

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007350.D
 Acq On : 02 Feb 2022 12:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 04:28:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:23:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82543	49.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.400%		
35) Dibromofluoromethane	7.722	113	76367	48.650	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.300%		
50) Toluene-d8	10.185	98	284565	49.069	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.483	95	94073	47.725	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	80717	47.745	ug/l	99
3) Chloromethane	2.113	50	94167	45.447	ug/l	99
4) Vinyl Chloride	2.253	62	98054	49.185	ug/l	100
5) Bromomethane	2.656	94	61468	50.904	ug/l	94
6) Chloroethane	2.802	64	61003	49.826	ug/l	94
7) Trichlorofluoromethane	3.131	101	161081	49.862	ug/l	95
8) Diethyl Ether	3.534	74	47513	49.548	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	89686	49.294	ug/l	93
10) Methyl Iodide	4.094	142	106808	54.455	ug/l	94
11) Tert butyl alcohol	4.948	59	47342	178.175	ug/l	99
12) 1,1-Dichloroethene	3.881	96	84167	50.081	ug/l	88
13) Acrolein	3.735	56	56116	251.508	ug/l	98
14) Allyl chloride	4.485	41	130168	50.426	ug/l #	95
15) Acrylonitrile	5.167	53	110721	245.759	ug/l	99
16) Acetone	3.948	43	156525	290.175	ug/l	92
17) Carbon Disulfide	4.204	76	265843	50.386	ug/l	99
18) Methyl Acetate	4.485	43	48901	48.401	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	236074	49.858	ug/l	96
20) Methylene Chloride	4.722	84	88998	47.186	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	92566	49.787	ug/l	88
22) Diisopropyl ether	6.125	45	266718	49.312	ug/l #	95
23) Vinyl Acetate	6.064	43	883151	250.364	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	161797	49.530	ug/l	99
25) 2-Butanone	6.990	43	175619	269.470	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	156775	50.156	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	102682	49.999	ug/l	91
28) Bromochloromethane	7.338	49	63424	49.655	ug/l #	86
29) Tetrahydrofuran	7.350	42	94781	251.677	ug/l #	88
30) Chloroform	7.508	83	168433	49.566	ug/l	100
31) Cyclohexane	7.789	56	155540	47.994	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	158132	50.069	ug/l	96
36) 1,1-Dichloropropene	7.923	75	135205	49.269	ug/l	100
37) Ethyl Acetate	7.076	43	66266	48.571	ug/l	96
38) Carbon Tetrachloride	7.905	117	144040	49.960	ug/l	98
39) Methylcyclohexane	9.185	83	171654	49.808	ug/l	91
40) Benzene	8.167	78	359593	49.435	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	36232m	41.732	ug/l	
42) 1,2-Dichloroethane	8.240	62	109050	49.317	ug/l	95
43) Isopropyl Acetate	8.277	43	127282	49.886	ug/l #	91
44) Trichloroethene	8.941	130	96877	49.257	ug/l	88
45) 1,2-Dichloropropane	9.222	63	87645	48.864	ug/l	97
46) Dibromomethane	9.307	93	52701	49.386	ug/l	91
47) Bromodichloromethane	9.496	83	129104	50.030	ug/l	99
48) Methyl methacrylate	9.295	41	57893	50.173	ug/l #	89
49) 1,4-Dioxane	9.301	88	12628	1080.309	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	324120	250.477	ug/l	92
52) Toluene	10.246	92	226827	49.492	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	135806	50.376	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	151552	50.190	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	69342	49.476	ug/l	97
56) Ethyl methacrylate	10.508	69	98178	50.434	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	121945	49.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	254028	250.865	ug/l	97
59) 2-Hexanone	10.831	43	253092	268.280	ug/l	90
60) Dibromochloromethane	10.983	129	86579	49.621	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69002	49.764	ug/l	100
64) Tetrachloroethene	10.721	164	83937	50.029	ug/l	96
65) Chlorobenzene	11.520	112	236857	49.803	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	88588	49.898	ug/l	98
67) Ethyl Benzene	11.593	91	446445	49.469	ug/l	99
68) m/p-Xylenes	11.703	106	336633	100.711	ug/l	98
69) o-Xylene	12.032	106	159344	50.421	ug/l	98
70) Styrene	12.044	104	264065	50.688	ug/l	98
71) Bromoform	12.209	173	49703	50.741	ug/l #	98
73) Isopropylbenzene	12.331	105	425439	49.385	ug/l	98
74) N-amyl acetate	12.142	43	109028	51.130	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	77825	49.469	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	58677m	51.673	ug/l	
77) Bromobenzene	12.611	156	89510	49.327	ug/l	97
78) n-propylbenzene	12.672	91	525178	50.331	ug/l	99
79) 2-Chlorotoluene	12.758	91	287233	49.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	354534	50.448	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	29106	52.037	ug/l #	73
82) 4-Chlorotoluene	12.855	91	296167	49.913	ug/l	98
83) tert-Butylbenzene	13.075	119	306339	50.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	347283	50.189	ug/l	99
85) sec-Butylbenzene	13.251	105	458744	49.991	ug/l	98
86) p-Isopropyltoluene	13.367	119	378103	50.580	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	177050	50.322	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	173953	49.599	ug/l	97
89) n-Butylbenzene	13.696	91	363925	50.581	ug/l	99
90) Hexachloroethane	13.959	117	71422	50.556	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	152465	49.232	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12751	49.875	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	92964	50.690	ug/l	98
94) Hexachlorobutadiene	15.111	225	51544	50.770	ug/l	99
95) Naphthalene	15.233	128	197303	51.769	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	77601	50.127	ug/l	98

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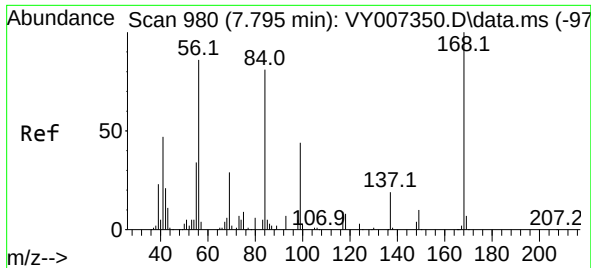
Manual Integrations
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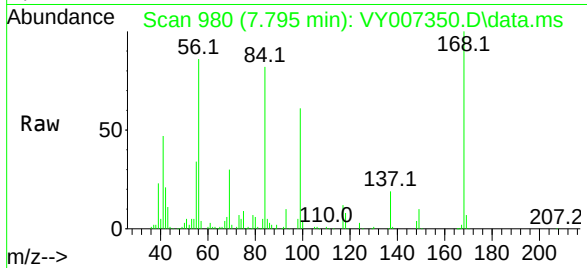
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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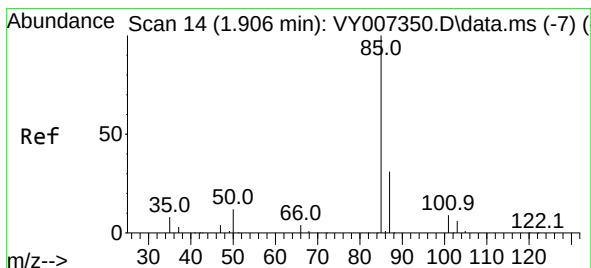
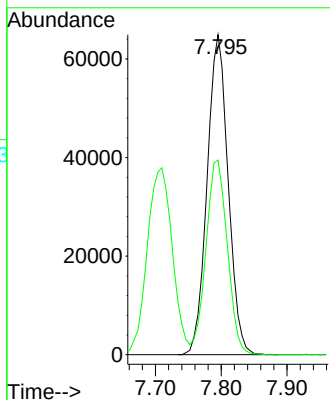
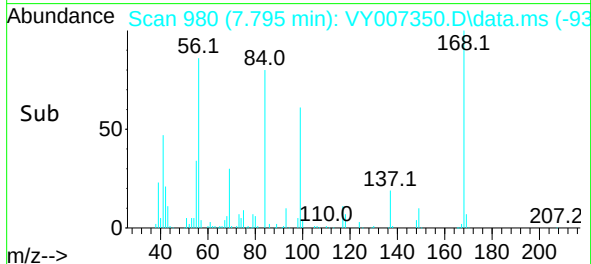
Instrument :
MSVOA_Y
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VSTDICCC050



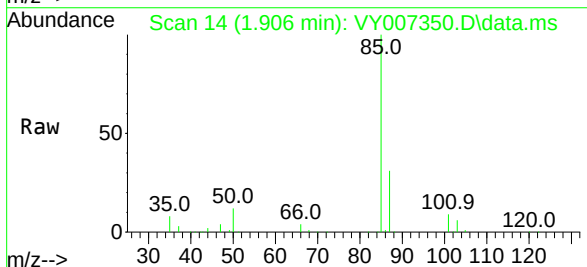
Tgt Ion:168 Resp: 14439
Ion Ratio Lower Upper
168 100
99 60.8 46.9 70.3

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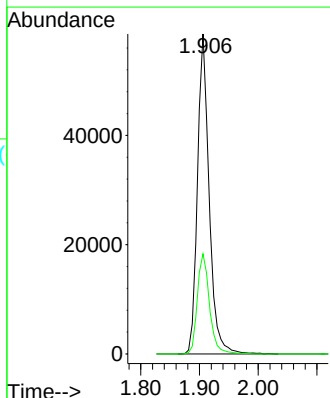
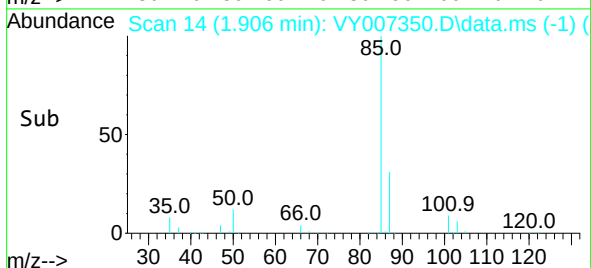
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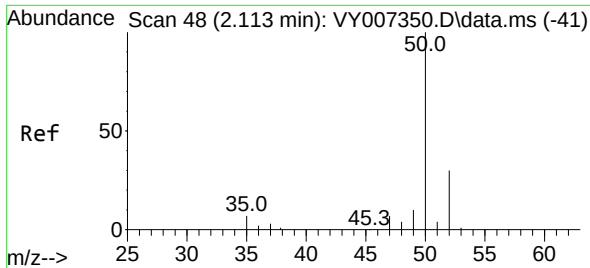


#2
Dichlorodifluoromethane
Concen: 47.745 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 85 Resp: 80717
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





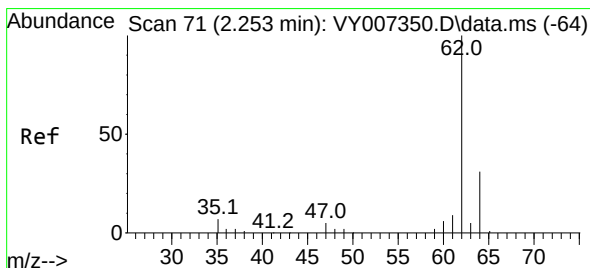
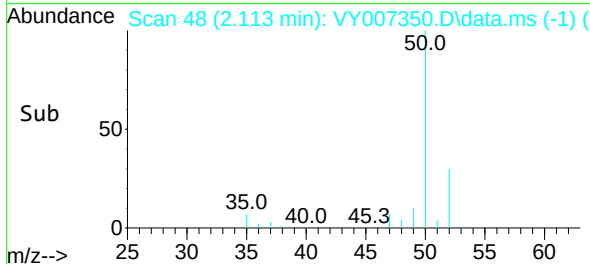
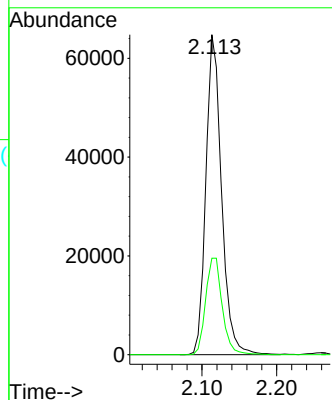
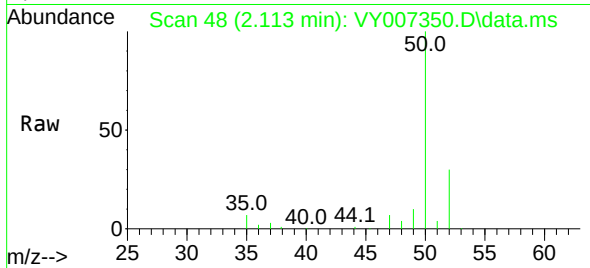
#3
Chloromethane
Concen: 45.447 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007350.D
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Tgt Ion: 50 Resp: 9416
Ion Ratio Lower Upper
50 100
52 30.1 24.6 37.0

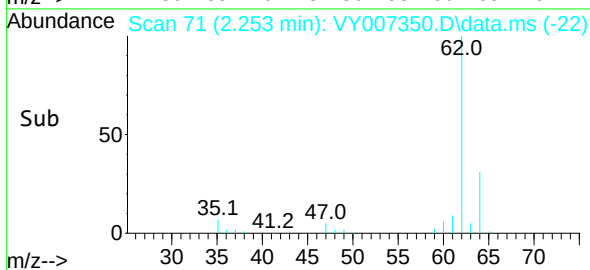
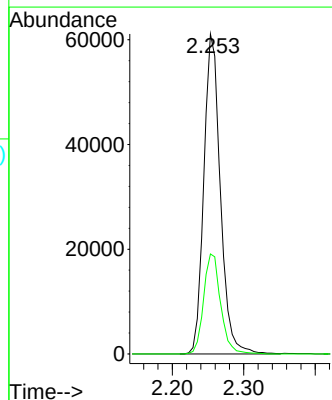
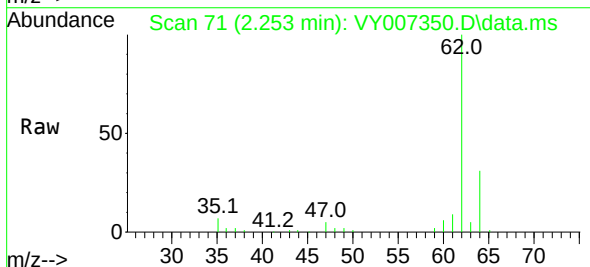
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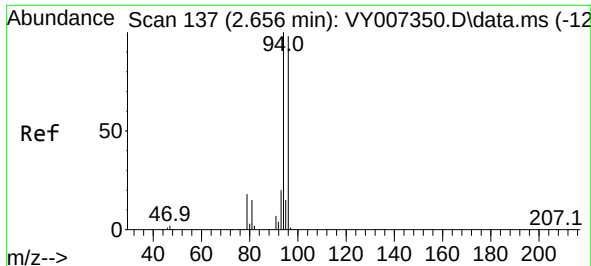
Reviewed By :John Carlone 02/03/2022
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#4
Vinyl Chloride
Concen: 49.185 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

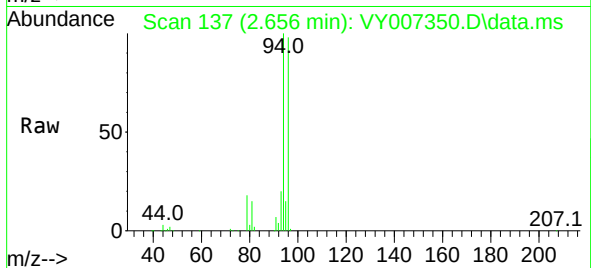
Tgt Ion: 62 Resp: 98054
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 50.904 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

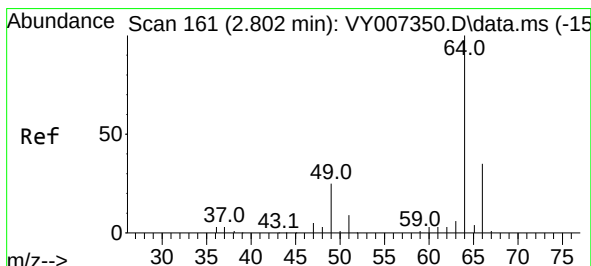
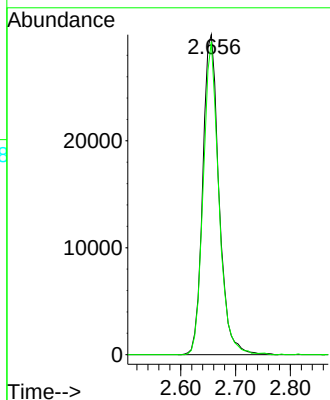
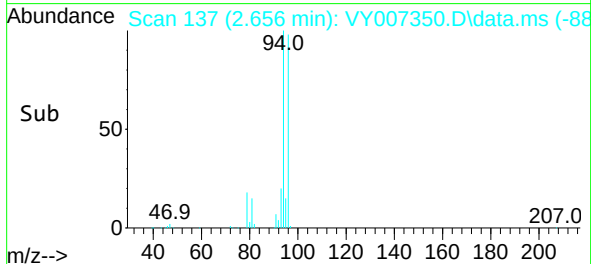
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Tgt Ion: 94 Resp: 61468
Ion Ratio Lower Upper
94 100
96 97.8 73.5 110.3

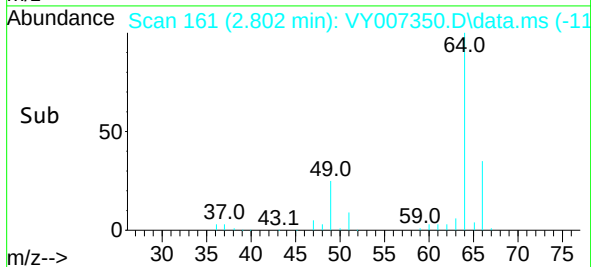
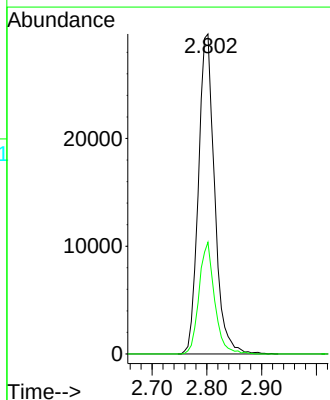
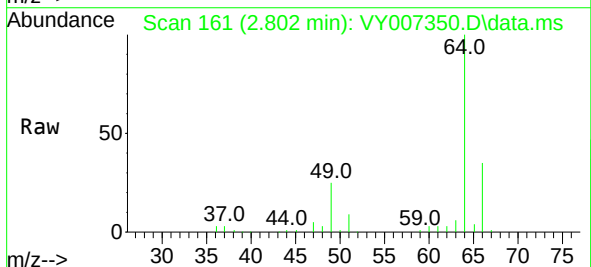
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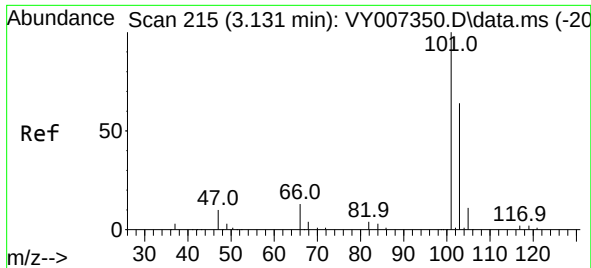
Reviewed By :John Carlone 02/03/2022
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#6
Chloroethane
Concen: 49.826 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007350.D
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Tgt Ion: 64 Resp: 61003
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.0





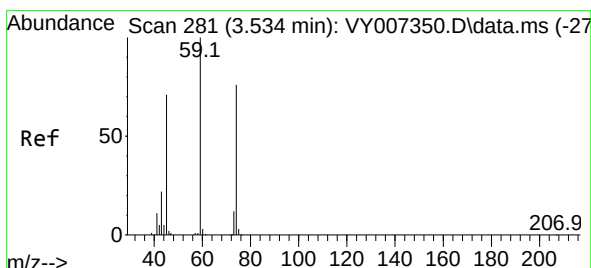
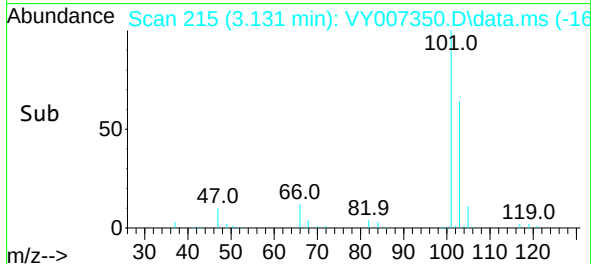
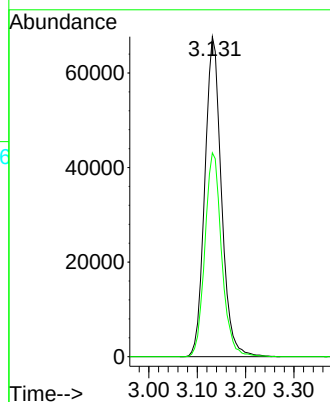
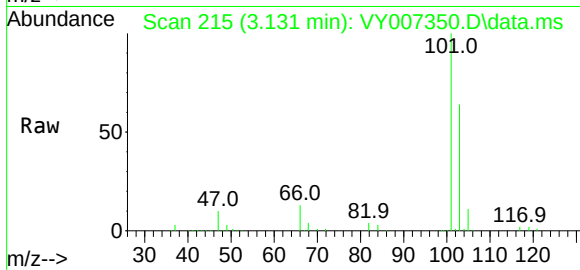
#7
Trichlorofluoromethane
Concen: 49.862 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Instrument :
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ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 16108
Ion Ratio Lower Upper
101 100
103 63.7 48.0 72.0

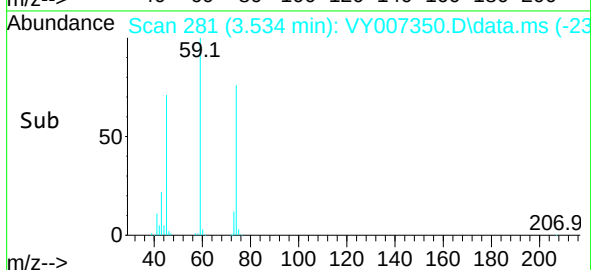
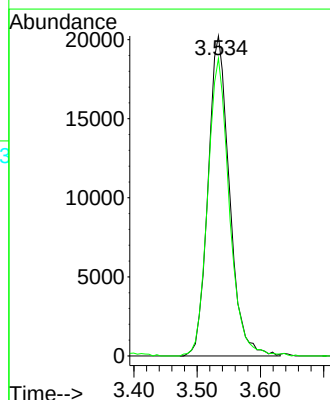
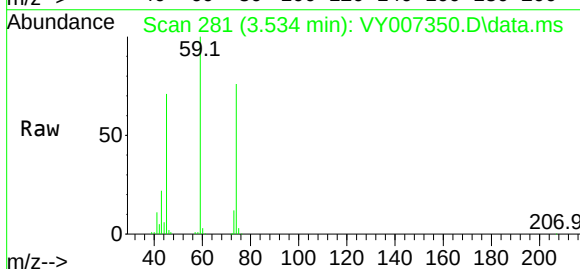
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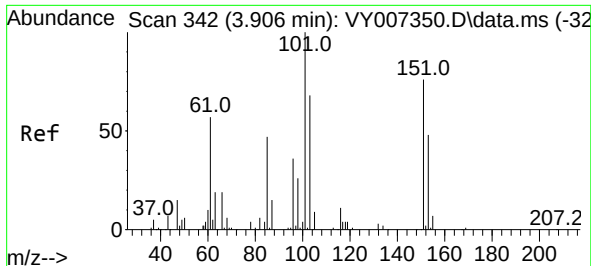
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#8
Diethyl Ether
Concen: 49.548 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 47513
Ion Ratio Lower Upper
74 100
45 94.3 55.1 165.5





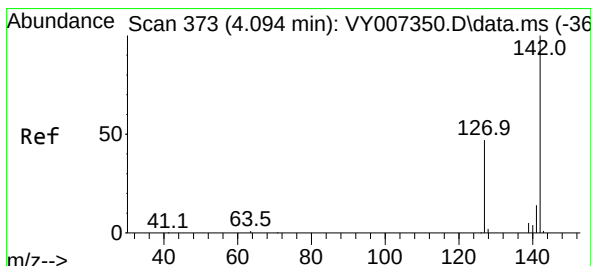
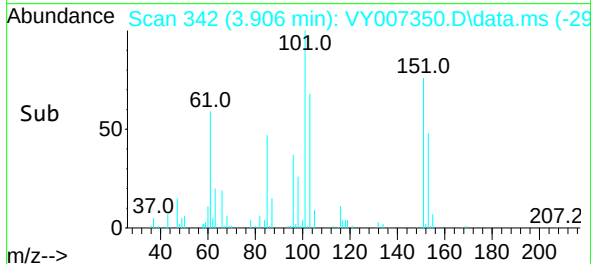
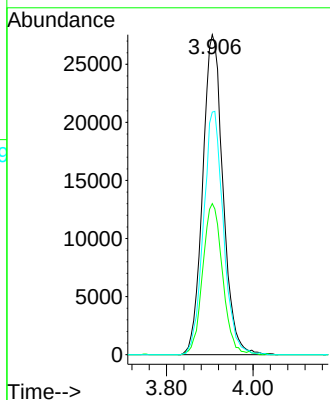
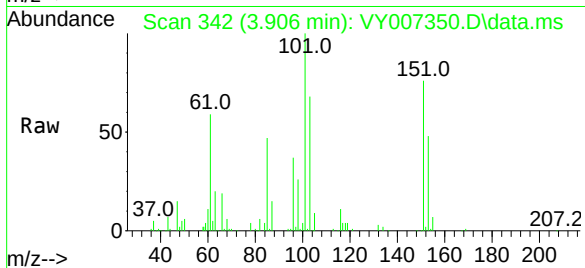
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.294 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 89680
Ion Ratio Lower Upper
101 100
85 46.3 40.6 60.8
151 74.8 64.9 97.3

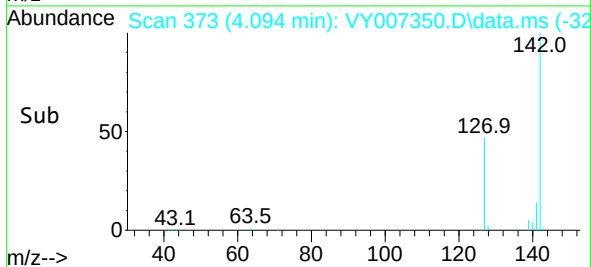
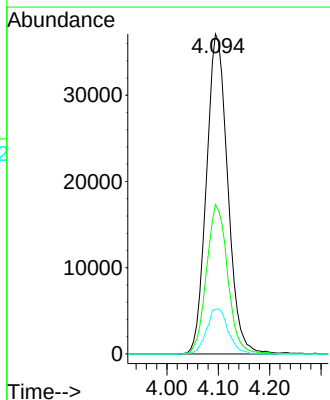
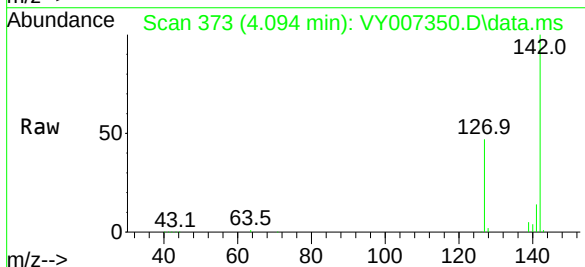
Manual Integrations
APPROVED

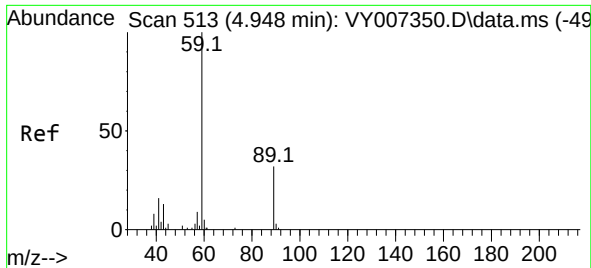
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#10
Methyl Iodide
Concen: 54.455 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

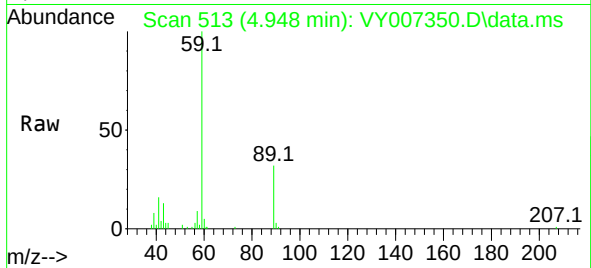
Tgt Ion:142 Resp: 106808
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.3 11.9 17.9





#11
Tert butyl alcohol
Concen: 178.175 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

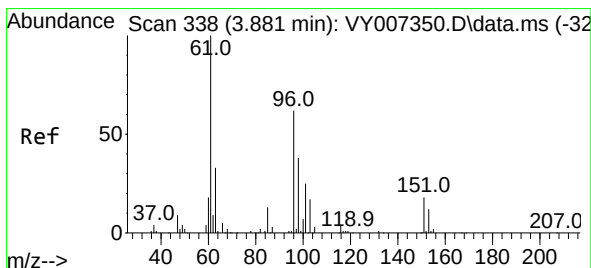
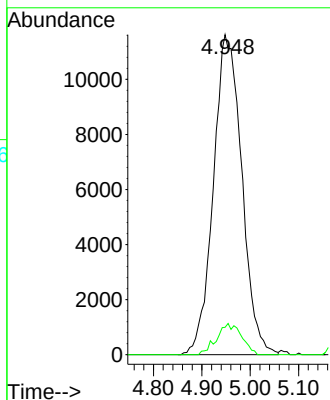
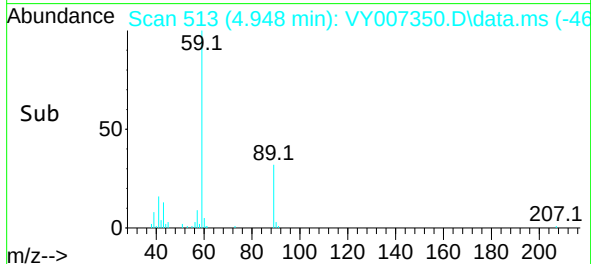
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



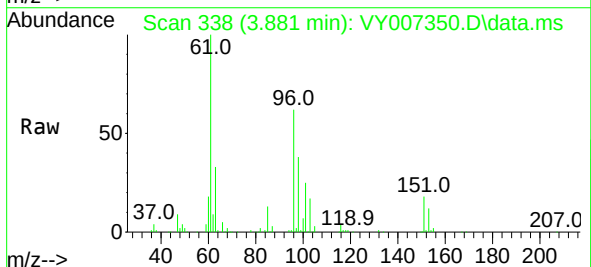
Tgt Ion: 59 Resp: 47342
Ion Ratio Lower Upper
59 100
57 8.5 6.4 9.6

Manual Integrations
APPROVED

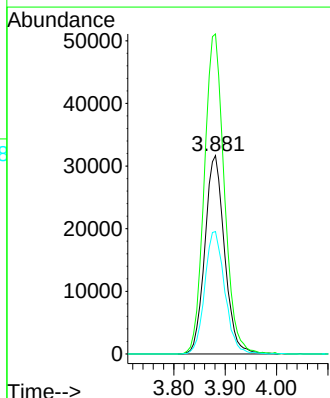
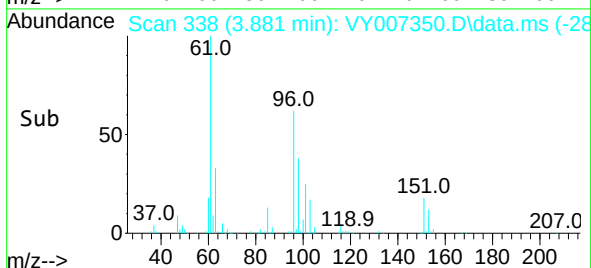
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

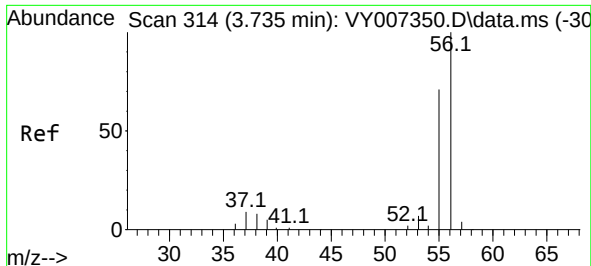


#12
1,1-Dichloroethene
Concen: 50.081 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 96 Resp: 84167
Ion Ratio Lower Upper
96 100
61 161.3 145.8 218.6
98 61.7 52.5 78.7





#13

Acrolein

Concen: 251.508 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 56110

Ion Ratio Lower Upper

56 100

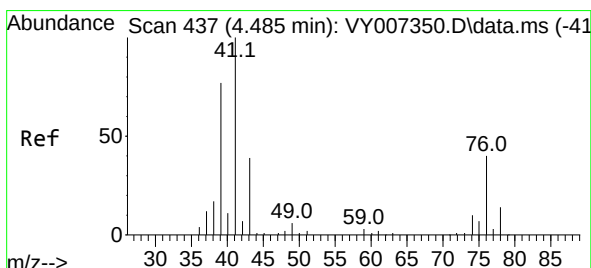
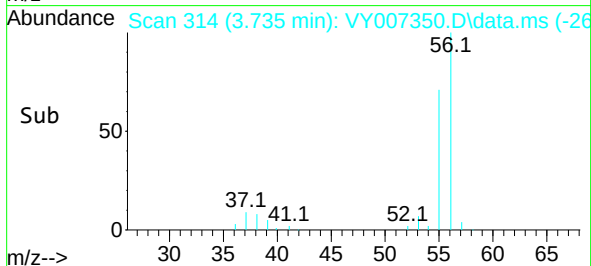
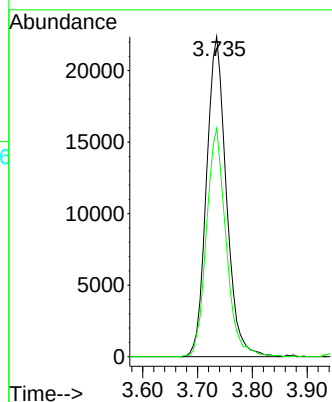
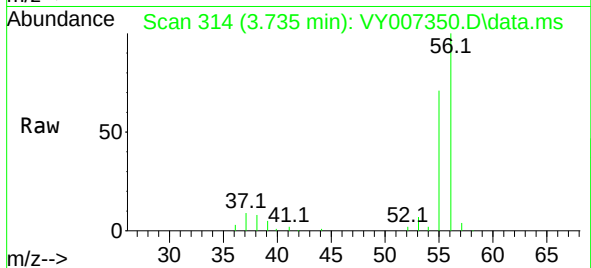
55 70.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#14

Allyl chloride

Concen: 50.426 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

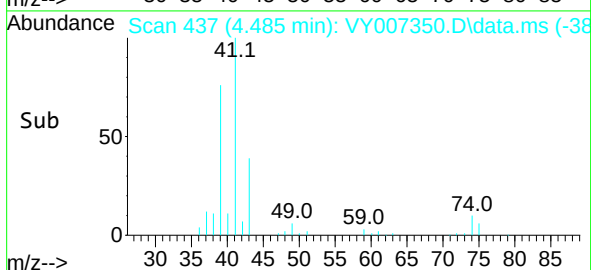
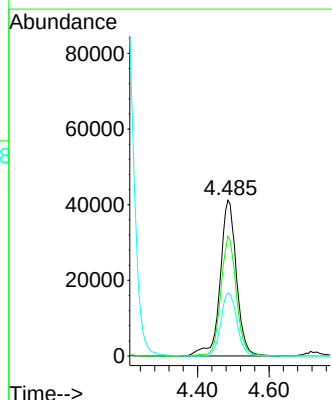
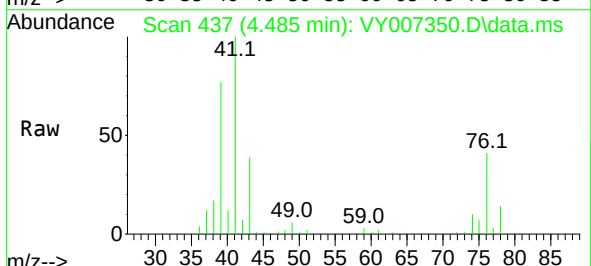
Tgt Ion: 41 Resp: 130168

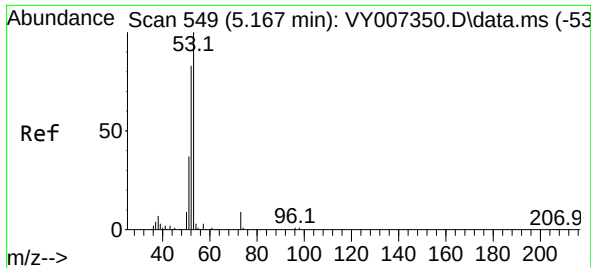
Ion Ratio Lower Upper

41 100

39 73.1 58.8 88.2

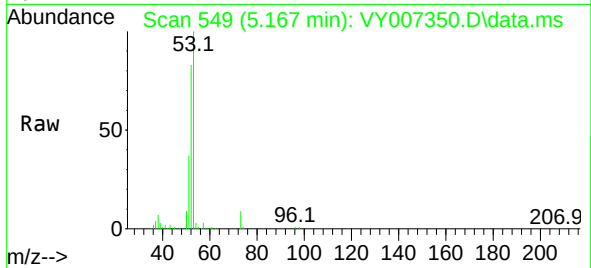
76 39.6 25.1 37.7#





#15
Acrylonitrile
Concen: 245.759 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

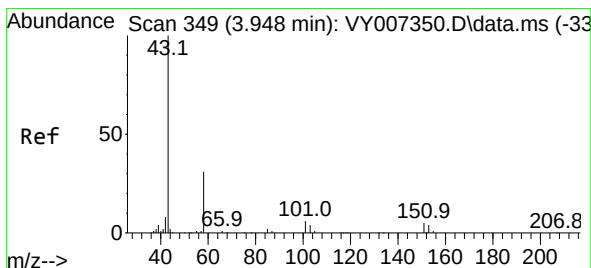
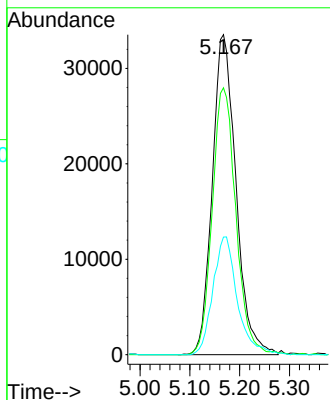
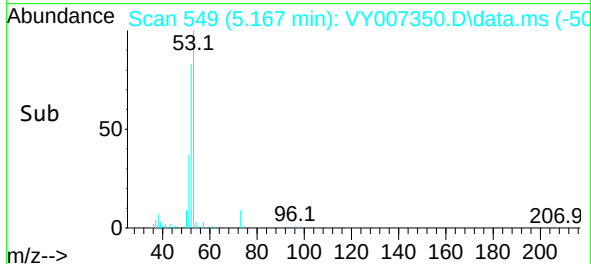
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



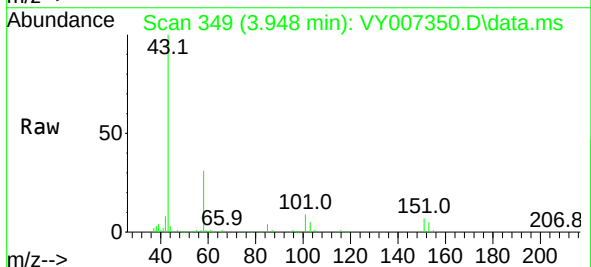
Tgt Ion: 53 Resp: 11072
Ion Ratio Lower Upper
53 100
52 83.4 67.0 100.4
51 37.9 29.8 44.6

Manual Integrations
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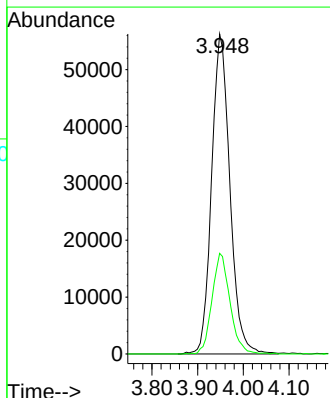
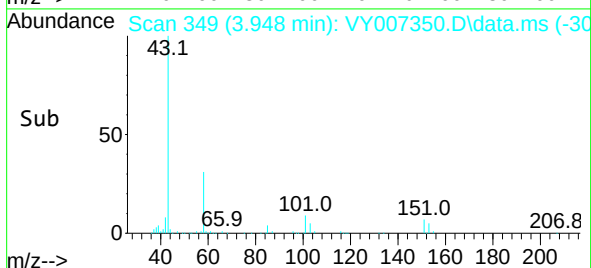
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

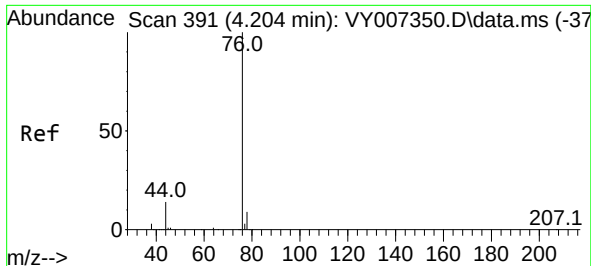


#16
Acetone
Concen: 290.175 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



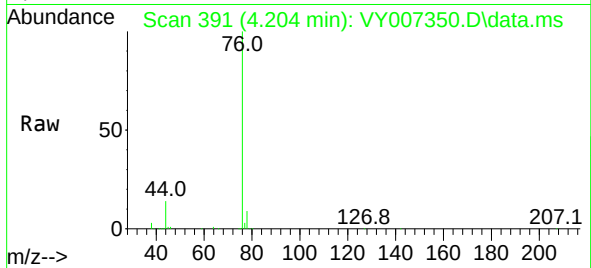
Tgt Ion: 43 Resp: 156525
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0





#17
Carbon Disulfide
Concen: 50.386 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

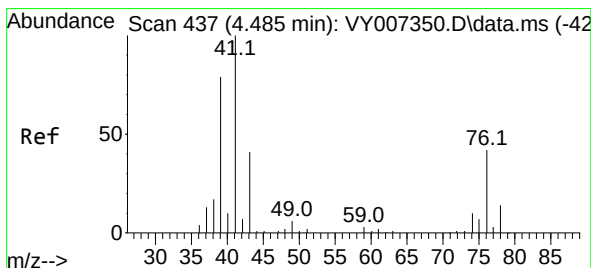
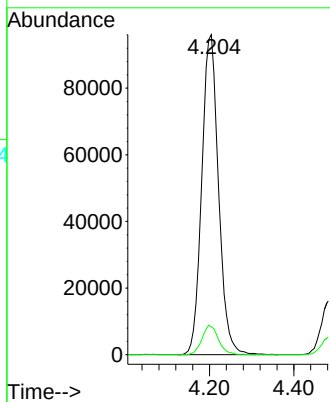
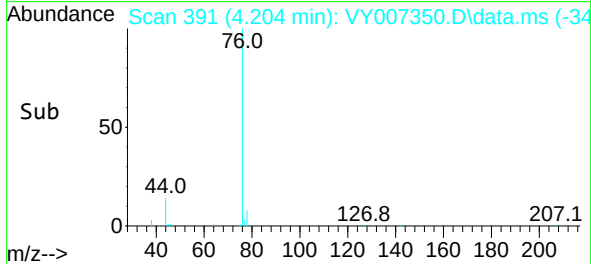
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 26584
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

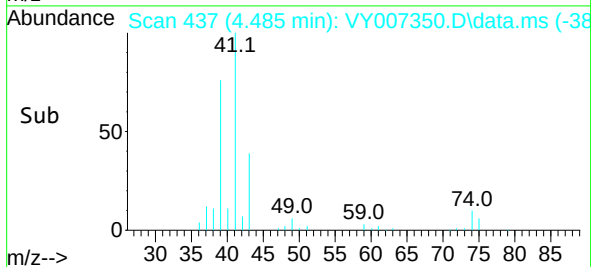
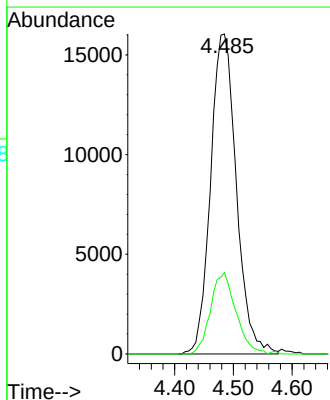
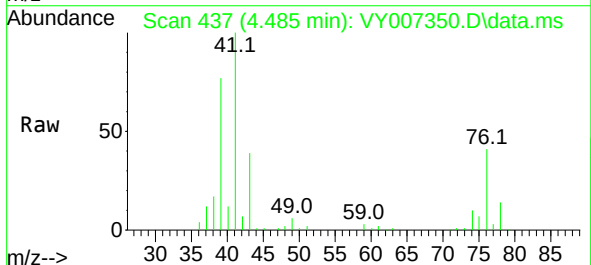
Manual Integrations
APPROVED

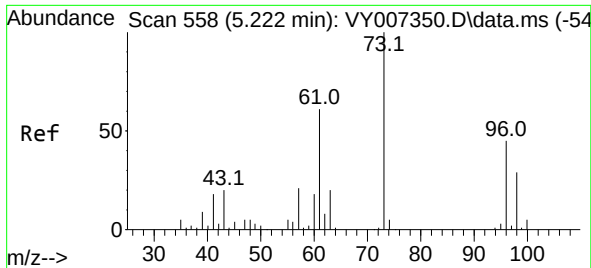
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#18
Methyl Acetate
Concen: 48.401 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

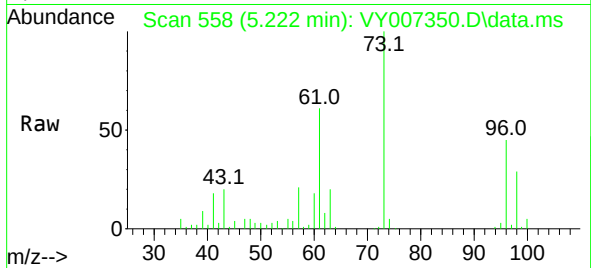
Tgt Ion: 43 Resp: 48901
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 49.858 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

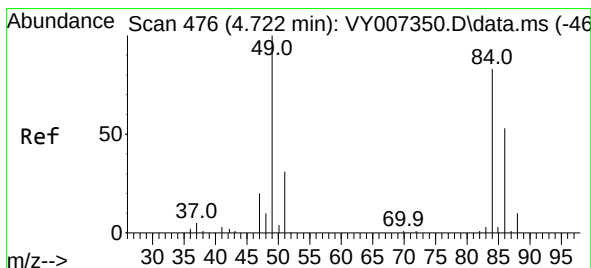
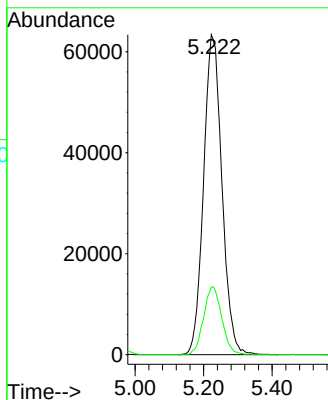
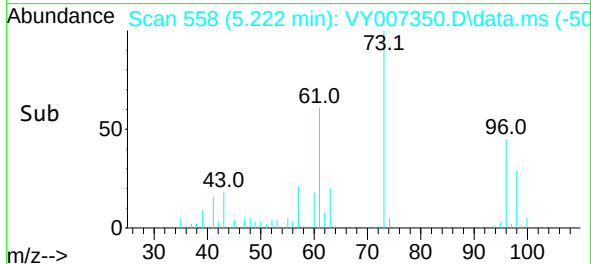
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



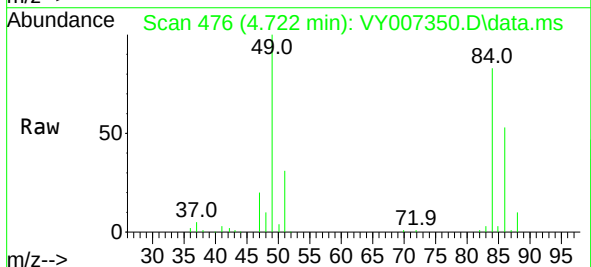
Tgt Ion: 73 Resp: 236074
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8

Manual Integrations
APPROVED

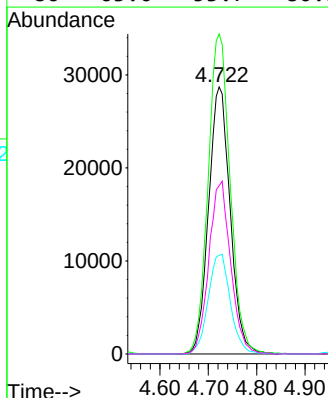
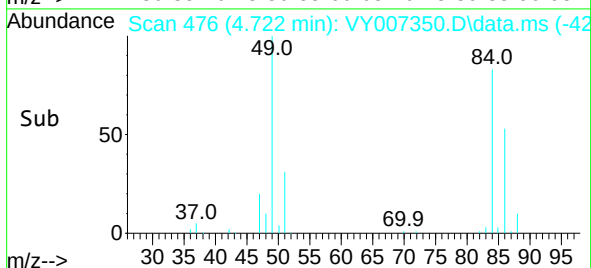
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

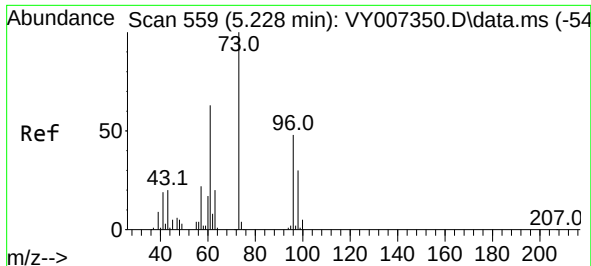


#20
Methylene Chloride
Concen: 47.186 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



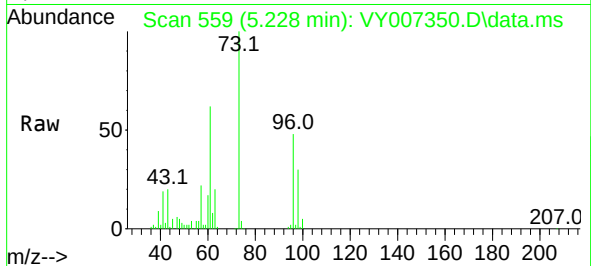
Tgt Ion: 84 Resp: 88998
Ion Ratio Lower Upper
84 100
49 119.8 114.4 171.6
51 37.0 35.3 52.9
86 63.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 49.787 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

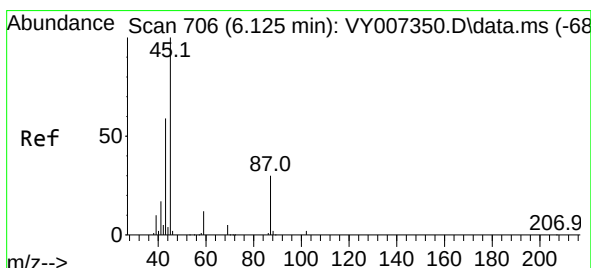
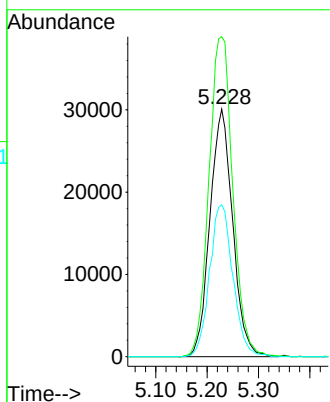
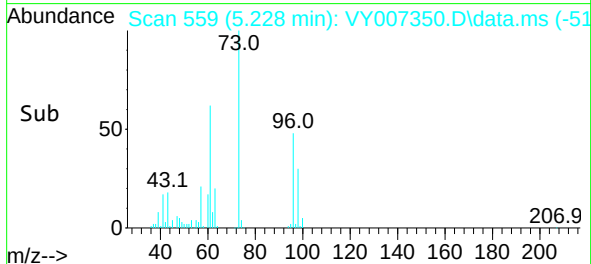
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 92560
Ion Ratio Lower Upper
96 100
61 129.2 120.5 180.7
98 61.3 49.8 74.8

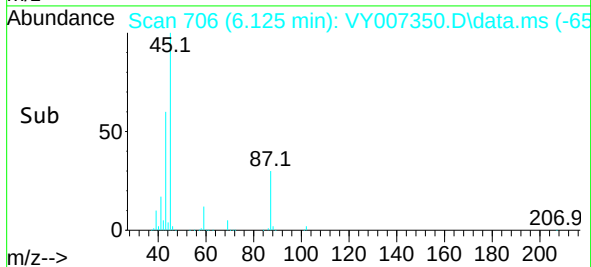
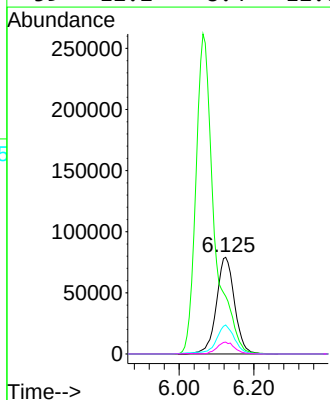
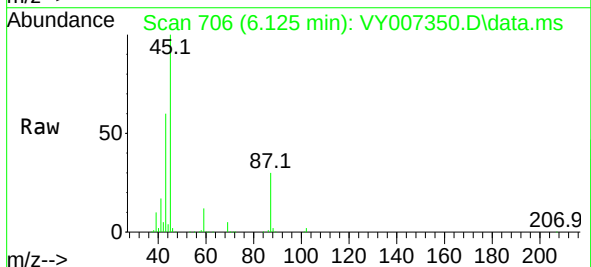
Manual Integrations
APPROVED

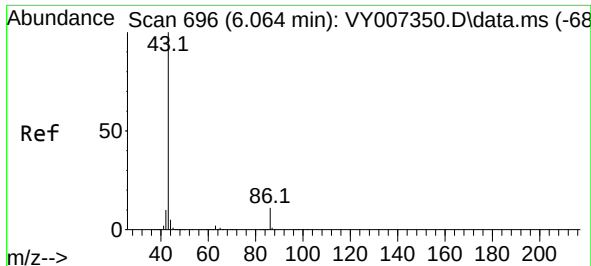
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#22
Diisopropyl ether
Concen: 49.312 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

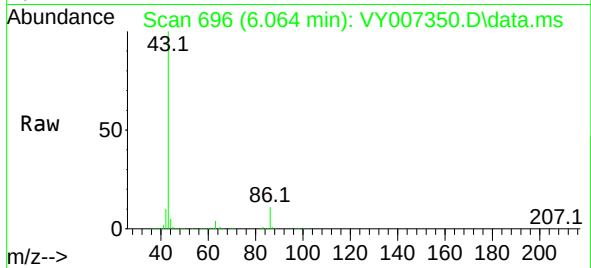
Tgt Ion: 45 Resp: 266718
Ion Ratio Lower Upper
45 100
43 59.3 49.3 73.9
87 30.0 19.2 28.8#
59 12.2 8.4 12.6





#23
 Vinyl Acetate
 Concen: 250.364 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007350.D
 Acq: 02 Feb 2022 12:23

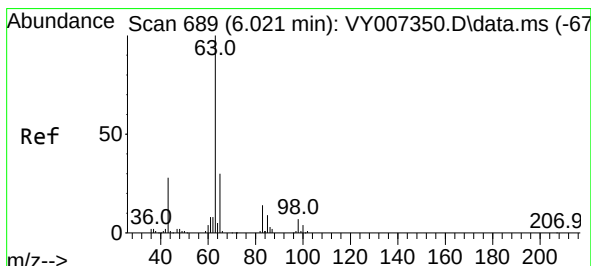
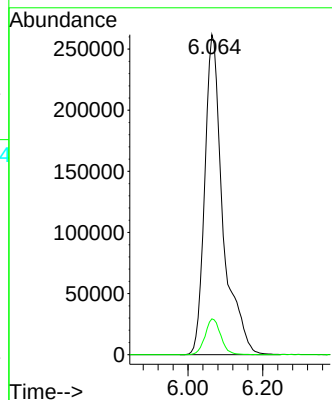
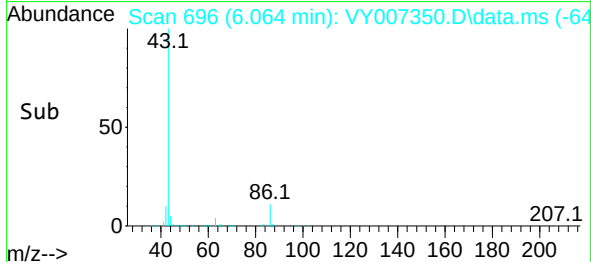
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



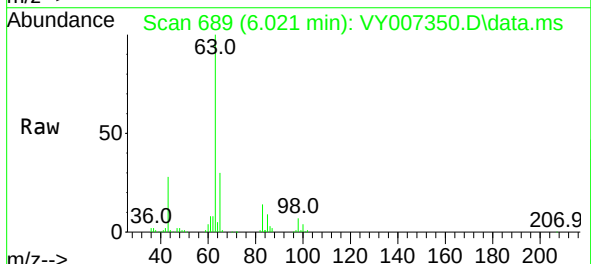
Tgt Ion: 43 Resp: 88315
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

Manual Integrations
 APPROVED

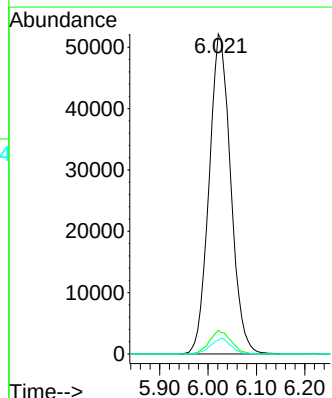
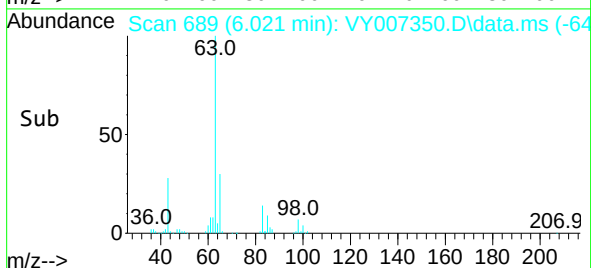
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022

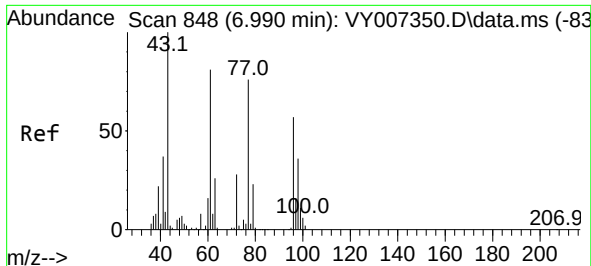


#24
 1,1-Dichloroethane
 Concen: 49.530 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007350.D
 Acq: 02 Feb 2022 12:23



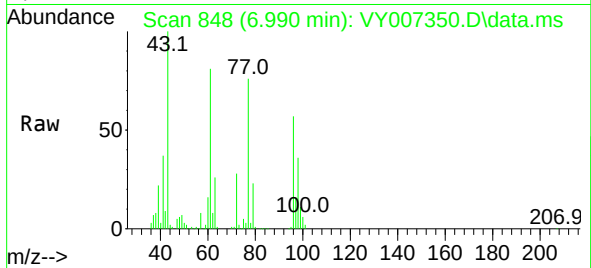
Tgt Ion: 63 Resp: 161797
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 269.470 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

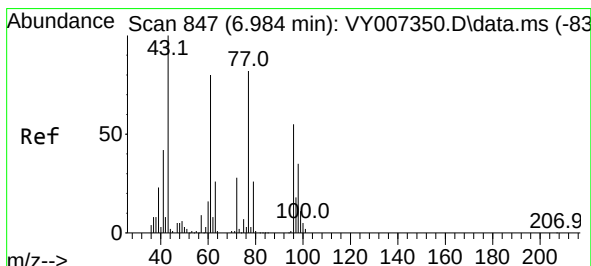
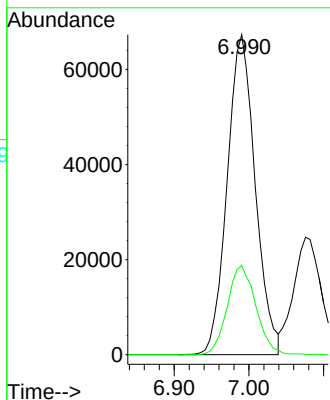
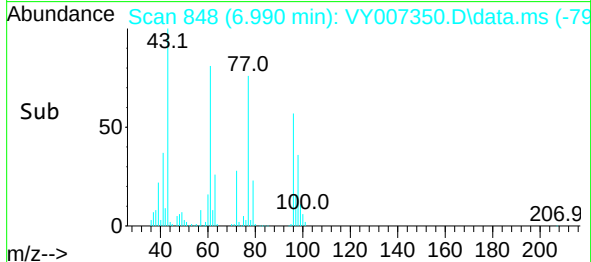
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



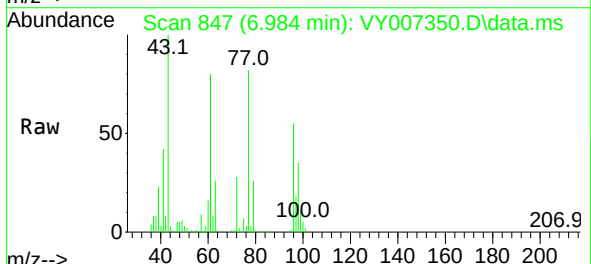
Tgt Ion: 43 Resp: 175619
Ion Ratio Lower Upper
43 100
72 27.8 17.7 26.5

Manual Integrations
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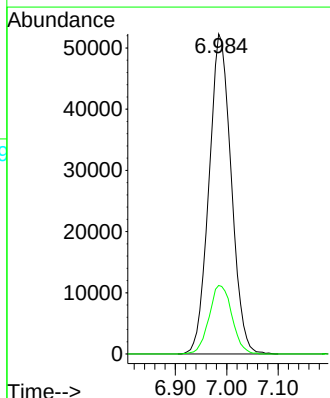
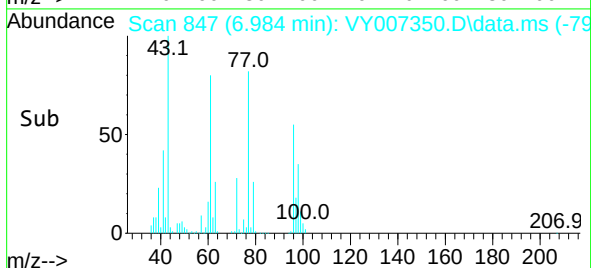
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

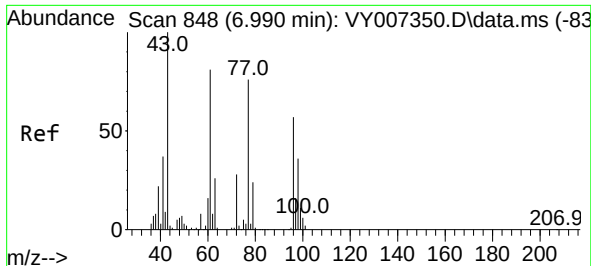


#26
2,2-Dichloropropane
Concen: 50.156 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



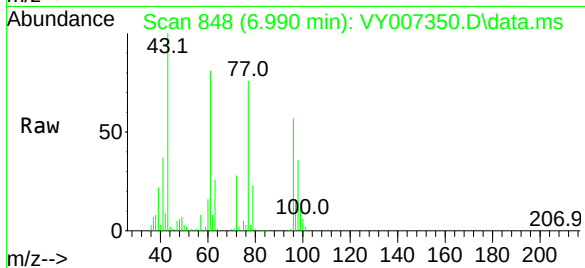
Tgt Ion: 77 Resp: 156775
Ion Ratio Lower Upper
77 100
97 22.1 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 49.999 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY007350.D
 Acq: 02 Feb 2022 12:23

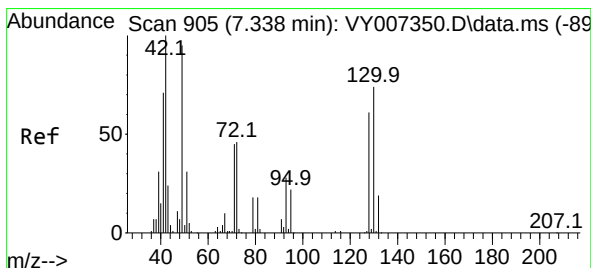
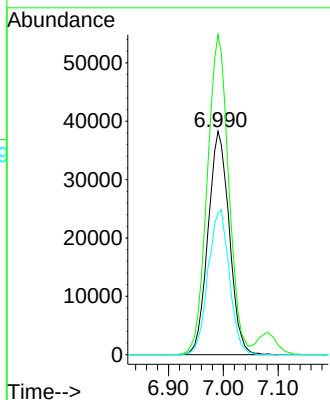
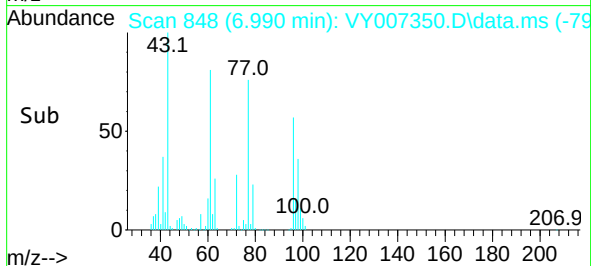
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 10268
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 319.8
 98 65.1 0.0 127.0

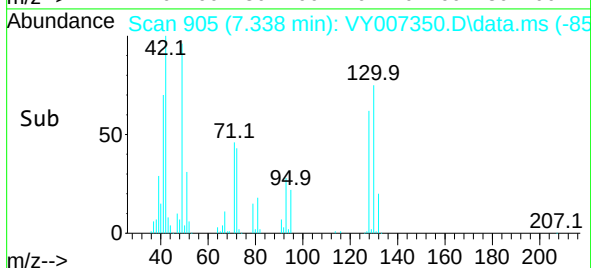
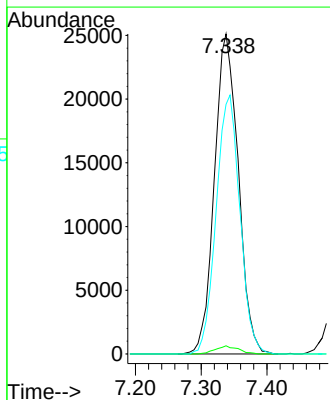
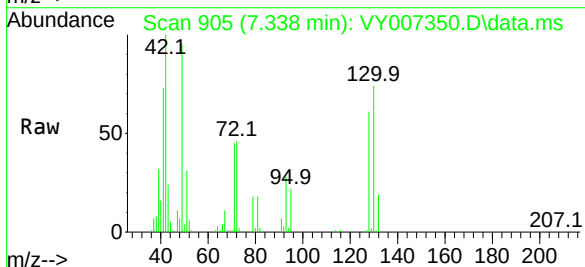
Manual Integrations
 APPROVED

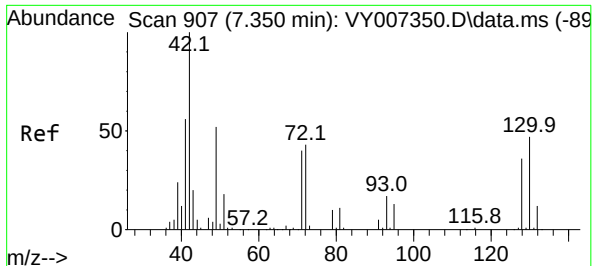
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022



#28
 Bromochloromethane
 Concen: 49.655 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY007350.D
 Acq: 02 Feb 2022 12:23

Tgt Ion: 49 Resp: 63424
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 80.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 251.677 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 9478

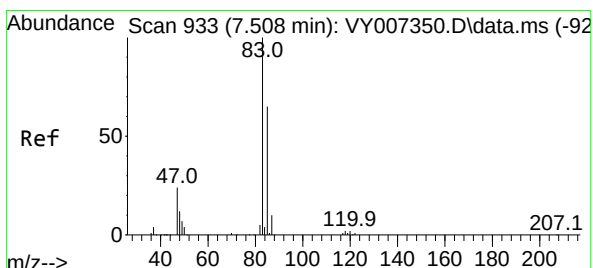
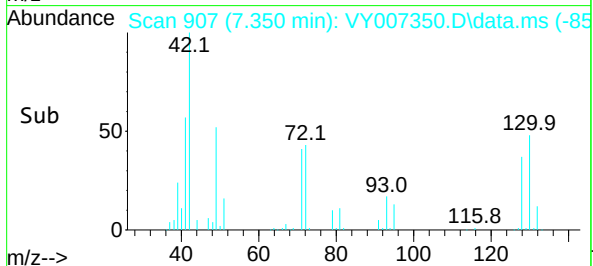
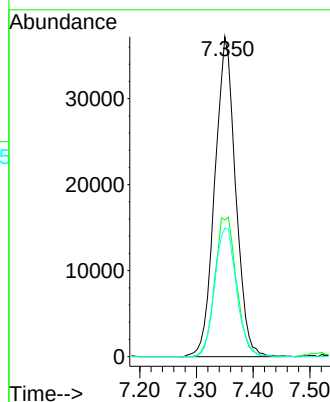
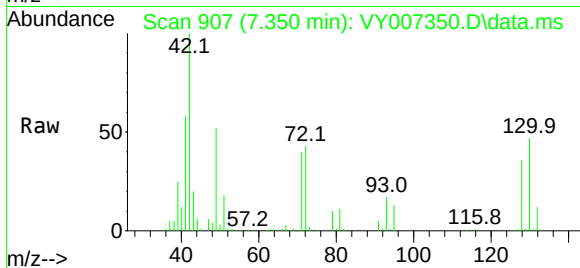
Ion	Ratio	Lower	Upper
42	100		
72	45.6	30.3	45.5
71	42.3	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#30

Chloroform

Concen: 49.566 ug/l

RT: 7.508 min Scan# 933

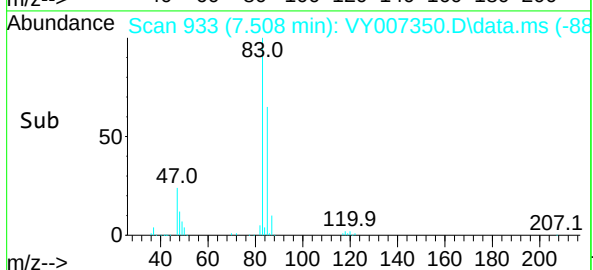
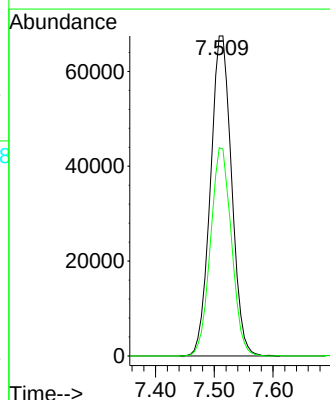
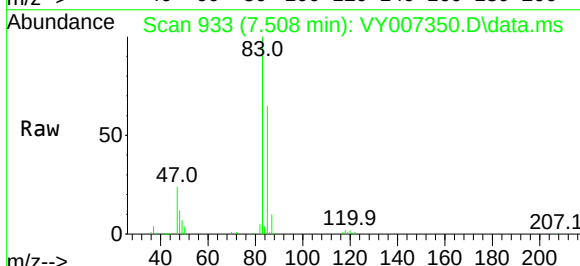
Delta R.T. 0.000 min

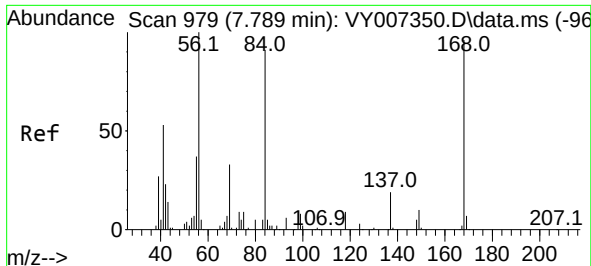
Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Tgt Ion: 83 Resp: 168433

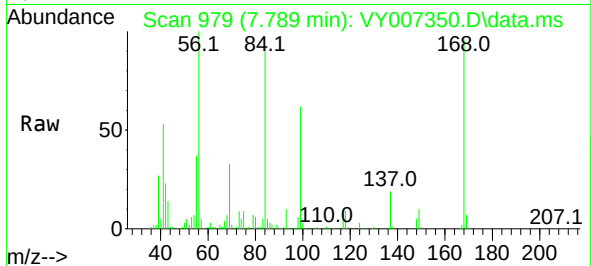
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6





#31
Cyclohexane
Concen: 47.994 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

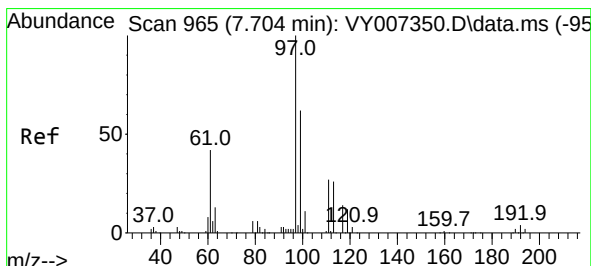
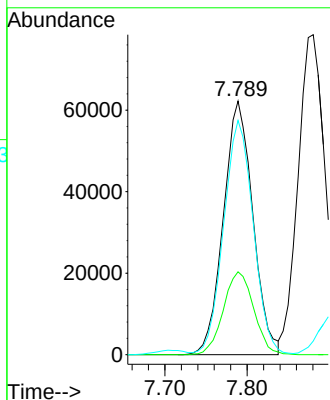
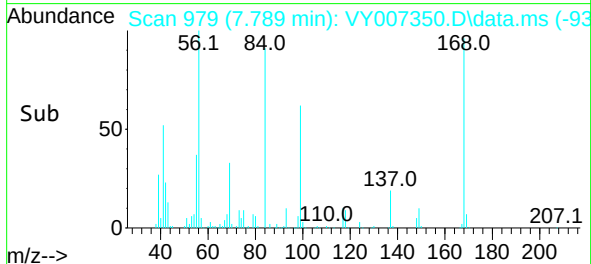
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



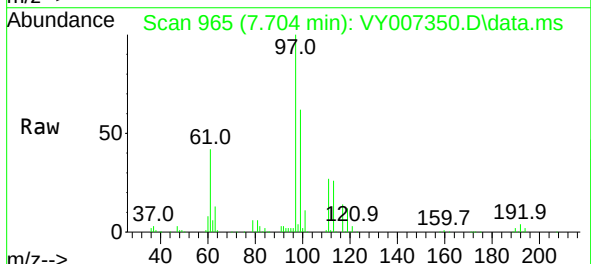
Tgt Ion: 56 Resp: 155540
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 90.8 67.2 100.8

Manual Integrations
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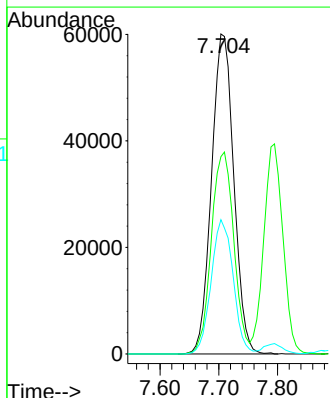
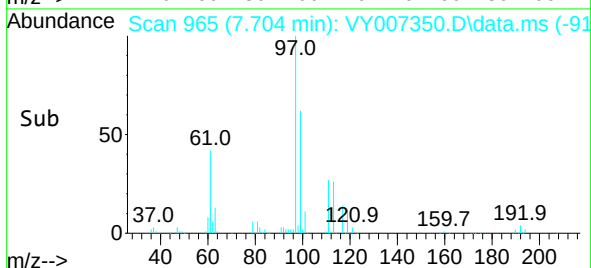
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

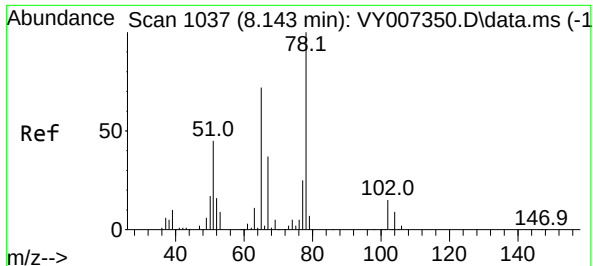


#32
1,1,1-Trichloroethane
Concen: 50.069 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 97 Resp: 158132
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 41.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.698 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 8254

Ion Ratio Lower Upper

65 100

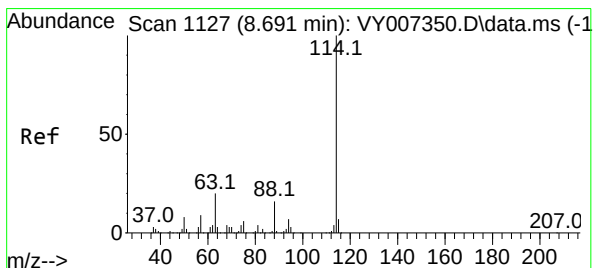
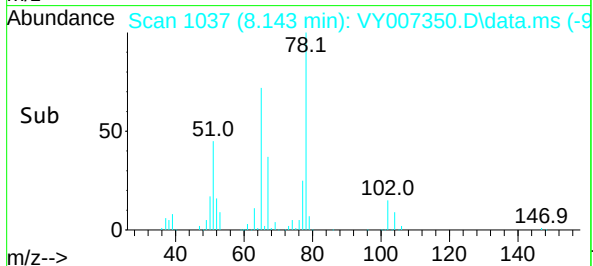
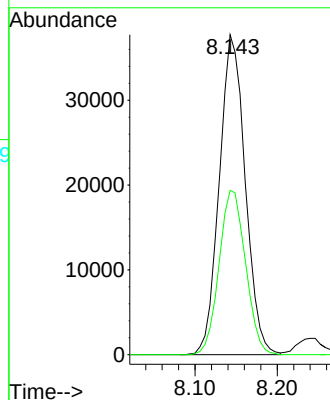
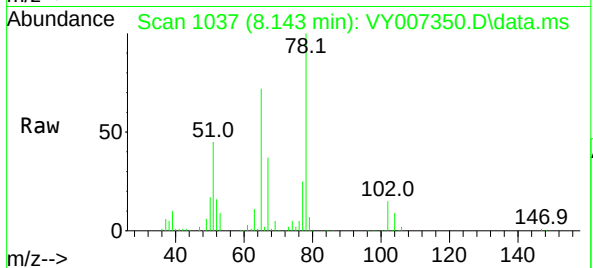
67 52.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

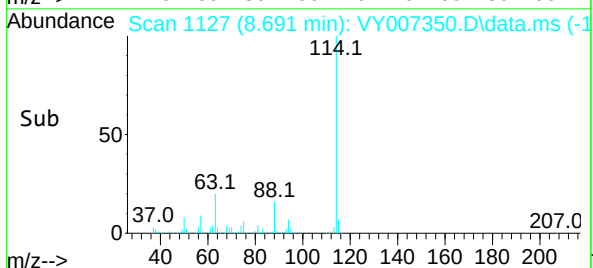
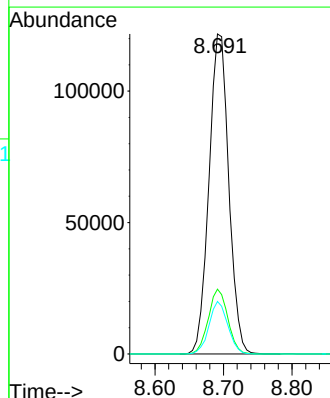
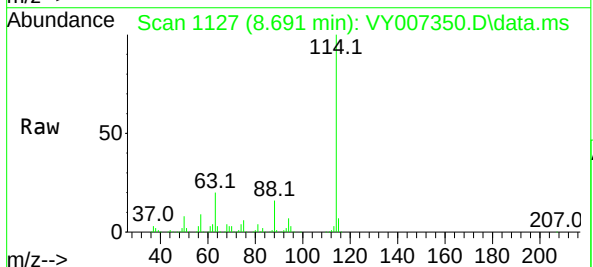
Tgt Ion:114 Resp: 244452

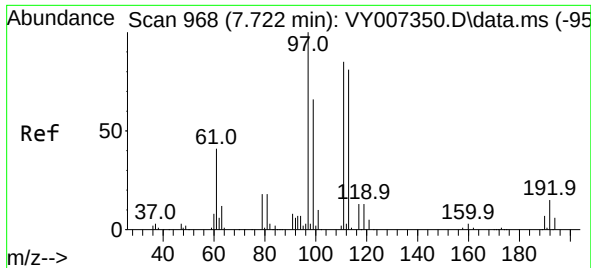
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

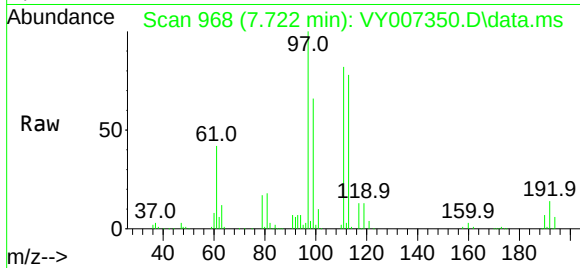
88 16.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.650 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

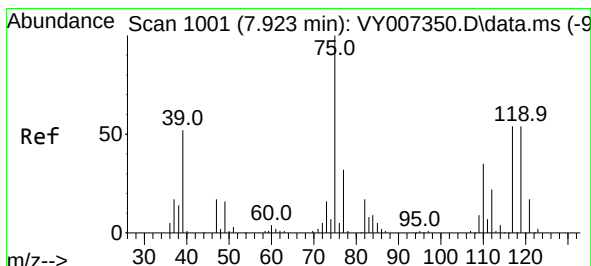
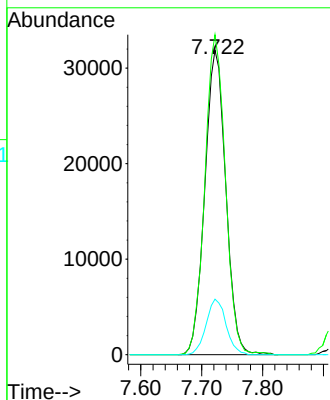
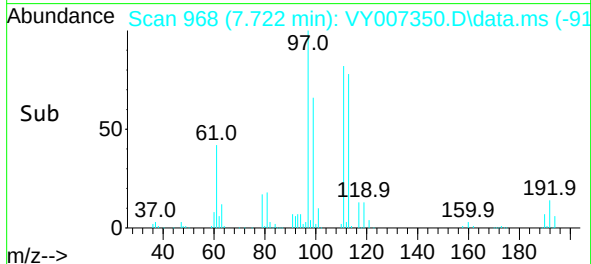
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



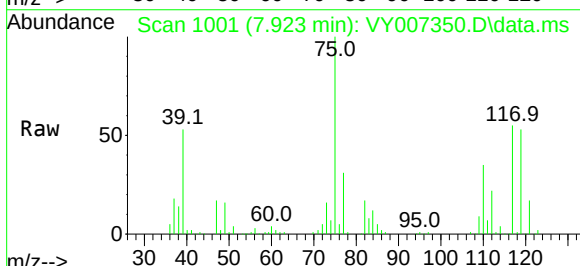
Tgt Ion: 113 Resp: 7636
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.3 17.6 26.4

Manual Integrations
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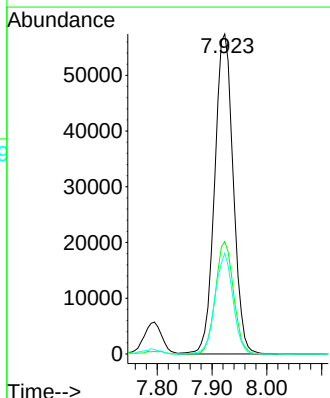
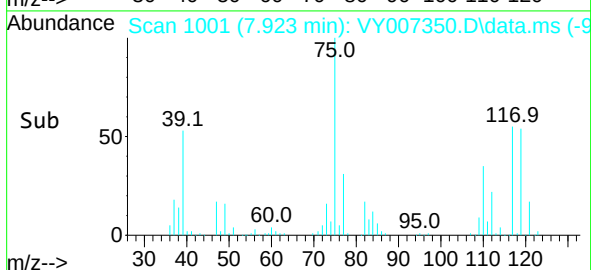
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

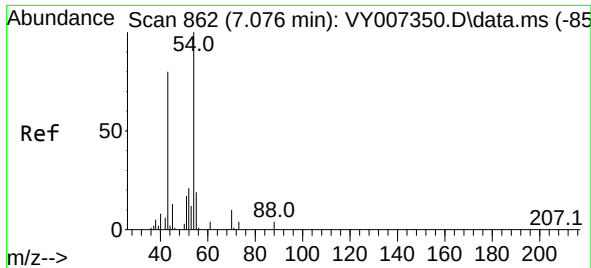


#36
1,1-Dichloropropene
Concen: 49.269 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



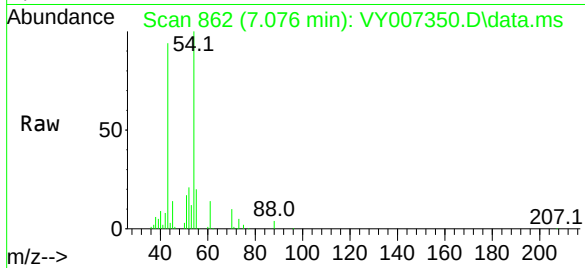
Tgt Ion: 75 Resp: 135205
Ion Ratio Lower Upper
75 100
110 34.2 17.1 51.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 48.571 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

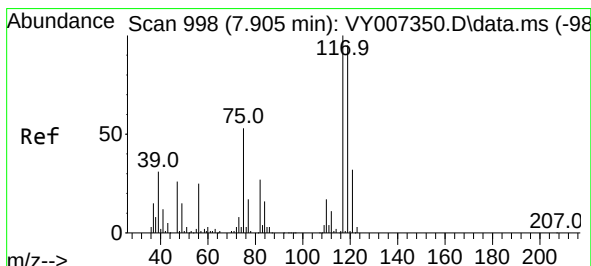
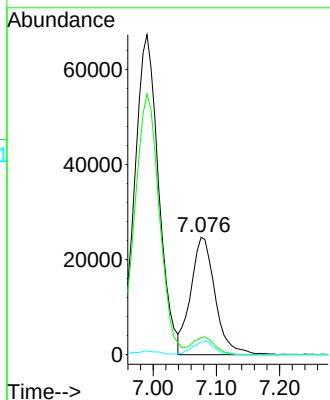
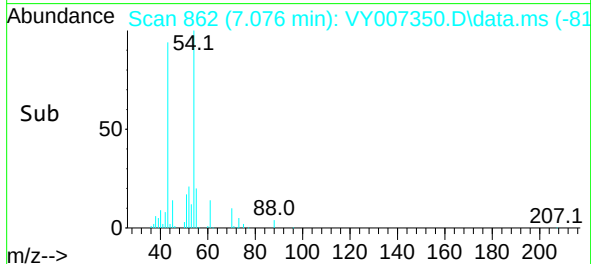
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 66260
Ion Ratio Lower Upper
43 100
61 13.9 9.7 14.5
70 10.3 7.1 10.7

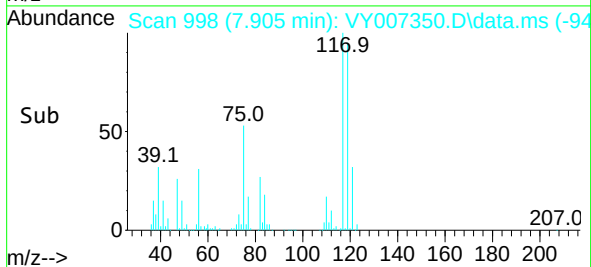
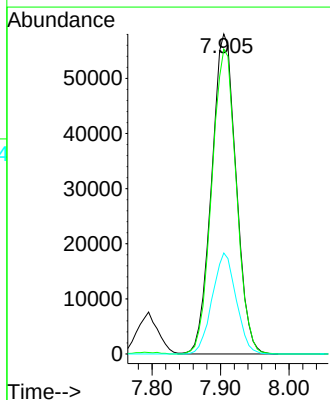
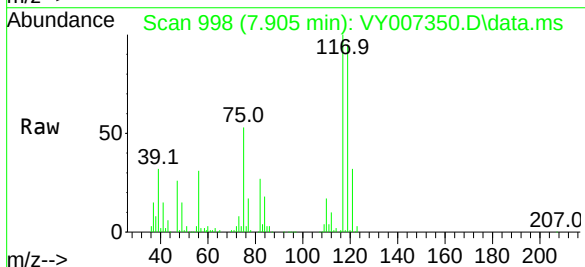
Manual Integrations
APPROVED

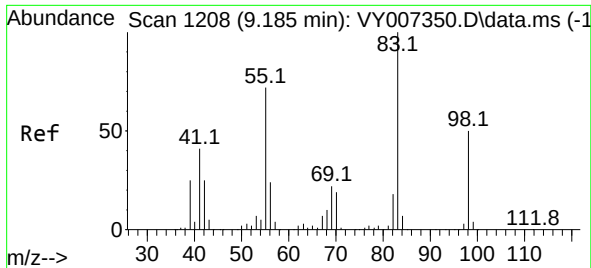
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#38
Carbon Tetrachloride
Concen: 49.960 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

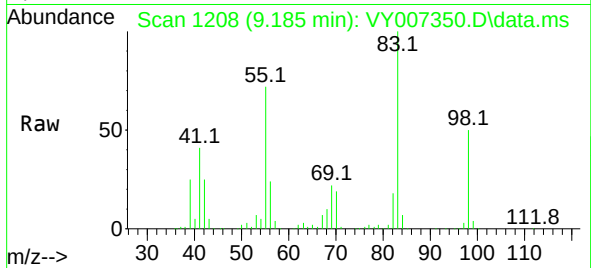
Tgt Ion:117 Resp: 144040
Ion Ratio Lower Upper
117 100
119 95.3 77.9 116.9
121 31.6 24.8 37.2





#39
Methylcyclohexane
Concen: 49.808 ug/l
RT: 9.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

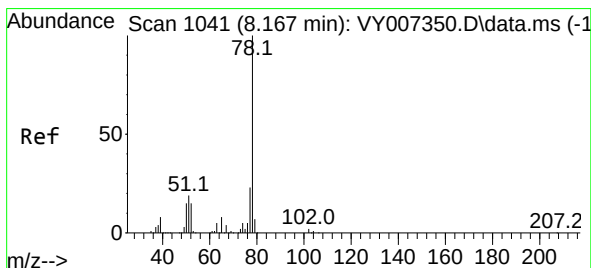
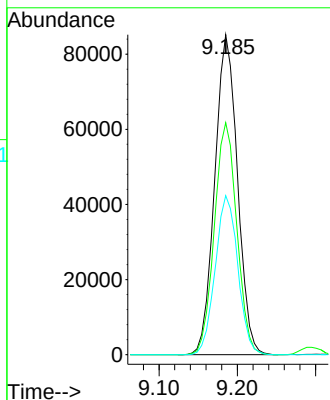
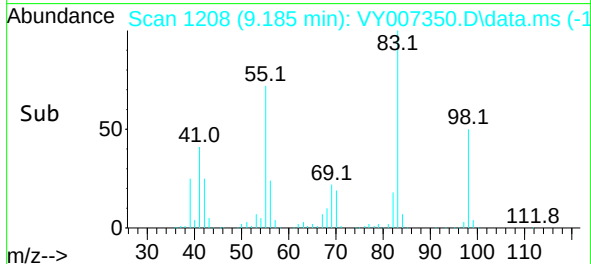
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 171654
Ion Ratio Lower Upper
83 100
55 72.5 66.5 99.7
98 49.7 37.9 56.9

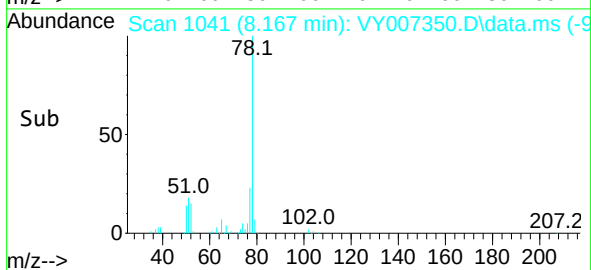
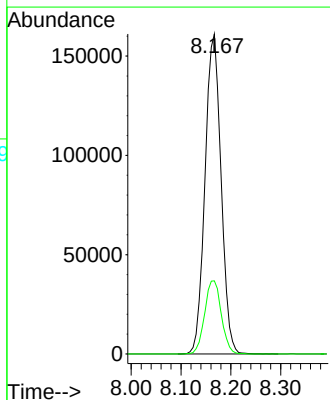
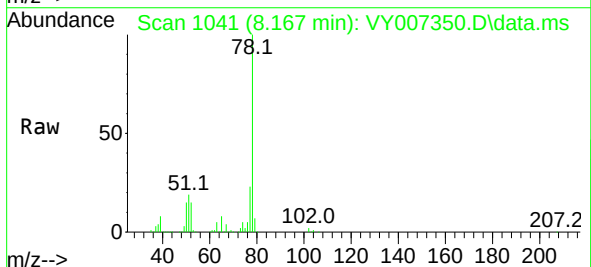
Manual Integrations
APPROVED

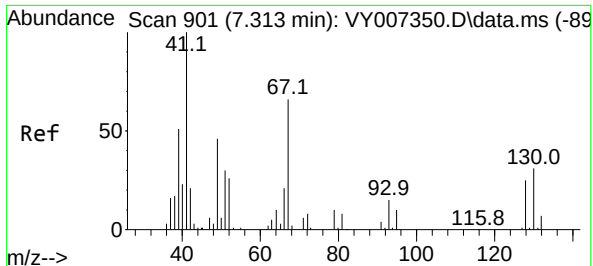
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#40
Benzene
Concen: 49.435 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

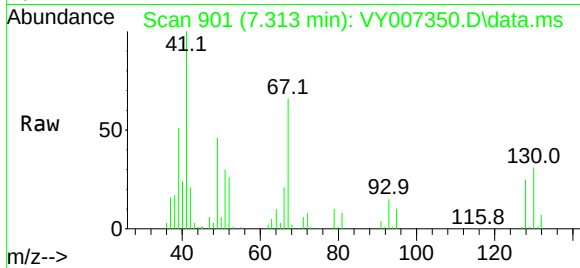
Tgt Ion: 78 Resp: 359593
Ion Ratio Lower Upper
78 100
77 22.9 20.4 30.6





#41
Methacrylonitrile
Concen: 41.732 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

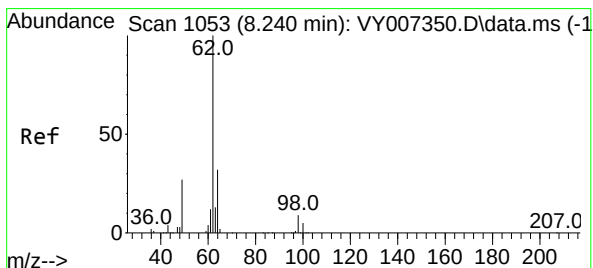
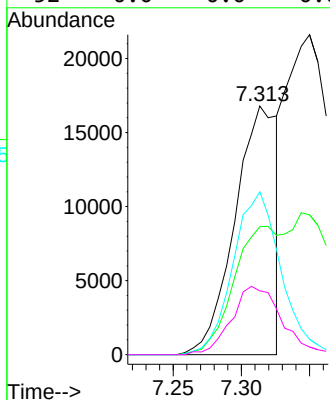
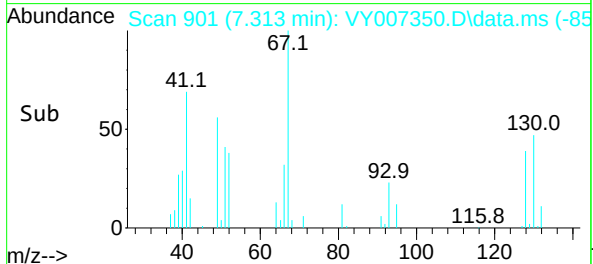
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



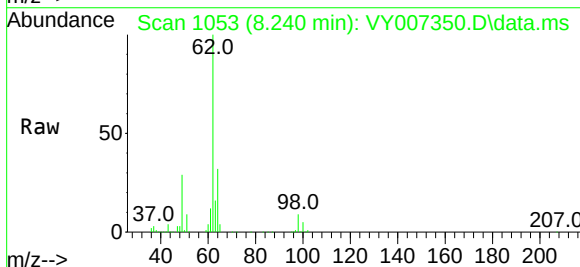
Tgt Ion: 41 Resp: 3623
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

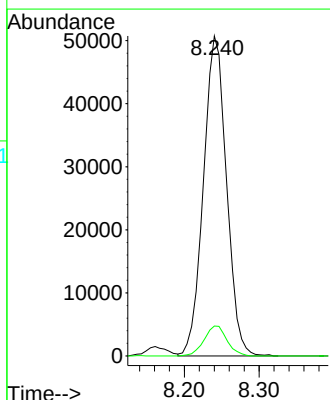
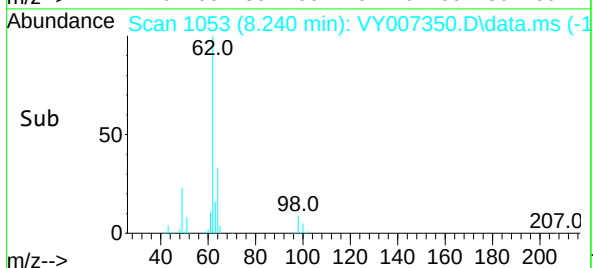
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

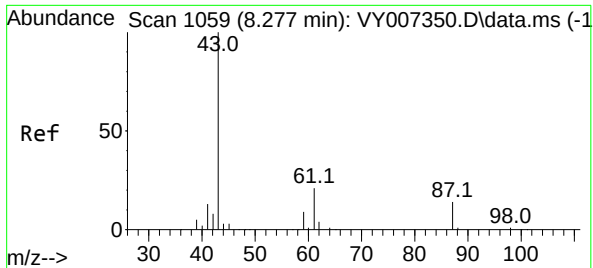


#42
1,2-Dichloroethane
Concen: 49.317 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 62 Resp: 109050
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8





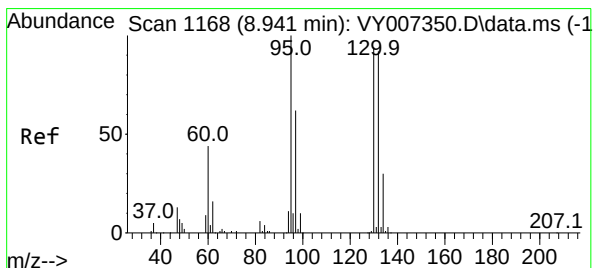
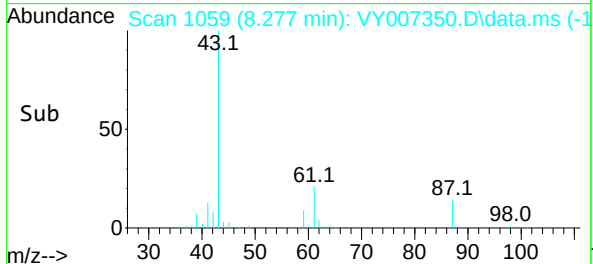
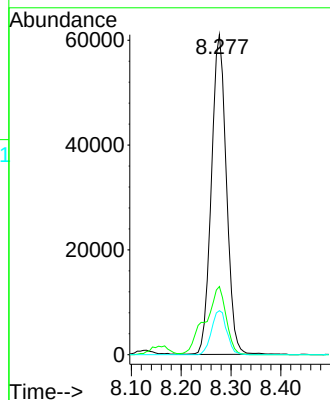
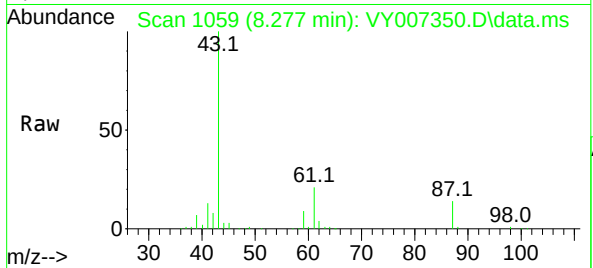
#43
Isopropyl Acetate
Concen: 49.886 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 12728
Ion Ratio Lower Upper
43 100
61 29.8 20.2 30.2
87 14.0 8.9 13.3

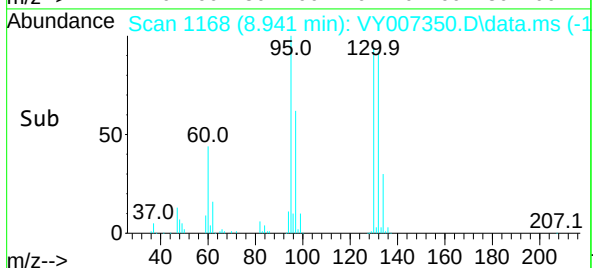
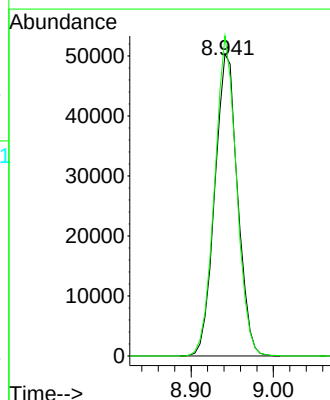
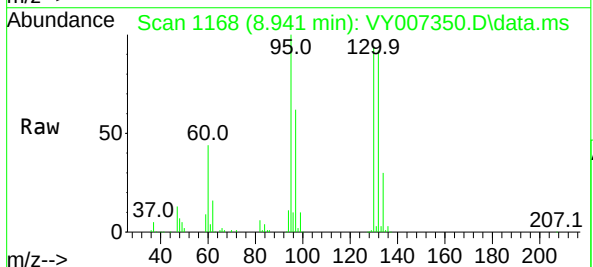
Manual Integrations
APPROVED

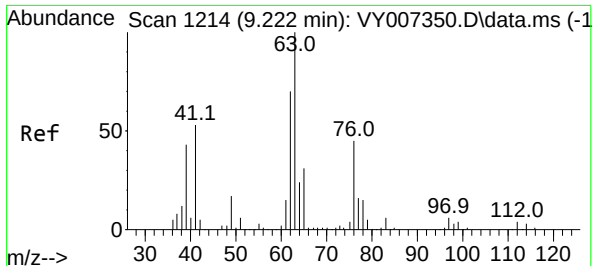
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#44
Trichloroethene
Concen: 49.257 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Tgt Ion:130 Resp: 96877
Ion Ratio Lower Upper
130 100
95 105.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.864 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 8764

Ion Ratio Lower Upper

63 100

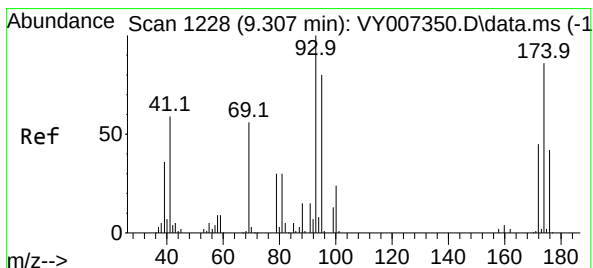
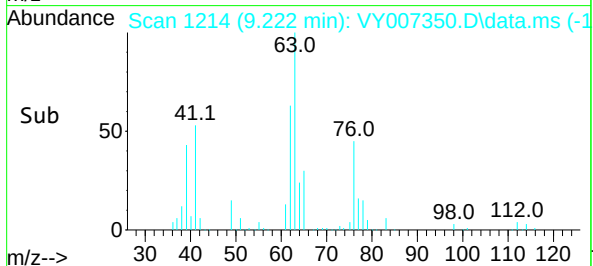
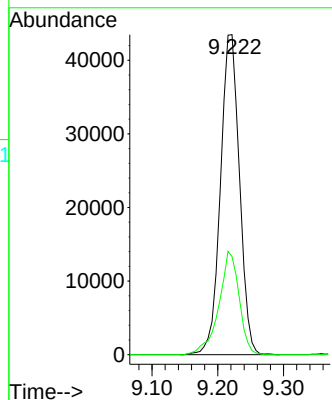
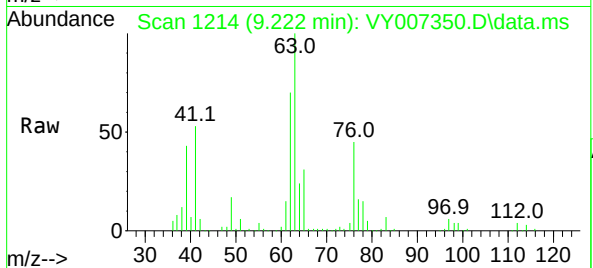
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#46

Dibromomethane

Concen: 49.386 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

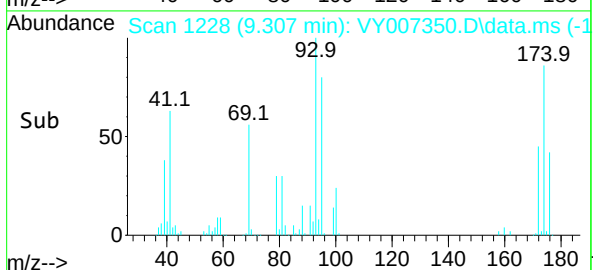
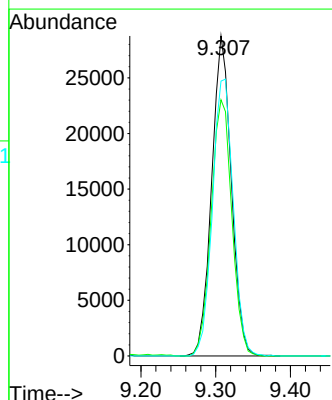
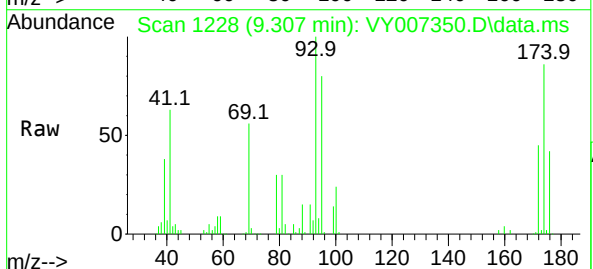
Tgt Ion: 93 Resp: 52701

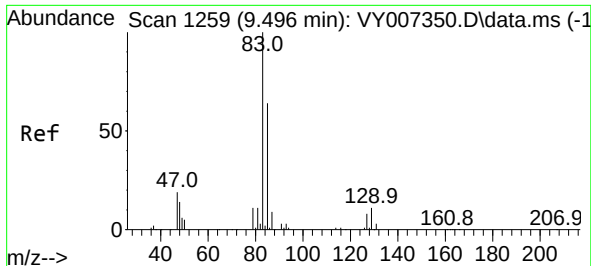
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

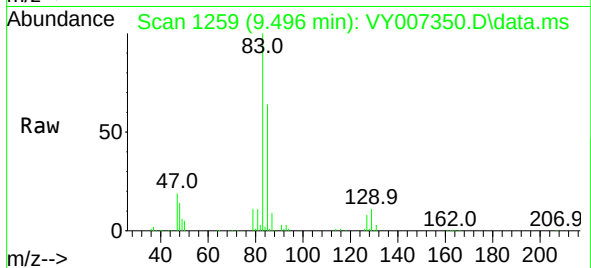
174 91.4 83.4 125.0





#47
Bromodichloromethane
Concen: 50.030 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

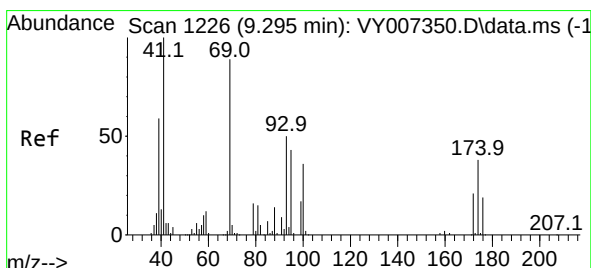
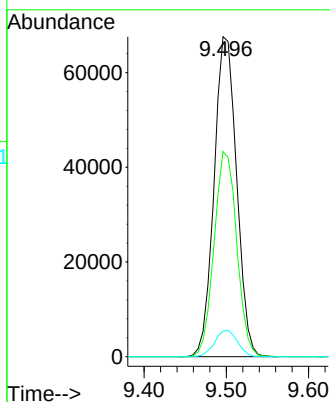
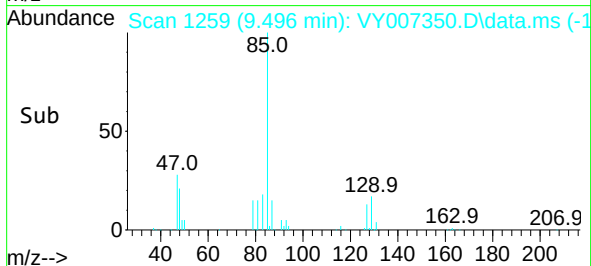
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



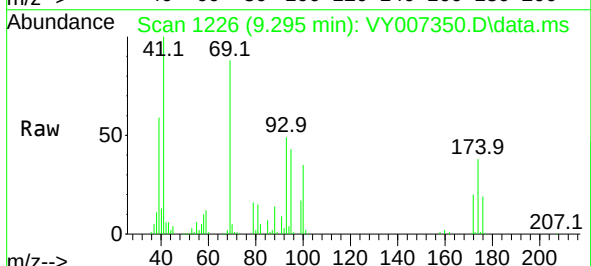
Tgt Ion: 83 Resp: 129104
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 8.0 6.6 10.0

Manual Integrations
APPROVED

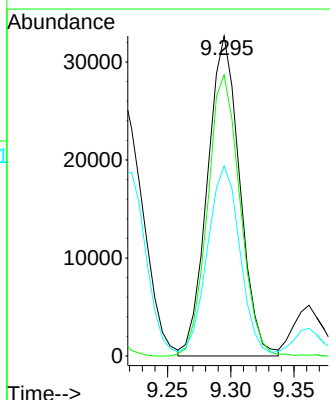
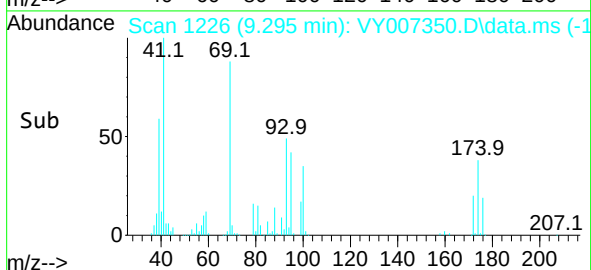
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

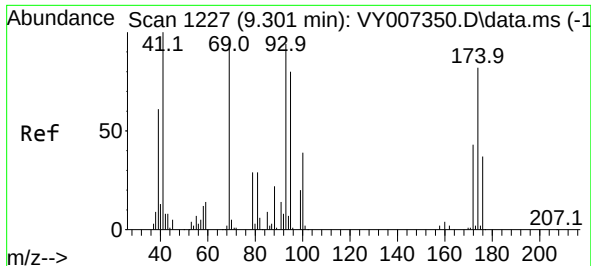


#48
Methyl methacrylate
Concen: 50.173 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 41 Resp: 57893
Ion Ratio Lower Upper
41 100
69 88.3 58.2 87.2#
39 57.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1080.309 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

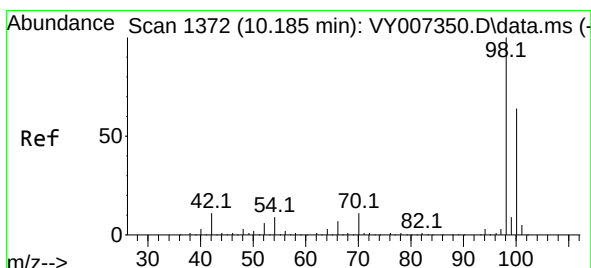
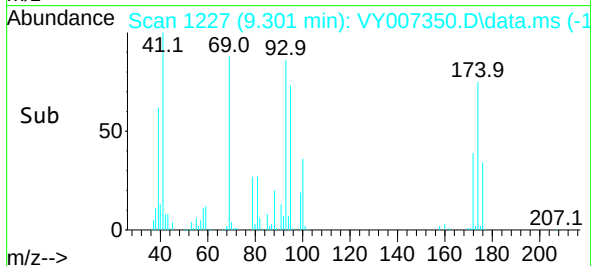
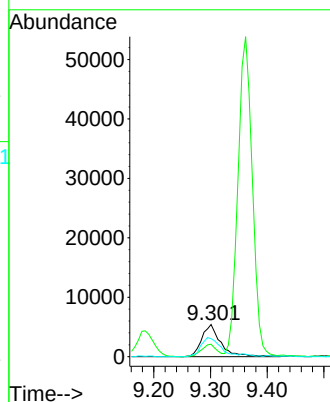
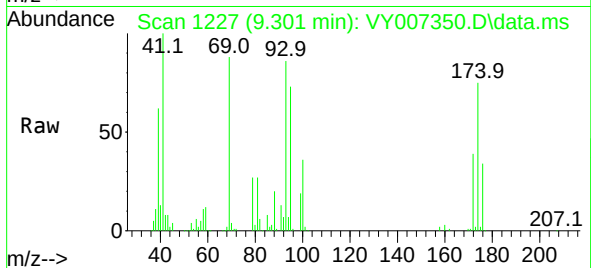
Tgt Ion:	88	Resp:	12628
Ion Ratio	Lower	Upper	
88	100		
43	30.5	32.8	49.2
58	60.2	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#50

Toluene-d8

Concen: 49.069 ug/l

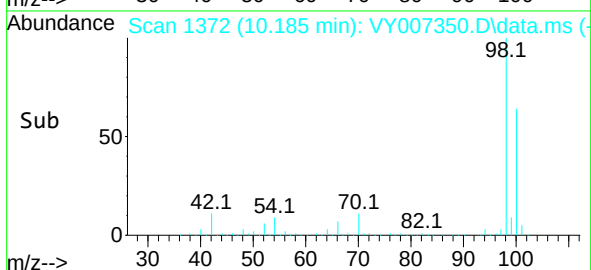
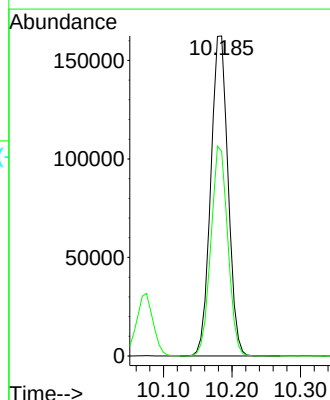
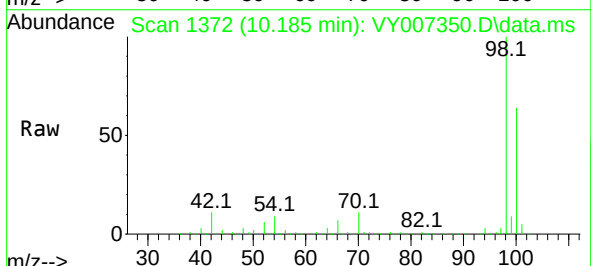
RT: 10.185 min Scan# 1372

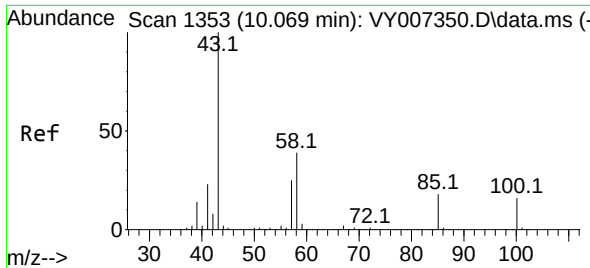
Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

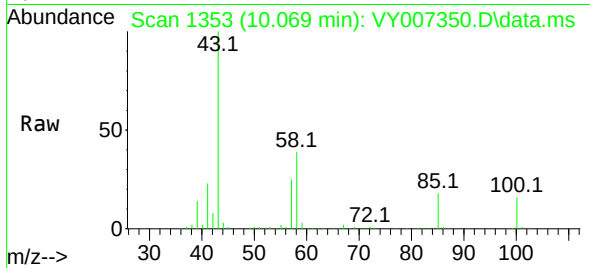
Tgt Ion:	98	Resp:	284565
Ion Ratio	Lower	Upper	
98	100		
100	64.2	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 250.477 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

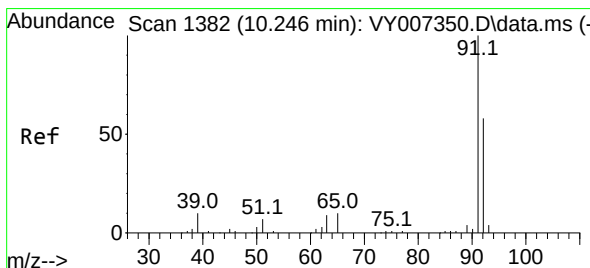
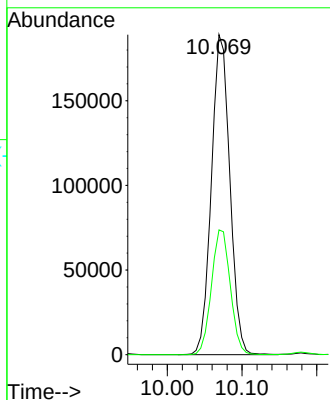
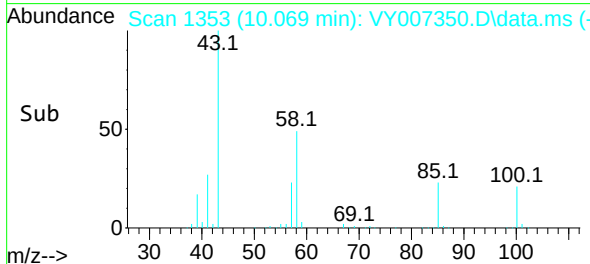
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



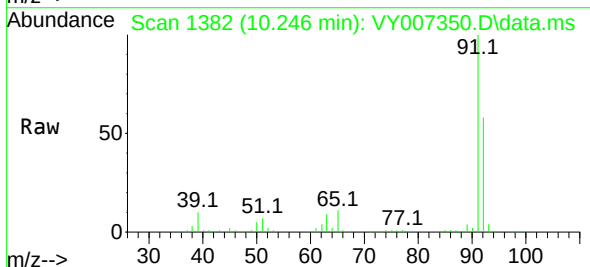
Tgt Ion: 43 Resp: 324120
Ion Ratio Lower Upper
43 100
58 39.9 28.1 42.1

Manual Integrations
APPROVED

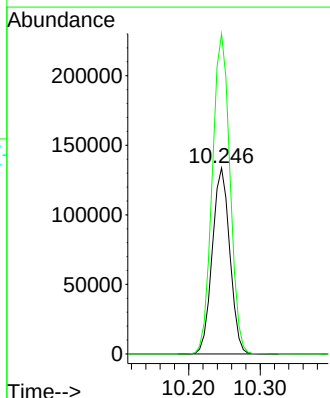
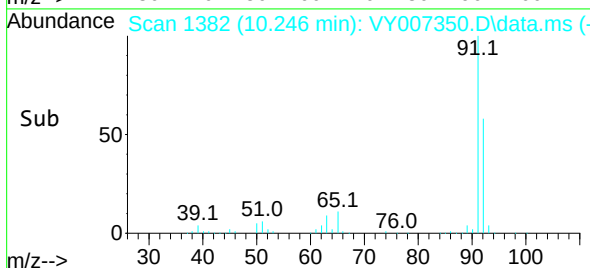
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

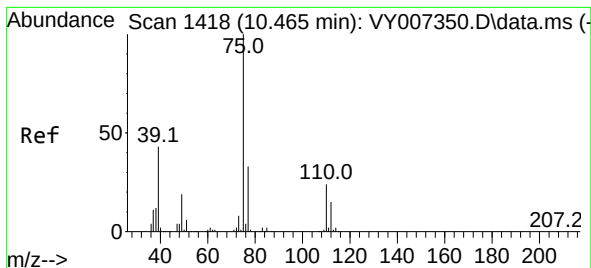


#52
Toluene
Concen: 49.492 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



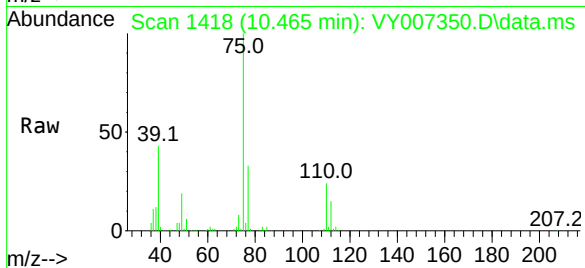
Tgt Ion: 92 Resp: 226827
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 50.376 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

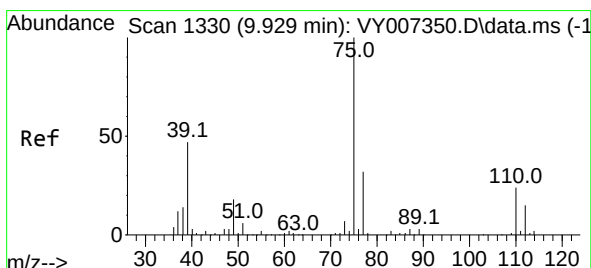
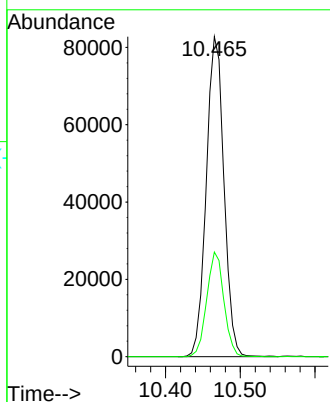
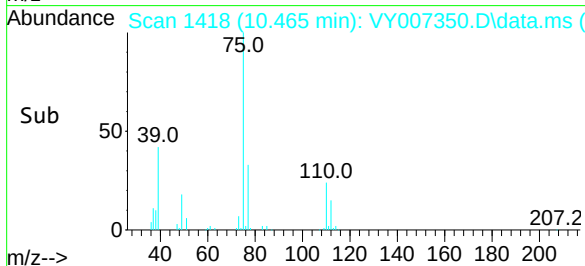
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



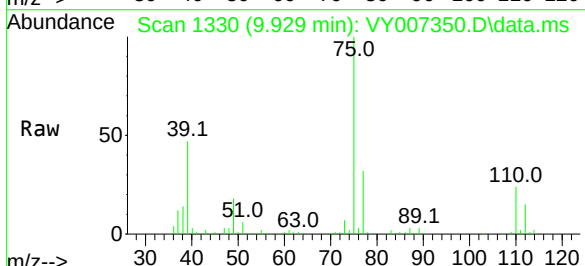
Tgt Ion: 75 Resp: 135800
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2

Manual Integrations
APPROVED

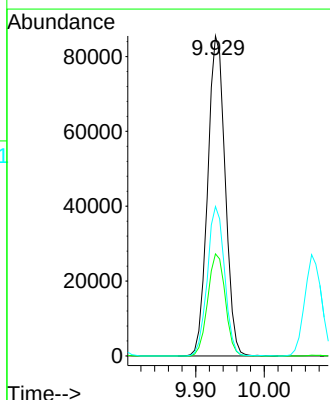
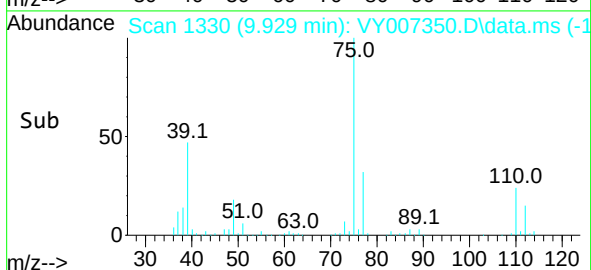
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

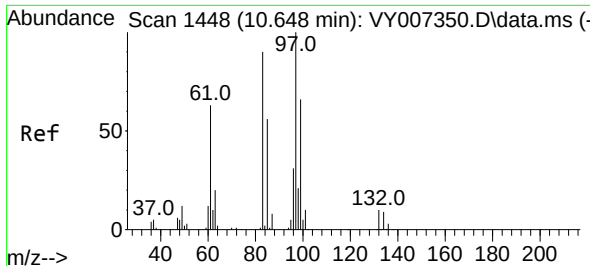


#54
cis-1,3-Dichloropropene
Concen: 50.190 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



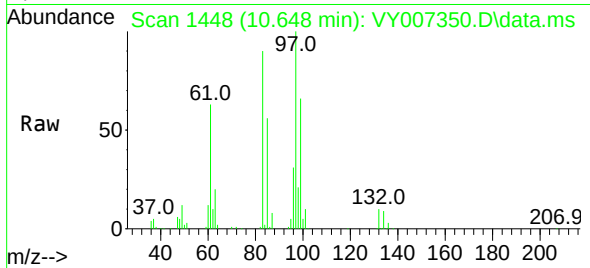
Tgt Ion: 75 Resp: 151552
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 46.7 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 49.476 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

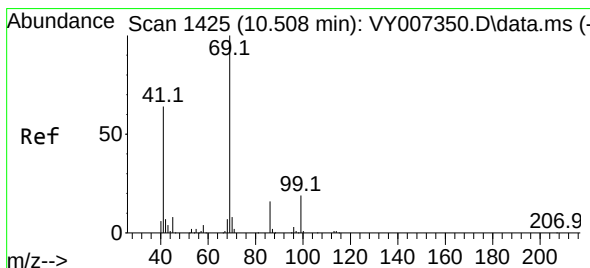
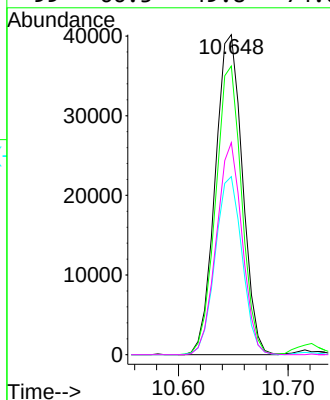
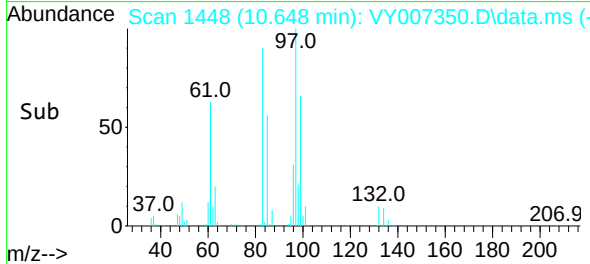
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



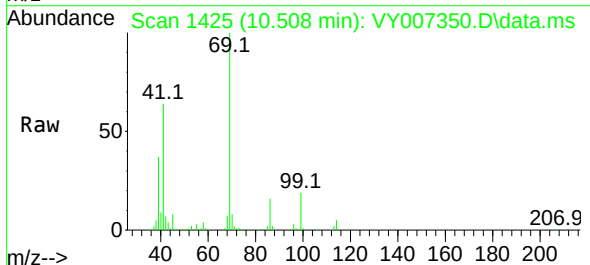
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	69.8	104.8
85	55.7	44.3	66.5
99	66.3	49.8	74.6

Manual Integrations
APPROVED

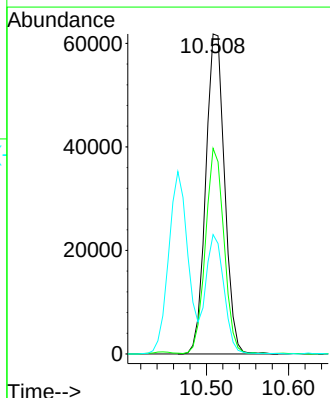
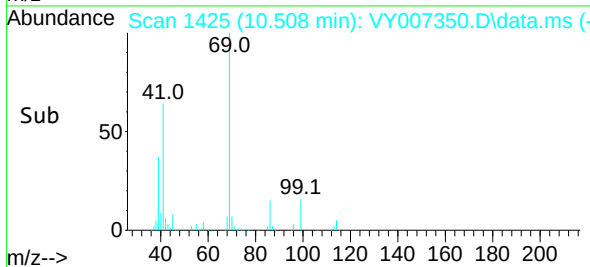
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

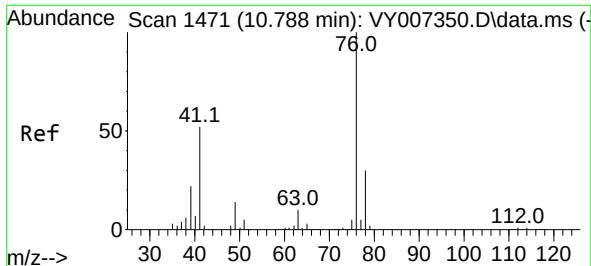


#56
Ethyl methacrylate
Concen: 50.434 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	63.4	95.0#
39	36.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 49.074 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 12194

Ion Ratio Lower Upper

76 100

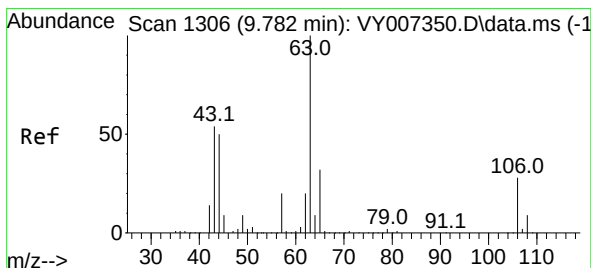
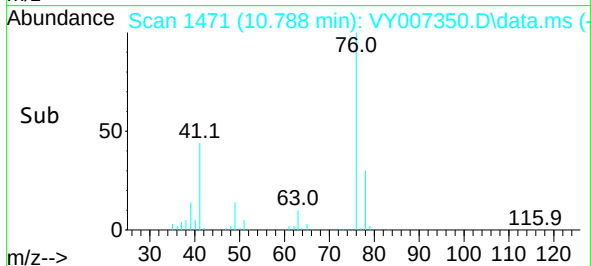
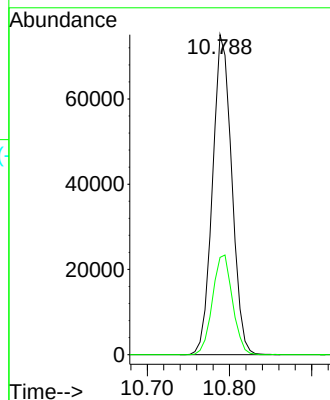
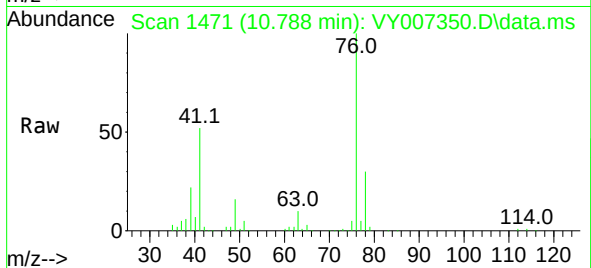
78 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 250.865 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007350.D

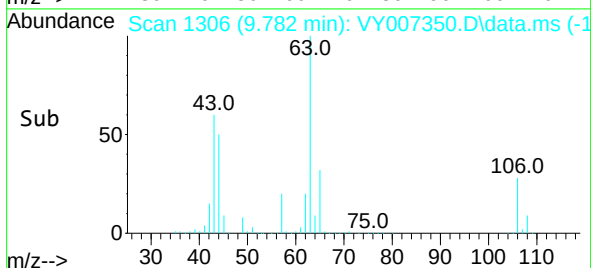
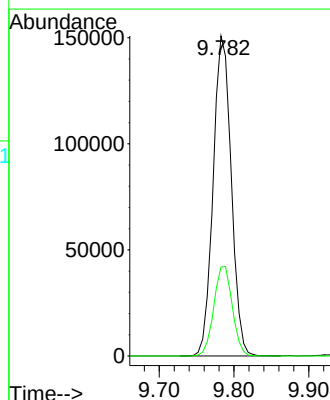
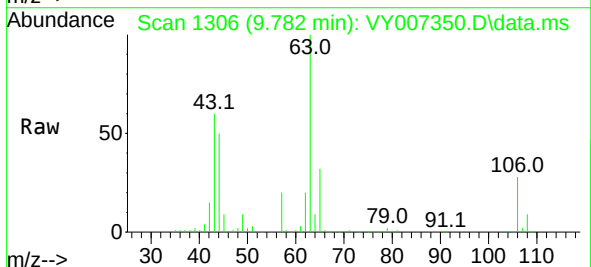
Acq: 02 Feb 2022 12:23

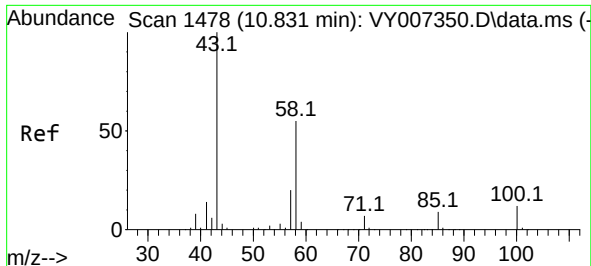
Tgt Ion: 63 Resp: 254028

Ion Ratio Lower Upper

63 100

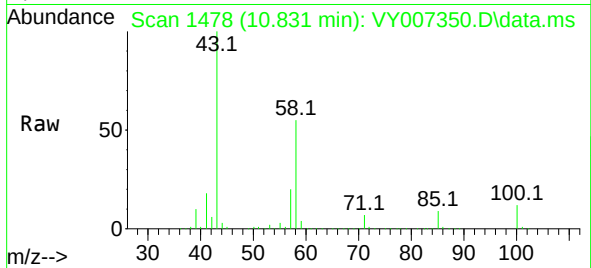
106 28.6 21.5 32.3





#59
2-Hexanone
Concen: 268.280 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

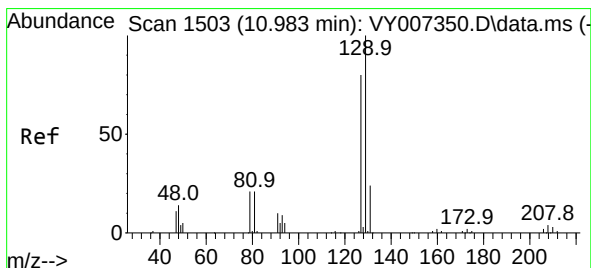
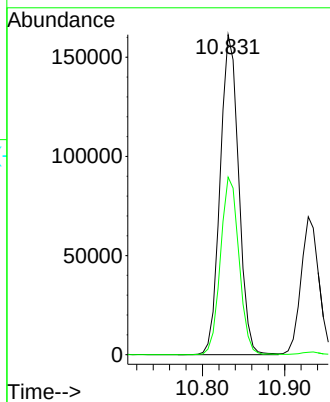
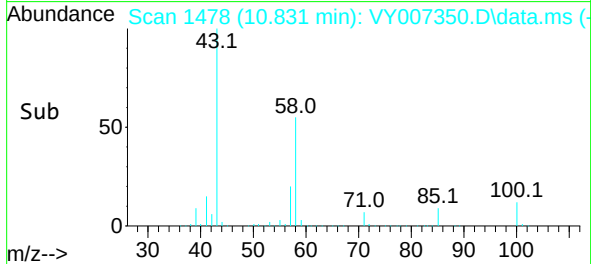
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



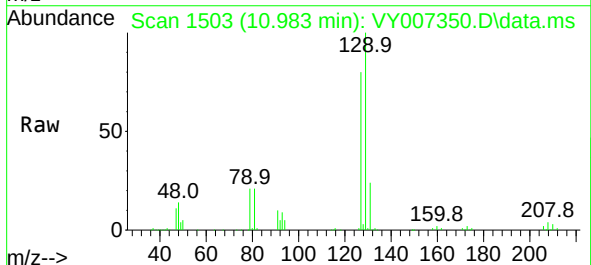
Tgt Ion: 43 Resp: 253092
Ion Ratio Lower Upper
43 100
58 55.4 24.4 73.4

Manual Integrations
APPROVED

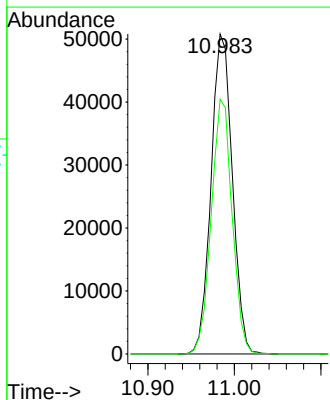
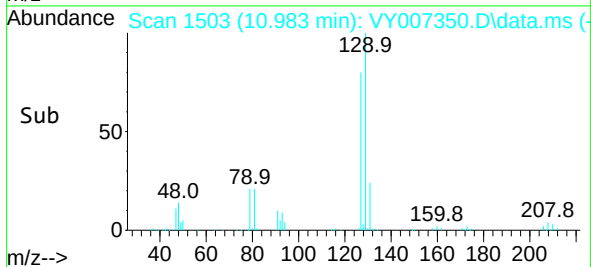
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

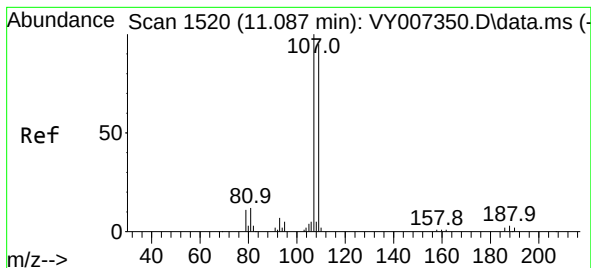


#60
Dibromochloromethane
Concen: 49.621 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



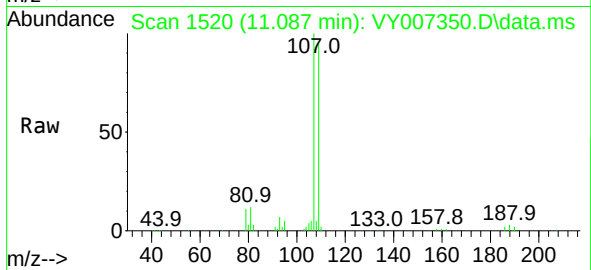
Tgt Ion:129 Resp: 86579
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.764 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

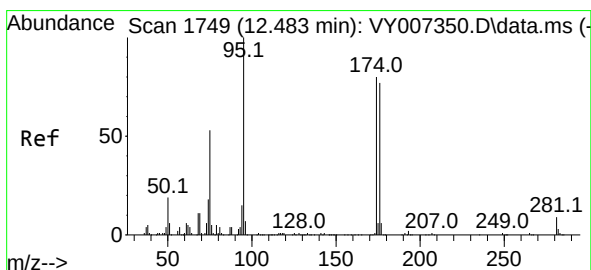
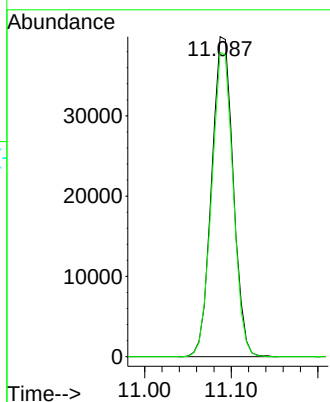
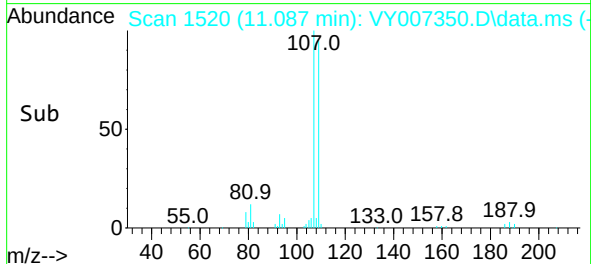
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



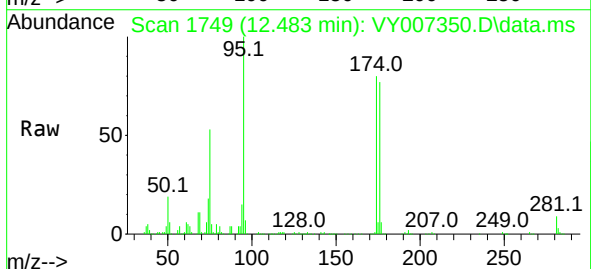
Tgt Ion:107 Resp: 6900
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2

Manual Integrations
APPROVED

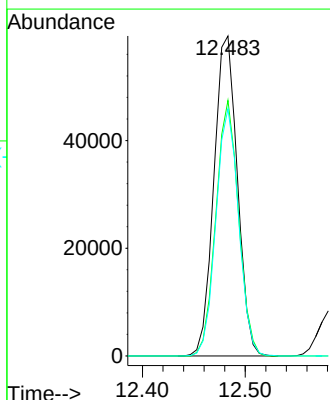
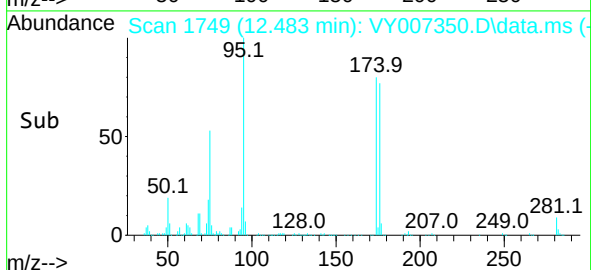
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

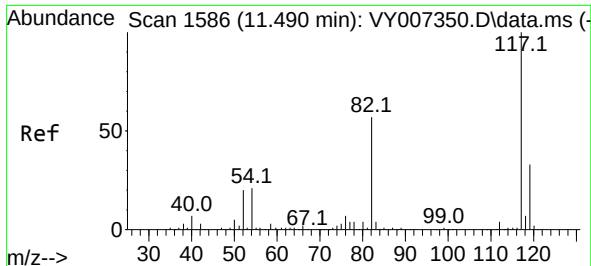


#62
4-Bromofluorobenzene
Concen: 47.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



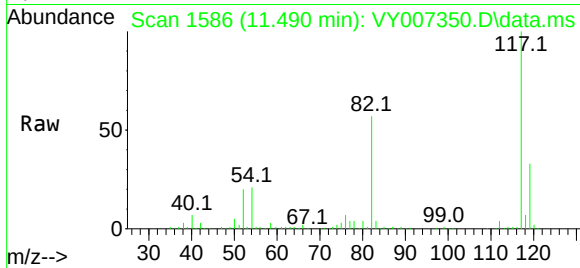
Tgt Ion: 95 Resp: 94073
Ion Ratio Lower Upper
95 100
174 77.2 0.0 177.0
176 74.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

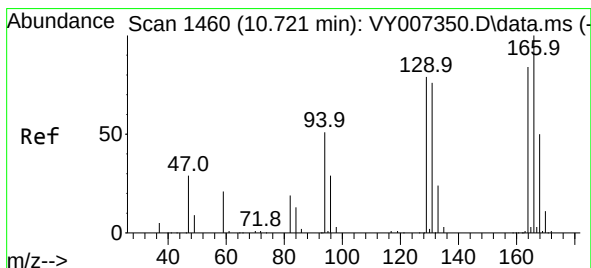
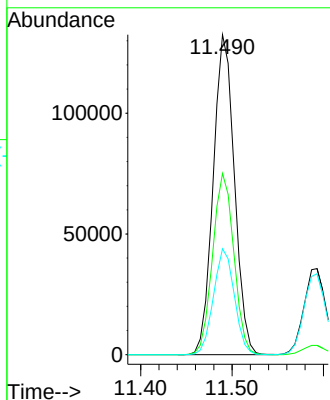
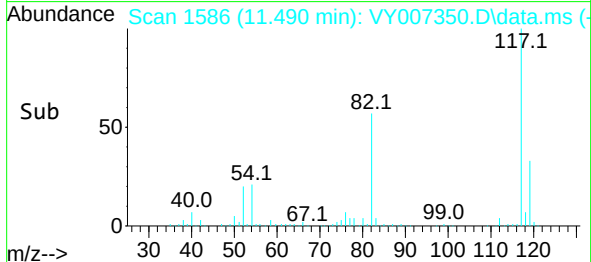
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



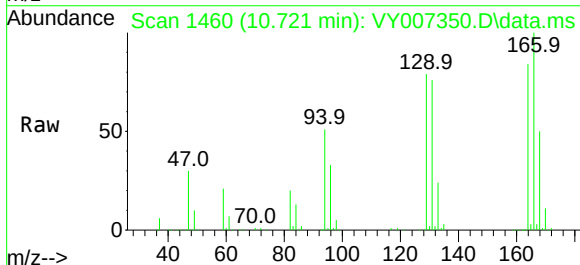
Tgt Ion:117 Resp: 213789
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 33.1 25.4 38.0

Manual Integrations
APPROVED

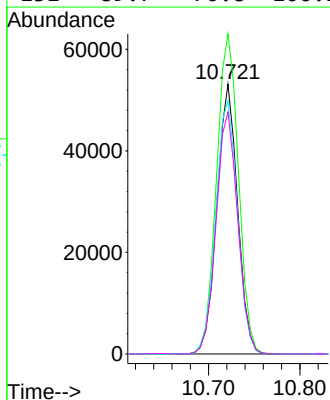
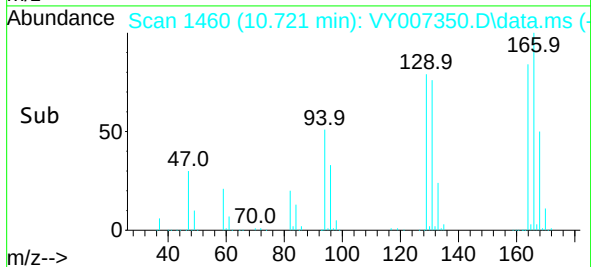
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

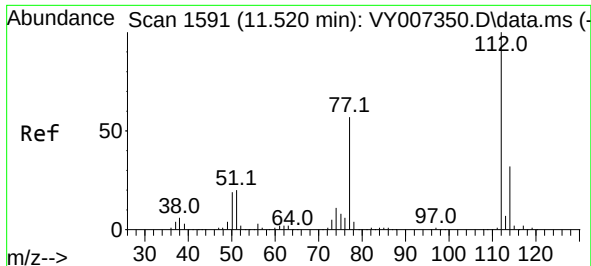


#64
Tetrachloroethene
Concen: 50.029 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



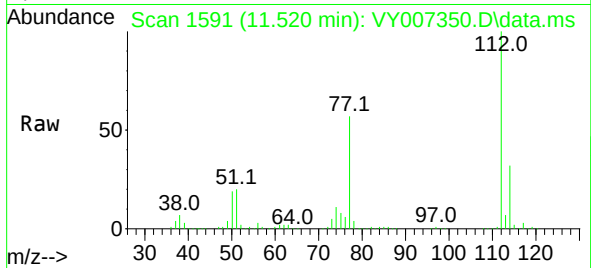
Tgt Ion:164 Resp: 83937
Ion Ratio Lower Upper
164 100
166 118.6 100.4 150.6
129 93.9 71.4 107.0
131 89.7 70.8 106.2





#65
Chlorobenzene
Concen: 49.803 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

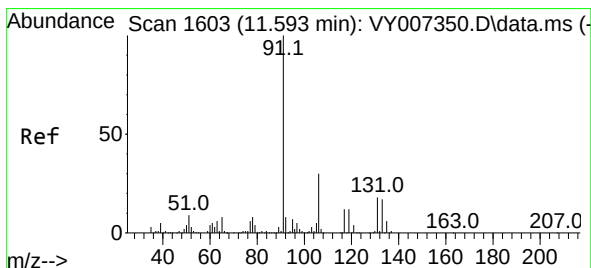
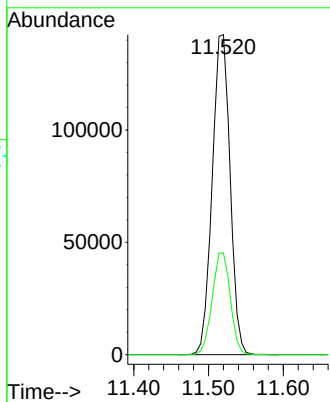
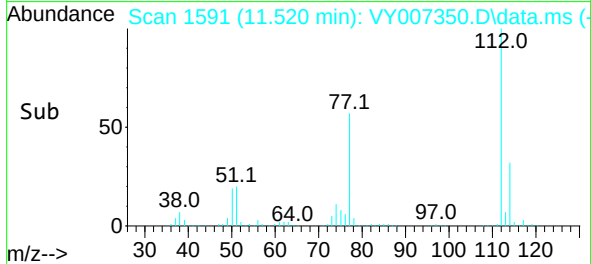
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



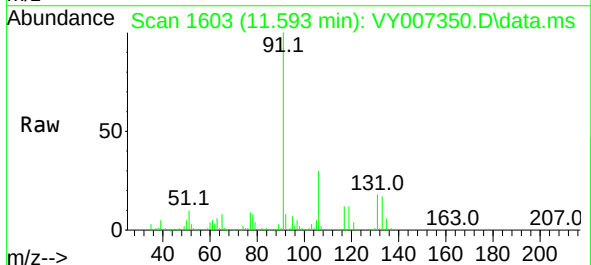
Tgt Ion:112 Resp: 23685
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Manual Integrations
APPROVED

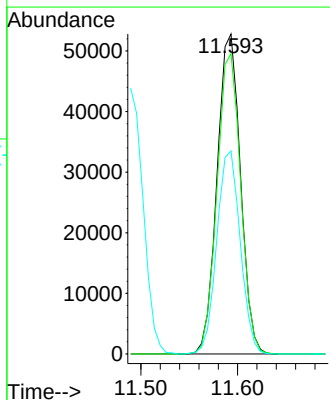
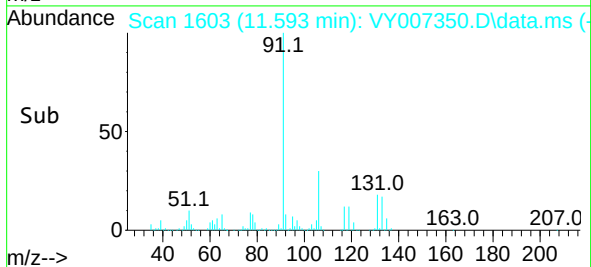
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

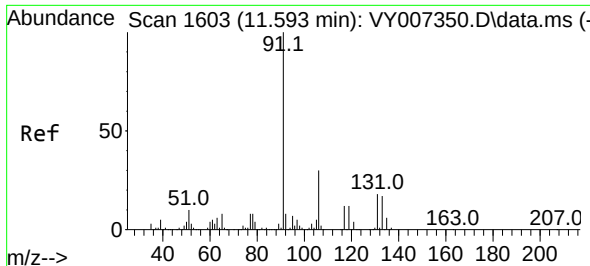


#66
1,1,1,2-Tetrachloroethane
Concen: 49.898 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



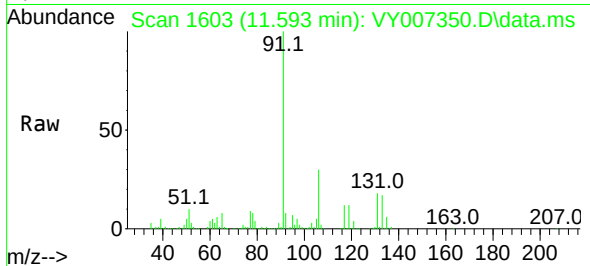
Tgt Ion:131 Resp: 88588
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 63.7 30.8 92.3





#67
Ethyl Benzene
Concen: 49.469 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

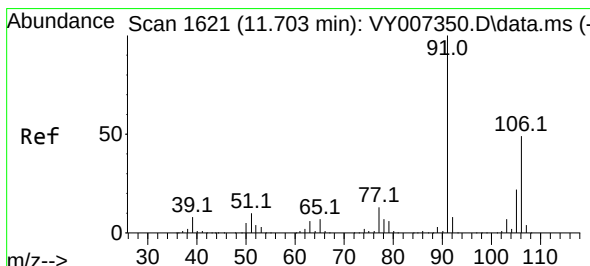
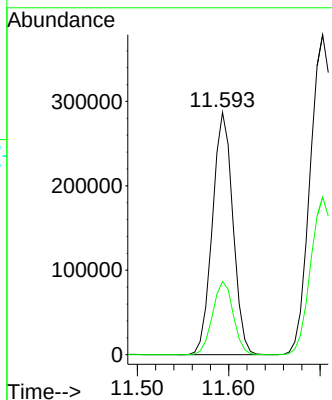
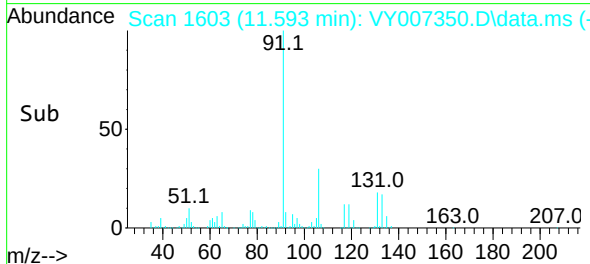
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 446449
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

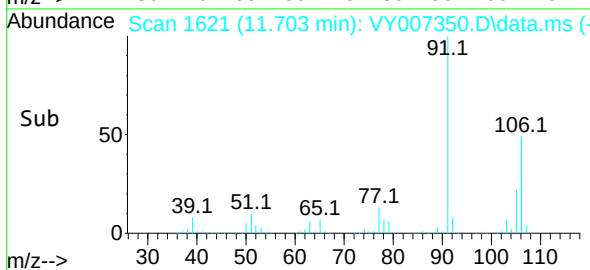
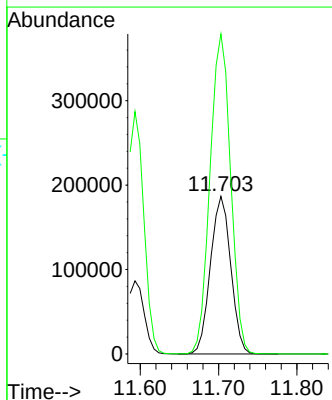
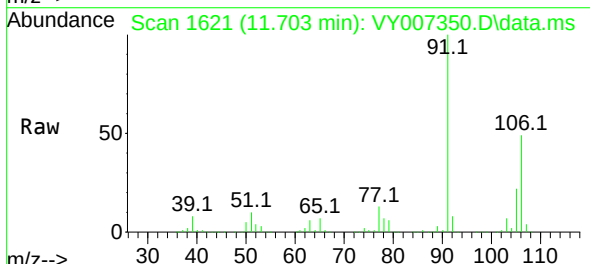
Manual Integrations
APPROVED

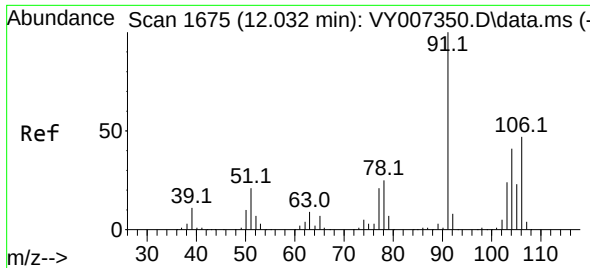
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#68
m/p-Xylenes
Concen: 100.711 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Tgt Ion:106 Resp: 336633
Ion Ratio Lower Upper
106 100
91 205.8 166.6 249.8





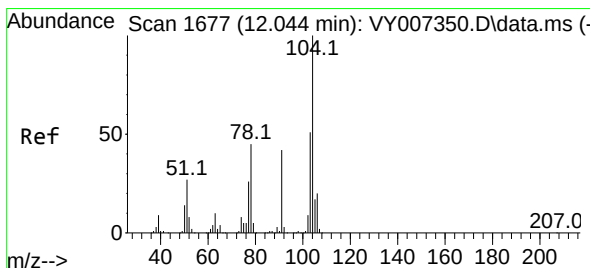
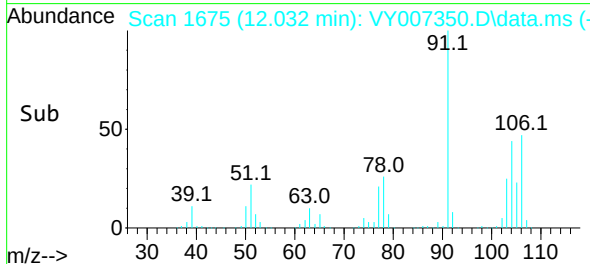
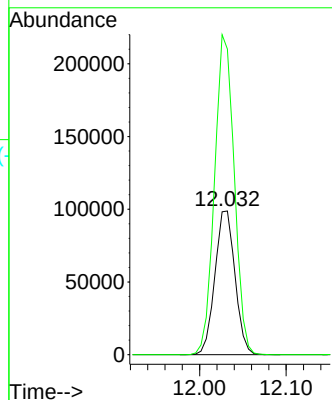
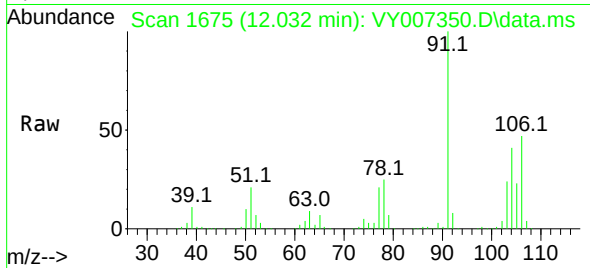
#69
o-Xylene
Concen: 50.421 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 159344
Ion Ratio Lower Upper
106 100
91 218.1 110.3 331.0

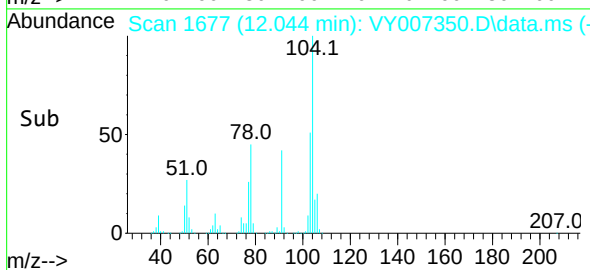
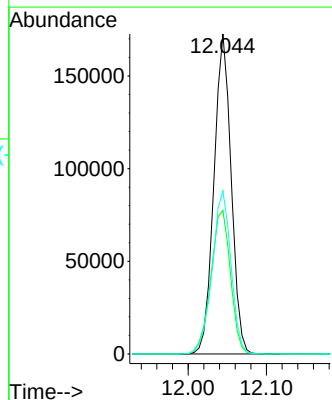
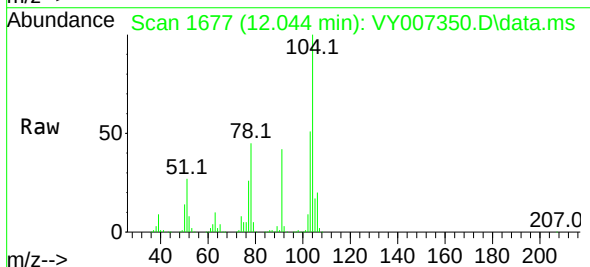
Manual Integrations
APPROVED

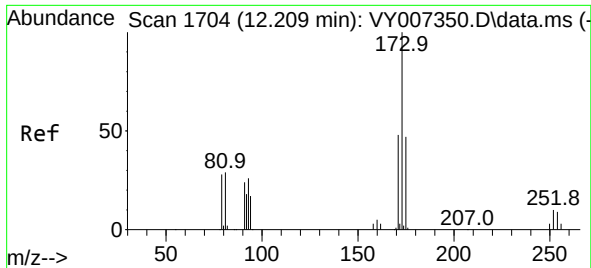
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#70
Styrene
Concen: 50.688 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

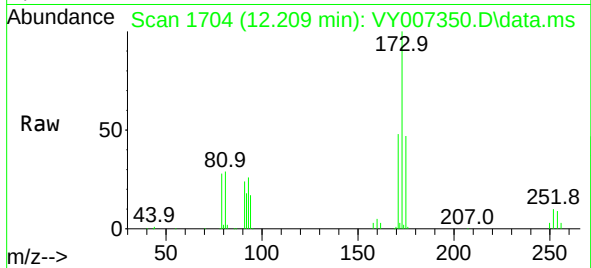
Tgt Ion:104 Resp: 264065
Ion Ratio Lower Upper
104 100
78 51.0 42.4 63.6
103 55.3 44.4 66.6





#71
Bromoform
Concen: 50.741 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

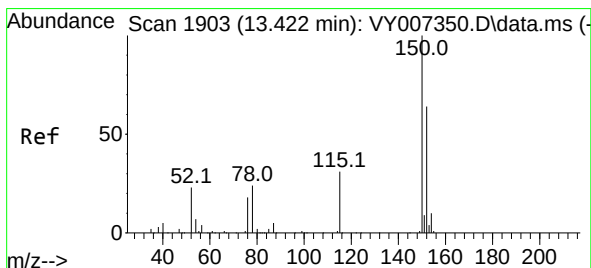
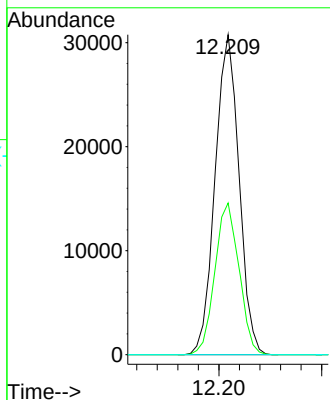
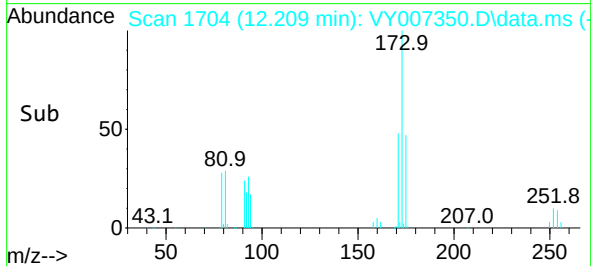
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



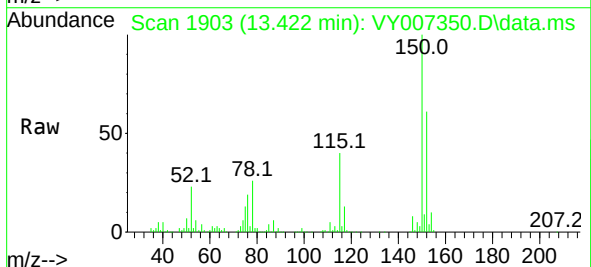
Tgt Ion:173 Resp: 4970
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

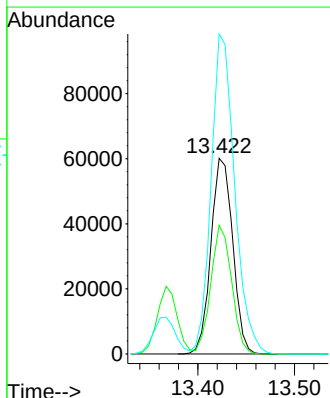
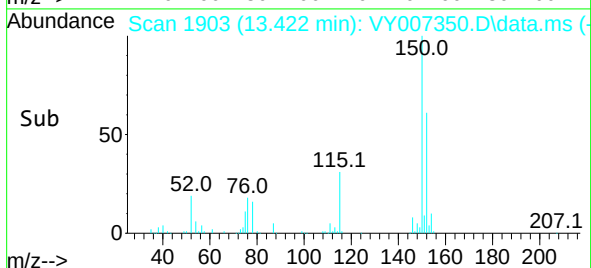
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

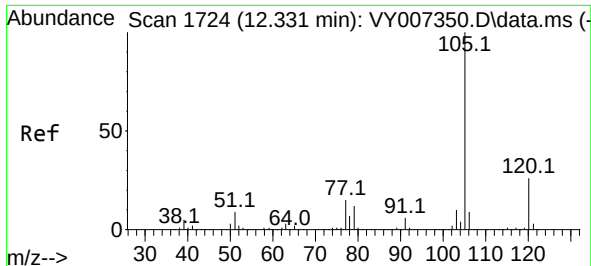


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



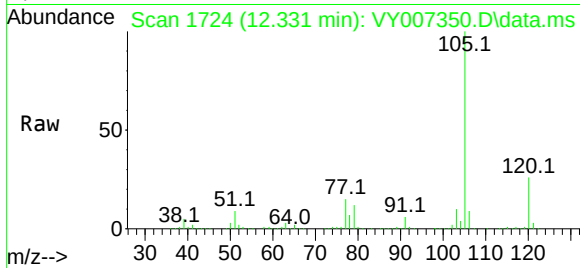
Tgt Ion:152 Resp: 94261
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 176.6 0.0 347.6





#73
Isopropylbenzene
Concen: 49.385 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

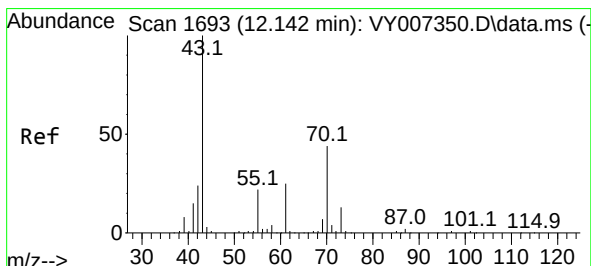
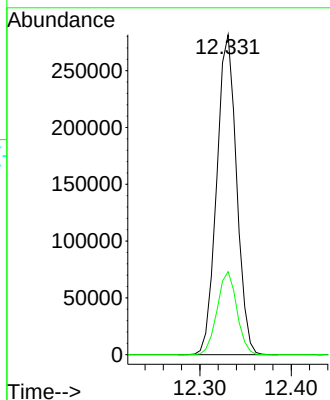
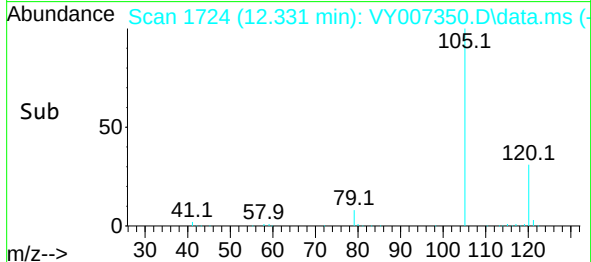
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



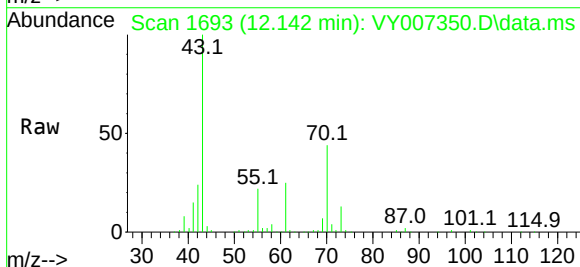
Tgt Ion:105 Resp: 425439
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

Manual Integrations
APPROVED

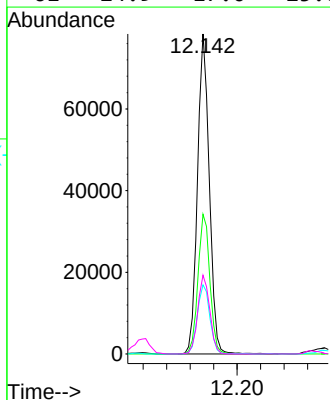
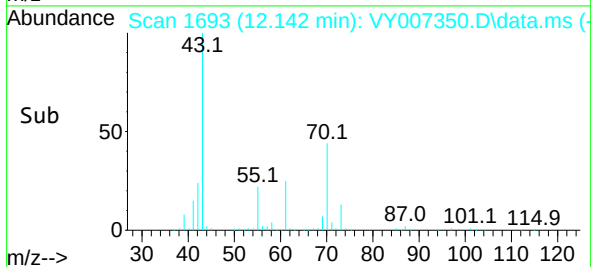
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

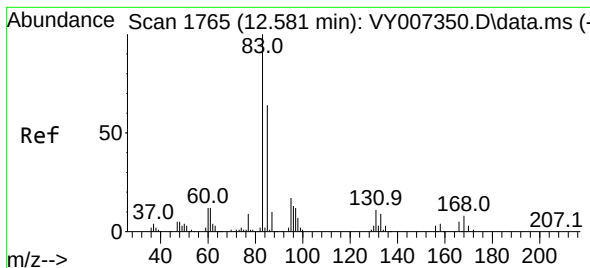


#74
N-ethyl acetate
Concen: 51.130 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



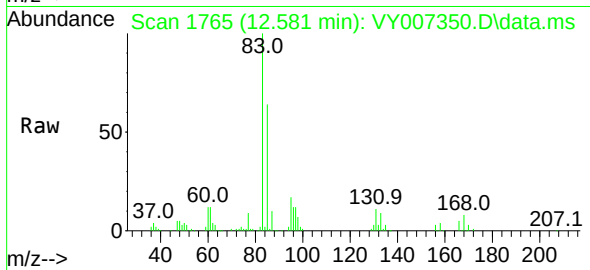
Tgt Ion: 43 Resp: 109028
Ion Ratio Lower Upper
43 100
70 44.1 28.7 43.1#
55 22.9 17.3 25.9
61 24.9 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.469 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

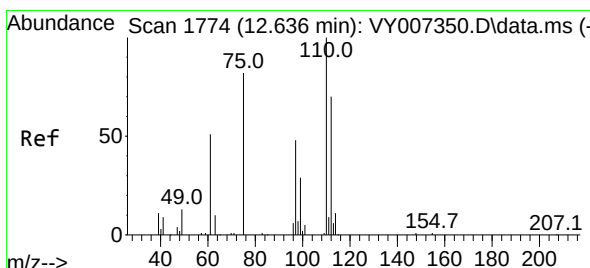
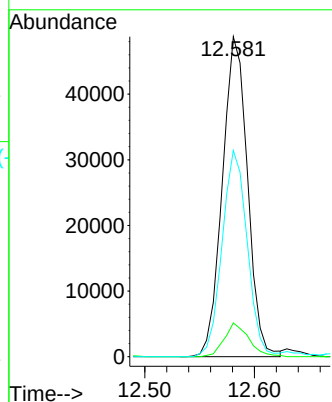
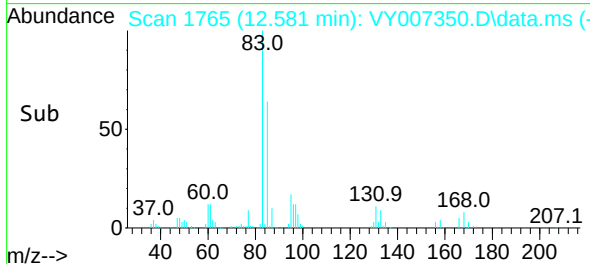
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



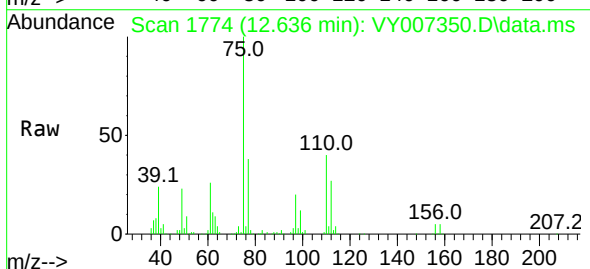
Tgt Ion: 83 Resp: 77825
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 64.2 32.3 96.8

Manual Integrations
APPROVED

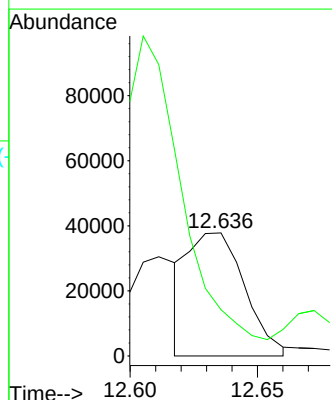
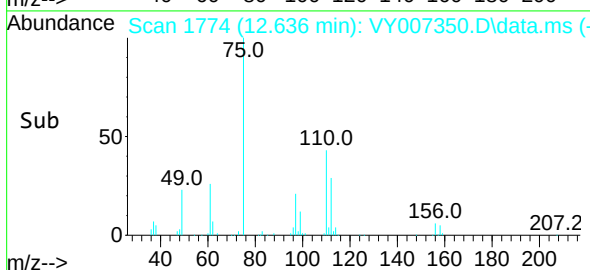
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

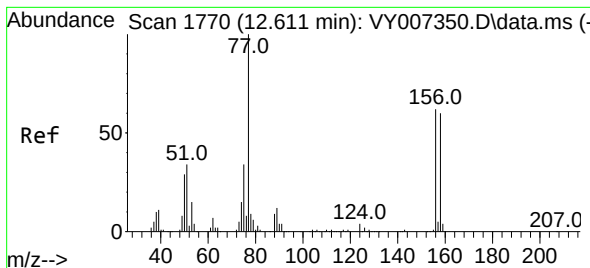


#76
1,2,3-Trichloropropane
Concen: 51.673 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion: 75 Resp: 58677
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.327 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

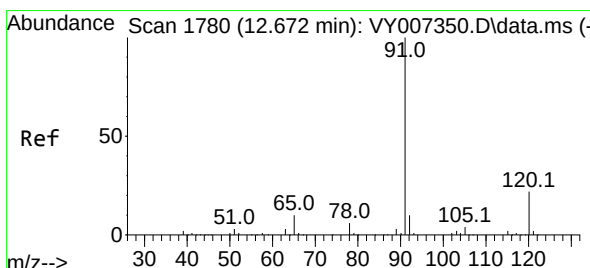
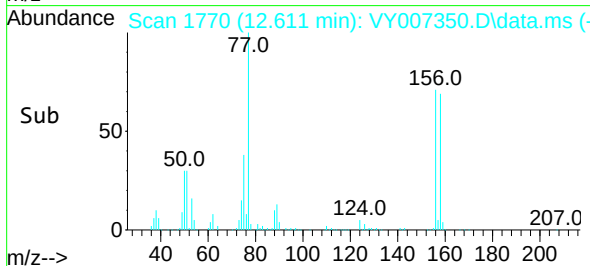
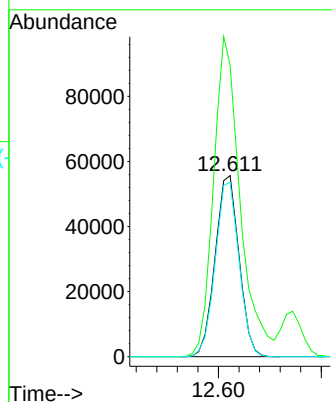
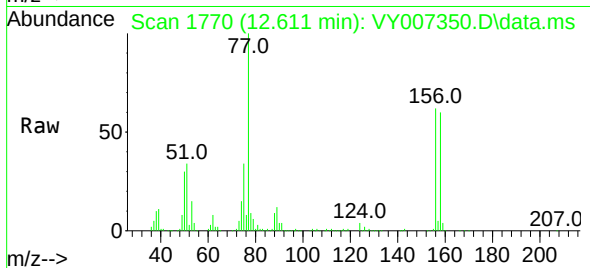
Tgt Ion:	156	Resp:	89510
Ion Ratio	Lower	Upper	
156	100		
77	197.2	95.5	286.4
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#78

n-propylbenzene

Concen: 50.331 ug/l

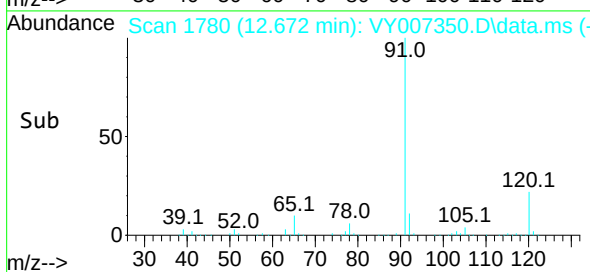
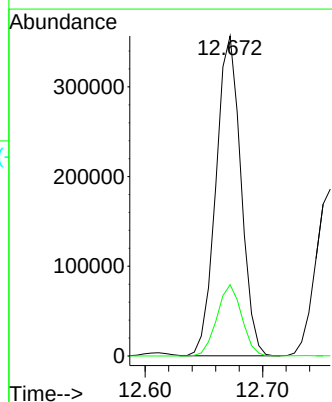
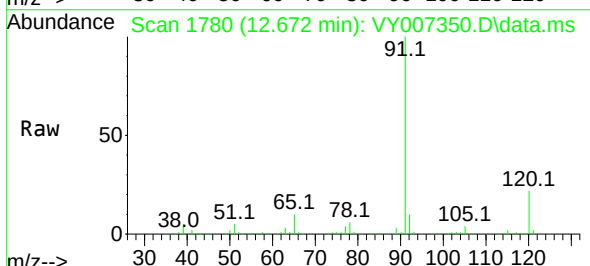
RT: 12.672 min Scan# 1780

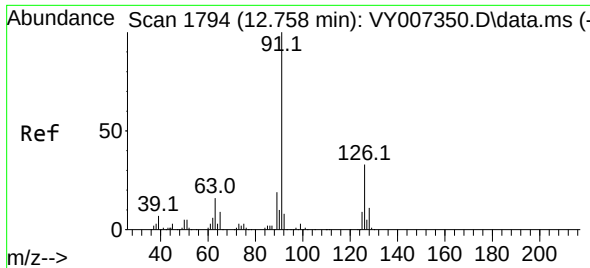
Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Tgt Ion:	91	Resp:	525178
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.9





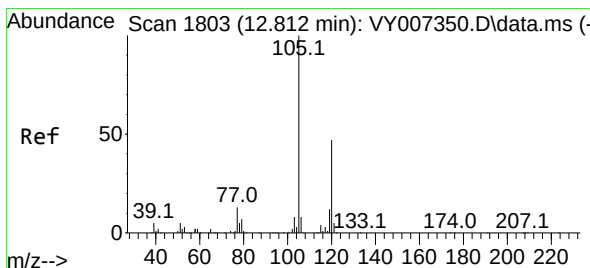
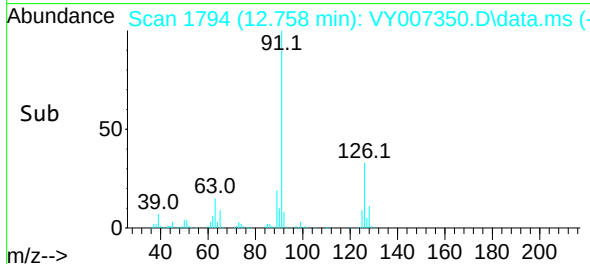
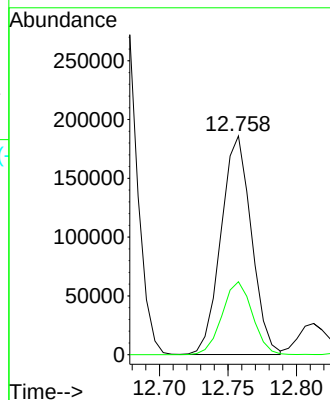
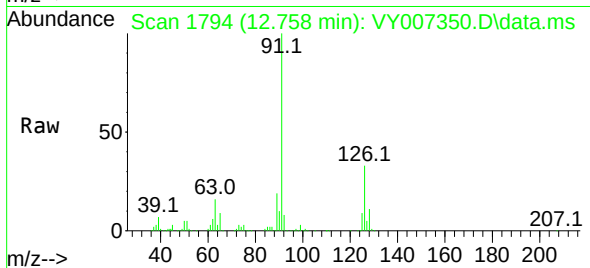
#79
2-Chlorotoluene
Concen: 49.718 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 28723
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6

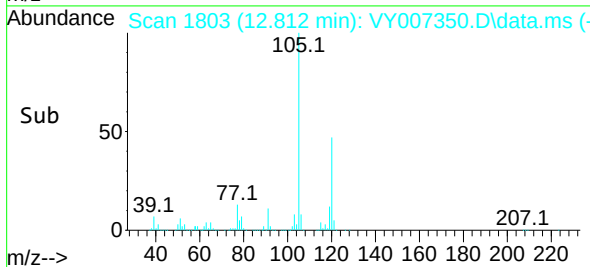
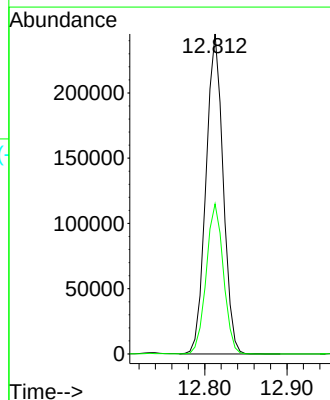
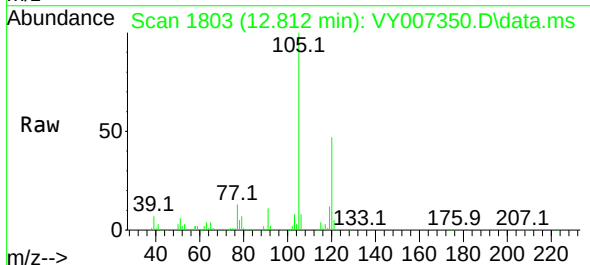
Manual Integrations
APPROVED

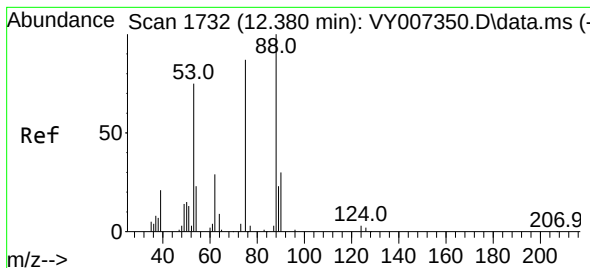
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.448 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

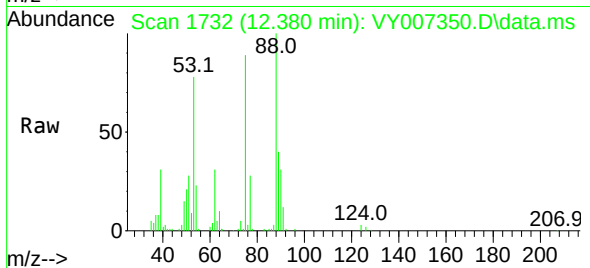
Tgt Ion:105 Resp: 354534
Ion Ratio Lower Upper
105 100
120 47.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 52.037 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

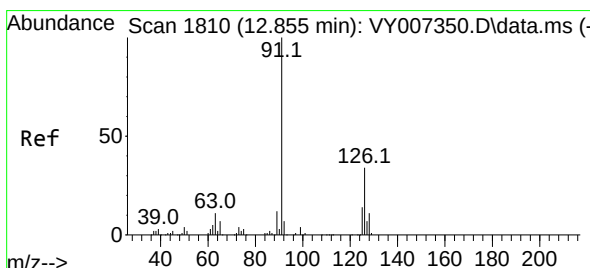
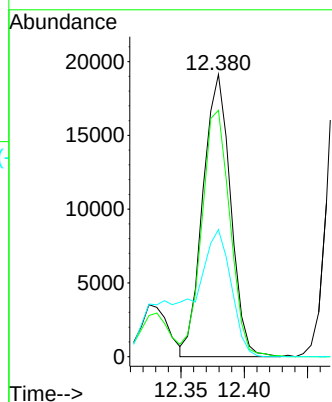
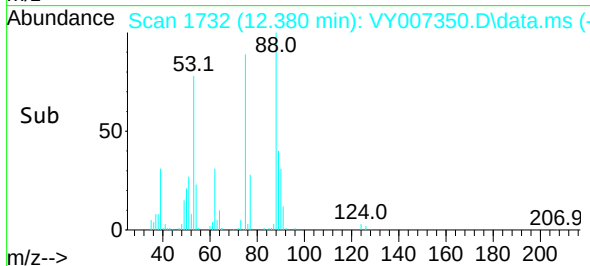
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 29100
Ion Ratio Lower Upper
75 100
53 88.8 85.3 127.9
89 80.0 37.0 55.4

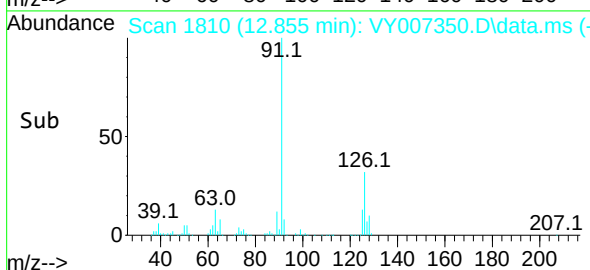
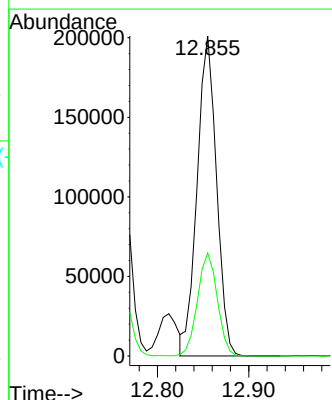
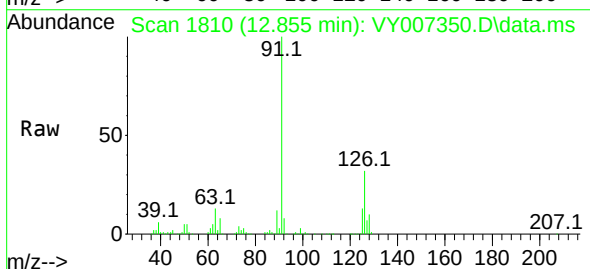
Manual Integrations
APPROVED

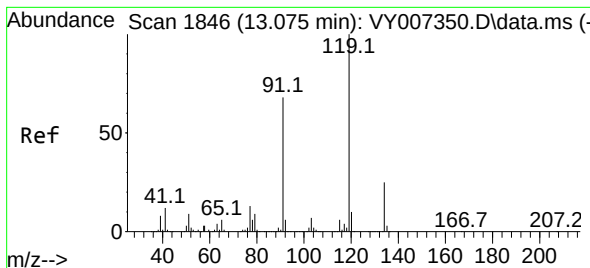
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#82
4-Chlorotoluene
Concen: 49.913 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

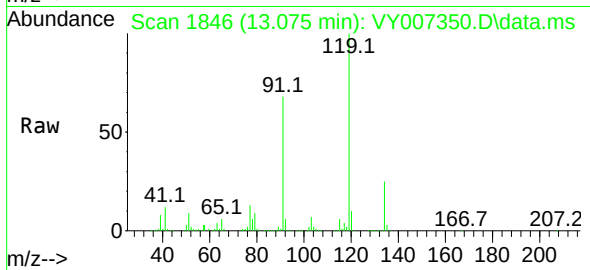
Tgt Ion: 91 Resp: 296167
Ion Ratio Lower Upper
91 100
126 32.9 17.0 51.0





#83
tert-Butylbenzene
Concen: 50.072 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

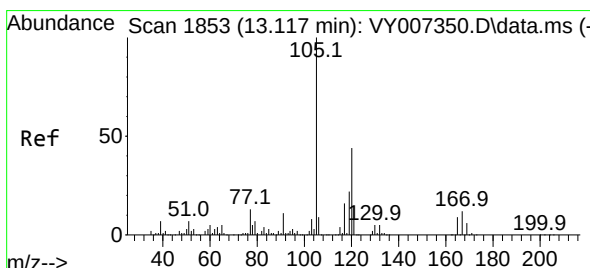
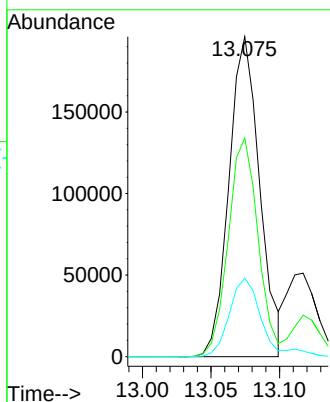
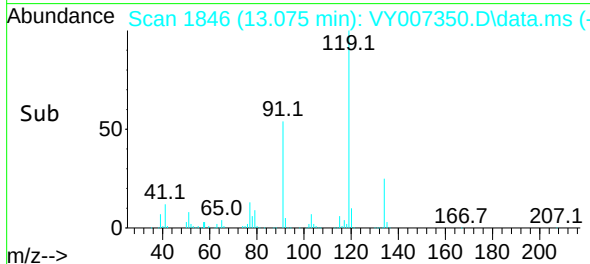
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



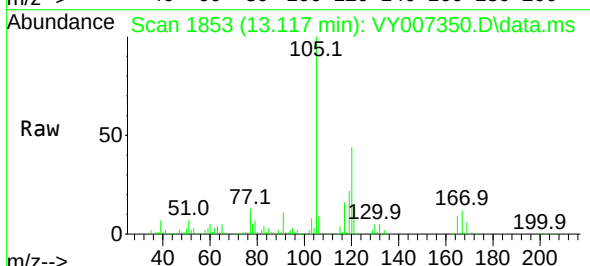
Tgt Ion:119 Resp: 306339
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.4
134 25.8 13.3 39.9

Manual Integrations
APPROVED

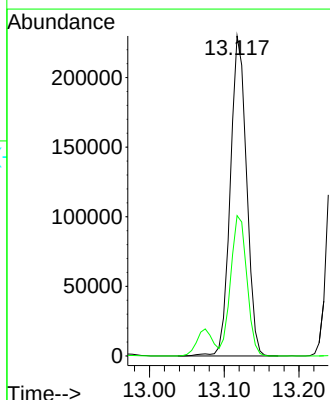
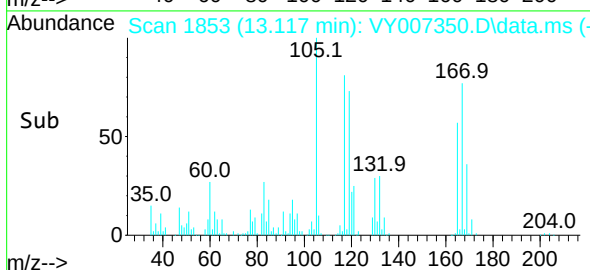
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

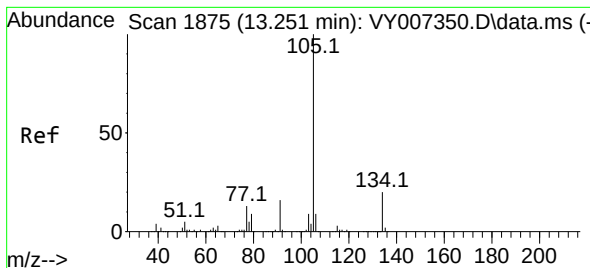


#84
1,2,4-Trimethylbenzene
Concen: 50.189 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23



Tgt Ion:105 Resp: 347283
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.991 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 458744

Ion Ratio Lower Upper

105 100

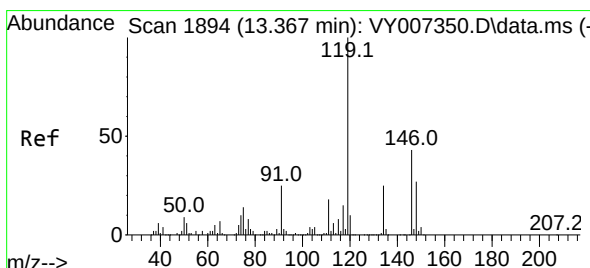
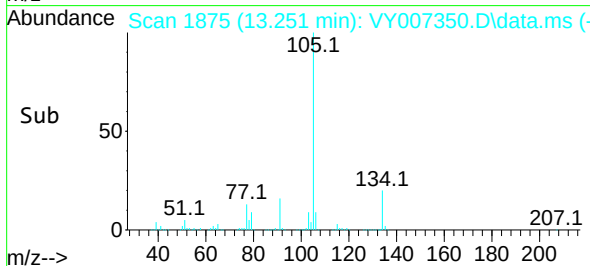
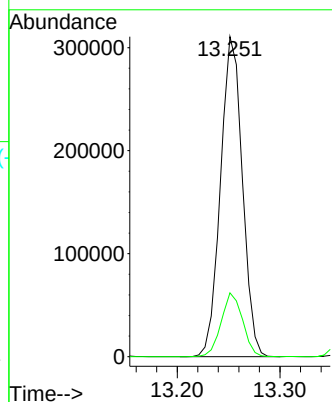
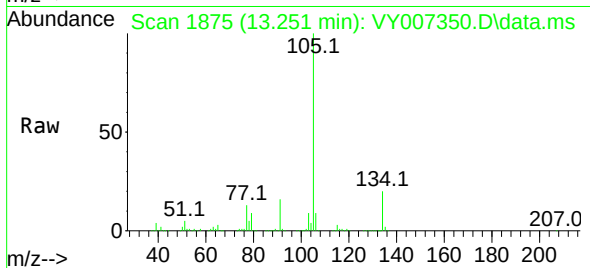
134 19.5 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#86

p-Isopropyltoluene

Concen: 50.580 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

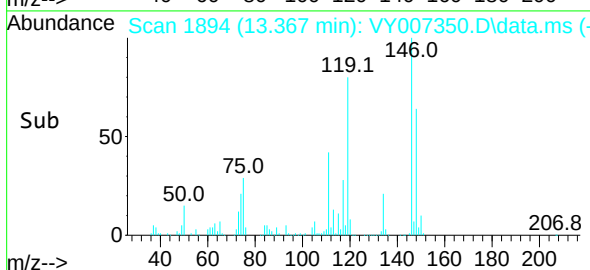
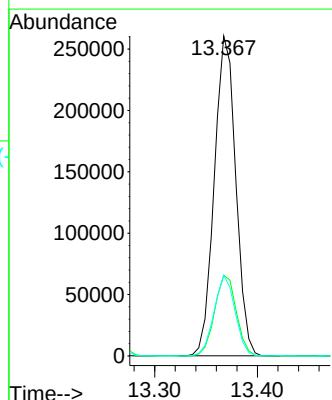
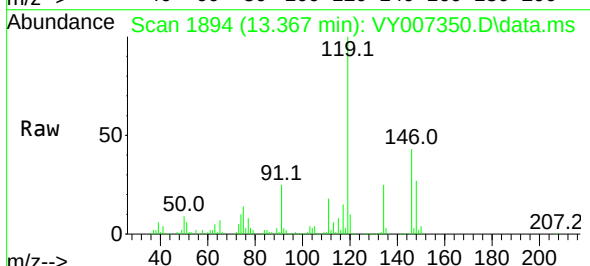
Tgt Ion:119 Resp: 378103

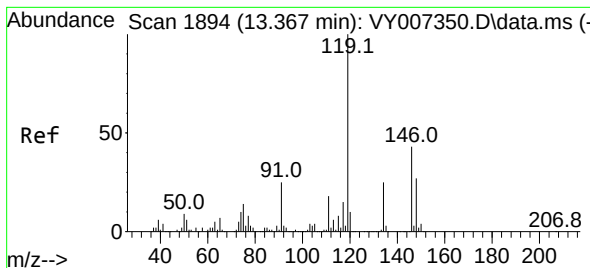
Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.322 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 177050

Ion Ratio Lower Upper

146 100

111 41.7 19.5 58.5

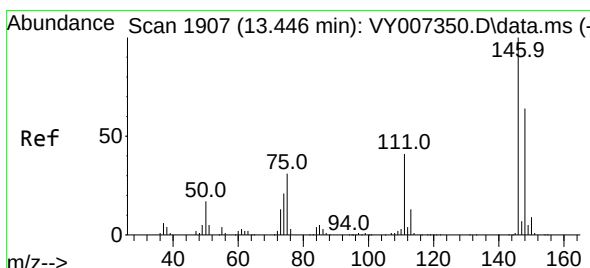
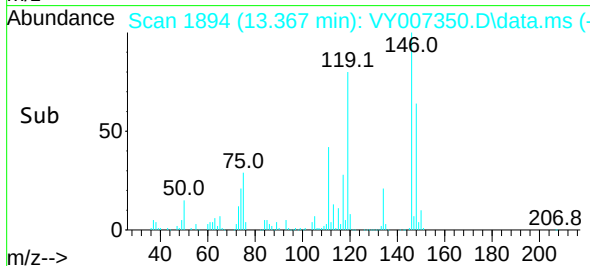
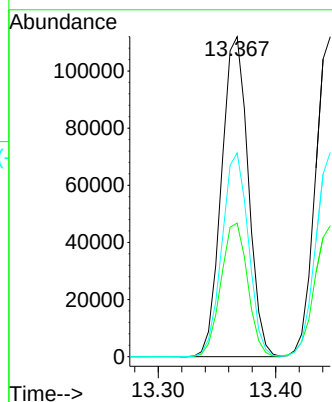
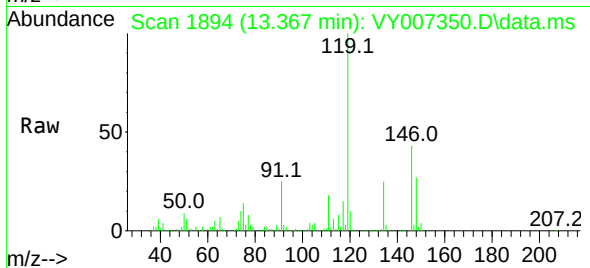
148 63.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#88

1,4-Dichlorobenzene

Concen: 49.599 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

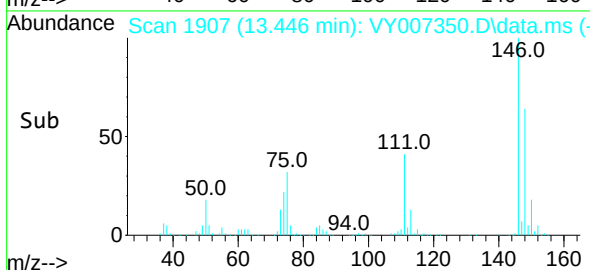
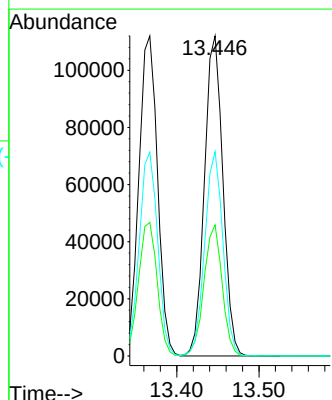
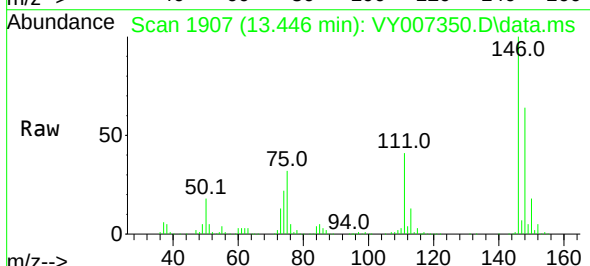
Tgt Ion:146 Resp: 173953

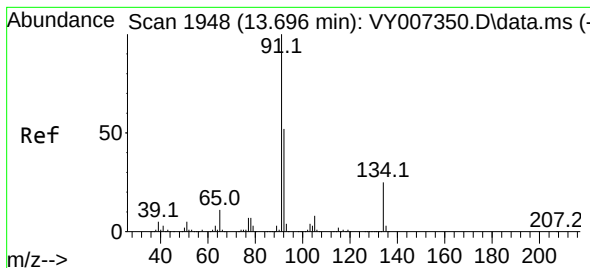
Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.8

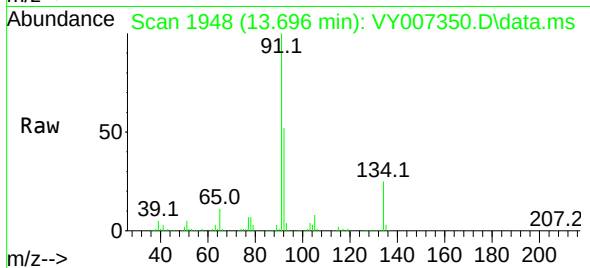
148 63.1 32.6 97.8





#89
n-Butylbenzene
Concen: 50.581 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

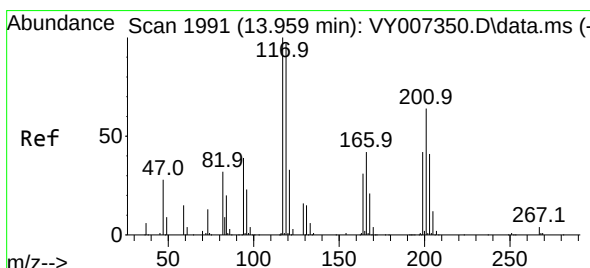
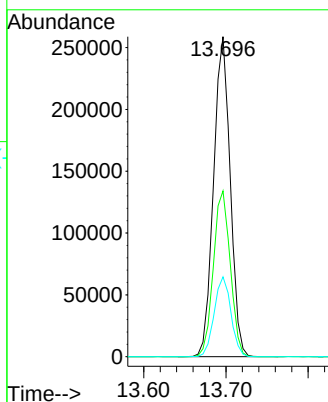
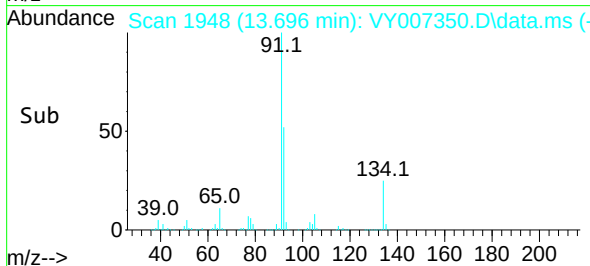
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 363925
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.0 13.0 38.9

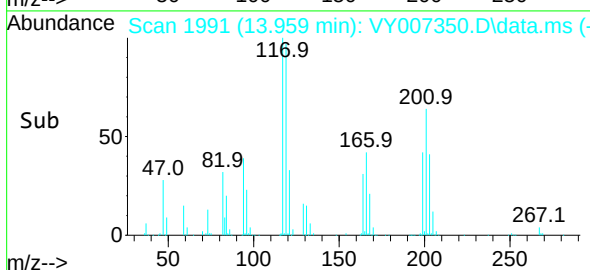
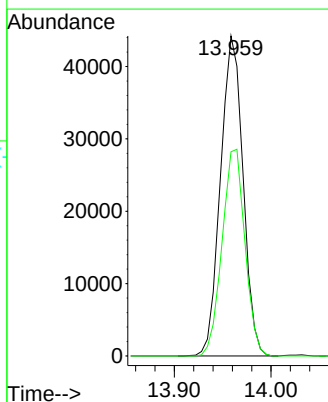
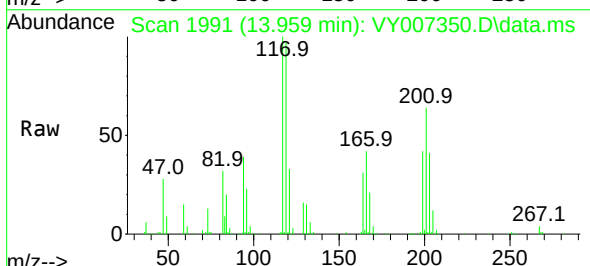
Manual Integrations
APPROVED

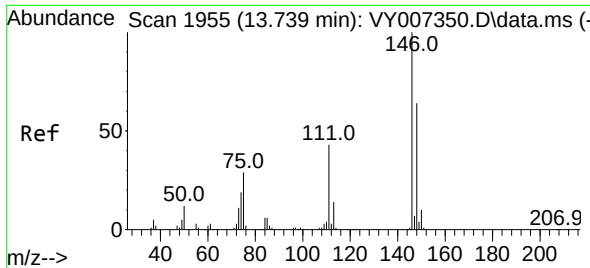
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#90
Hexachloroethane
Concen: 50.556 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

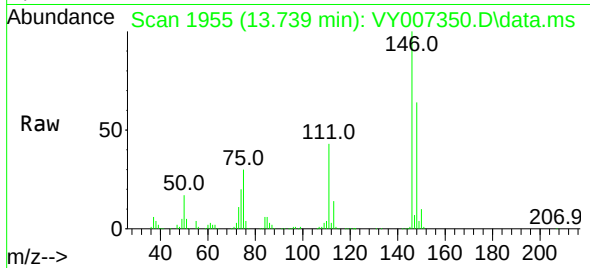
Tgt Ion:117 Resp: 71422
Ion Ratio Lower Upper
117 100
201 65.8 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 49.232 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

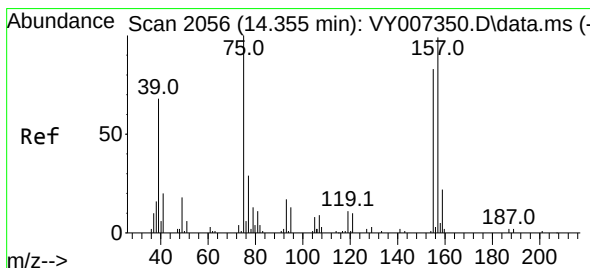
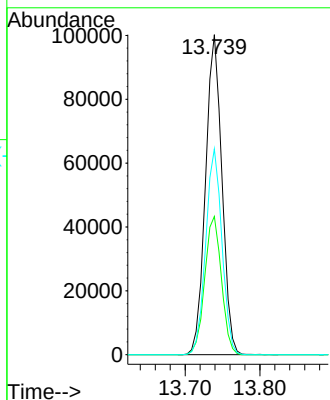
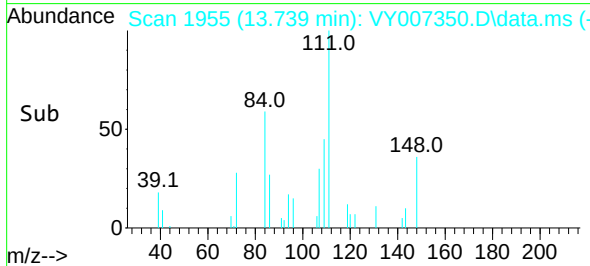
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 15246
Ion Ratio Lower Upper
146 100
111 44.0 20.3 60.9
148 63.7 32.3 96.9

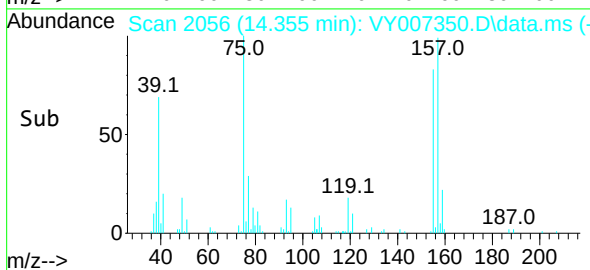
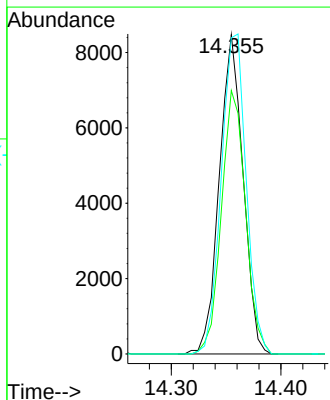
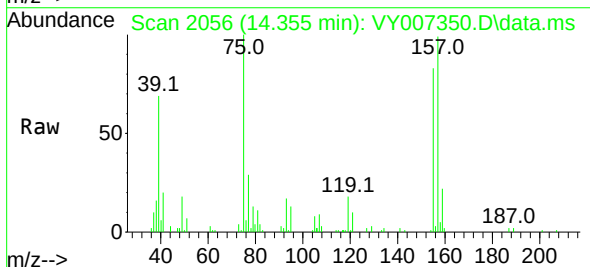
Manual Integrations
APPROVED

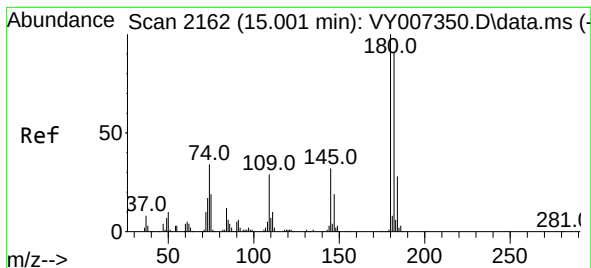
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.875 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007350.D
Acq: 02 Feb 2022 12:23

Tgt Ion: 75 Resp: 12751
Ion Ratio Lower Upper
75 100
155 83.5 38.0 113.9
157 104.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.690 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

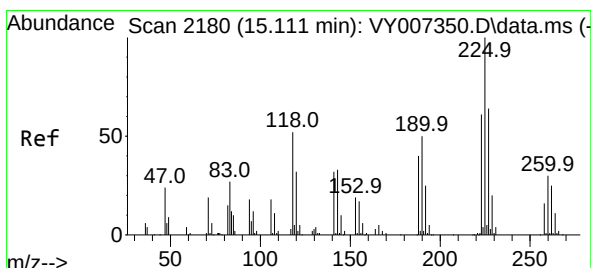
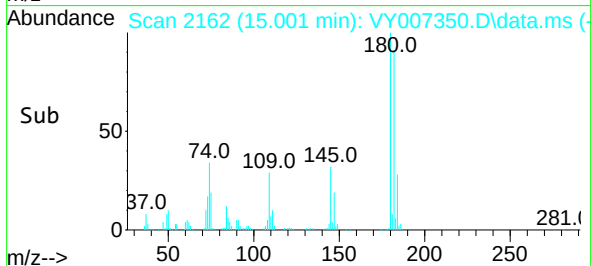
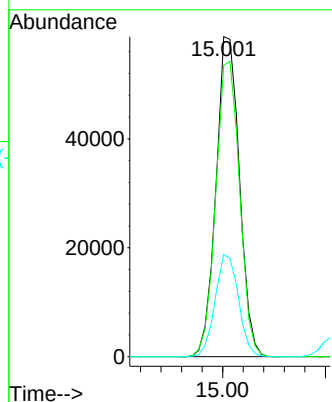
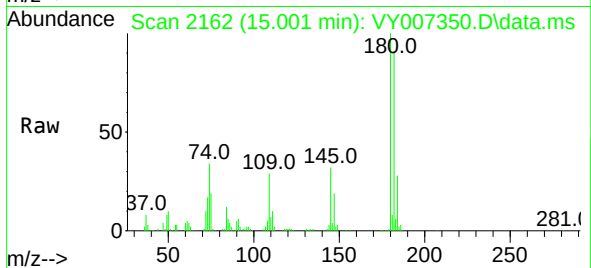
Tgt Ion:180	Resp:	92964
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.3 141.9
145	31.9	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#94

Hexachlorobutadiene

Concen: 50.770 ug/l

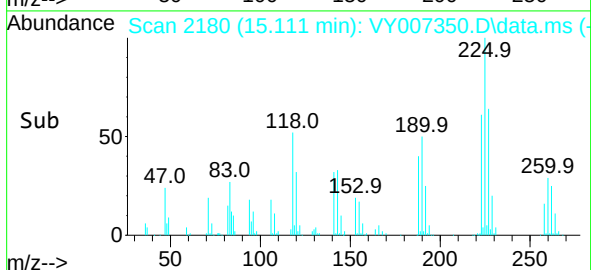
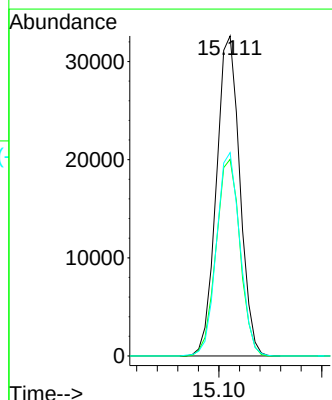
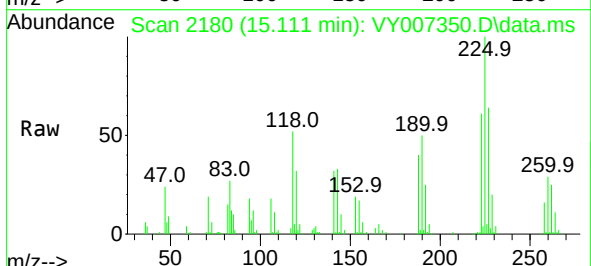
RT: 15.111 min Scan# 2180

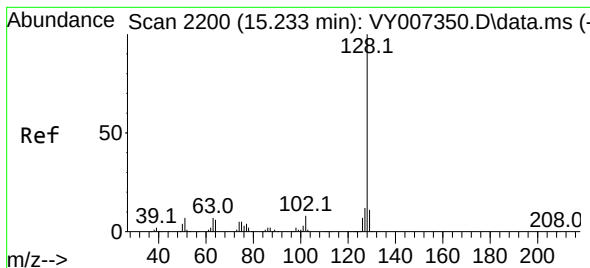
Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Tgt Ion:225	Resp:	51544
Ion Ratio	Lower	Upper
225	100	
223	62.8	30.8 92.3
227	63.4	31.6 94.7





#95

Naphthalene

Concen: 51.769 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

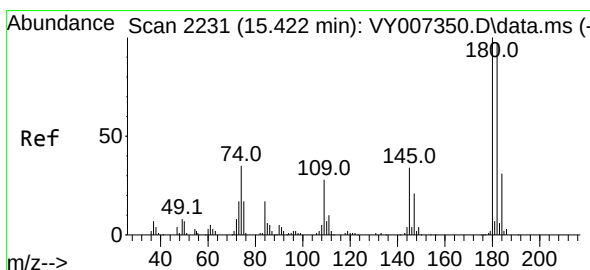
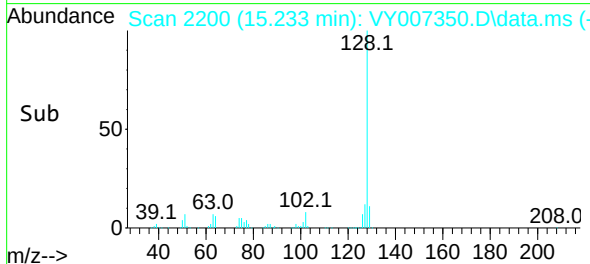
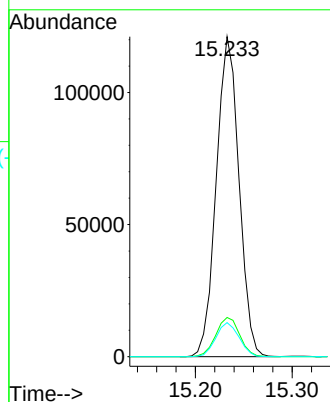
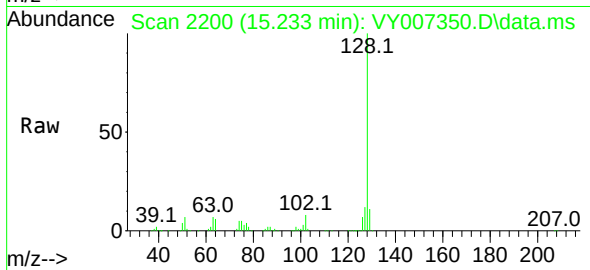
Tgt Ion:	128	Resp:	19730
Ion Ratio	Lower	Upper	
128	100		
127	12.9	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.127 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007350.D

Acq: 02 Feb 2022 12:23

Tgt Ion:	180	Resp:	77601
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.9
145	34.2	15.3	45.9

