ion: 75 Resp: 370337
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 48.2 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 51.984 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

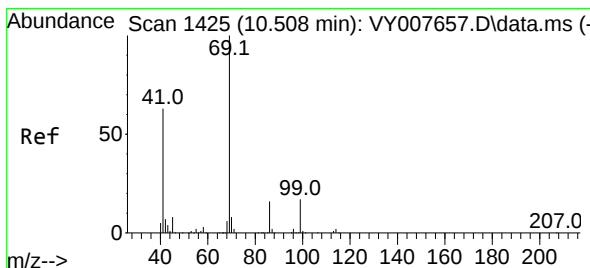
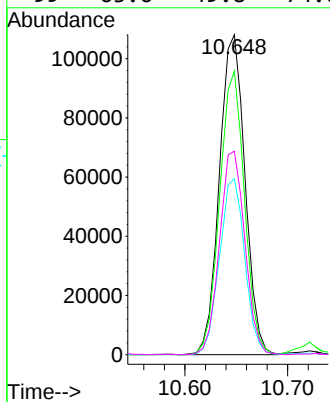
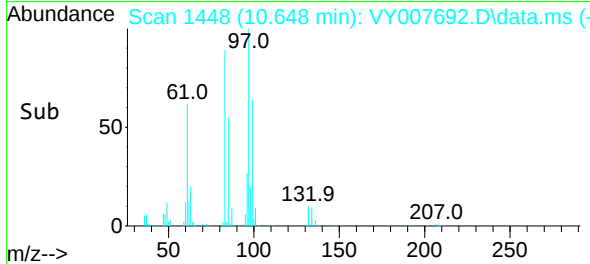
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



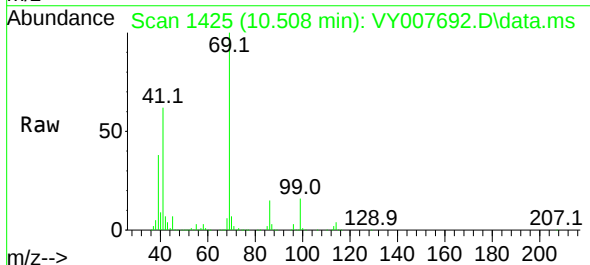
Tgt Ion: 97 Resp: 18688
Ion Ratio Lower Upper
97 100
83 88.7 69.8 104.8
85 55.0 44.3 66.5
99 63.6 49.8 74.6

Manual Integrations
APPROVED

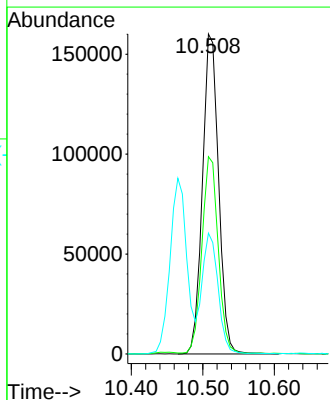
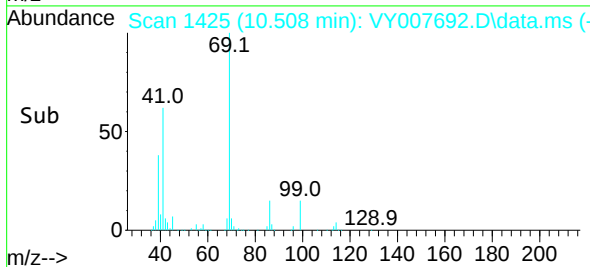
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

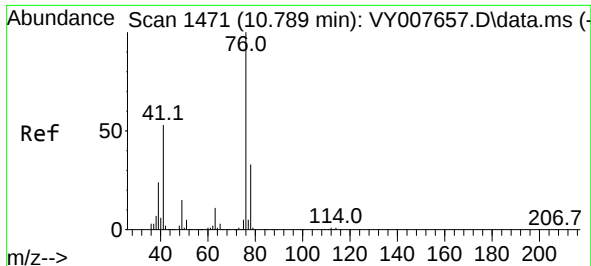


#56
Ethyl methacrylate
Concen: 52.555 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



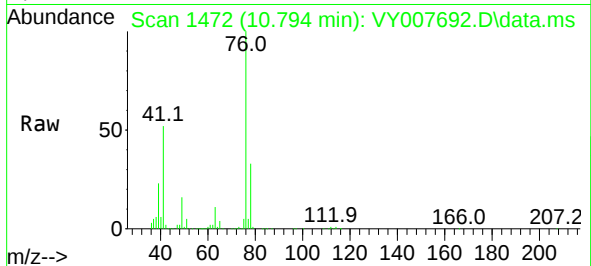
Tgt Ion: 69 Resp: 250840
Ion Ratio Lower Upper
69 100
41 62.2 63.4 95.0#
39 37.0 35.8 53.8





#57
1,3-Dichloropropane
Concen: 52.047 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

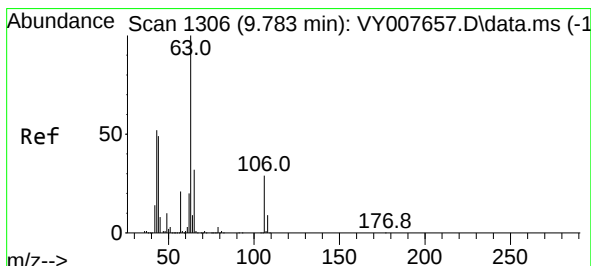
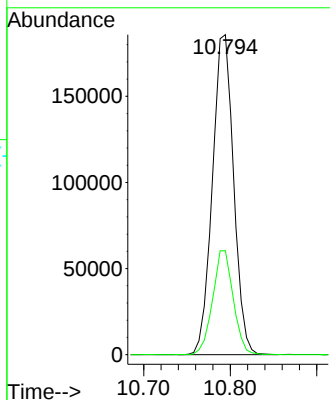
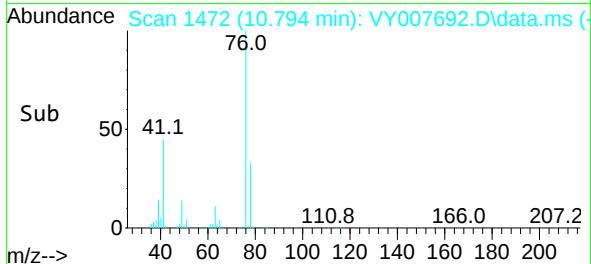
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 316409
Ion Ratio Lower Upper
76 100
78 31.8 25.0 37.6

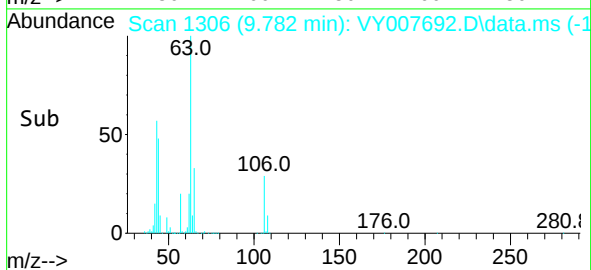
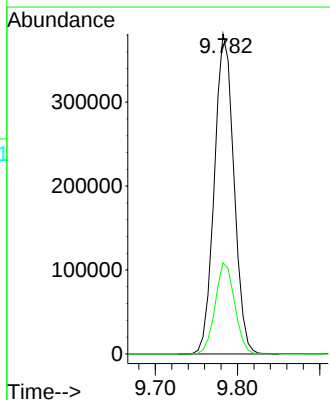
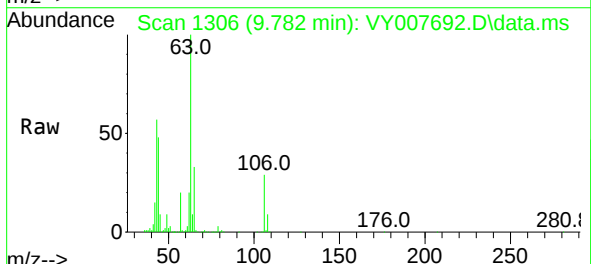
Manual Integrations
APPROVED

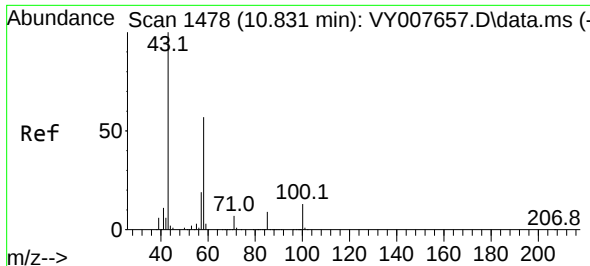
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#58
2-Chloroethyl Vinyl ether
Concen: 241.727 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

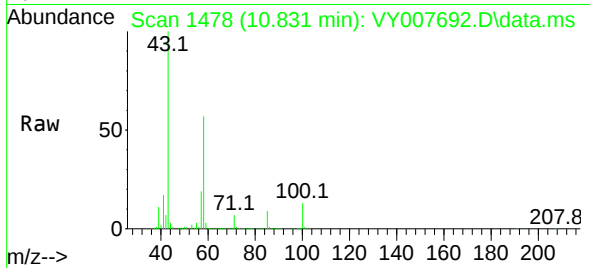
Tgt Ion: 63 Resp: 629200
Ion Ratio Lower Upper
63 100
106 28.4 21.5 32.3





#59
2-Hexanone
Concen: 268.938 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

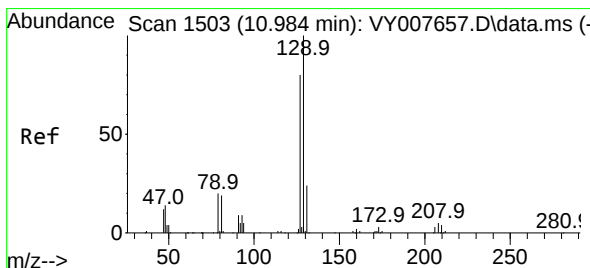
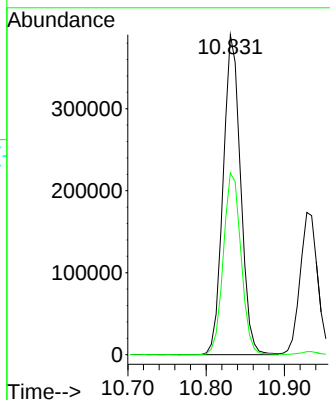
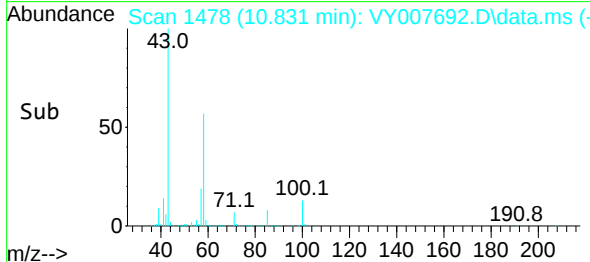
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



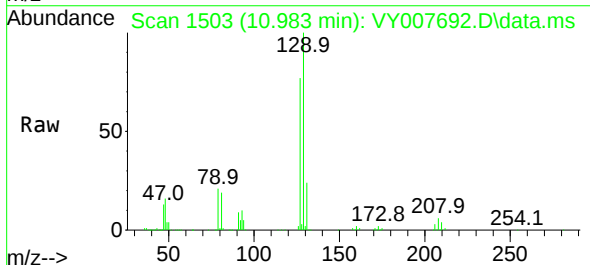
Tgt Ion: 43 Resp: 60545
Ion Ratio Lower Upper
43 100
58 57.7 24.4 73.4

Manual Integrations
APPROVED

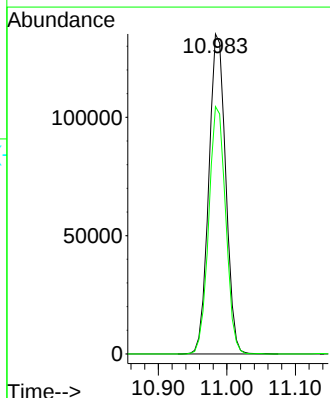
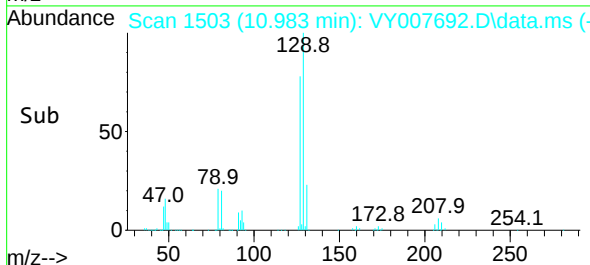
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

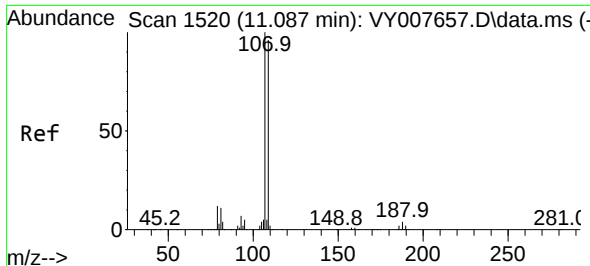


#60
Dibromochloromethane
Concen: 54.113 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



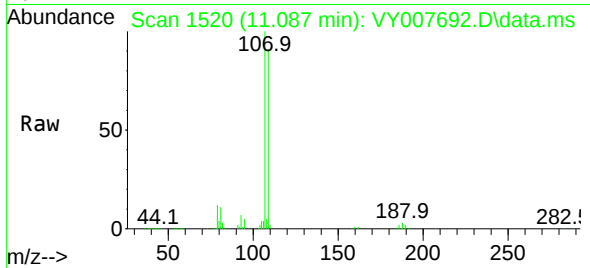
Tgt Ion:129 Resp: 231640
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.459 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

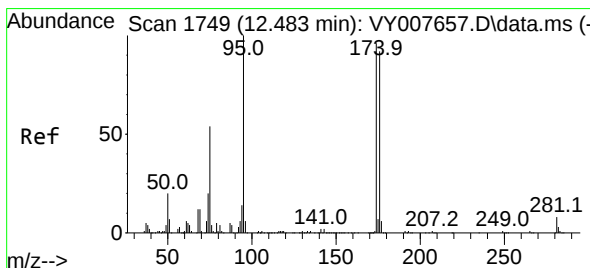
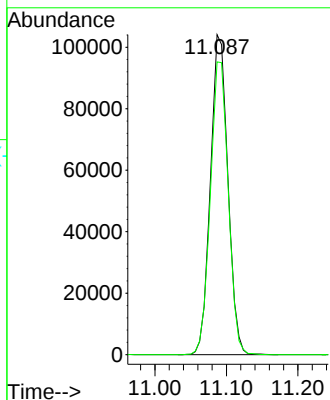
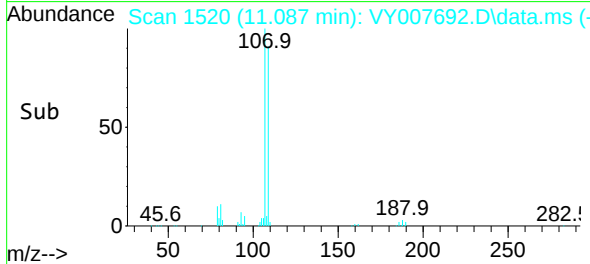
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



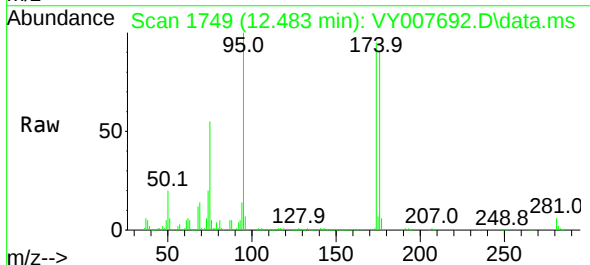
Tgt Ion:107 Resp: 176328
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2

Manual Integrations
APPROVED

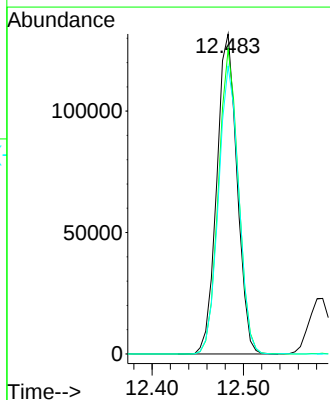
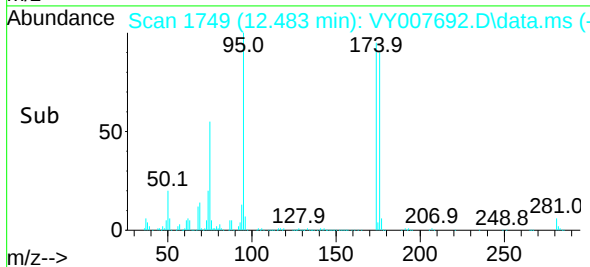
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

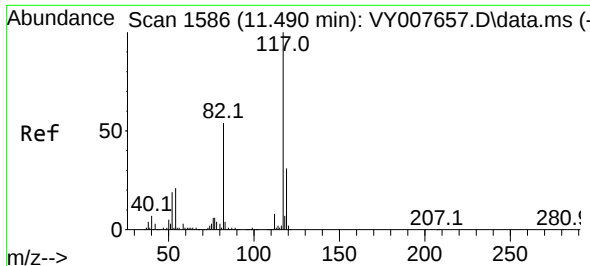


#62
4-Bromofluorobenzene
Concen: 44.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



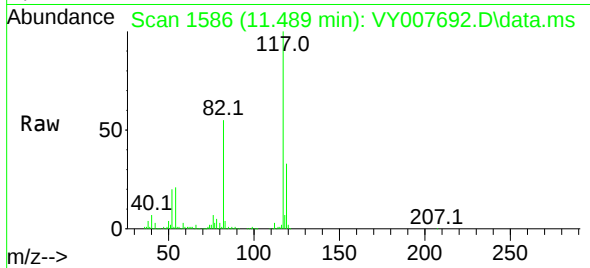
Tgt Ion: 95 Resp: 203224
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 90.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

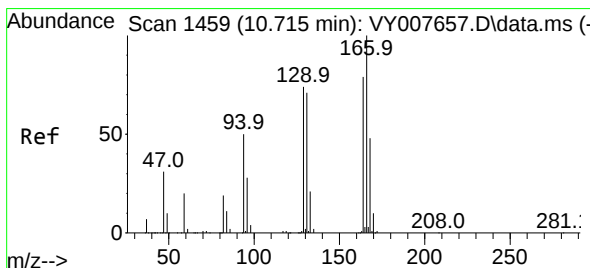
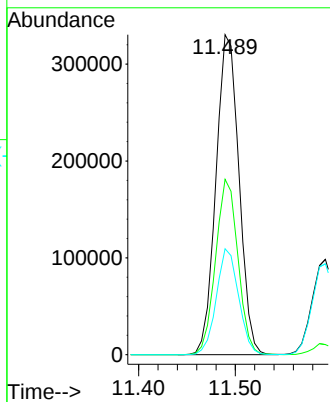
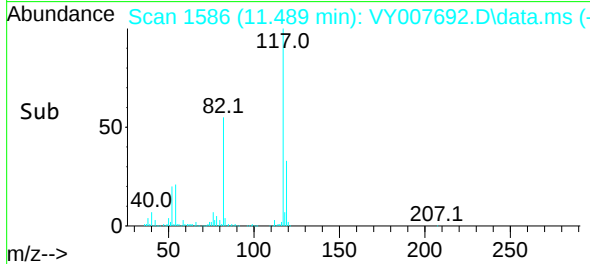
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



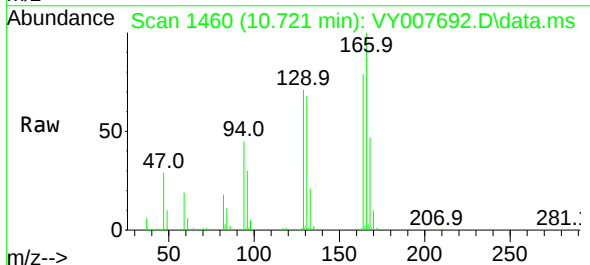
Tgt Ion:117 Resp: 54592
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.1 25.4 38.0

Manual Integrations
APPROVED

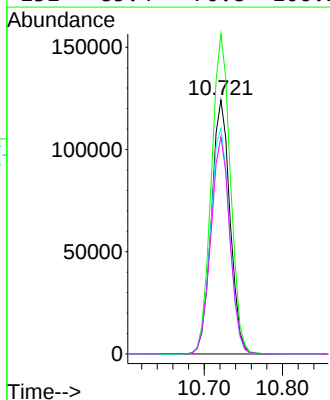
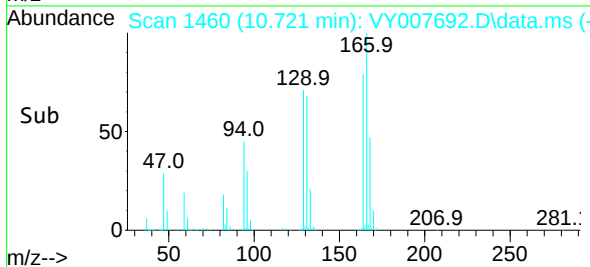
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

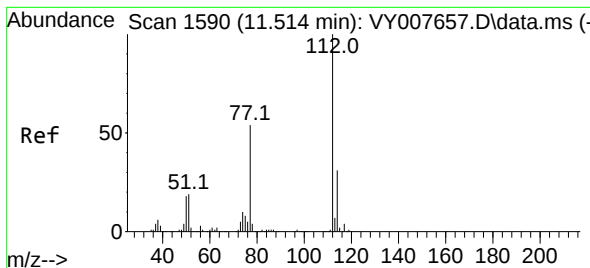


#64
Tetrachloroethene
Concen: 50.662 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



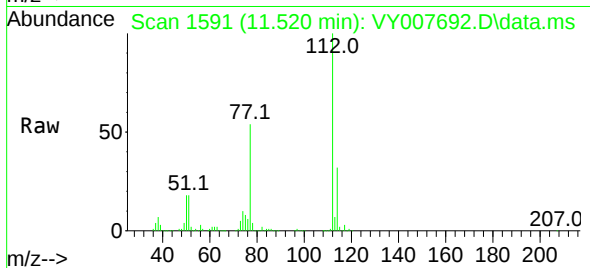
Tgt Ion:164 Resp: 205011
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 88.9 71.4 107.0
131 85.4 70.8 106.2





#65
Chlorobenzene
Concen: 51.740 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

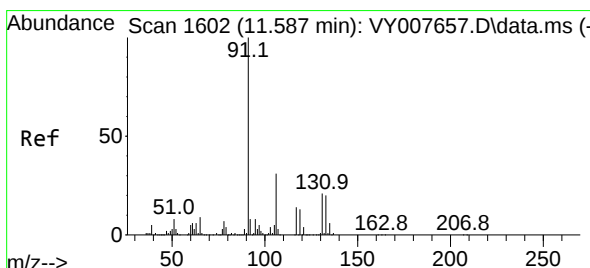
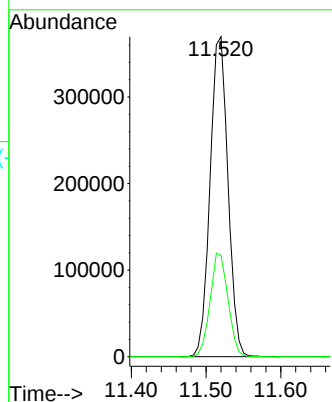
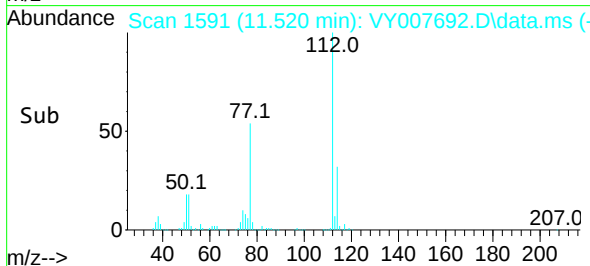
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 615378
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

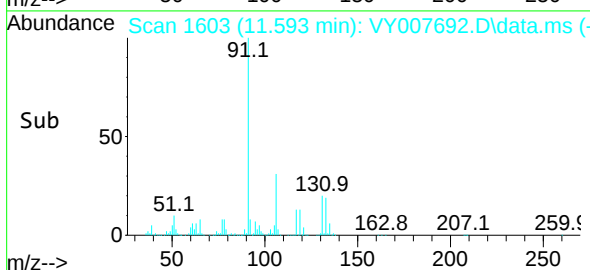
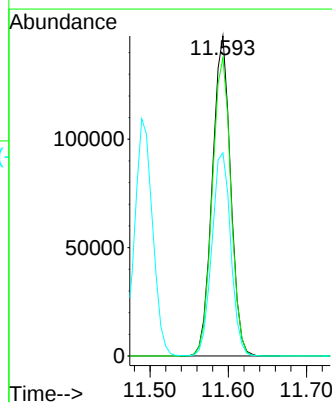
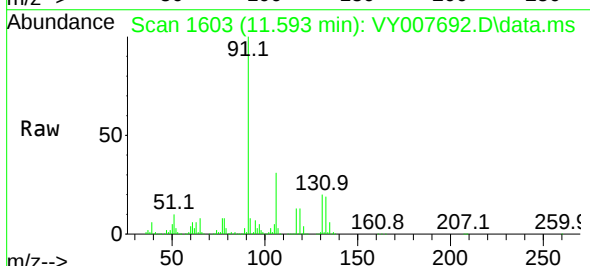
Manual Integrations
APPROVED

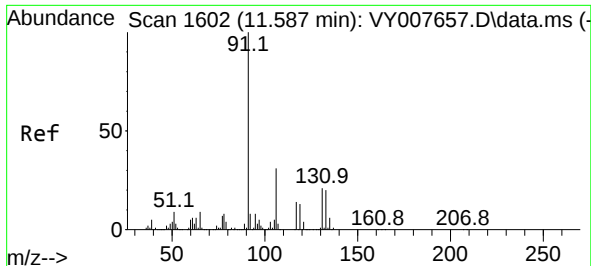
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.645 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Tgt Ion:131 Resp: 238597
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 52.804 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 113258

Ion Ratio Lower Upper

91 100

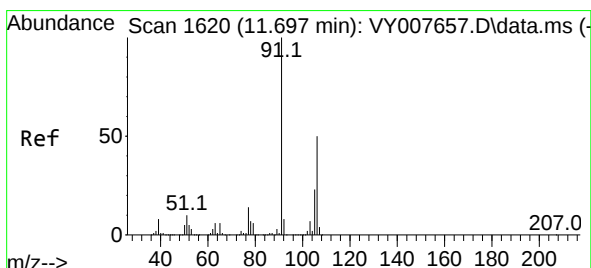
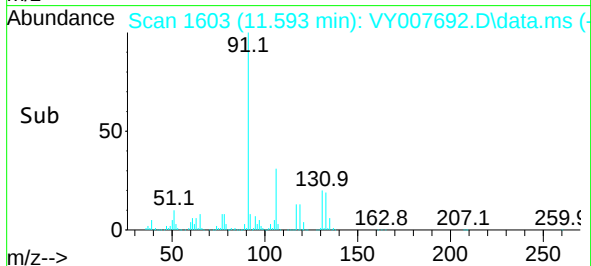
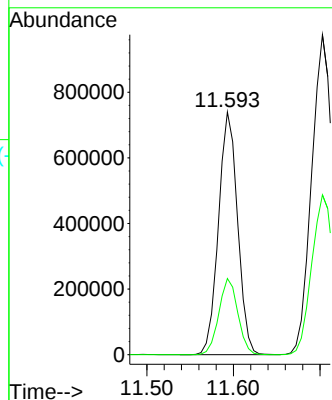
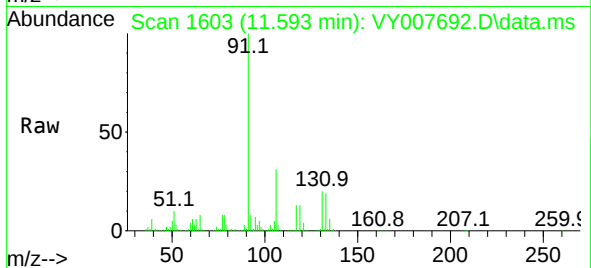
106 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#68

m/p-Xylenes

Concen: 105.910 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007692.D

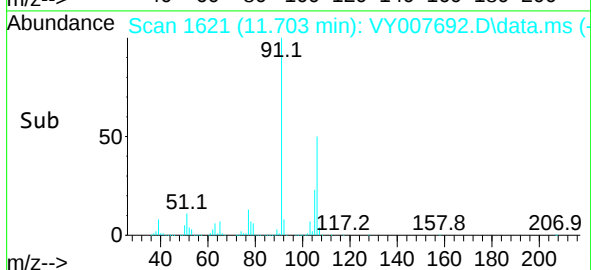
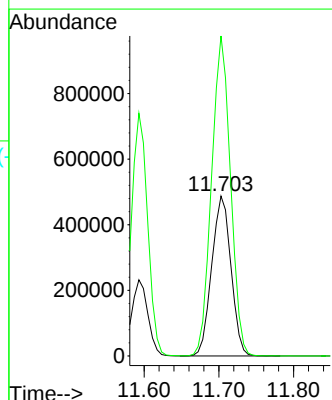
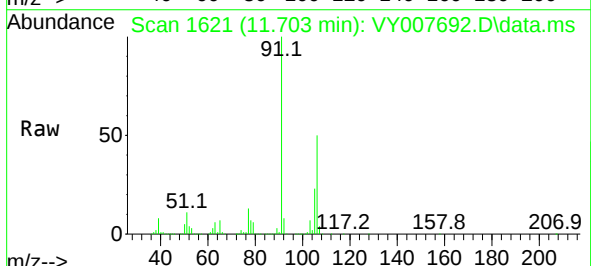
Acq: 03 Mar 2022 09:30

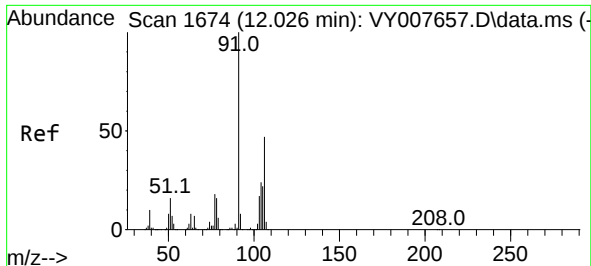
Tgt Ion:106 Resp: 871618

Ion Ratio Lower Upper

106 100

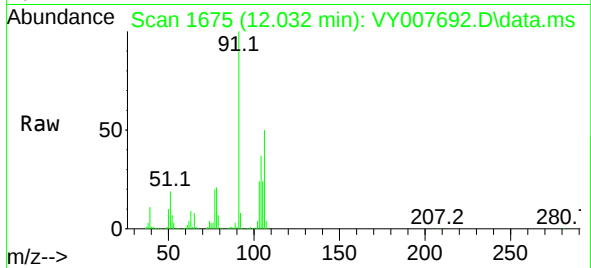
91 196.5 166.6 249.8





#69
o-Xylene
Concen: 53.467 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

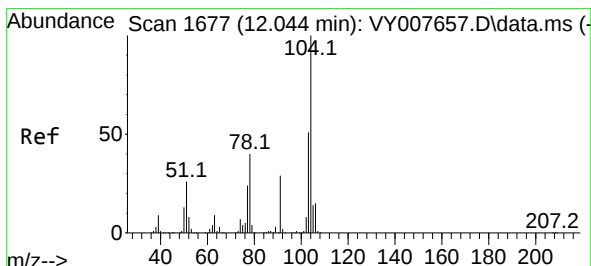
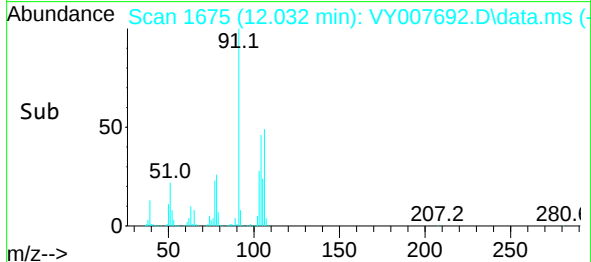
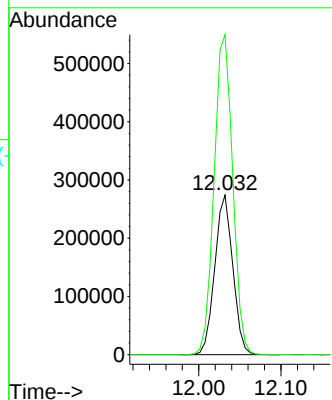
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 416978
Ion Ratio Lower Upper
106 100
91 207.3 110.3 331.0

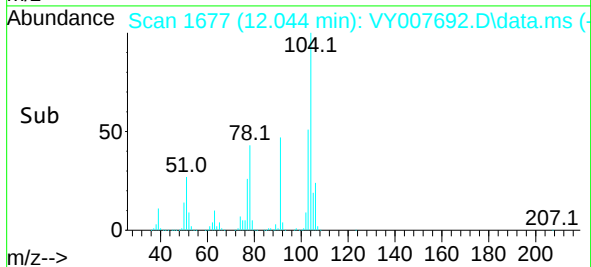
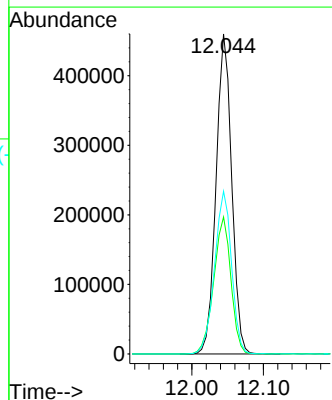
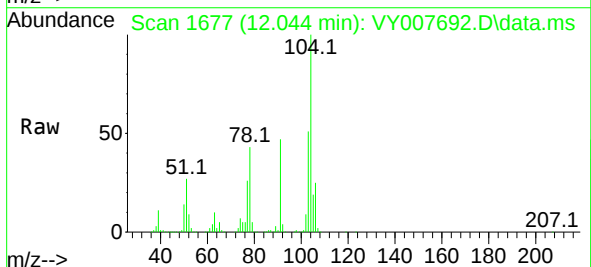
Manual Integrations
APPROVED

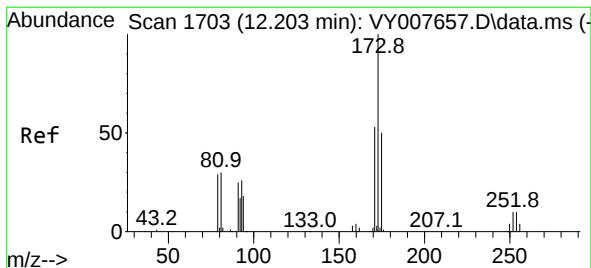
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#70
Styrene
Concen: 53.408 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Tgt Ion:104 Resp: 697425
Ion Ratio Lower Upper
104 100
78 47.2 42.4 63.6
103 55.5 44.4 66.6





#71

Bromoform

Concen: 54.161 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007692.D

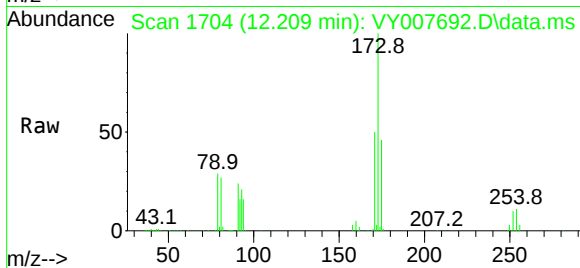
Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:173 Resp: 14999

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

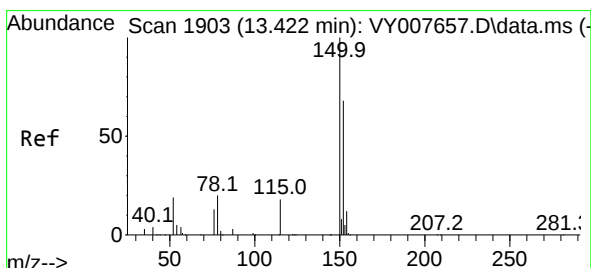
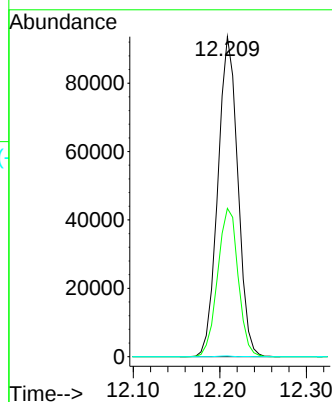
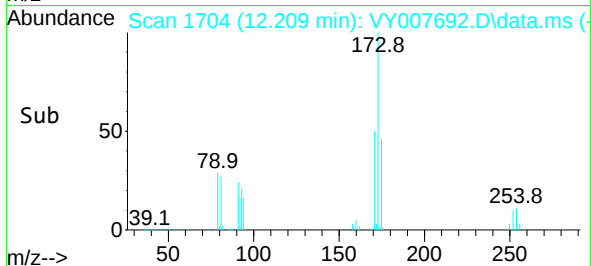
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

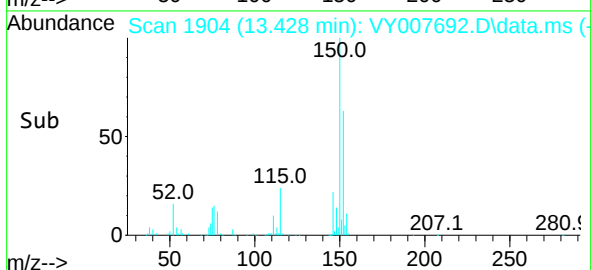
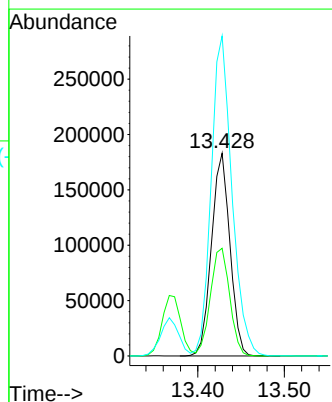
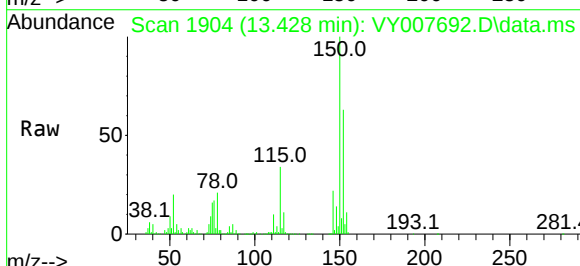
Tgt Ion:152 Resp: 271507

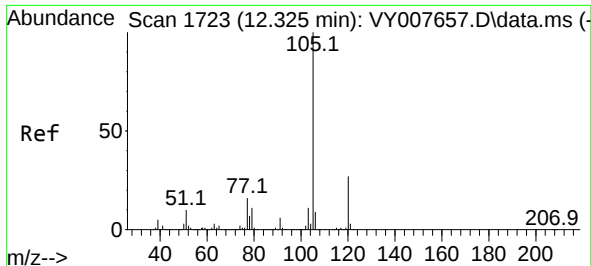
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 177.4 0.0 347.6





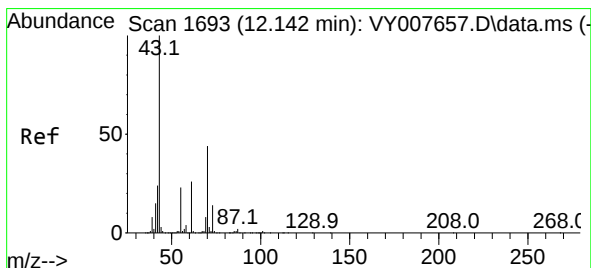
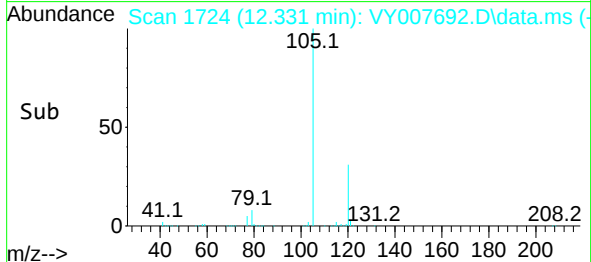
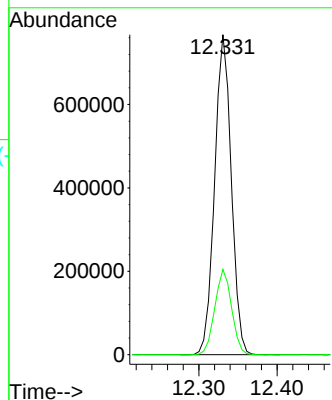
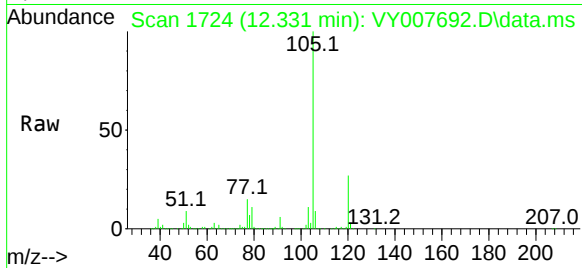
#73
Isopropylbenzene
Concen: 53.616 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1134086
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

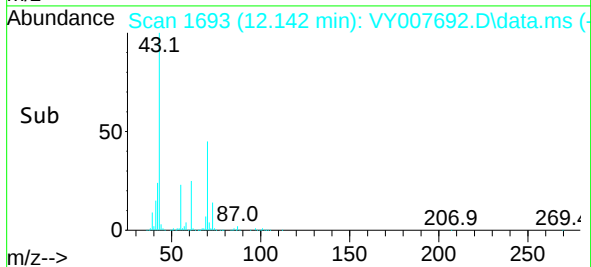
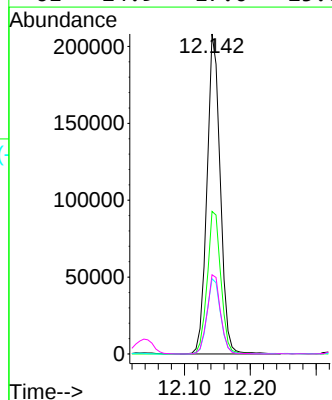
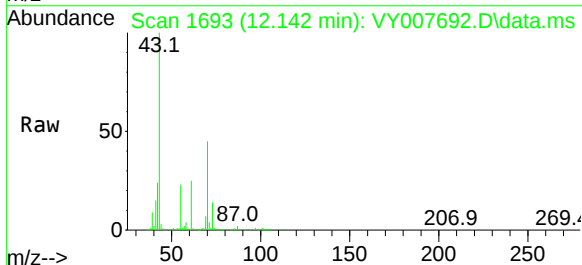
Manual Integrations
APPROVED

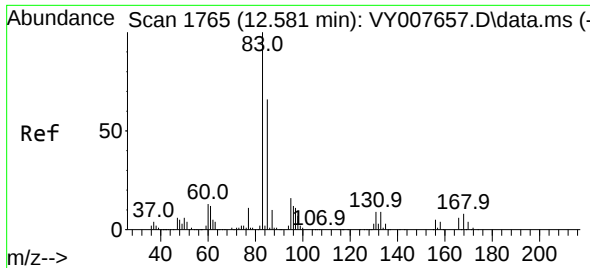
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#74
N-ethyl acetate
Concen: 51.945 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

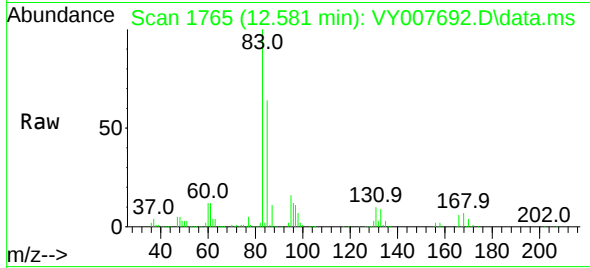
Tgt Ion: 43 Resp: 292479
Ion Ratio Lower Upper
43 100
70 45.8 28.7 43.1#
55 23.9 17.3 25.9
61 24.9 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 52.055 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

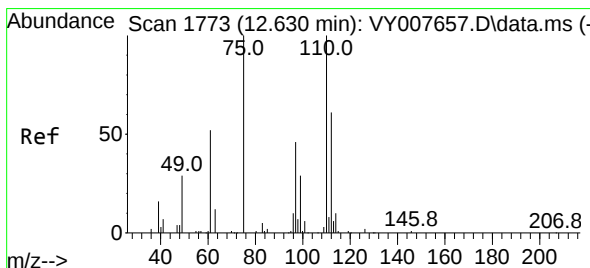
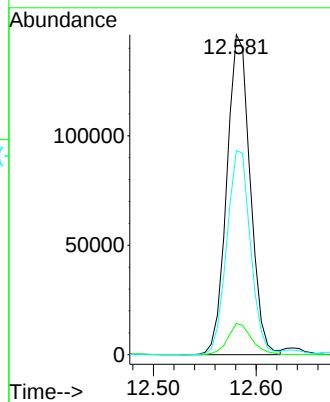
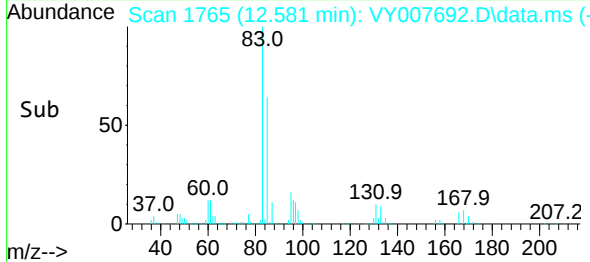
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



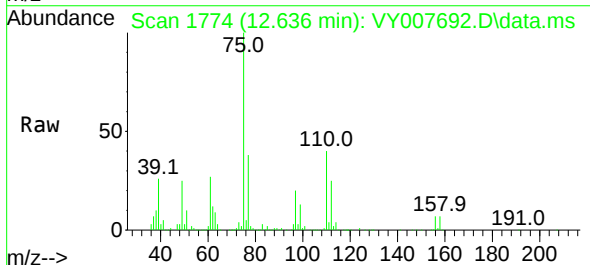
Tgt Ion: 83 Resp: 230928
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 64.8 32.3 96.8

Manual Integrations
APPROVED

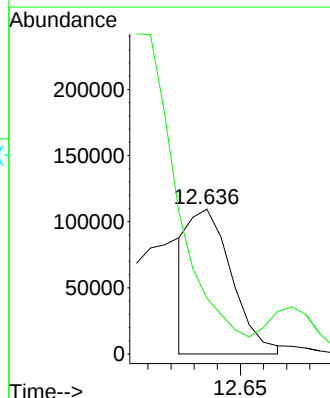
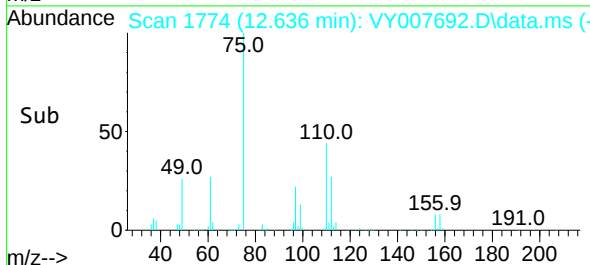
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

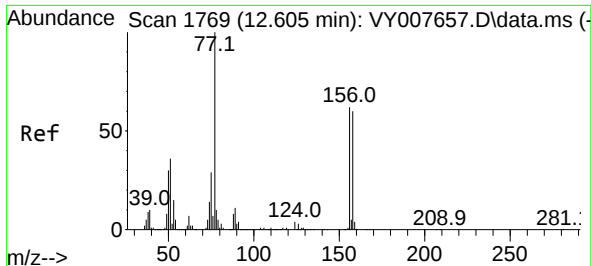


#76
1,2,3-Trichloropropane
Concen: 46.925 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



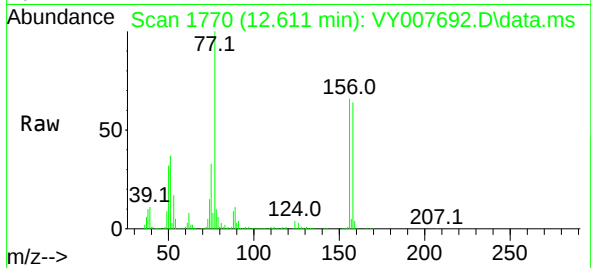
Tgt Ion: 75 Resp: 142281
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.602 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

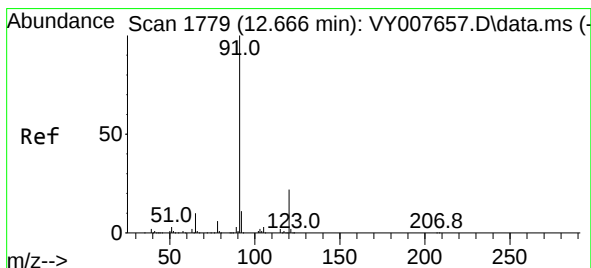
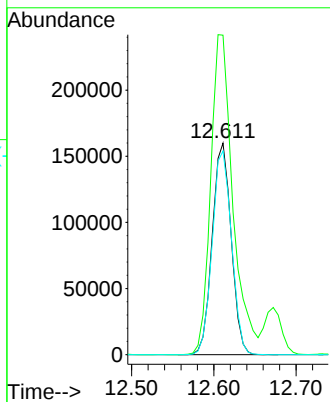
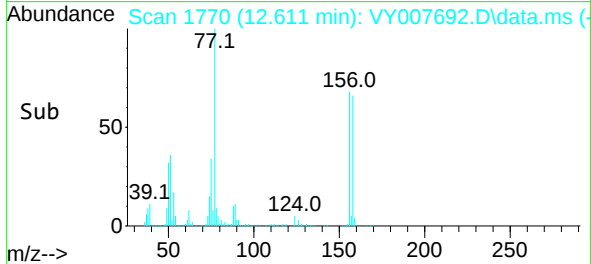
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



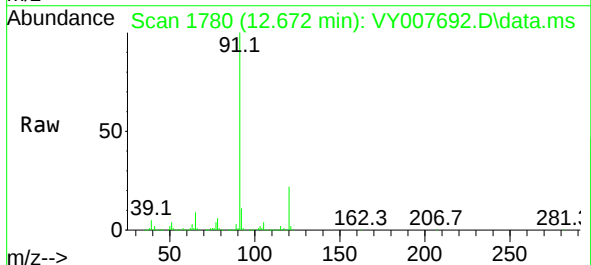
Tgt Ion:156 Resp: 256278
Ion Ratio Lower Upper
156 100
77 177.0 95.5 286.4
158 98.3 48.0 144.0

Manual Integrations
APPROVED

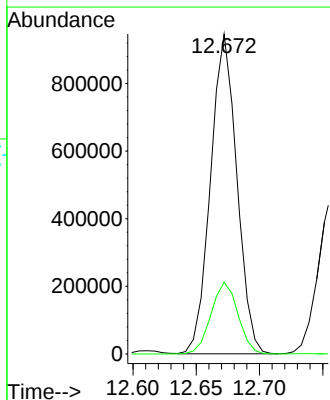
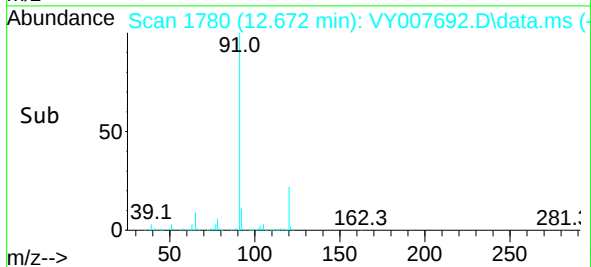
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

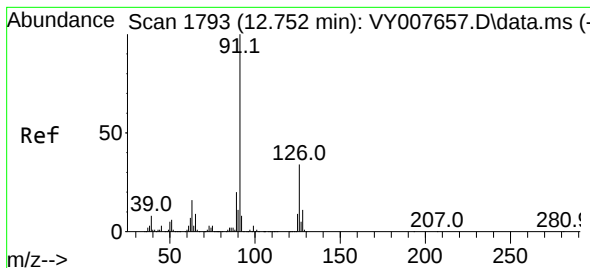


#78
n-propylbenzene
Concen: 53.563 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



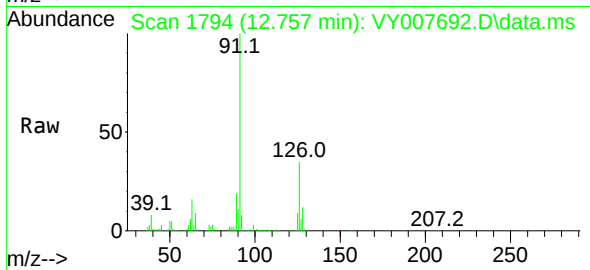
Tgt Ion: 91 Resp: 1367128
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79
2-Chlorotoluene
Concen: 52.823 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

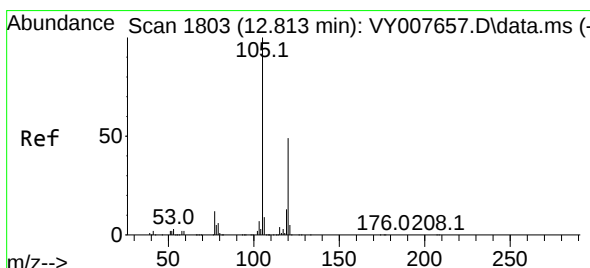
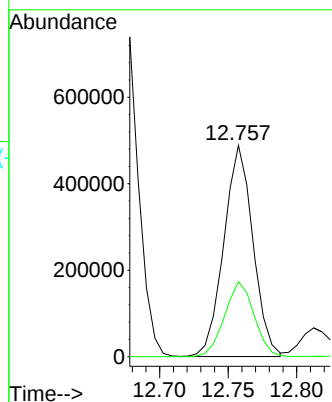
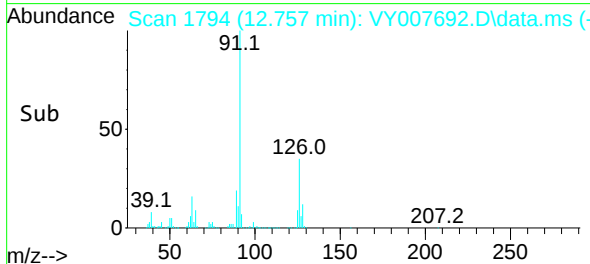
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



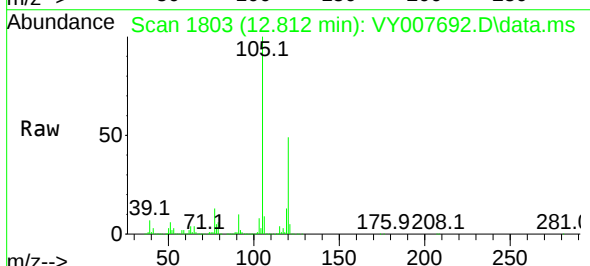
Tgt Ion: 91 Resp: 72145
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6

Manual Integrations
APPROVED

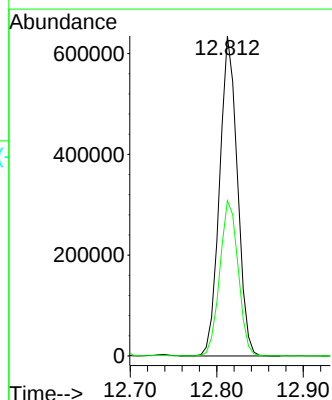
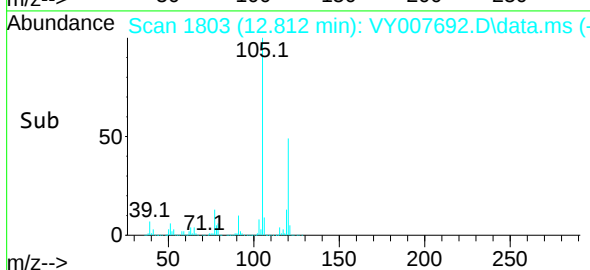
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

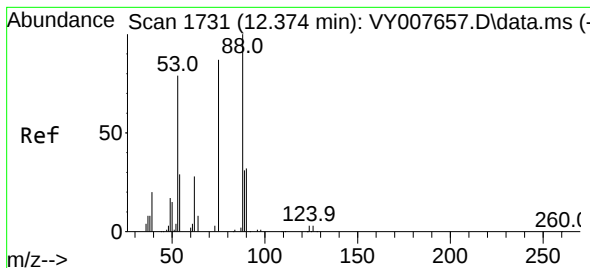


#80
1,3,5-Trimethylbenzene
Concen: 53.580 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



Tgt Ion:105 Resp: 906204
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





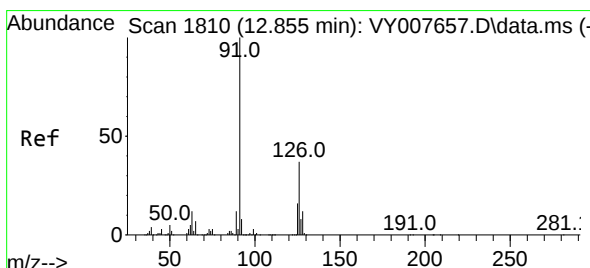
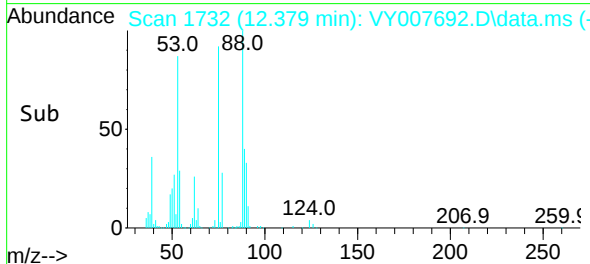
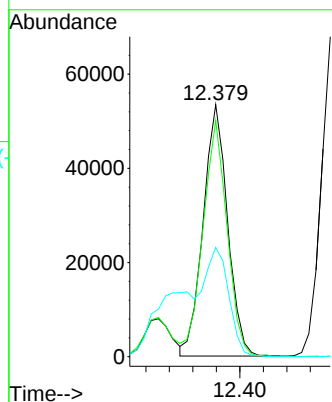
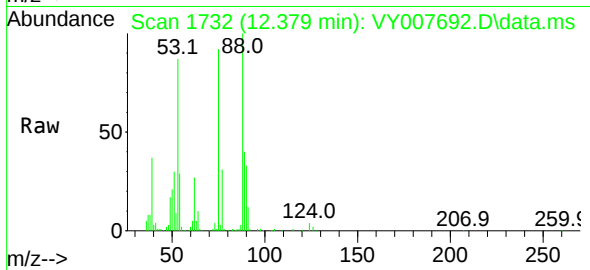
#81
trans-1,4-Dichloro-2-butene
Concen: 51.977 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.005 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 77089
Ion Ratio Lower Upper
75 100
53 93.2 85.3 127.9
89 44.9 37.0 55.4

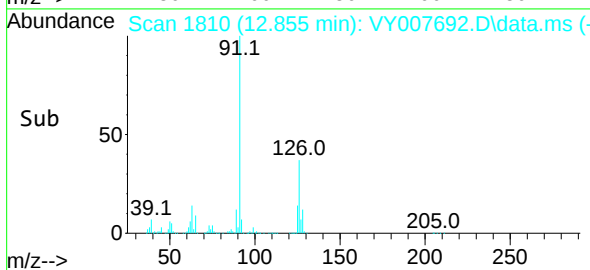
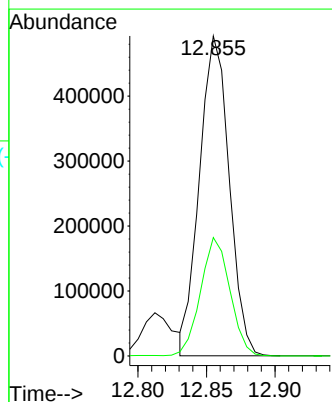
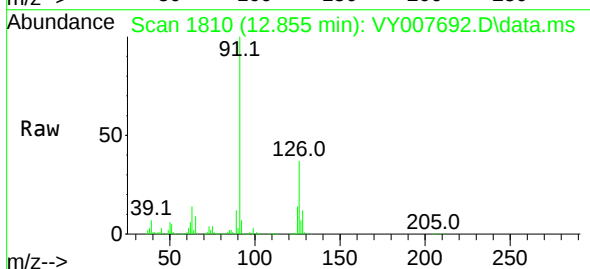
Manual Integrations
APPROVED

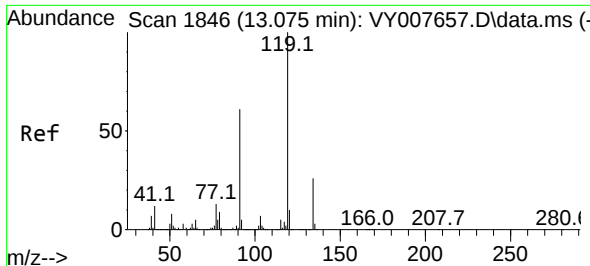
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#82
4-Chlorotoluene
Concen: 52.799 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

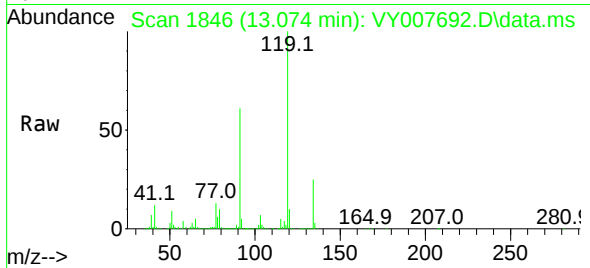
Tgt Ion: 91 Resp: 741745
Ion Ratio Lower Upper
91 100
126 36.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 53.030 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

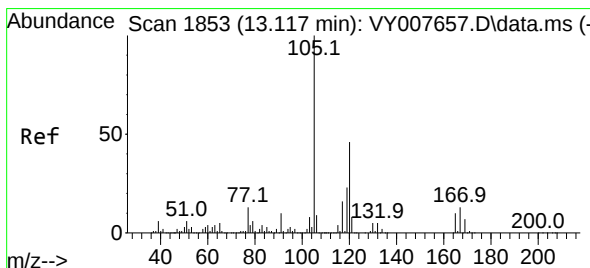
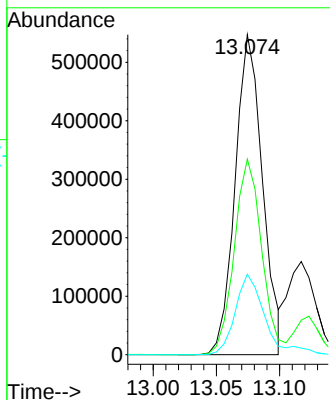
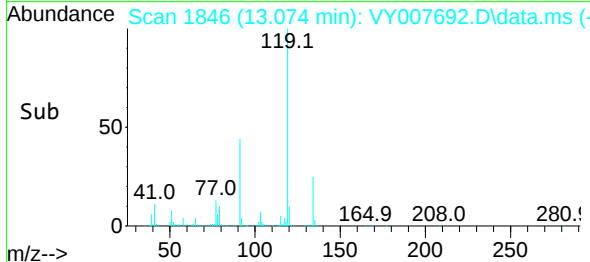
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



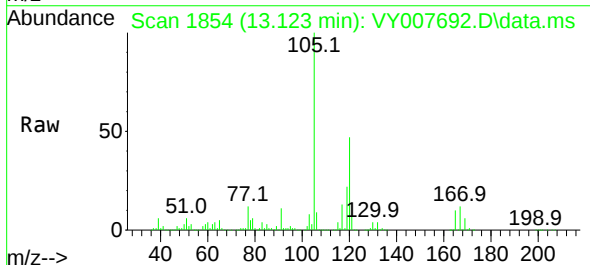
Tgt Ion:119 Resp: 824989
Ion Ratio Lower Upper
119 100
91 61.4 34.8 104.4
134 27.2 13.3 39.9

Manual Integrations
APPROVED

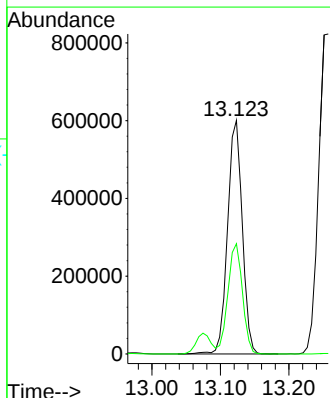
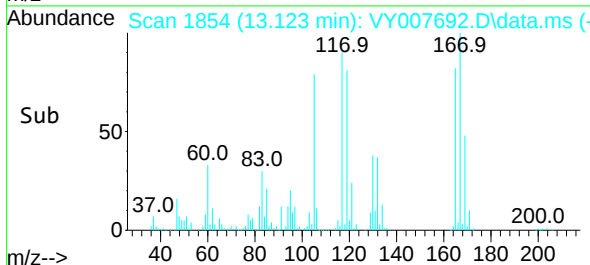
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

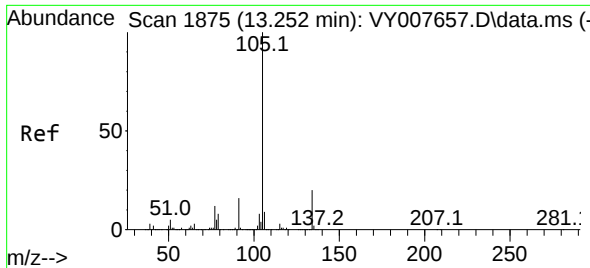


#84
1,2,4-Trimethylbenzene
Concen: 53.494 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



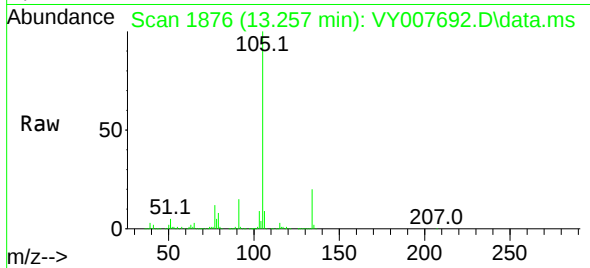
Tgt Ion:105 Resp: 891181
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 54.552 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.005 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30

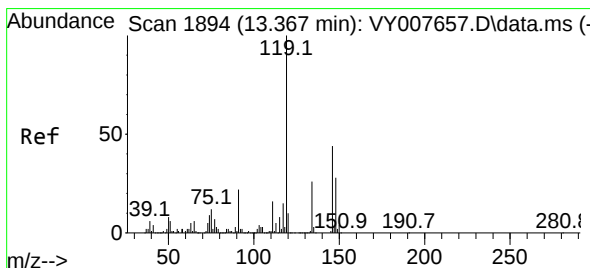
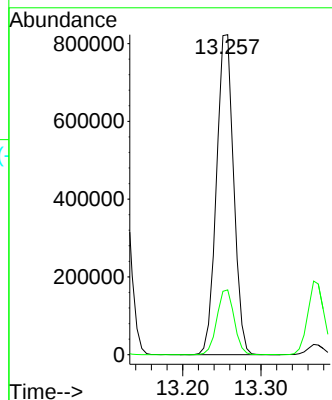
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 1255424
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

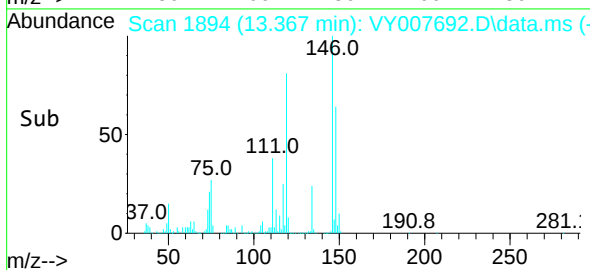
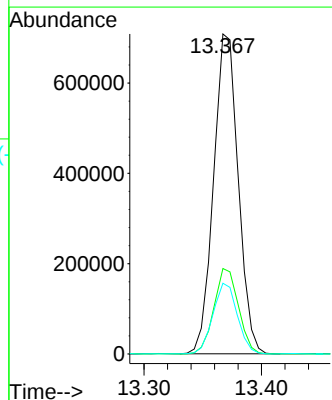
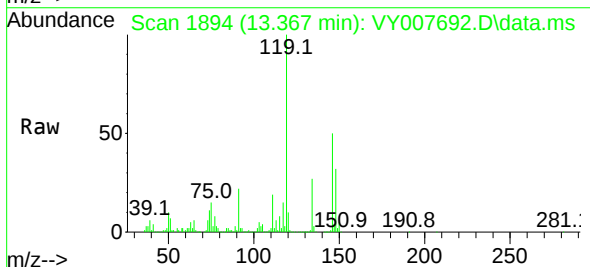
Manual Integrations
 APPROVED

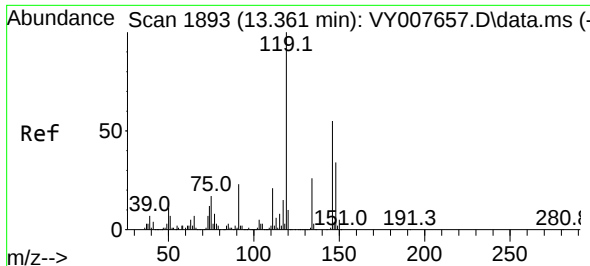
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#86
 p-Isopropyltoluene
 Concen: 54.330 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007692.D
 Acq: 03 Mar 2022 09:30

Tgt Ion:119 Resp: 1032674
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 21.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.015 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY007692.D

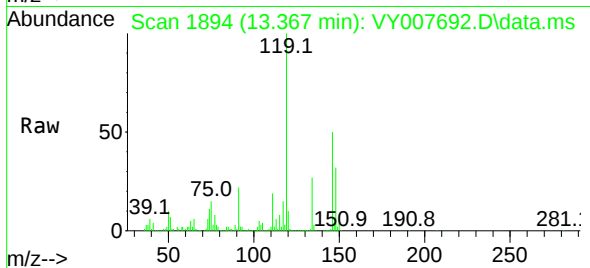
Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 52367

Ion Ratio Lower Upper

146 100

111 37.0 19.5 58.5

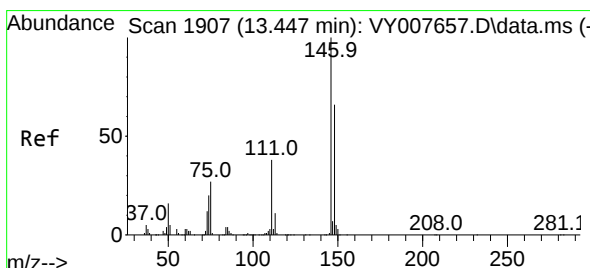
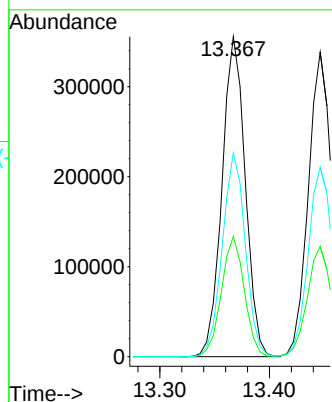
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#88

1,4-Dichlorobenzene

Concen: 53.240 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

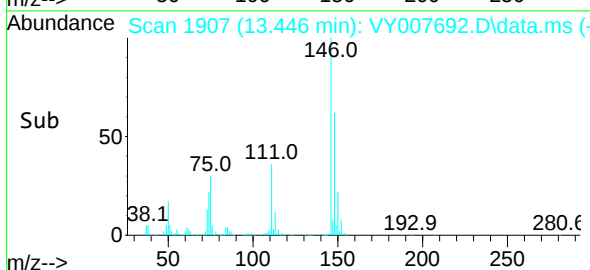
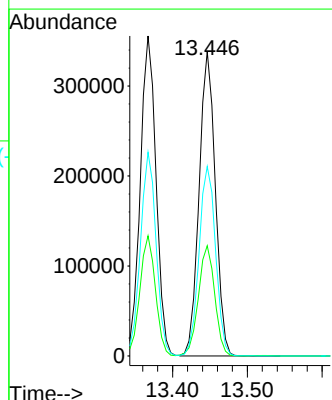
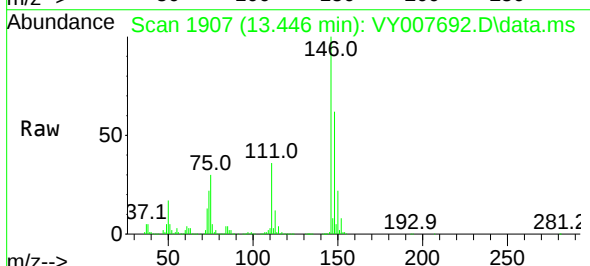
Tgt Ion:146 Resp: 509435

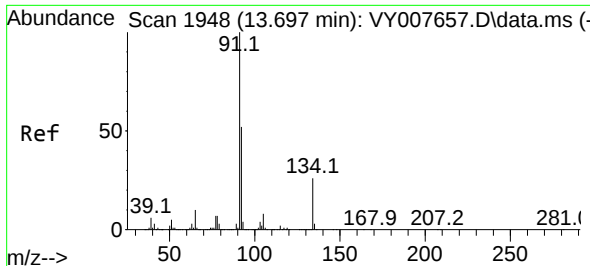
Ion Ratio Lower Upper

146 100

111 36.4 19.3 57.8

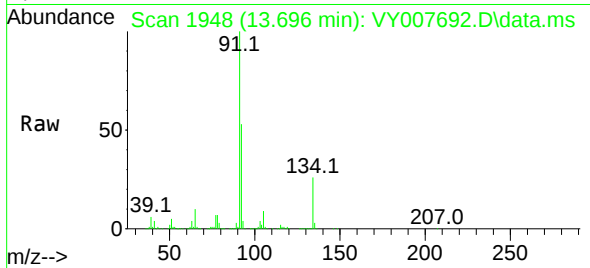
148 63.8 32.6 97.8





#89
n-Butylbenzene
Concen: 54.117 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

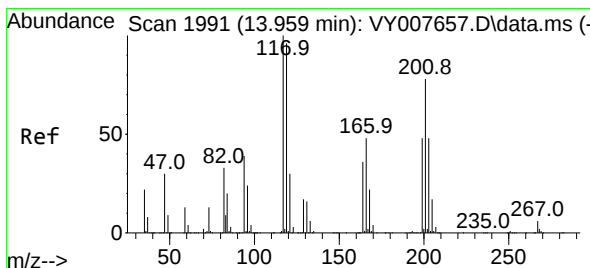
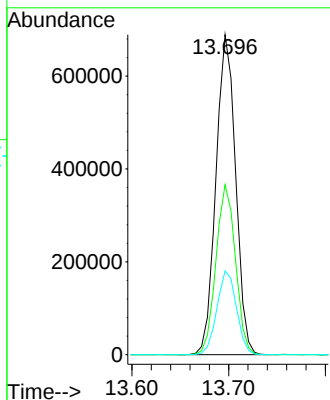
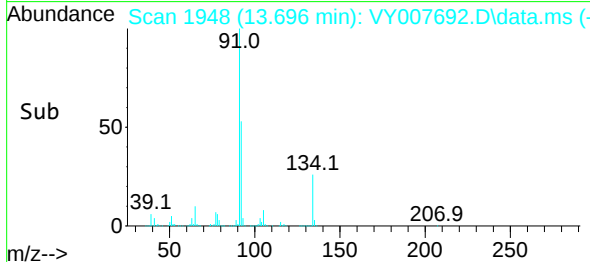
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 97218
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.1 13.0 38.9

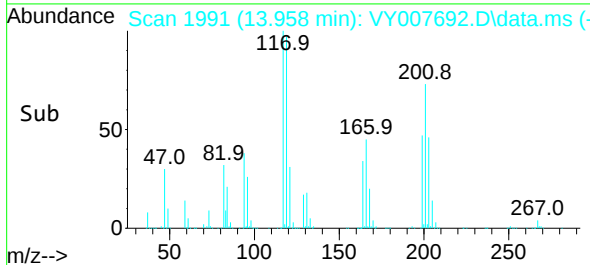
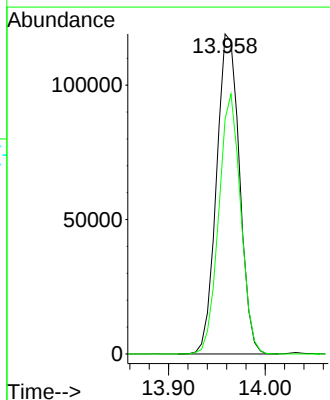
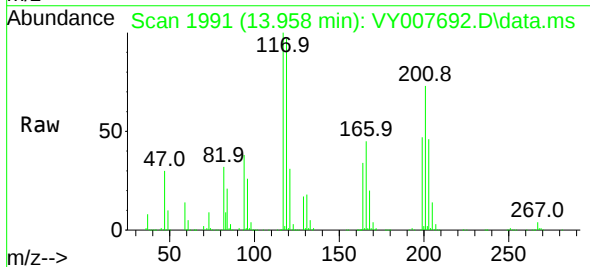
Manual Integrations
APPROVED

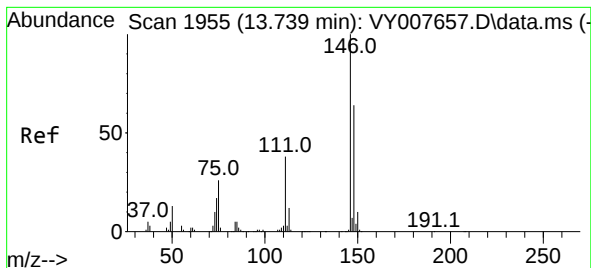
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#90
Hexachloroethane
Concen: 54.484 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

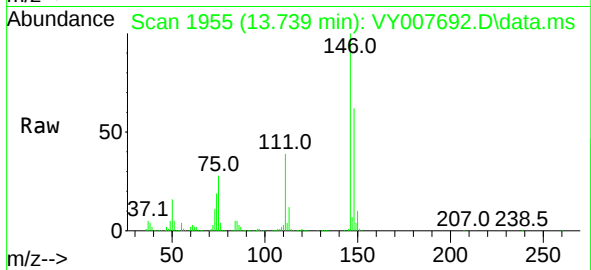
Tgt Ion:117 Resp: 196303
Ion Ratio Lower Upper
117 100
201 77.3 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 52.981 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30

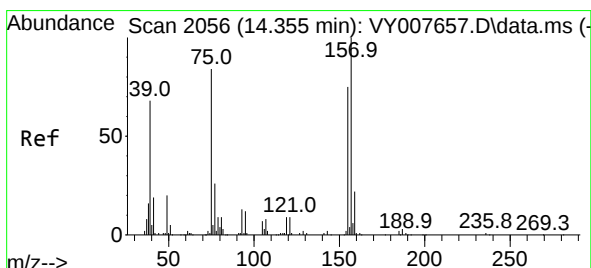
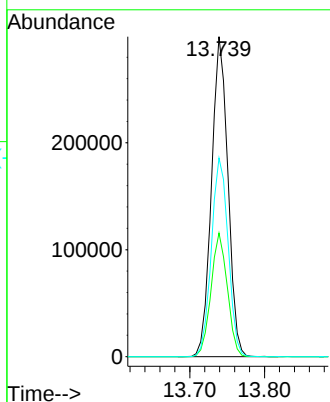
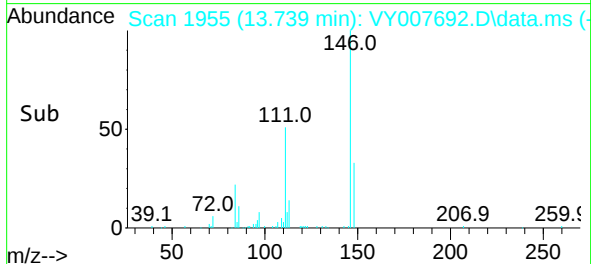
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



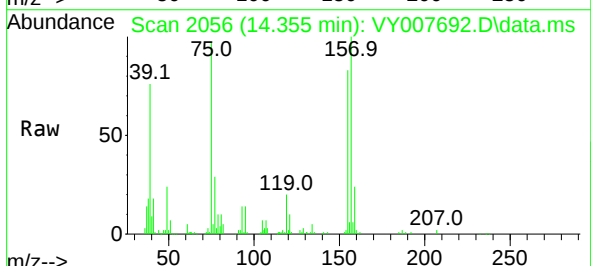
Tgt Ion:146 Resp: 456093
Ion Ratio Lower Upper
146 100
111 38.4 20.3 60.9
148 63.5 32.3 96.9

Manual Integrations
APPROVED

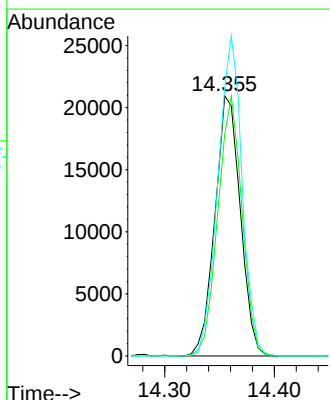
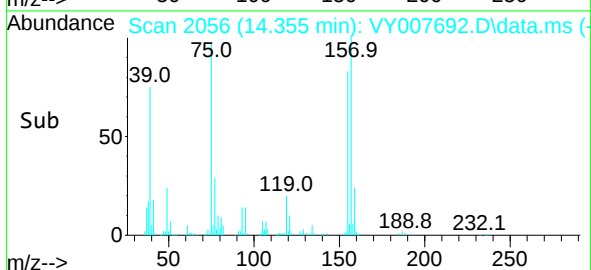
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

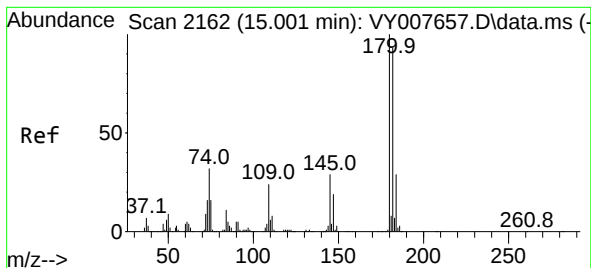


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.098 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007692.D
Acq: 03 Mar 2022 09:30



Tgt Ion: 75 Resp: 33658
Ion Ratio Lower Upper
75 100
155 94.9 38.0 113.9
157 116.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 52.535 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 286318

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

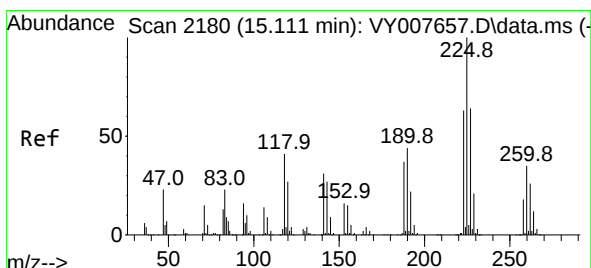
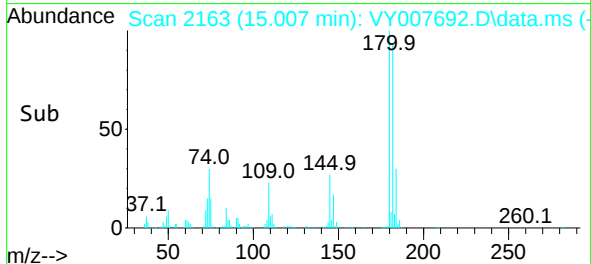
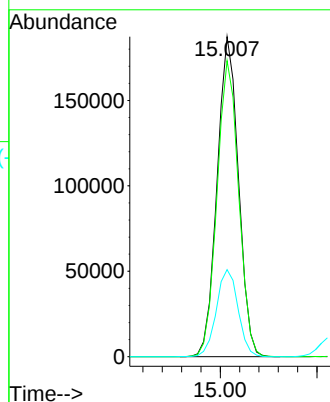
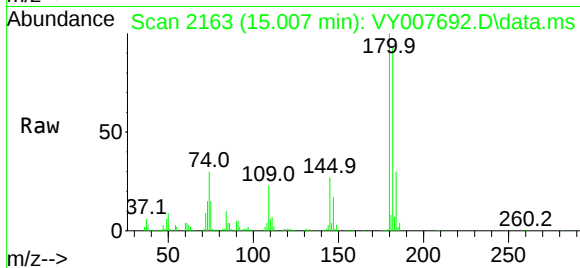
145 27.7 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#94

Hexachlorobutadiene

Concen: 52.746 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

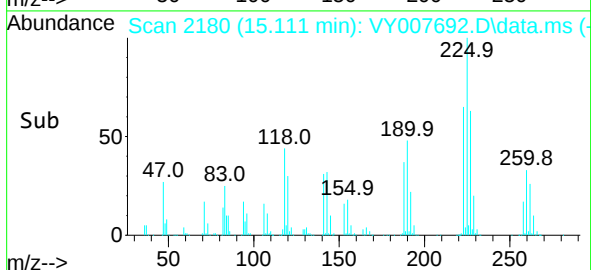
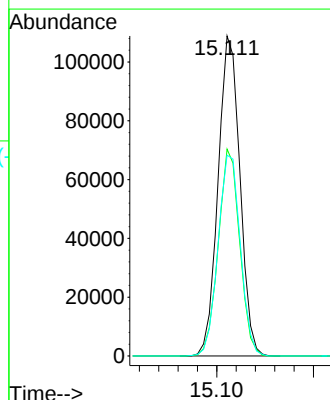
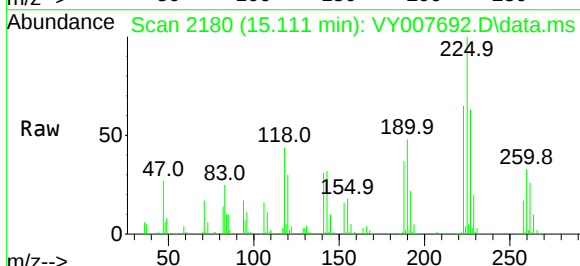
Tgt Ion:225 Resp: 169960

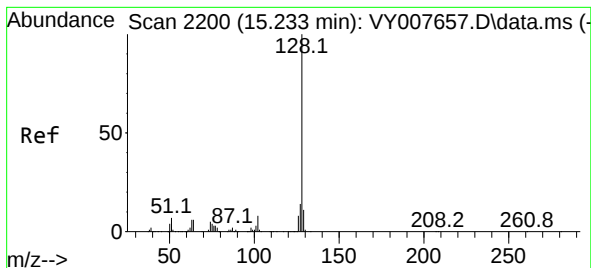
Ion Ratio Lower Upper

225 100

223 63.3 30.8 92.3

227 64.2 31.6 94.7





#95

Naphthalene

Concen: 50.627 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 56131

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

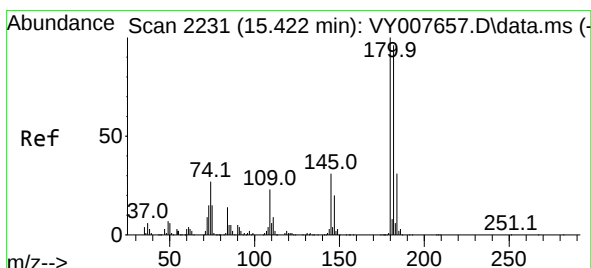
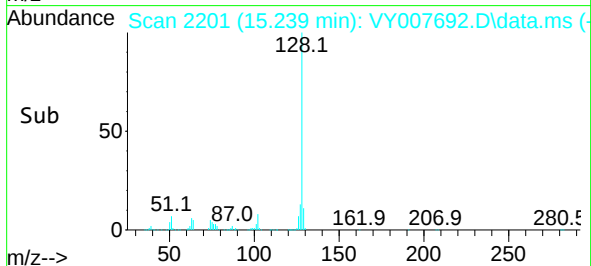
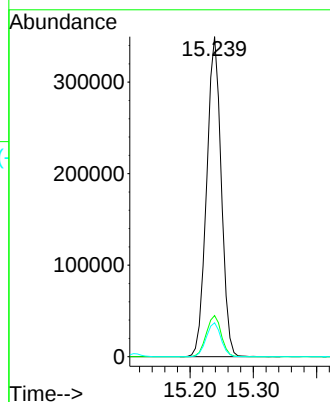
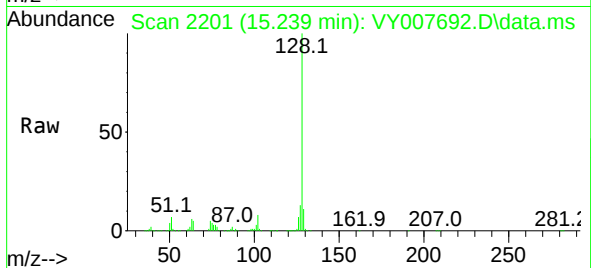
129 10.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.648 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007692.D

Acq: 03 Mar 2022 09:30

Tgt Ion:180 Resp: 250871

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 29.4 15.3 45.9

