

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007491.D
 Acq On : 14 Feb 2022 12:05
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 15 03:45:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31208	21.498	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.000%		
35) Dibromofluoromethane	7.722	113	29349	21.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.640%		
50) Toluene-d8	10.185	98	109100	20.845	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	41.680%		
62) 4-Bromofluorobenzene	12.483	95	36944	20.691	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	32204	21.818	ug/l	96
3) Chloromethane	2.119	50	31900	22.052	ug/l	98
4) Vinyl Chloride	2.259	62	33603	23.171	ug/l	98
5) Bromomethane	2.656	94	19512	18.869	ug/l	94
6) Chloroethane	2.802	64	17789	20.328	ug/l	97
7) Trichlorofluoromethane	3.131	101	59616	21.348	ug/l	95
8) Diethyl Ether	3.540	74	17454	21.798	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.912	101	32930	21.361	ug/l	95
10) Methyl Iodide	4.107	142	39060	21.230	ug/l	94
11) Tert butyl alcohol	4.966	59	12875	112.256	ug/l #	90
12) 1,1-Dichloroethene	3.887	96	30291	21.198	ug/l	81
13) Acrolein	3.741	56	14514	128.868	ug/l	99
14) Allyl chloride	4.491	41	42718	21.302	ug/l #	90
15) Acrylonitrile	5.174	53	39818	113.684	ug/l	99
16) Acetone	3.954	43	39021	101.301	ug/l	95
17) Carbon Disulfide	4.204	76	91038	22.198	ug/l	100
18) Methyl Acetate	4.485	43	18121	22.093	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	86502	21.868	ug/l	97
20) Methylene Chloride	4.735	84	34116	21.358	ug/l #	80
21) trans-1,2-Dichloroethene	5.234	96	33808	21.729	ug/l #	81
22) Diisopropyl ether	6.131	45	94073	22.589	ug/l #	92
23) Vinyl Acetate	6.070	43	299765	112.652	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	57830	22.153	ug/l	98
25) 2-Butanone	6.996	43	51897	109.538	ug/l #	79
26) 2,2-Dichloropropane	6.990	77	56312	21.354	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	37545	21.657	ug/l	89
28) Bromochloromethane	7.344	49	21468	21.476	ug/l #	82
29) Tetrahydrofuran	7.356	42	32275	117.188	ug/l #	86
30) Chloroform	7.515	83	61257	21.615	ug/l	100
31) Cyclohexane	7.795	56	55060	21.566	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	57779	21.238	ug/l	95
36) 1,1-Dichloropropene	7.923	75	47632	21.492	ug/l	98
37) Ethyl Acetate	7.082	43	23034	23.221	ug/l #	95
38) Carbon Tetrachloride	7.911	117	52810	20.835	ug/l	98
39) Methylcyclohexane	9.191	83	62094	21.667	ug/l	87
40) Benzene	8.167	78	130740	21.509	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007491.D
 Acq On : 14 Feb 2022 12:05
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 15 03:45:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	13447m	17.935	ug/l	
42) 1,2-Dichloroethane	8.246	62	39273	21.004	ug/l	91
43) Isopropyl Acetate	8.283	43	44717	22.184	ug/l #	91
44) Trichloroethene	8.947	130	36596	21.048	ug/l	95
45) 1,2-Dichloropropane	9.222	63	31550	21.952	ug/l	98
46) Dibromomethane	9.307	93	19493	21.777	ug/l	92
47) Bromodichloromethane	9.502	83	47041	21.606	ug/l	100
48) Methyl methacrylate	9.301	41	20660	23.247	ug/l #	89
49) 1,4-Dioxane	9.307	88	4130	425.421	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	113482	113.597	ug/l	90
52) Toluene	10.246	92	83615	21.345	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	49038	21.536	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	54509	21.438	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	25454	21.161	ug/l	97
56) Ethyl methacrylate	10.514	69	35035	21.904	ug/l	85
57) 1,3-Dichloropropane	10.794	76	44858	21.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	87303	104.398	ug/l	93
59) 2-Hexanone	10.837	43	80561	111.696	ug/l	91
60) Dibromochloromethane	10.983	129	31585	20.873	ug/l	98
61) 1,2-Dibromoethane	11.093	107	25562	21.532	ug/l	99
64) Tetrachloroethene	10.727	164	32140	21.222	ug/l	98
65) Chlorobenzene	11.520	112	88885	21.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32754	20.603	ug/l	98
67) Ethyl Benzene	11.593	91	166112	21.214	ug/l	99
68) m/p-Xylenes	11.703	106	125530	42.304	ug/l	97
69) o-Xylene	12.032	106	57776	20.464	ug/l	99
70) Styrene	12.050	104	97528	21.096	ug/l	98
71) Bromoform	12.209	173	18170	20.702	ug/l #	100
73) Isopropylbenzene	12.331	105	161536	20.781	ug/l	99
74) N-amyl acetate	12.148	43	38716	22.280	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	27906	21.036	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20544m	17.723	ug/l	
77) Bromobenzene	12.611	156	33954	20.298	ug/l	99
78) n-propylbenzene	12.672	91	194760	20.862	ug/l	100
79) 2-Chlorotoluene	12.758	91	106706	20.710	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	134554	20.902	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10424	21.323	ug/l	89
82) 4-Chlorotoluene	12.861	91	108697	20.527	ug/l	99
83) tert-Butylbenzene	13.075	119	118541	21.053	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	132159	21.238	ug/l	97
85) sec-Butylbenzene	13.257	105	173977	20.998	ug/l	99
86) p-Isopropyltoluene	13.373	119	143330	20.973	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	67424	20.717	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	66746	20.673	ug/l	98
89) n-Butylbenzene	13.696	91	136014	20.896	ug/l	99
90) Hexachloroethane	13.965	117	26342	20.188	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	59338	20.684	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4712	20.867	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	35132	20.326	ug/l	98
94) Hexachlorobutadiene	15.117	225	20115	20.033	ug/l	99
95) Naphthalene	15.239	128	76952	20.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30099	20.166	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
Data File : VY007491.D
Acq On : 14 Feb 2022 12:05
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

Quant Time: Feb 15 03:45:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 03:43:03 2022
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

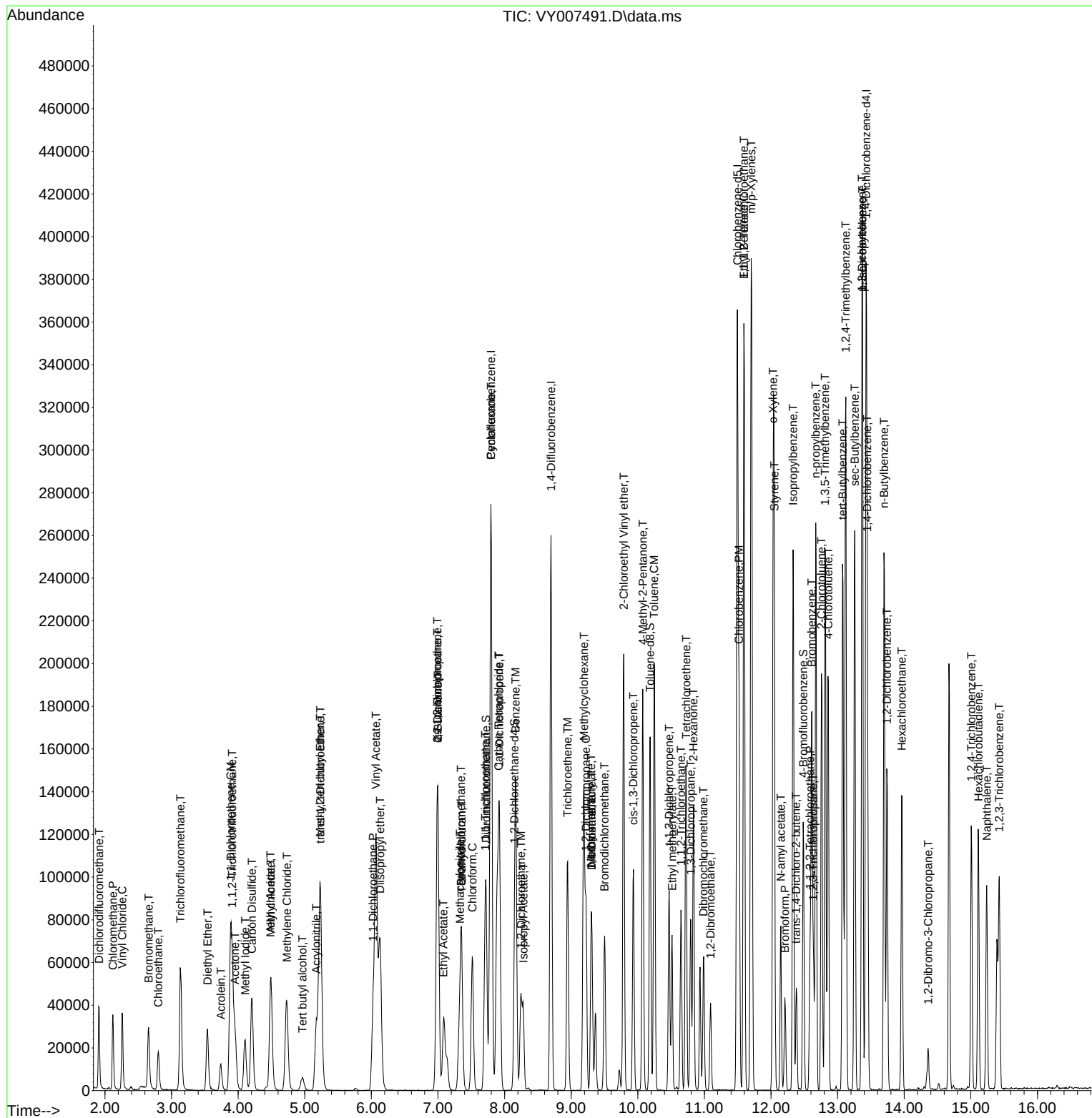
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
Data File : VY007491.D
Acq On : 14 Feb 2022 12:05
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 6 Sample Multiplier: 1

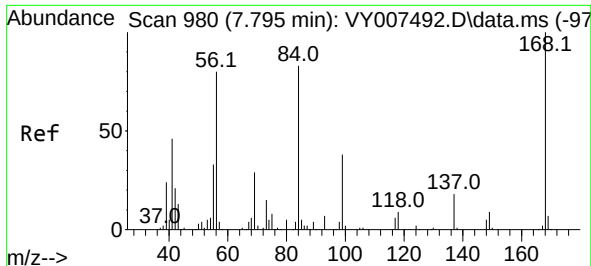
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Quant Time: Feb 15 03:45:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 03:43:03 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

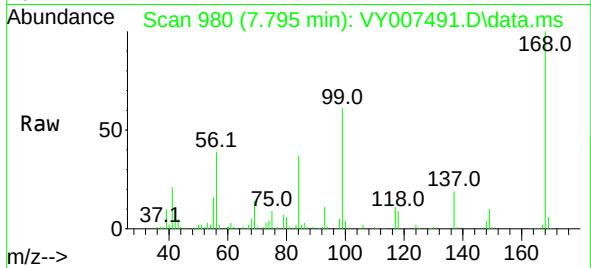
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

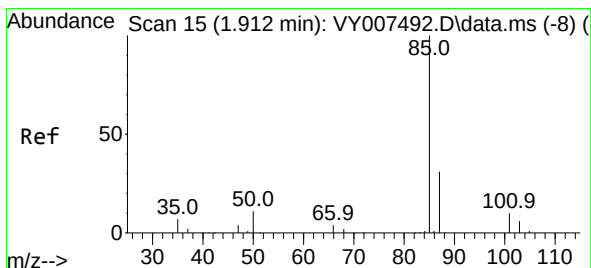
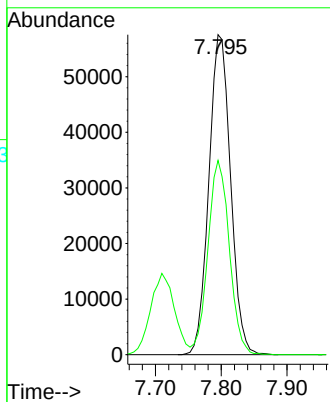
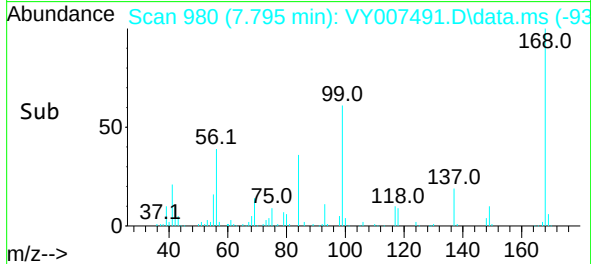
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 132374
Ion Ratio Lower Upper
168 100
99 60.7 46.9 70.3

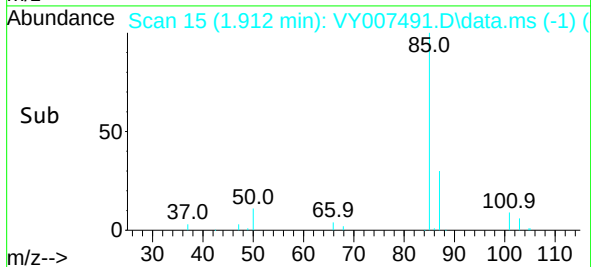
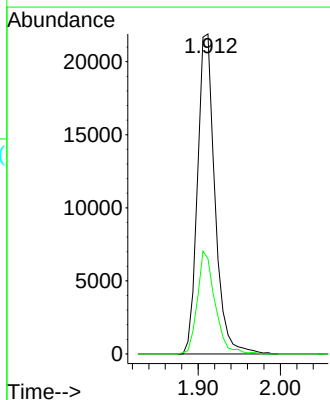
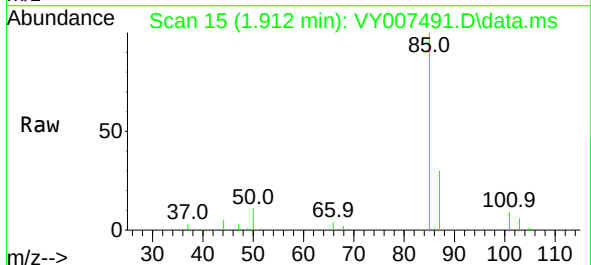
Manual Integrations
APPROVED

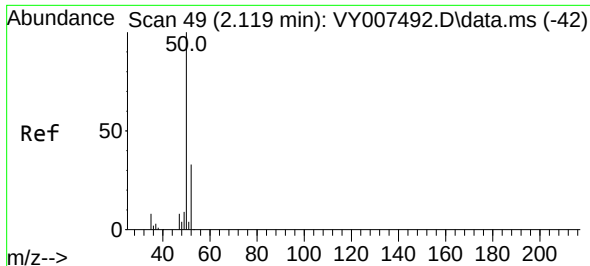
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#2
Dichlorodifluoromethane
Concen: 21.818 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

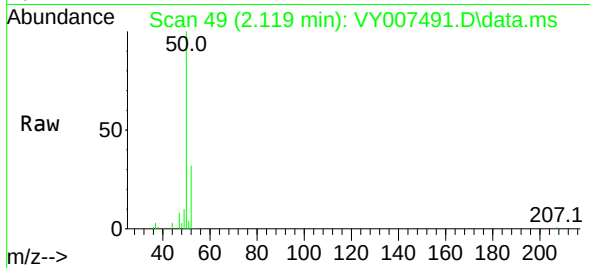
Tgt Ion: 85 Resp: 32204
Ion Ratio Lower Upper
85 100
87 29.8 16.1 48.2





#3
Chloromethane
Concen: 22.052 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

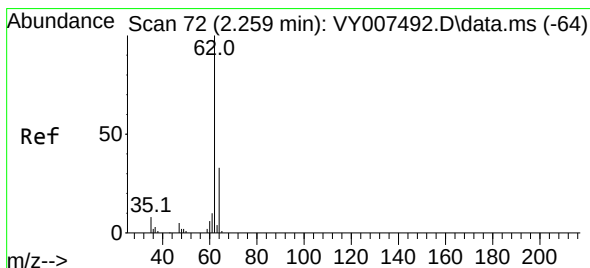
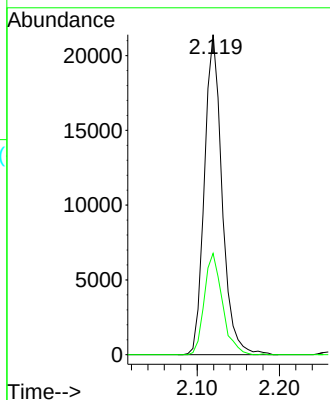
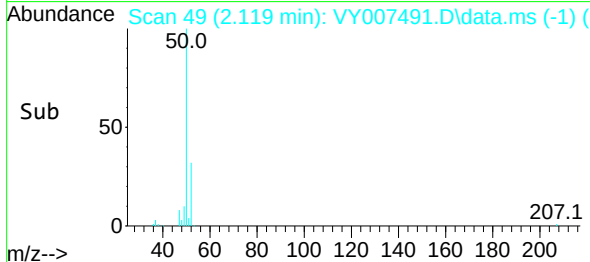
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 31900
Ion Ratio Lower Upper
50 100
52 31.6 24.6 37.0

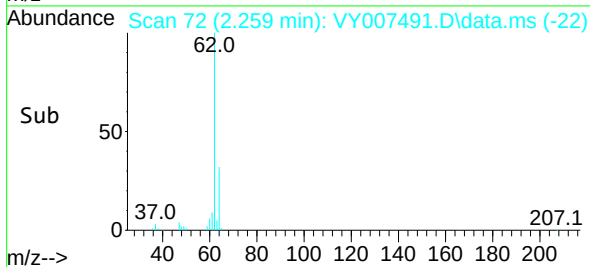
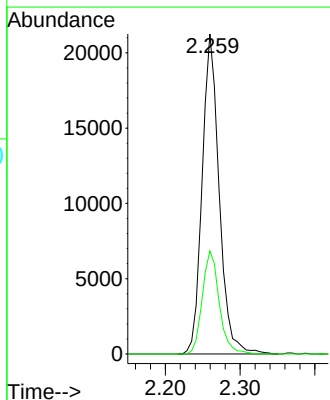
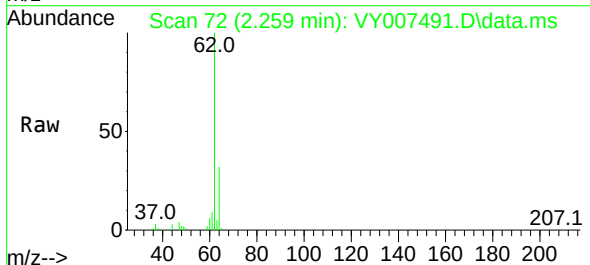
Manual Integrations
APPROVED

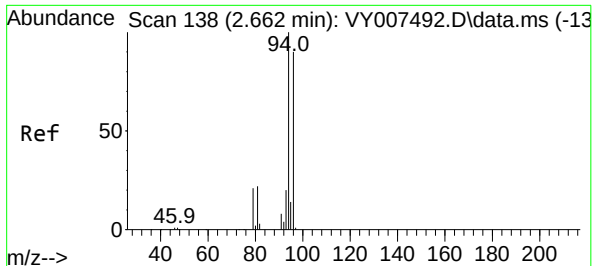
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#4
Vinyl Chloride
Concen: 23.171 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

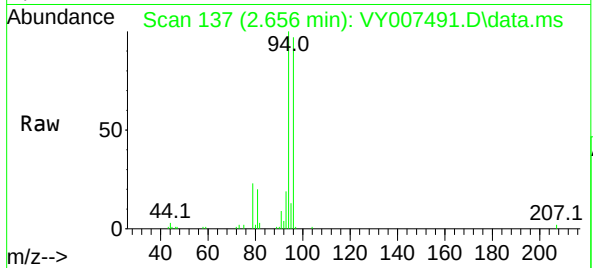
Tgt Ion: 62 Resp: 33603
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 18.869 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

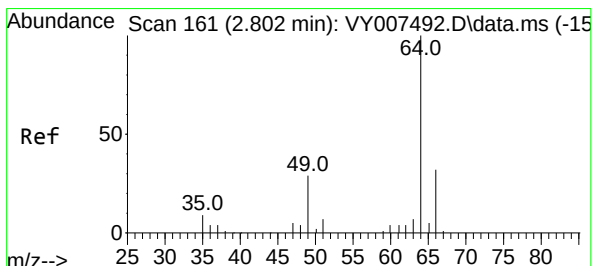
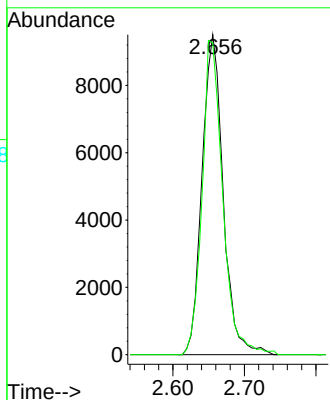
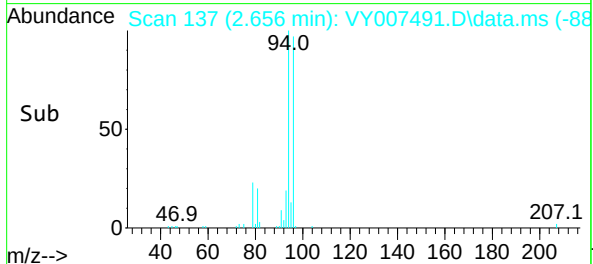
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 94 Resp: 1951
Ion Ratio Lower Upper
94 100
96 97.4 73.5 110.3

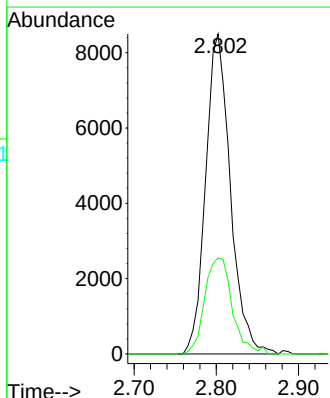
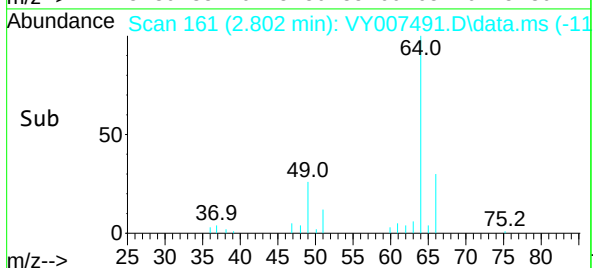
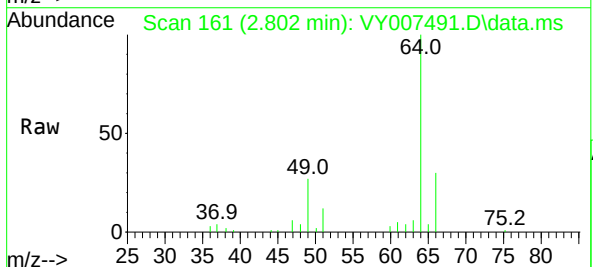
Manual Integrations
APPROVED

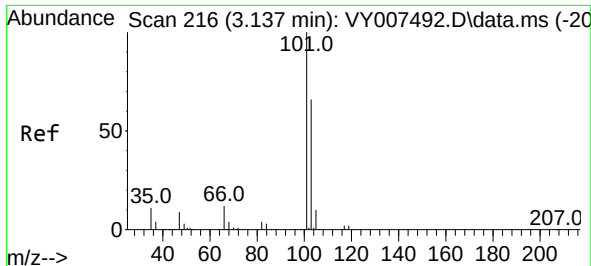
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#6
Chloroethane
Concen: 20.328 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 64 Resp: 17789
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0





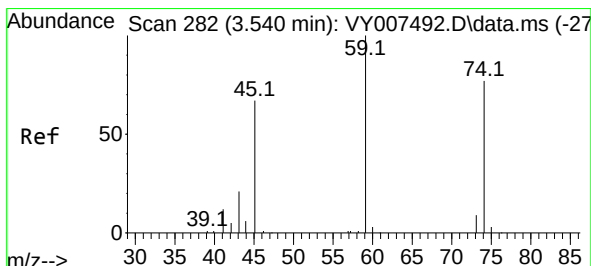
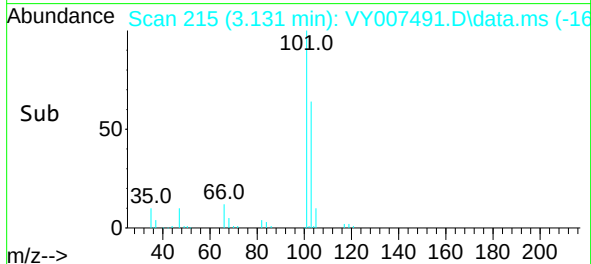
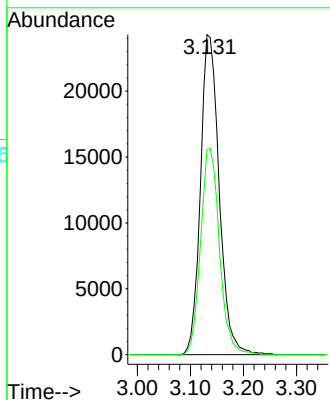
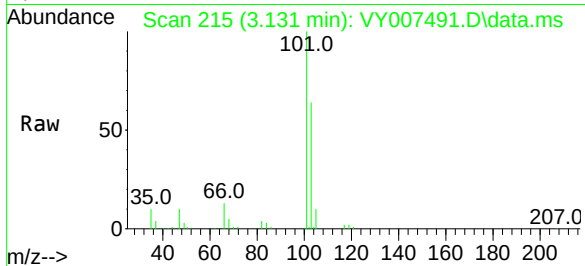
#7
Trichlorofluoromethane
Concen: 21.348 ug/l
RT: 3.131 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 59610
Ion Ratio Lower Upper
101 100
103 64.1 48.0 72.0

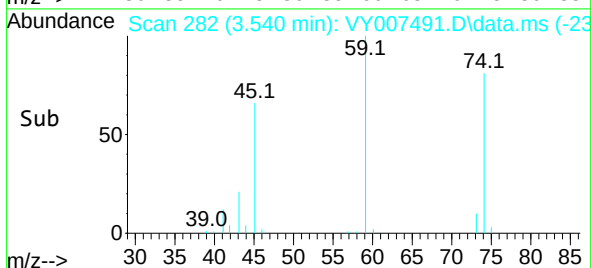
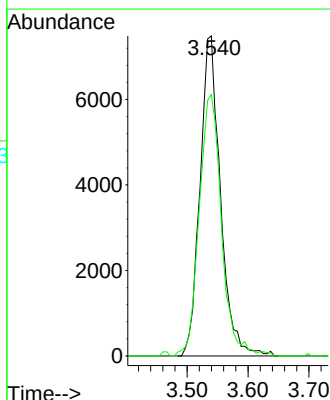
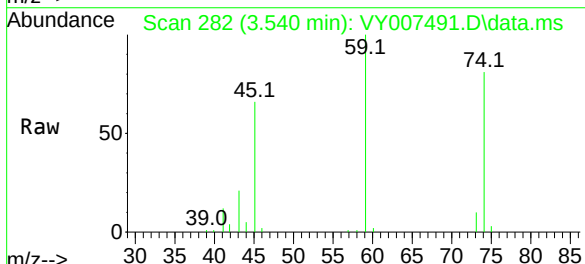
Manual Integrations
APPROVED

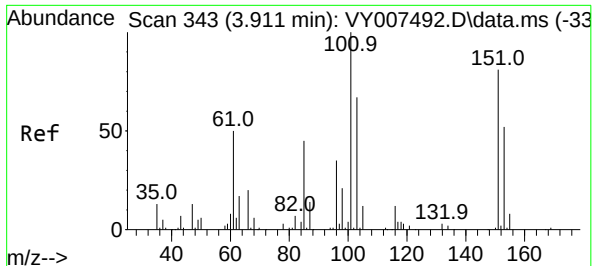
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#8
Diethyl Ether
Concen: 21.798 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 74 Resp: 17454
Ion Ratio Lower Upper
74 100
45 88.5 55.1 165.5





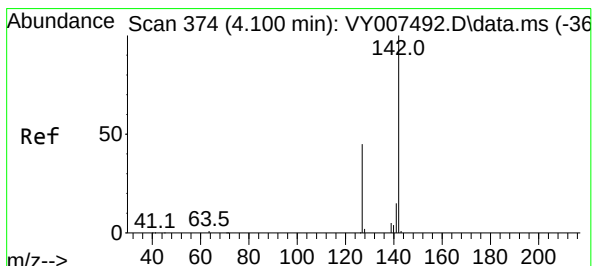
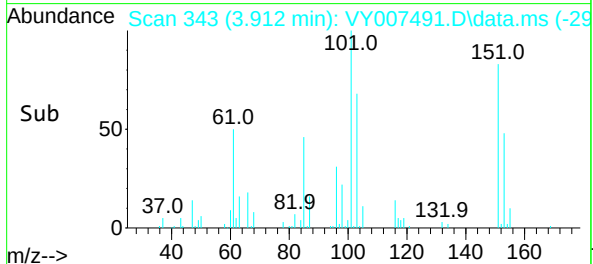
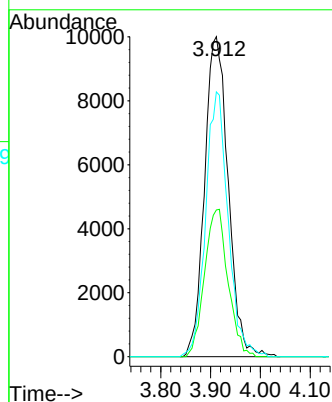
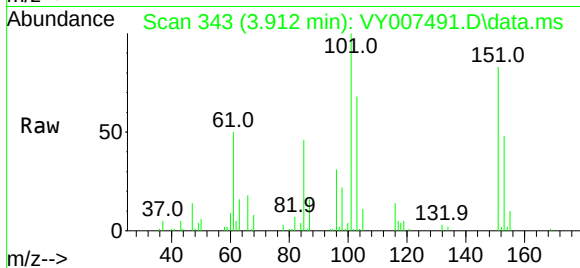
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.361 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 32930
Ion Ratio Lower Upper
101 100
85 45.6 40.6 60.8
151 78.6 64.9 97.3

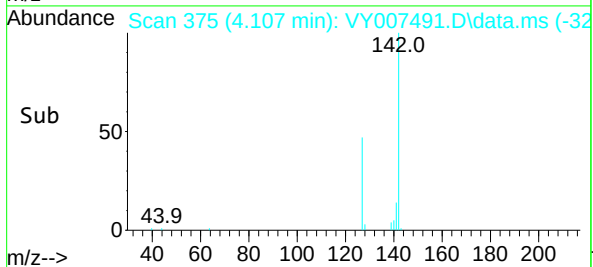
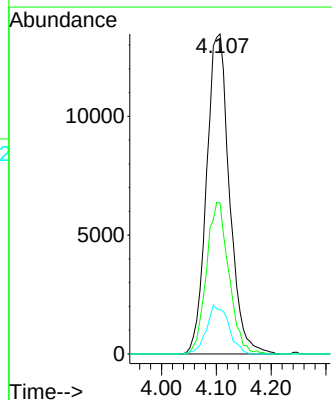
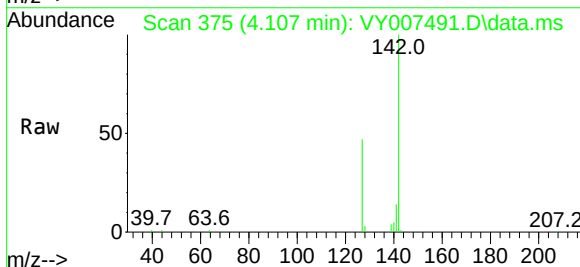
Manual Integrations
APPROVED

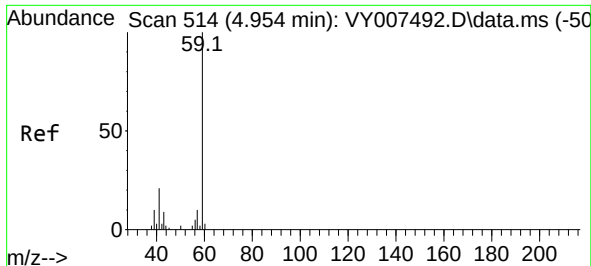
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 21.230 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion:142 Resp: 39060
Ion Ratio Lower Upper
142 100
127 46.5 41.5 62.3
141 14.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 112.256 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.018 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 1287

Ion Ratio Lower Upper

59 100

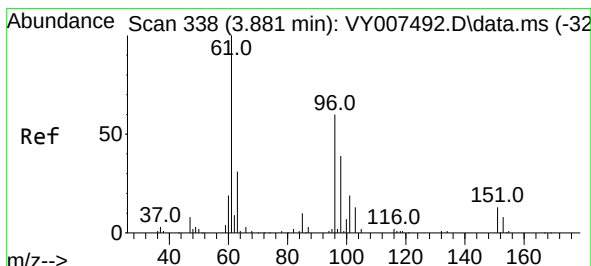
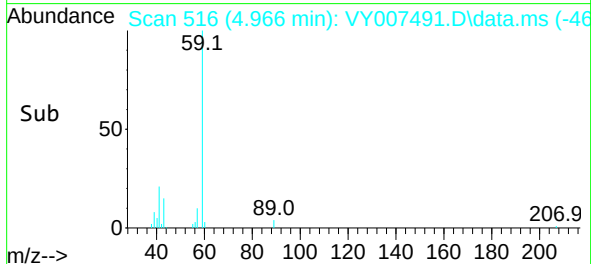
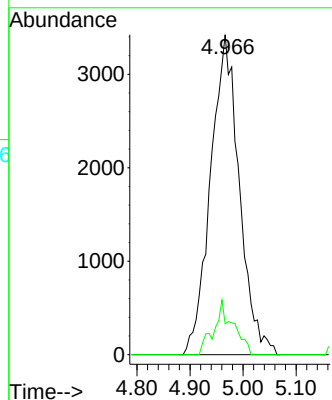
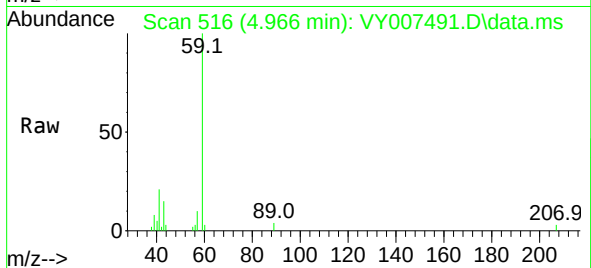
57 11.5 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 21.198 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

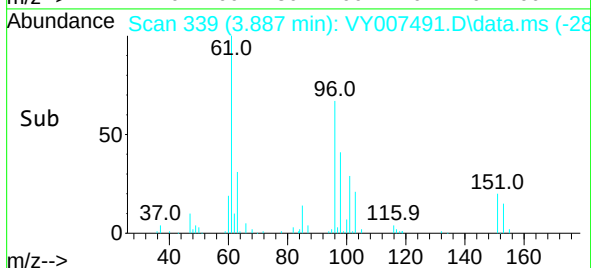
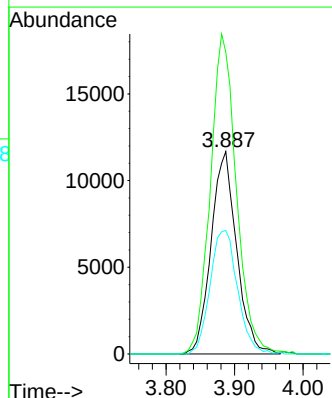
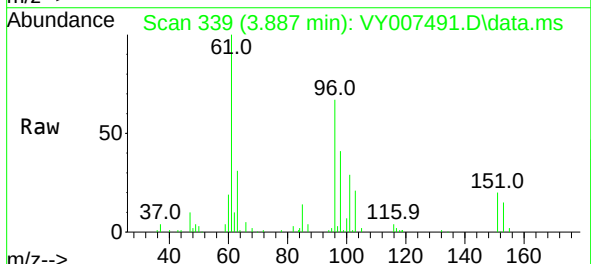
Tgt Ion: 96 Resp: 30291

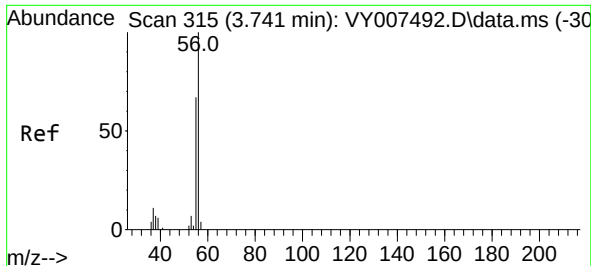
Ion Ratio Lower Upper

96 100

61 149.1 145.8 218.6

98 61.0 52.5 78.7





#13

Acrolein

Concen: 128.868 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 14514

Ion Ratio Lower Upper

56 100

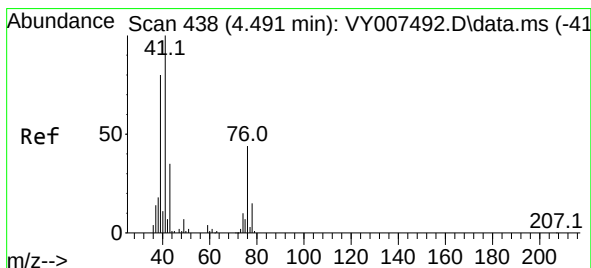
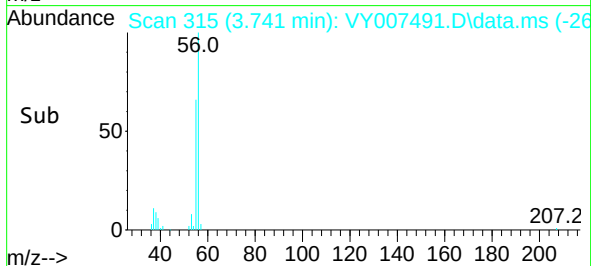
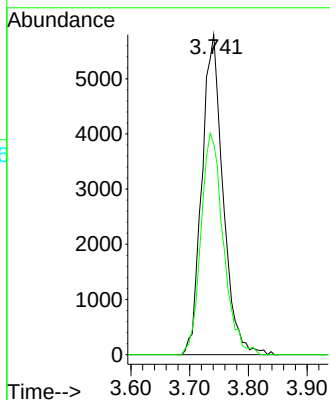
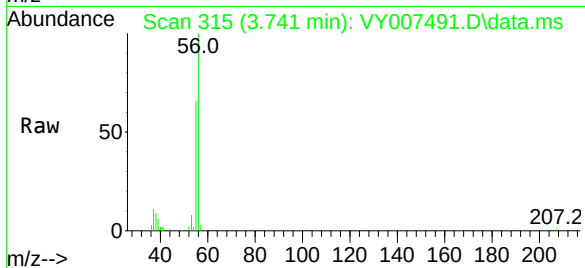
55 72.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#14

Allyl chloride

Concen: 21.302 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

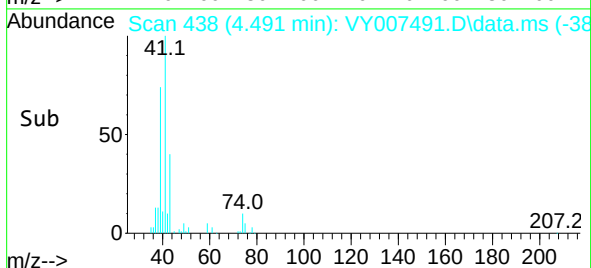
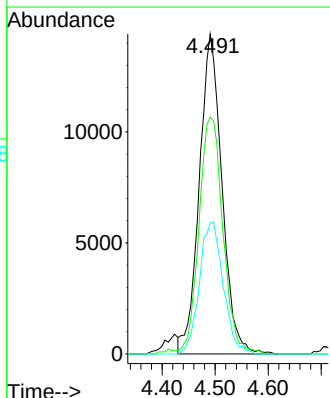
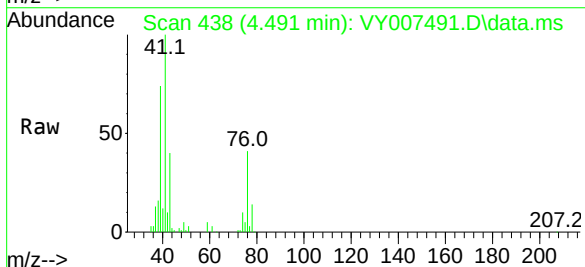
Tgt Ion: 41 Resp: 42718

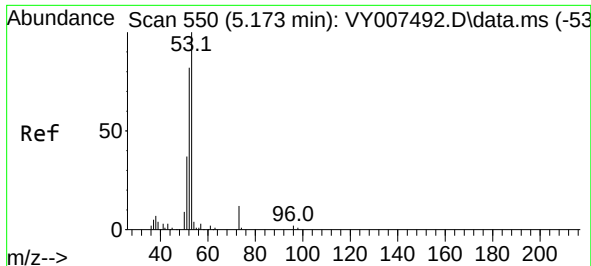
Ion Ratio Lower Upper

41 100

39 78.2 58.8 88.2

76 43.4 25.1 37.7#





#15

Acrylonitrile

Concen: 113.684 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

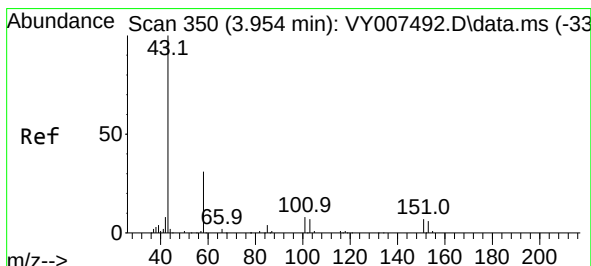
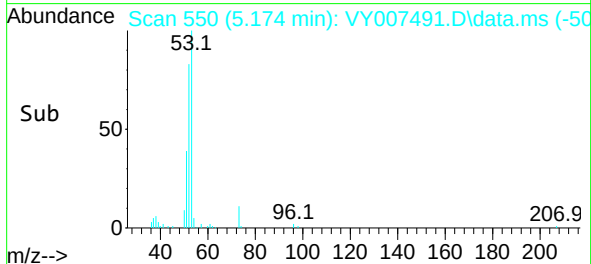
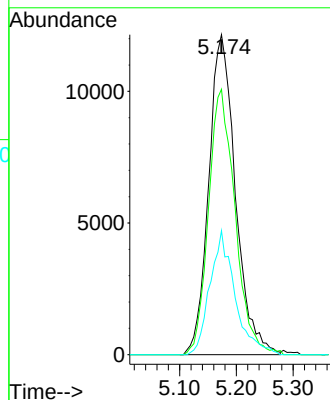
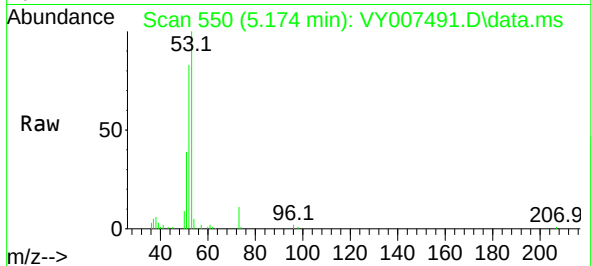
Tgt Ion:	53	Resp:	39818
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	36.4	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#16

Acetone

Concen: 101.301 ug/l

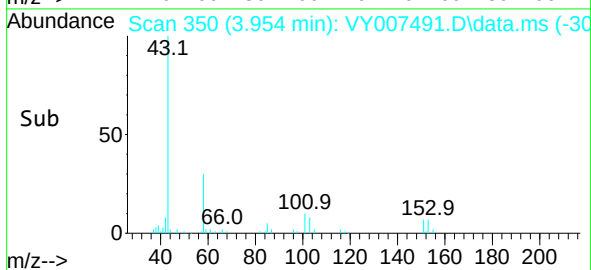
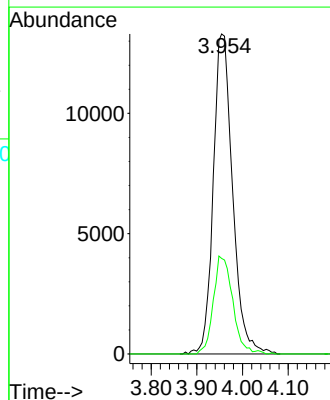
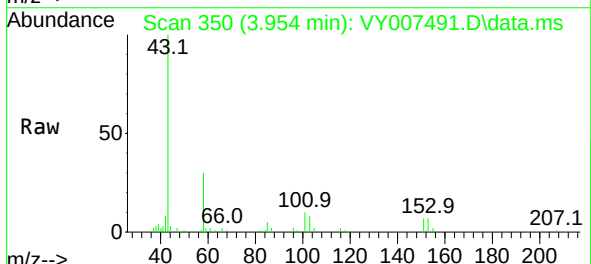
RT: 3.954 min Scan# 350

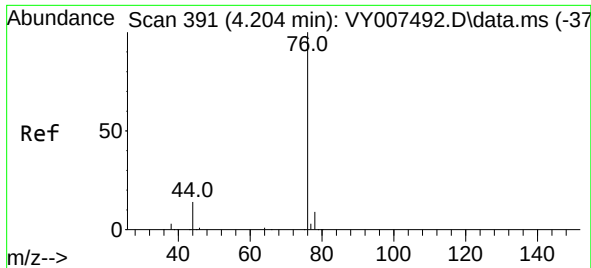
Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

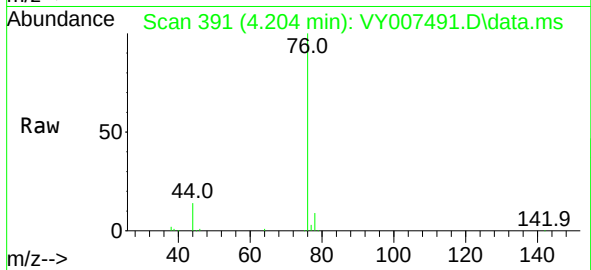
Tgt Ion:	43	Resp:	39021
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.0	33.0





#17
Carbon Disulfide
Concen: 22.198 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

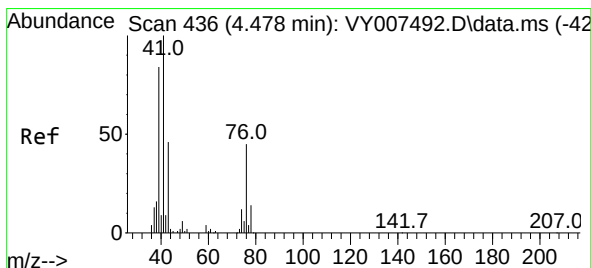
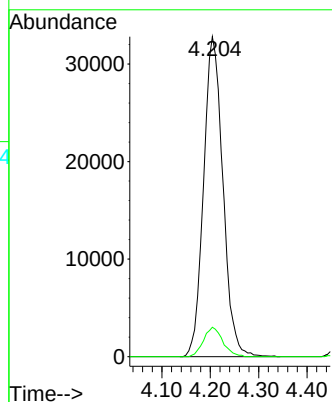
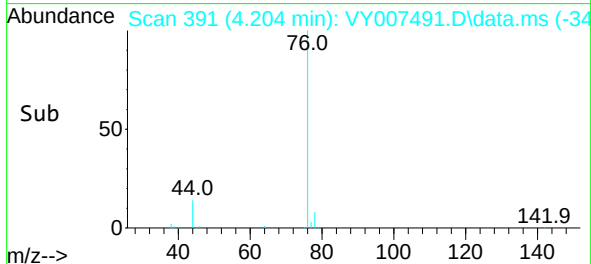
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



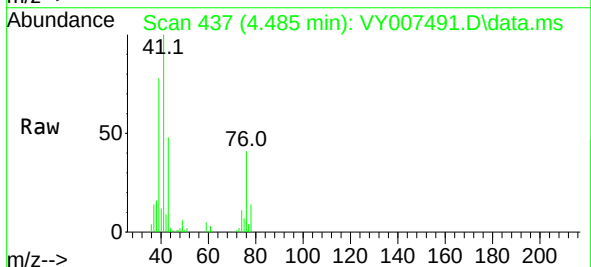
Tgt Ion: 76 Resp: 91038
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

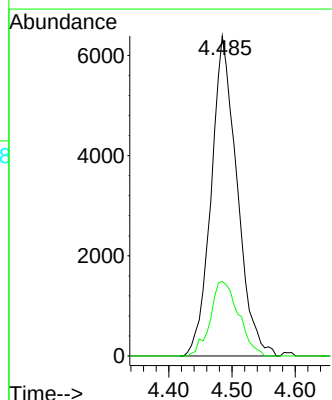
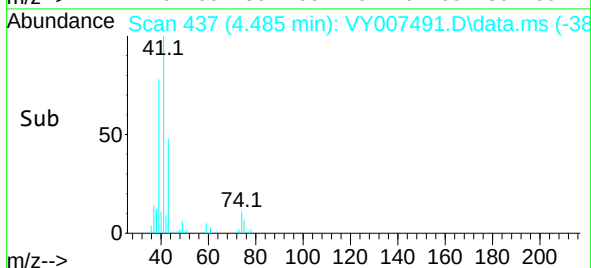
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

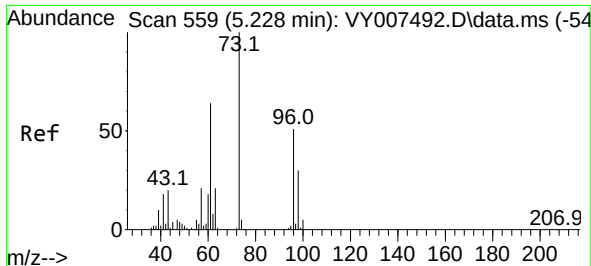


#18
Methyl Acetate
Concen: 22.093 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



Tgt Ion: 43 Resp: 18121
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 21.868 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 8650

Ion Ratio Lower Upper

73 100

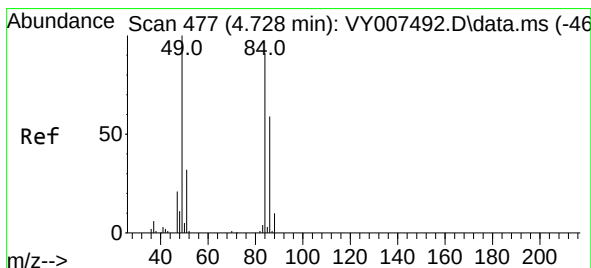
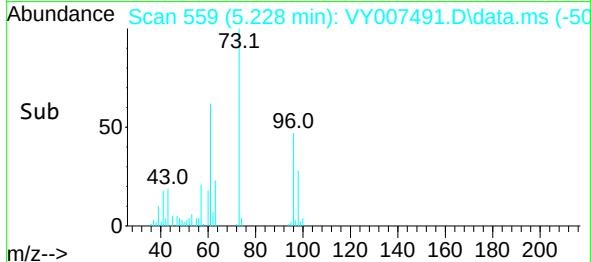
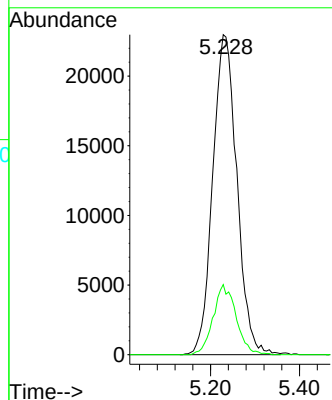
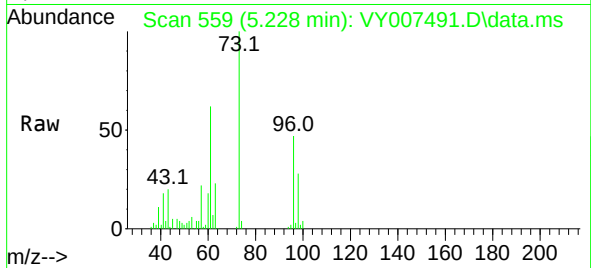
57 21.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#20

Methylene Chloride

Concen: 21.358 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.013 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion: 84 Resp: 34116

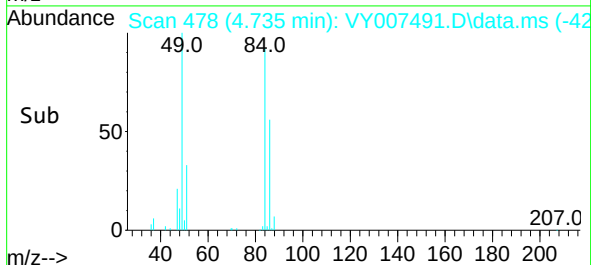
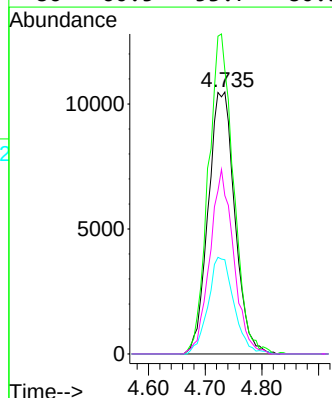
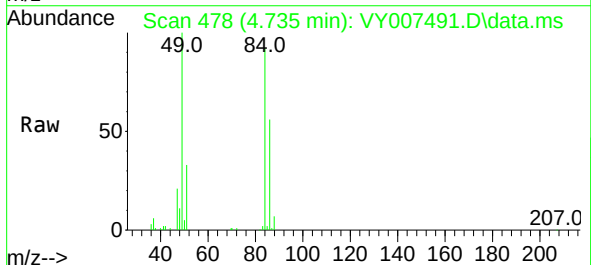
Ion Ratio Lower Upper

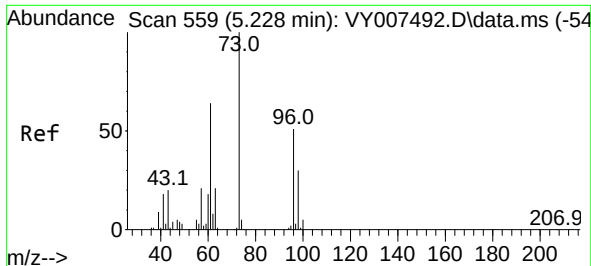
84 100

49 108.4 114.4 171.6#

51 36.0 35.3 52.9

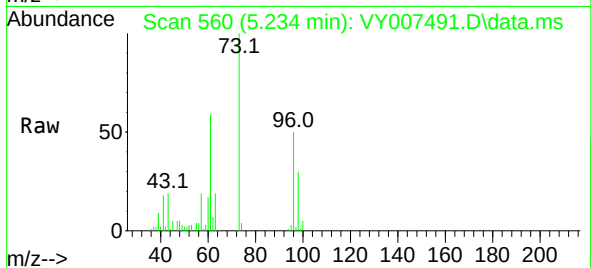
86 60.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 21.729 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

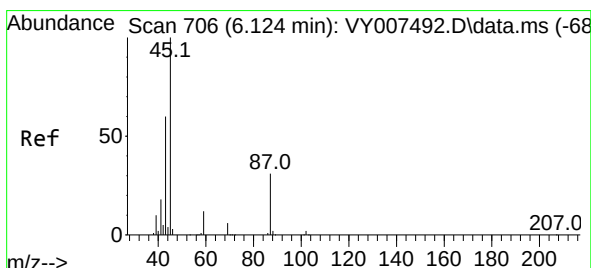
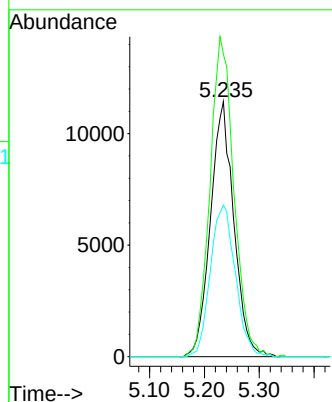
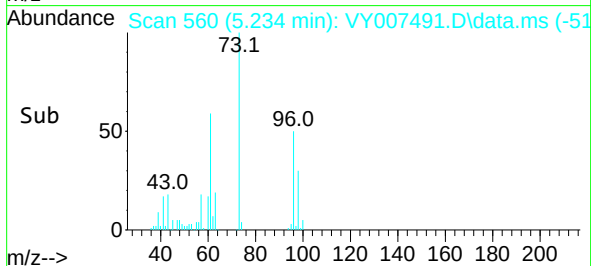
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 33808
Ion Ratio Lower Upper
96 100
61 118.5 120.5 180.7
98 59.4 49.8 74.8

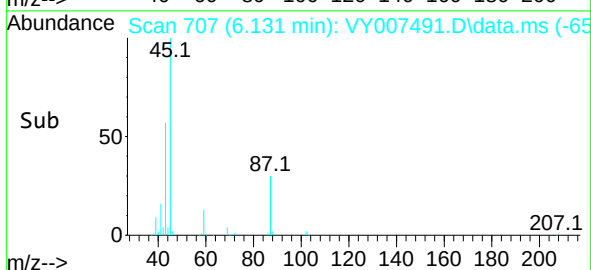
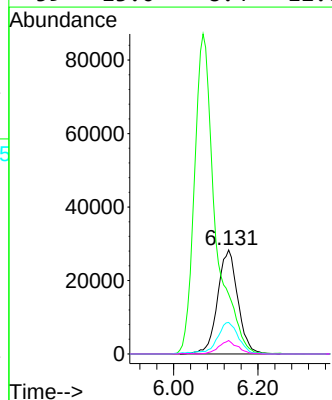
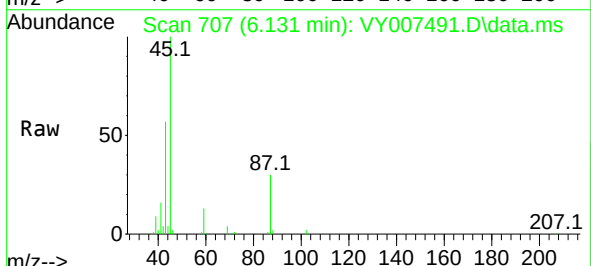
Manual Integrations
APPROVED

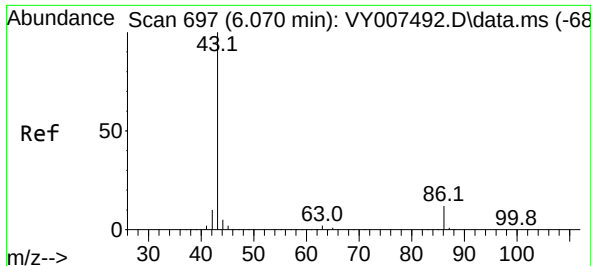
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#22
Diisopropyl ether
Concen: 22.589 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 45 Resp: 94073
Ion Ratio Lower Upper
45 100
43 56.7 49.3 73.9
87 30.3 19.2 28.8#
59 13.0 8.4 12.6#





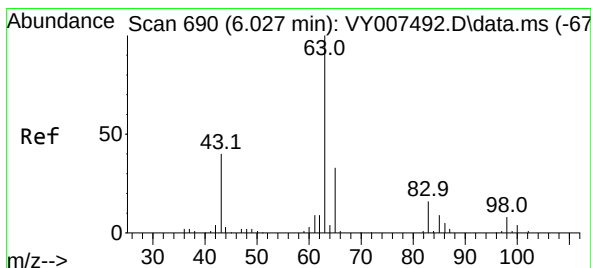
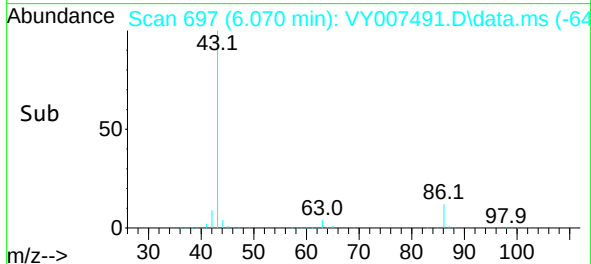
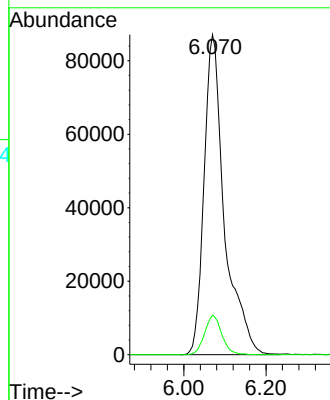
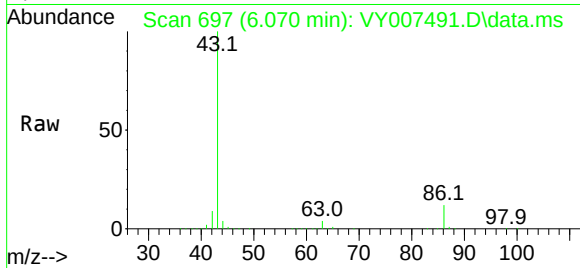
#23
 Vinyl Acetate
 Concen: 112.652 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 29976
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.1 10.7

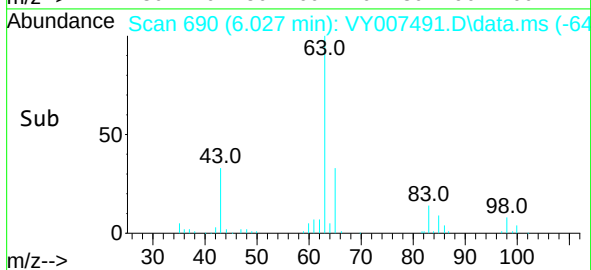
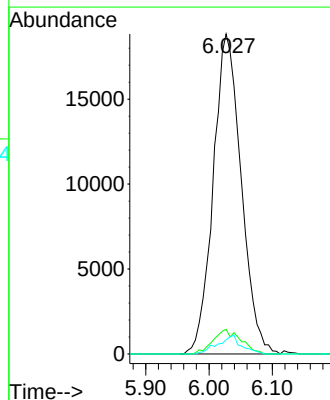
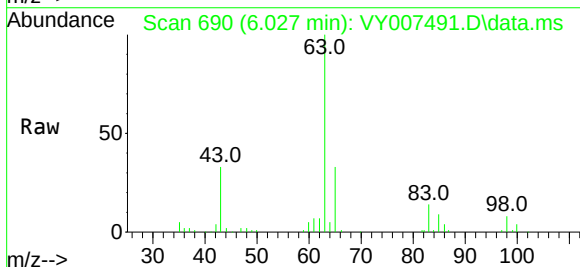
Manual Integrations
 APPROVED

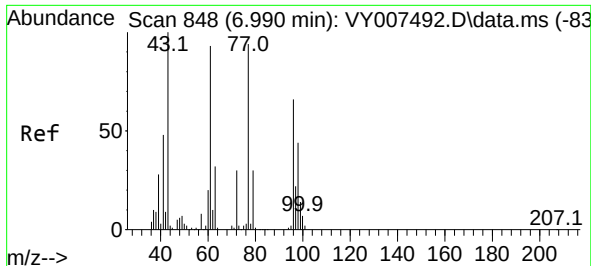
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 22.153 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

Tgt Ion: 63 Resp: 57830
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.5 2.0 5.8





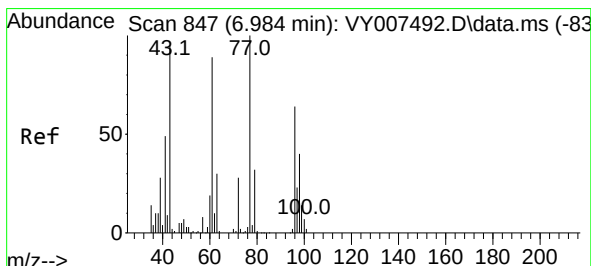
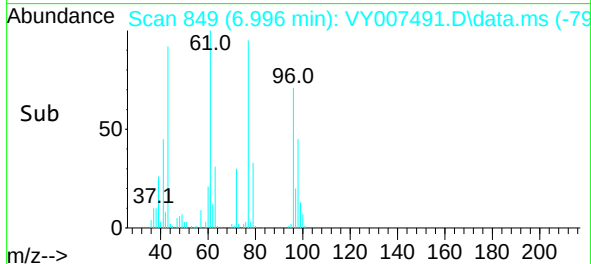
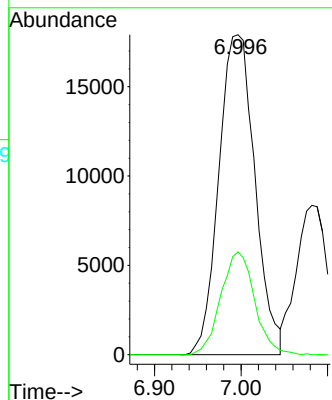
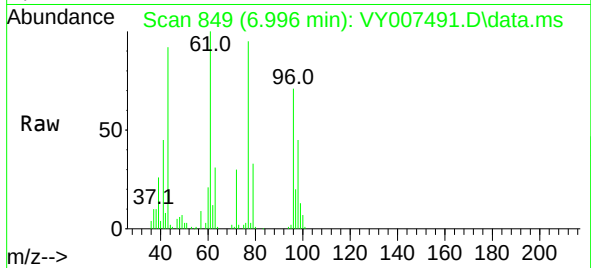
#25
2-Butanone
Concen: 109.538 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5189
Ion Ratio Lower Upper
43 100
72 32.1 17.7 26.5

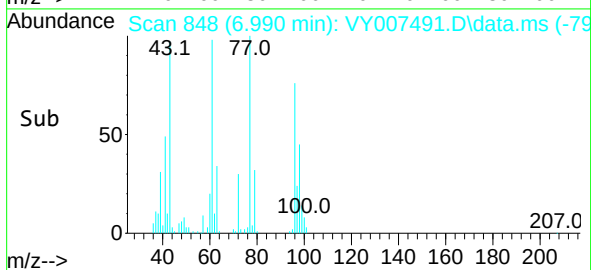
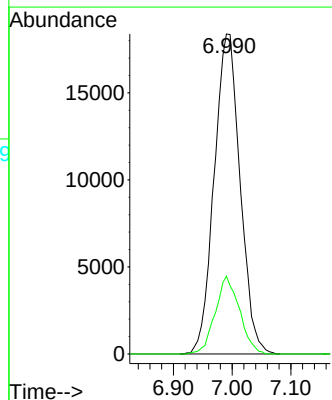
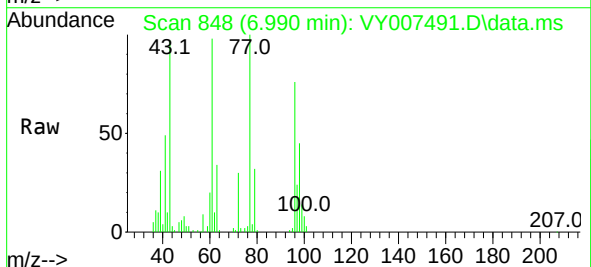
Manual Integrations
APPROVED

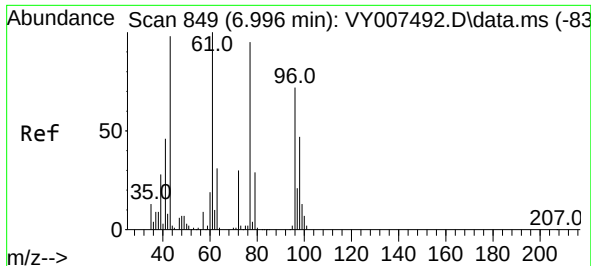
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#26
2,2-Dichloropropane
Concen: 21.354 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

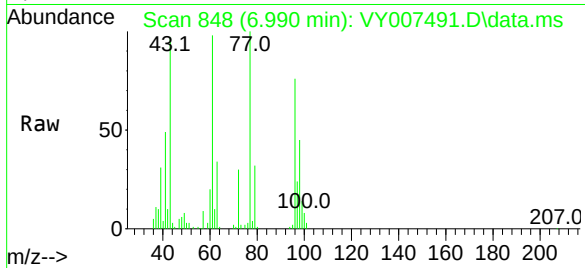
Tgt Ion: 77 Resp: 56312
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 21.657 ug/l
 RT: 6.990 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

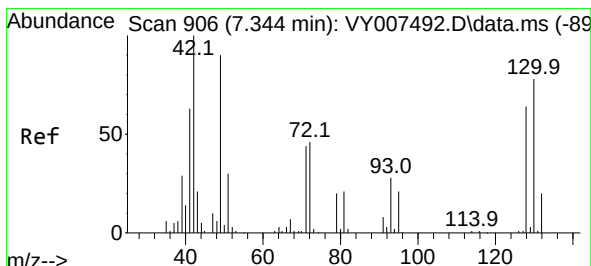
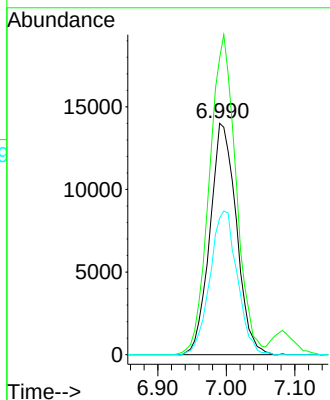
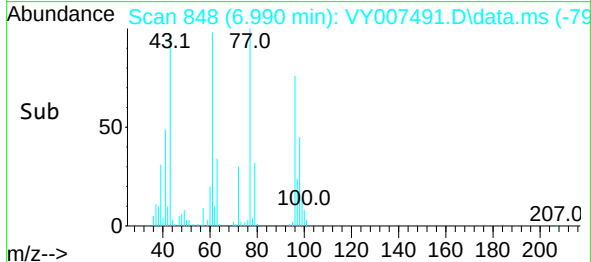
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 37549
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 319.8
 98 64.1 0.0 127.0

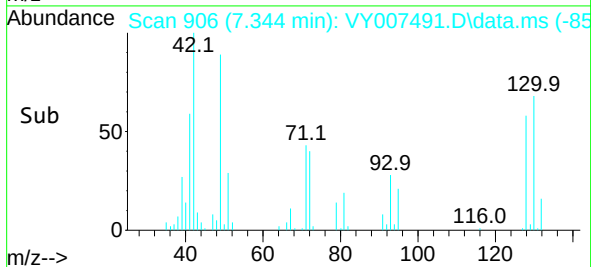
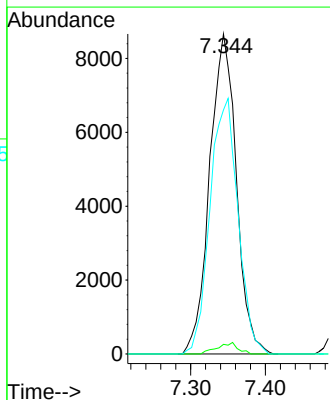
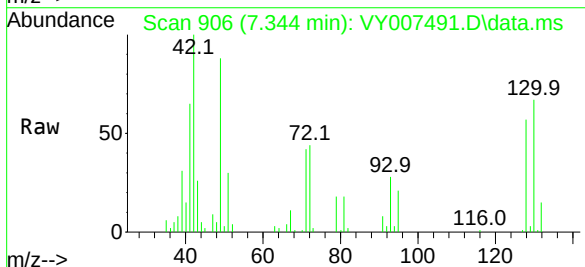
Manual Integrations
 APPROVED

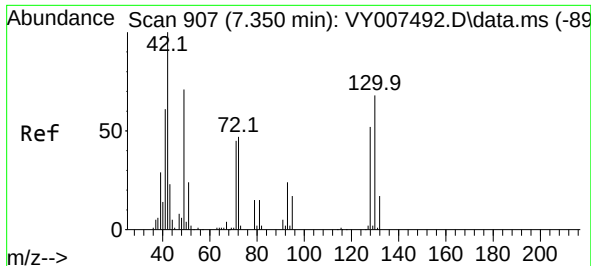
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#28
 Bromochloromethane
 Concen: 21.476 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

Tgt Ion: 49 Resp: 21468
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 2.2#
 130 83.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 117.188 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

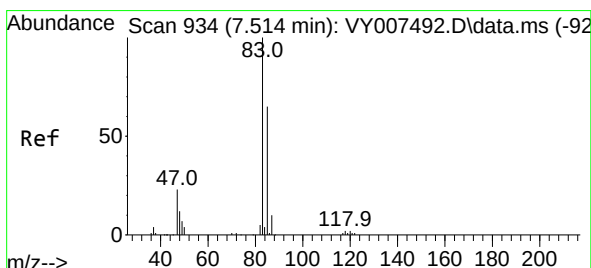
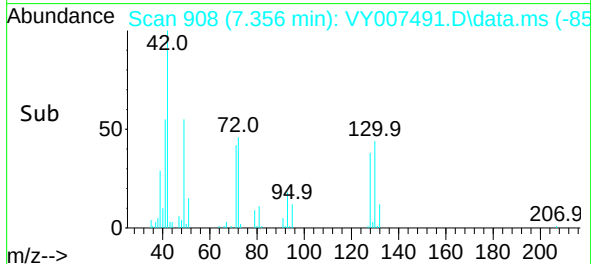
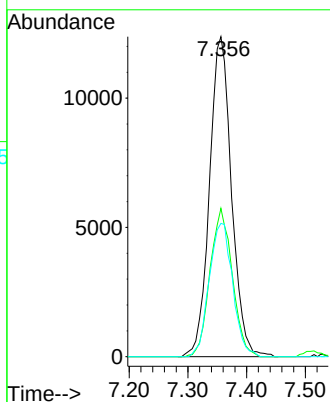
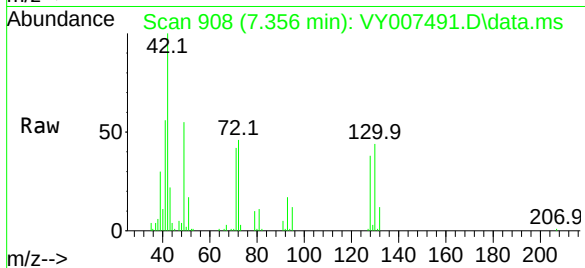
Tgt Ion:	42	Resp:	3227
Ion Ratio	Lower	Upper	
42	100		
72	46.8	30.3	45.5
71	44.3	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 21.615 ug/l

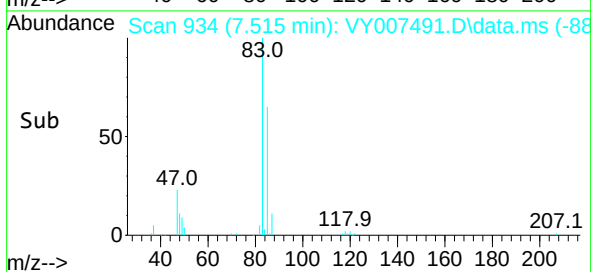
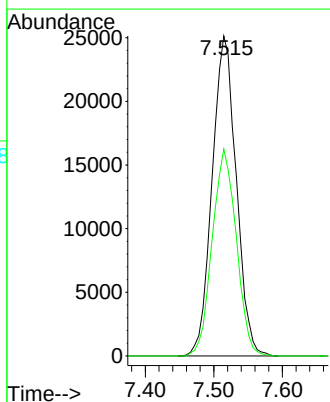
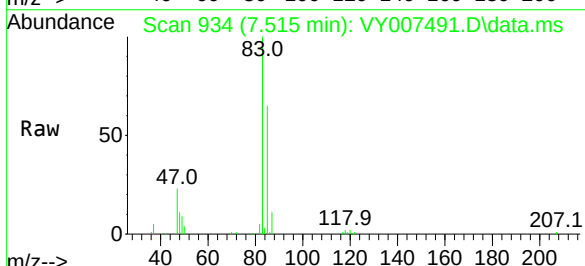
RT: 7.515 min Scan# 934

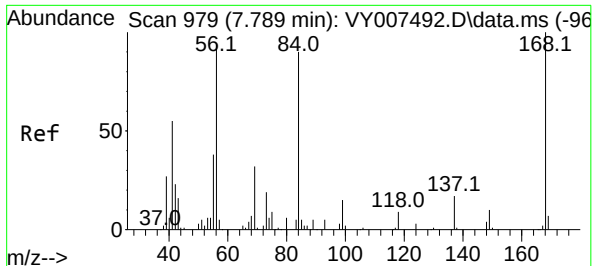
Delta R.T. 0.007 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

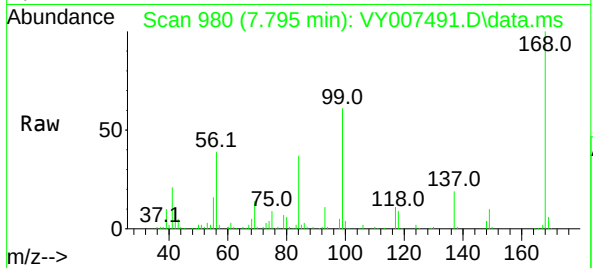
Tgt Ion:	83	Resp:	61257
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.8	77.6





#31
Cyclohexane
Concen: 21.566 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

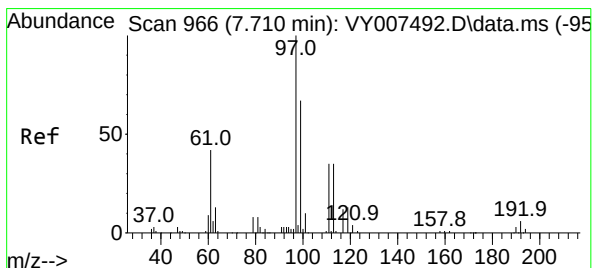
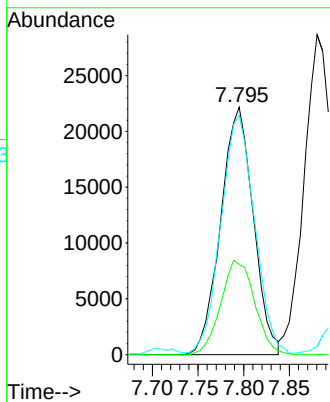
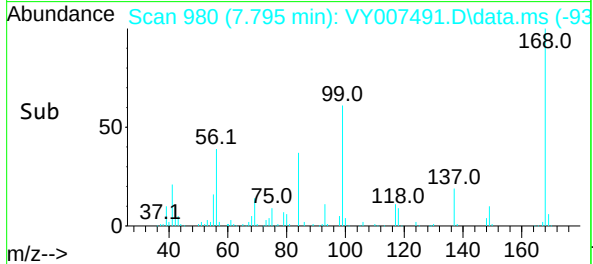
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 55060
Ion Ratio Lower Upper
56 100
69 36.4 26.7 40.1
84 95.5 67.2 100.8

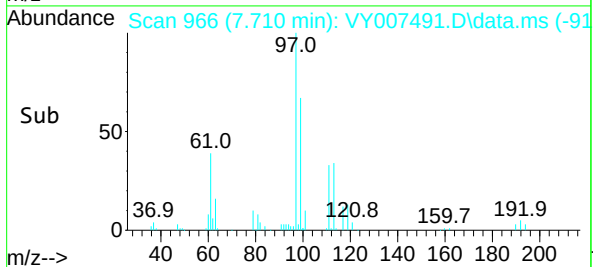
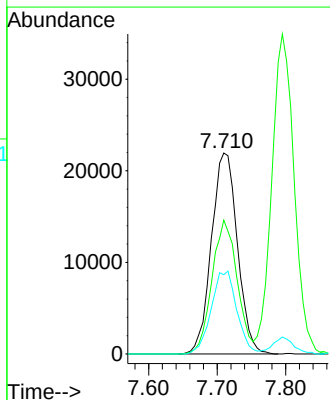
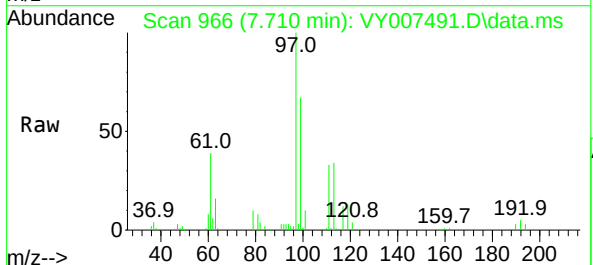
Manual Integrations
APPROVED

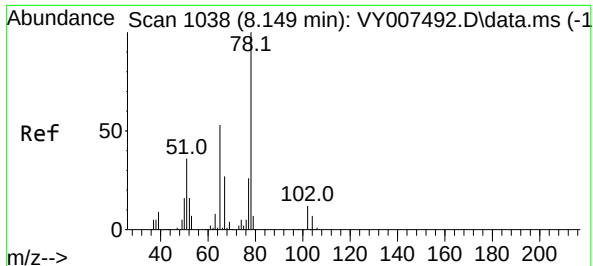
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#32
1,1,1-Trichloroethane
Concen: 21.238 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 97 Resp: 57779
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 40.6 37.6 56.4





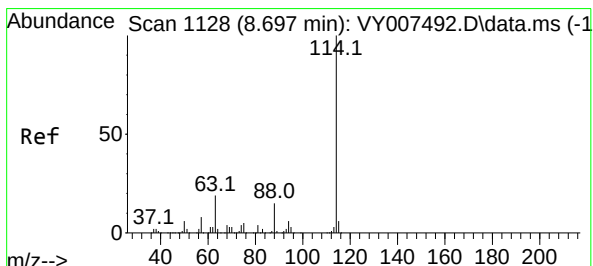
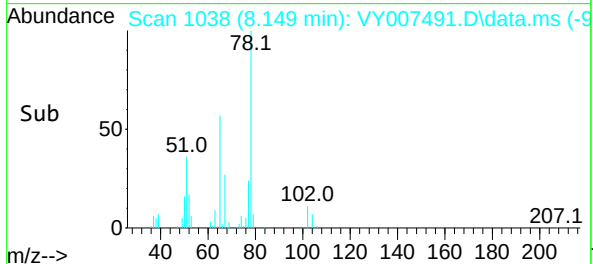
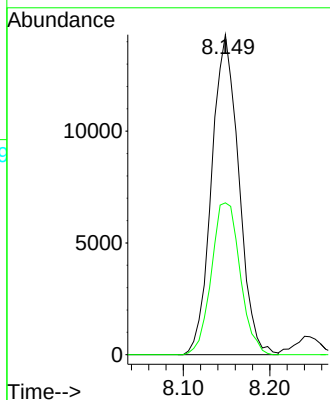
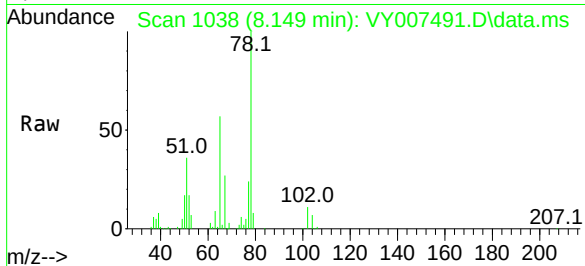
#33
1,2-Dichloroethane-d4
Concen: 21.498 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 31208
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4

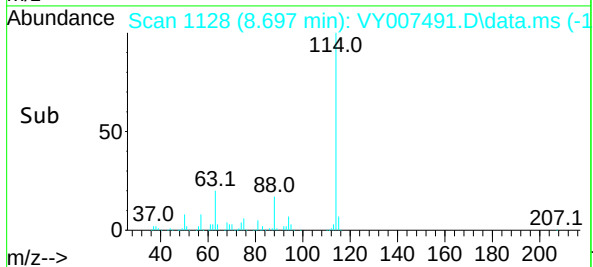
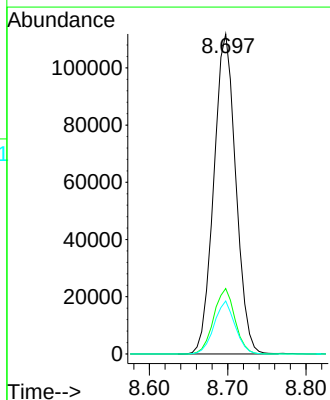
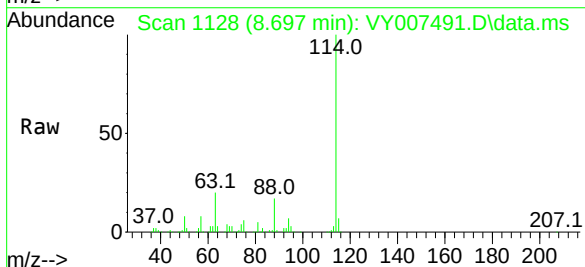
Manual Integrations
APPROVED

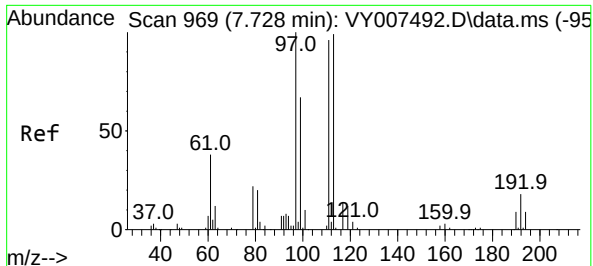
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion:114 Resp: 218357
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 21.316 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 29349

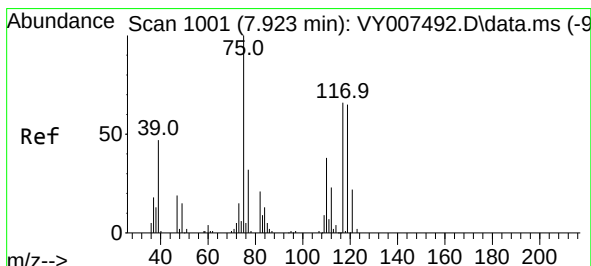
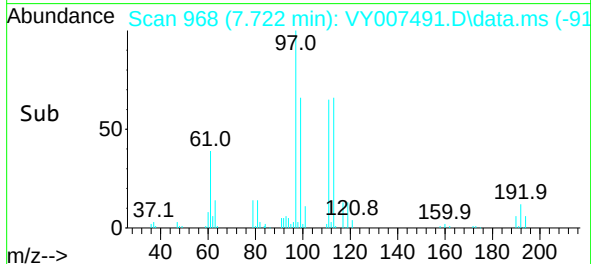
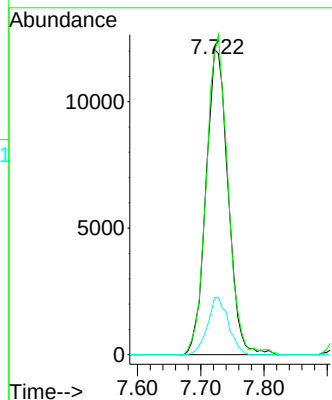
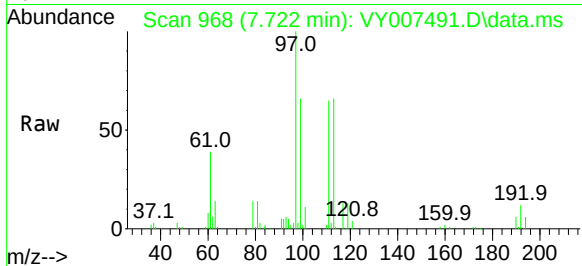
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	17.8	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#36

1,1-Dichloropropene

Concen: 21.492 ug/l

RT: 7.923 min Scan# 1001

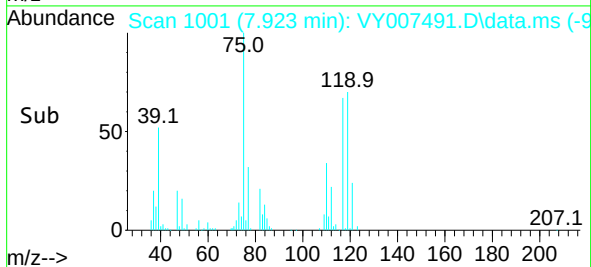
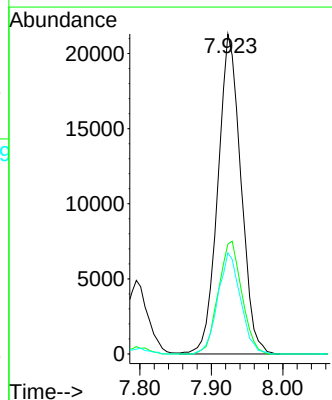
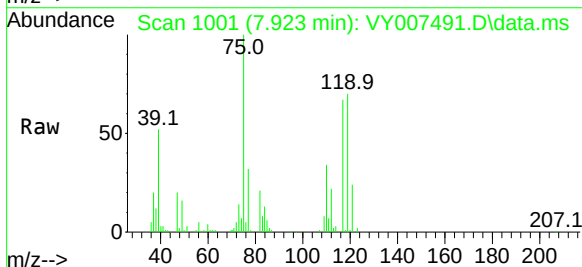
Delta R.T. 0.000 min

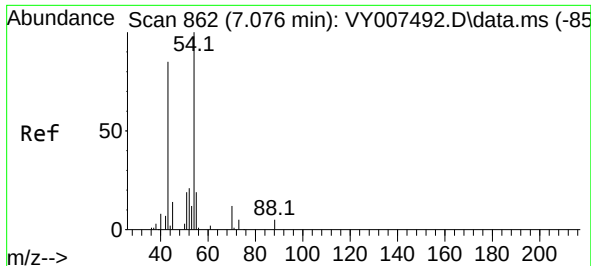
Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion: 75 Resp: 47632

Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.2
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 23.221 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 23034

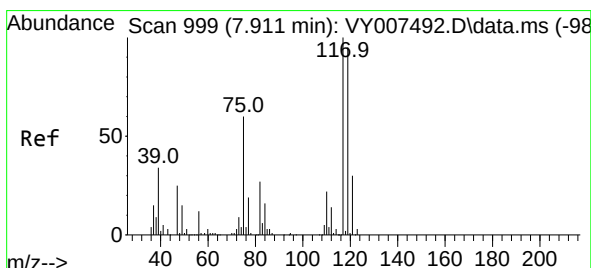
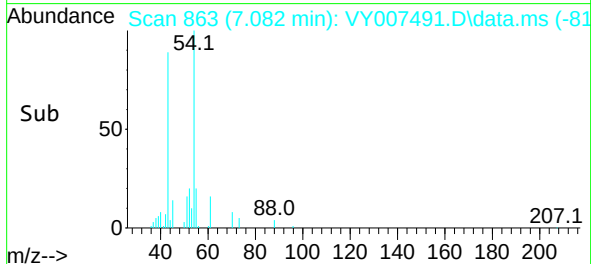
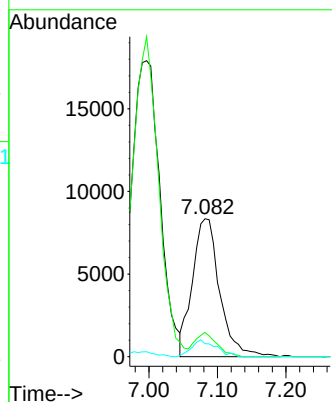
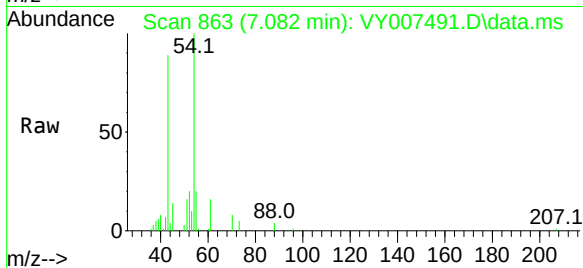
Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.7	14.5
70	10.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#38

Carbon Tetrachloride

Concen: 20.835 ug/l

RT: 7.911 min Scan# 999

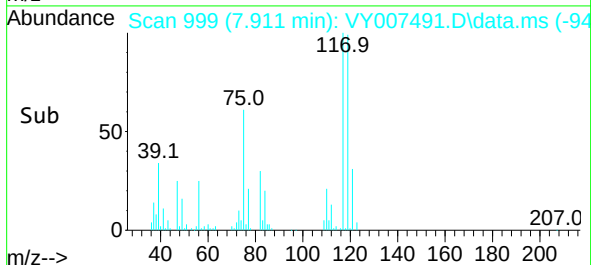
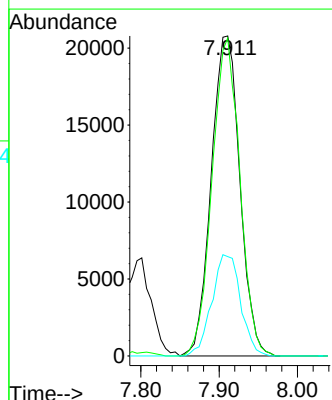
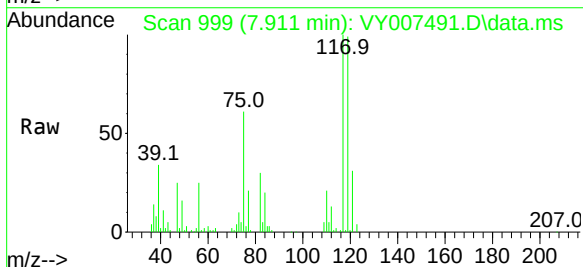
Delta R.T. 0.006 min

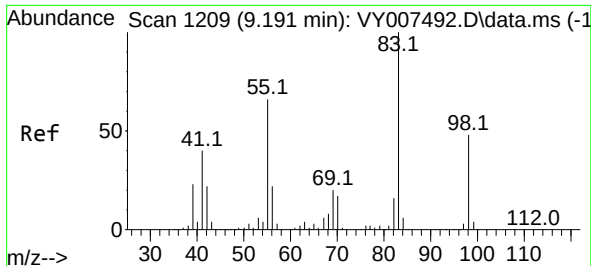
Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion:117 Resp: 52810

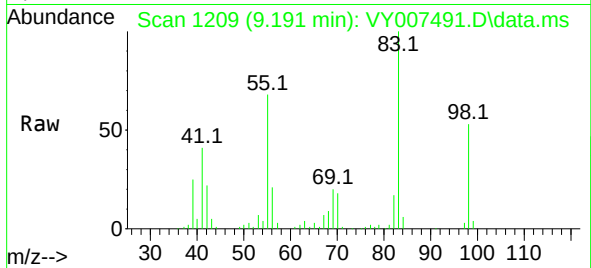
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.9	116.9
121	31.1	24.8	37.2





#39
Methylcyclohexane
Concen: 21.667 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

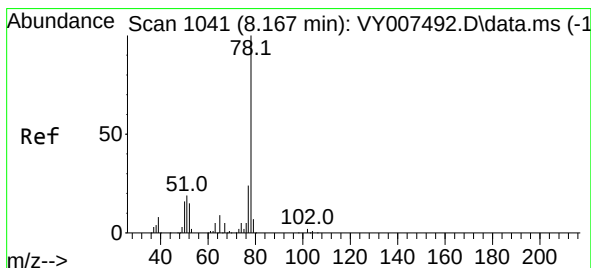
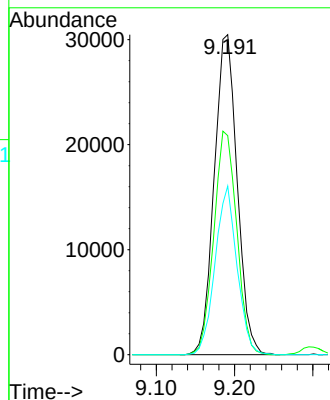
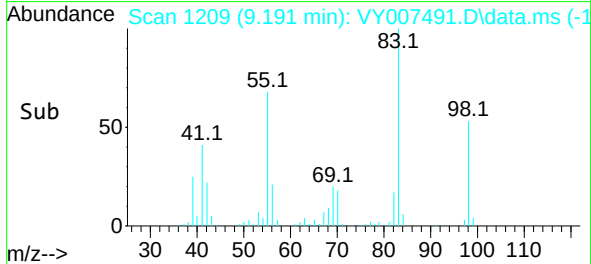
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



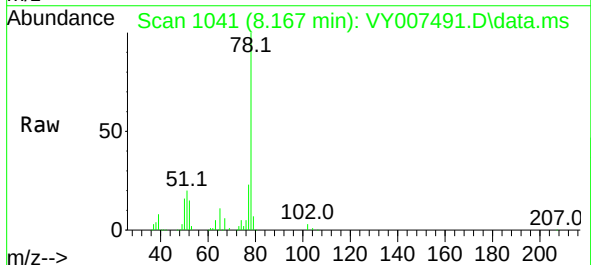
Tgt Ion: 83 Resp: 62094
Ion Ratio Lower Upper
83 100
55 68.5 66.5 99.7
98 52.7 37.9 56.9

Manual Integrations
APPROVED

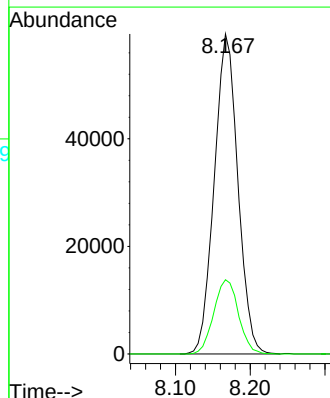
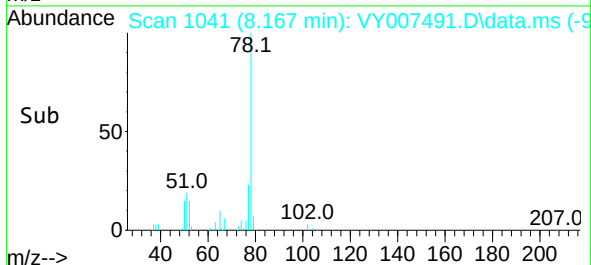
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

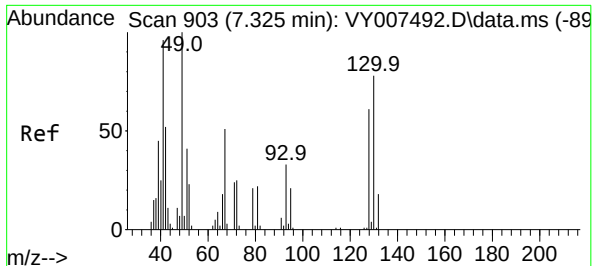


#40
Benzene
Concen: 21.509 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



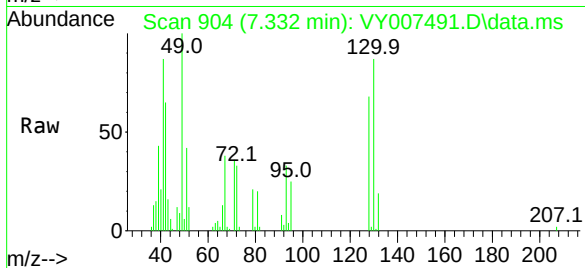
Tgt Ion: 78 Resp: 130740
Ion Ratio Lower Upper
78 100
77 23.2 20.4 30.6





#41
Methacrylonitrile
Concen: 17.935 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

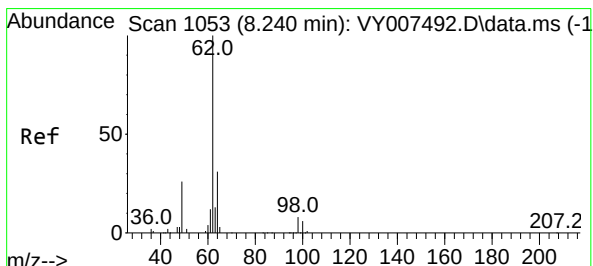
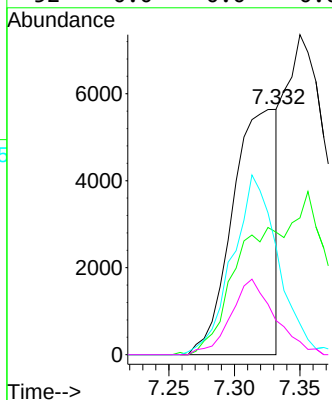
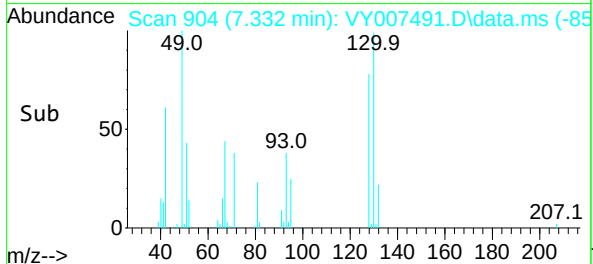
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1344
Ion Ratio Lower Upper
41 100
39 113.7 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

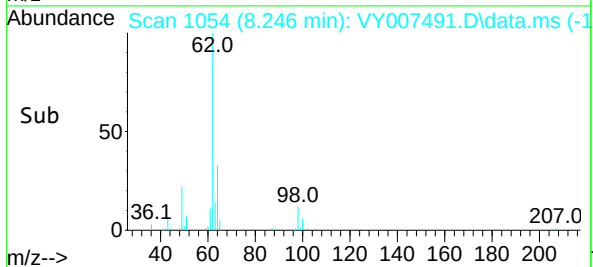
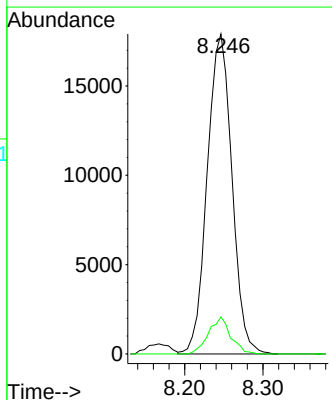
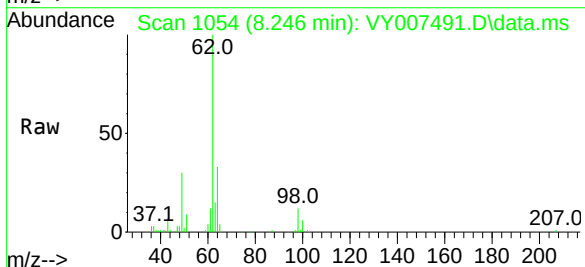
Manual Integrations
APPROVED

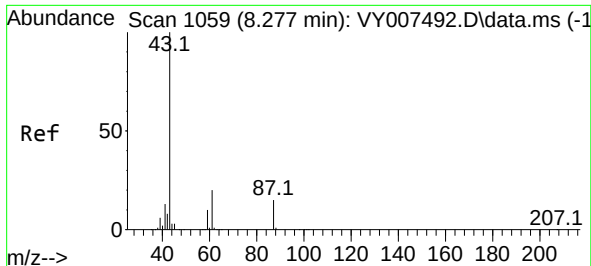
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 21.004 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 62 Resp: 39273
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





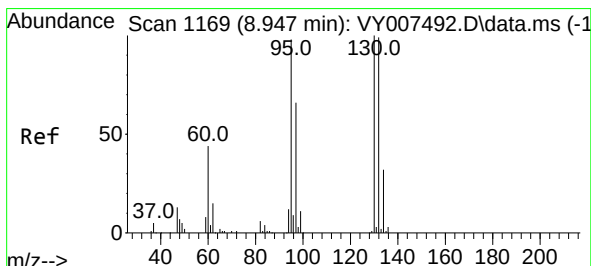
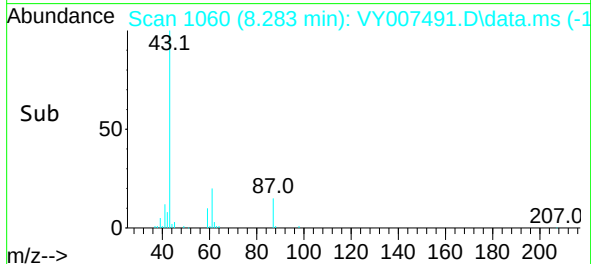
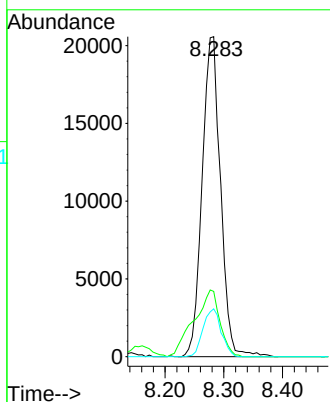
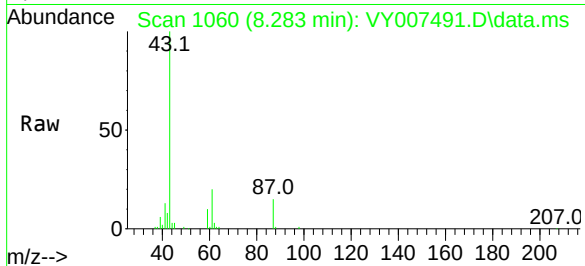
#43
Isopropyl Acetate
Concen: 22.184 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 4471
Ion Ratio Lower Upper
43 100
61 29.5 20.2 30.2
87 14.8 8.9 13.3

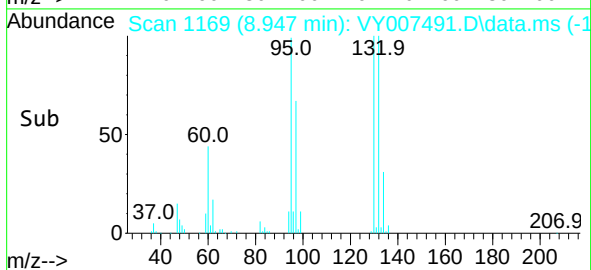
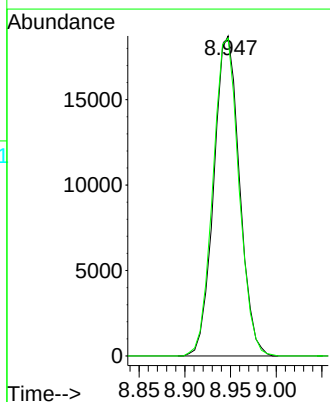
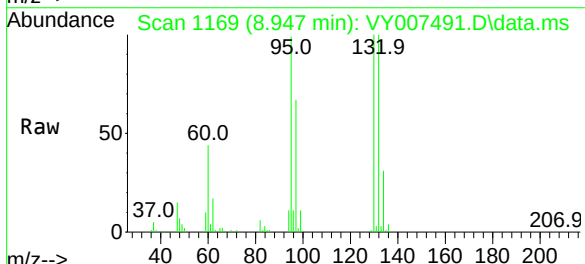
Manual Integrations
APPROVED

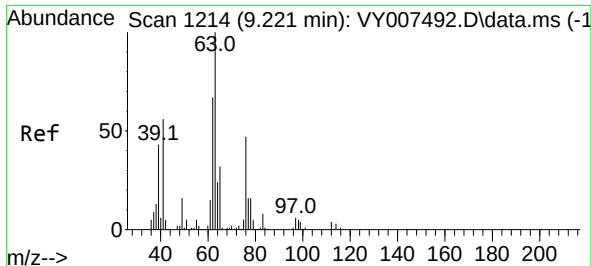
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 21.048 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion:130 Resp: 36596
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.952 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 31550

Ion Ratio Lower Upper

63 100

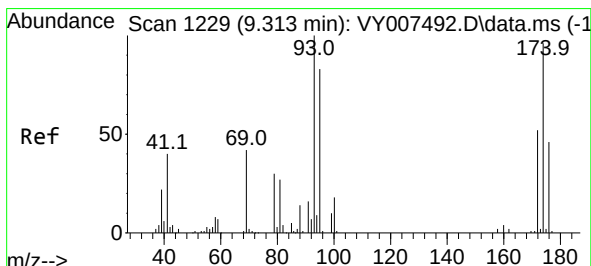
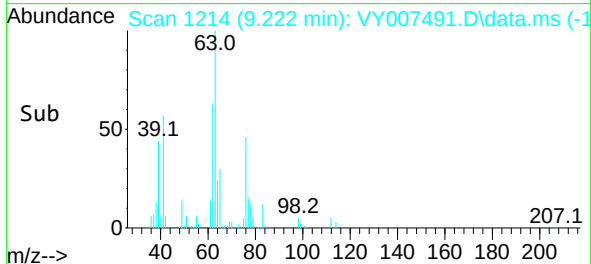
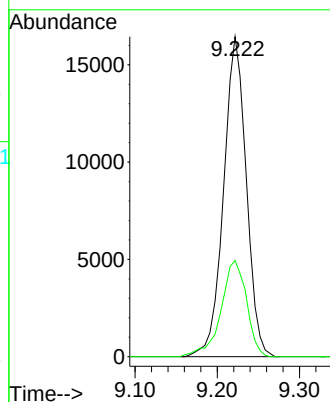
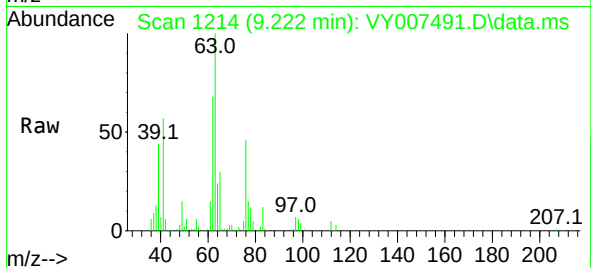
65 30.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 21.777 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

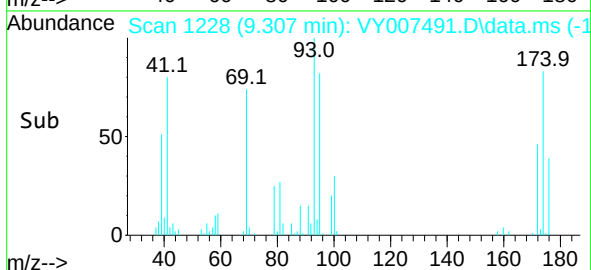
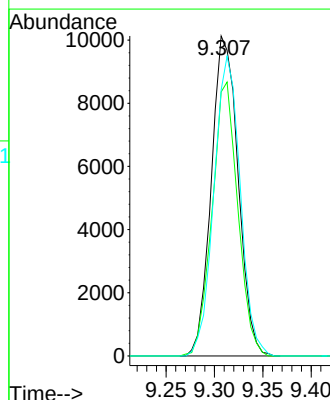
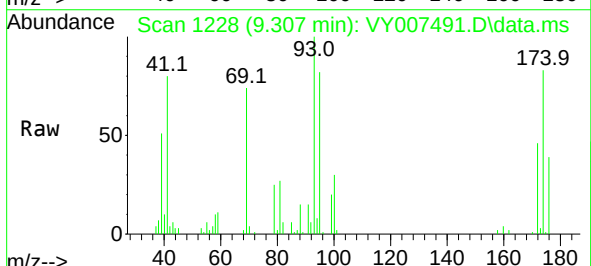
Tgt Ion: 93 Resp: 19493

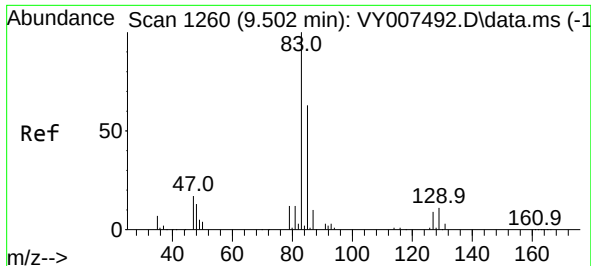
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 91.9 83.4 125.0





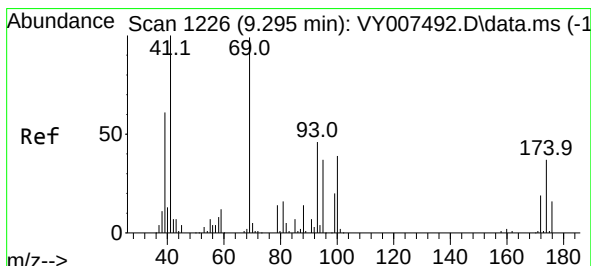
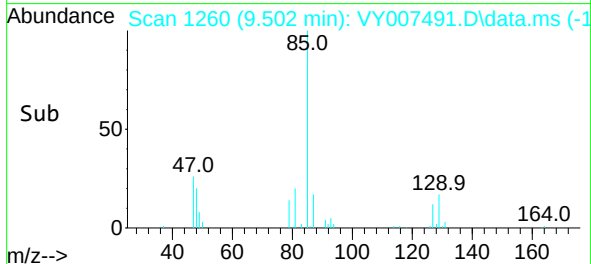
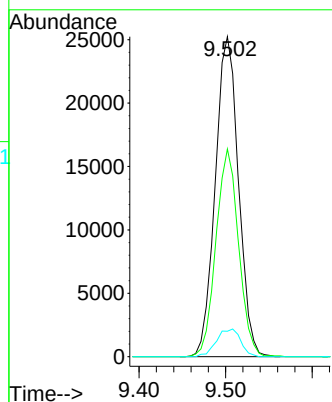
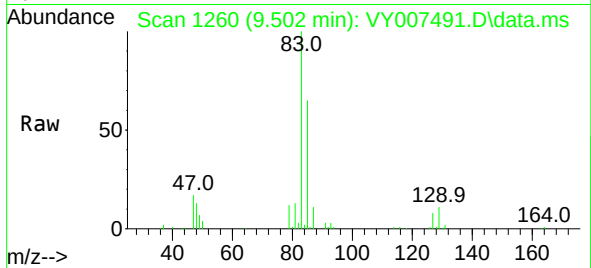
#47
Bromodichloromethane
Concen: 21.606 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4704
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9
127 8.0 6.6 10.0

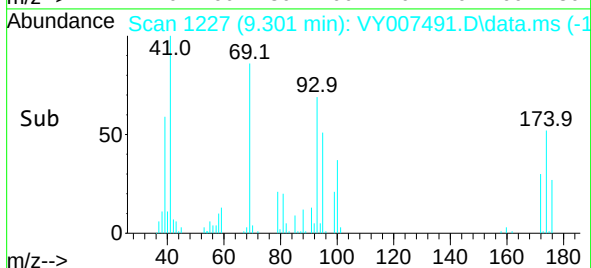
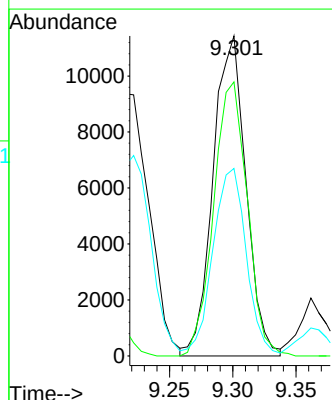
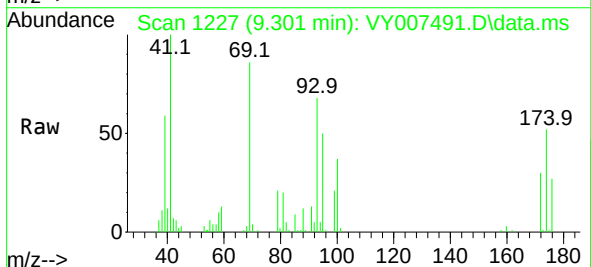
Manual Integrations
APPROVED

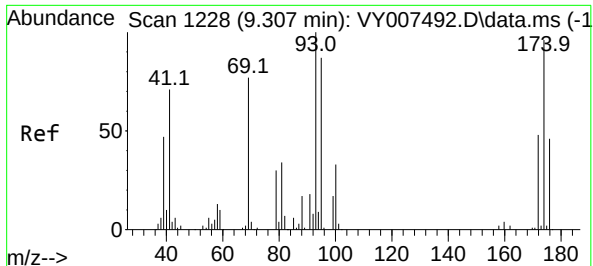
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
Methyl methacrylate
Concen: 23.247 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 41 Resp: 20660
Ion Ratio Lower Upper
41 100
69 87.6 58.2 87.2#
39 57.5 47.4 71.0





#49

1,4-Dioxane

Concen: 425.421 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 4130

Ion Ratio Lower Upper

88 100

43 34.3 32.8 49.2

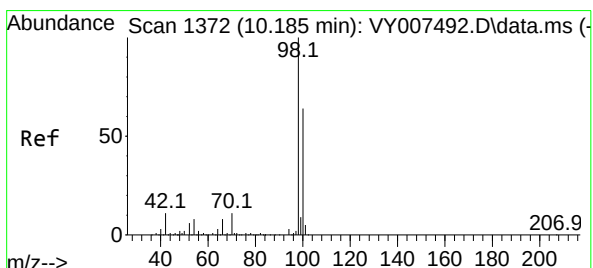
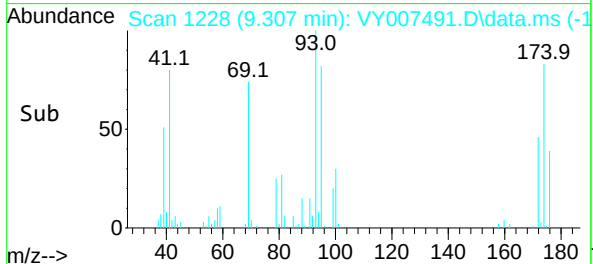
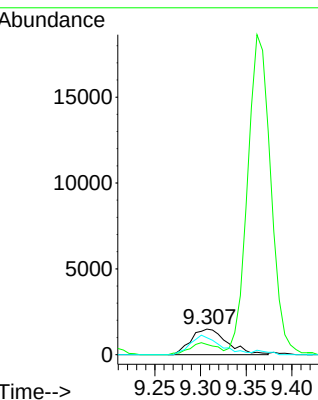
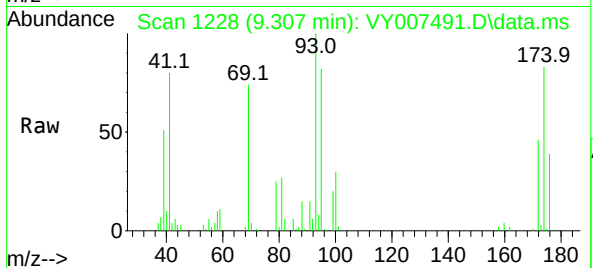
58 62.5 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 20.845 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007491.D

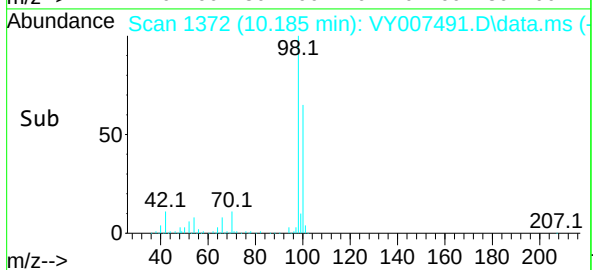
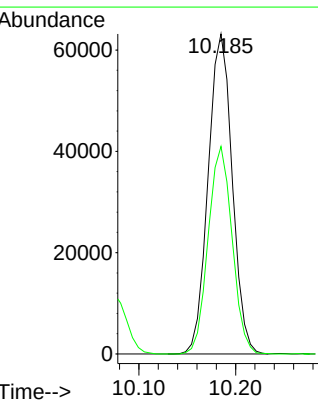
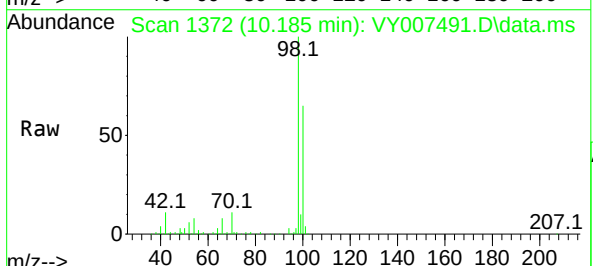
Acq: 14 Feb 2022 12:05

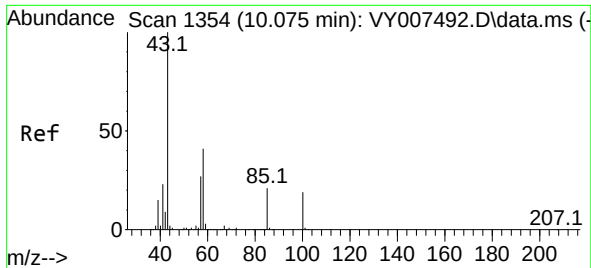
Tgt Ion: 98 Resp: 109100

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2





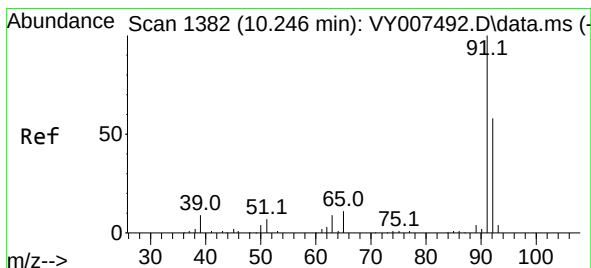
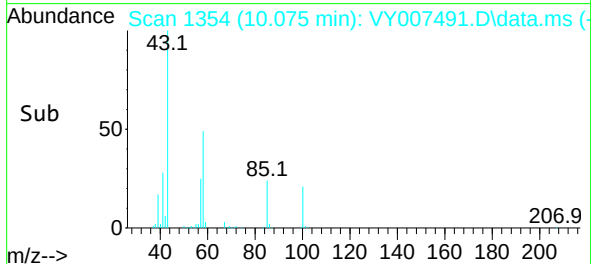
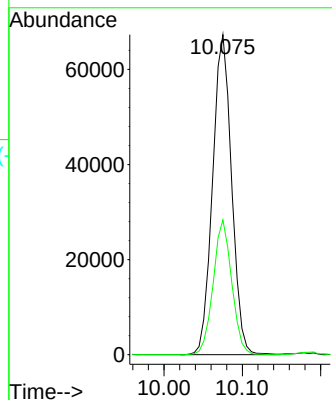
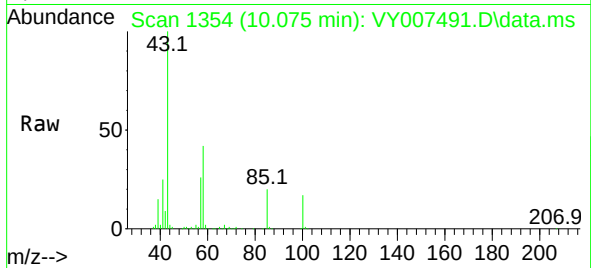
#51
4-Methyl-2-Pentanone
Concen: 113.597 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 11348
Ion Ratio Lower Upper
43 100
58 41.0 28.1 42.1

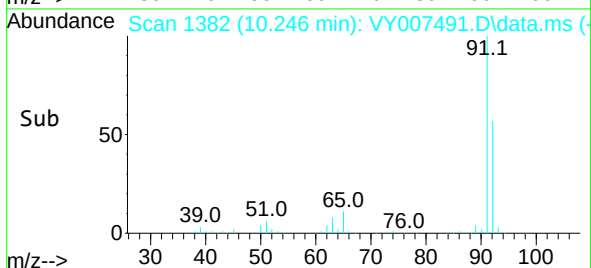
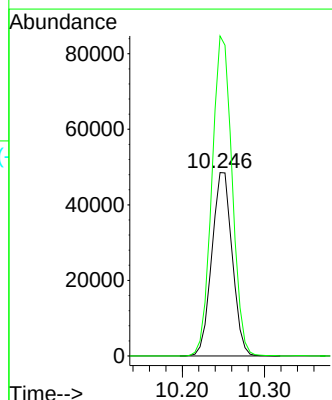
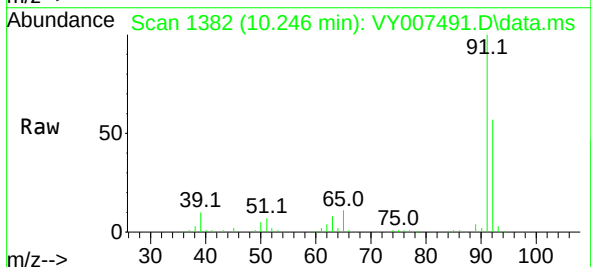
Manual Integrations
APPROVED

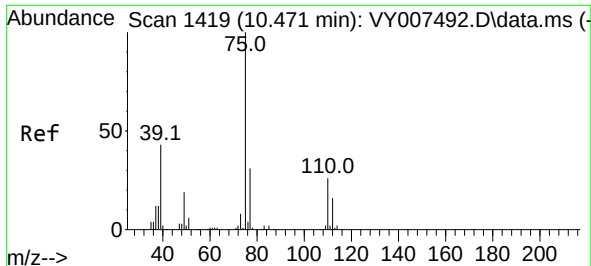
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 21.345 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

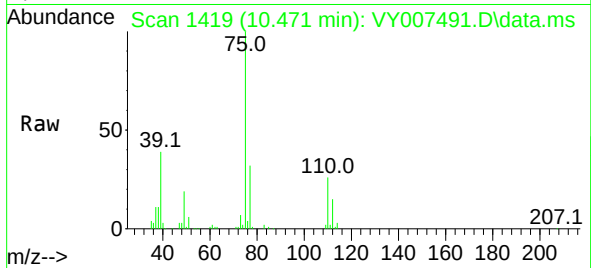
Tgt Ion: 92 Resp: 83615
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 21.536 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

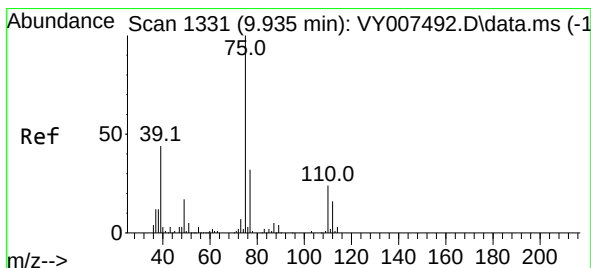
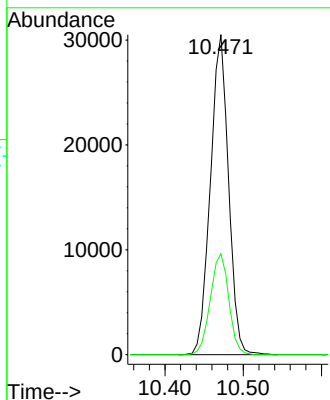
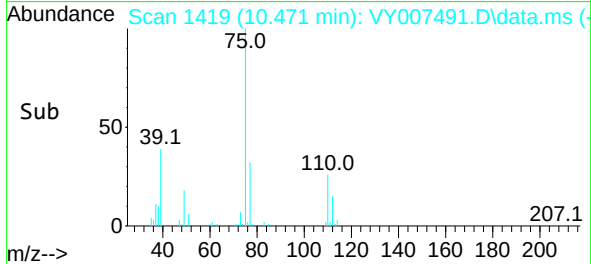
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 49038
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

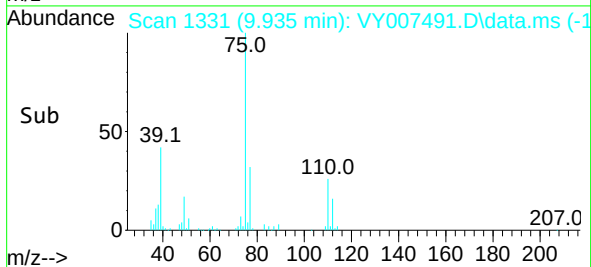
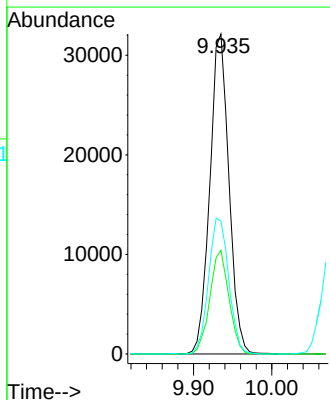
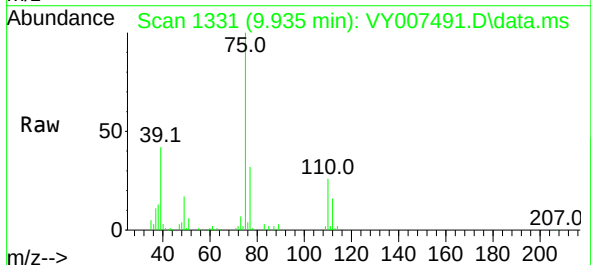
Manual Integrations
APPROVED

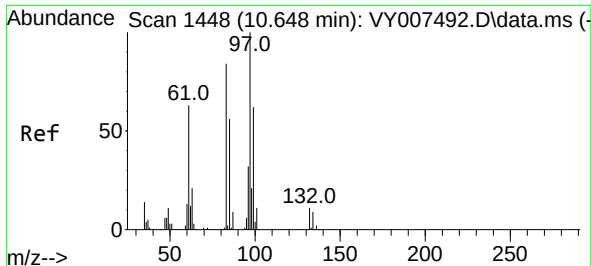
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#54
cis-1,3-Dichloropropene
Concen: 21.438 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

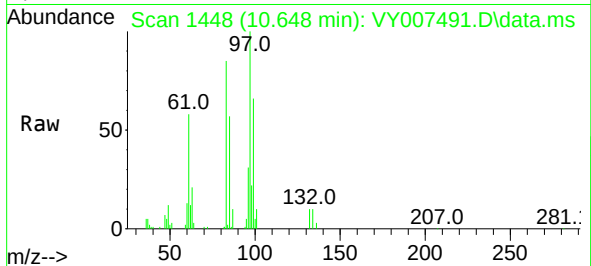
Tgt Ion: 75 Resp: 54509
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 41.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 21.161 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

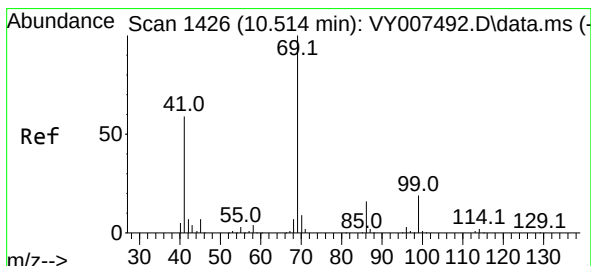
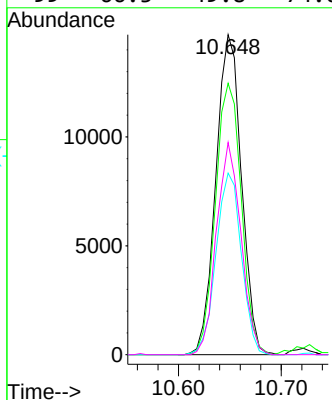
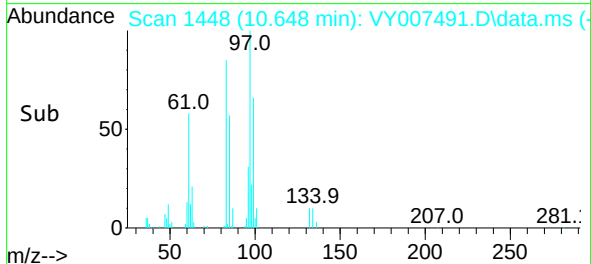
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



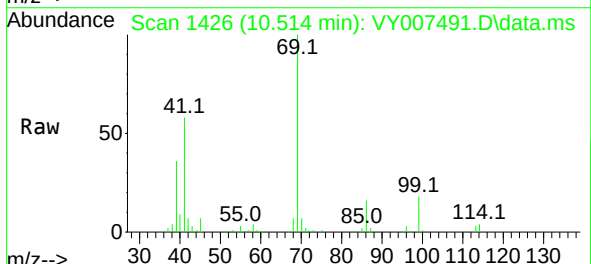
Tgt Ion:	97	Resp:	2545
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	56.8	44.3	66.5
99	66.3	49.8	74.6

Manual Integrations
APPROVED

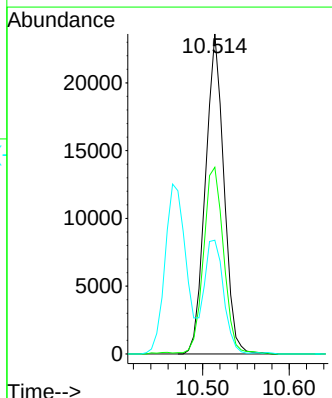
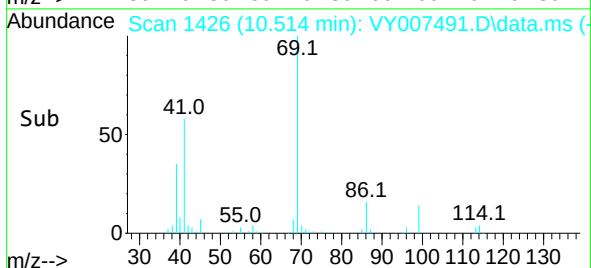
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

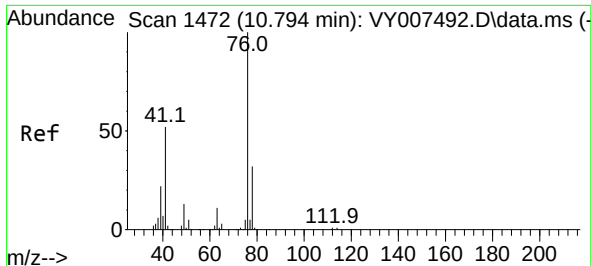


#56
Ethyl methacrylate
Concen: 21.904 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



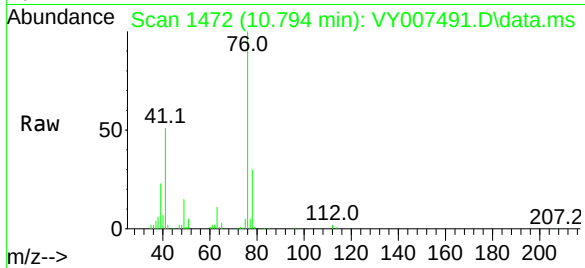
Tgt Ion:	69	Resp:	35035
Ion	Ratio	Lower	Upper
69	100		
41	63.5	63.4	95.0
39	38.1	35.8	53.8





#57
1,3-Dichloropropane
Concen: 21.932 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

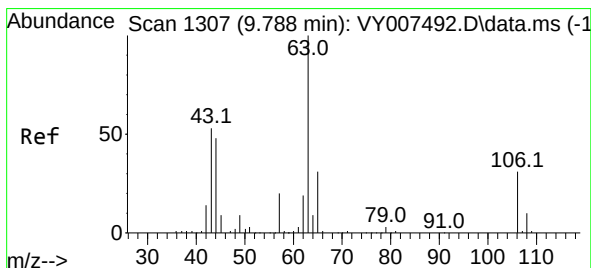
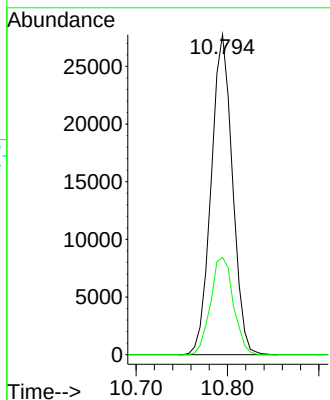
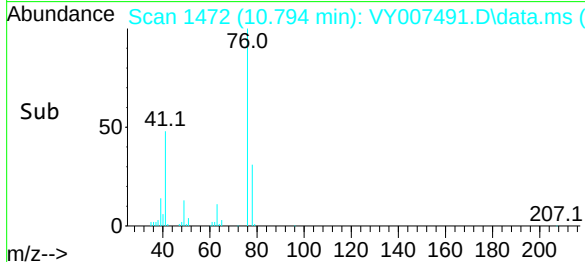
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



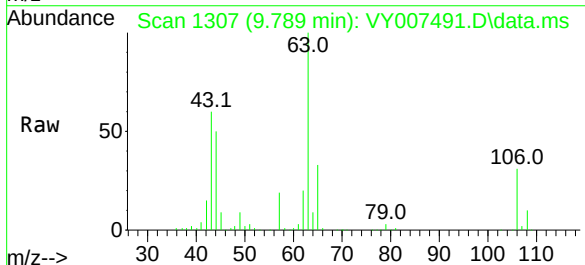
Tgt Ion: 76 Resp: 44858
Ion Ratio Lower Upper
76 100
78 32.5 25.0 37.6

Manual Integrations
APPROVED

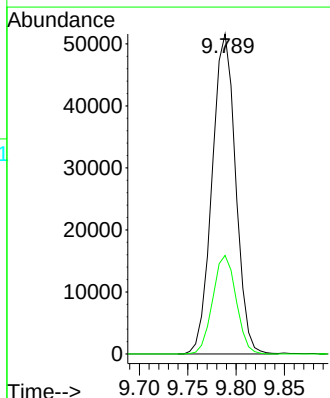
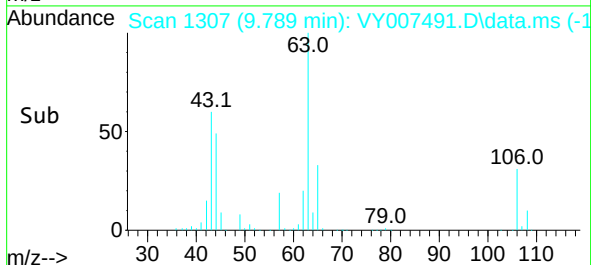
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

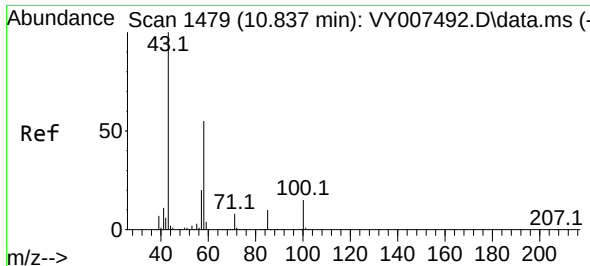


#58
2-Chloroethyl Vinyl ether
Concen: 104.398 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



Tgt Ion: 63 Resp: 87303
Ion Ratio Lower Upper
63 100
106 30.5 21.5 32.3





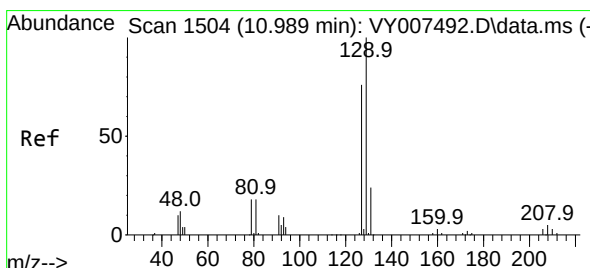
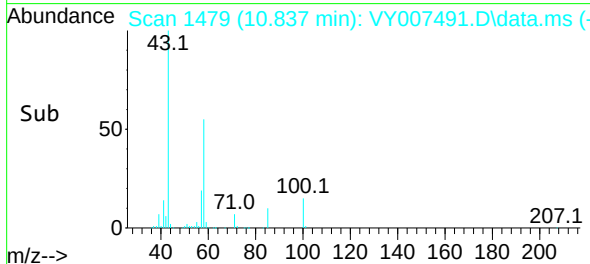
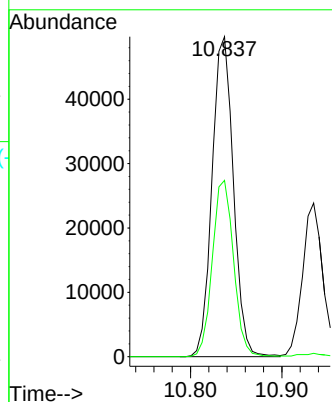
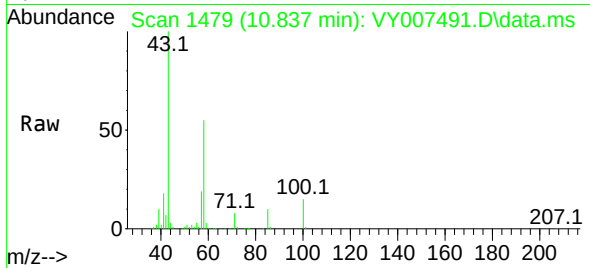
#59
2-Hexanone
Concen: 111.696 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 8056
Ion Ratio Lower Upper
43 100
58 54.9 24.4 73.4

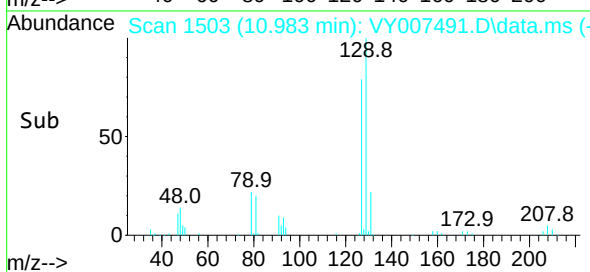
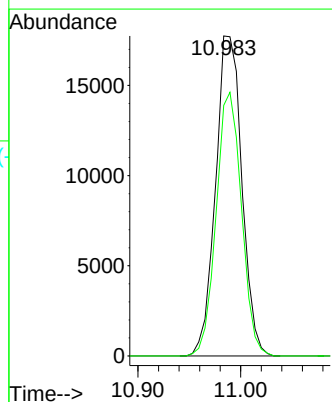
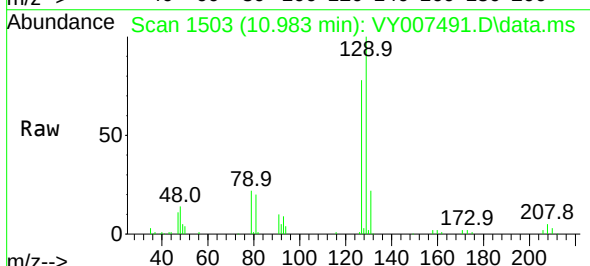
Manual Integrations
APPROVED

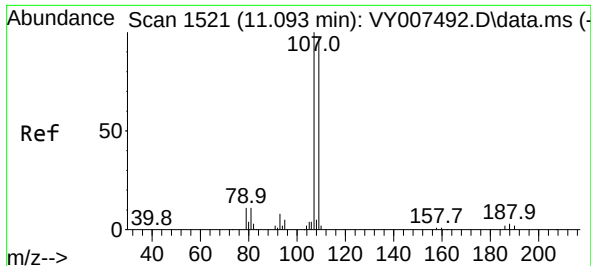
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 20.873 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

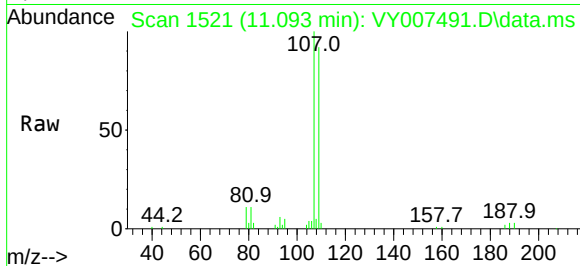
Tgt Ion:129 Resp: 31585
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.532 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

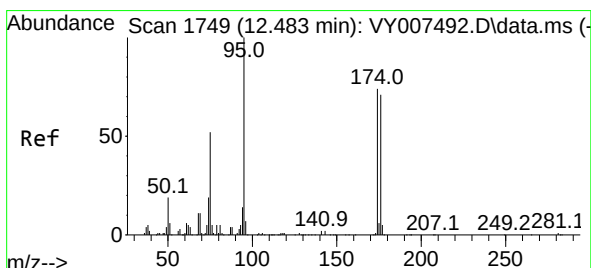
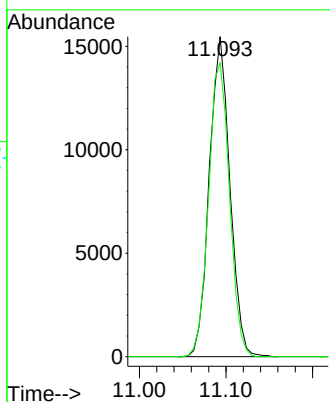
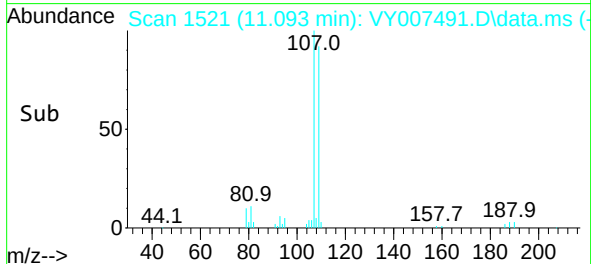
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



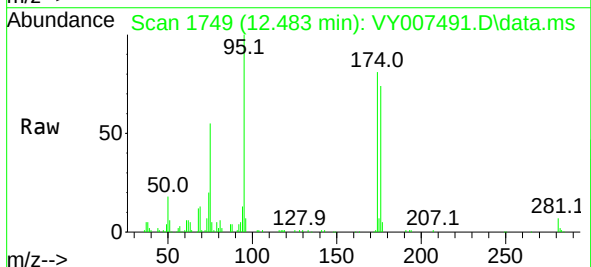
Tgt Ion:107 Resp: 25562
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2

Manual Integrations
APPROVED

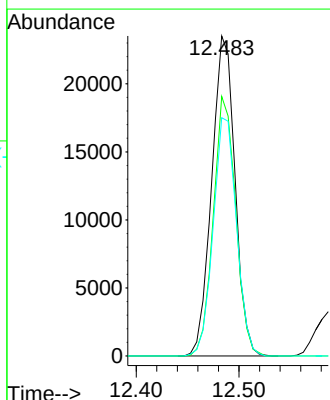
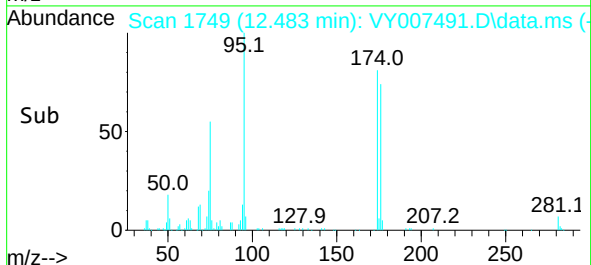
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

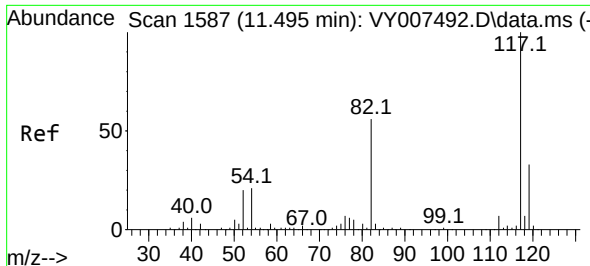


#62
4-Bromofluorobenzene
Concen: 20.691 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



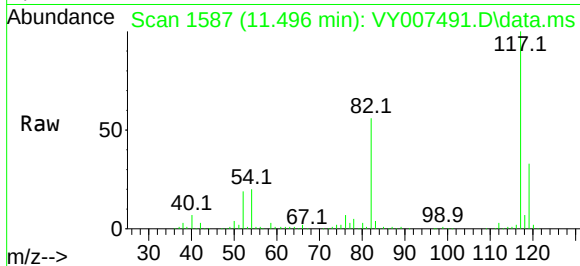
Tgt Ion: 95 Resp: 36944
Ion Ratio Lower Upper
95 100
174 77.9 0.0 177.0
176 74.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

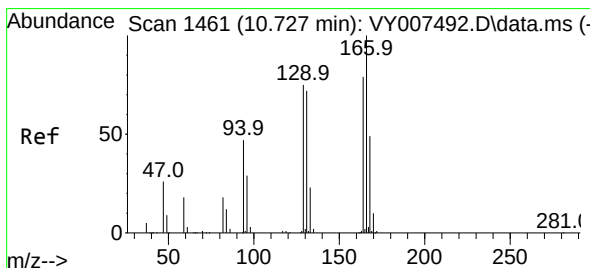
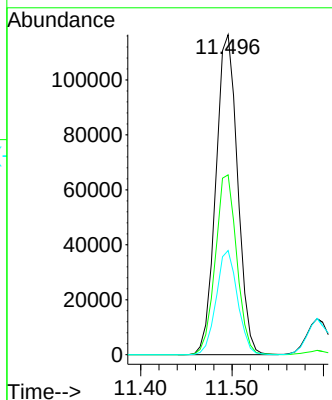
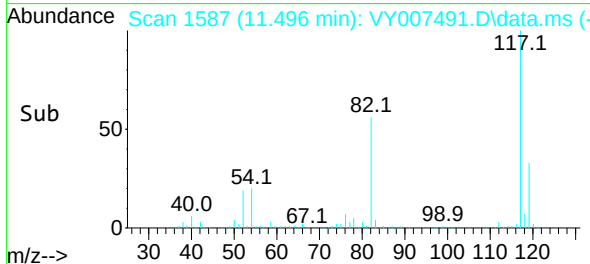
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



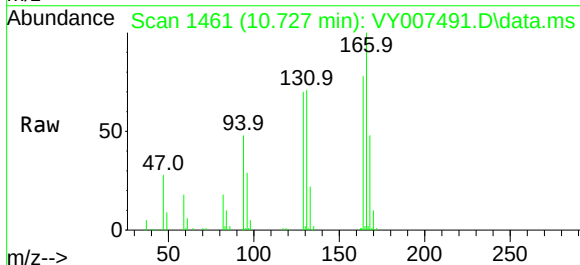
Tgt Ion:117 Resp: 192372
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.6 25.4 38.0

Manual Integrations
APPROVED

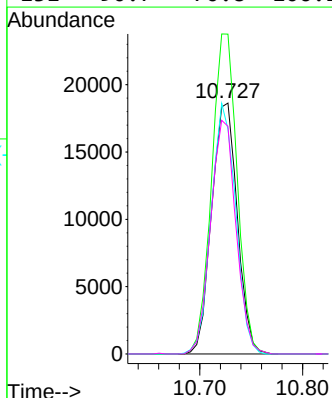
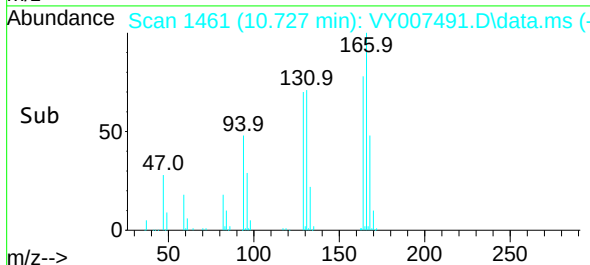
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

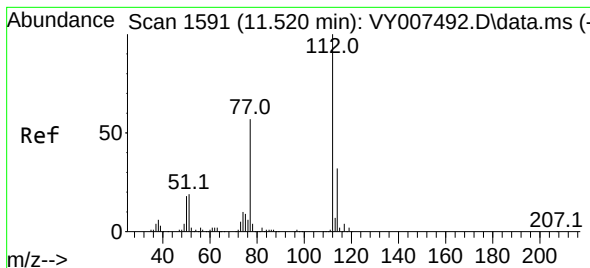


#64
Tetrachloroethene
Concen: 21.222 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



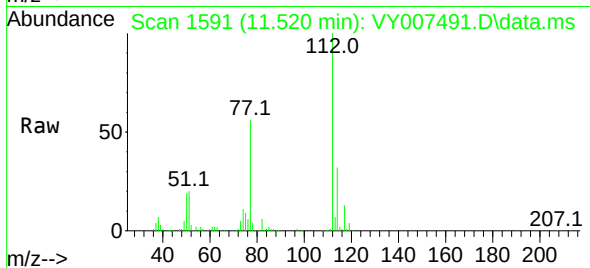
Tgt Ion:164 Resp: 32140
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 89.6 71.4 107.0
131 90.7 70.8 106.2





#65
Chlorobenzene
Concen: 21.207 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

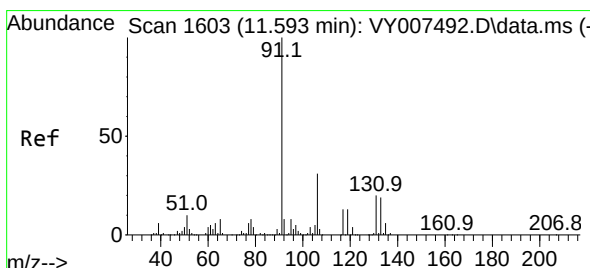
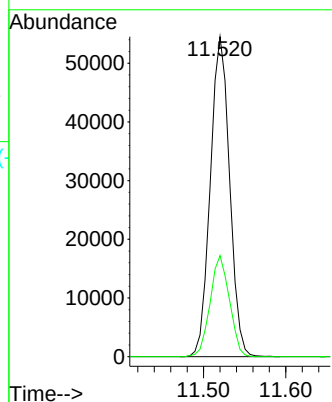
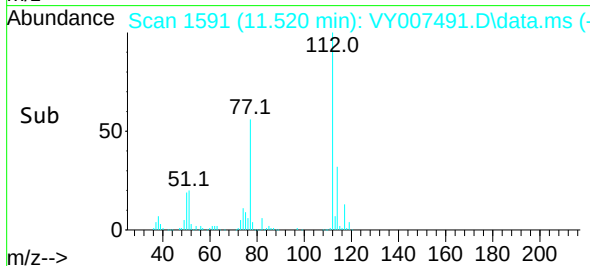
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



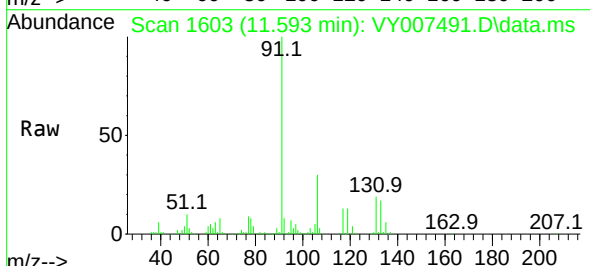
Tgt Ion:112 Resp: 8888
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

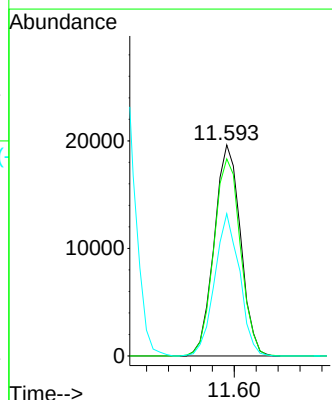
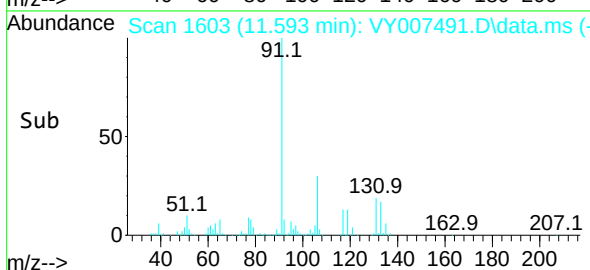
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

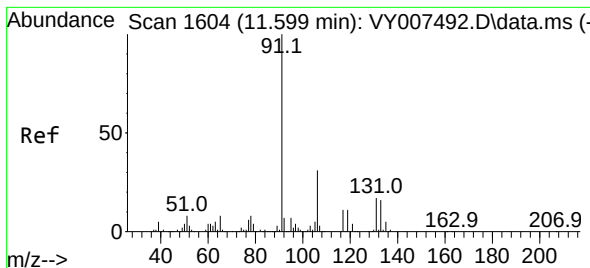


#66
1,1,1,2-Tetrachloroethane
Concen: 20.603 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



Tgt Ion:131 Resp: 32754
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 63.7 30.8 92.3





#67

Ethyl Benzene

Concen: 21.214 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 16611

Ion Ratio Lower Upper

91 100

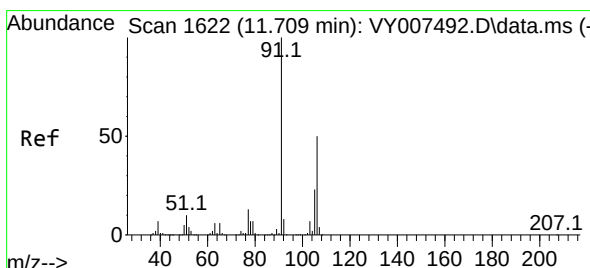
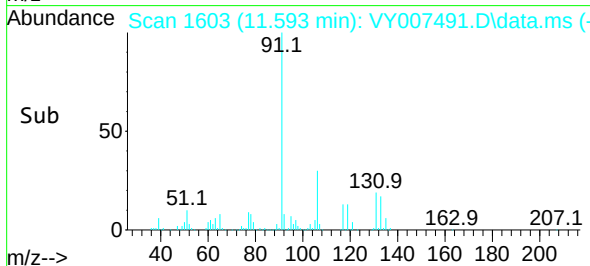
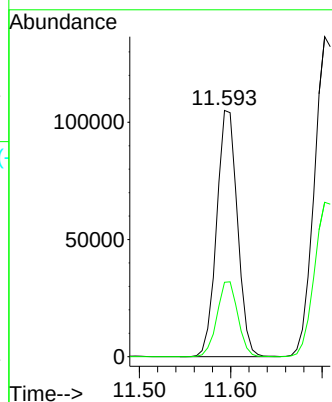
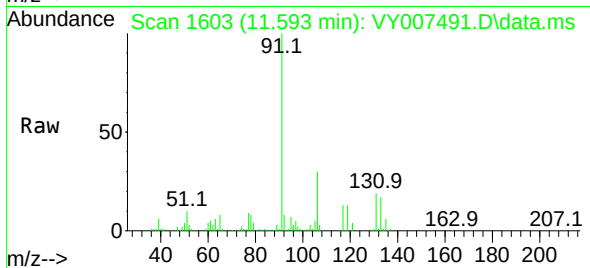
106 30.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#68

m/p-Xylenes

Concen: 42.304 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007491.D

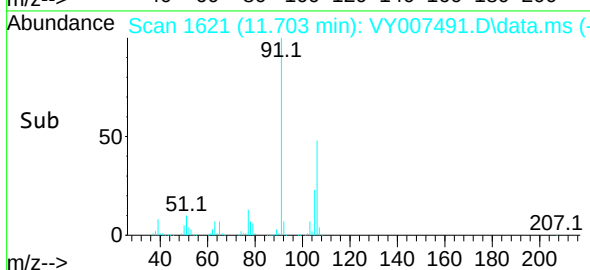
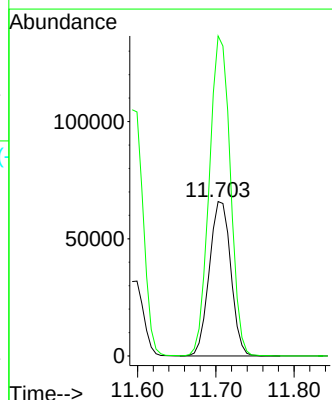
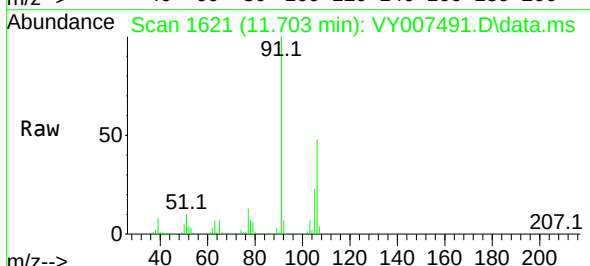
Acq: 14 Feb 2022 12:05

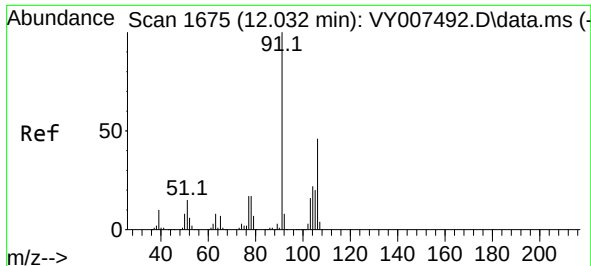
Tgt Ion:106 Resp: 125530

Ion Ratio Lower Upper

106 100

91 203.4 166.6 249.8





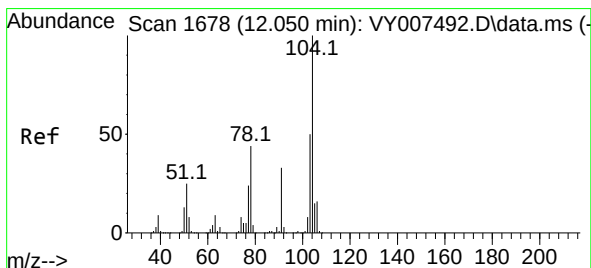
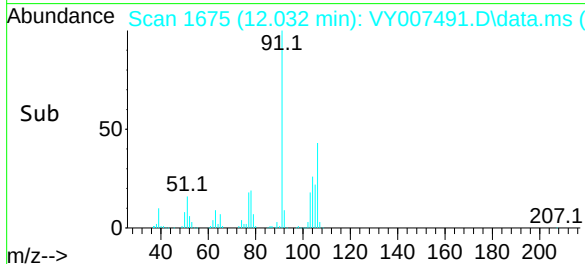
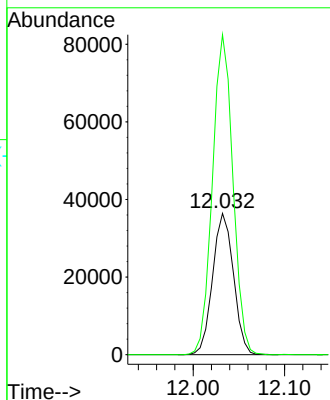
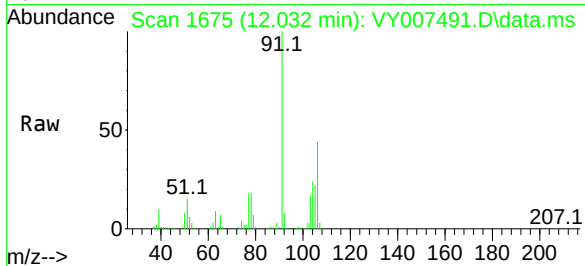
#69
o-Xylene
Concen: 20.464 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 57770
Ion Ratio Lower Upper
106 100
91 221.9 110.3 331.0

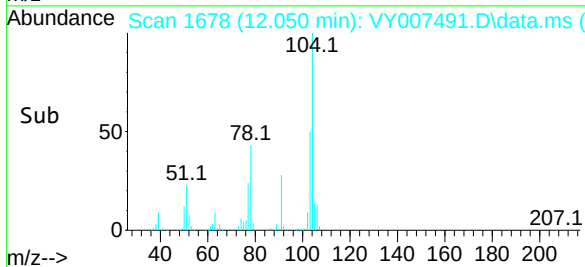
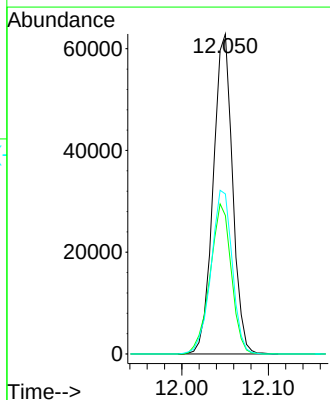
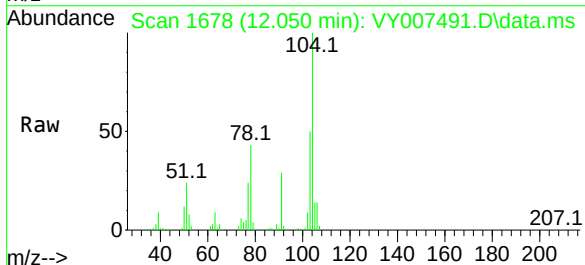
Manual Integrations
APPROVED

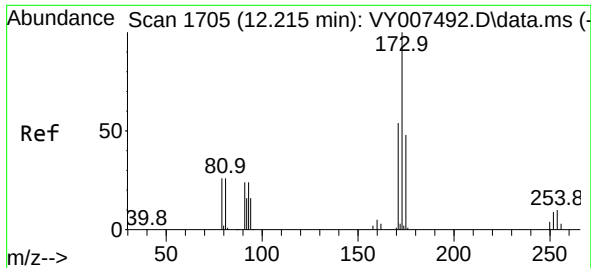
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 21.096 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion:104 Resp: 97528
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 56.1 44.4 66.6





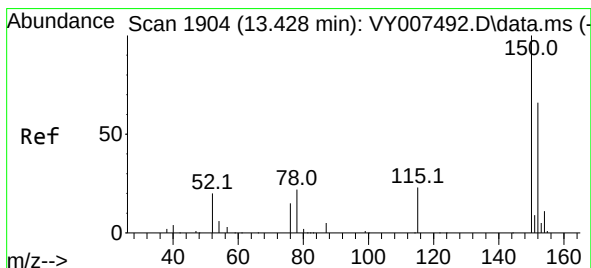
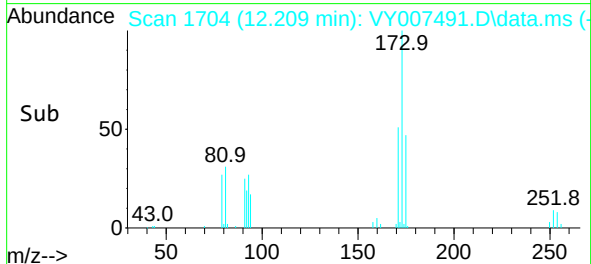
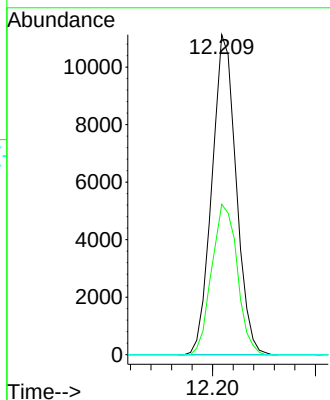
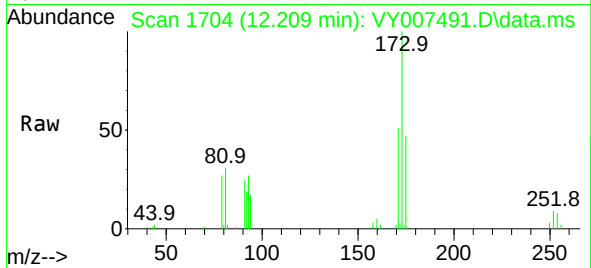
#71
Bromoform
Concen: 20.702 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 18170
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.0 0.0 0.0

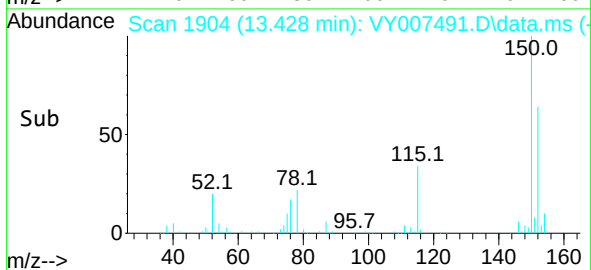
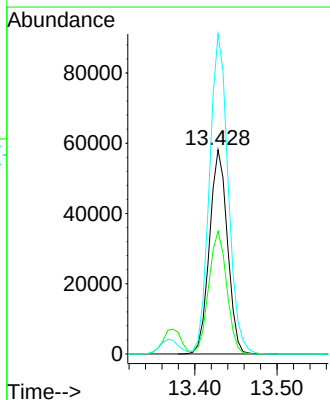
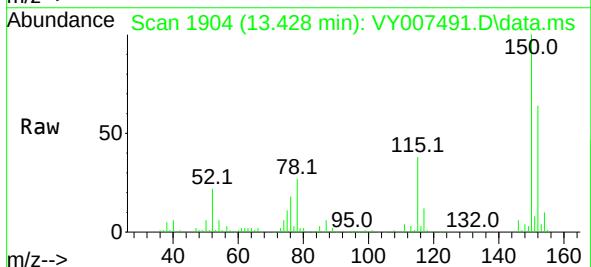
Manual Integrations
APPROVED

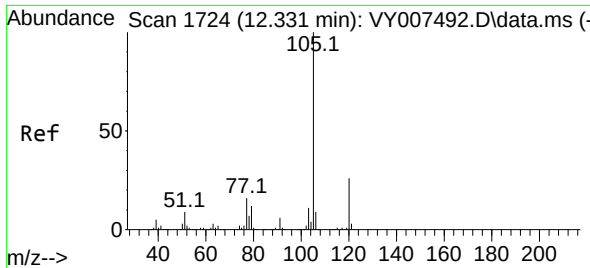
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

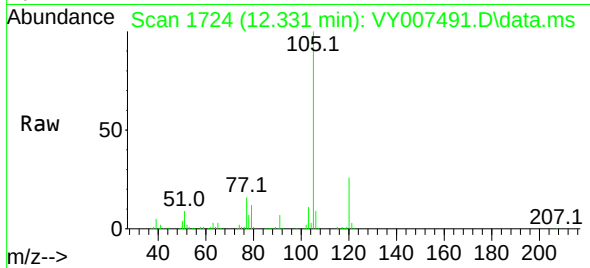
Tgt Ion:152 Resp: 88060
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 163.2 0.0 347.6





#73
Isopropylbenzene
Concen: 20.781 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

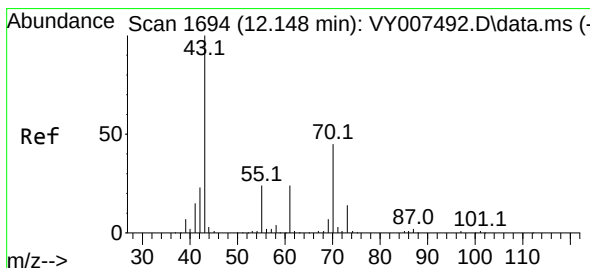
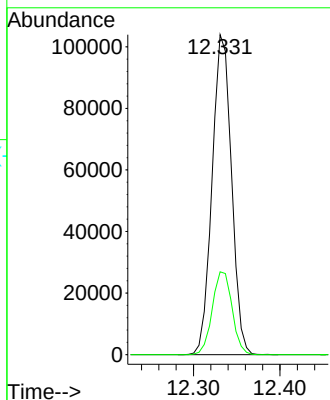
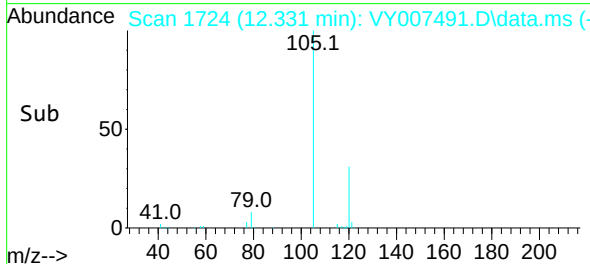
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



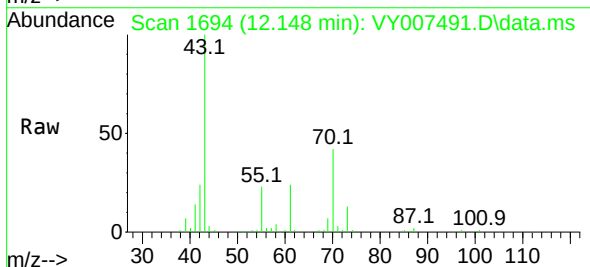
Tgt Ion:105 Resp: 161536
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

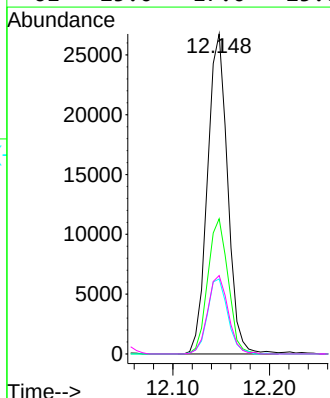
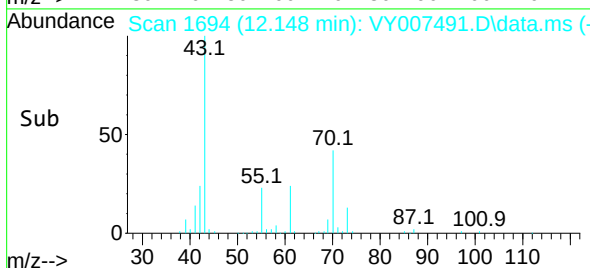
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

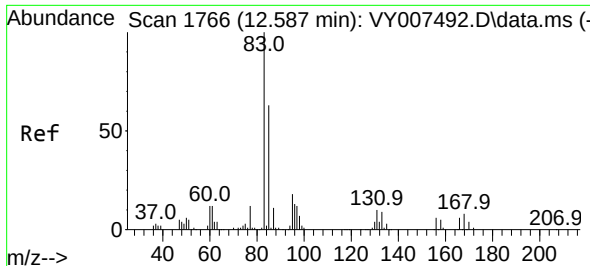


#74
N-ethyl acetate
Concen: 22.280 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



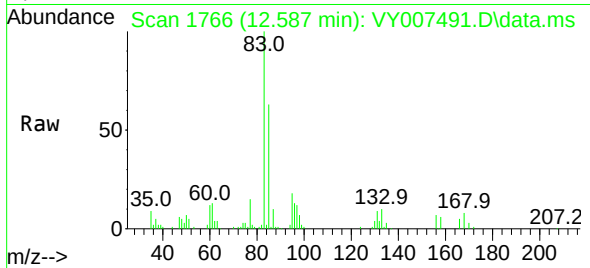
Tgt Ion: 43 Resp: 38716
Ion Ratio Lower Upper
43 100
70 42.6 28.7 43.1
55 23.6 17.3 25.9
61 25.0 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 21.036 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

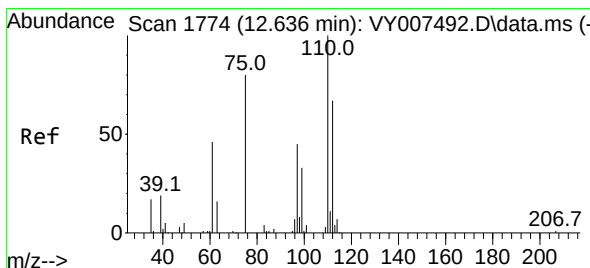
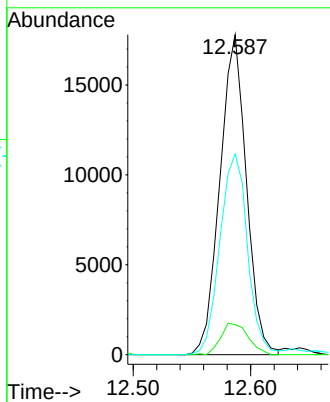
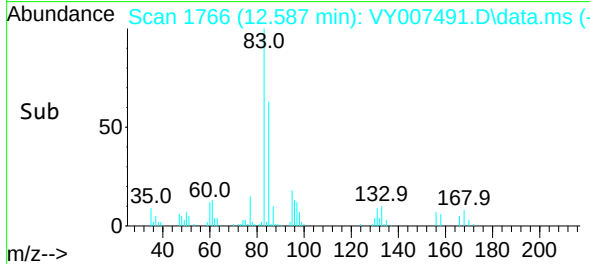
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



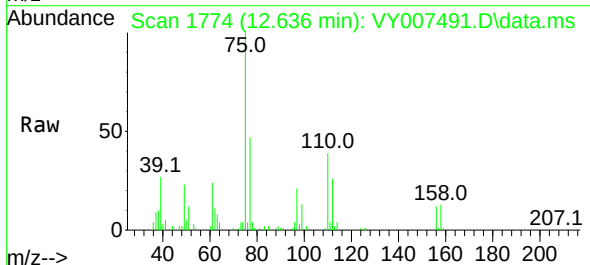
Tgt Ion: 83 Resp: 27900
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

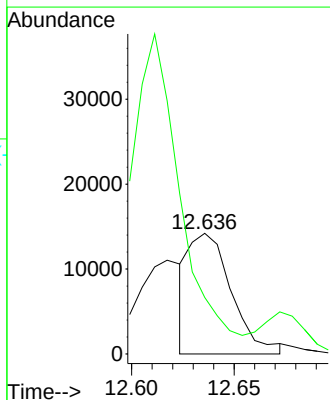
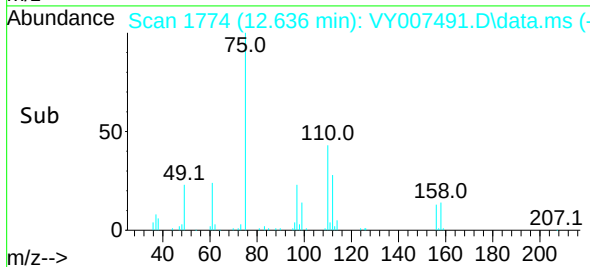
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

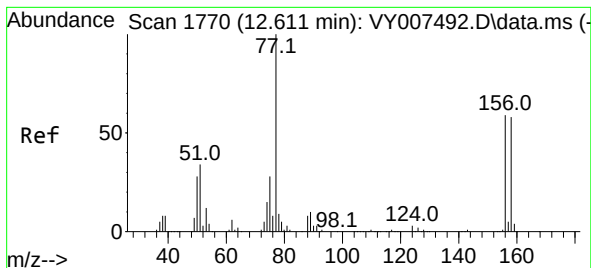


#76
1,2,3-Trichloropropane
Concen: 17.723 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



Tgt Ion: 75 Resp: 20544
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.298 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

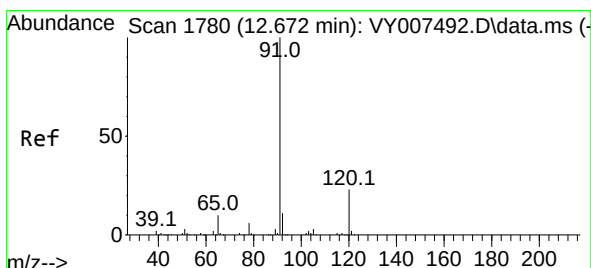
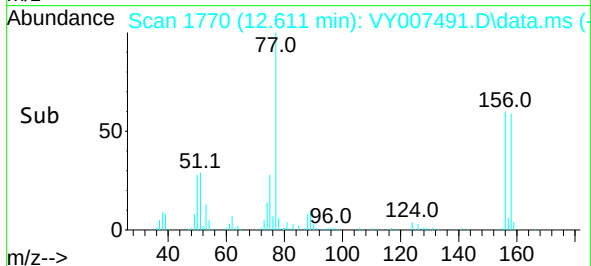
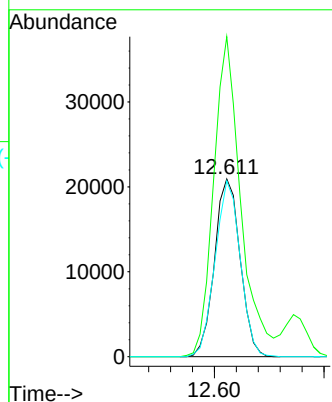
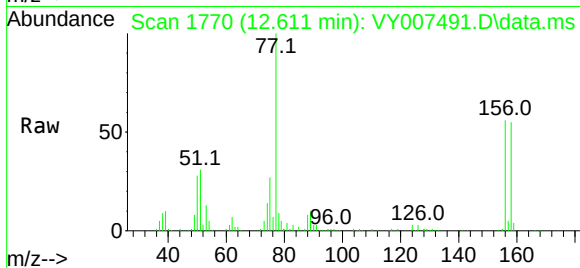
Tgt Ion:	156	Resp:	33954
Ion Ratio	Lower	Upper	
156	100		
77	190.0	95.5	286.4
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#78

n-propylbenzene

Concen: 20.862 ug/l

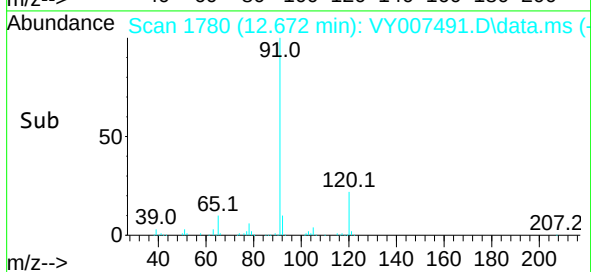
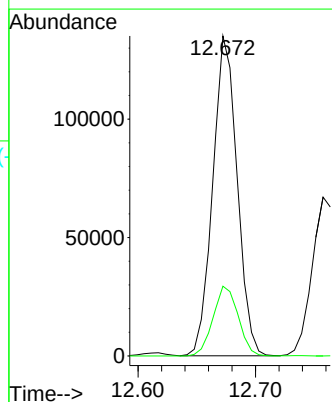
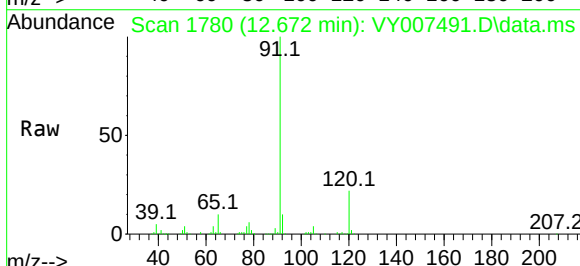
RT: 12.672 min Scan# 1780

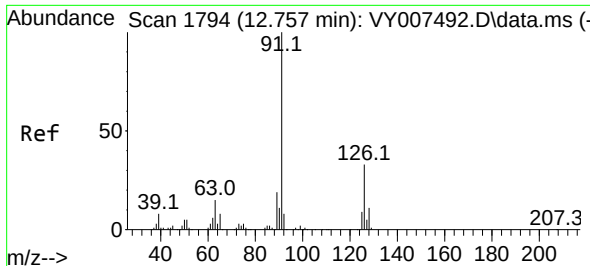
Delta R.T. 0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion:	91	Resp:	194760
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.9





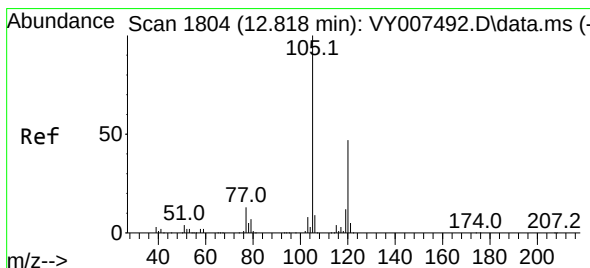
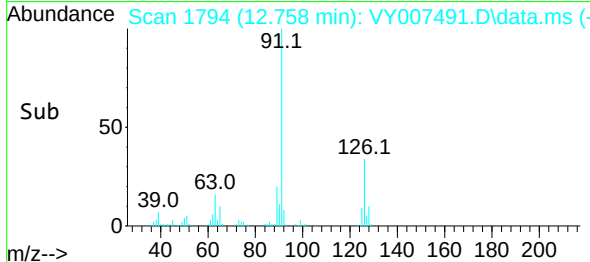
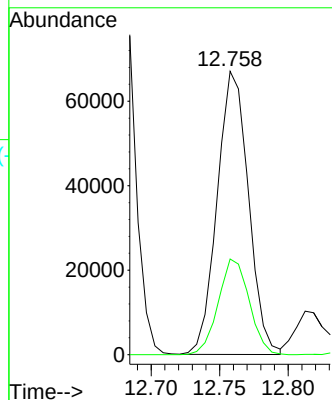
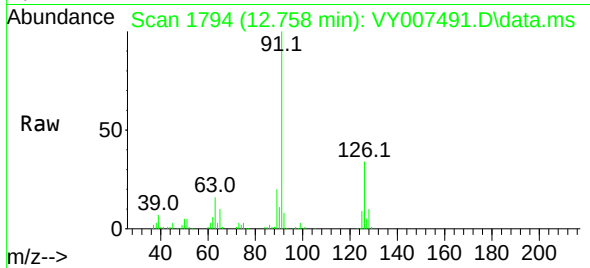
#79
2-Chlorotoluene
Concen: 20.710 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 106700
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6

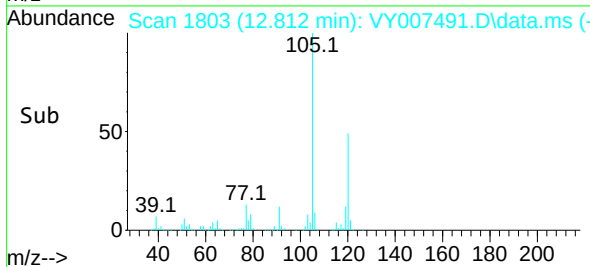
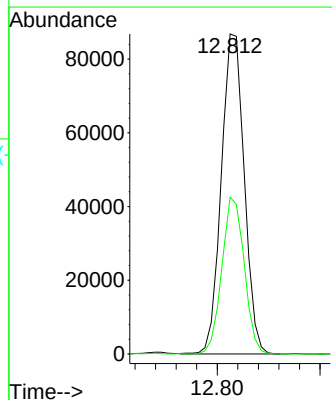
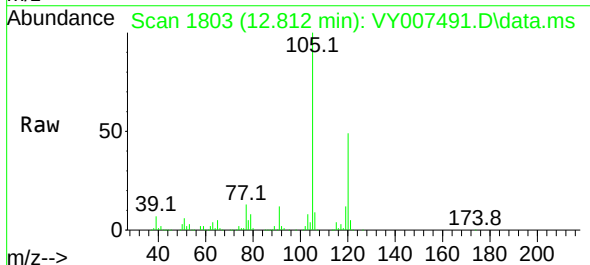
Manual Integrations
APPROVED

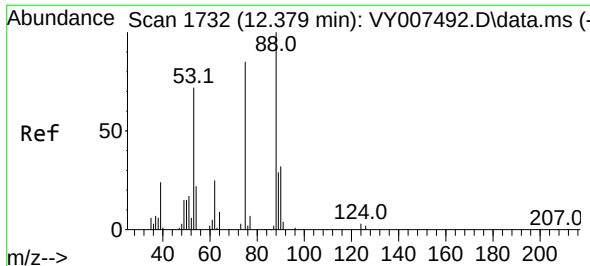
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.902 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

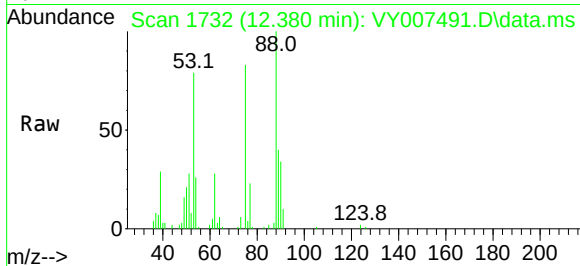
Tgt Ion:105 Resp: 134554
Ion Ratio Lower Upper
105 100
120 47.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.323 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

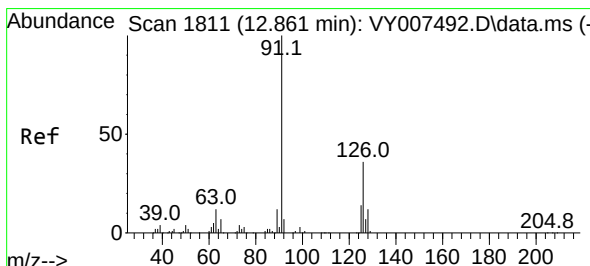
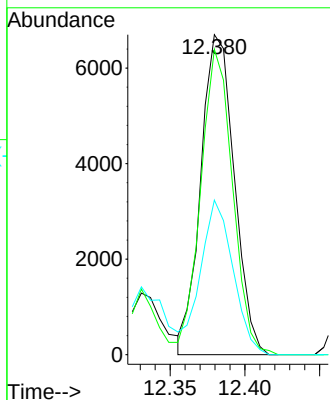
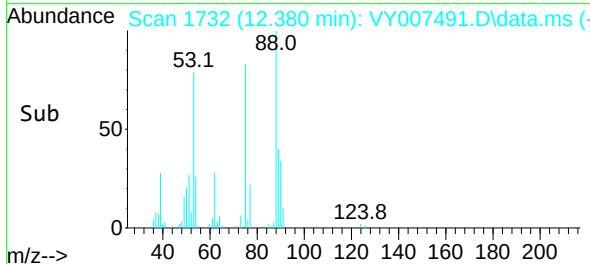
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 10424
Ion Ratio Lower Upper
75 100
53 90.6 85.3 127.9
89 47.0 37.0 55.4

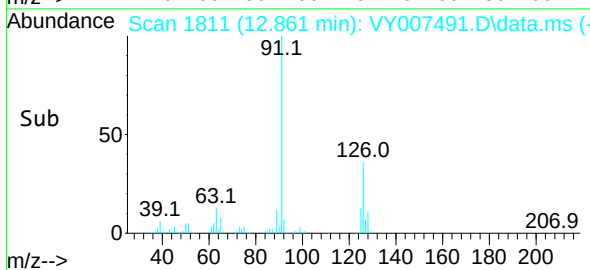
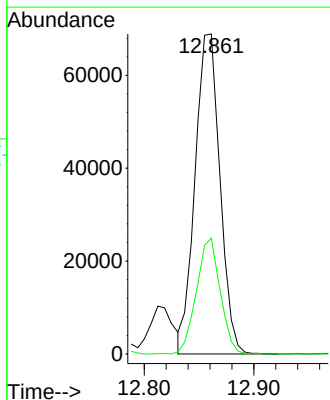
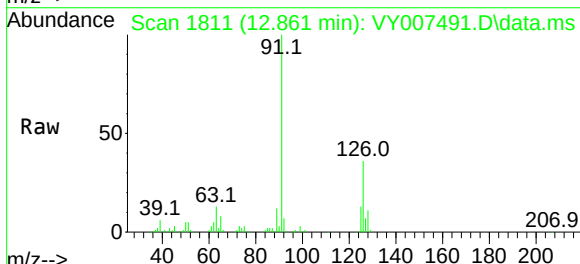
Manual Integrations
APPROVED

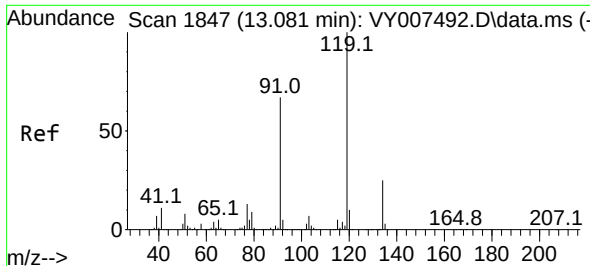
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 20.527 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 91 Resp: 108697
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





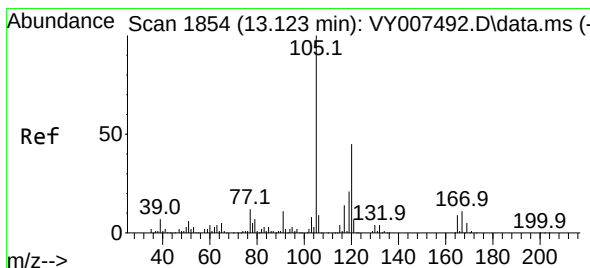
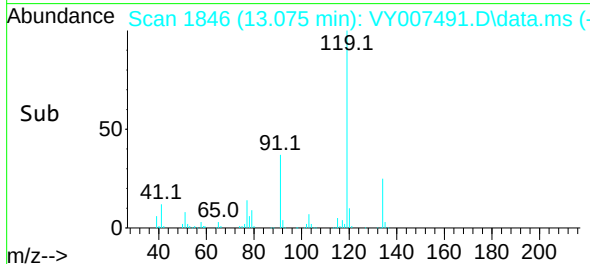
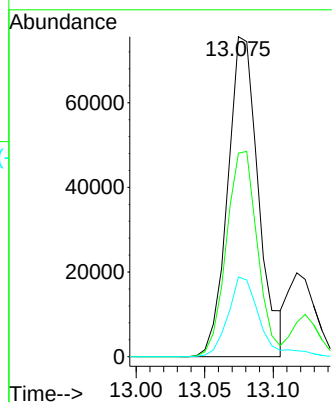
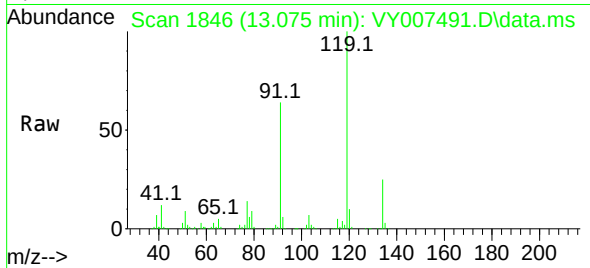
#83
tert-Butylbenzene
Concen: 21.053 ug/l
RT: 13.075 min Scan# 11854
Delta R.T. -0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 11854
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.4
134 25.8 13.3 39.9

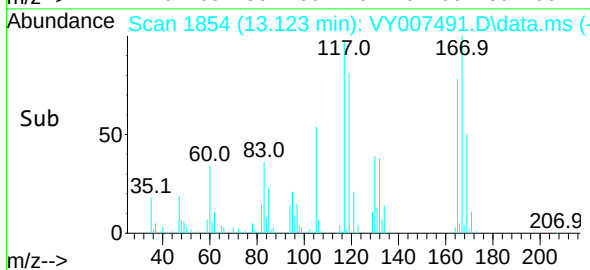
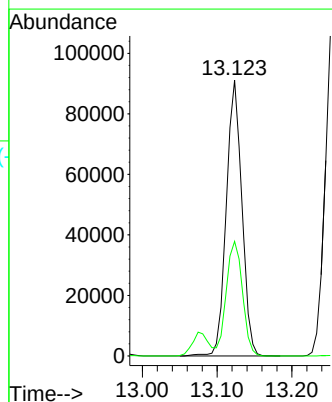
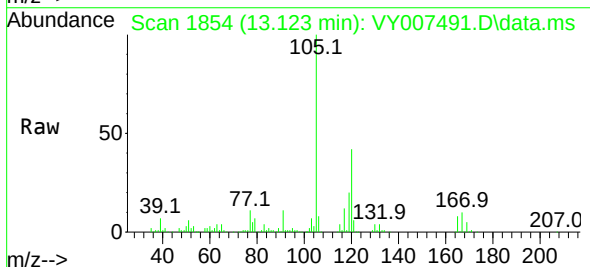
Manual Integrations
APPROVED

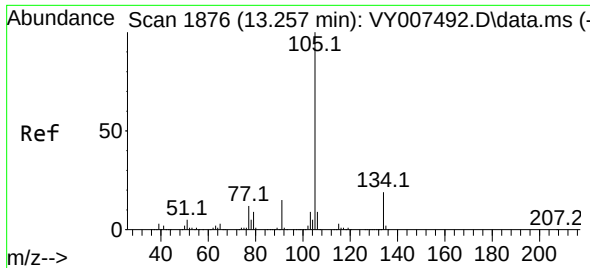
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.238 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion:105 Resp: 132159
Ion Ratio Lower Upper
105 100
120 42.8 22.3 66.9





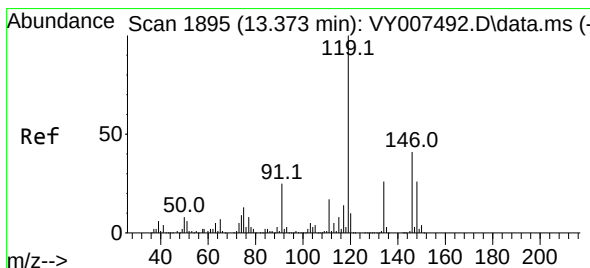
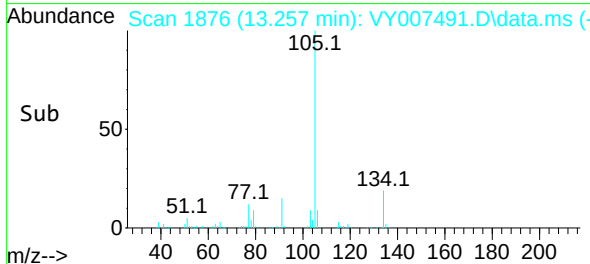
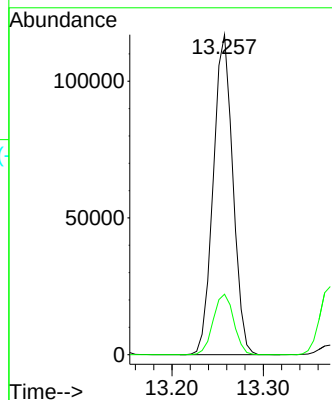
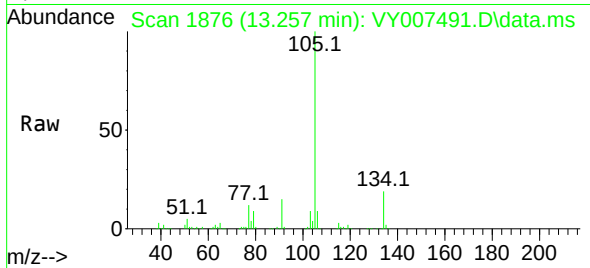
#85
 sec-Butylbenzene
 Concen: 20.998 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 17397
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

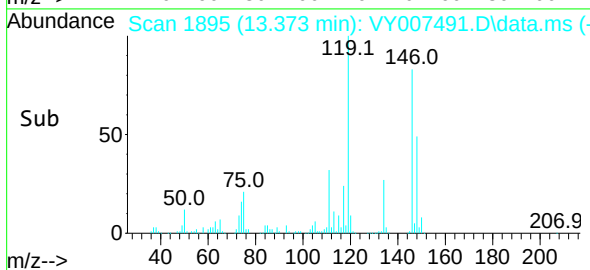
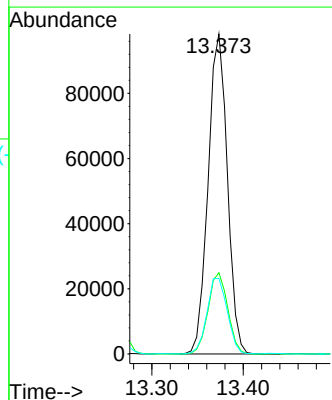
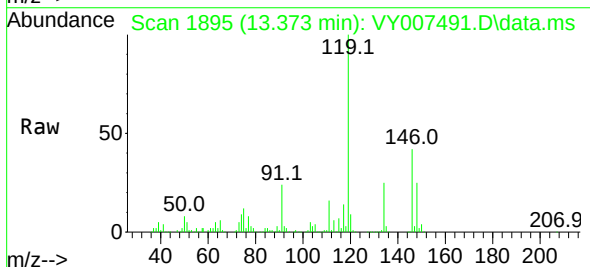
Manual Integrations
 APPROVED

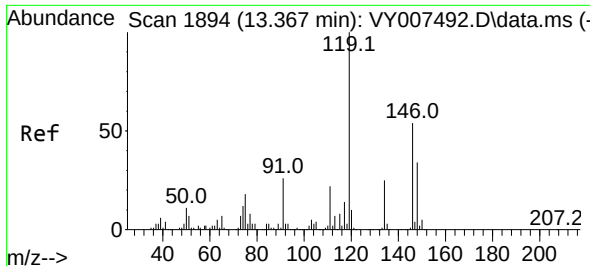
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 20.973 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007491.D
 Acq: 14 Feb 2022 12:05

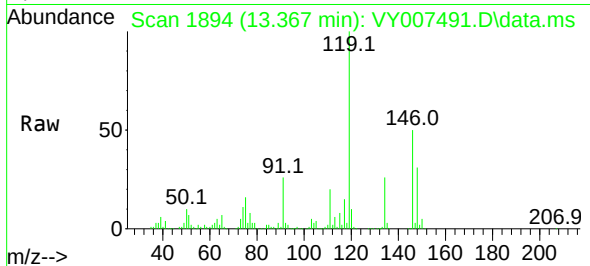
Tgt Ion:119 Resp: 143330
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.717 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

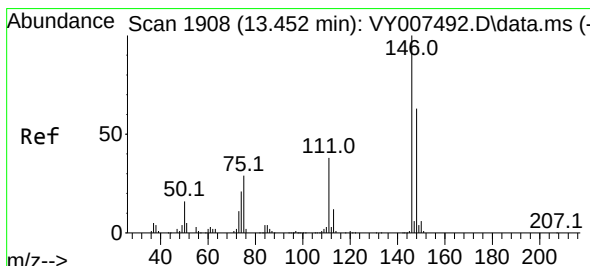
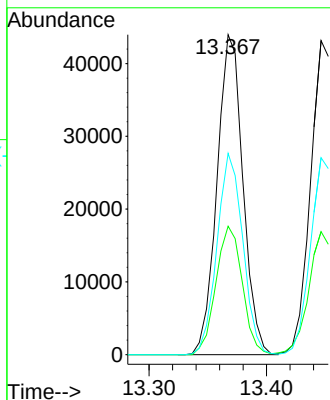
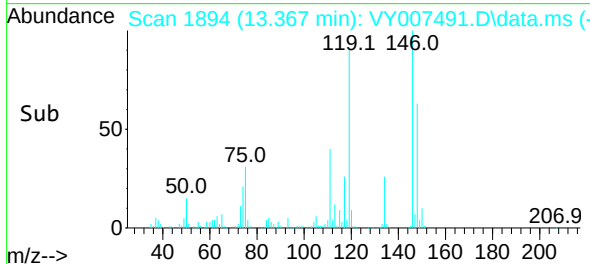
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



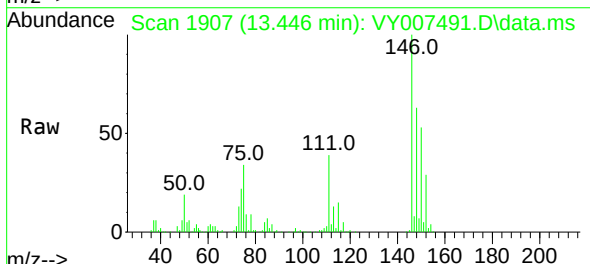
Tgt Ion:146 Resp: 67424
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 62.7 31.6 95.0

Manual Integrations
APPROVED

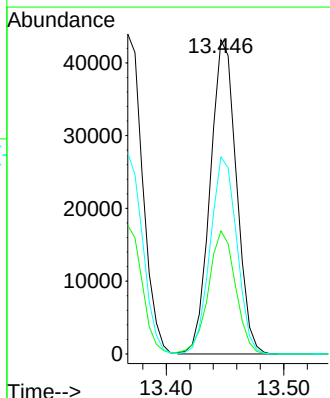
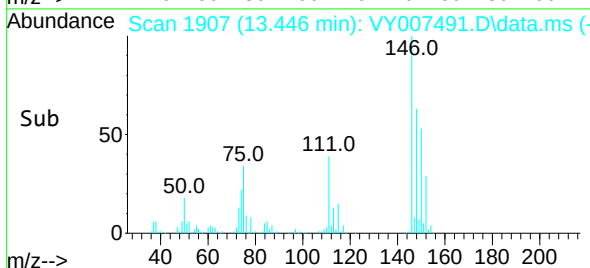
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

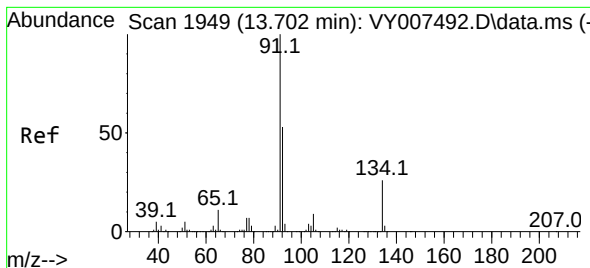


#88
1,4-Dichlorobenzene
Concen: 20.673 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05



Tgt Ion:146 Resp: 66746
Ion Ratio Lower Upper
146 100
111 40.6 19.3 57.8
148 63.8 32.6 97.8





#89

n-Butylbenzene

Concen: 20.896 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

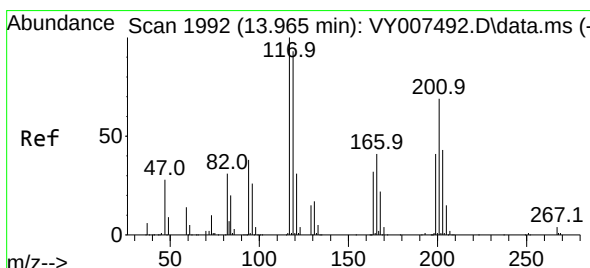
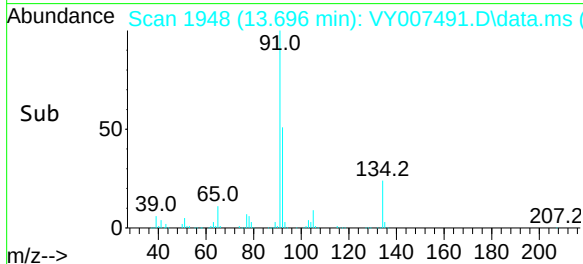
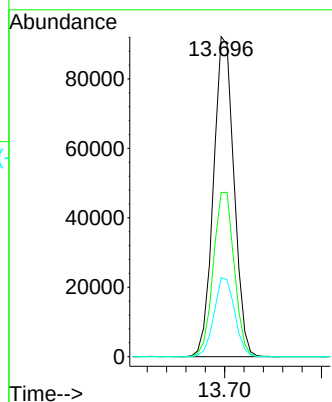
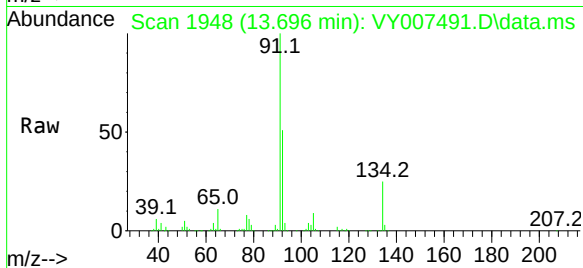
Tgt Ion: 91	Resp: 136014
Ion Ratio	Lower Upper
91	100
92	52.2 26.3 78.9
134	24.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#90

Hexachloroethane

Concen: 20.188 ug/l

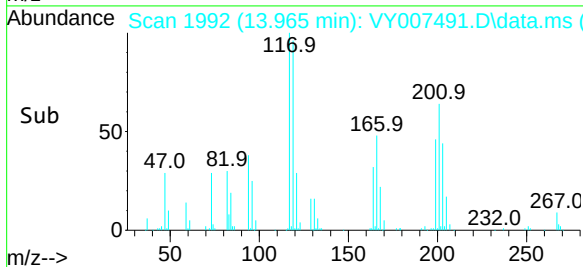
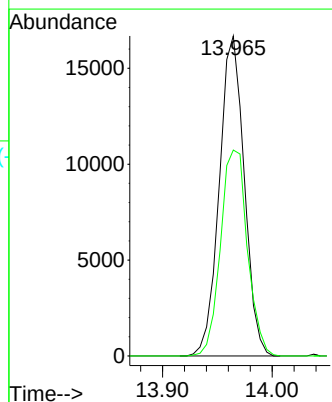
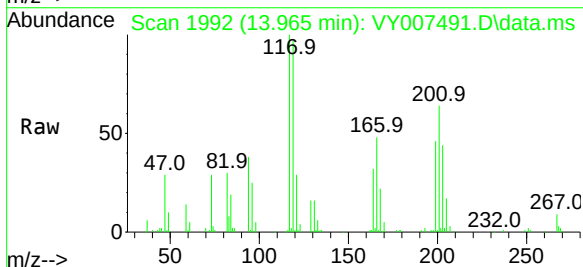
RT: 13.965 min Scan# 1992

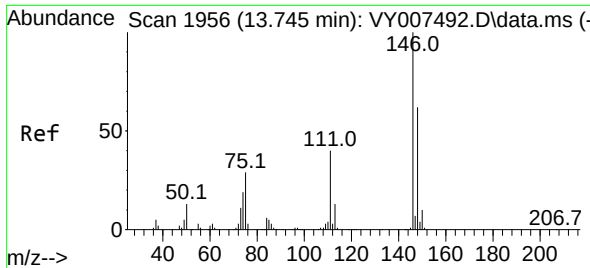
Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion: 117	Resp: 26342
Ion Ratio	Lower Upper
117	100
201	69.5 43.0 128.8





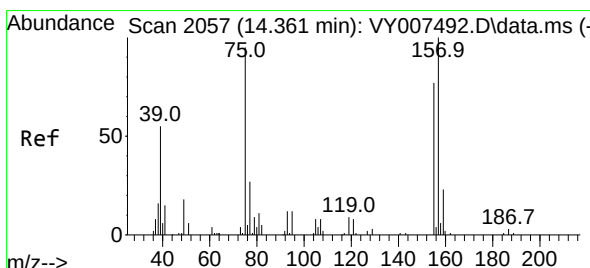
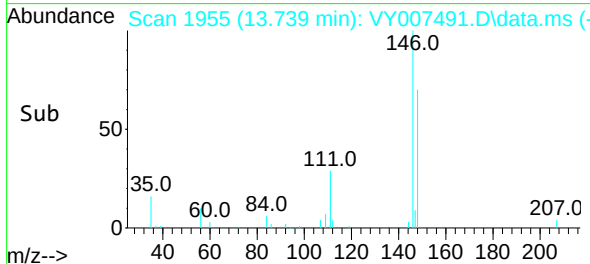
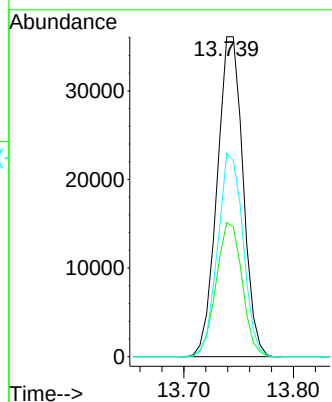
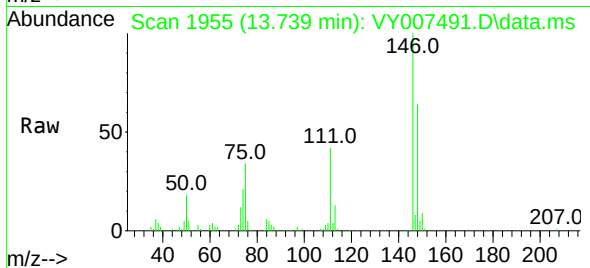
#91
1,2-Dichlorobenzene
Concen: 20.684 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 59338
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 62.2 32.3 96.9

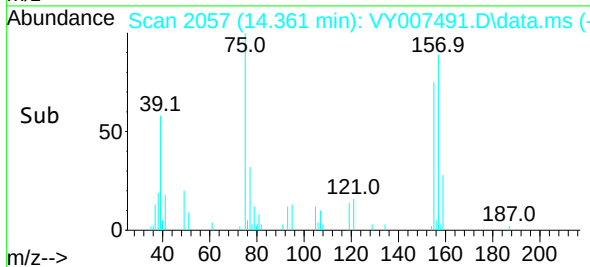
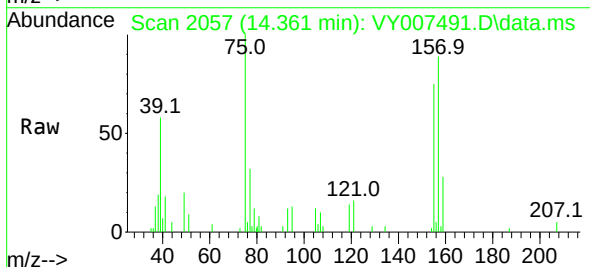
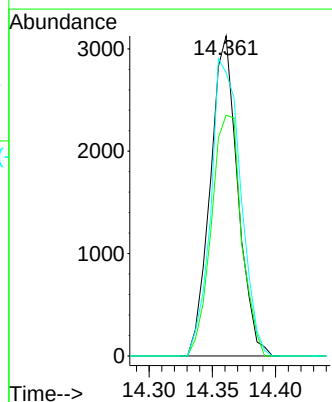
Manual Integrations
APPROVED

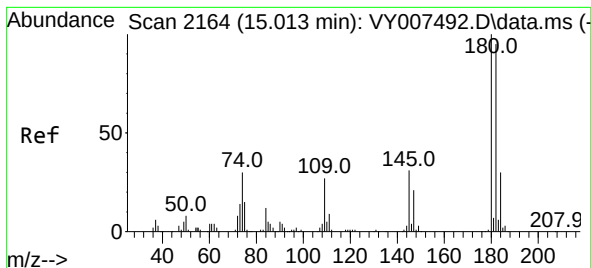
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.867 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007491.D
Acq: 14 Feb 2022 12:05

Tgt Ion: 75 Resp: 4712
Ion Ratio Lower Upper
75 100
155 82.3 38.0 113.9
157 100.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.326 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

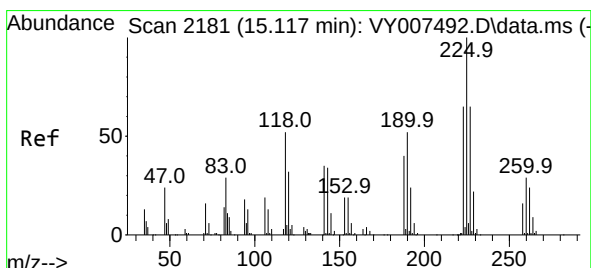
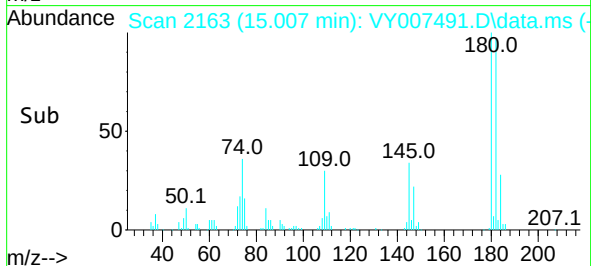
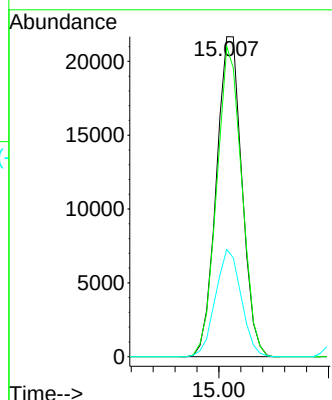
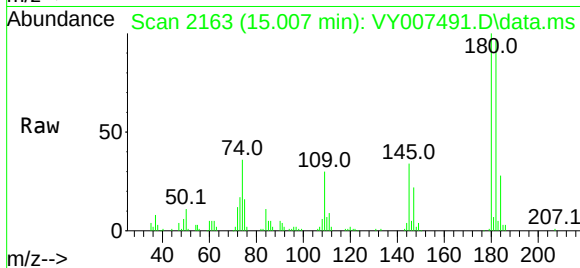
Tgt Ion:180	Resp:	3513
Ion Ratio	Lower	Upper
180	100	
182	95.2	47.3 141.9
145	33.7	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#94

Hexachlorobutadiene

Concen: 20.033 ug/l

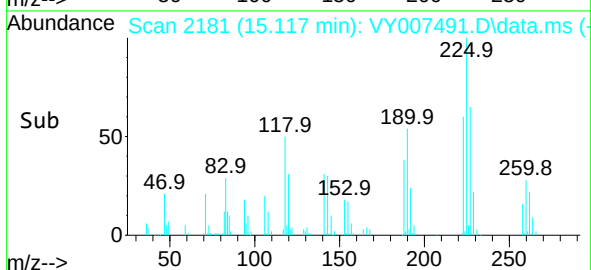
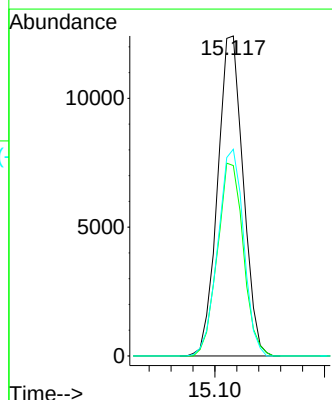
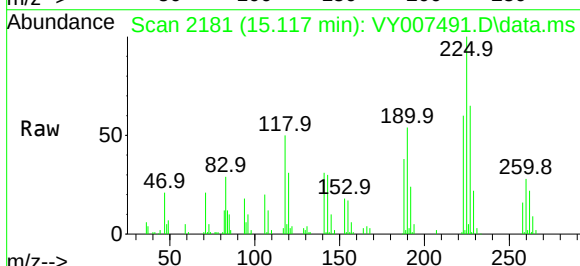
RT: 15.117 min Scan# 2181

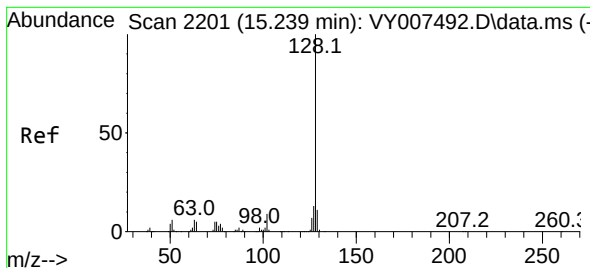
Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion:225	Resp:	20115
Ion Ratio	Lower	Upper
225	100	
223	61.1	30.8 92.3
227	64.9	31.6 94.7





#95

Naphthalene

Concen: 20.516 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

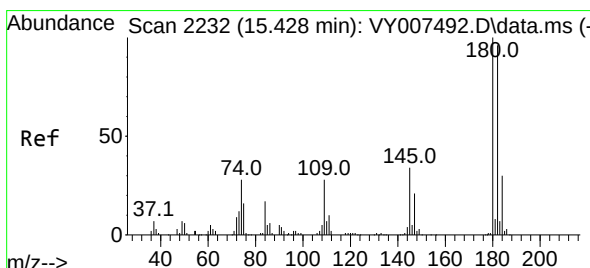
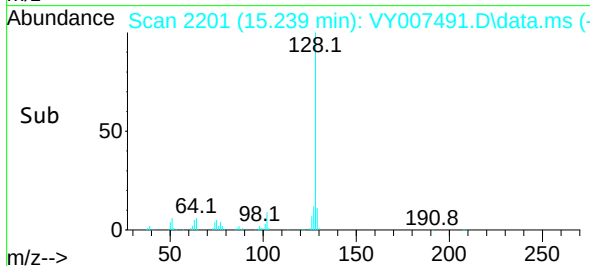
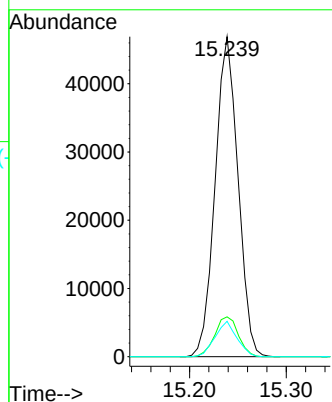
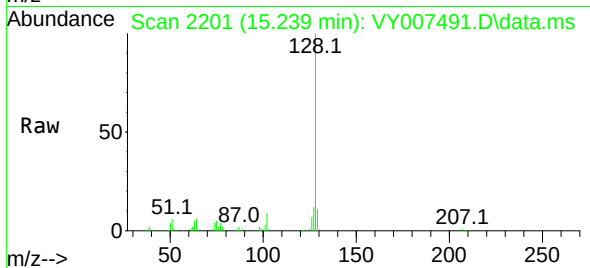
Tgt Ion:	128	Resp:	7695
Ion Ratio	Lower	Upper	
128	100		
127	12.8	11.0	16.4
129	10.6	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.166 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007491.D

Acq: 14 Feb 2022 12:05

Tgt Ion:	180	Resp:	30099
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	141.9
145	33.2	15.3	45.9

