

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007349.D
 Acq On : 02 Feb 2022 12:02
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 04:26:45 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	138520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29037	18.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	36.440%#		
35) Dibromofluoromethane	7.722	113	26281	17.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	35.100%#		
50) Toluene-d8	10.179	98	96333	17.409	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	34.820%#		
62) 4-Bromofluorobenzene	12.483	95	34503	18.345	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	36.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36403	22.446	ug/l	100
3) Chloromethane	2.113	50	40843	20.548	ug/l	92
4) Vinyl Chloride	2.253	62	41715	21.812	ug/l	99
5) Bromomethane	2.650	94	23823	20.565	ug/l	97
6) Chloroethane	2.796	64	25131	21.397	ug/l	99
7) Trichlorofluoromethane	3.131	101	65624	21.175	ug/l	90
8) Diethyl Ether	3.534	74	19619	21.327	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	37069	21.238	ug/l	92
10) Methyl Iodide	4.094	142	38337	20.375	ug/l	94
11) Tert butyl alcohol	4.942	59	28613	112.254	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	34043	21.115	ug/l	88
13) Acrolein	3.735	56	22214	103.784	ug/l	98
14) Allyl chloride	4.485	41	51496	20.795	ug/l #	95
15) Acrylonitrile	5.167	53	45696	105.730	ug/l	99
16) Acetone	3.954	43	46544	89.946	ug/l	94
17) Carbon Disulfide	4.198	76	107578	21.254	ug/l	99
18) Methyl Acetate	4.485	43	20661	21.317	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	94002	20.695	ug/l	98
20) Methylene Chloride	4.722	84	36045	19.921	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	37793	21.189	ug/l	84
22) Diisopropyl ether	6.125	45	108364	20.885	ug/l	95
23) Vinyl Acetate	6.064	43	354752	104.834	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	65008	20.745	ug/l	98
25) 2-Butanone	6.990	43	60708	97.101	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	61601	20.544	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	40659	20.638	ug/l	90
28) Bromochloromethane	7.332	49	23403	19.100	ug/l	90
29) Tetrahydrofuran	7.350	42	37826	104.701	ug/l #	87
30) Chloroform	7.508	83	67411	20.679	ug/l	100
31) Cyclohexane	7.789	56	64684	20.805	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	63359	20.912	ug/l	95
36) 1,1-Dichloropropene	7.923	75	54795	20.926	ug/l	100
37) Ethyl Acetate	7.076	43	27372	21.026	ug/l	97
38) Carbon Tetrachloride	7.905	117	57470	20.890	ug/l	93
39) Methylcyclohexane	9.185	83	68108	20.711	ug/l	89
40) Benzene	8.167	78	142443	20.522	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	14498m	17.501	ug/l	
42) 1,2-Dichloroethane	8.240	62	43271	20.508	ug/l	95
43) Isopropyl Acetate	8.277	43	50413	20.707	ug/l #	91
44) Trichloroethene	8.947	130	38797	20.673	ug/l	98
45) 1,2-Dichloropropane	9.215	63	34292	20.037	ug/l	90
46) Dibromomethane	9.307	93	20431	20.065	ug/l	91
47) Bromodichloromethane	9.502	83	49892	20.262	ug/l	98
48) Methyl methacrylate	9.295	41	22306	20.260	ug/l #	88
49) 1,4-Dioxane	9.301	88	5285	473.832	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	129620	104.979	ug/l	93
52) Toluene	10.246	92	89034	20.359	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	52817	20.533	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58662	20.360	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	27601	20.639	ug/l	99
56) Ethyl methacrylate	10.508	69	38518	20.737	ug/l	85
57) 1,3-Dichloropropane	10.794	76	48283	20.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	96914	100.302	ug/l	96
59) 2-Hexanone	10.831	43	90482	100.517	ug/l	91
60) Dibromochloromethane	10.983	129	34139	20.505	ug/l	98
61) 1,2-Dibromoethane	11.087	107	27141	20.514	ug/l	99
64) Tetrachloroethene	10.721	164	32400	20.372	ug/l	95
65) Chlorobenzene	11.514	112	92681	20.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	34447	20.469	ug/l	98
67) Ethyl Benzene	11.593	91	175760	20.545	ug/l	99
68) m/p-Xylenes	11.703	106	131203	41.409	ug/l	99
69) o-Xylene	12.026	106	61524	20.538	ug/l	98
70) Styrene	12.044	104	102535	20.763	ug/l	99
71) Bromoform	12.209	173	18913	20.369	ug/l #	99
73) Isopropylbenzene	12.331	105	171346	20.709	ug/l	98
74) N-amyl acetate	12.142	43	42964	20.978	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	31206	20.653	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20487m	18.784	ug/l	
77) Bromobenzene	12.611	156	35025	20.096	ug/l	95
78) n-propylbenzene	12.672	91	209021	20.857	ug/l	98
79) 2-Chlorotoluene	12.758	91	114230	20.587	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	139438	20.658	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11100	20.662	ug/l	86
82) 4-Chlorotoluene	12.855	91	117570	20.630	ug/l	99
83) tert-Butylbenzene	13.075	119	120493	20.506	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	137685	20.718	ug/l	98
85) sec-Butylbenzene	13.257	105	183233	20.790	ug/l	97
86) p-Isopropyltoluene	13.367	119	148428	20.673	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	69341	20.520	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	70647	20.973	ug/l	97
89) n-Butylbenzene	13.696	91	143717	20.797	ug/l	99
90) Hexachloroethane	13.959	117	27358	20.163	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	60679	20.400	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4696	19.125	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	36555	20.753	ug/l	95
94) Hexachlorobutadiene	15.111	225	19767	20.272	ug/l	99
95) Naphthalene	15.233	128	75150	20.530	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	29899	20.109	ug/l	96

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QLast Update : Thu Feb 03 04:23:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :

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Client Sample Id :

VSTDIC020

Manual Integrations

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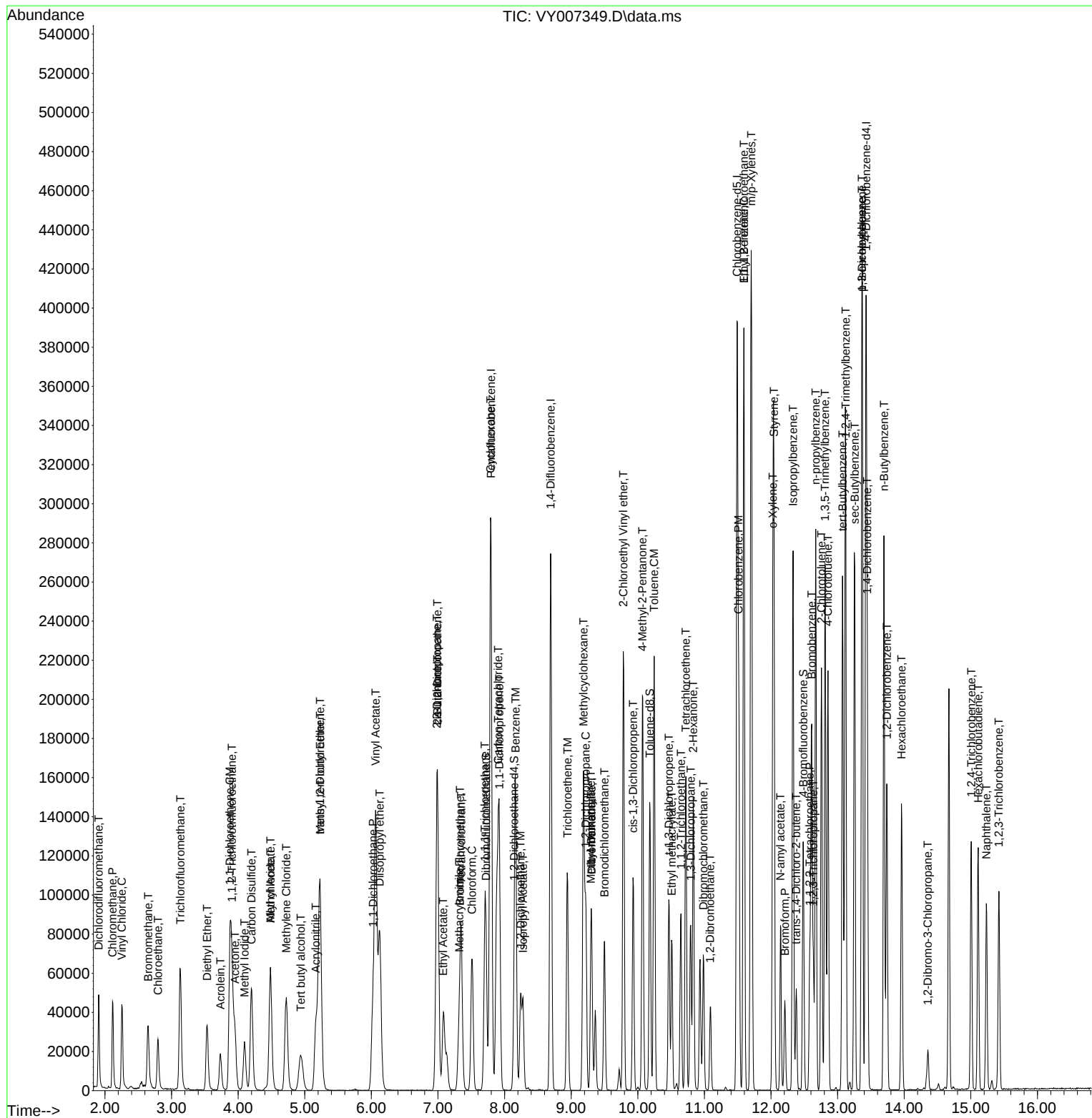
Quant Time: Feb 03 04:26:45 2022

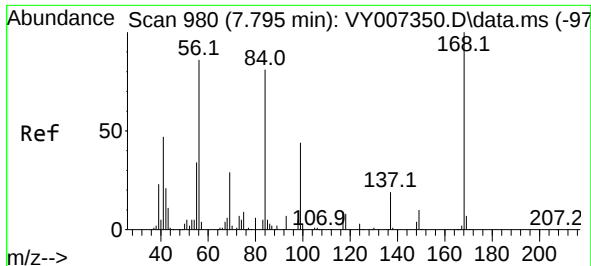
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M

Quant Title : SW846 8260

QLast Update : Thu Feb 03 04:23:41 2022

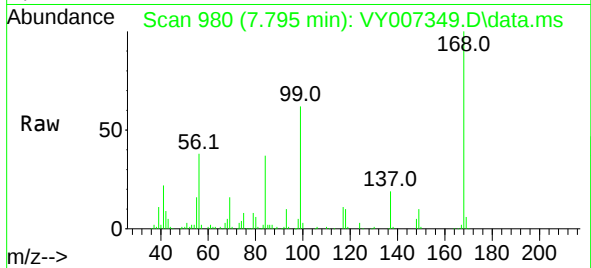
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007349.D
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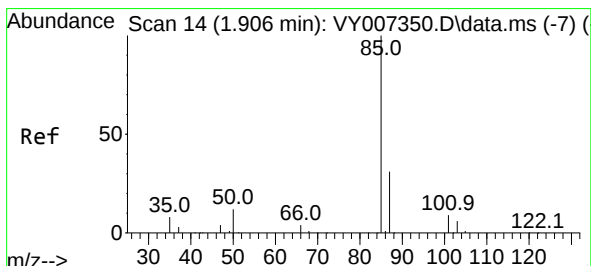
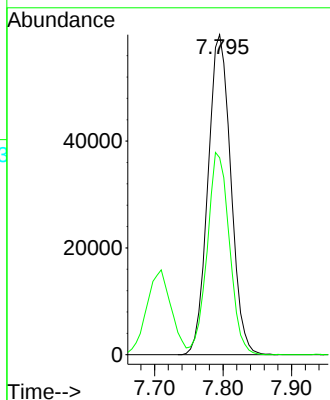
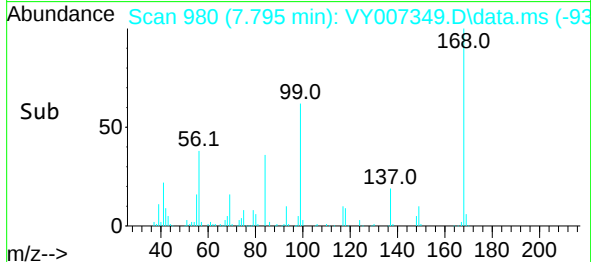
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 138520
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3

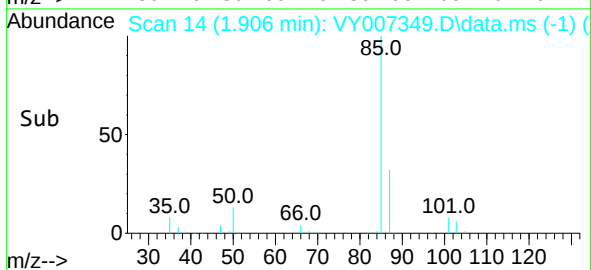
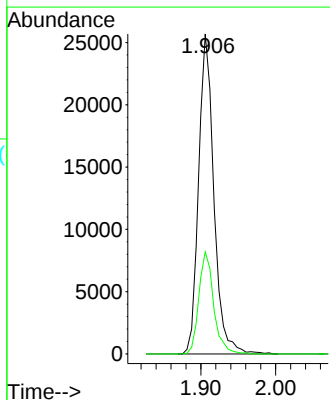
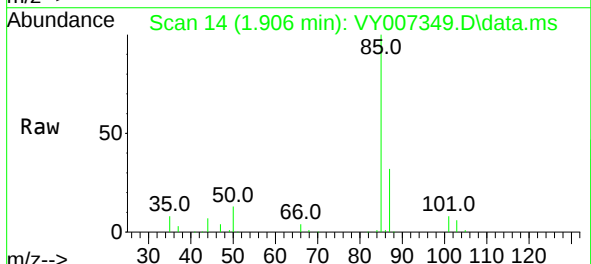
Manual Integrations
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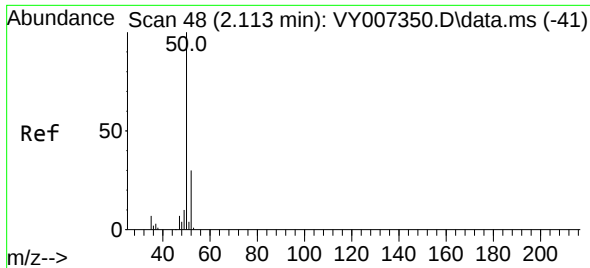
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#2
Dichlorodifluoromethane
Concen: 22.446 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

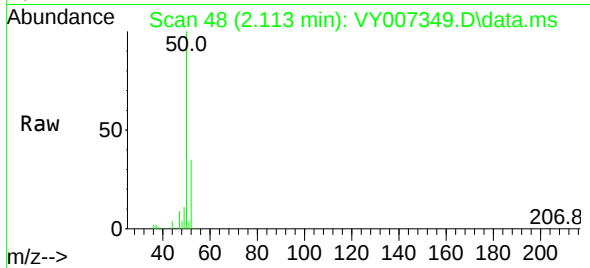
Tgt Ion: 85 Resp: 36403
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2





#3
Chloromethane
Concen: 20.548 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

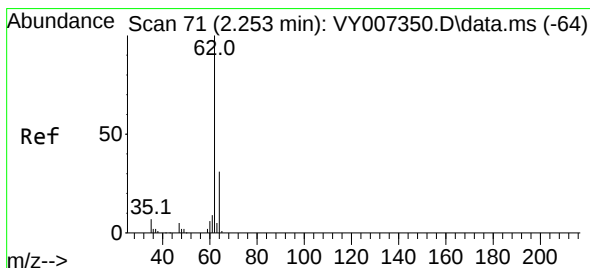
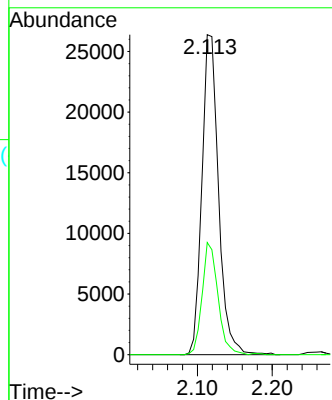
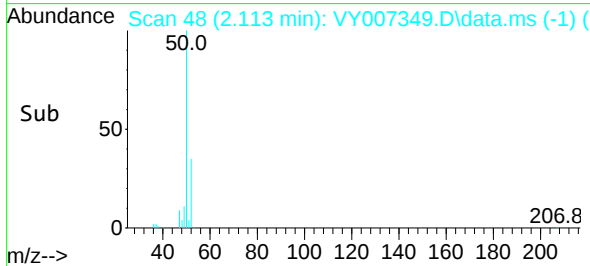
Instrument :
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Tgt Ion: 50 Resp: 4084
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0

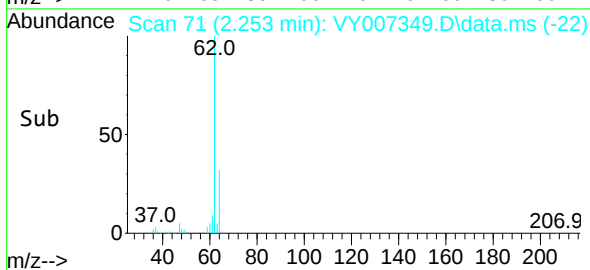
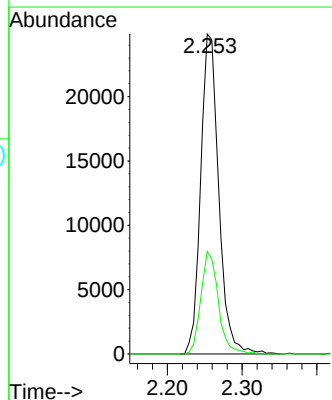
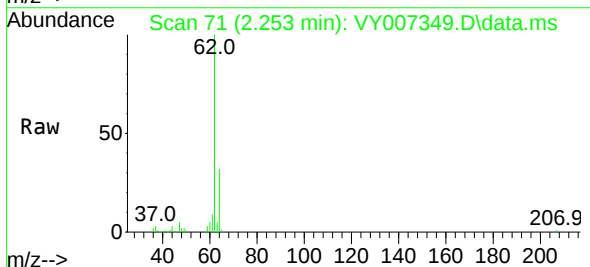
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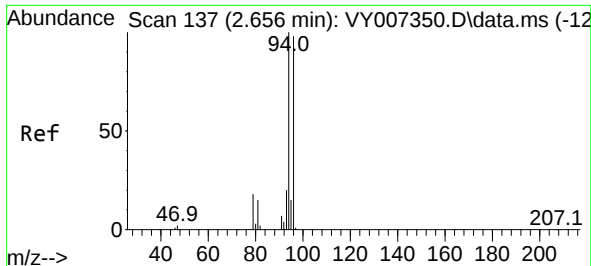
Reviewed By :John Carlone 02/03/2022
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#4
Vinyl Chloride
Concen: 21.812 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

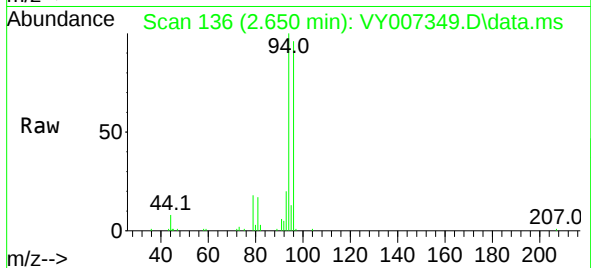
Tgt Ion: 62 Resp: 41715
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6





#5
Bromomethane
Concen: 20.565 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007349.D
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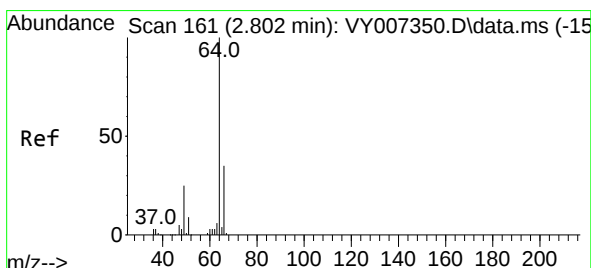
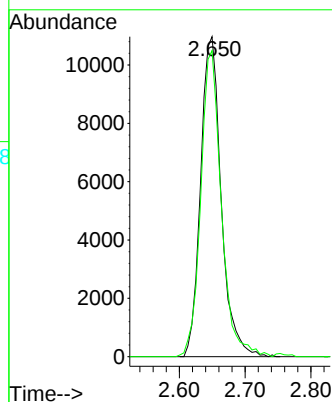
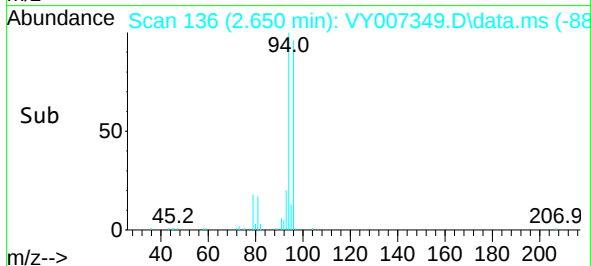
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Tgt Ion: 94 Resp: 2382
Ion Ratio Lower Upper
94 100
96 95.1 73.5 110.3

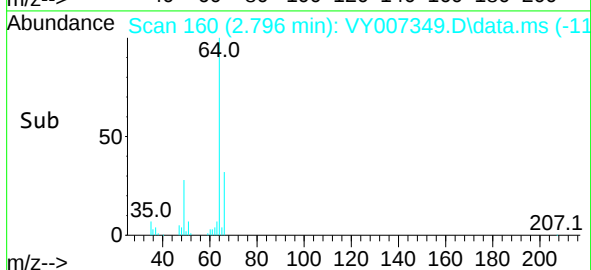
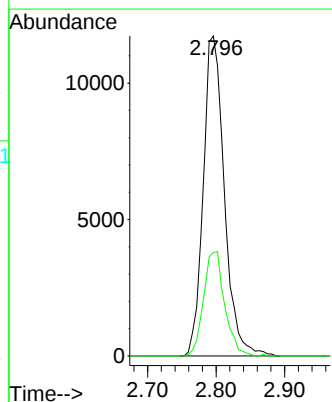
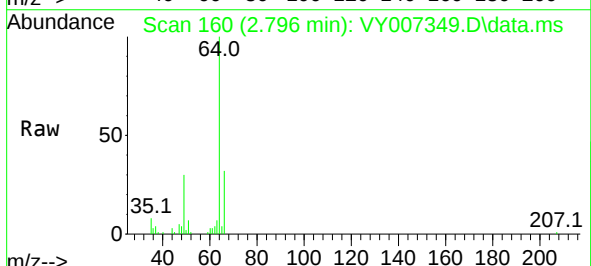
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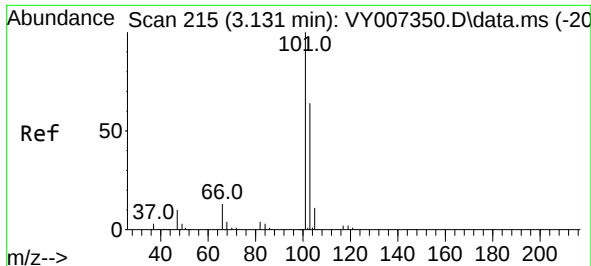
Reviewed By :John Carlone 02/03/2022
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#6
Chloroethane
Concen: 21.397 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

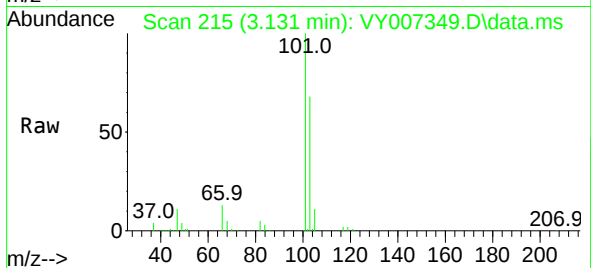
Tgt Ion: 64 Resp: 25131
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0





#7
Trichlorofluoromethane
Concen: 21.175 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

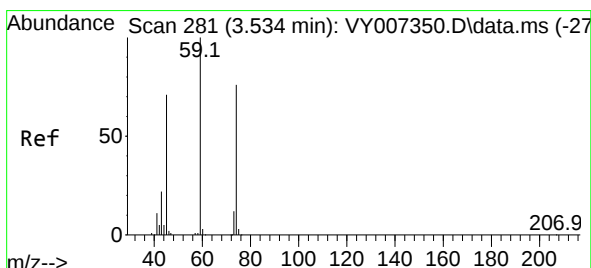
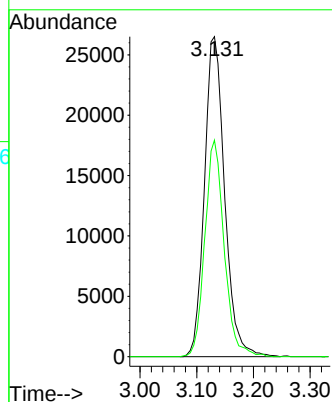
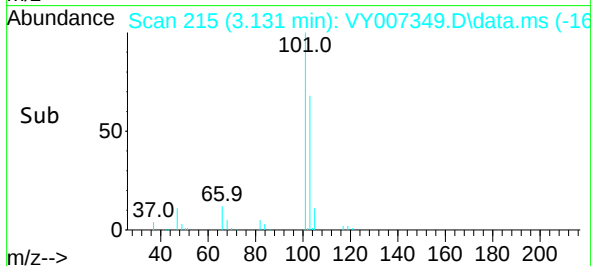
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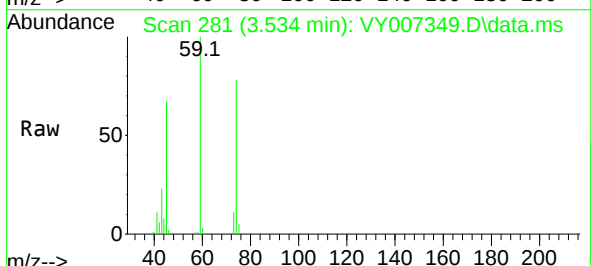
Tgt Ion:101 Resp: 65624
Ion Ratio Lower Upper
101 100
103 67.7 48.0 72.0

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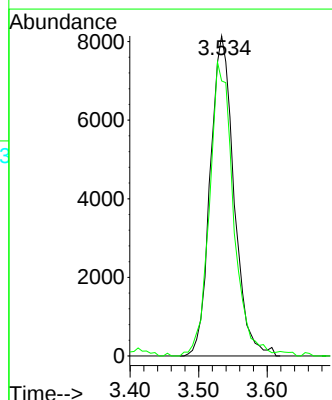
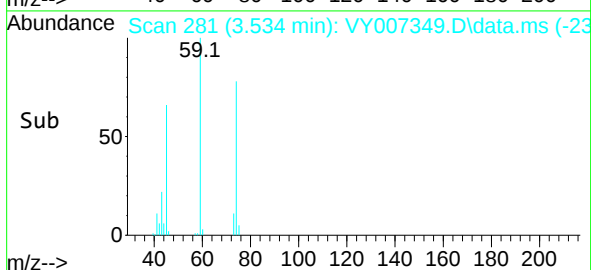
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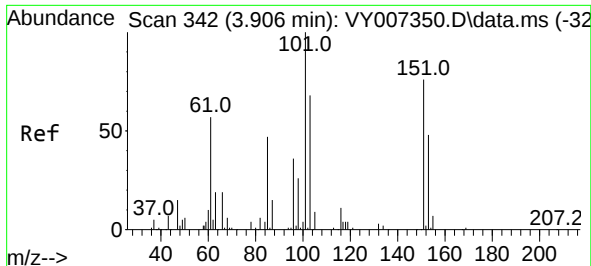


#8
Diethyl Ether
Concen: 21.327 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 74 Resp: 19619
Ion Ratio Lower Upper
74 100
45 92.5 55.1 165.5





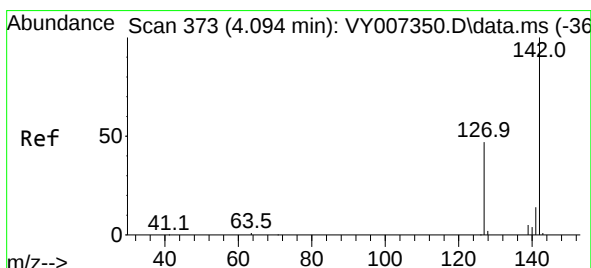
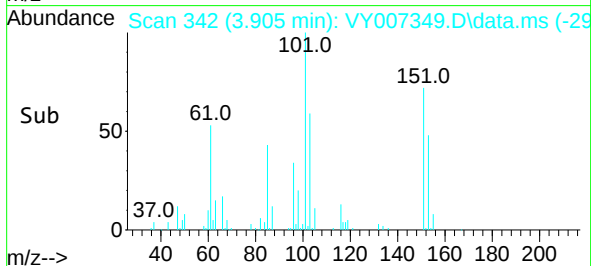
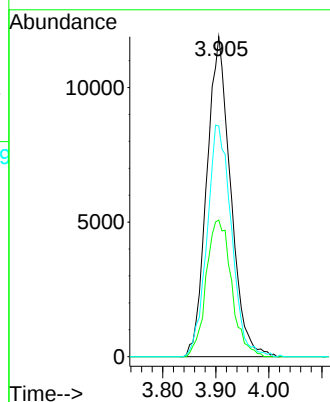
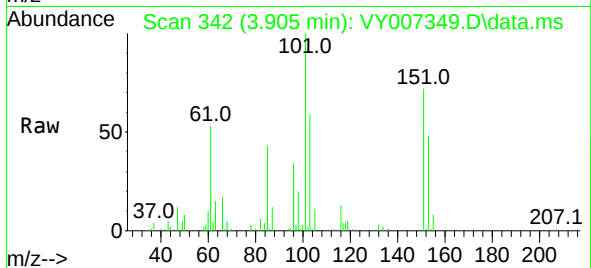
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.238 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 37069
Ion Ratio Lower Upper
101 100
85 45.3 40.6 60.8
151 74.3 64.9 97.3

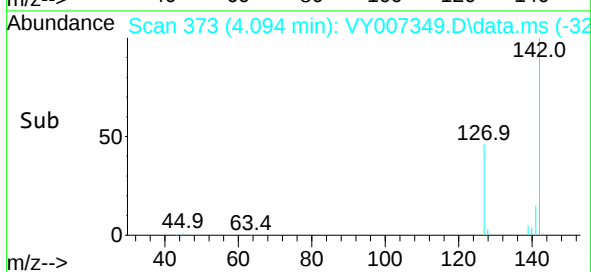
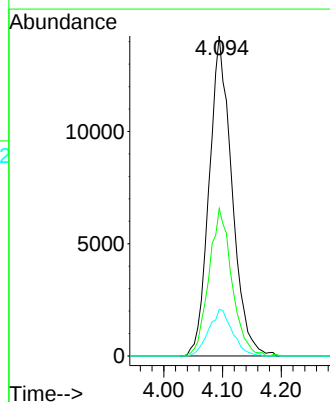
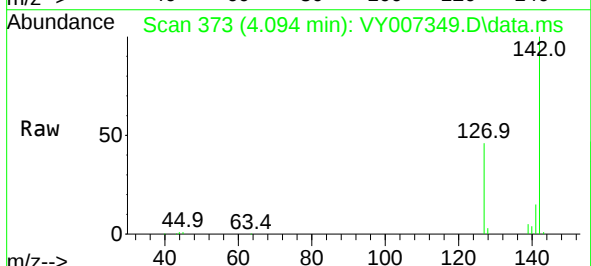
Manual Integrations
APPROVED

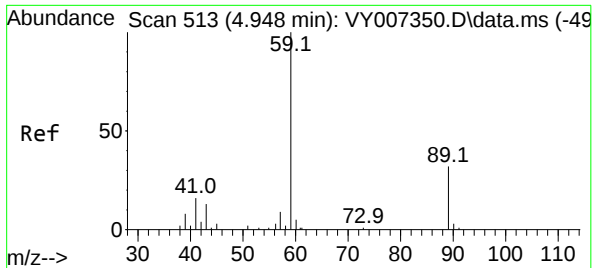
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#10
Methyl Iodide
Concen: 20.375 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

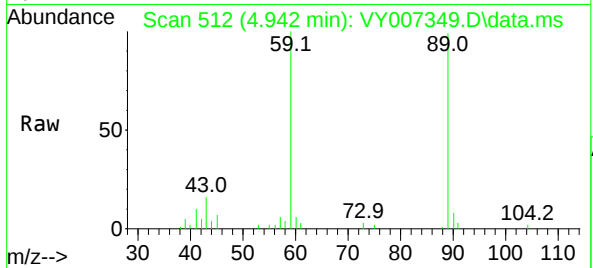
Tgt Ion:142 Resp: 38337
Ion Ratio Lower Upper
142 100
127 46.5 41.5 62.3
141 15.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 112.254 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

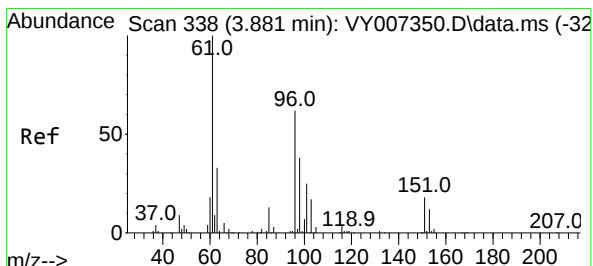
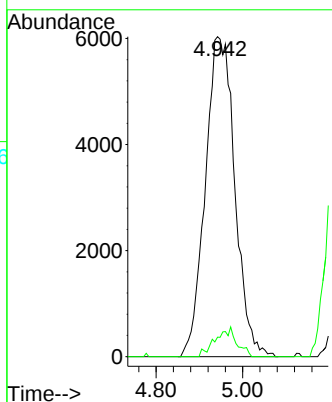
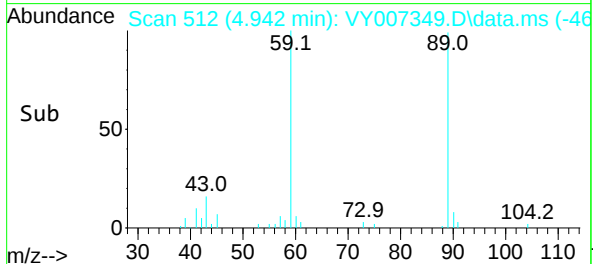
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



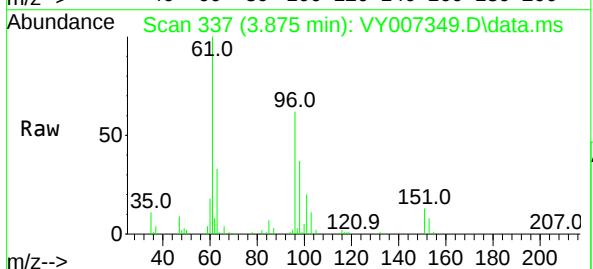
Tgt Ion: 59 Resp: 2861
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

Manual Integrations
APPROVED

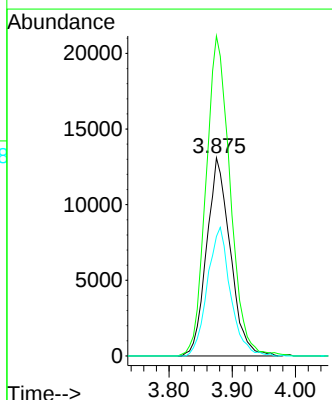
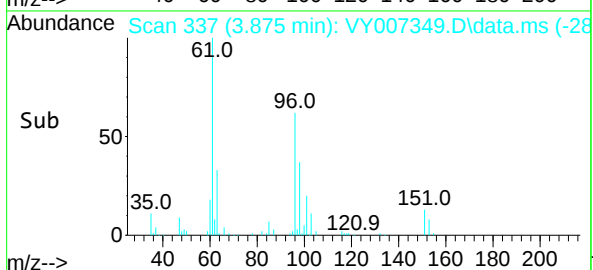
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

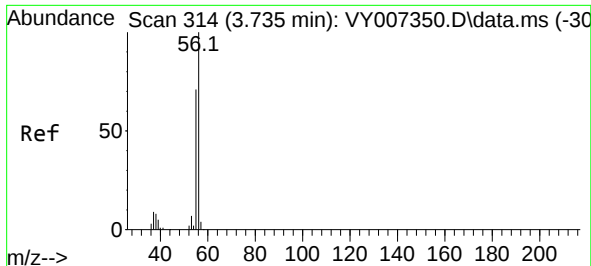


#12
1,1-Dichloroethene
Concen: 21.115 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 96 Resp: 34043
Ion Ratio Lower Upper
96 100
61 161.5 145.8 218.6
98 60.3 52.5 78.7





#13

Acrolein

Concen: 103.784 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 22214

Ion Ratio Lower Upper

56 100

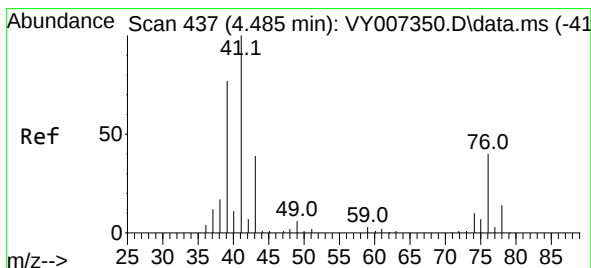
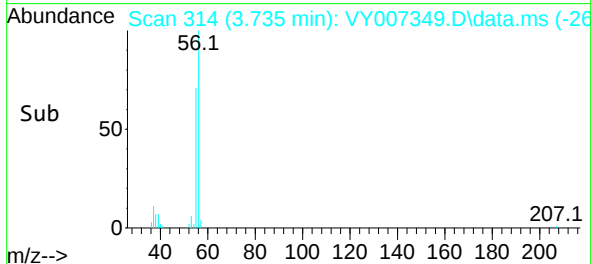
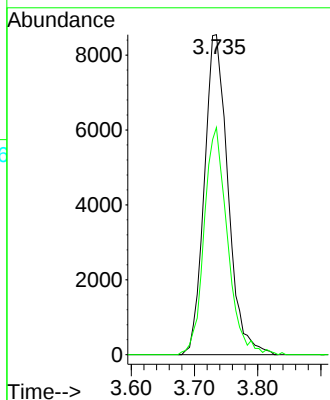
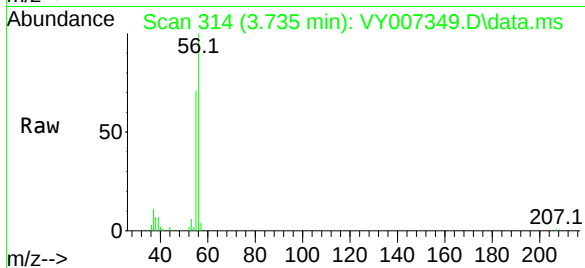
55 70.2 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#14

Allyl chloride

Concen: 20.795 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

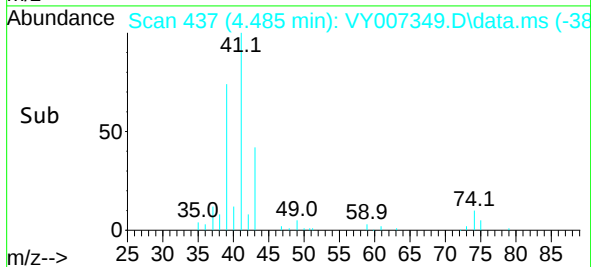
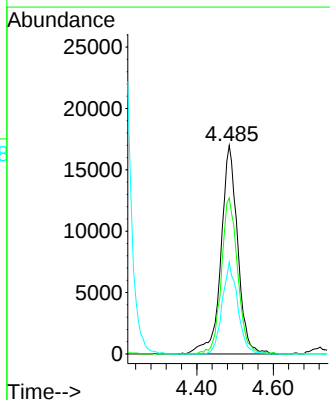
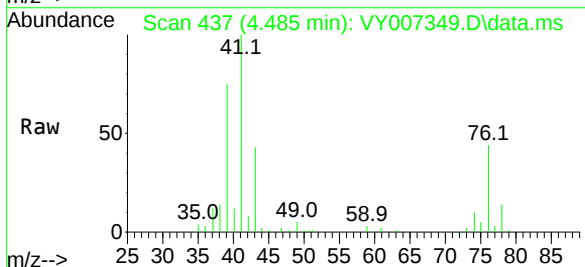
Tgt Ion: 41 Resp: 51496

Ion Ratio Lower Upper

41 100

39 73.3 58.8 88.2

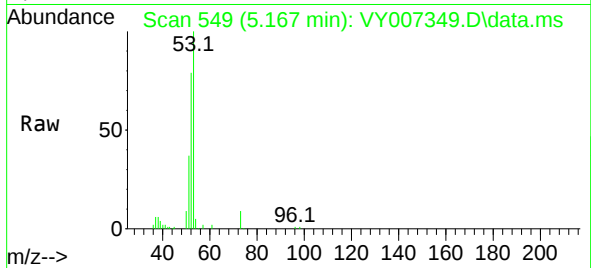
76 40.7 25.1 37.7#





#15
Acrylonitrile
Concen: 105.730 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

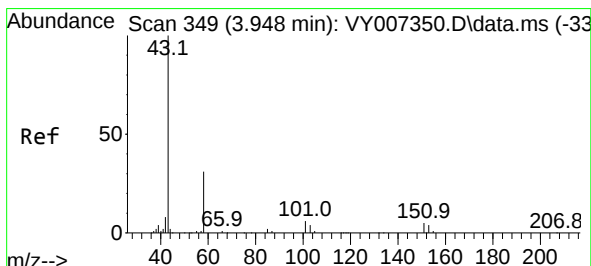
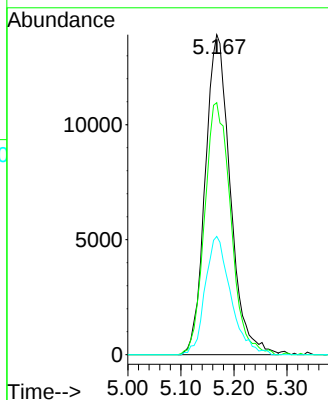
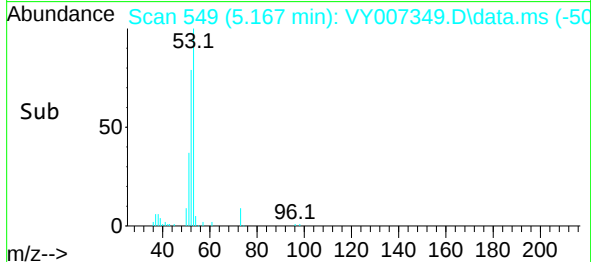
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 45690
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 37.9 29.8 44.6

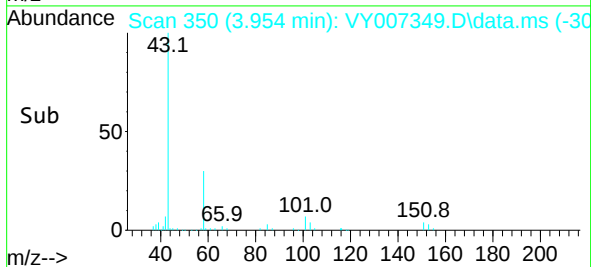
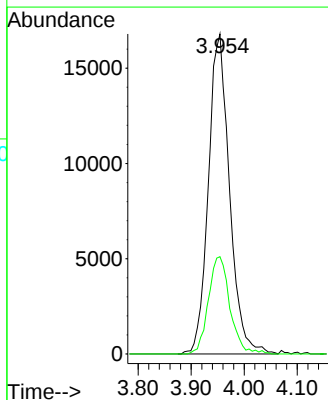
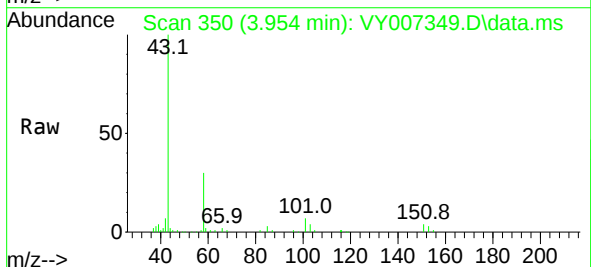
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 89.946 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion: 43 Resp: 46544
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0





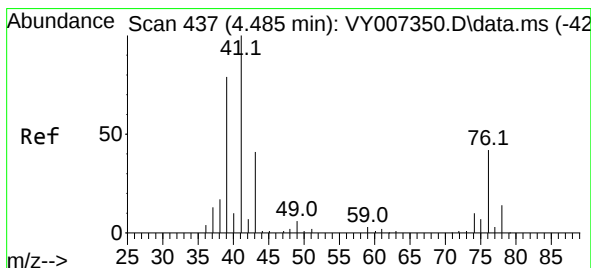
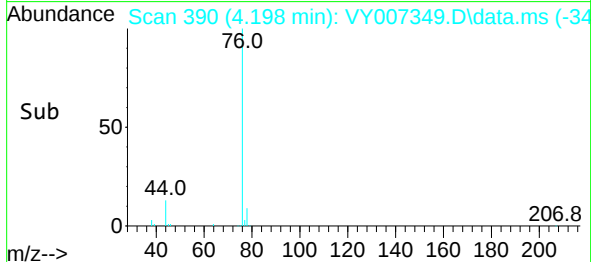
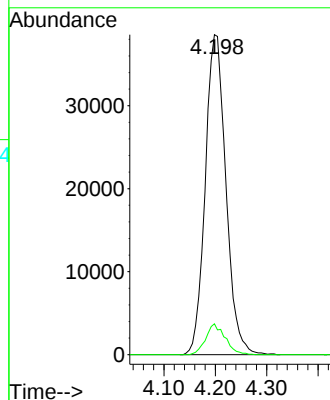
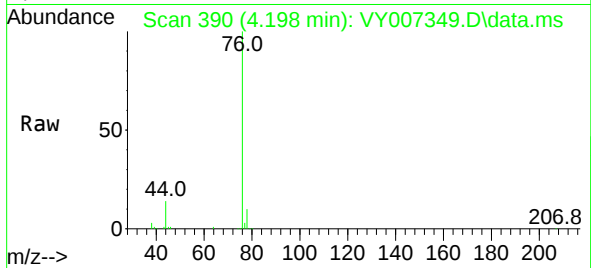
#17
Carbon Disulfide
Concen: 21.254 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 107578
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

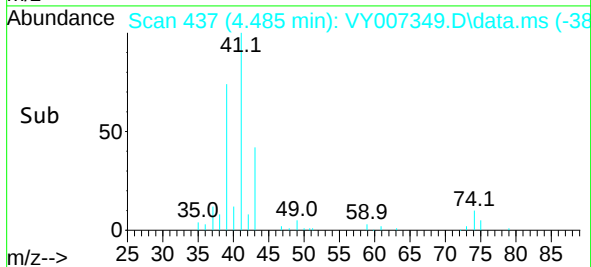
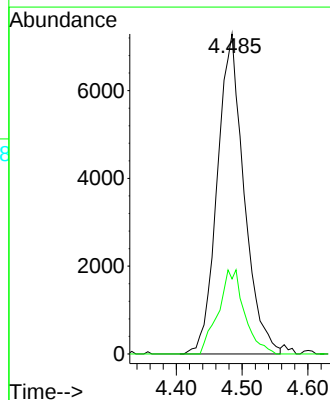
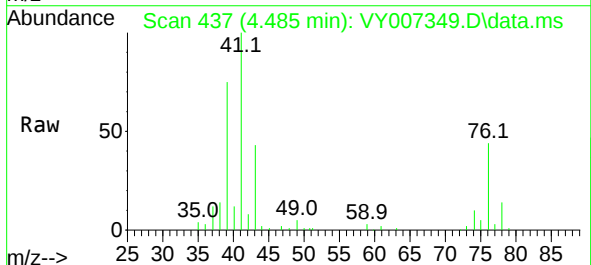
Manual Integrations
APPROVED

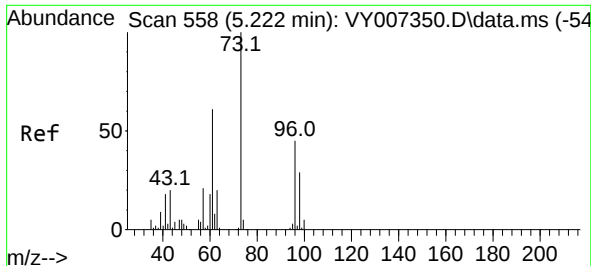
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#18
Methyl Acetate
Concen: 21.317 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

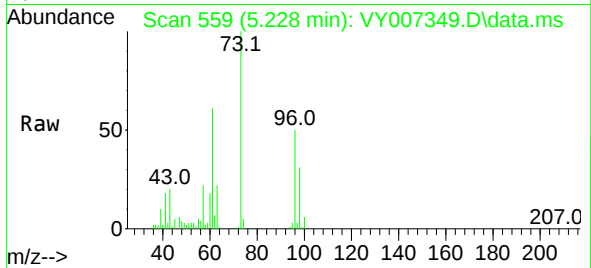
Tgt Ion: 43 Resp: 20661
Ion Ratio Lower Upper
43 100
74 25.7 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 20.695 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

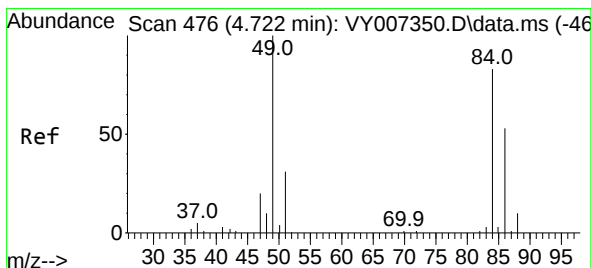
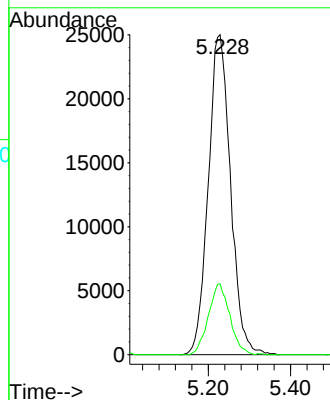
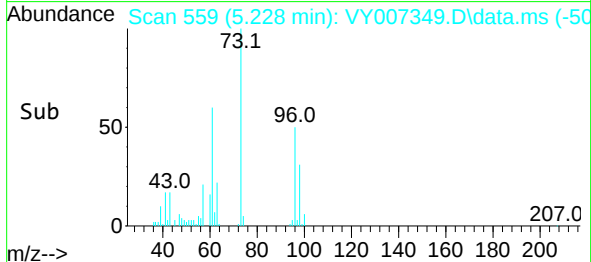
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 9400
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

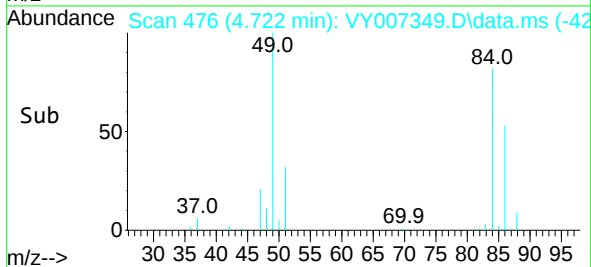
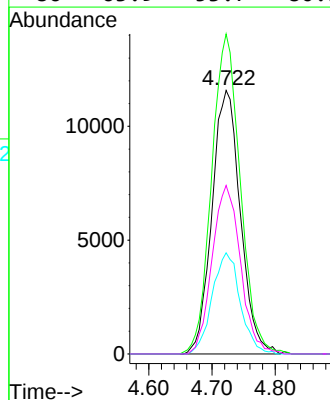
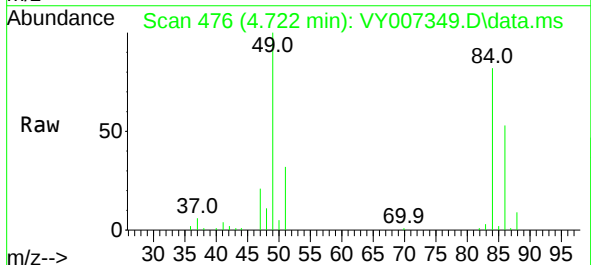
Manual Integrations
APPROVED

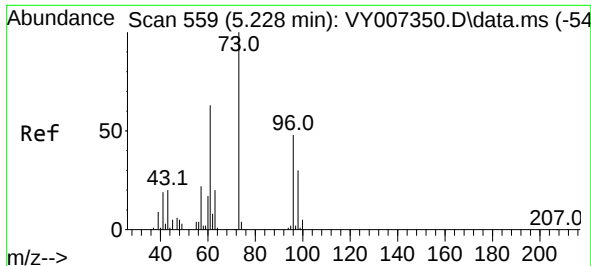
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#20
Methylene Chloride
Concen: 19.921 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

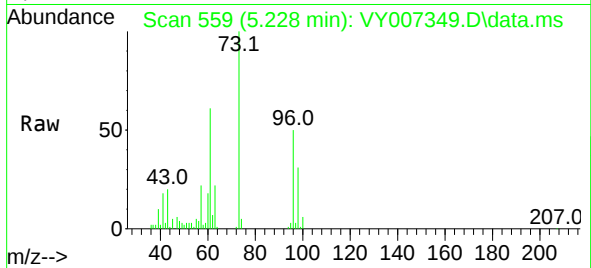
Tgt Ion: 84 Resp: 36045
Ion Ratio Lower Upper
84 100
49 121.4 114.4 171.6
51 38.4 35.3 52.9
86 63.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 21.189 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

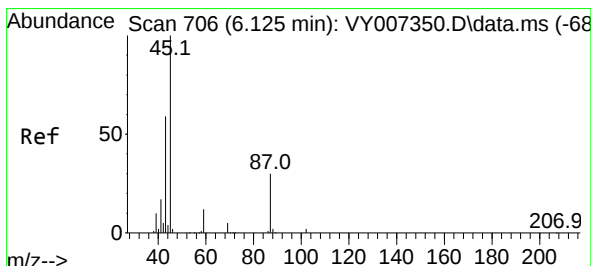
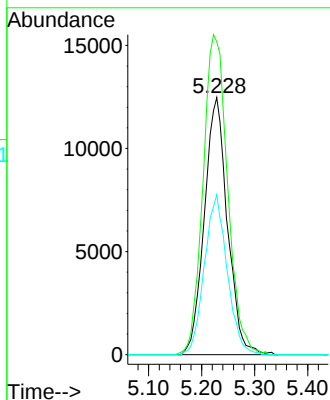
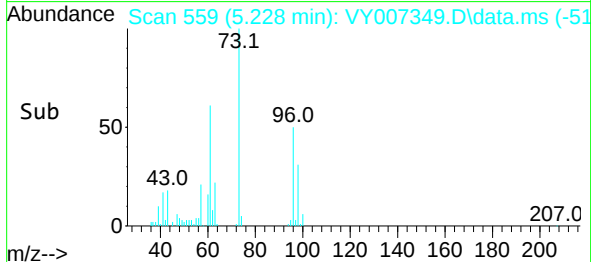
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 3779
Ion Ratio Lower Upper
96 100
61 121.7 120.5 180.7
98 62.2 49.8 74.8

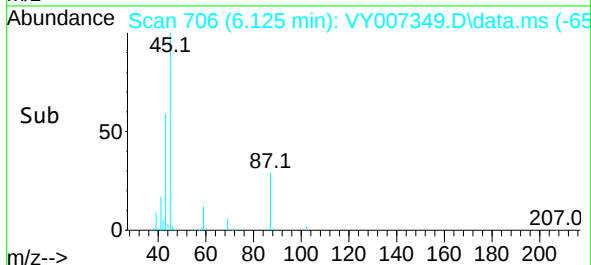
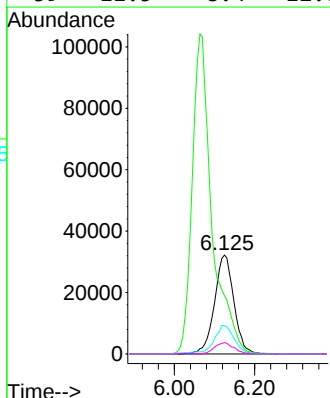
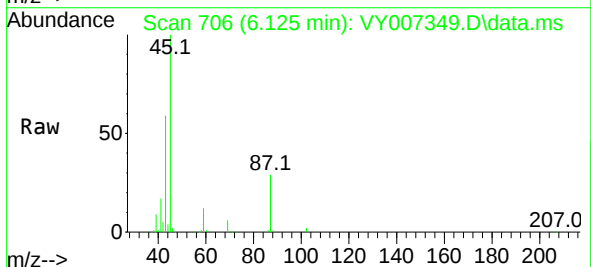
Manual Integrations
APPROVED

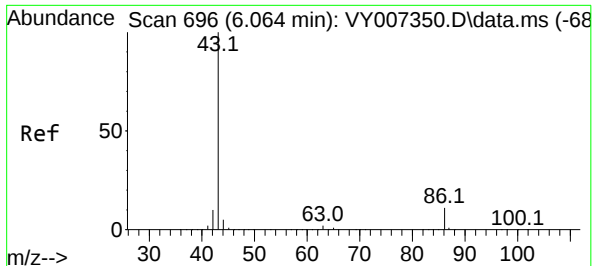
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#22
Diisopropyl ether
Concen: 20.885 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

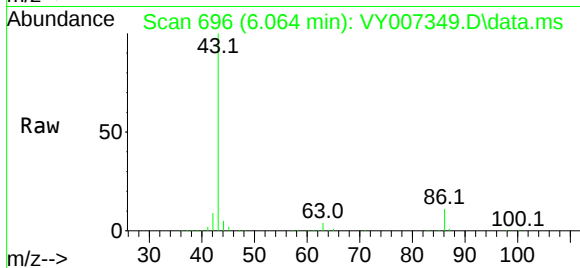
Tgt Ion: 45 Resp: 108364
Ion Ratio Lower Upper
45 100
43 58.8 49.3 73.9
87 28.6 19.2 28.8
59 11.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 104.834 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY007349.D
 Acq: 02 Feb 2022 12:02

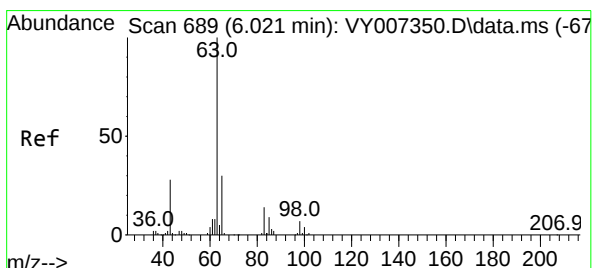
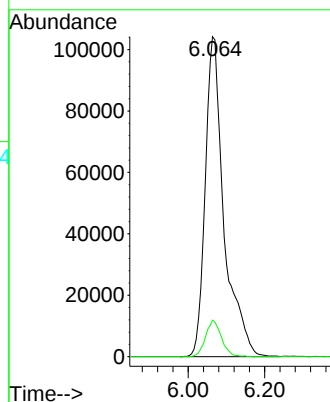
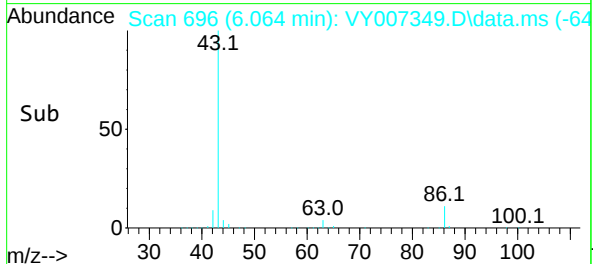
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



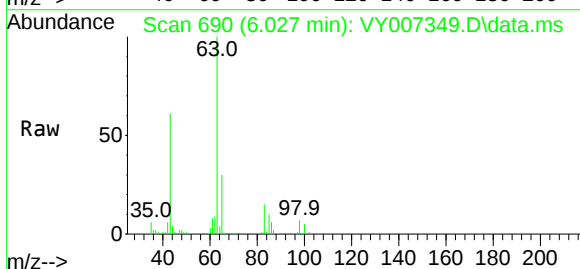
Tgt Ion: 43 Resp: 354752
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

Manual Integrations
 APPROVED

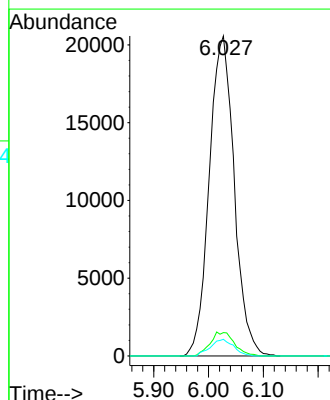
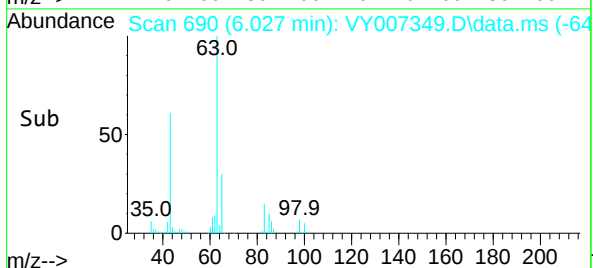
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022

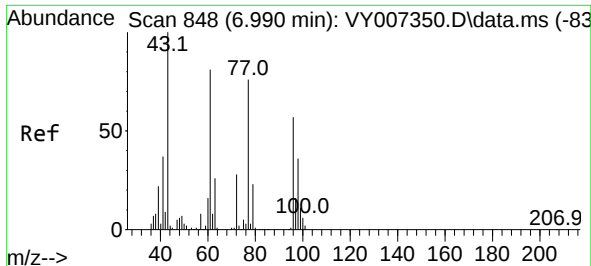


#24
 1,1-Dichloroethane
 Concen: 20.745 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007349.D
 Acq: 02 Feb 2022 12:02



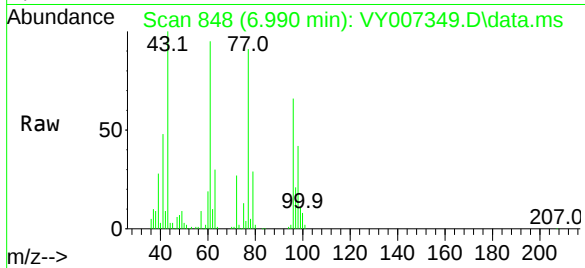
Tgt Ion: 63 Resp: 65008
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.2 2.0 5.8





#25
2-Butanone
Concen: 97.101 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

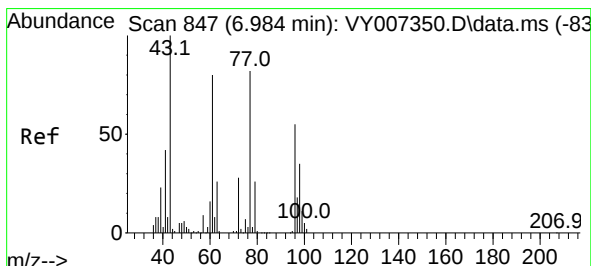
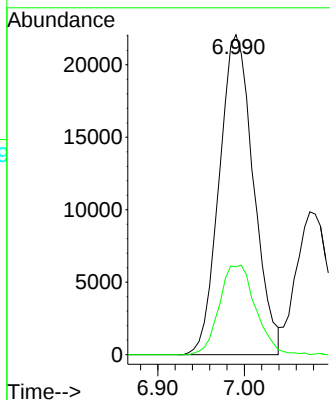
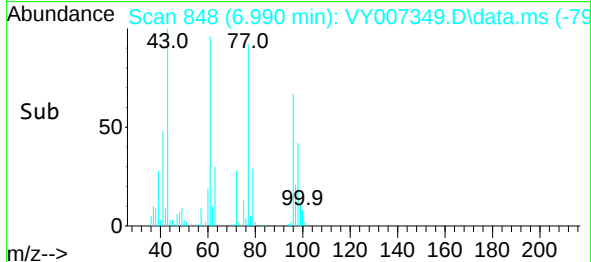
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



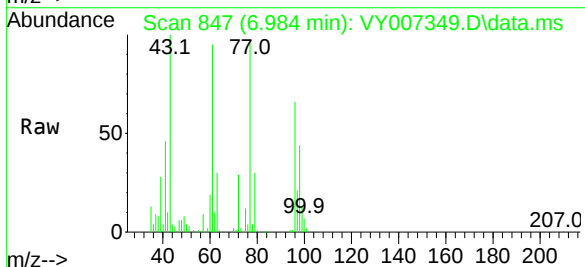
Tgt Ion: 43 Resp: 60708
Ion Ratio Lower Upper
43 100
72 27.4 17.7 26.5

Manual Integrations
APPROVED

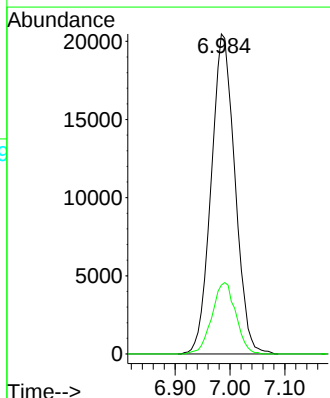
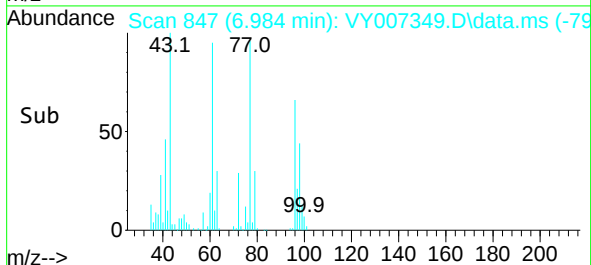
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

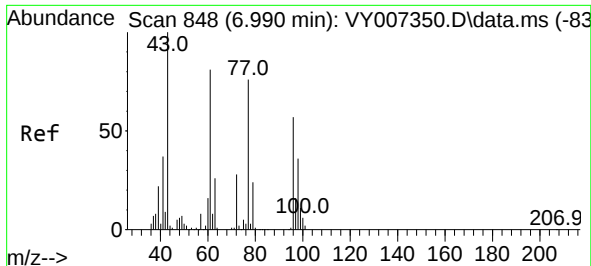


#26
2,2-Dichloropropane
Concen: 20.544 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 77 Resp: 61601
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.638 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY007349.D

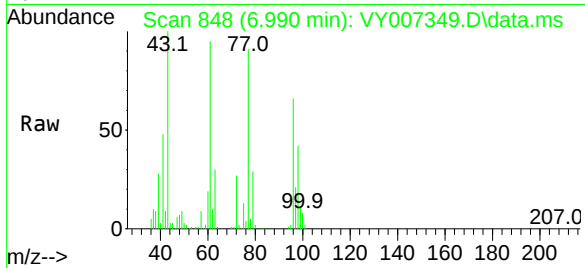
Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



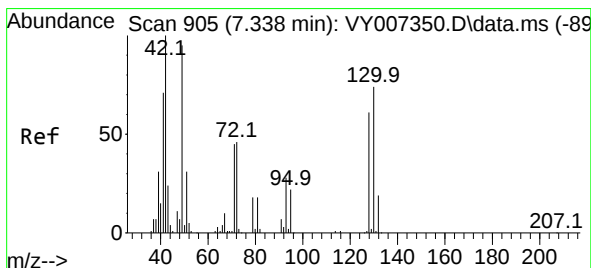
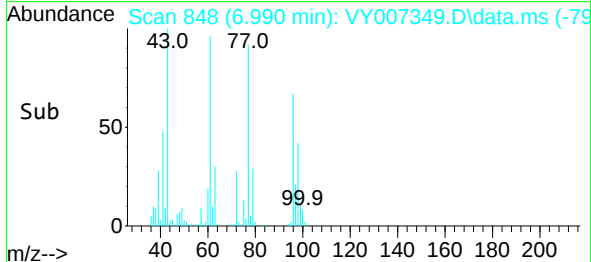
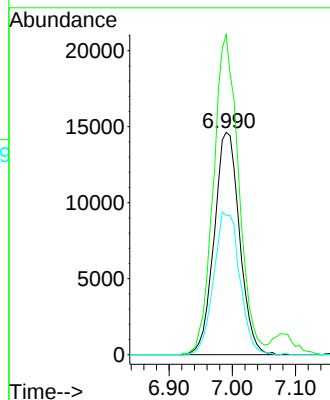
Tgt Ion: 96	Resp: 4065
Ion Ratio	Lower Upper
96 100	
61 143.6	0.0 319.8
98 65.7	0.0 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#28

Bromochloromethane

Concen: 19.100 ug/l

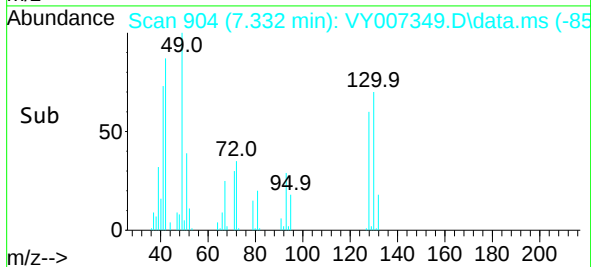
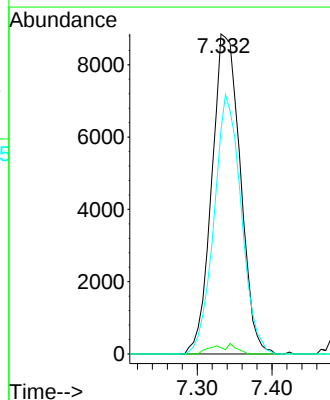
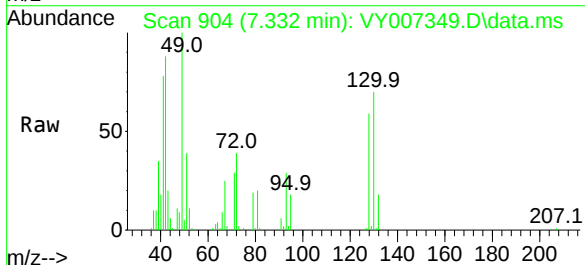
RT: 7.332 min Scan# 904

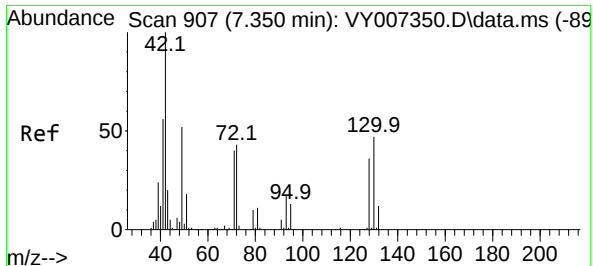
Delta R.T. -0.006 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Tgt Ion: 49	Resp: 23403
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 2.2
130 77.4	55.4 83.0





#29

Tetrahydrofuran

Concen: 104.701 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 37820

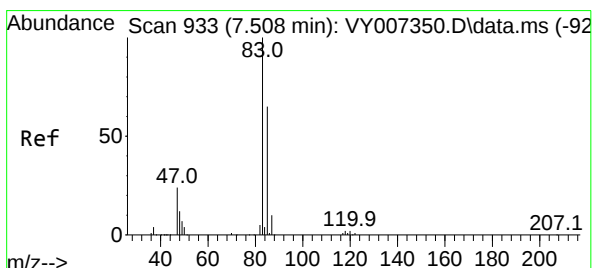
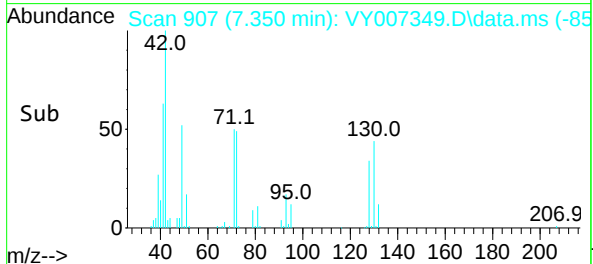
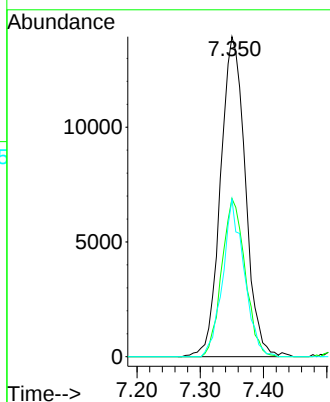
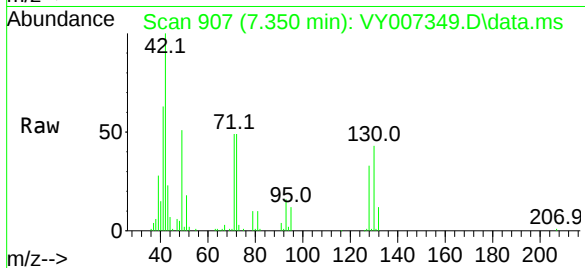
Ion	Ratio	Lower	Upper
42	100		
72	46.7	30.3	45.5
71	42.7	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#30

Chloroform

Concen: 20.679 ug/l

RT: 7.508 min Scan# 933

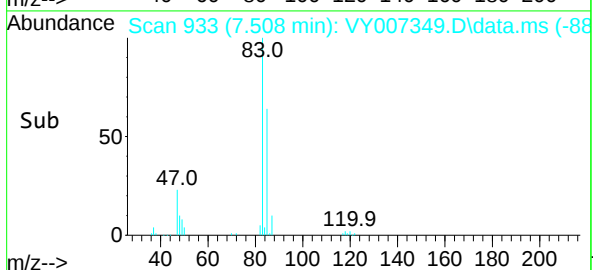
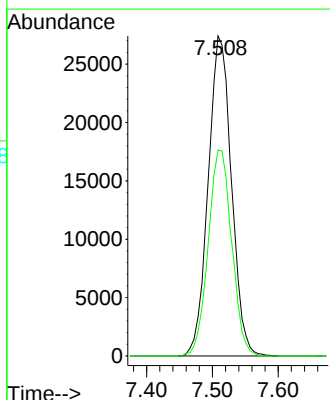
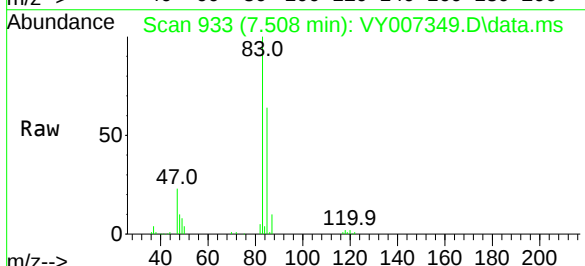
Delta R.T. -0.000 min

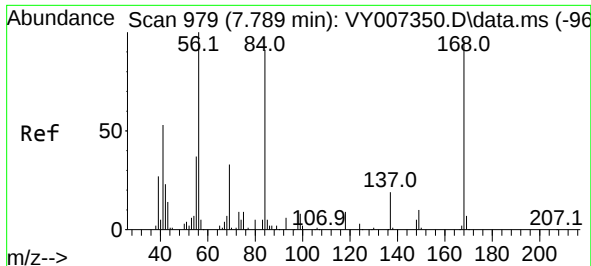
Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Tgt Ion: 83 Resp: 67411

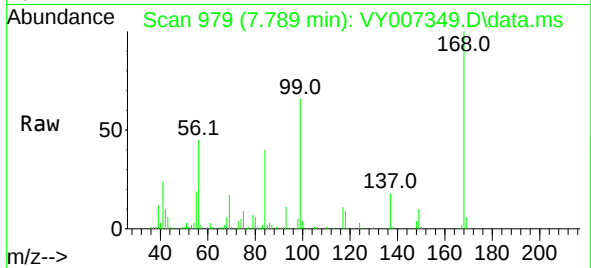
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6





#31
Cyclohexane
Concen: 20.805 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

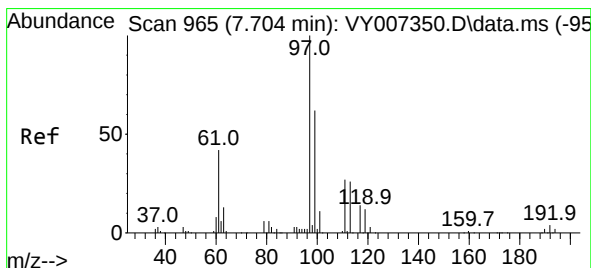
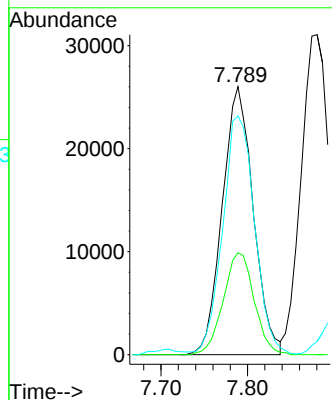
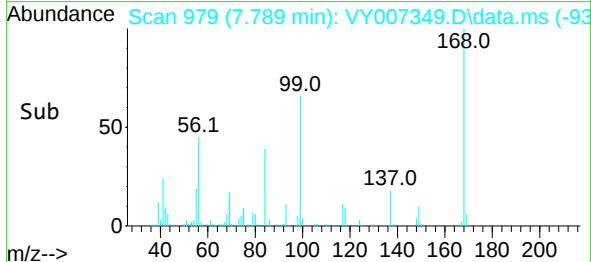
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 64684
Ion Ratio Lower Upper
56 100
69 38.0 26.7 40.1
84 88.0 67.2 100.8

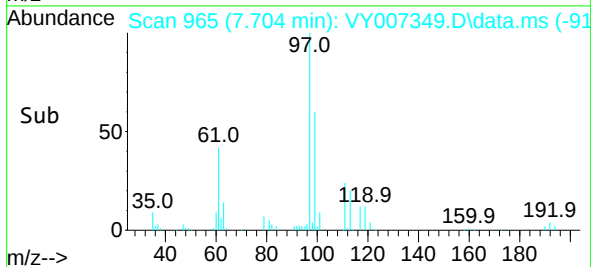
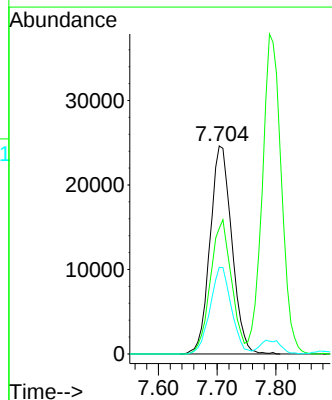
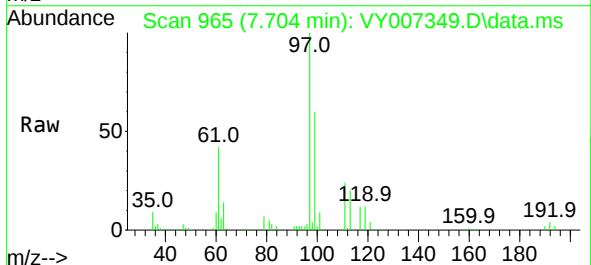
Manual Integrations
APPROVED

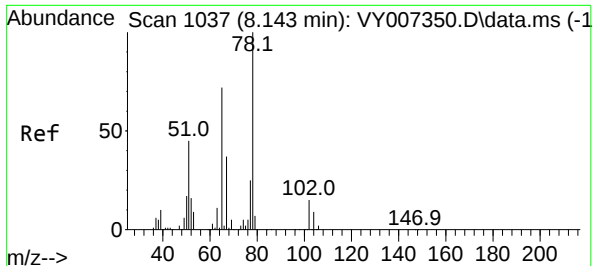
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#32
1,1,1-Trichloroethane
Concen: 20.912 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion: 97 Resp: 63359
Ion Ratio Lower Upper
97 100
99 62.3 50.7 76.1
61 40.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 18.224 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 2903

Ion Ratio Lower Upper

65 100

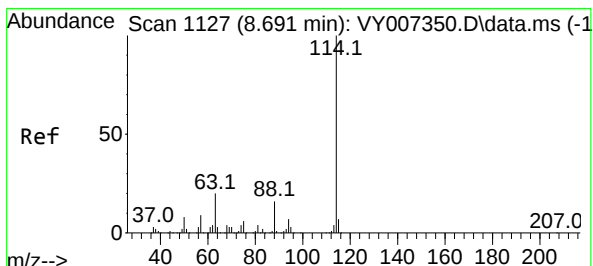
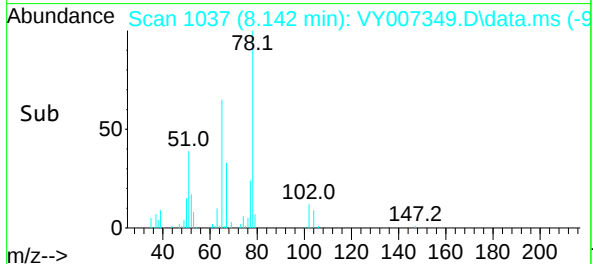
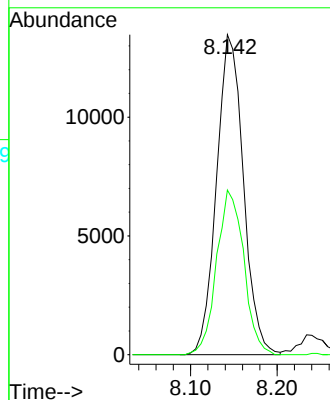
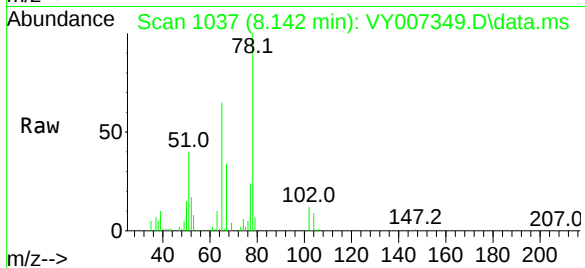
67 52.0 0.0 99.4

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: VY007349.D

Acq: 02 Feb 2022 12:02

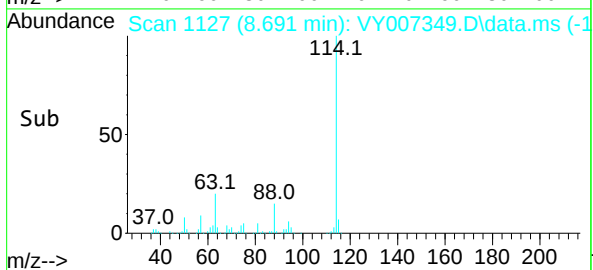
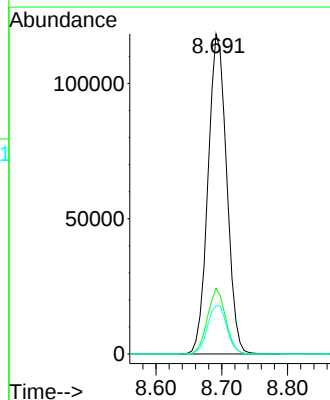
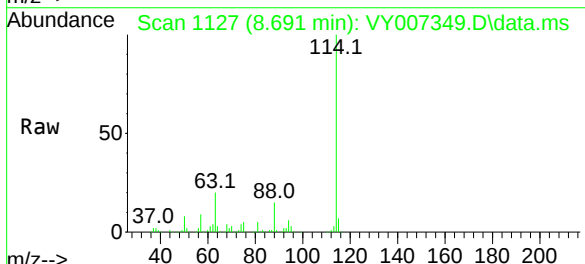
Tgt Ion:114 Resp: 233253

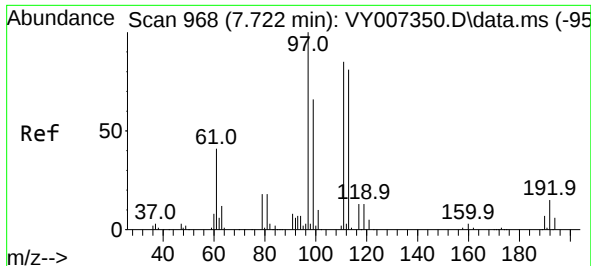
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

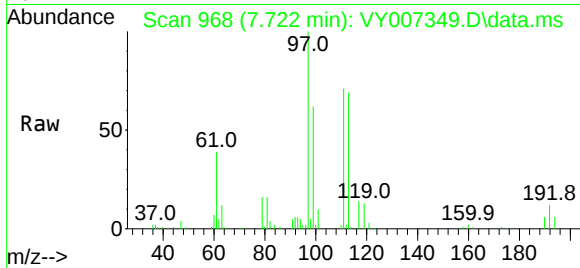
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 17.546 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

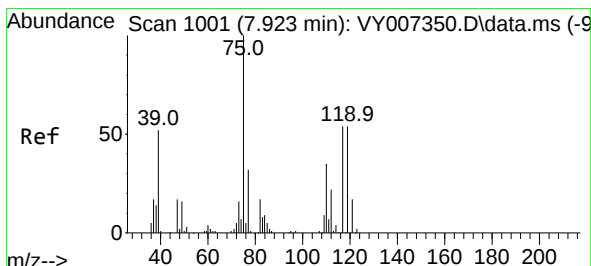
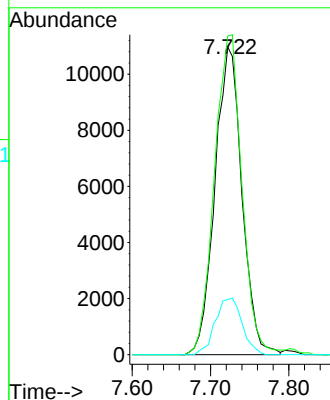
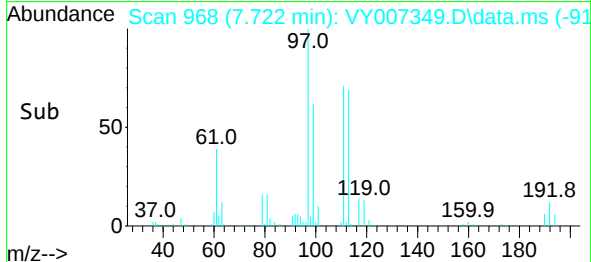
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



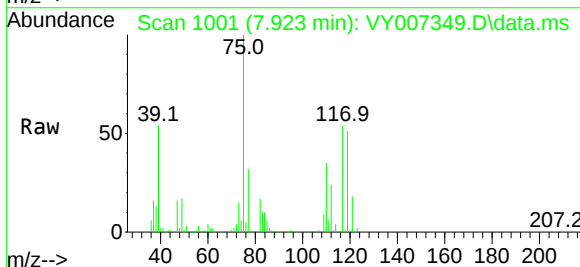
Tgt Ion: 113 Resp: 2628
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 18.3 17.6 26.4

Manual Integrations
APPROVED

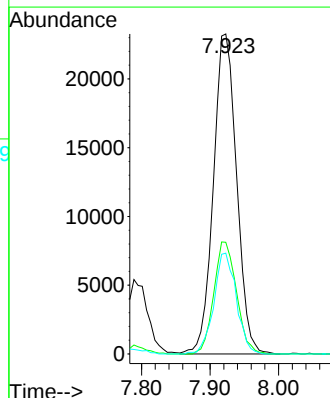
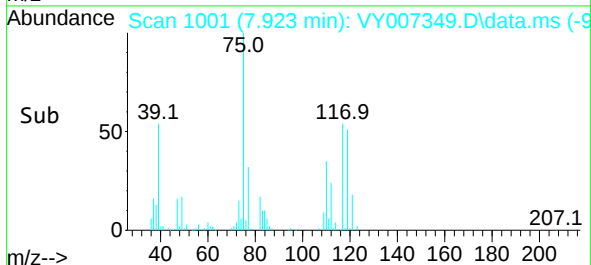
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

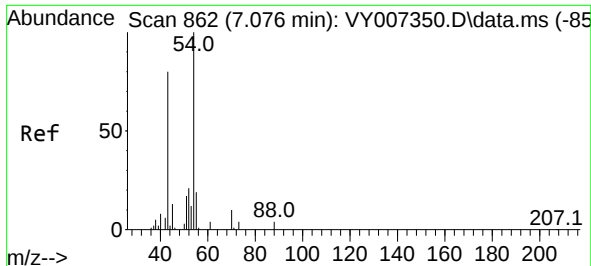


#36
1,1-Dichloropropene
Concen: 20.926 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



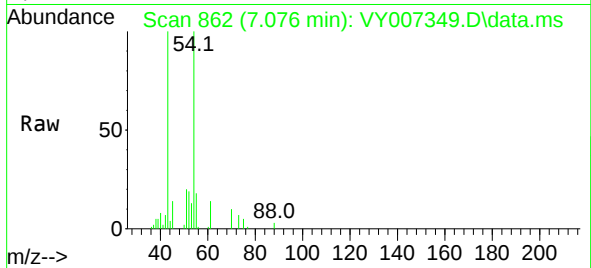
Tgt Ion: 75 Resp: 54795
Ion Ratio Lower Upper
75 100
110 34.1 17.1 51.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 21.026 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

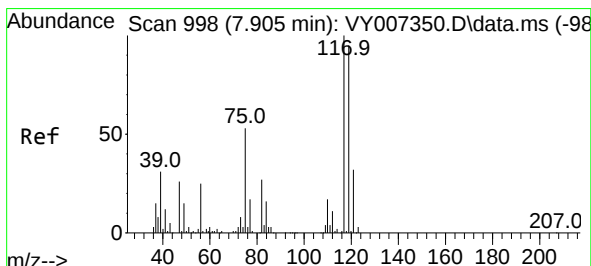
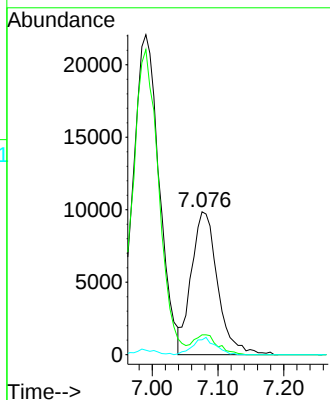
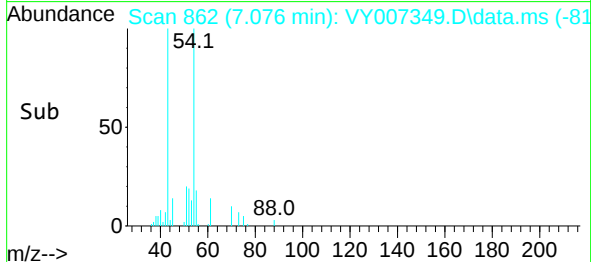
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 27372
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 10.2 7.1 10.7

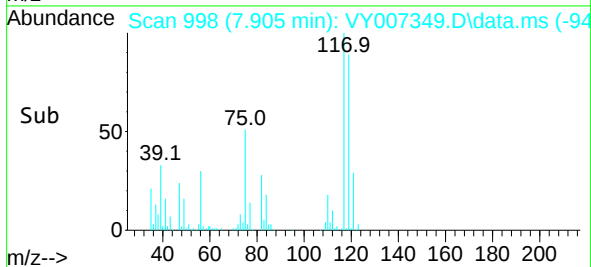
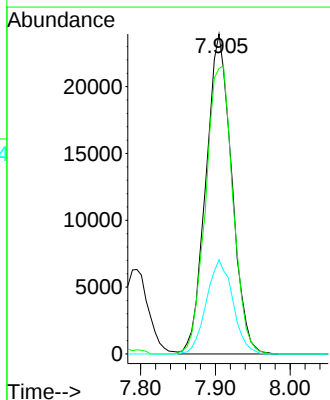
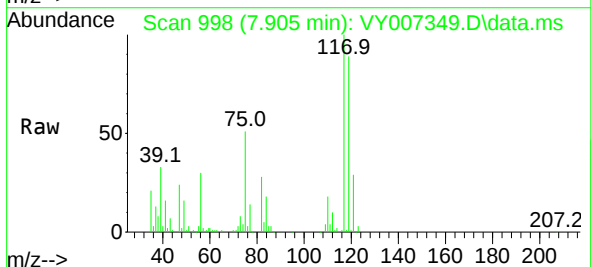
Manual Integrations
APPROVED

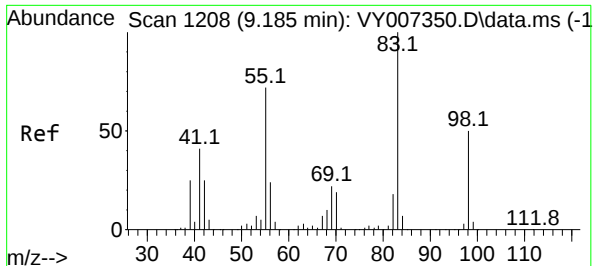
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#38
Carbon Tetrachloride
Concen: 20.890 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion:117 Resp: 57470
Ion Ratio Lower Upper
117 100
119 89.2 77.9 116.9
121 29.4 24.8 37.2





#39

Methylcyclohexane

Concen: 20.711 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

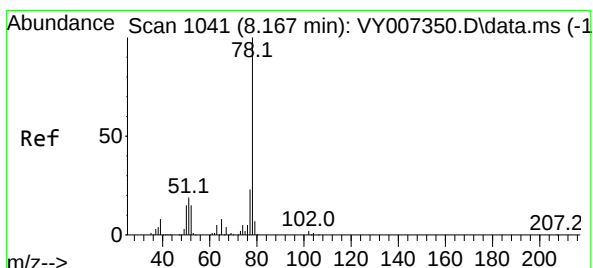
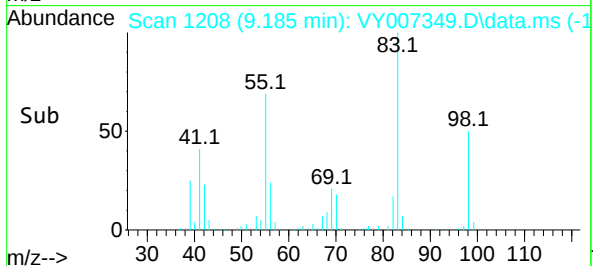
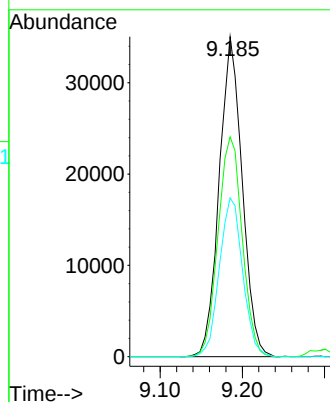
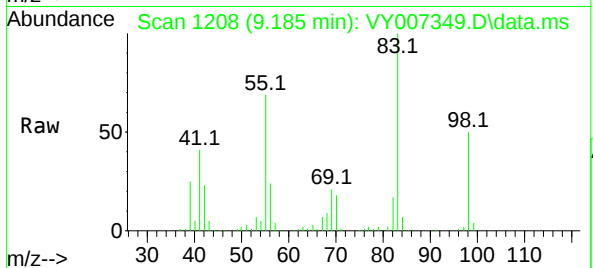
Tgt Ion: 83	Resp: 68108
Ion Ratio	Lower Upper
83 100	
55 68.7	66.5 99.7
98 49.7	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#40

Benzene

Concen: 20.522 ug/l

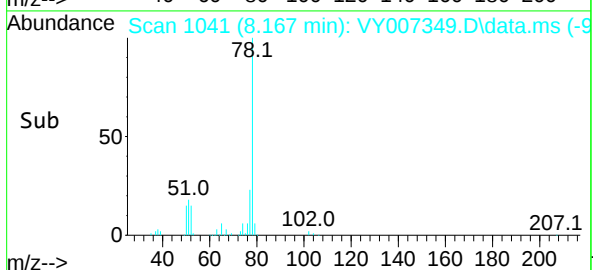
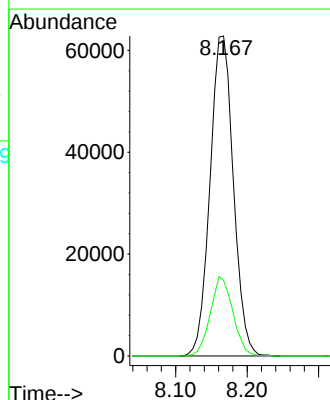
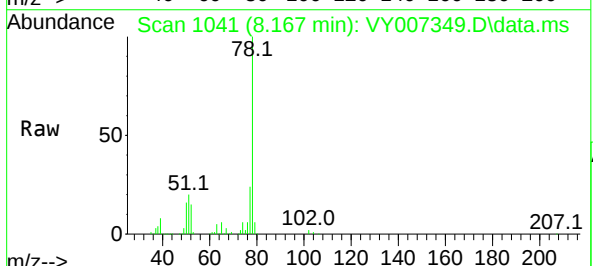
RT: 8.167 min Scan# 1041

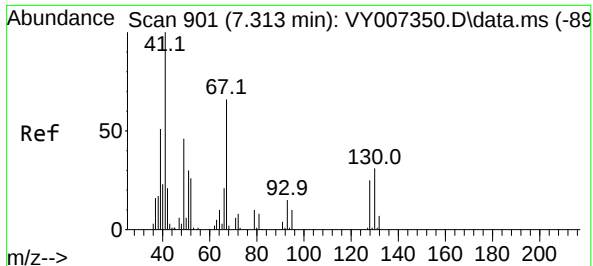
Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

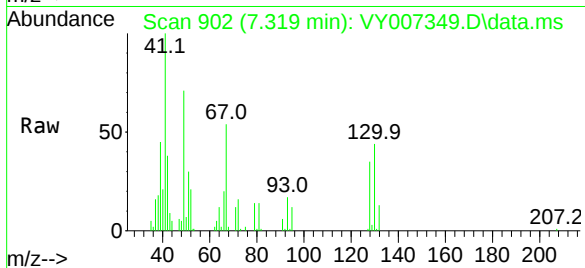
Tgt Ion: 78	Resp: 142443
Ion Ratio	Lower Upper
78 100	
77 23.7	20.4 30.6





#41
Methacrylonitrile
Concen: 17.501 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

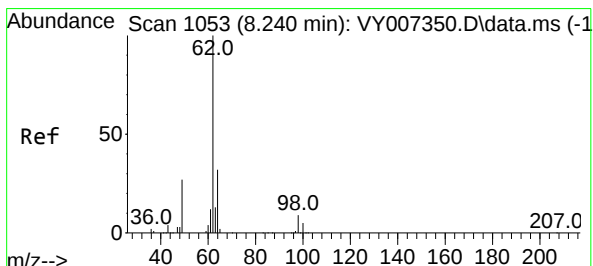
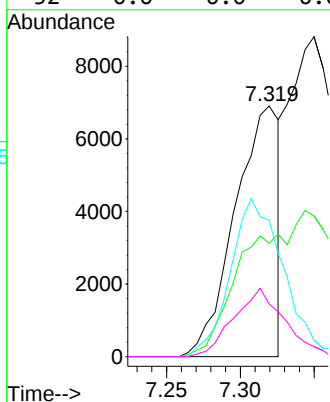
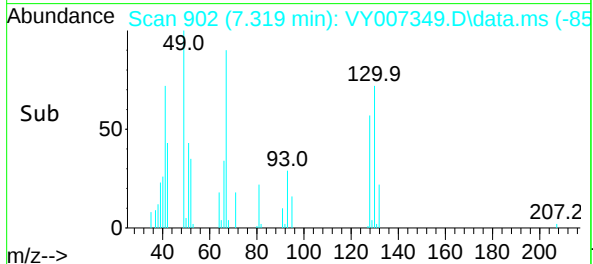
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 14498
Ion Ratio Lower Upper
41 100
39 121.4 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

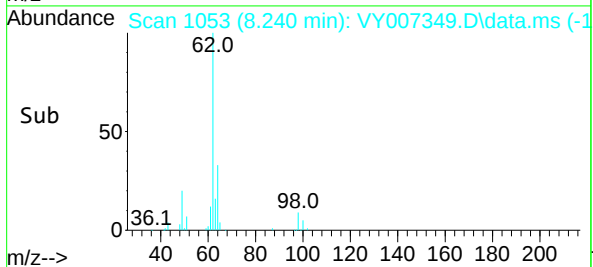
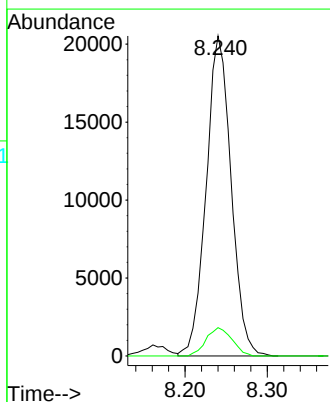
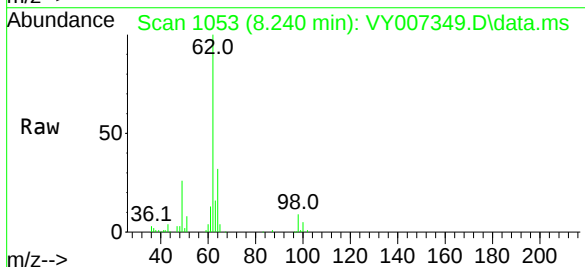
Manual Integrations
APPROVED

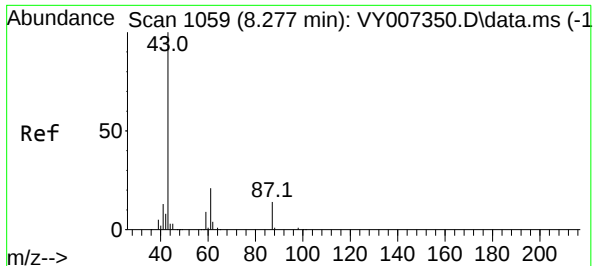
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#42
1,2-Dichloroethane
Concen: 20.508 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

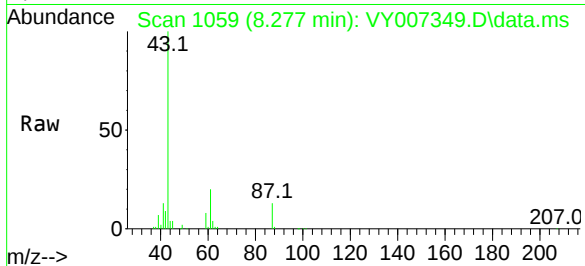
Tgt Ion: 62 Resp: 43271
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8





#43
Isopropyl Acetate
Concen: 20.707 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

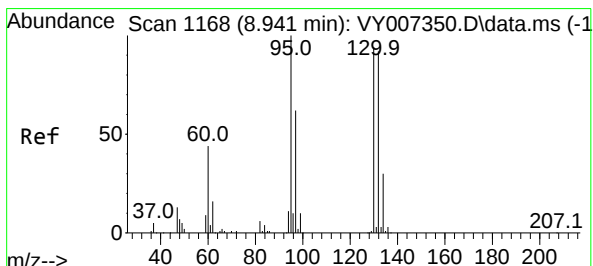
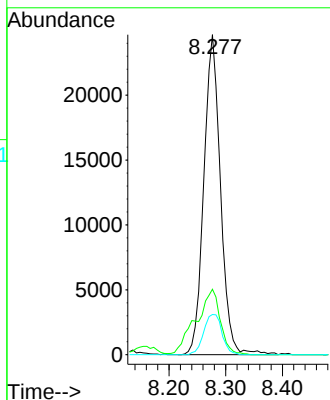
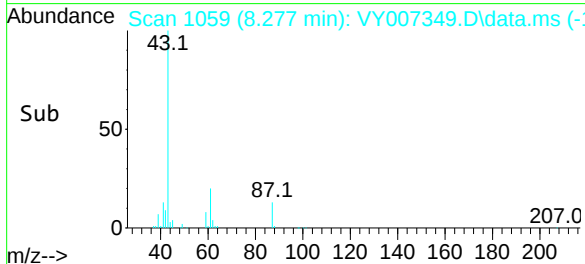
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 5041
Ion Ratio Lower Upper
43 100
61 29.9 20.2 30.2
87 13.8 8.9 13.3

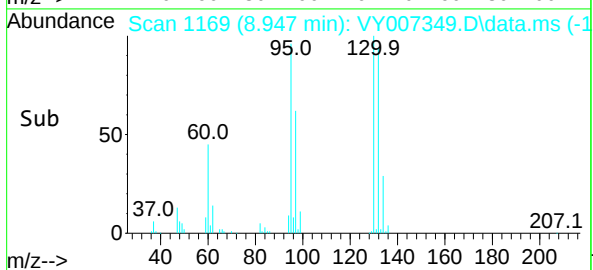
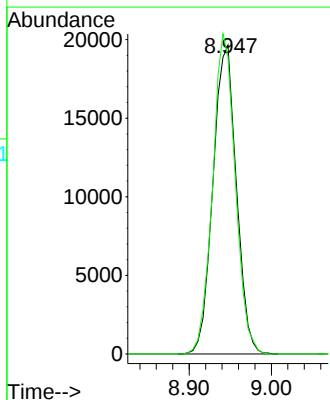
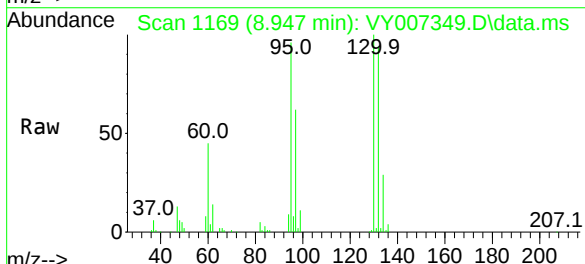
Manual Integrations
APPROVED

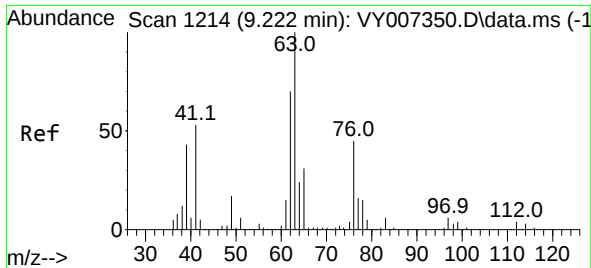
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#44
Trichloroethene
Concen: 20.673 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion:130 Resp: 38797
Ion Ratio Lower Upper
130 100
95 96.3 0.0 188.2





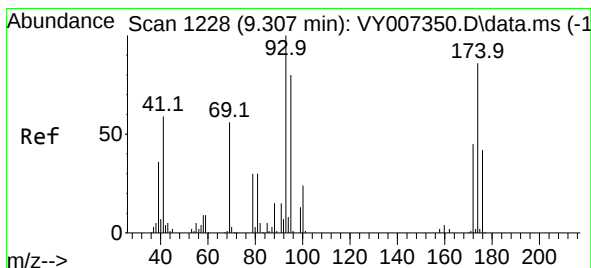
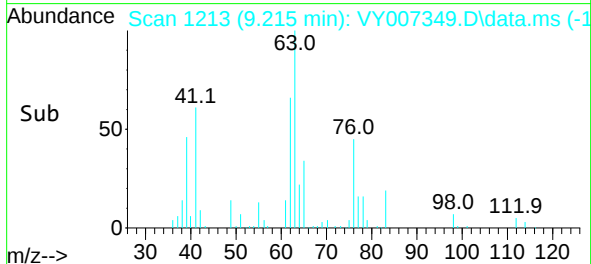
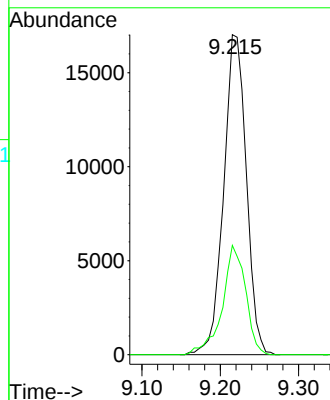
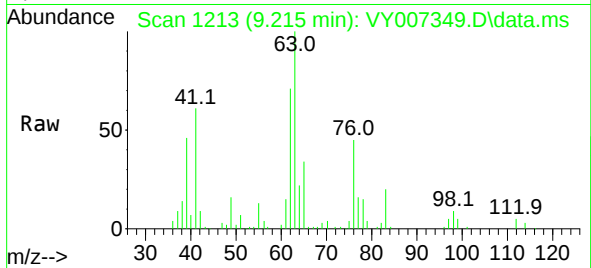
#45
1,2-Dichloropropane
Concen: 20.037 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 3429
Ion Ratio Lower Upper
63 100
65 34.1 23.0 34.6

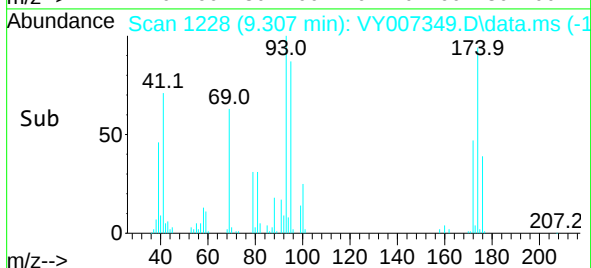
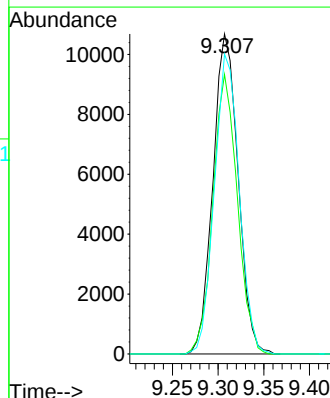
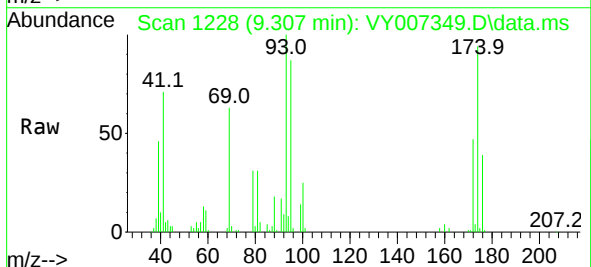
Manual Integrations
APPROVED

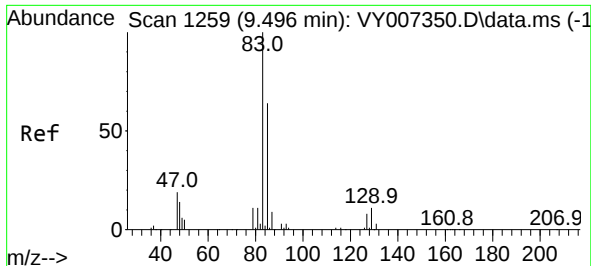
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#46
Dibromomethane
Concen: 20.065 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

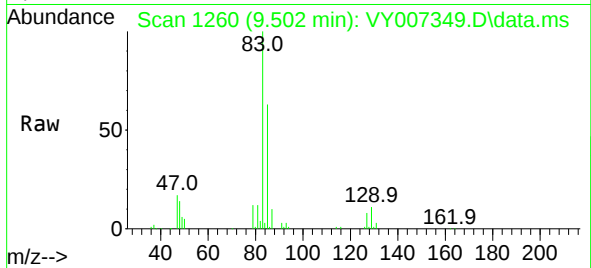
Tgt Ion: 93 Resp: 20431
Ion Ratio Lower Upper
93 100
95 85.1 64.3 96.5
174 92.6 83.4 125.0





#47
Bromodichloromethane
Concen: 20.262 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

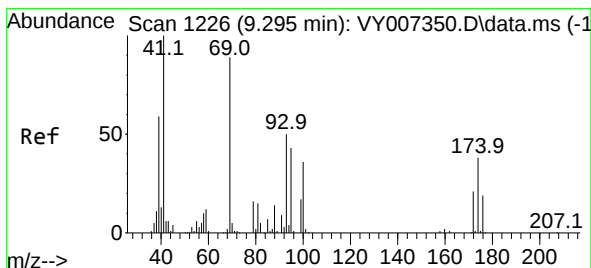
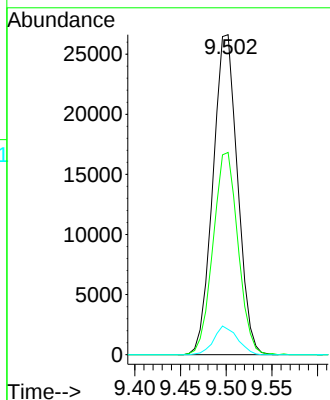
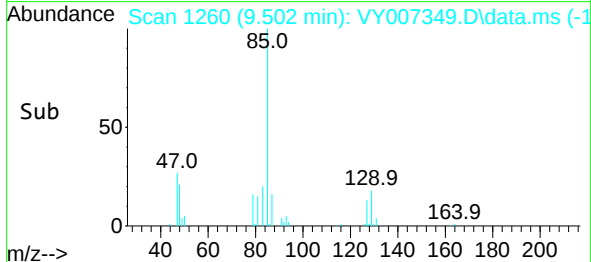
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



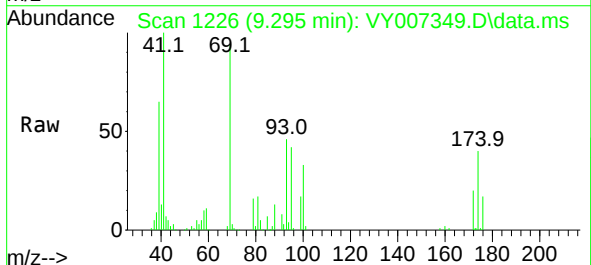
Tgt Ion: 83 Resp: 49892
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 7.9 6.6 10.0

Manual Integrations
APPROVED

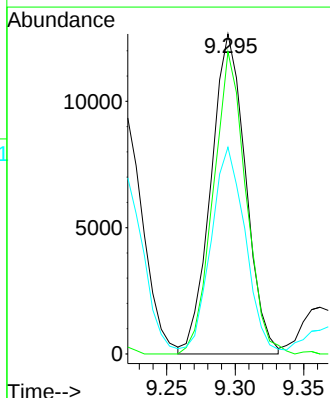
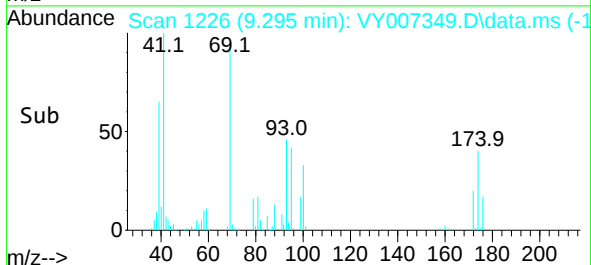
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

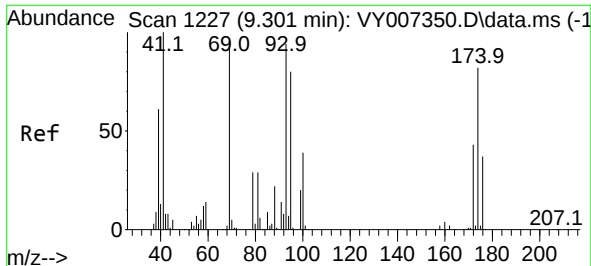


#48
Methyl methacrylate
Concen: 20.260 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 41 Resp: 22306
Ion Ratio Lower Upper
41 100
69 88.6 58.2 87.2#
39 61.4 47.4 71.0





#49

1,4-Dioxane

Concen: 473.832 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY007349.D

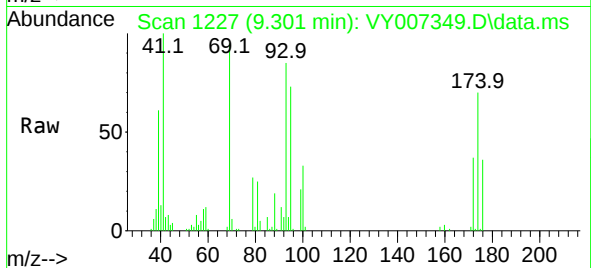
Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020



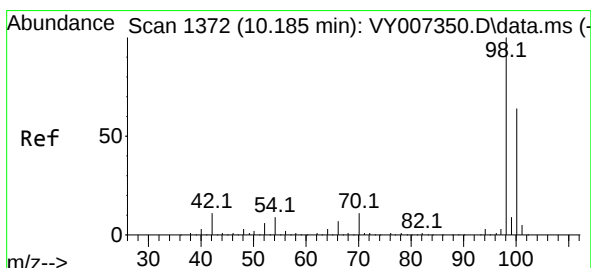
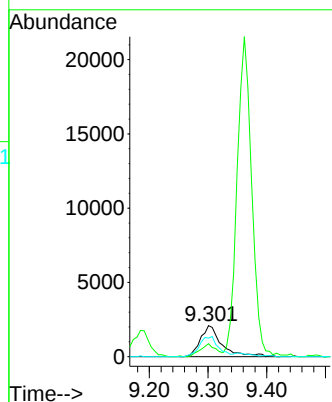
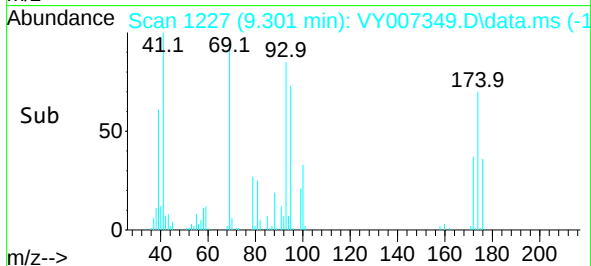
Tgt Ion:	88	Resp:	528
Ion Ratio	Lower	Upper	
88	100		
43	31.1	32.8	49.2
58	58.1	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#50

Toluene-d8

Concen: 17.409 ug/l

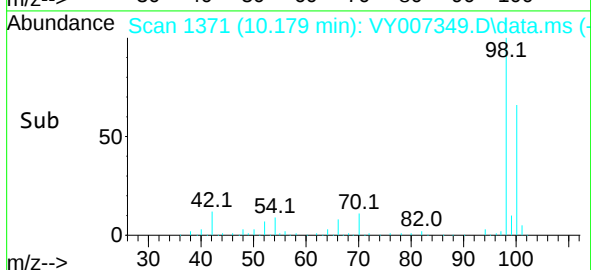
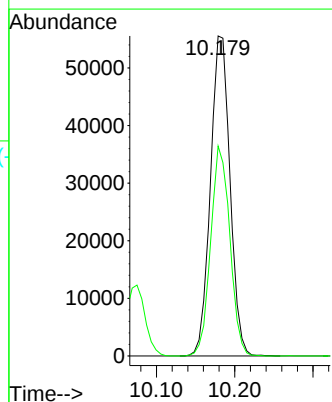
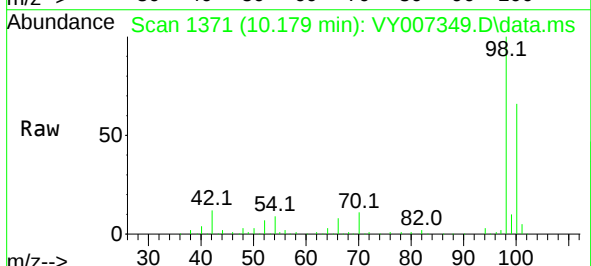
RT: 10.179 min Scan# 1371

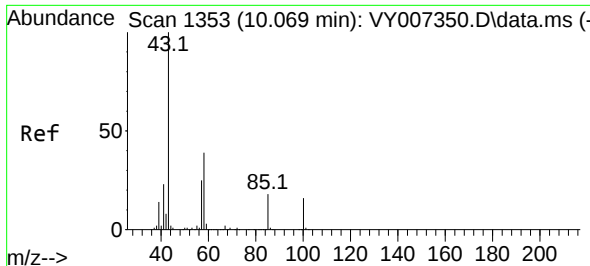
Delta R.T. -0.006 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Tgt Ion:	98	Resp:	96333
Ion Ratio	Lower	Upper	
98	100		
100	64.3	50.2	75.2





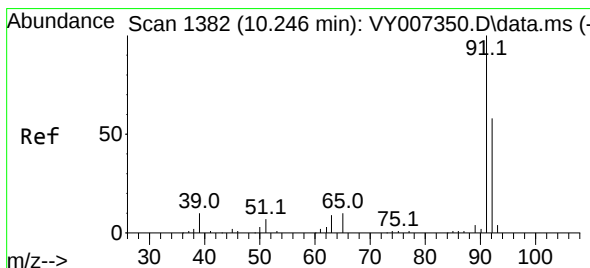
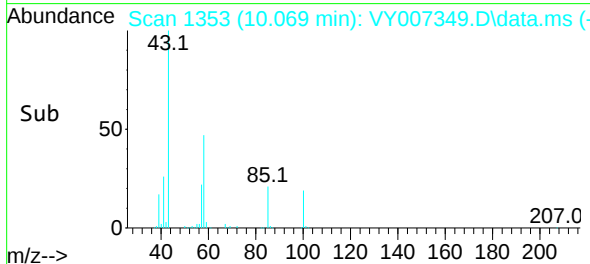
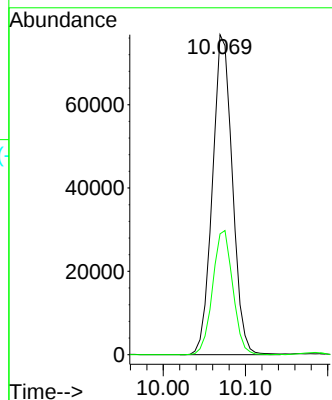
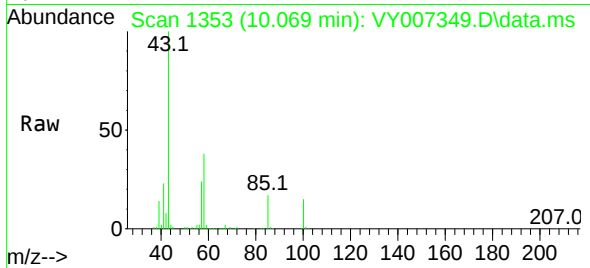
#51
4-Methyl-2-Pentanone
Concen: 104.979 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 129620
Ion Ratio Lower Upper
43 100
58 39.2 28.1 42.1

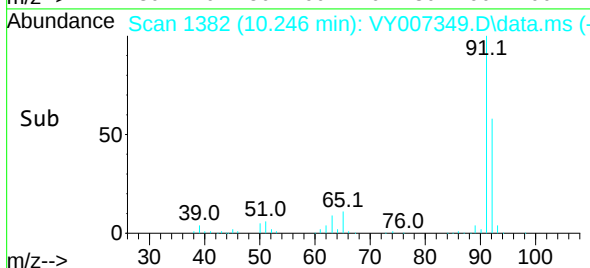
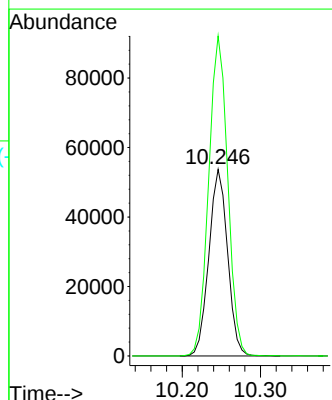
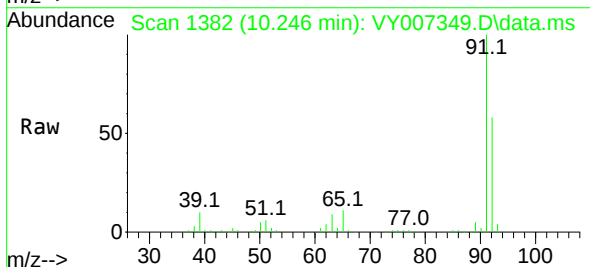
Manual Integrations
APPROVED

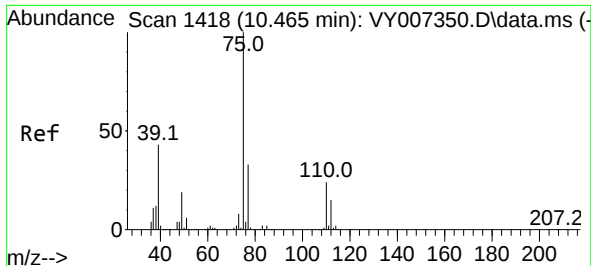
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#52
Toluene
Concen: 20.359 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion: 92 Resp: 89034
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8





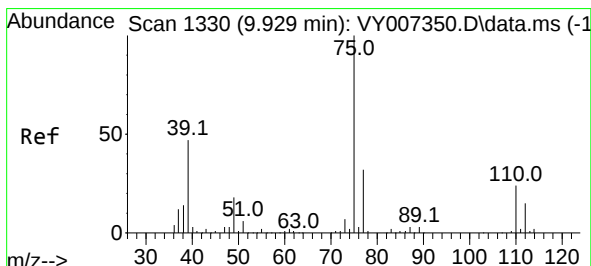
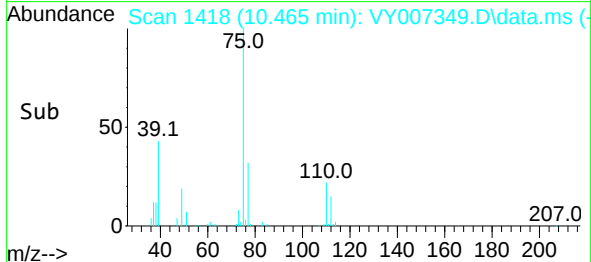
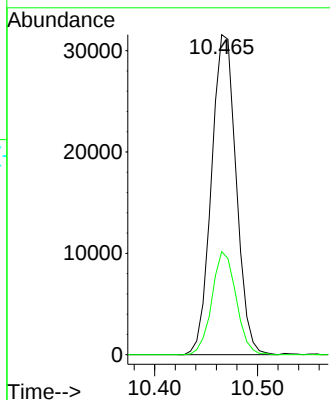
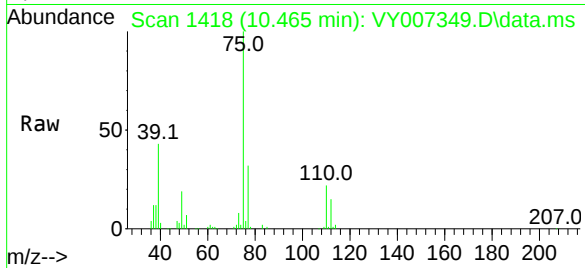
#53
t-1,3-Dichloropropene
Concen: 20.533 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5281
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

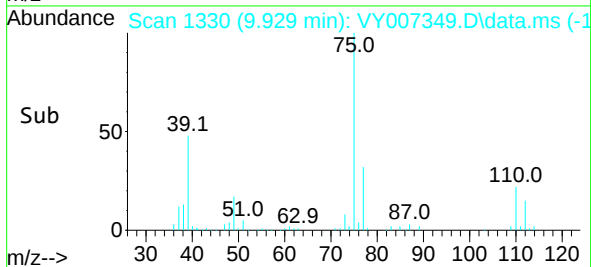
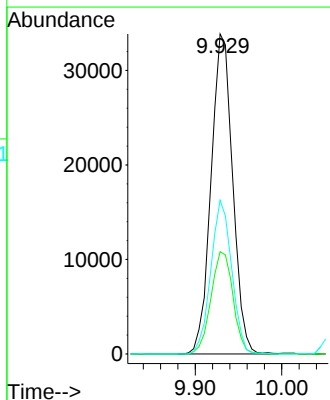
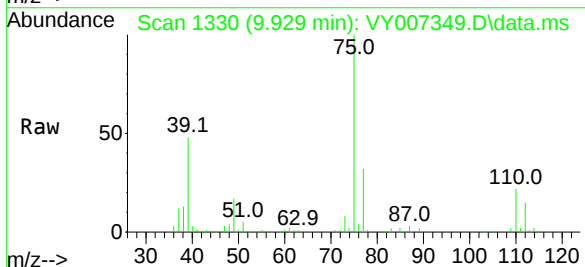
Manual Integrations
APPROVED

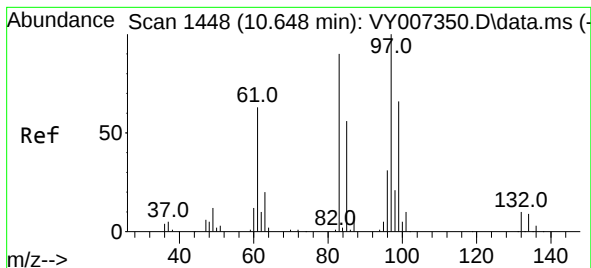
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#54
cis-1,3-Dichloropropene
Concen: 20.360 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

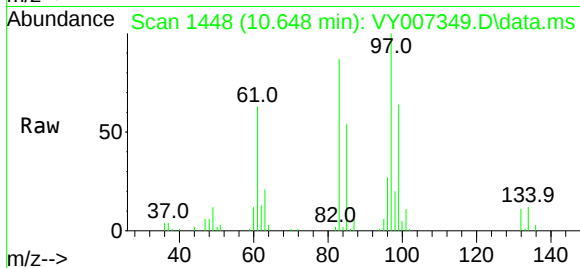
Tgt Ion: 75 Resp: 58662
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 48.1 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 20.639 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

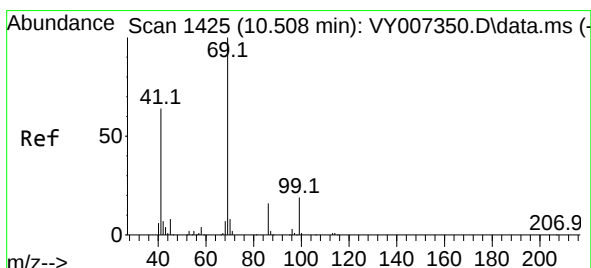
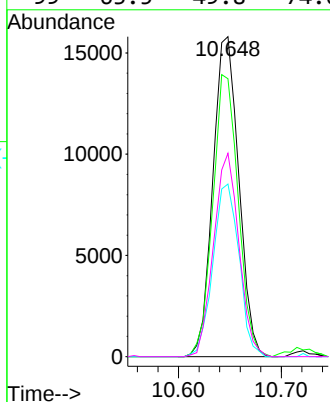
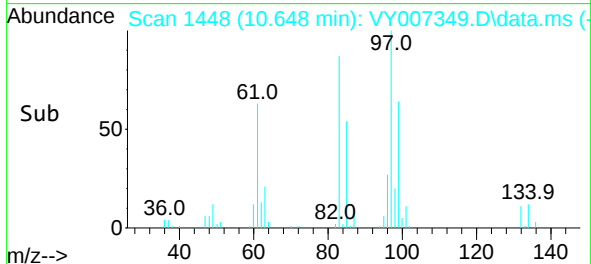


Tgt Ion: 97 Resp: 2760

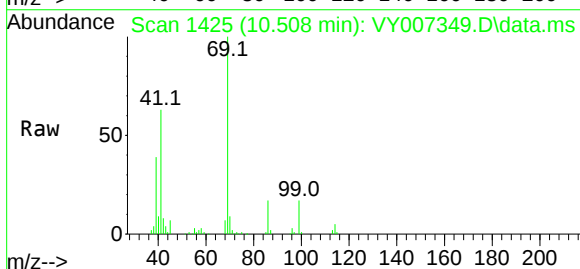
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.8	104.8
85	54.0	44.3	66.5
99	63.5	49.8	74.6

Manual Integrations
APPROVED

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

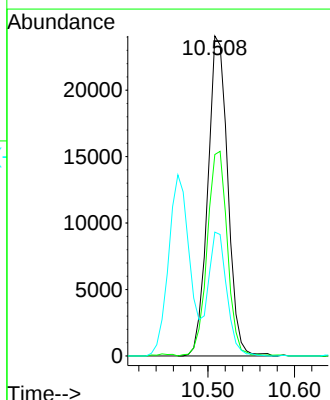
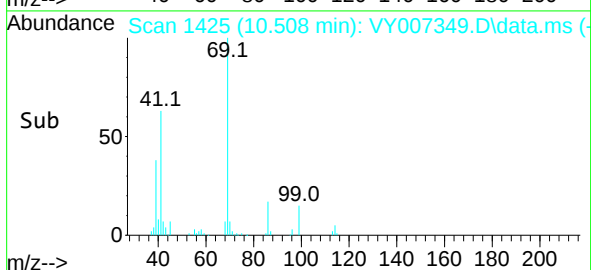


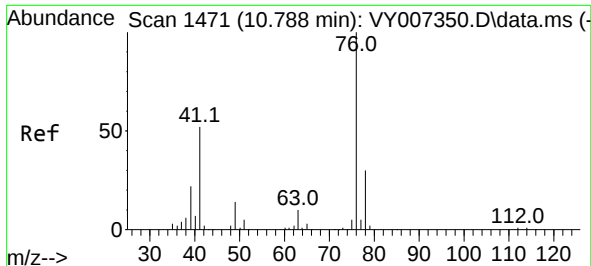
#56
Ethyl methacrylate
Concen: 20.737 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 69 Resp: 38518

Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.4	95.0
39	36.1	35.8	53.8





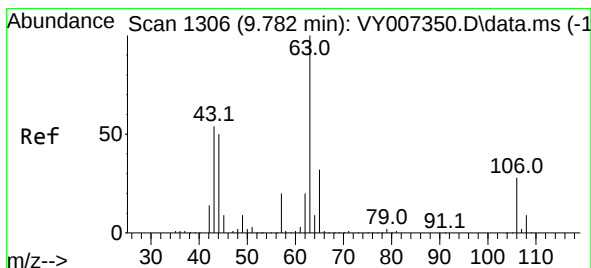
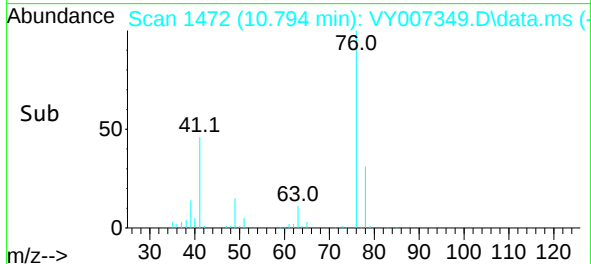
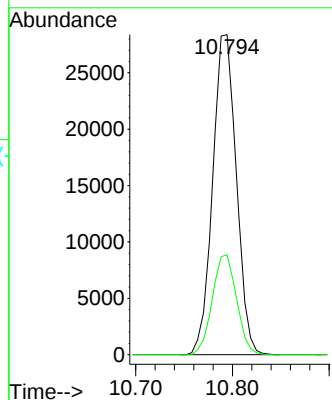
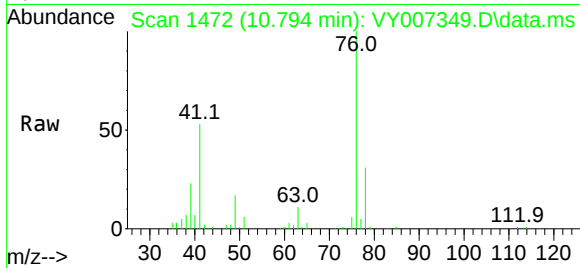
#57
1,3-Dichloropropane
Concen: 20.363 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 4828
Ion Ratio Lower Upper
76 100
78 31.9 25.0 37.6

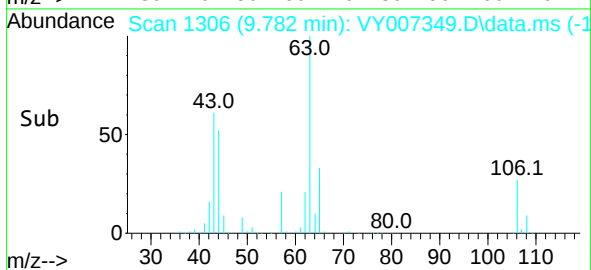
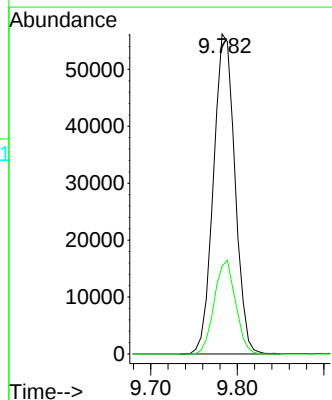
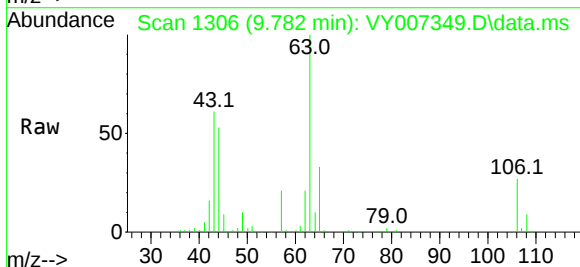
Manual Integrations
APPROVED

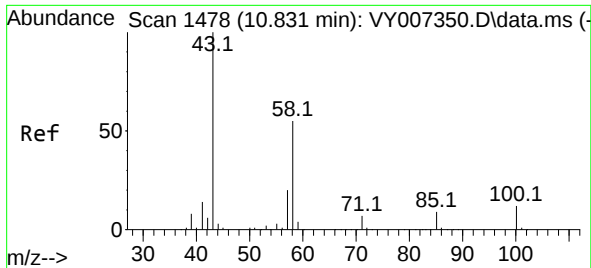
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#58
2-Chloroethyl Vinyl ether
Concen: 100.302 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

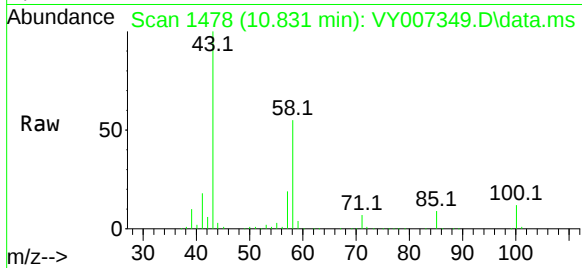
Tgt Ion: 63 Resp: 96914
Ion Ratio Lower Upper
63 100
106 28.9 21.5 32.3





#59
2-Hexanone
Concen: 100.517 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

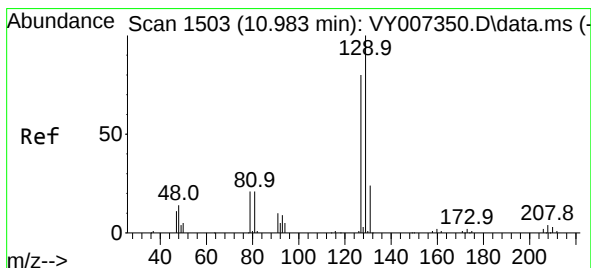
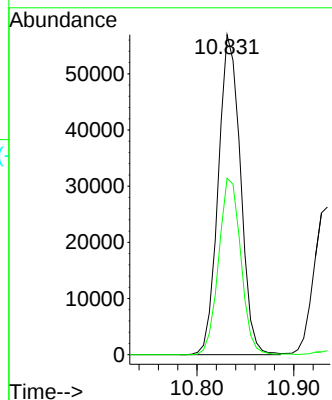
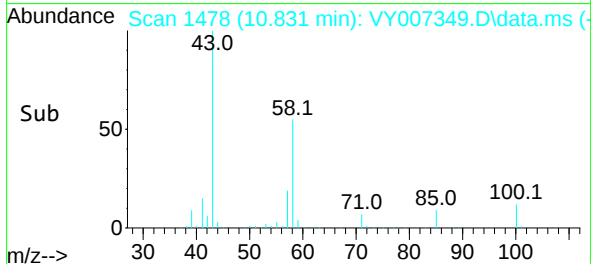
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



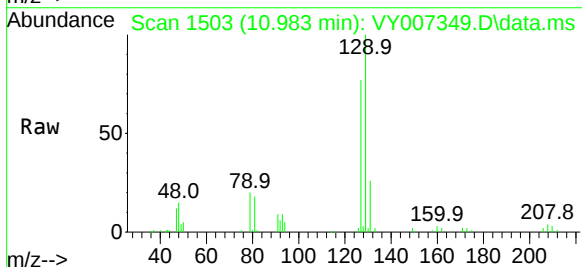
Tgt Ion: 43 Resp: 9048
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

Manual Integrations
APPROVED

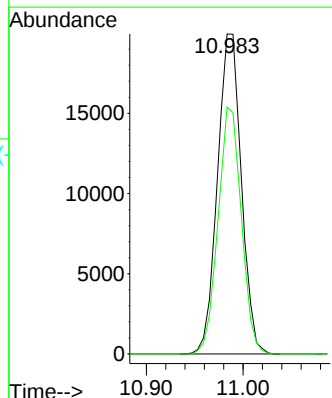
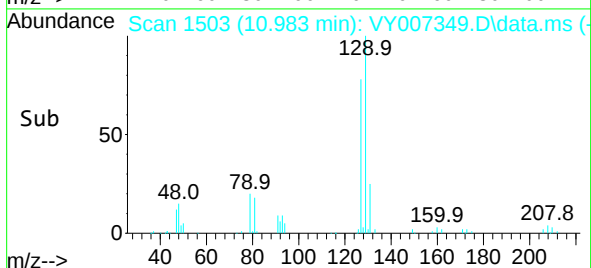
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

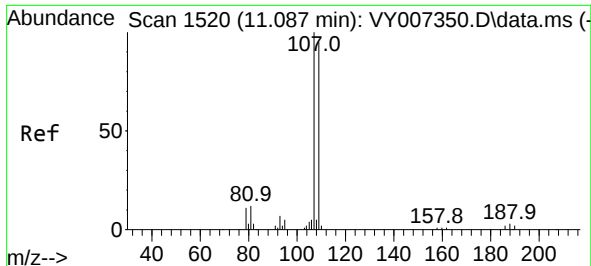


#60
Dibromochloromethane
Concen: 20.505 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



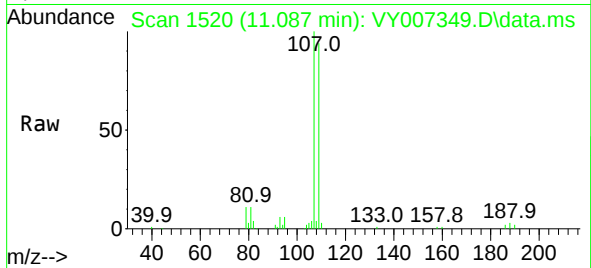
Tgt Ion:129 Resp: 34139
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.514 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

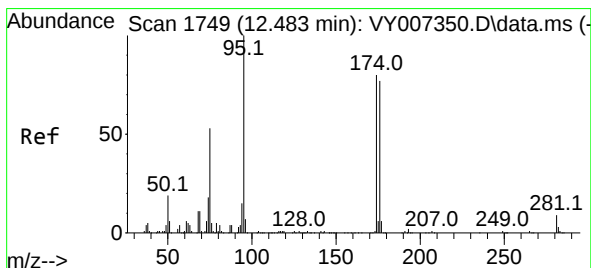
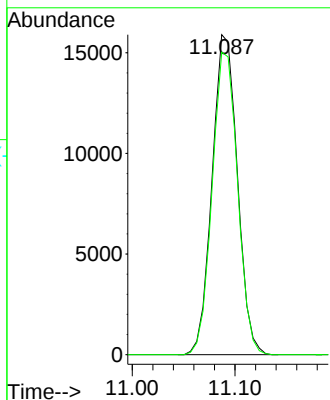
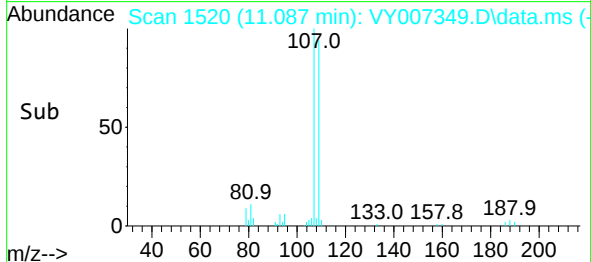
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 2714
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

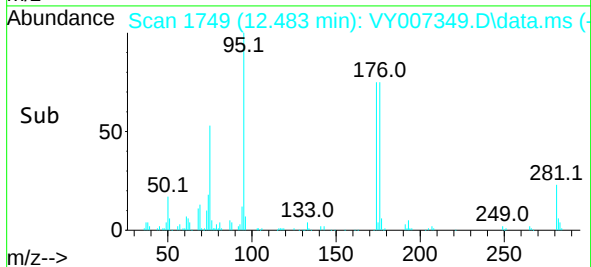
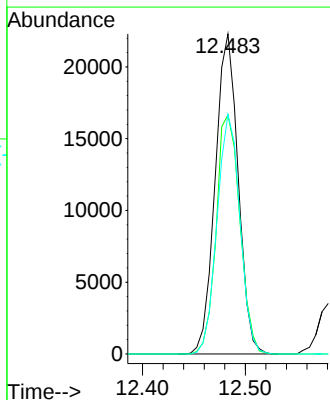
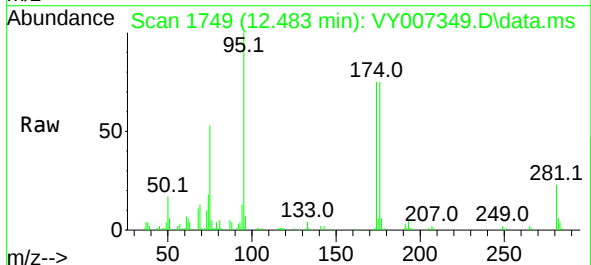
Manual Integrations
APPROVED

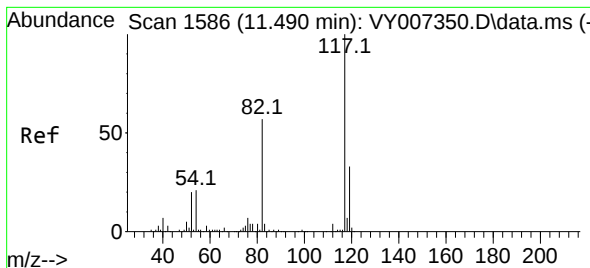
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#62
4-Bromofluorobenzene
Concen: 18.345 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

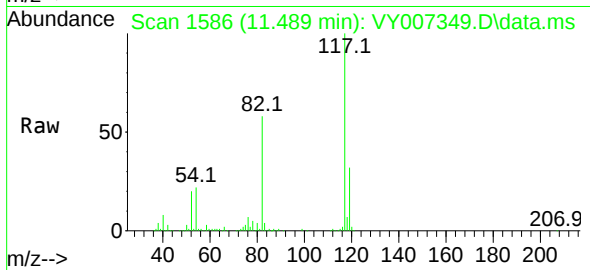
Tgt Ion: 95 Resp: 34503
Ion Ratio Lower Upper
95 100
174 76.7 0.0 177.0
176 74.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

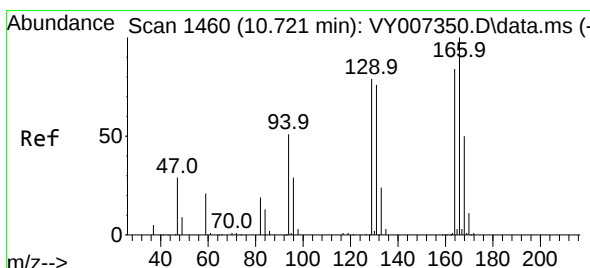
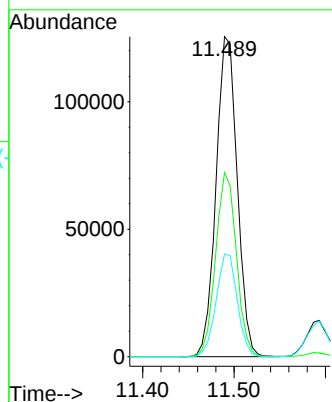
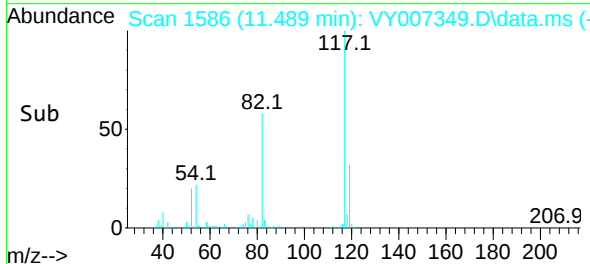
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 202654
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 32.1 25.4 38.0

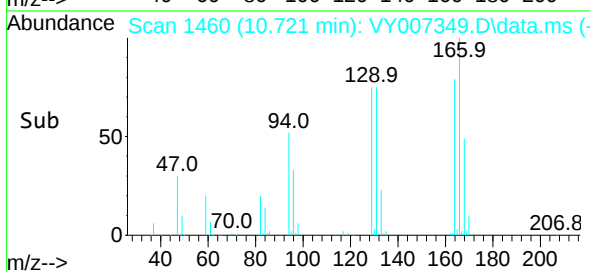
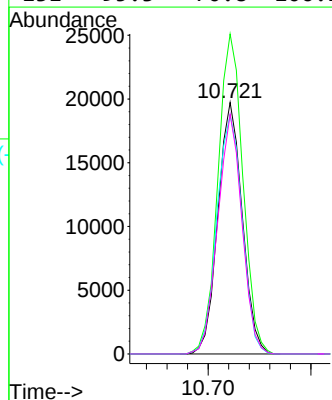
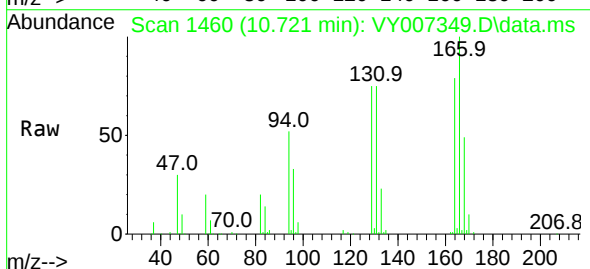
Manual Integrations
APPROVED

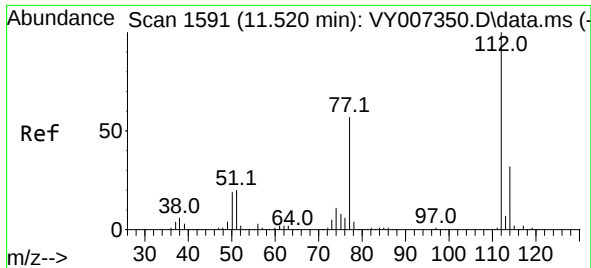
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#64
Tetrachloroethene
Concen: 20.372 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

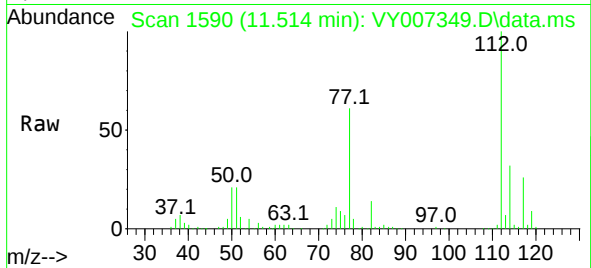
Tgt Ion:164 Resp: 32400
Ion Ratio Lower Upper
164 100
166 127.3 100.4 150.6
129 95.1 71.4 107.0
131 95.3 70.8 106.2





#65
Chlorobenzene
Concen: 20.558 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

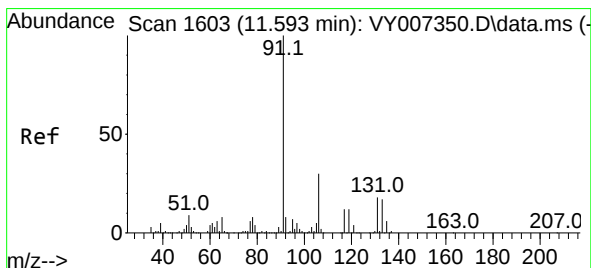
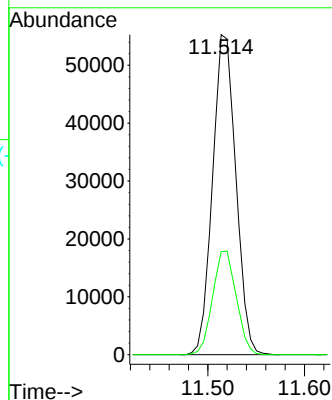
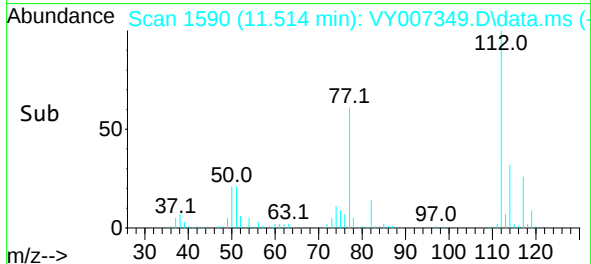
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



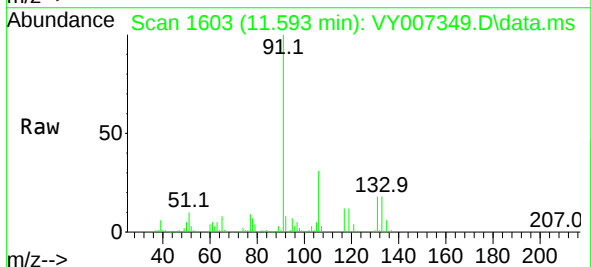
Tgt Ion:112 Resp: 9268
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

Manual Integrations
APPROVED

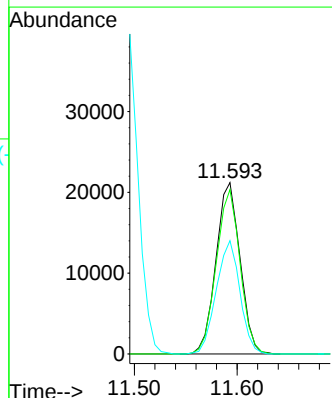
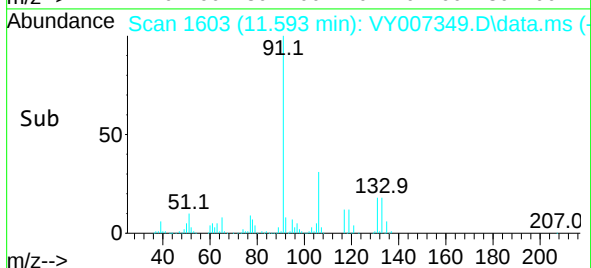
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

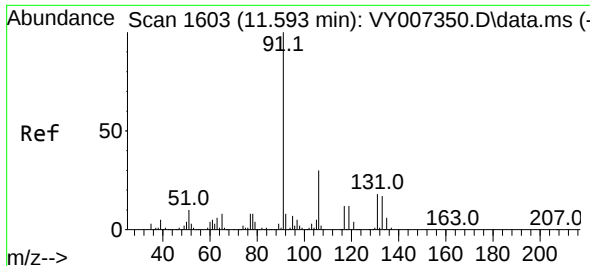


#66
1,1,1,2-Tetrachloroethane
Concen: 20.469 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



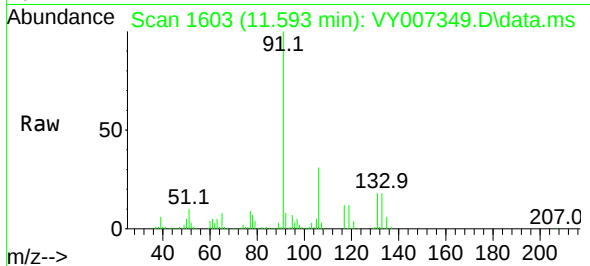
Tgt Ion:131 Resp: 34447
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 65.1 30.8 92.3





#67
Ethyl Benzene
Concen: 20.545 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

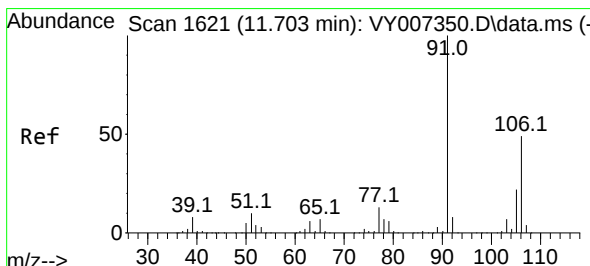
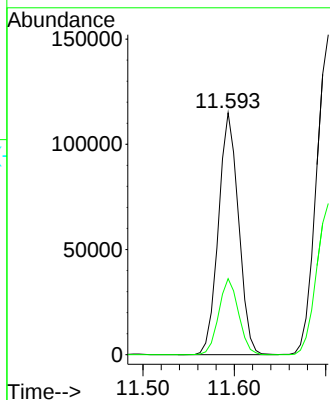
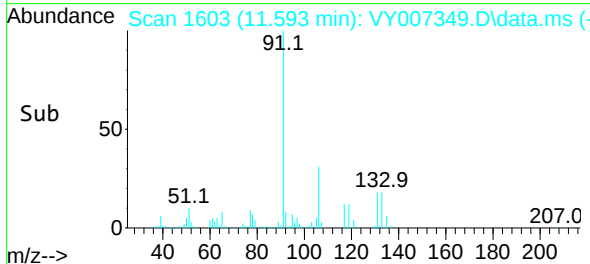
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



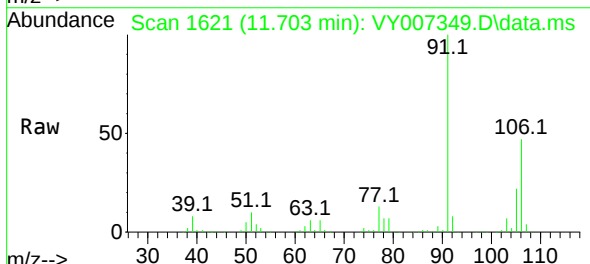
Tgt Ion: 91 Resp: 175760
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

Manual Integrations
APPROVED

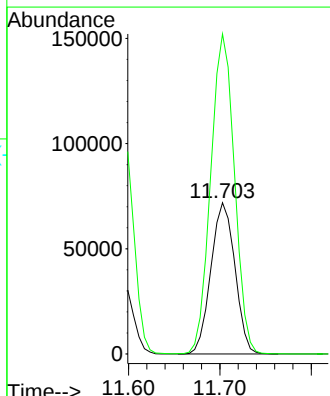
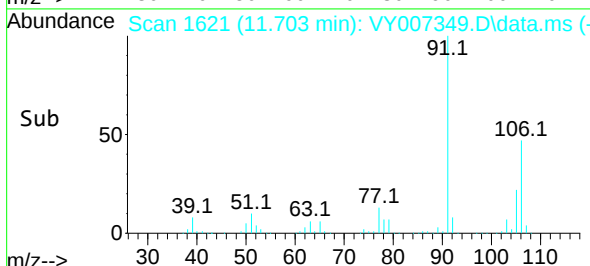
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

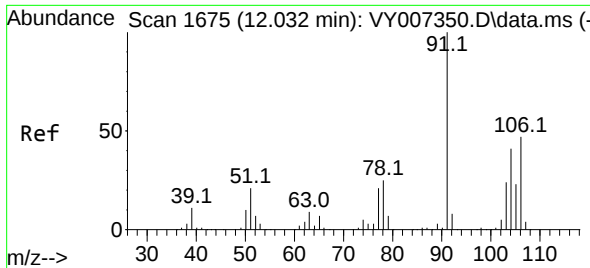


#68
m/p-Xylenes
Concen: 41.409 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion:106 Resp: 131203
Ion Ratio Lower Upper
106 100
91 209.3 166.6 249.8





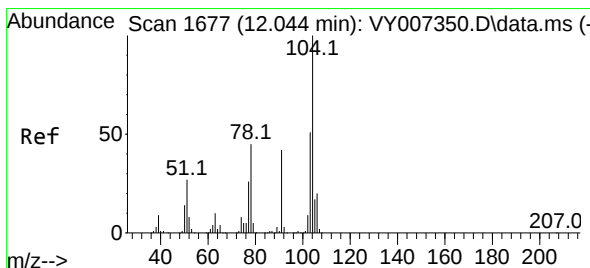
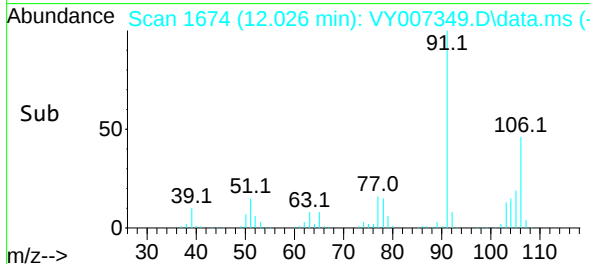
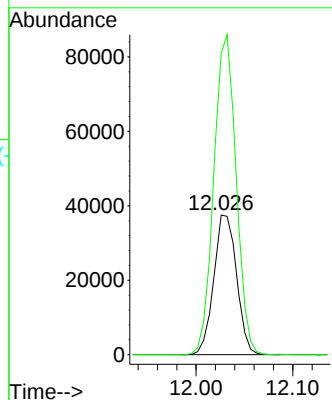
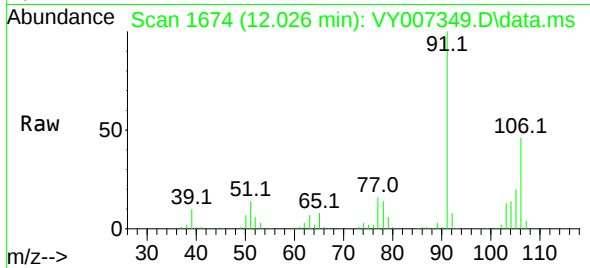
#69
o-Xylene
Concen: 20.538 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 61524
Ion Ratio Lower Upper
106 100
91 224.0 110.3 331.0

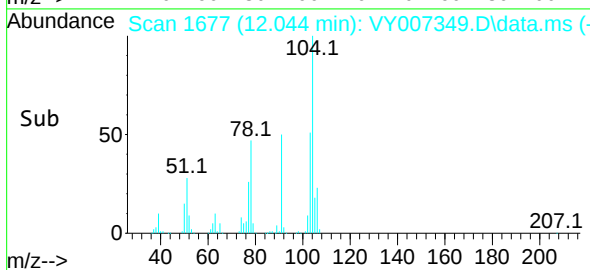
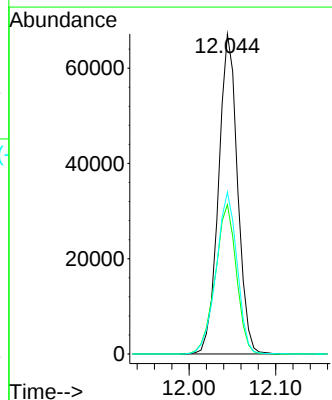
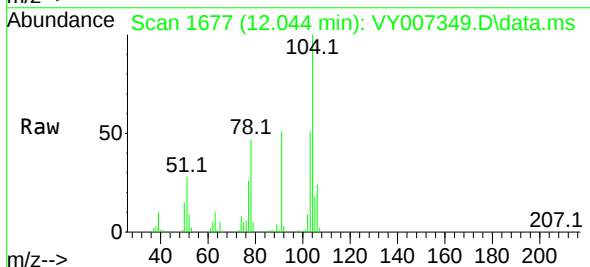
Manual Integrations
APPROVED

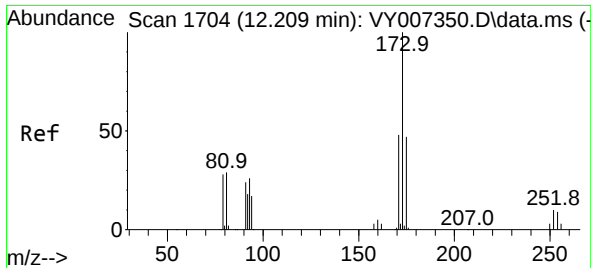
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#70
Styrene
Concen: 20.763 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

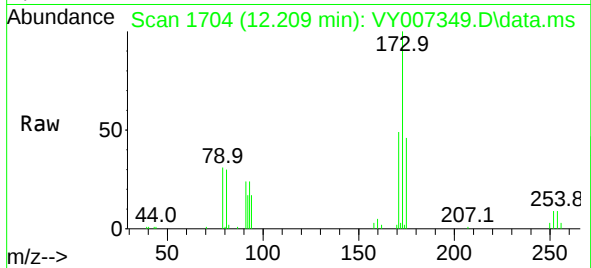
Tgt Ion:104 Resp: 102535
Ion Ratio Lower Upper
104 100
78 51.8 42.4 63.6
103 55.6 44.4 66.6





#71
Bromoform
Concen: 20.369 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

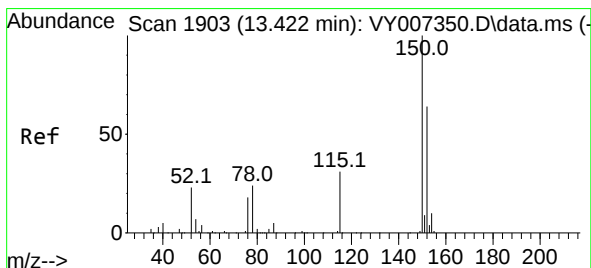
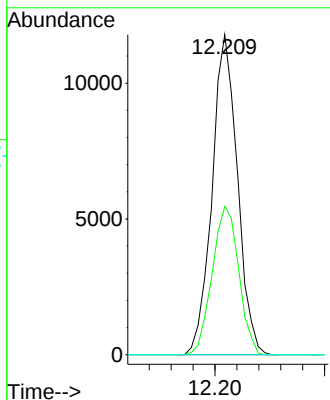
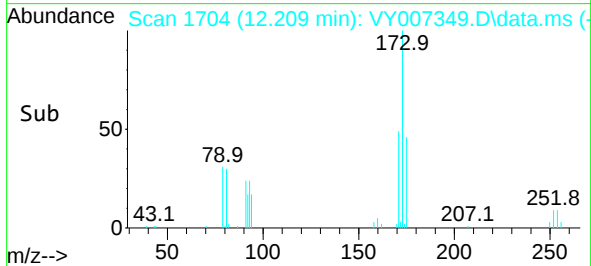
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



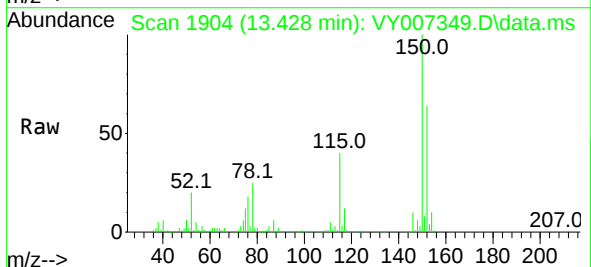
Tgt Ion:173 Resp: 1891
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

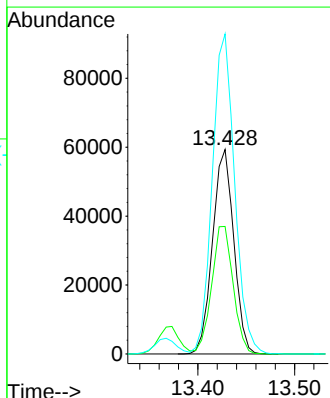
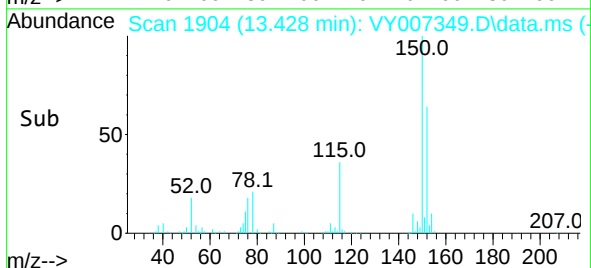
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

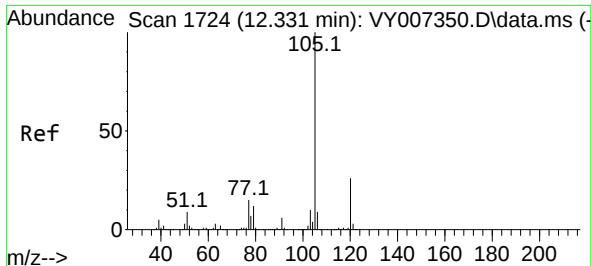


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



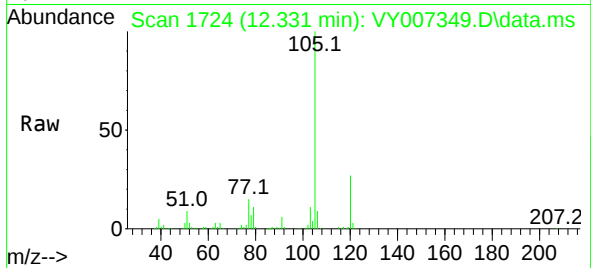
Tgt Ion:152 Resp: 90533
Ion Ratio Lower Upper
152 100
115 63.2 28.2 84.7
150 164.5 0.0 347.6





#73
Isopropylbenzene
Concen: 20.709 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

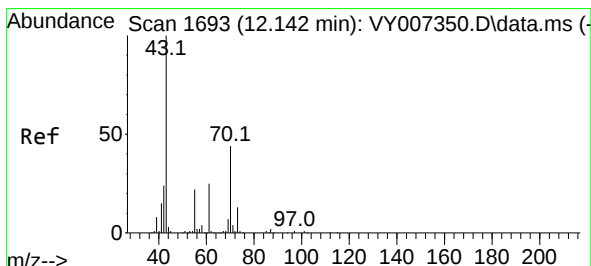
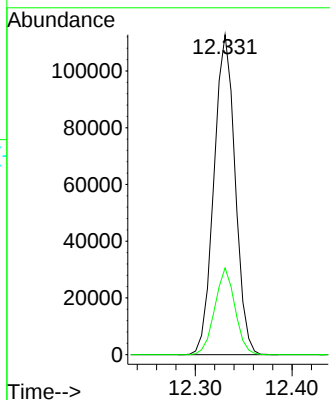
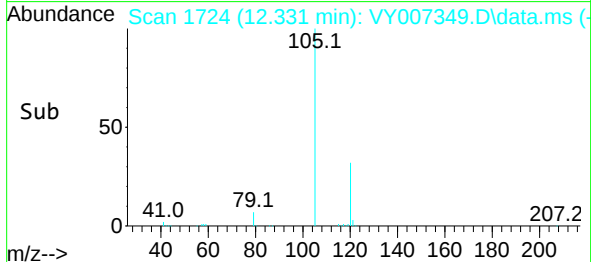
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 171340
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2

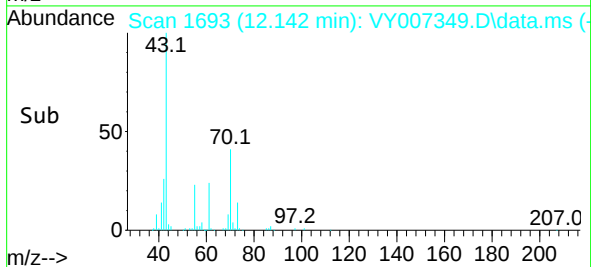
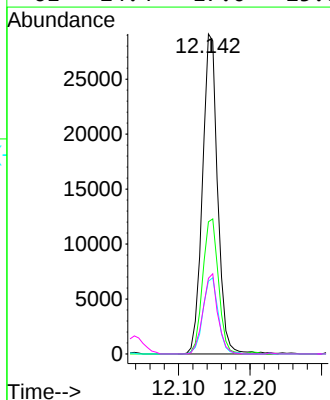
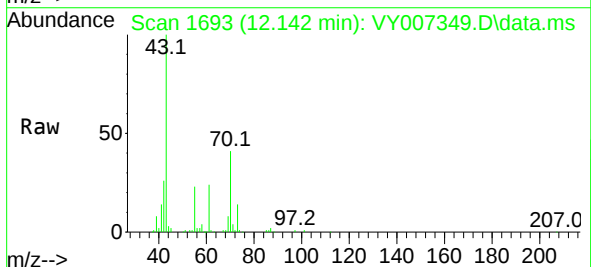
Manual Integrations
APPROVED

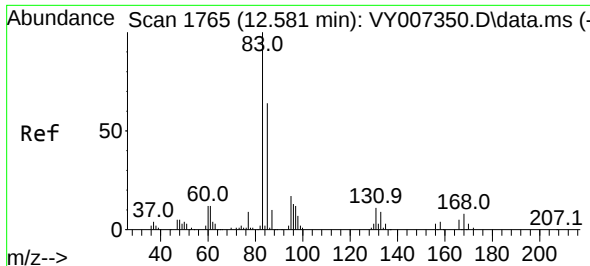
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#74
N-ethyl acetate
Concen: 20.978 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

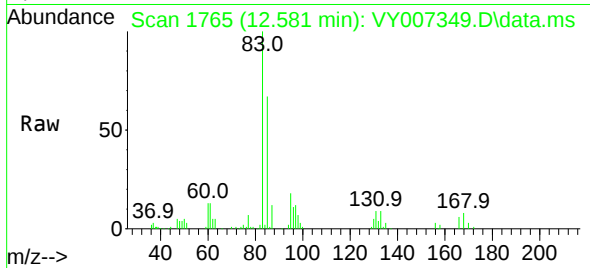
Tgt Ion: 43 Resp: 42964
Ion Ratio Lower Upper
43 100
70 43.7 28.7 43.1#
55 23.9 17.3 25.9
61 24.4 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 20.653 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

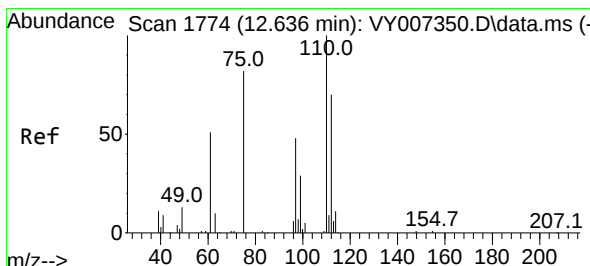
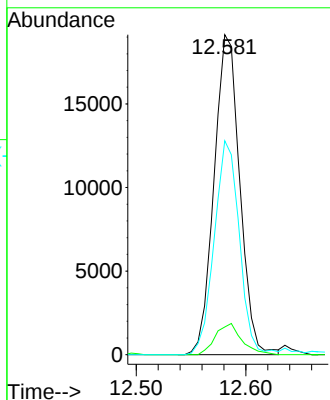
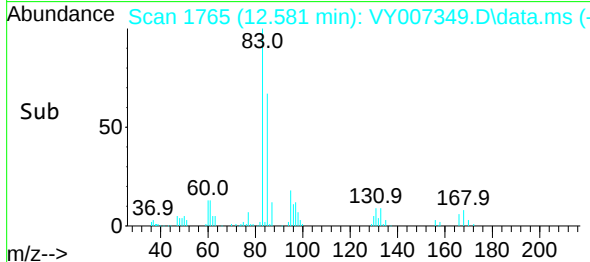
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



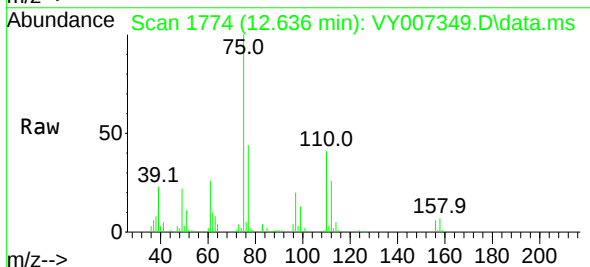
Tgt Ion: 83 Resp: 31200
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 64.8 32.3 96.8

Manual Integrations
APPROVED

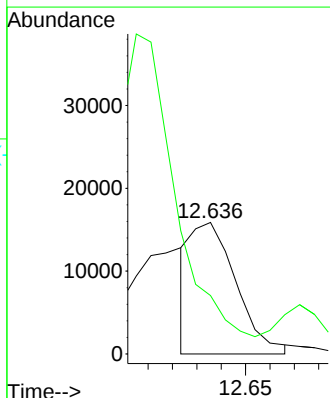
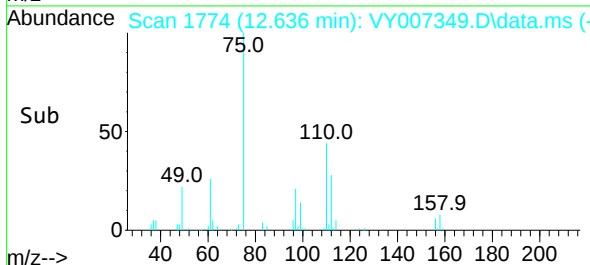
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

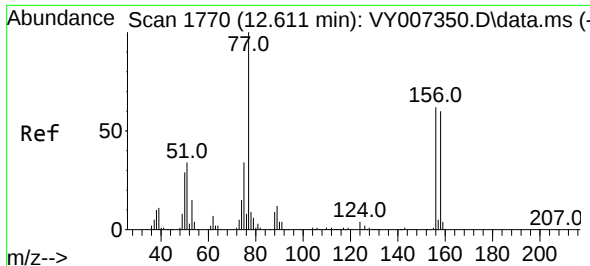


#76
1,2,3-Trichloropropane
Concen: 18.784 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



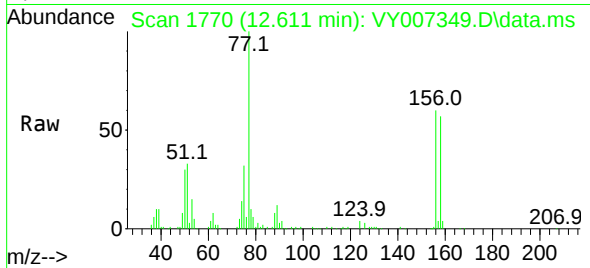
Tgt Ion: 75 Resp: 20487
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.096 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

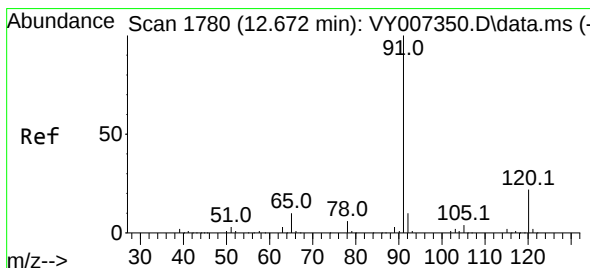
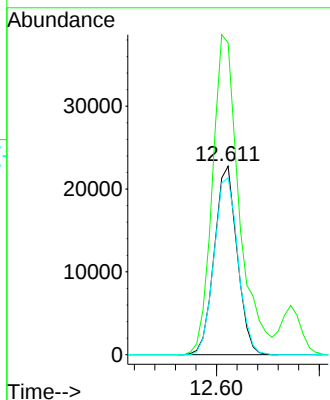
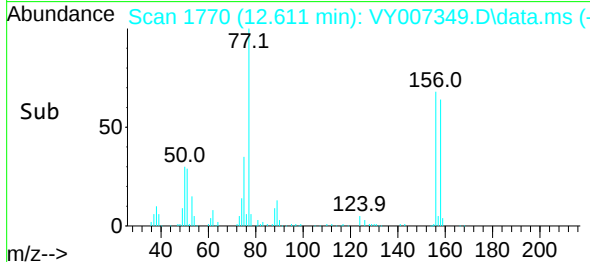
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



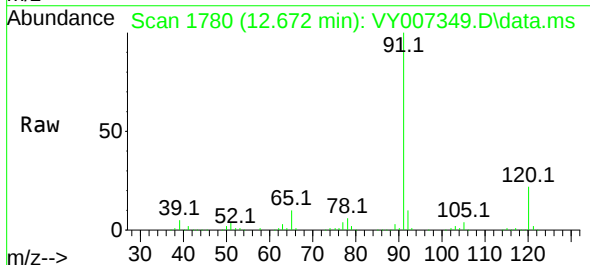
Tgt Ion:156 Resp: 35029
Ion Ratio Lower Upper
156 100
77 199.1 95.5 286.4
158 98.9 48.0 144.0

Manual Integrations
APPROVED

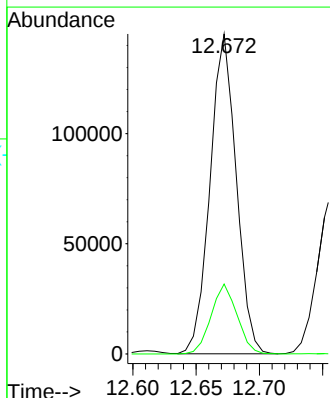
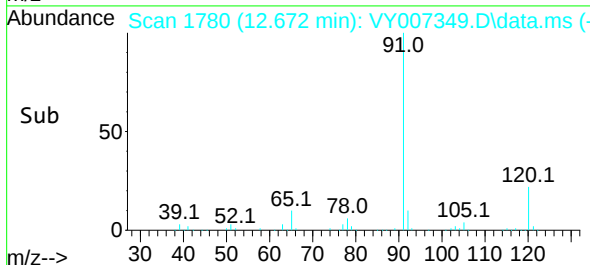
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

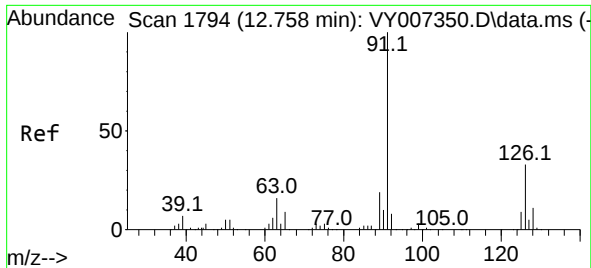


#78
n-propylbenzene
Concen: 20.857 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



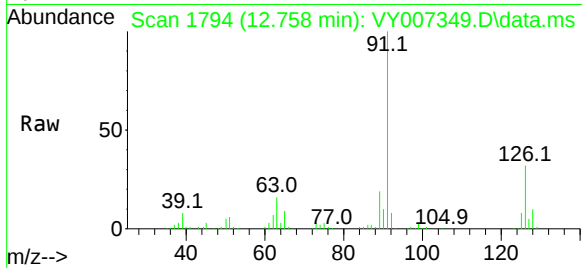
Tgt Ion: 91 Resp: 209021
Ion Ratio Lower Upper
91 100
120 21.6 11.3 33.9





#79
2-Chlorotoluene
Concen: 20.587 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

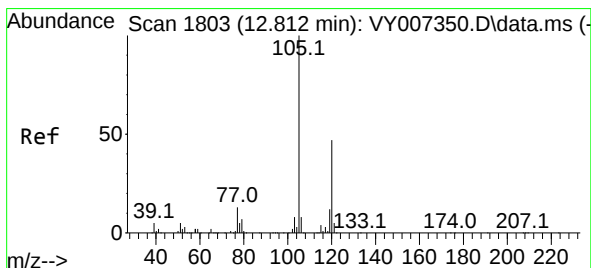
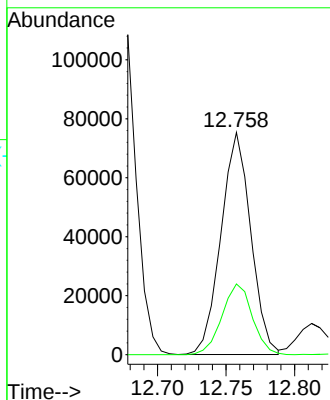
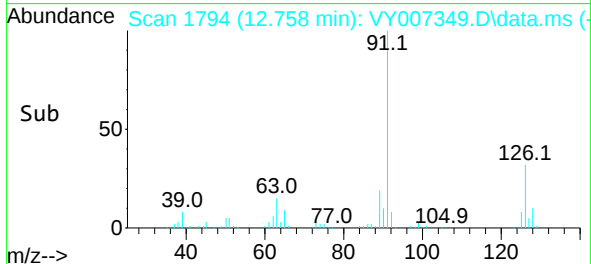
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



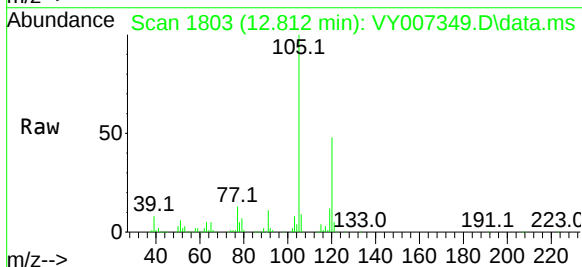
Tgt Ion: 91 Resp: 114230
Ion Ratio Lower Upper
91 100
126 32.3 16.9 50.6

Manual Integrations
APPROVED

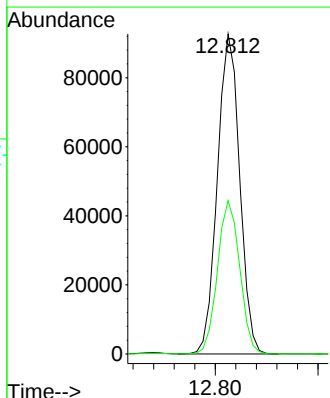
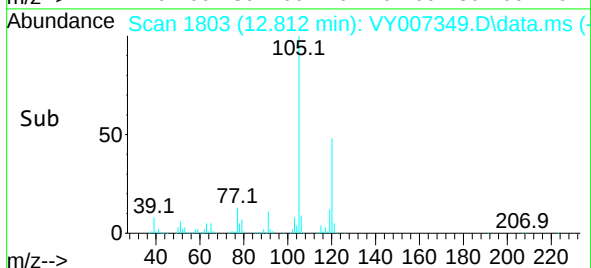
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

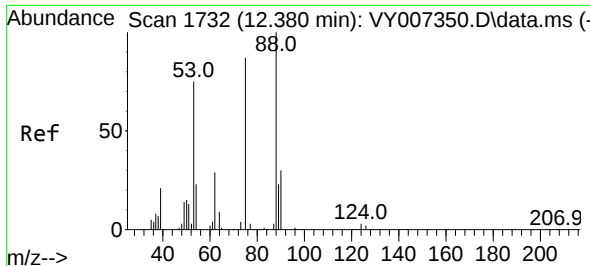


#80
1,3,5-Trimethylbenzene
Concen: 20.658 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



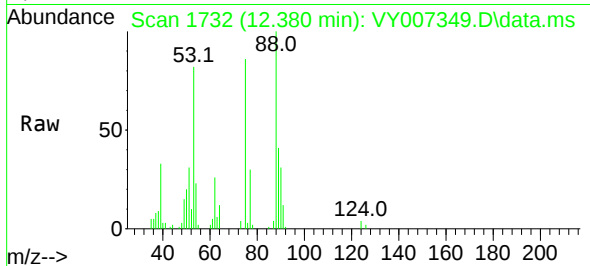
Tgt Ion:105 Resp: 139438
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.662 ug/l
RT: 12.380 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

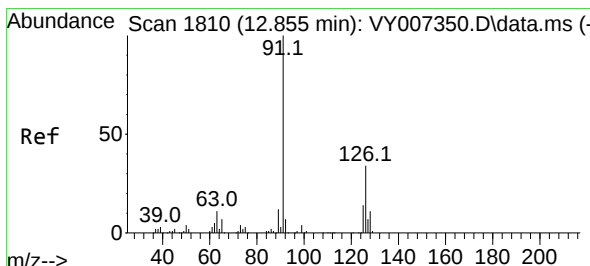
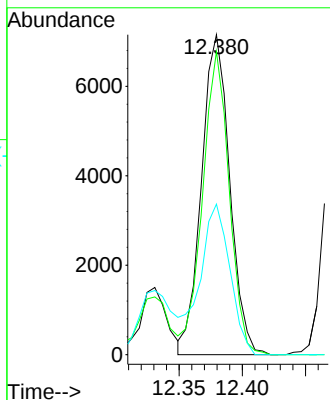
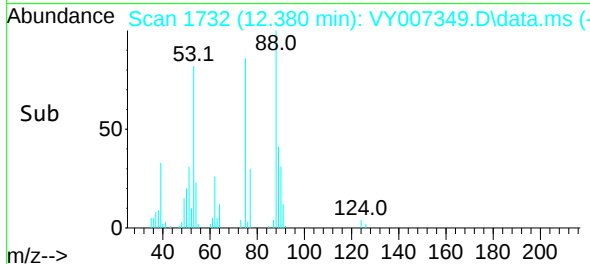
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 11100
Ion Ratio Lower Upper
75 100
53 89.3 85.3 127.9
89 50.5 37.0 55.4

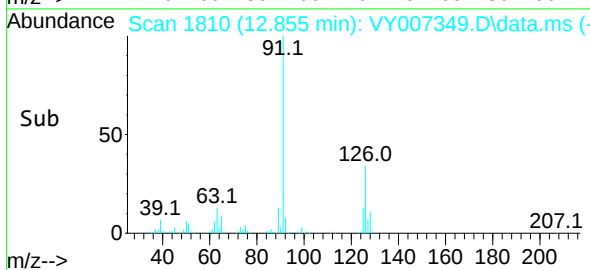
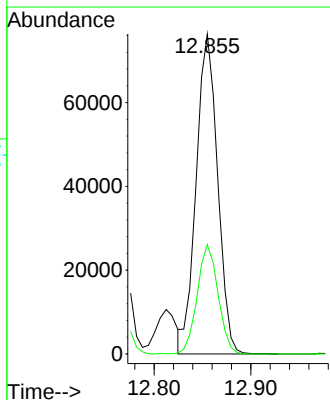
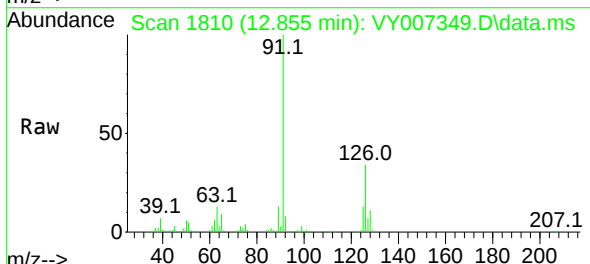
Manual Integrations
APPROVED

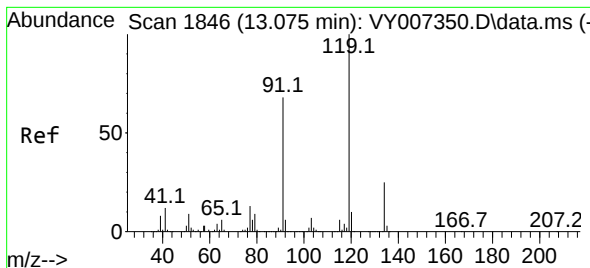
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#82
4-Chlorotoluene
Concen: 20.630 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

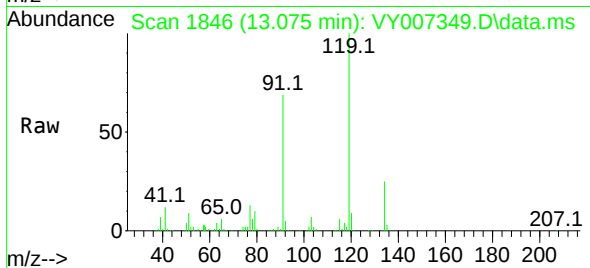
Tgt Ion: 91 Resp: 117570
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 20.506 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

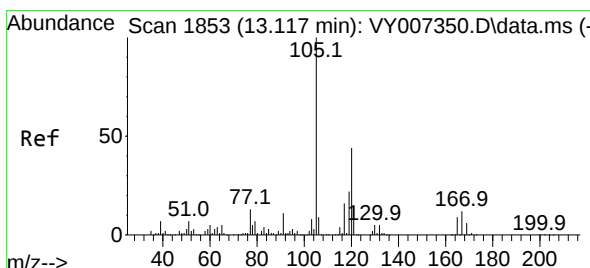
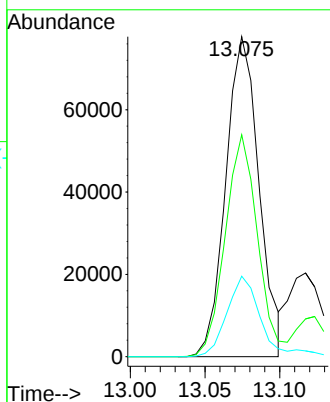
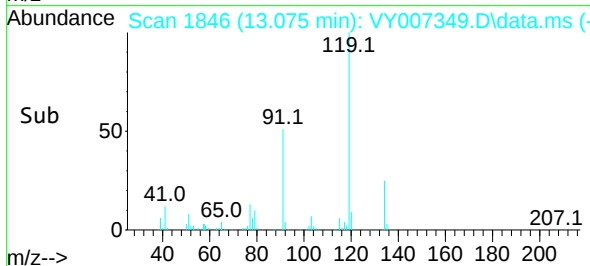
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



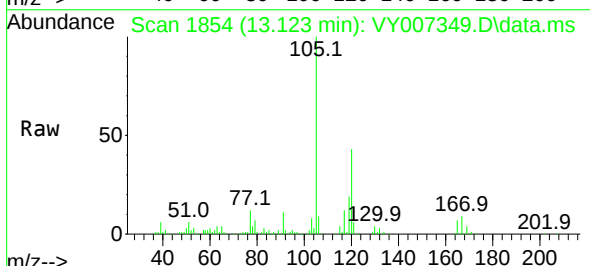
Tgt Ion:119 Resp: 120493
Ion Ratio Lower Upper
119 100
91 67.7 34.8 104.4
134 25.6 13.3 39.9

Manual Integrations
APPROVED

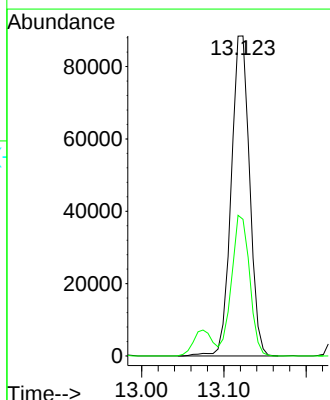
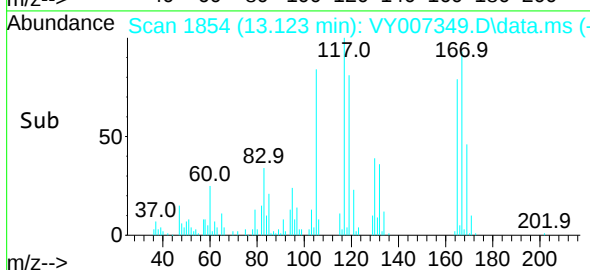
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

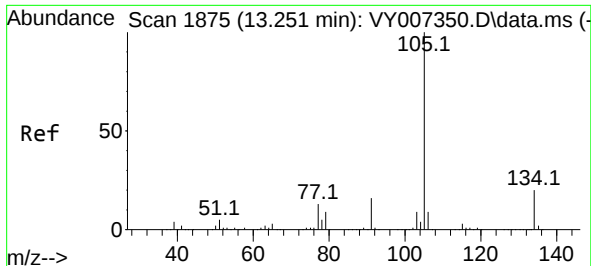


#84
1,2,4-Trimethylbenzene
Concen: 20.718 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



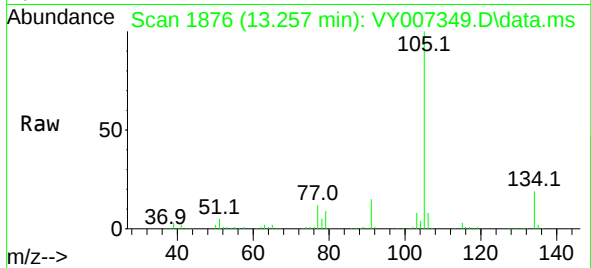
Tgt Ion:105 Resp: 137685
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.790 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007349.D
 Acq: 02 Feb 2022 12:02

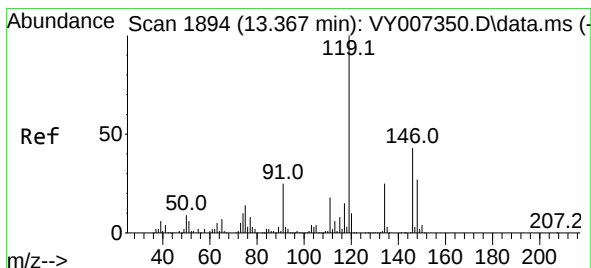
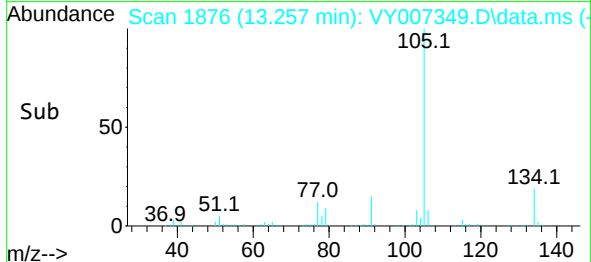
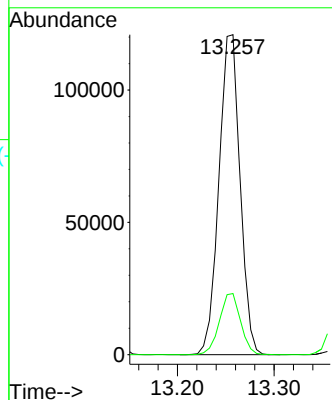
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 18323
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.2 30.4

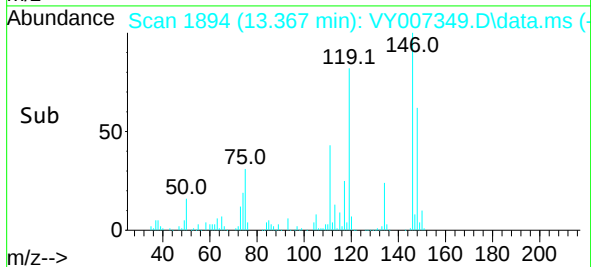
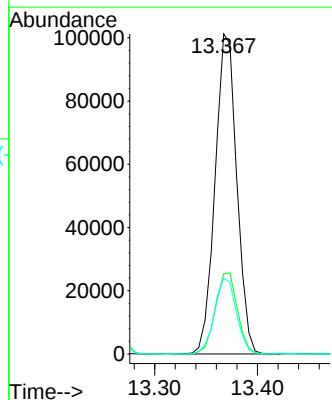
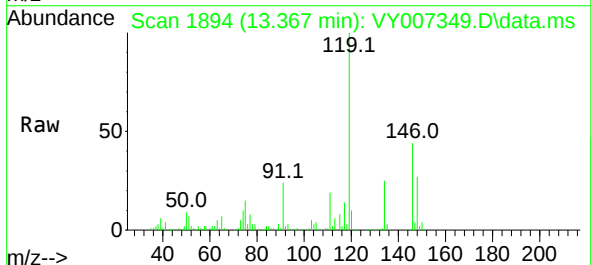
Manual Integrations
 APPROVED

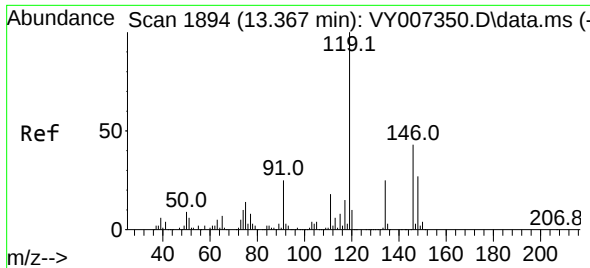
Reviewed By :John Carbone 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022



#86
 p-Isopropyltoluene
 Concen: 20.673 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007349.D
 Acq: 02 Feb 2022 12:02

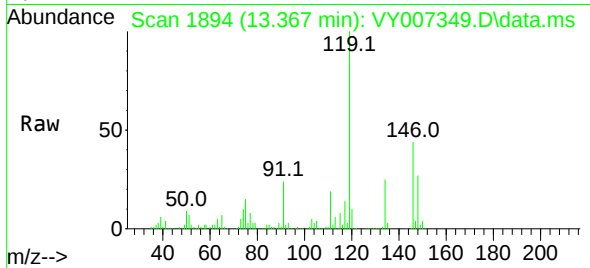
Tgt Ion:119 Resp: 148428
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.520 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

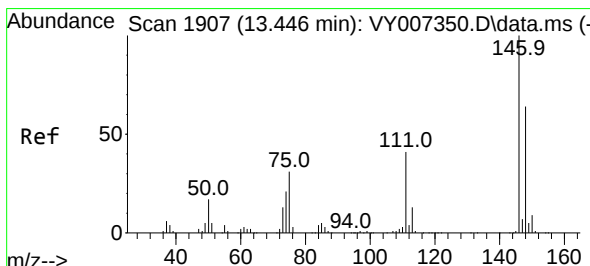
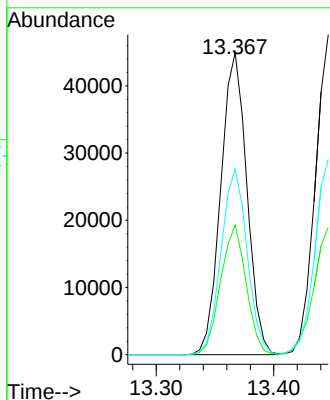
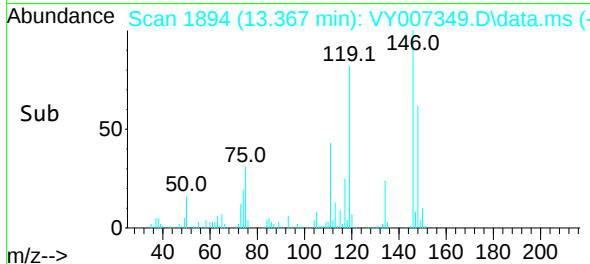
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



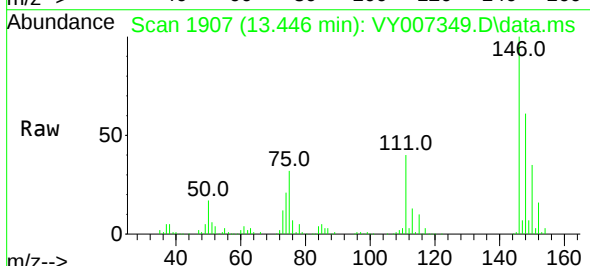
Tgt Ion:146 Resp: 6934
Ion Ratio Lower Upper
146 100
111 42.0 19.5 58.5
148 61.5 31.6 95.0

Manual Integrations
APPROVED

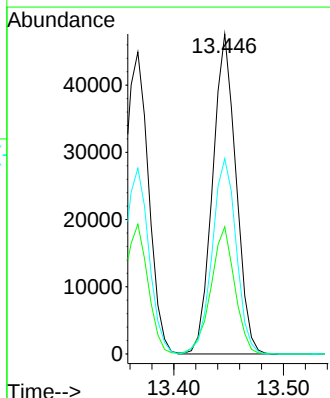
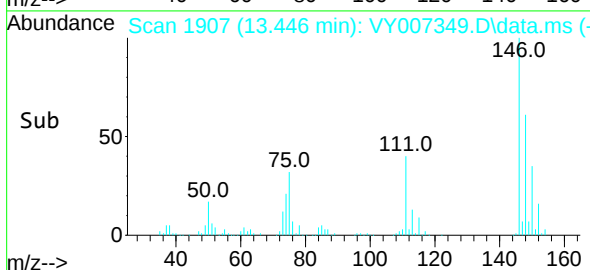
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

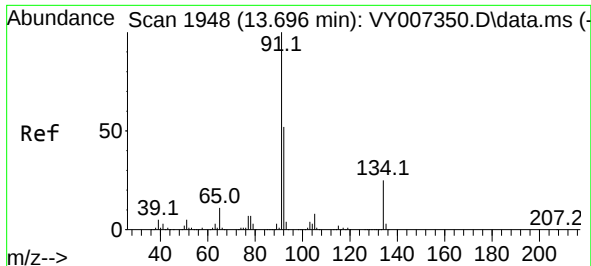


#88
1,4-Dichlorobenzene
Concen: 20.973 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



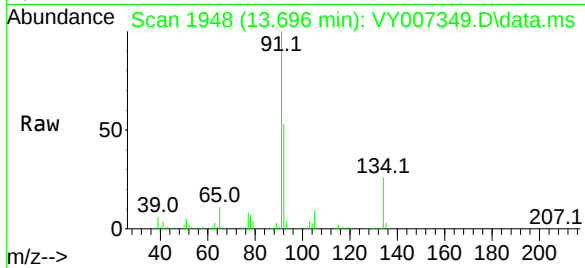
Tgt Ion:146 Resp: 70647
Ion Ratio Lower Upper
146 100
111 40.5 19.3 57.8
148 62.7 32.6 97.8





#89
n-Butylbenzene
Concen: 20.797 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

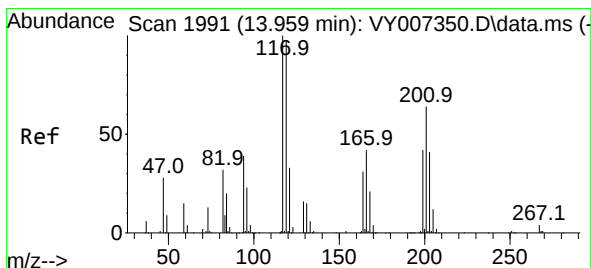
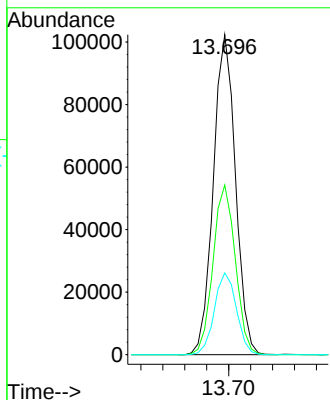
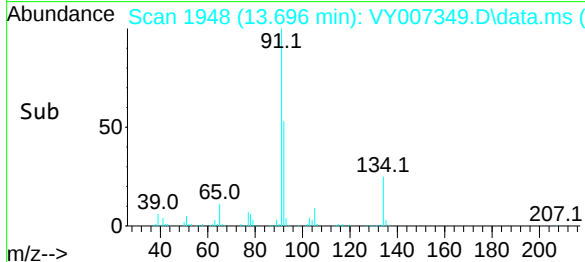
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



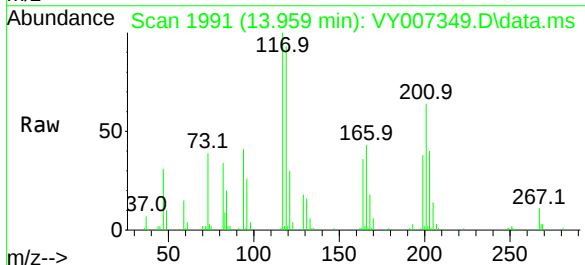
Tgt Ion: 91 Resp: 14371
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 25.4 13.0 38.9

Manual Integrations
APPROVED

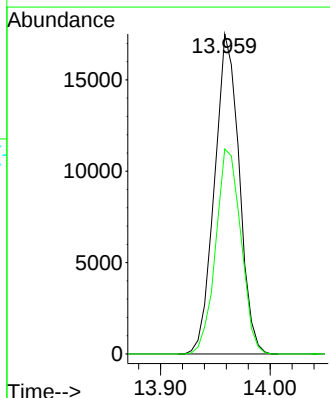
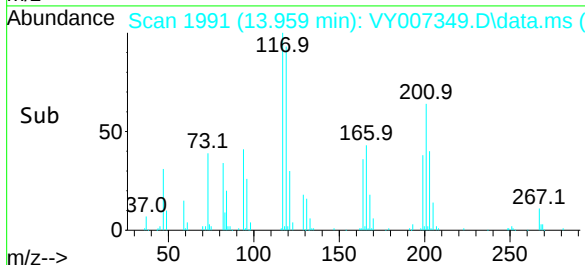
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

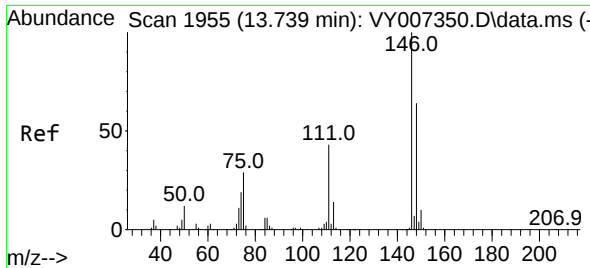


#90
Hexachloroethane
Concen: 20.163 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



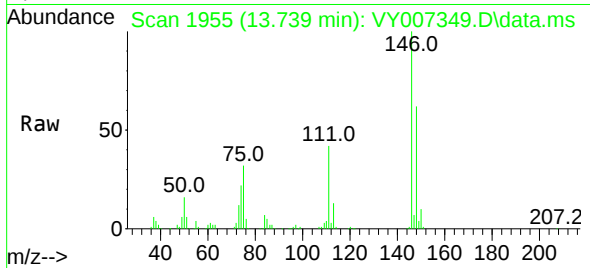
Tgt Ion:117 Resp: 27358
Ion Ratio Lower Upper
117 100
201 65.6 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 20.400 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

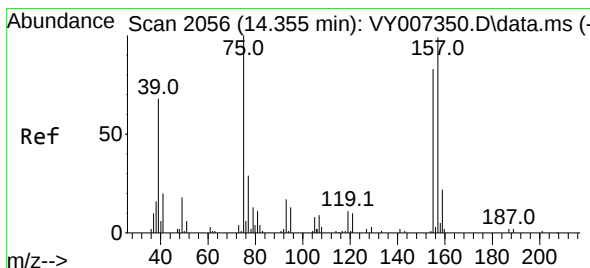
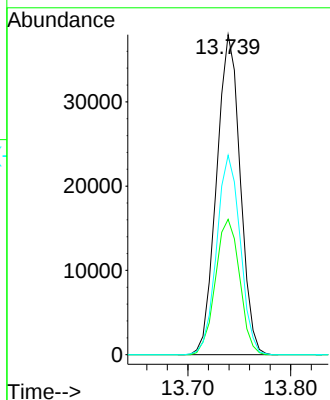
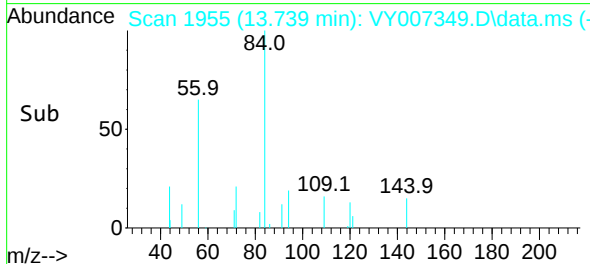
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



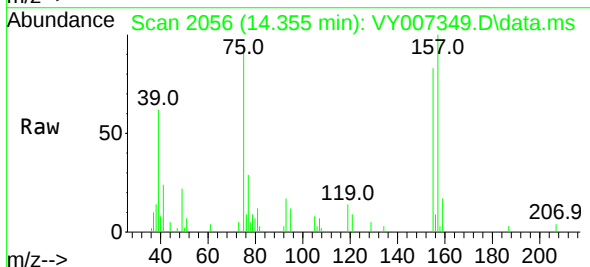
Tgt Ion:146 Resp: 60679
Ion Ratio Lower Upper
146 100
111 43.3 20.3 60.9
148 62.2 32.3 96.9

Manual Integrations
APPROVED

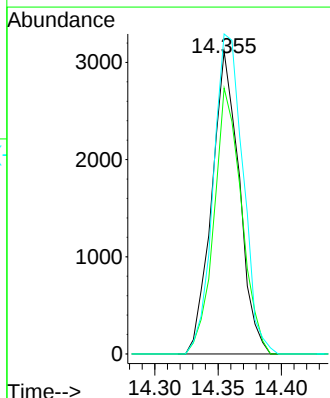
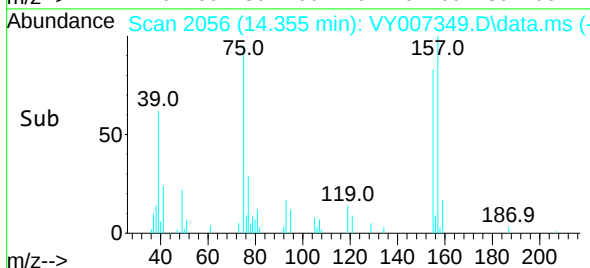
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

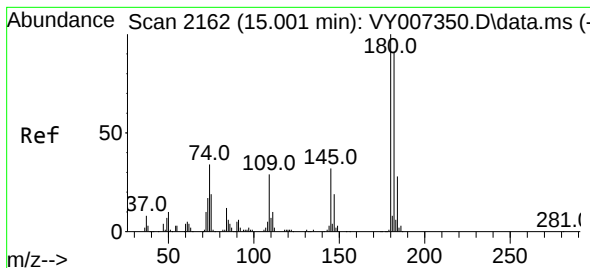


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.125 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02



Tgt Ion: 75 Resp: 4696
Ion Ratio Lower Upper
75 100
155 87.8 38.0 113.9
157 114.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.753 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

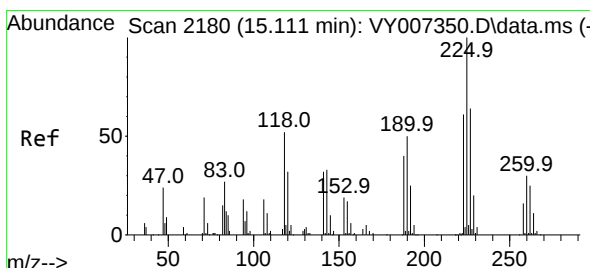
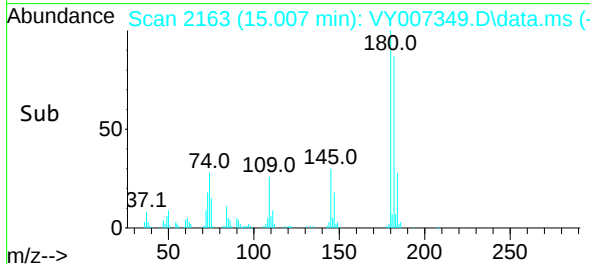
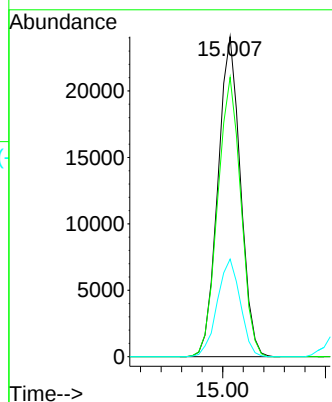
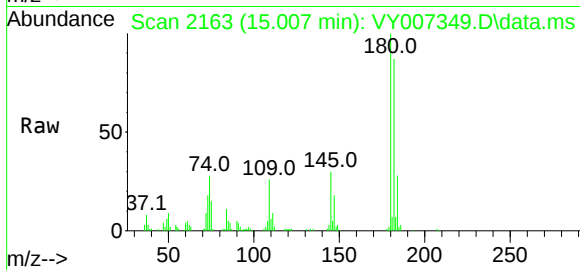
Tgt Ion:180	Resp:	3655
Ion Ratio	Lower	Upper
180	100	
182	89.8	47.3 141.9
145	31.2	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#94

Hexachlorobutadiene

Concen: 20.272 ug/l

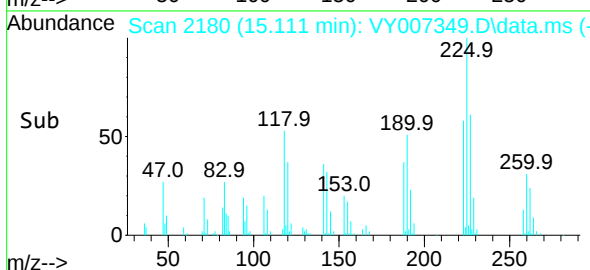
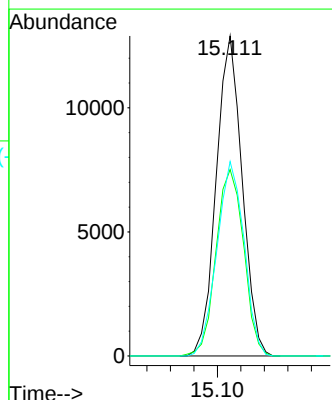
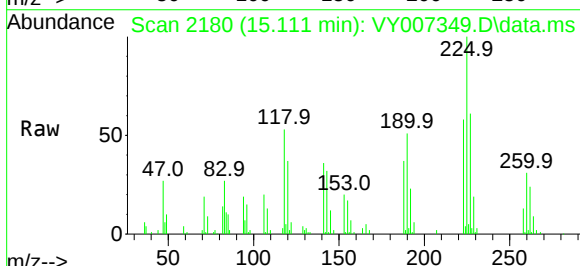
RT: 15.111 min Scan# 2180

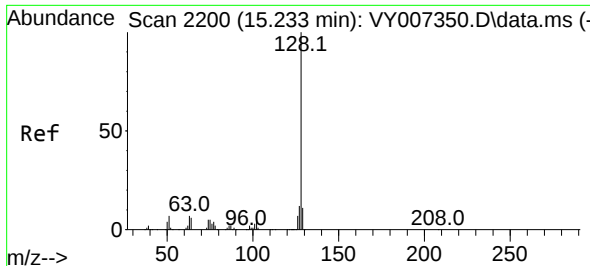
Delta R.T. -0.000 min

Lab File: VY007349.D

Acq: 02 Feb 2022 12:02

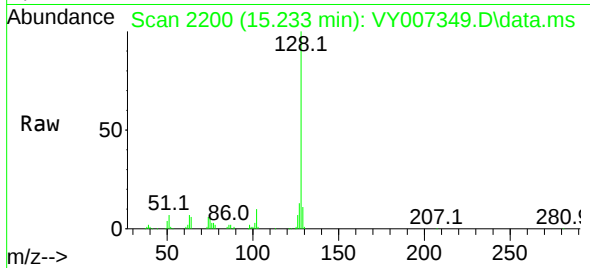
Tgt Ion:225	Resp:	19767
Ion Ratio	Lower	Upper
225	100	
223	62.1	30.8 92.3
227	63.6	31.6 94.7





#95
Naphthalene
Concen: 20.530 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

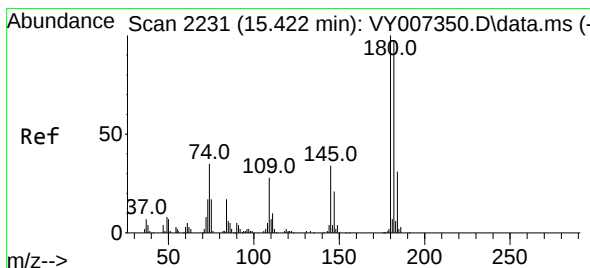
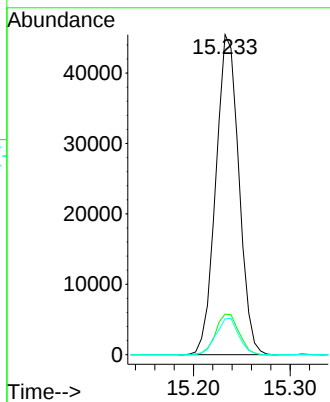
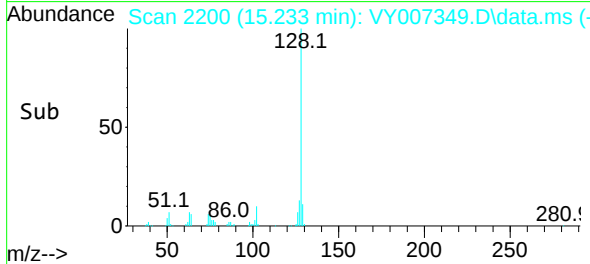
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 75150
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.2 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: 20.109 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007349.D
Acq: 02 Feb 2022 12:02

Tgt Ion:180 Resp: 29899
Ion Ratio Lower Upper
180 100
182 91.2 47.3 141.9
145 34.0 15.3 45.9

