

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007567.D
 Acq On : 21 Feb 2022 13:40
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 21 14:22:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	91739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	132907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139995	140.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 281.920%#			
35) Dibromofluoromethane	7.716	113	127532	140.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 280.360%#			
50) Toluene-d8	10.179	98	435967	128.464	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 256.920%#			
62) 4-Bromofluorobenzene	12.477	95	158400	137.363	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 274.720%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	156602	153.848	ug/l	98
3) Chloromethane	2.113	50	128647	129.646	ug/l	93
4) Vinyl Chloride	2.253	62	126752	124.499	ug/l	98
5) Bromomethane	2.631	94	80640	113.153	ug/l	92
6) Chloroethane	2.790	64	79167	129.139	ug/l	98
7) Trichlorofluoromethane	3.125	101	316067	161.487	ug/l	97
8) Diethyl Ether	3.528	74	80351	145.536	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.893	101	144565	137.201	ug/l	95
10) Methyl Iodide	4.088	142	190224	145.458	ug/l	98
11) Tert butyl alcohol	4.954	59	65499	831.780	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	129233	132.773	ug/l	84
13) Acrolein	3.729	56	35410	464.002	ug/l	99
14) Allyl chloride	4.479	41	140664	106.796	ug/l #	71
15) Acrylonitrile	5.161	53	149846	630.068	ug/l	98
16) Acetone	3.948	43	176080	696.708	ug/l	93
17) Carbon Disulfide	4.192	76	325790	117.817	ug/l	99
18) Methyl Acetate	4.473	43	66117	119.711	ug/l #	76
19) Methyl tert-butyl Ether	5.216	73	378360	139.801	ug/l	92
20) Methylene Chloride	4.716	84	134094	124.373	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	127194	120.795	ug/l #	82
22) Diisopropyl ether	6.119	45	268349	97.431	ug/l #	83
23) Vinyl Acetate	6.064	43	985602	555.911	ug/l #	84
24) 1,1-Dichloroethane	6.015	63	207449	117.498	ug/l	97
25) 2-Butanone	6.984	43	185958	594.595	ug/l #	70
26) 2,2-Dichloropropane	6.984	77	234839	130.702	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	148973	126.198	ug/l	84
28) Bromochloromethane	7.338	49	73483	111.352	ug/l #	46
29) Tetrahydrofuran	7.350	42	105215	568.003	ug/l #	67
30) Chloroform	7.509	83	255239	131.093	ug/l	99
31) Cyclohexane	7.789	56	158077	93.381	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	255914	137.648	ug/l	94
36) 1,1-Dichloropropene	7.917	75	177838	124.074	ug/l	96
37) Ethyl Acetate	7.076	43	81064	126.995	ug/l #	92
38) Carbon Tetrachloride	7.899	117	250916	150.077	ug/l	98
39) Methylcyclohexane	9.185	83	227853	123.182	ug/l #	81
40) Benzene	8.161	78	492370	125.617	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	31999m	78.742	ug/l	
42) 1,2-Dichloroethane	8.240	62	179744	147.160	ug/l	96
43) Isopropyl Acetate	8.277	43	170208	130.642	ug/l #	85
44) Trichloroethene	8.941	130	158336	139.300	ug/l	98
45) 1,2-Dichloropropane	9.216	63	116555	125.675	ug/l	95
46) Dibromomethane	9.307	93	89892	150.847	ug/l	97
47) Bromodichloromethane	9.496	83	209111	145.398	ug/l #	99
48) Methyl methacrylate	9.295	41	71328	124.239	ug/l #	62
49) 1,4-Dioxane	9.301	88	19833	3108.555	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	414018	642.412	ug/l #	87
52) Toluene	10.246	92	337806	133.379	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	214862	145.014	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	223313	135.182	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	112489	143.848	ug/l	95
56) Ethyl methacrylate	10.508	69	147314	141.918	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	184222	137.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	363834	674.790	ug/l #	82
59) 2-Hexanone	10.831	43	307957	668.625	ug/l	87
60) Dibromochloromethane	10.984	129	165749	164.968	ug/l	99
61) 1,2-Dibromoethane	11.087	107	119170	151.444	ug/l	99
64) Tetrachloroethene	10.721	164	137159	132.170	ug/l	97
65) Chlorobenzene	11.514	112	379290	133.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	161762	149.284	ug/l	99
67) Ethyl Benzene	11.593	91	690070	130.856	ug/l	99
68) m/p-Xylenes	11.703	106	527024	263.494	ug/l	100
69) o-Xylene	12.026	106	253697	133.805	ug/l	97
70) Styrene	12.044	104	426229	136.758	ug/l	100
71) Bromoform	12.209	173	104459	172.208	ug/l #	99
73) Isopropylbenzene	12.325	105	679339	120.002	ug/l	99
74) N-amyl acetate	12.142	43	152644	121.804	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	125511	129.834	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	116248m	154.776	ug/l	
77) Bromobenzene	12.605	156	165196	134.347	ug/l	89
78) n-propylbenzene	12.672	91	812430	120.120	ug/l	98
79) 2-Chlorotoluene	12.758	91	453280	121.516	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	589998	125.622	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	47245	134.972	ug/l	89
82) 4-Chlorotoluene	12.855	91	472825	123.520	ug/l	98
83) tert-Butylbenzene	13.075	119	523137	126.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	588100	128.727	ug/l	98
85) sec-Butylbenzene	13.251	105	755292	124.936	ug/l	99
86) p-Isopropyltoluene	13.367	119	640716	128.136	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	316385	132.772	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	320716	135.187	ug/l	99
89) n-Butylbenzene	13.696	91	585209	123.660	ug/l	99
90) Hexachloroethane	13.959	117	130790	135.352	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	283458	134.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27282	162.128	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	198477	154.442	ug/l	98
94) Hexachlorobutadiene	15.111	225	114054	151.733	ug/l	99
95) Naphthalene	15.233	128	436783	156.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	173279	155.801	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 14:18:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Manual Integrations

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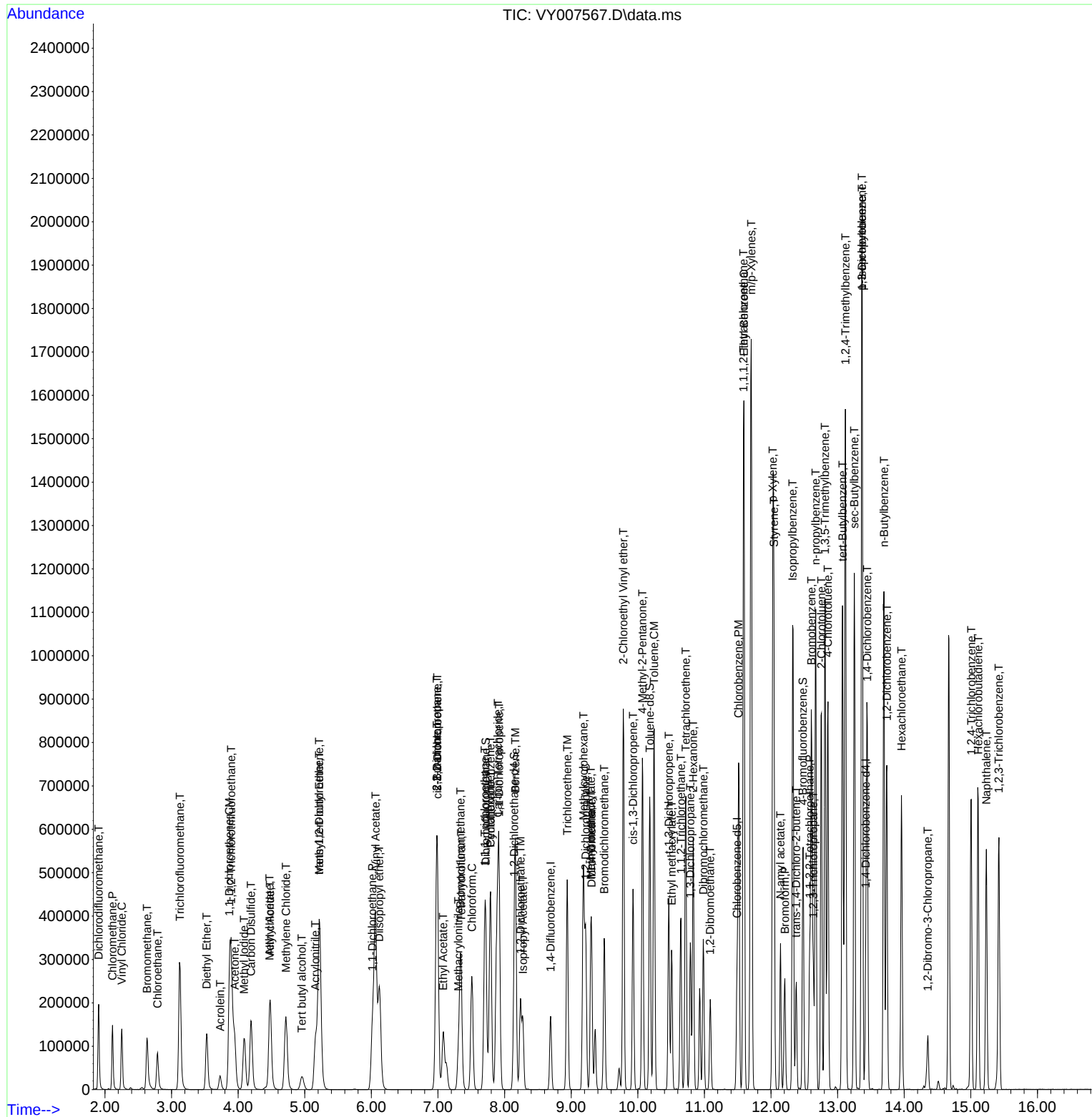
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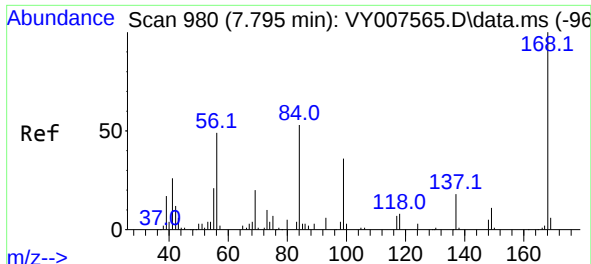
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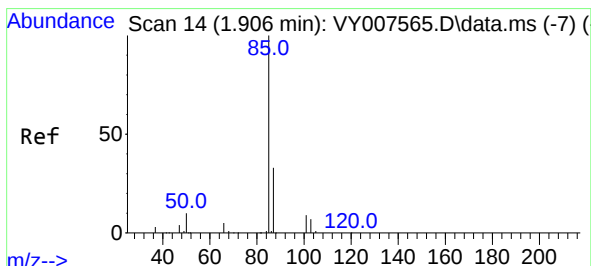
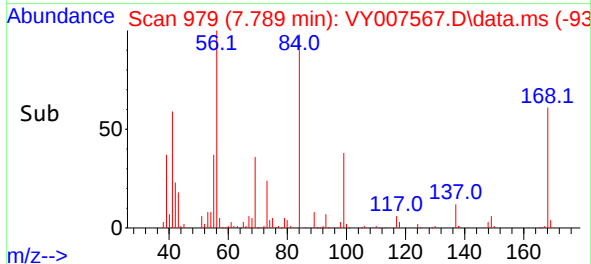
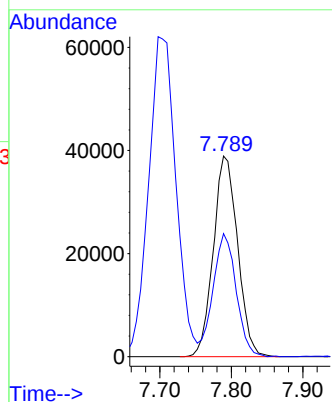
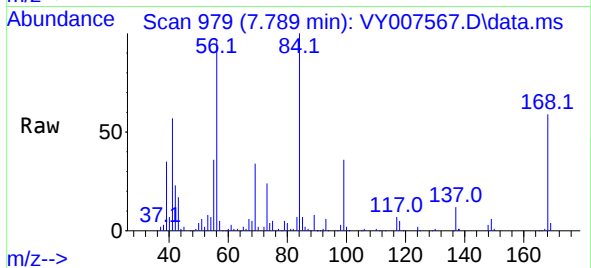
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

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ClientSampleId :
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Tgt Ion:168 Resp: 91739
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3

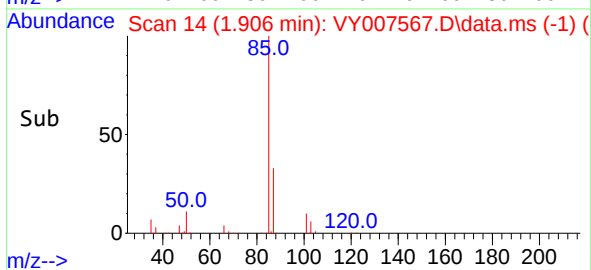
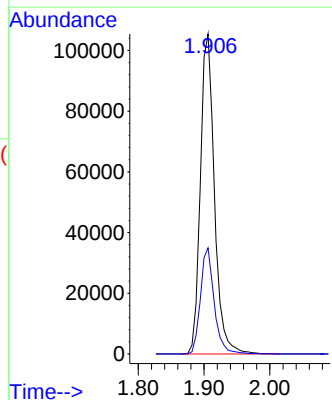
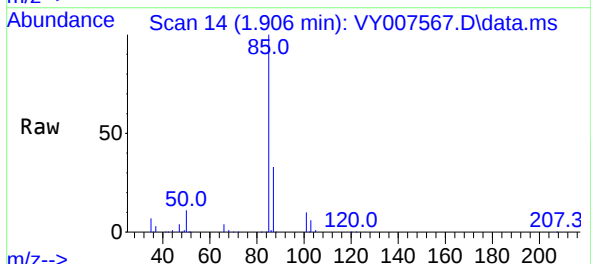
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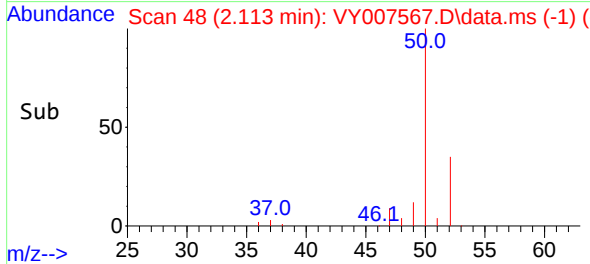
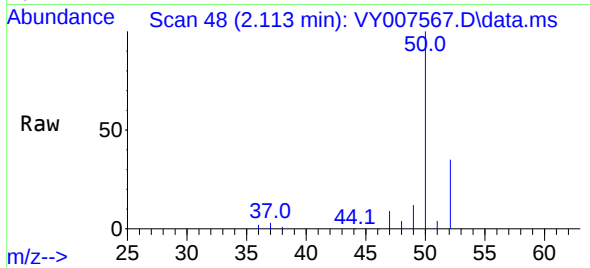
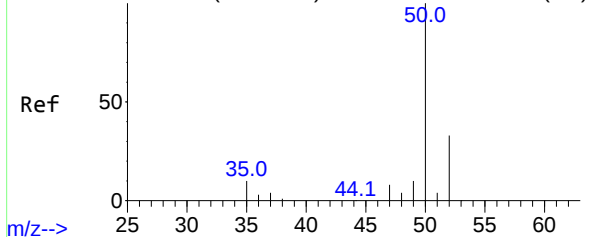


#2
Dichlorodifluoromethane
Concen: 153.848 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion: 85 Resp: 156602
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY007565.D\data.ms (-42)



#3

Chloromethane

Concen: 129.646 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Tgt Ion: 50 Resp: 12864

Ion Ratio Lower Upper

50 100

52 34.9 24.6 37.0

Instrument :

MSVOA_Y

ClientSampleId :

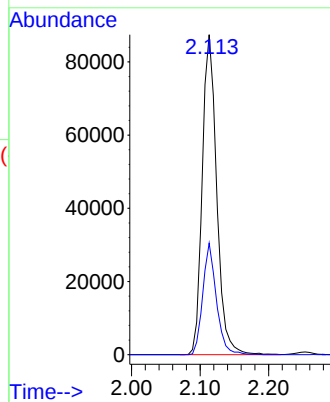
VSTDICC150

Manual Integrations

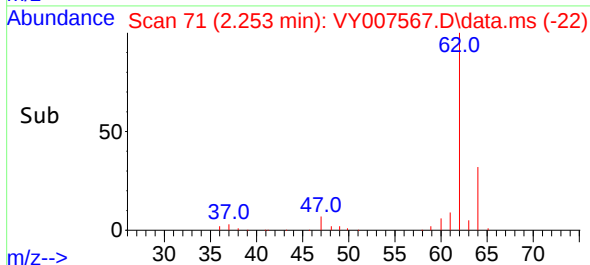
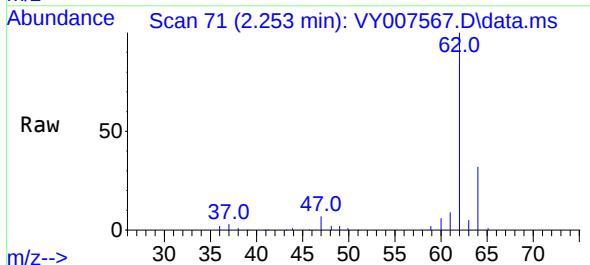
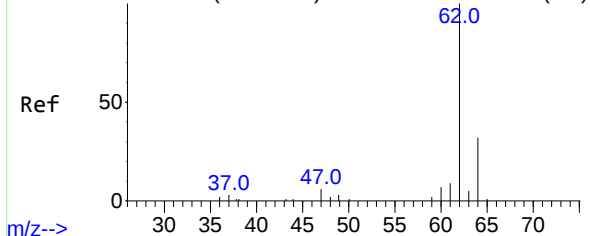
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Abundance Scan 71 (2.253 min): VY007565.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 124.499 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007567.D

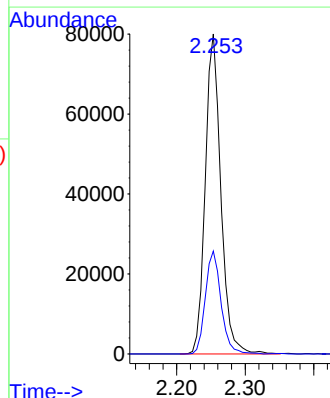
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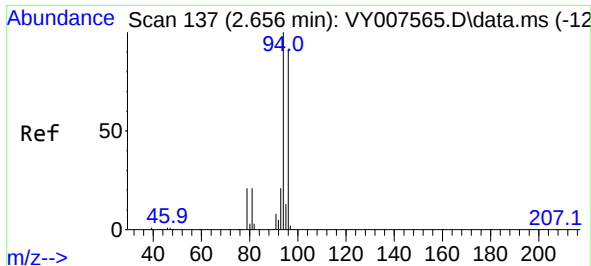
Tgt Ion: 62 Resp: 126752

Ion Ratio Lower Upper

62 100

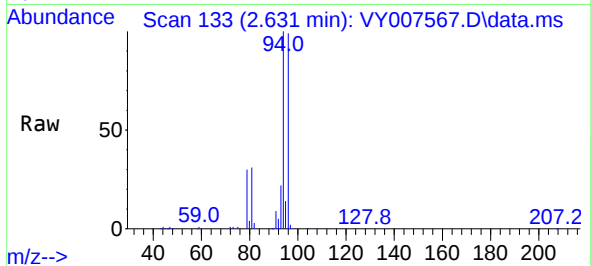
64 32.1 25.0 37.6





#5
Bromomethane
Concen: 113.153 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

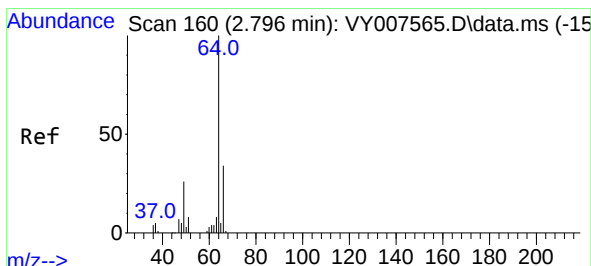
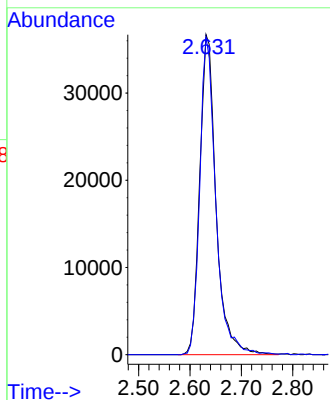
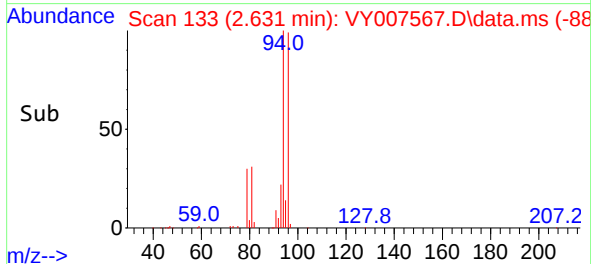
Instrument :
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Tgt Ion: 94 Resp: 80640
Ion Ratio Lower Upper
94 100
96 99.1 73.5 110.3

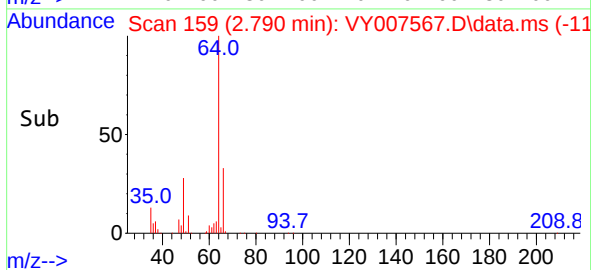
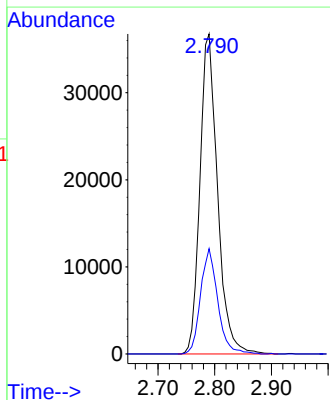
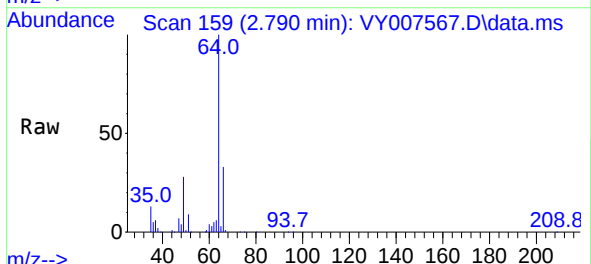
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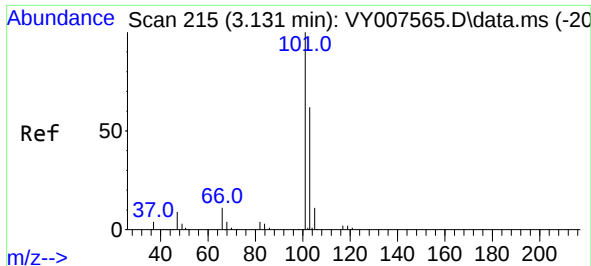
Reviewed By :John Carlone 02/22/2022
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#6
Chloroethane
Concen: 129.139 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

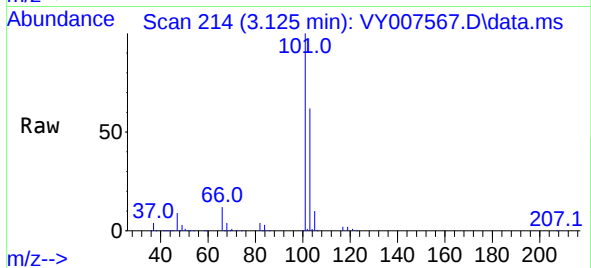
Tgt Ion: 64 Resp: 79167
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 161.487 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

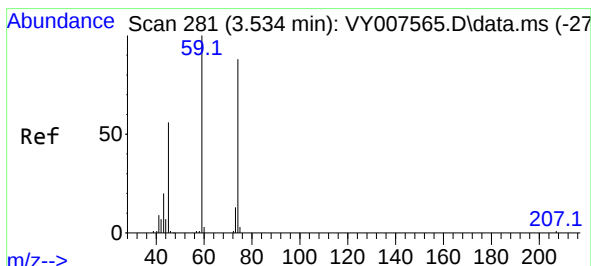
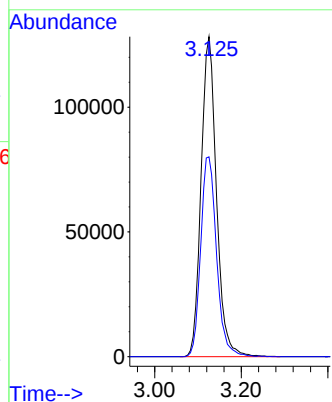
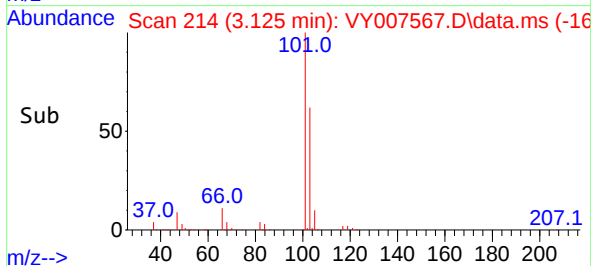
Instrument :
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Tgt Ion:101 Resp: 31606
Ion Ratio Lower Upper
101 100
103 62.5 48.0 72.0

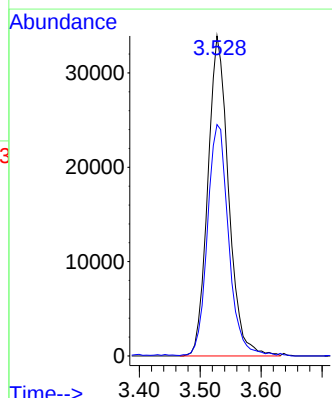
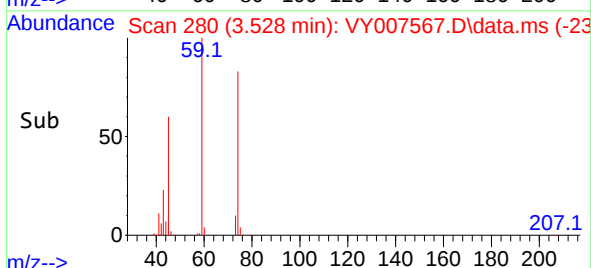
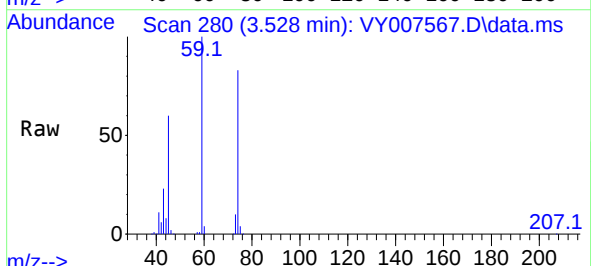
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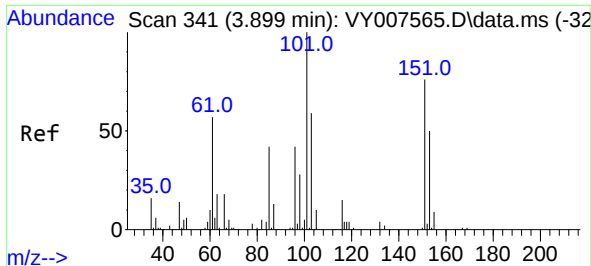
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#8
Diethyl Ether
Concen: 145.536 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion: 74 Resp: 80351
Ion Ratio Lower Upper
74 100
45 73.1 55.1 165.5





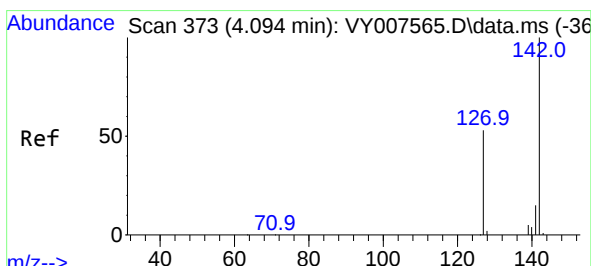
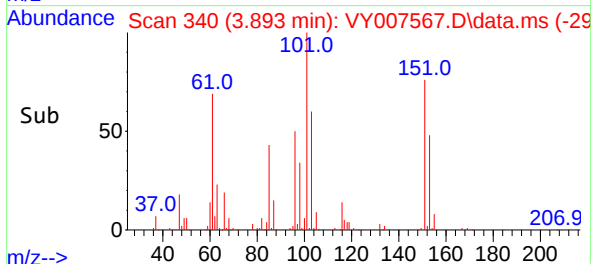
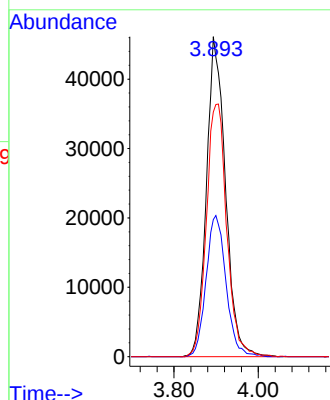
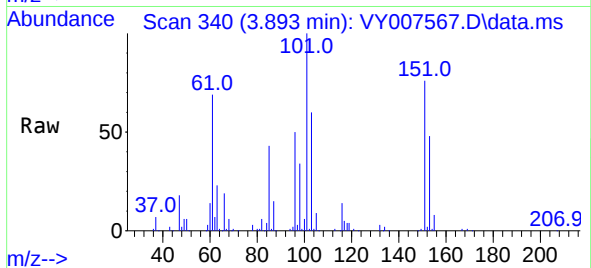
#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.201 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 14456
Ion Ratio Lower Upper
101 100
85 46.3 40.6 60.8
151 84.6 64.9 97.3

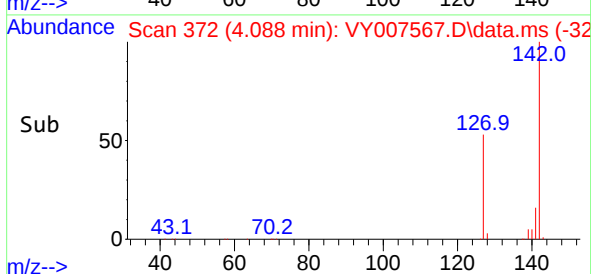
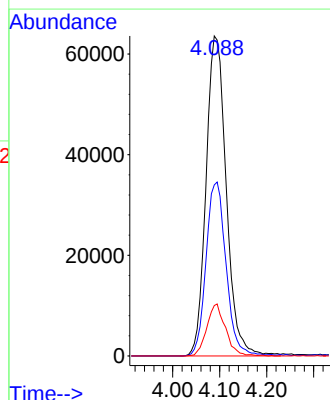
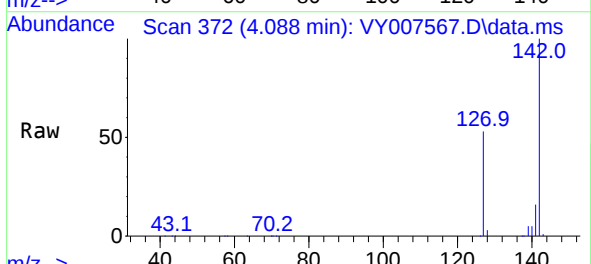
Manual Integrations
APPROVED

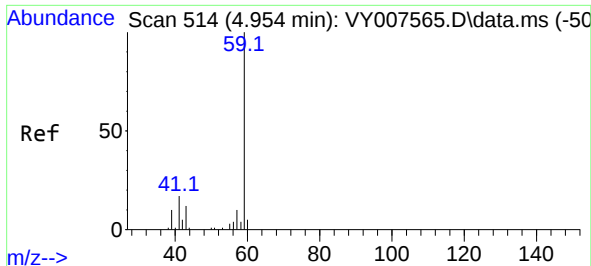
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 145.458 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

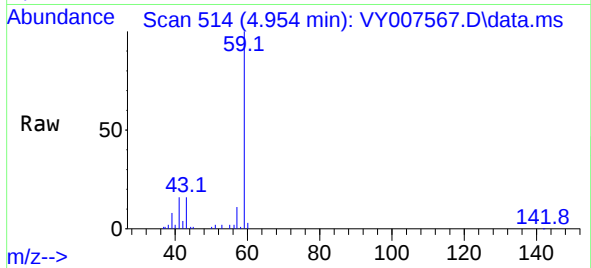
Tgt Ion:142 Resp: 190224
Ion Ratio Lower Upper
142 100
127 53.7 41.5 62.3
141 15.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 831.780 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

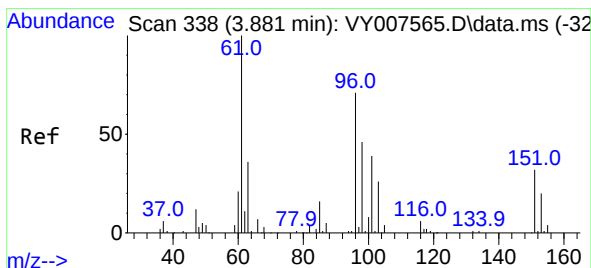
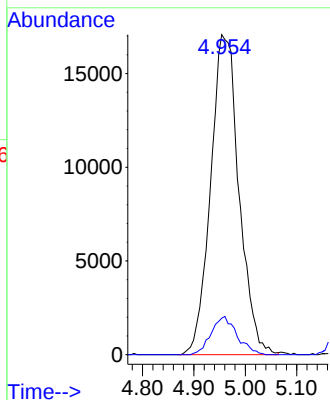
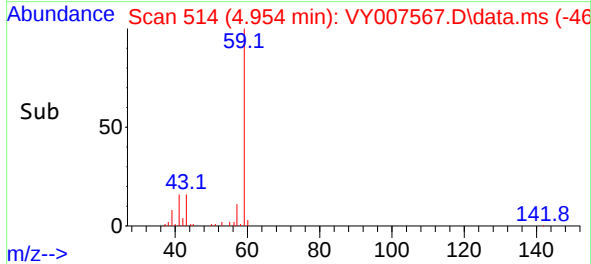
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



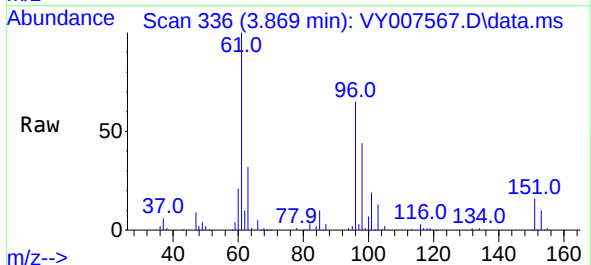
Tgt Ion: 59 Resp: 65499
Ion Ratio Lower Upper
59 100
57 10.9 6.4 9.6

Manual Integrations
APPROVED

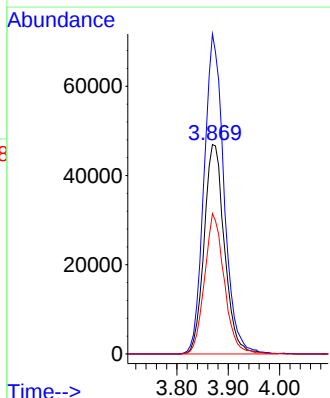
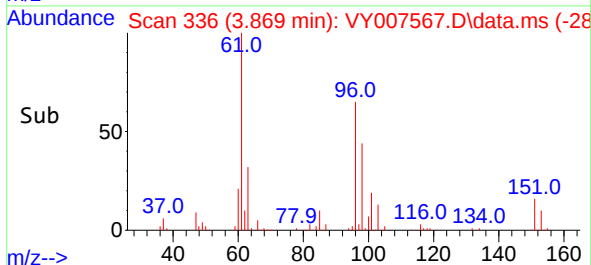
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

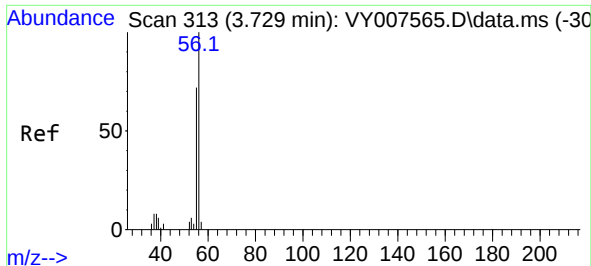


#12
1,1-Dichloroethene
Concen: 132.773 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



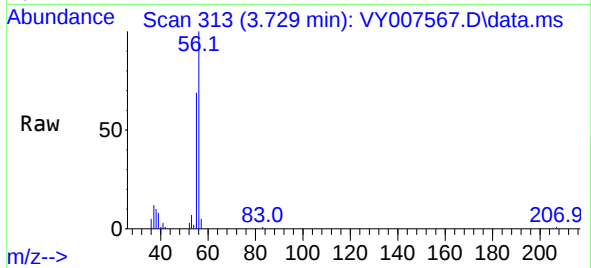
Tgt Ion: 96 Resp: 129233
Ion Ratio Lower Upper
96 100
61 152.8 145.8 218.6
98 67.0 52.5 78.7





#13
Acrolein
Concen: 464.002 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

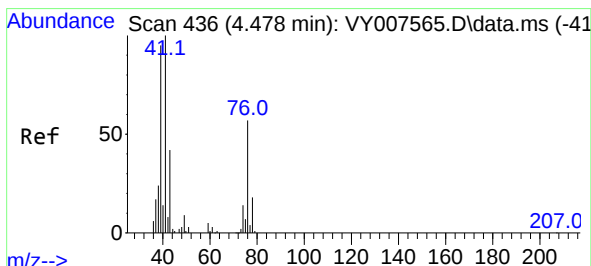
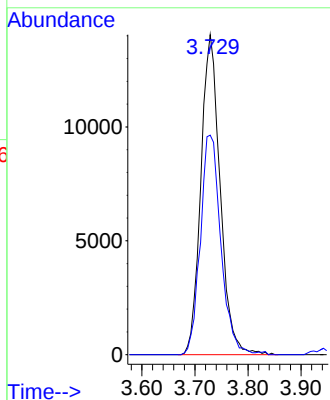
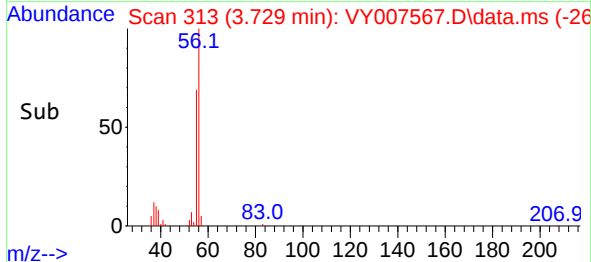
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



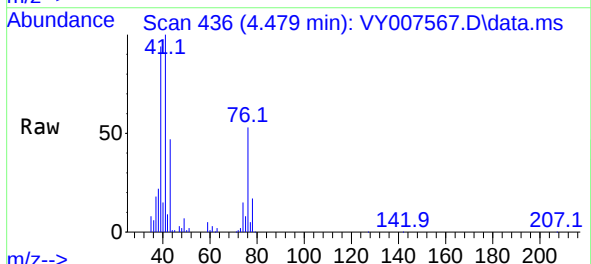
Tgt Ion: 56 Resp: 35410
Ion Ratio Lower Upper
56 100
55 72.9 57.6 86.4

Manual Integrations
APPROVED

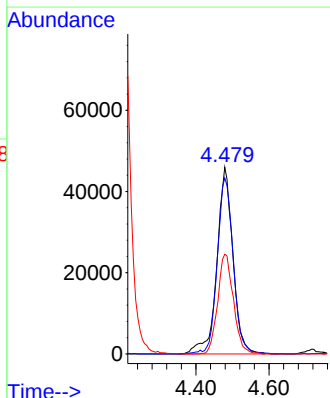
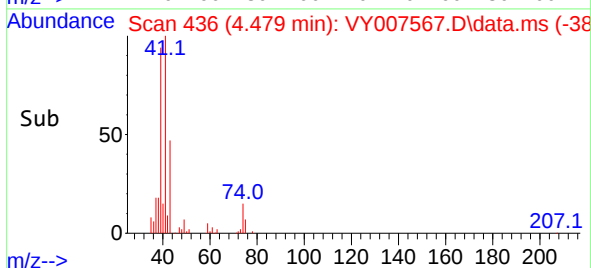
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

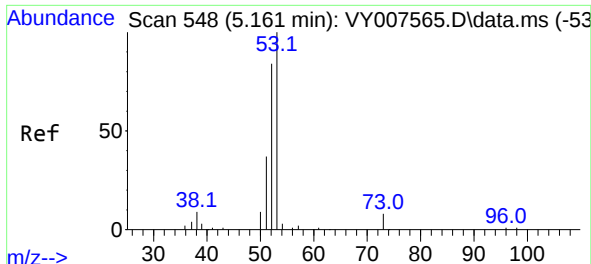


#14
Allyl chloride
Concen: 106.796 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



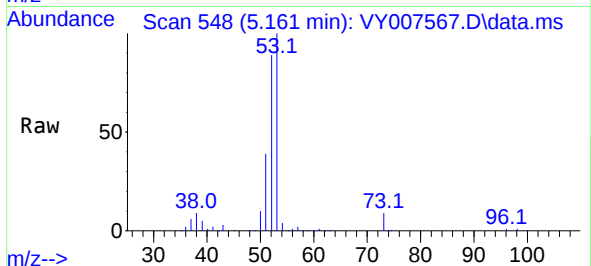
Tgt Ion: 41 Resp: 140664
Ion Ratio Lower Upper
41 100
39 94.2 58.8 88.2#
76 52.3 25.1 37.7#





#15
Acrylonitrile
Concen: 630.068 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

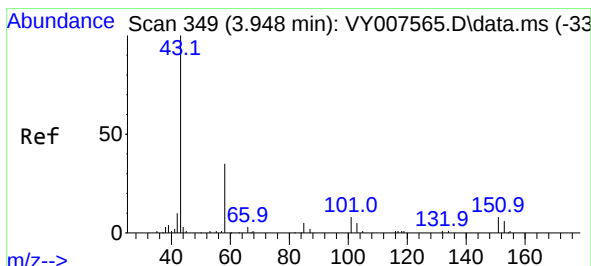
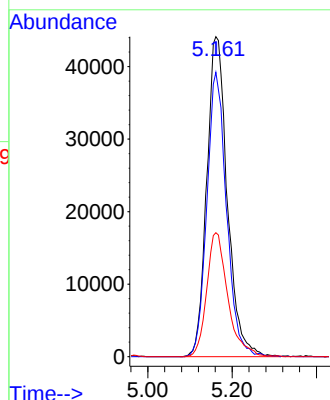
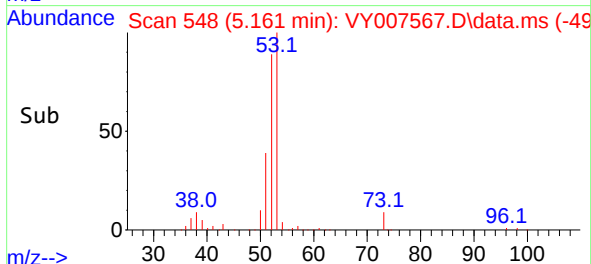
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



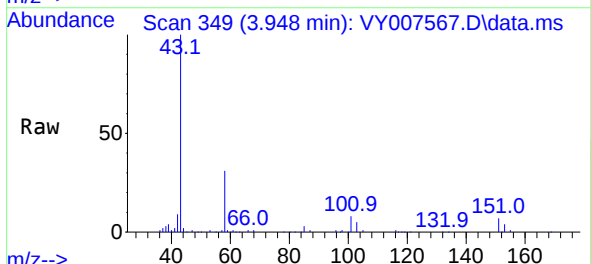
Tgt Ion: 53 Resp: 149840
Ion Ratio Lower Upper
53 100
52 85.0 67.0 100.4
51 39.7 29.8 44.6

Manual Integrations
APPROVED

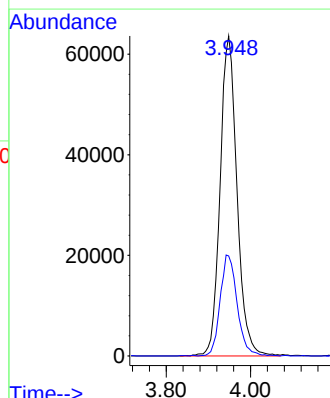
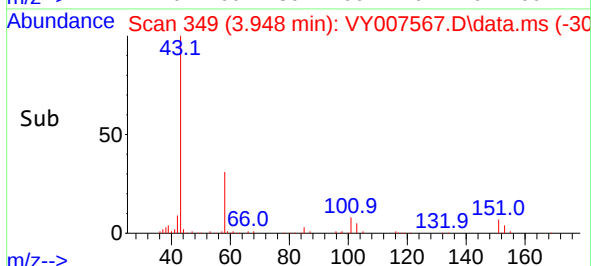
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

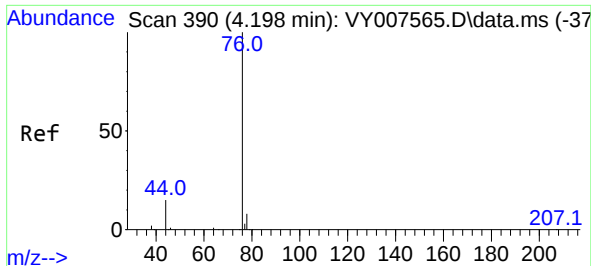


#16
Acetone
Concen: 696.708 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



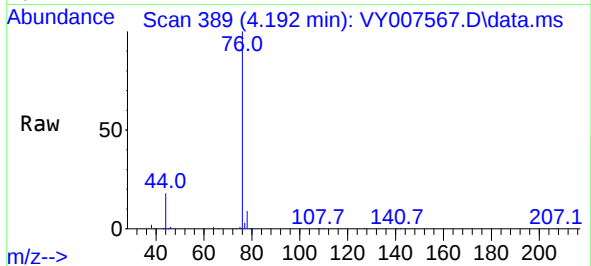
Tgt Ion: 43 Resp: 176080
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17
Carbon Disulfide
Concen: 117.817 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

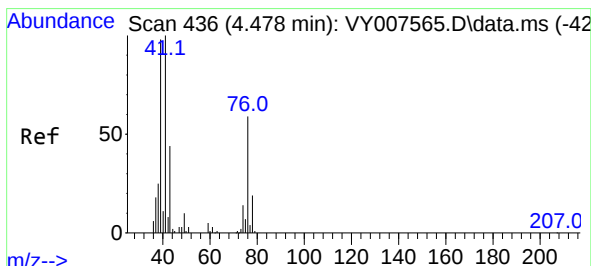
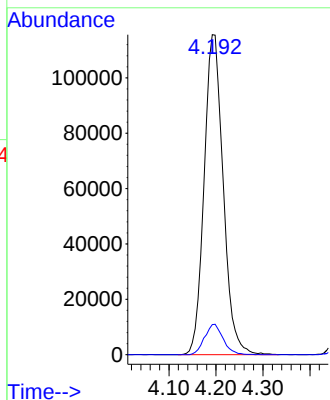
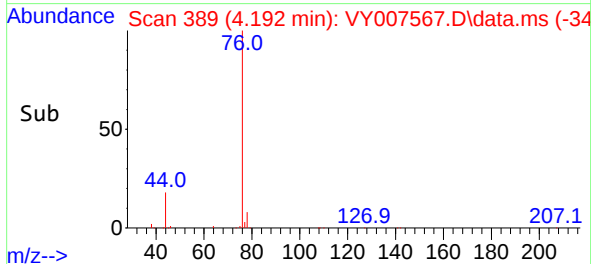
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 325790
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

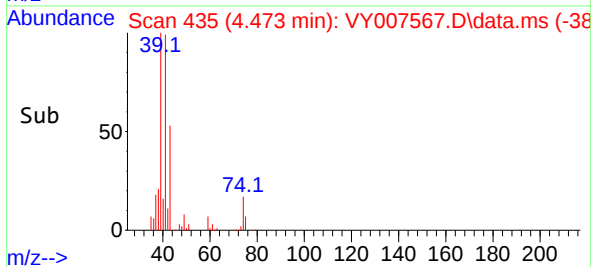
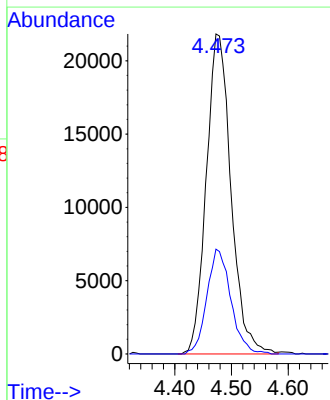
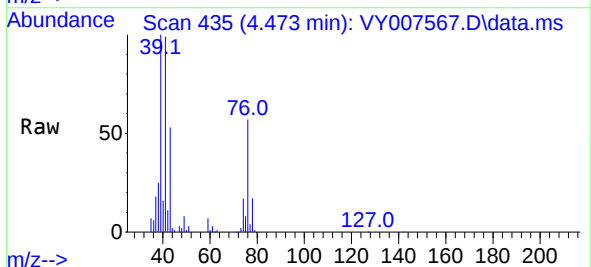
Manual Integrations
APPROVED

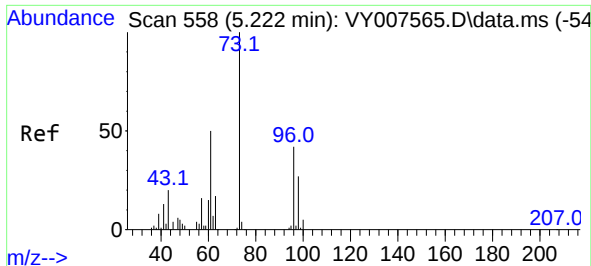
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
Methyl Acetate
Concen: 119.711 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

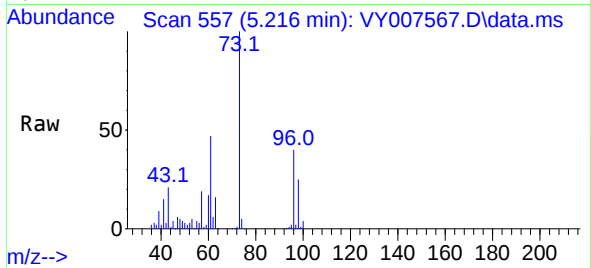
Tgt Ion: 43 Resp: 66117
Ion Ratio Lower Upper
43 100
74 31.7 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 139.801 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

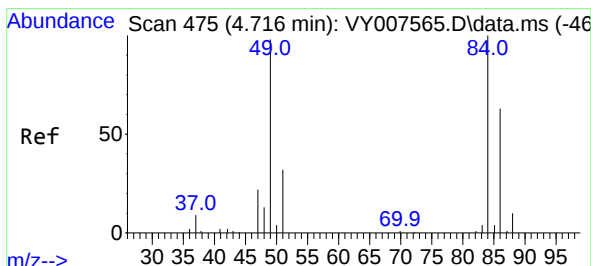
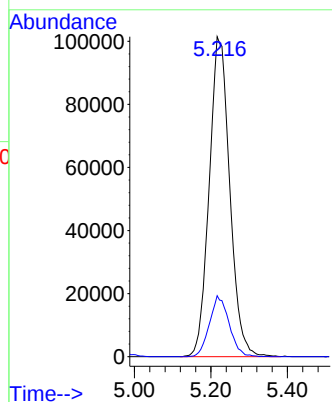
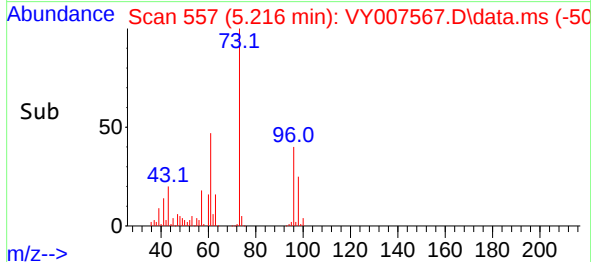
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



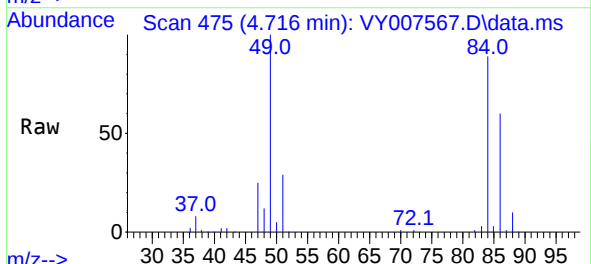
Tgt Ion: 73 Resp: 378360
Ion Ratio Lower Upper
73 100
57 19.1 18.6 27.8

Manual Integrations
APPROVED

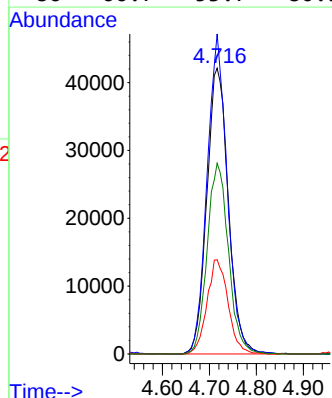
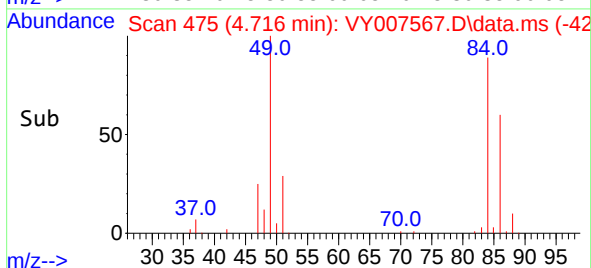
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

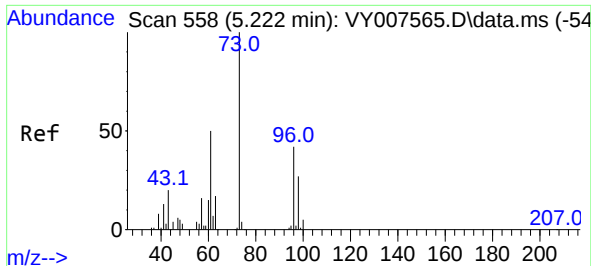


#20
Methylene Chloride
Concen: 124.373 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



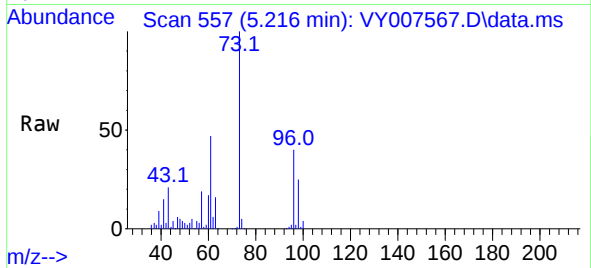
Tgt Ion: 84 Resp: 134094
Ion Ratio Lower Upper
84 100
49 112.0 114.4 171.6#
51 33.0 35.3 52.9#
86 66.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 120.795 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

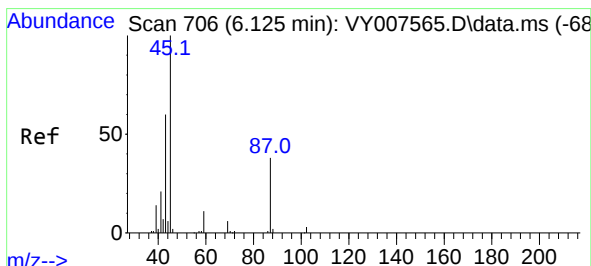
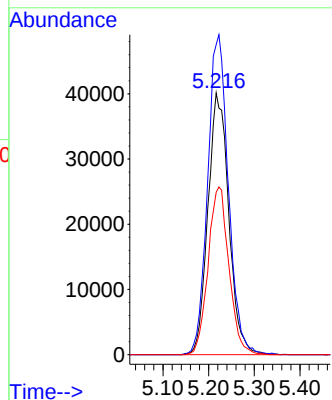
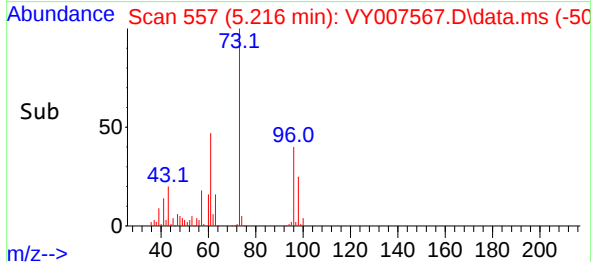
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 127194
Ion Ratio Lower Upper
96 100
61 118.5 120.5 180.7
98 62.1 49.8 74.8

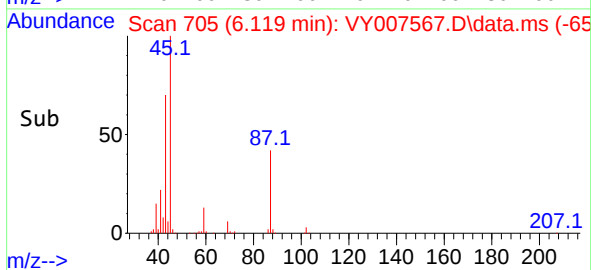
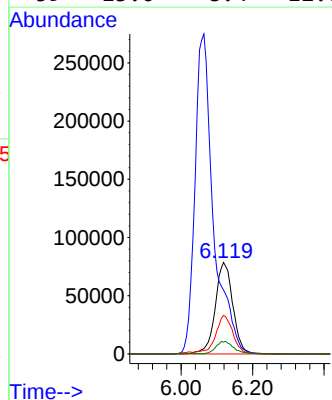
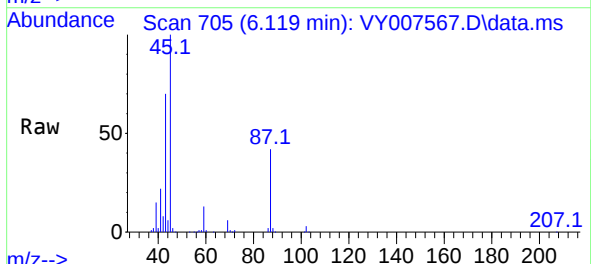
Manual Integrations
APPROVED

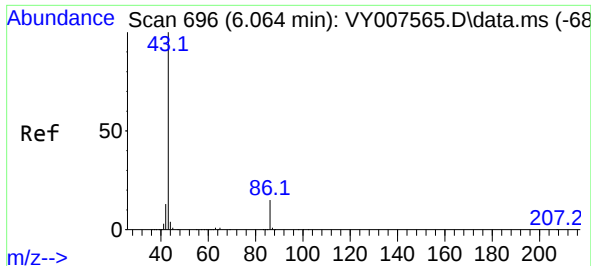
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#22
Diisopropyl ether
Concen: 97.431 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion: 45 Resp: 268349
Ion Ratio Lower Upper
45 100
43 69.6 49.3 73.9
87 42.1 19.2 28.8#
59 13.0 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 555.911 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007567.D
 Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

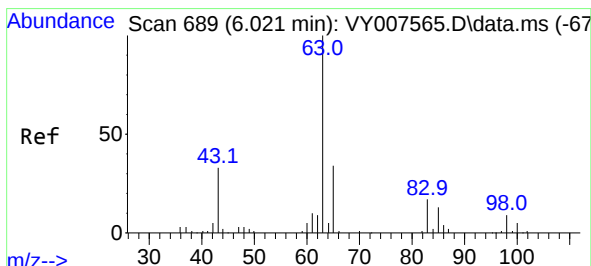
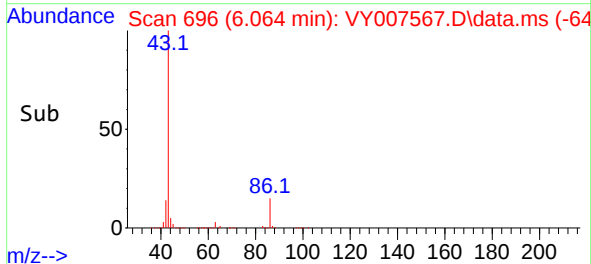
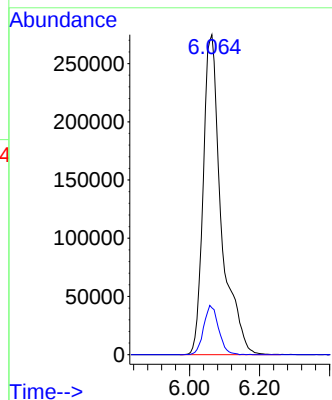
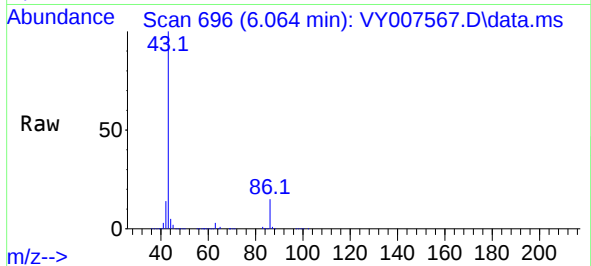
VSTDIC150

Tgt Ion: 43 Resp: 985602
 Ion Ratio Lower Upper
 43 100
 86 14.7 7.1 10.7

Manual Integrations

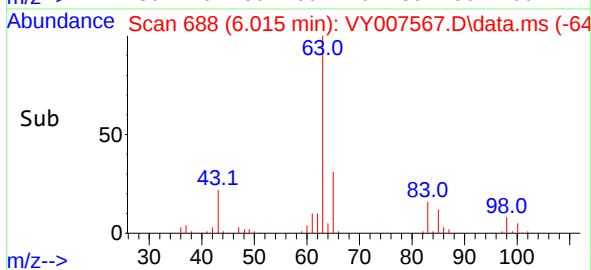
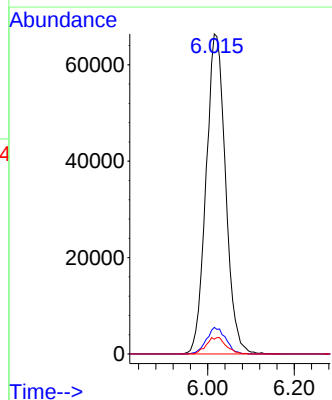
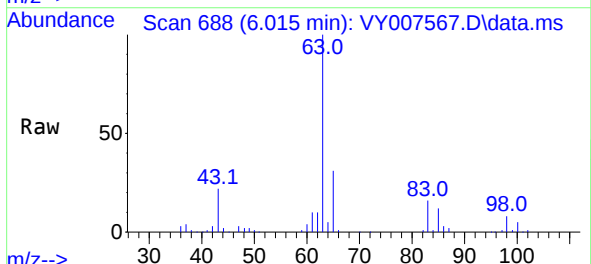
APPROVED

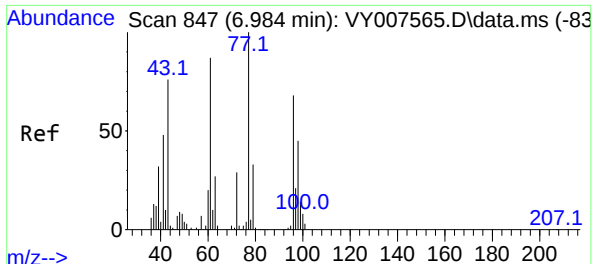
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#24
 1,1-Dichloroethane
 Concen: 117.498 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007567.D
 Acq: 21 Feb 2022 13:40

Tgt Ion: 63 Resp: 207449
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 4.6 2.0 5.8





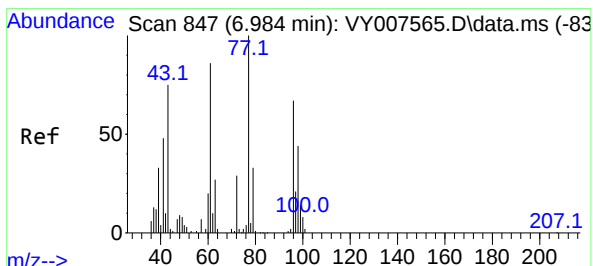
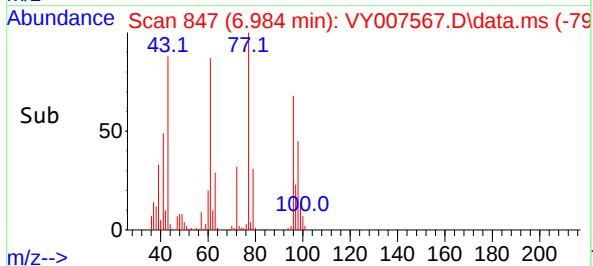
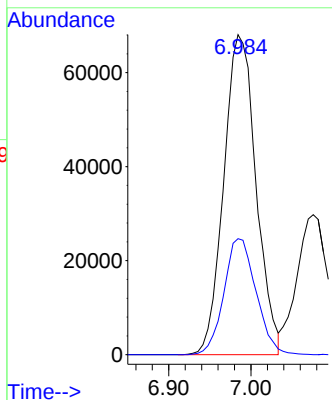
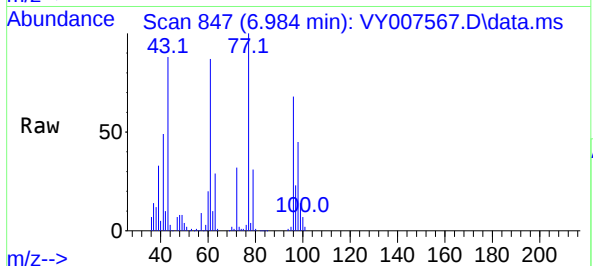
#25
2-Butanone
Concen: 594.595 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 185958
Ion Ratio Lower Upper
43 100
72 36.2 17.7 26.5

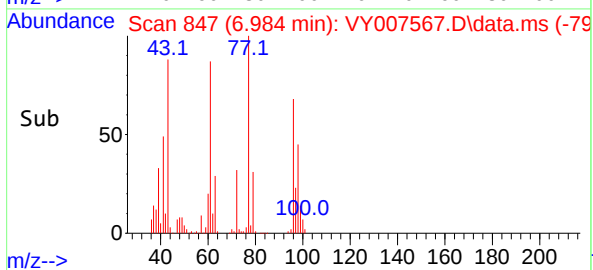
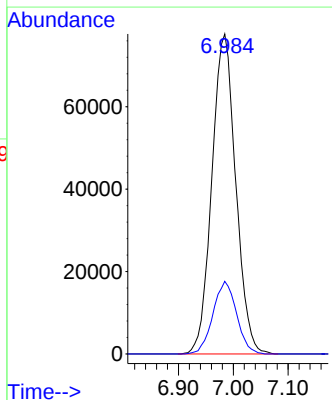
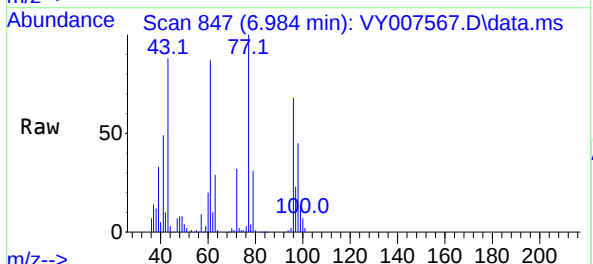
Manual Integrations
APPROVED

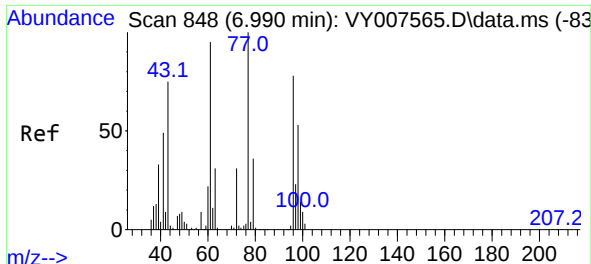
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
2,2-Dichloropropane
Concen: 130.702 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion: 77 Resp: 234839
Ion Ratio Lower Upper
77 100
97 22.5 10.4 31.4





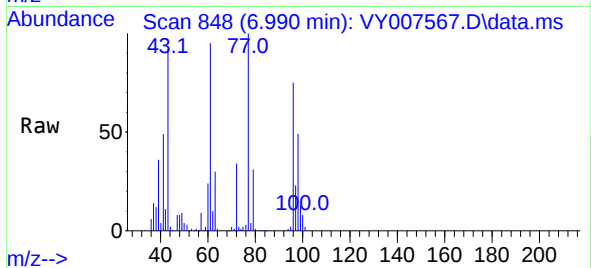
#27
cis-1,2-Dichloroethene
Concen: 126.198 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

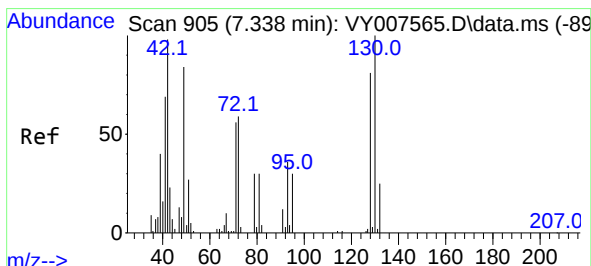
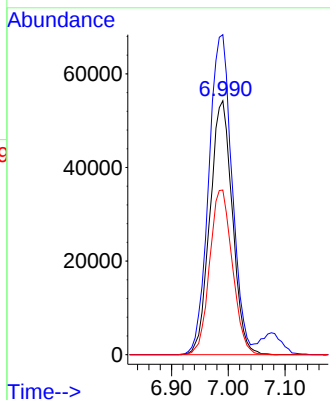
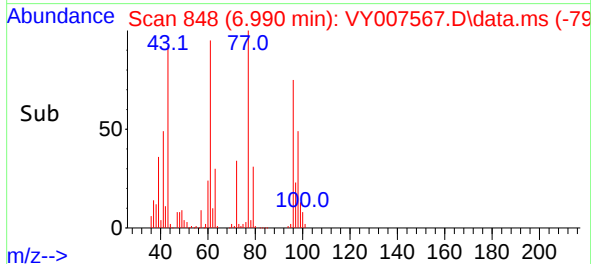
VSTDIC150



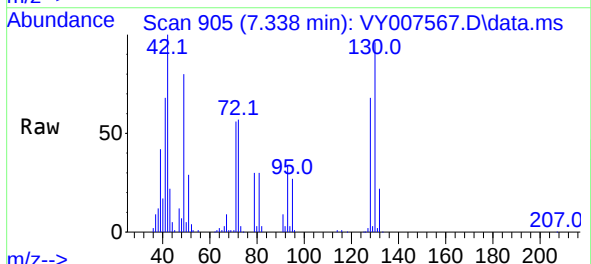
Tgt Ion: 96 Resp: 148973
Ion Ratio Lower Upper
96 100
61 131.1 0.0 319.8
98 65.6 0.0 127.0

Manual Integrations
APPROVED

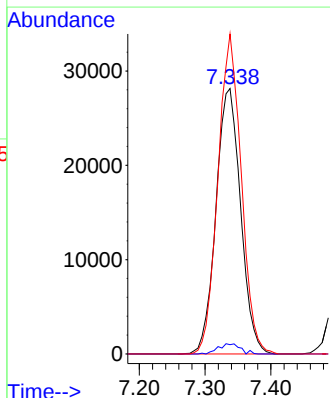
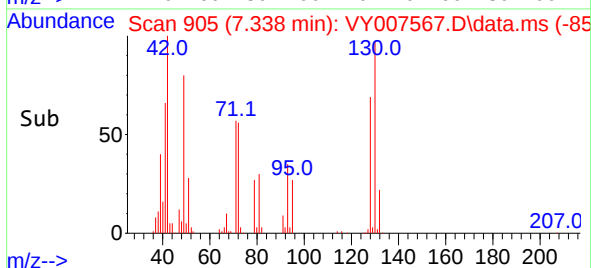
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

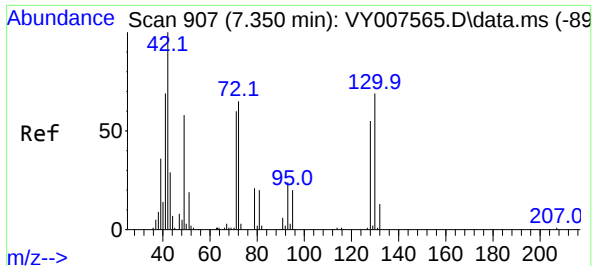


#28
Bromochloromethane
Concen: 111.352 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



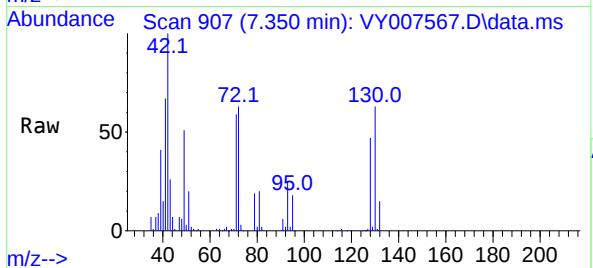
Tgt Ion: 49 Resp: 73483
Ion Ratio Lower Upper
49 100
129 3.5 0.0 2.2#
130 114.0 55.4 83.0#





#29
Tetrahydrofuran
Concen: 568.003 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

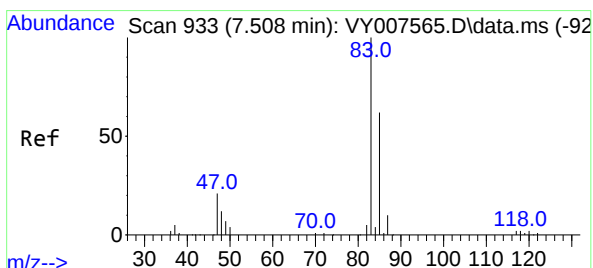
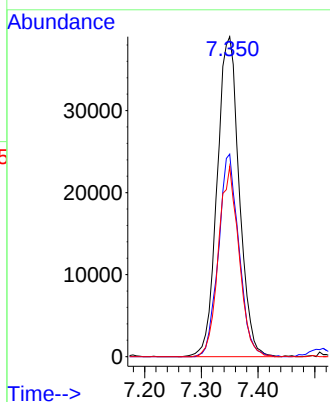
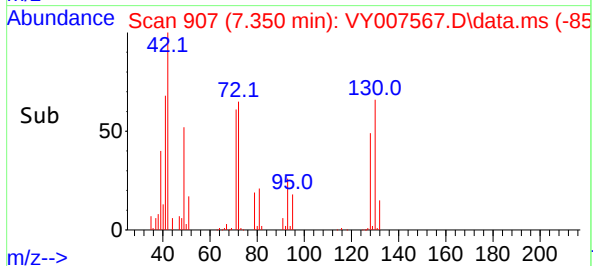
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



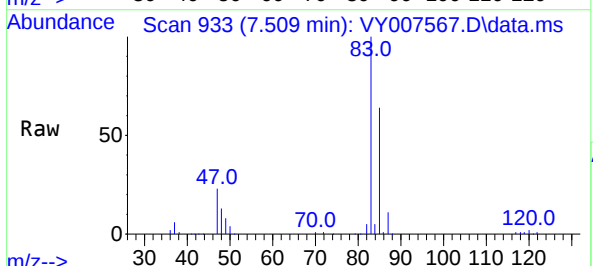
Tgt Ion: 42 Resp: 105215
Ion Ratio Lower Upper
42 100
72 58.7 30.3 45.5
71 55.2 29.0 43.4

Manual Integrations
APPROVED

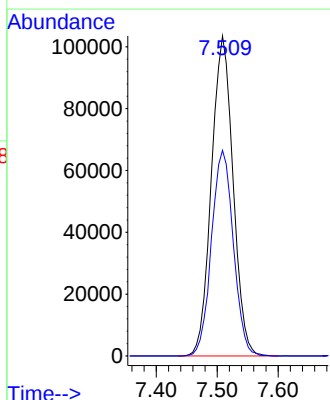
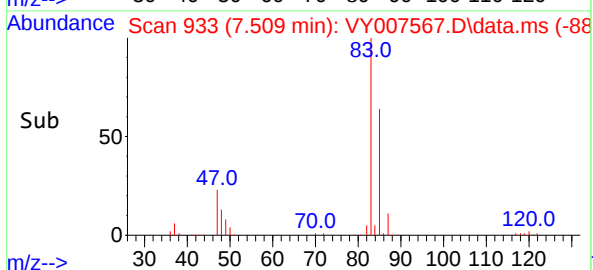
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

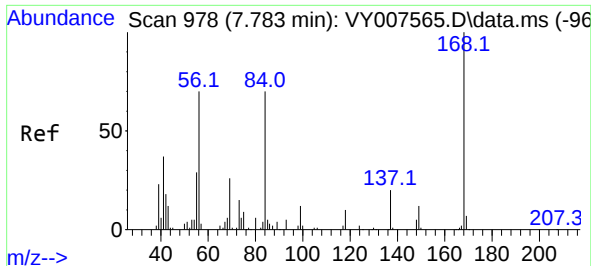


#30
Chloroform
Concen: 131.093 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



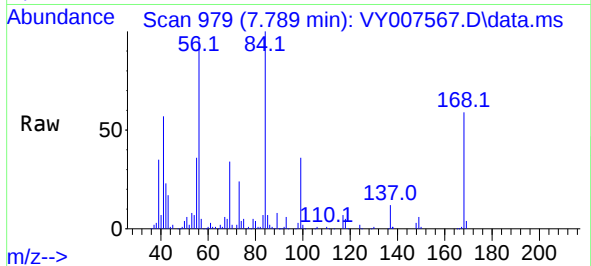
Tgt Ion: 83 Resp: 255239
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6





#31
Cyclohexane
Concen: 93.381 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

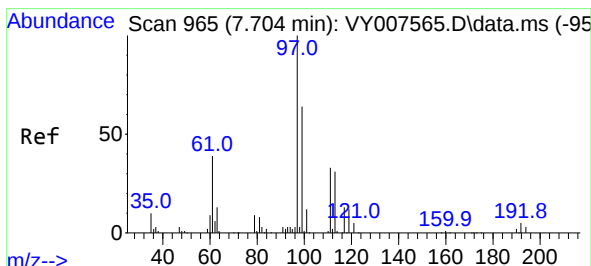
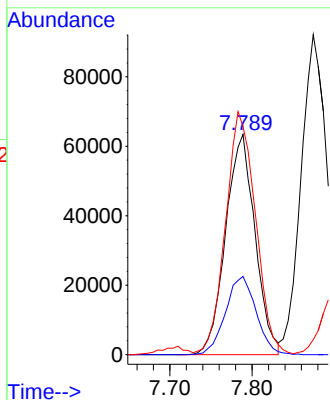
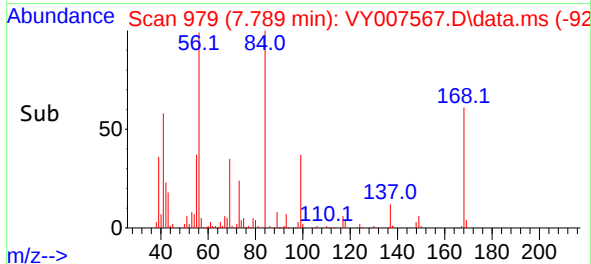
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



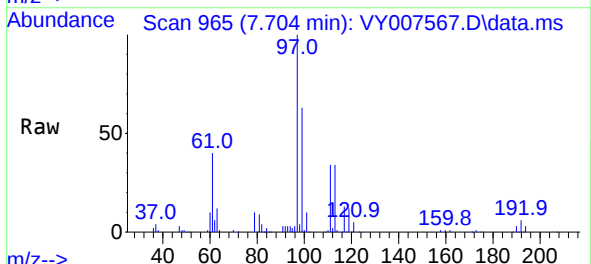
Tgt Ion: 56 Resp: 15807
Ion Ratio Lower Upper
56 100
69 35.5 26.7 40.1
84 99.8 67.2 100.8

Manual Integrations
APPROVED

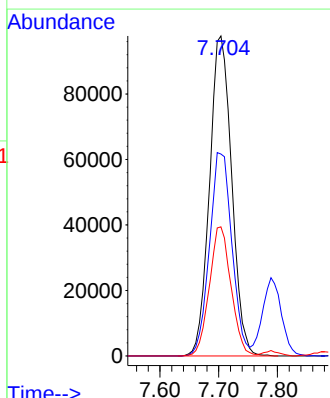
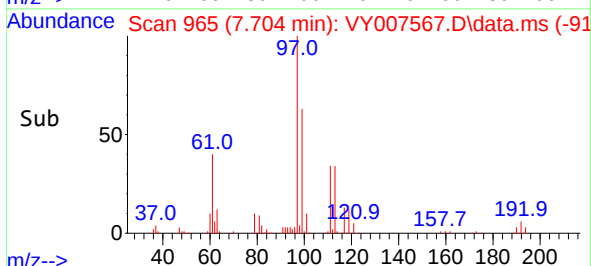
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

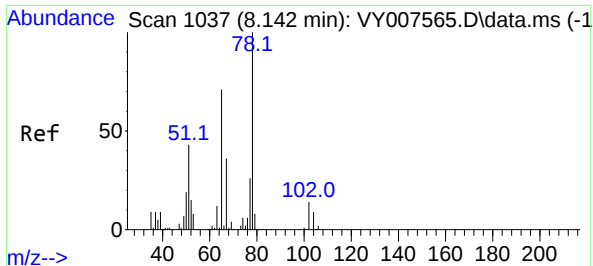


#32
1,1,1-Trichloroethane
Concen: 137.648 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion: 97 Resp: 255914
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 39.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 140.964 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 13999

Ion Ratio Lower Upper

65 100

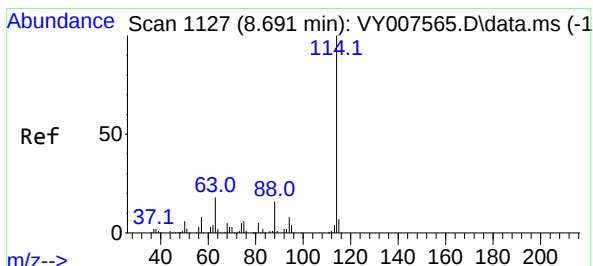
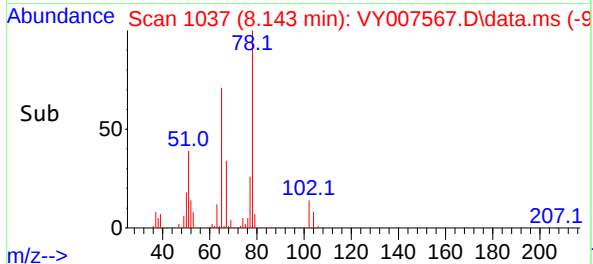
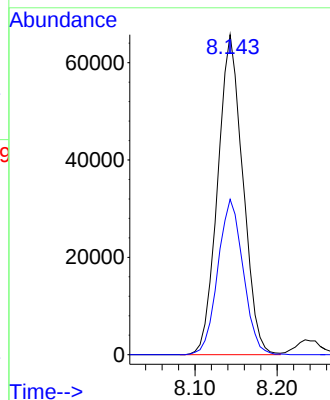
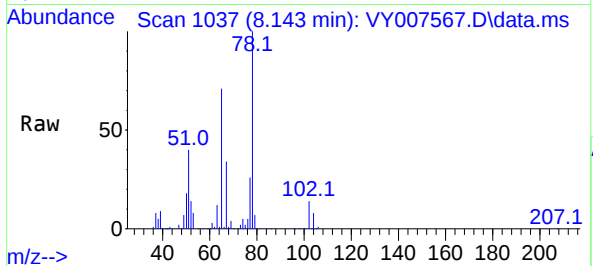
67 48.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

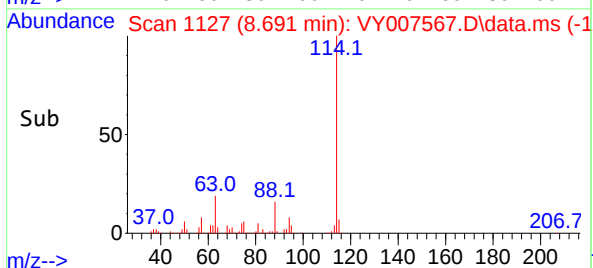
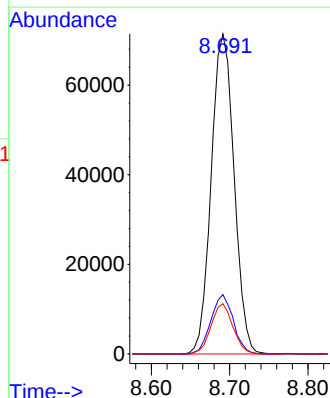
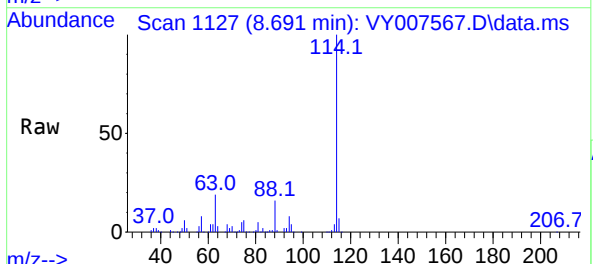
Tgt Ion:114 Resp: 144820

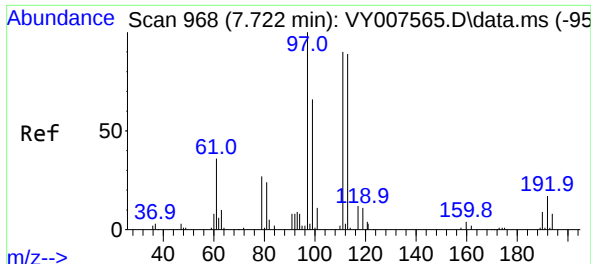
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

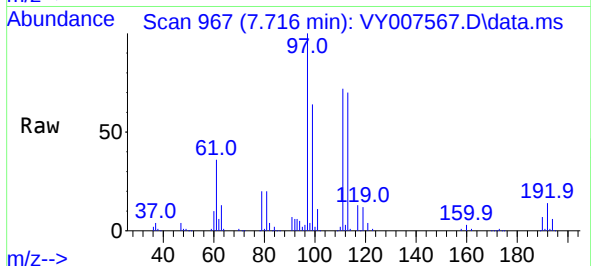
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 140.176 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

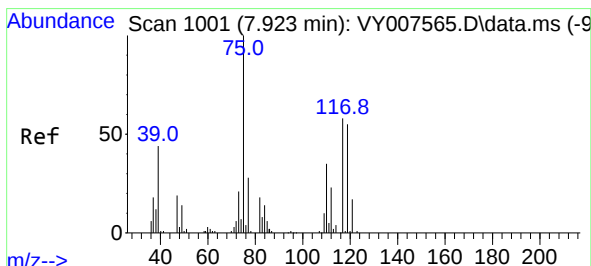
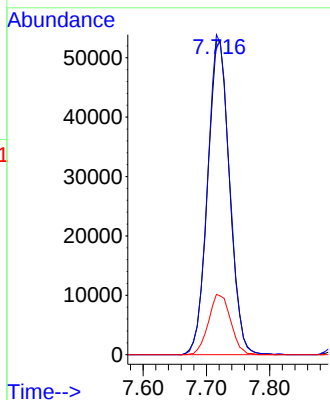
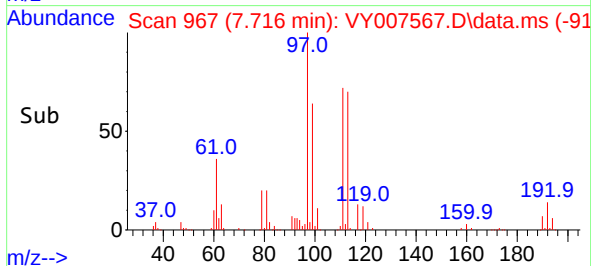
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



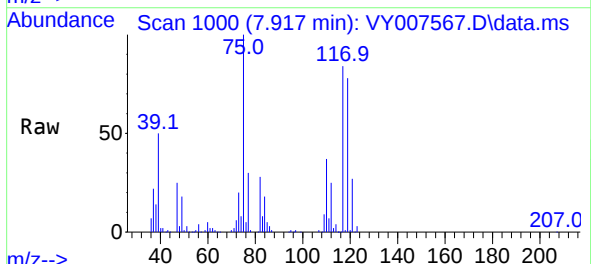
Tgt Ion:113 Resp: 12753
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 19.4 17.6 26.4

Manual Integrations
APPROVED

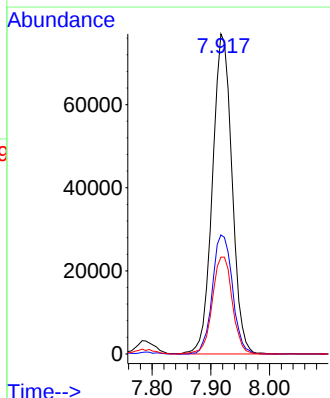
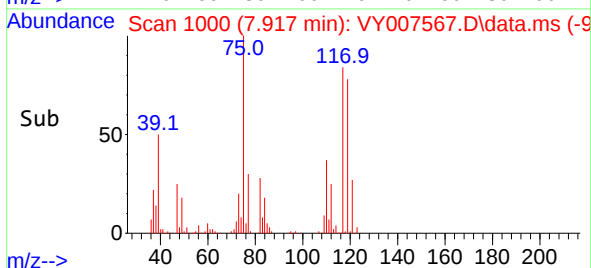
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

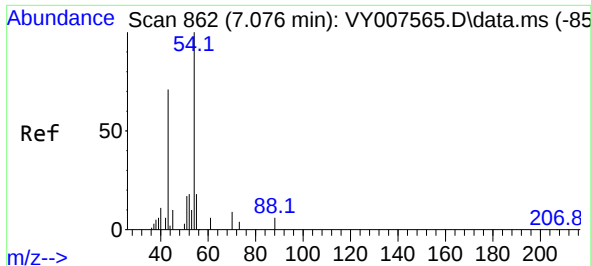


#36
1,1-Dichloropropene
Concen: 124.074 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



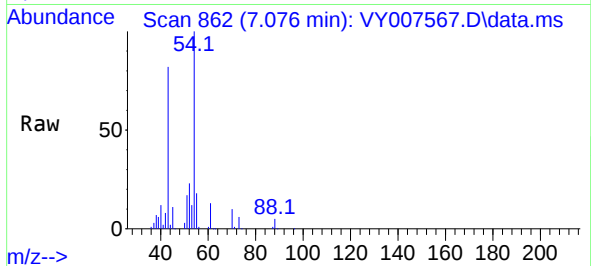
Tgt Ion: 75 Resp: 177838
Ion Ratio Lower Upper
75 100
110 38.2 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 126.995 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

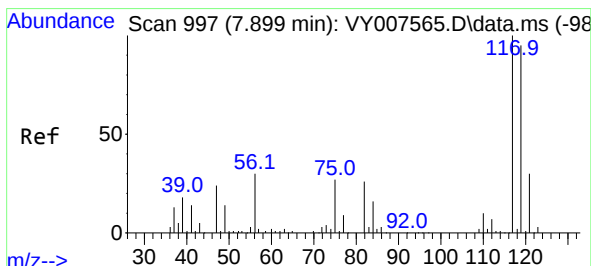
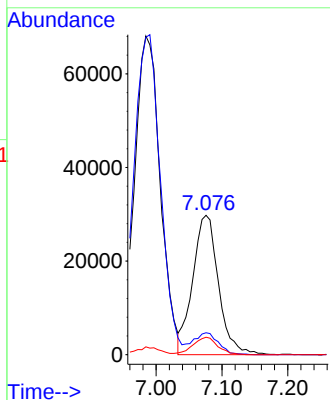
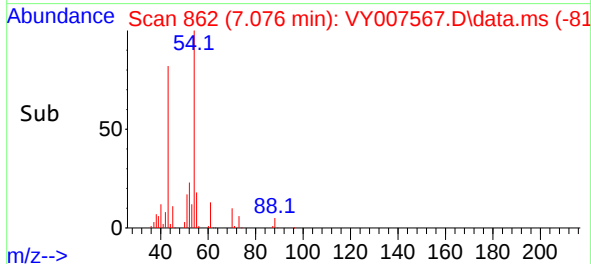
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



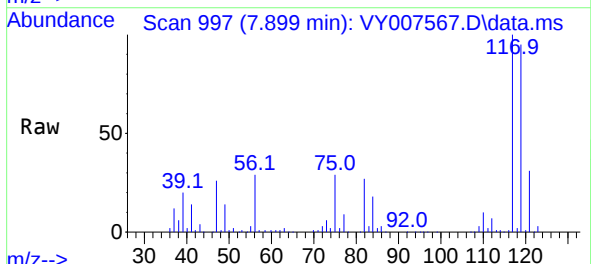
Tgt Ion: 43 Resp: 81064
Ion Ratio Lower Upper
43 100
61 14.9 9.7 14.5
70 12.0 7.1 10.7

Manual Integrations
APPROVED

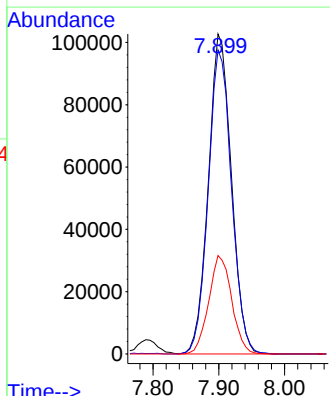
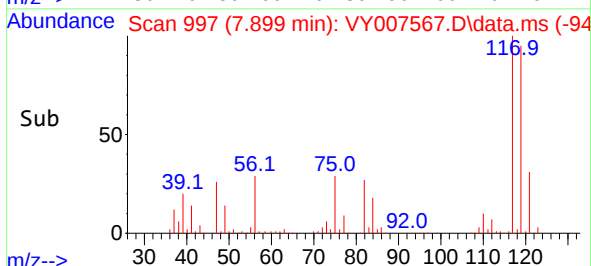
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

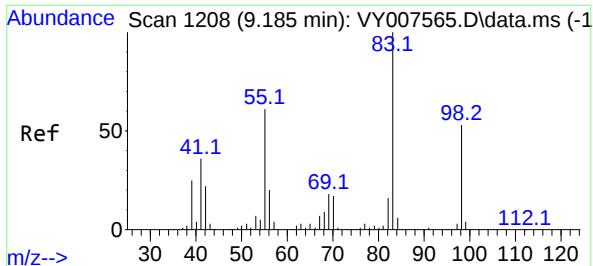


#38
Carbon Tetrachloride
Concen: 150.077 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion:117 Resp: 250916
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 123.182 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 22785

Ion Ratio Lower Upper

83 100

55 60.4 66.5 99.7

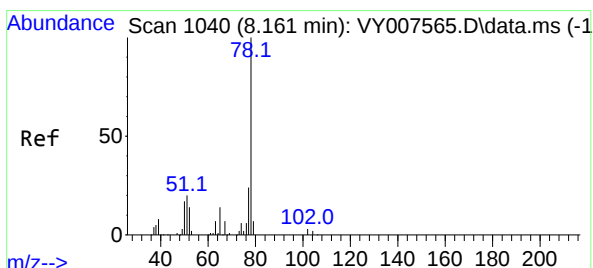
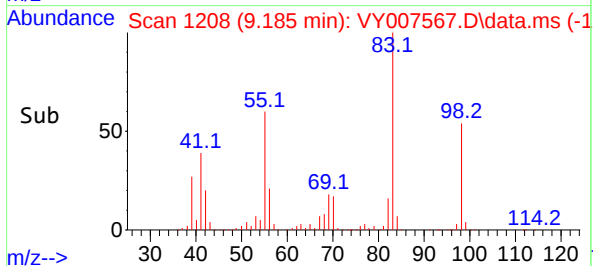
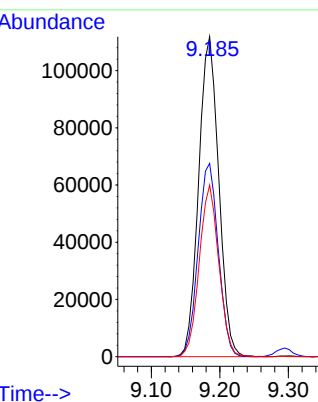
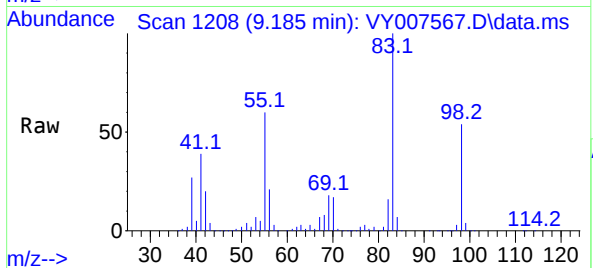
98 53.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Benzene

Concen: 125.617 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007567.D

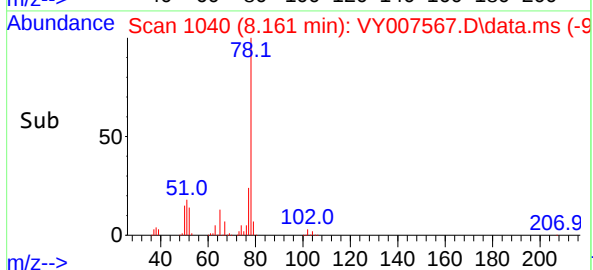
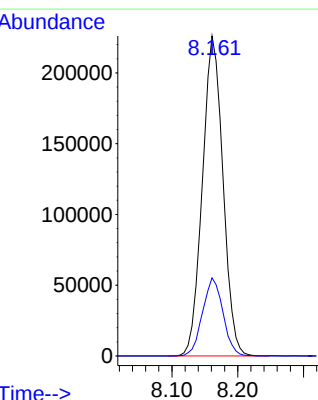
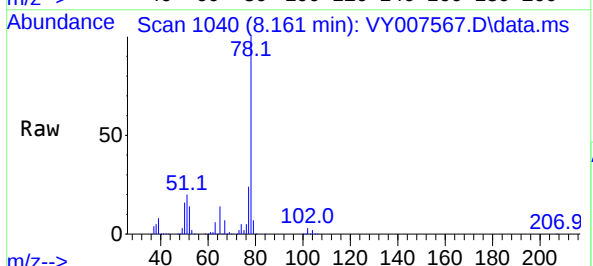
Acq: 21 Feb 2022 13:40

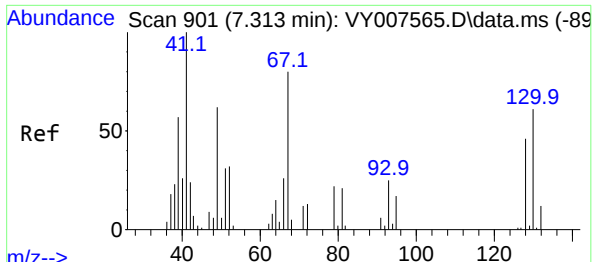
Tgt Ion: 78 Resp: 492370

Ion Ratio Lower Upper

78 100

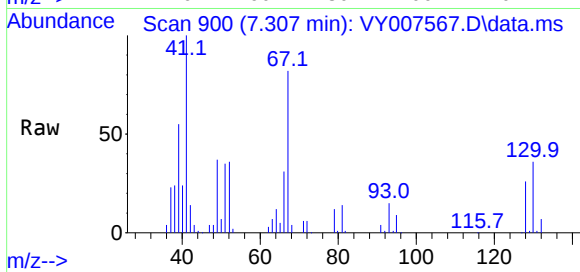
77 24.4 20.4 30.6





#41
Methacrylonitrile
Concen: 78.742 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

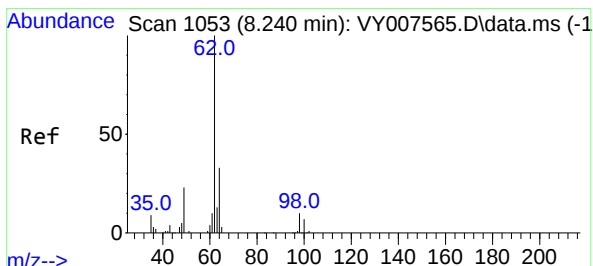
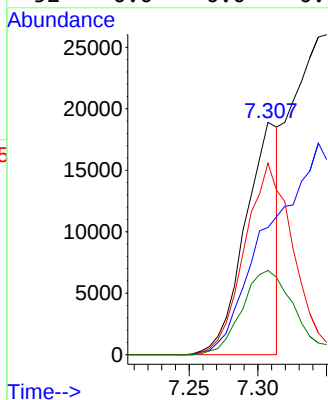
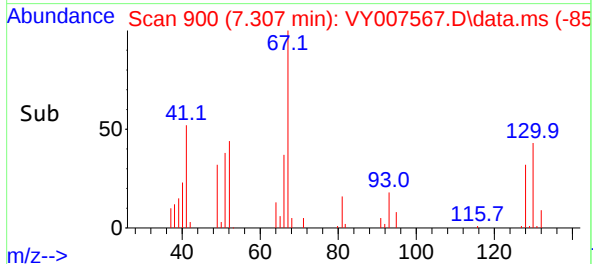
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC150



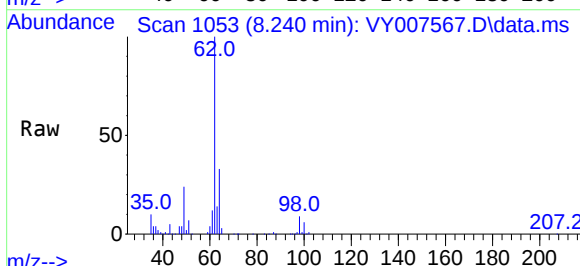
Tgt Ion: 41 Resp: 31995
Ion Ratio Lower Upper
41 100
39 205.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

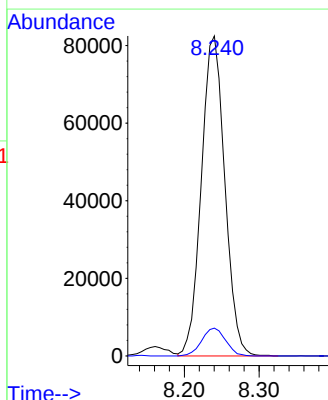
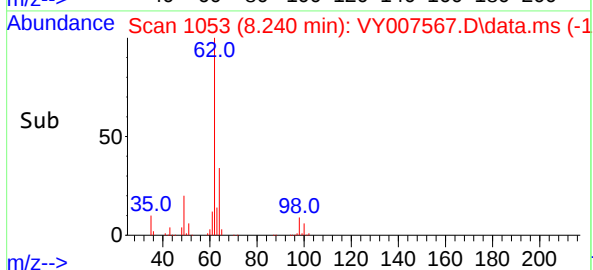
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

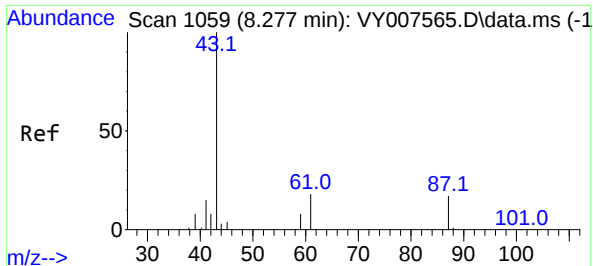


#42
1,2-Dichloroethane
Concen: 147.160 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



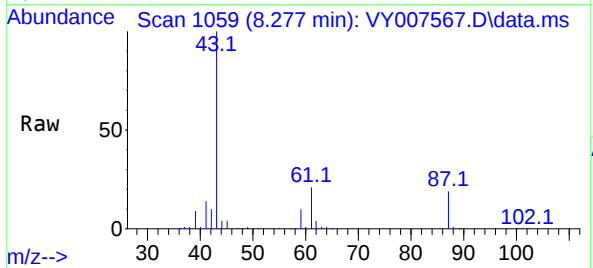
Tgt Ion: 62 Resp: 179744
Ion Ratio Lower Upper
62 100
98 8.9 0.0 14.8





#43
Isopropyl Acetate
Concen: 130.642 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

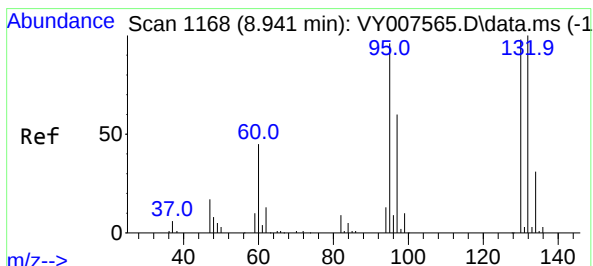
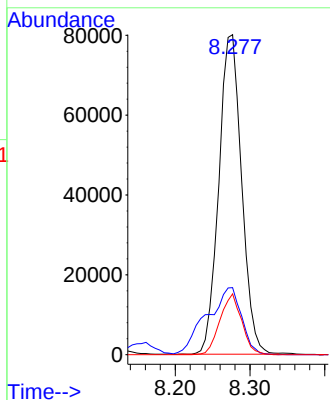
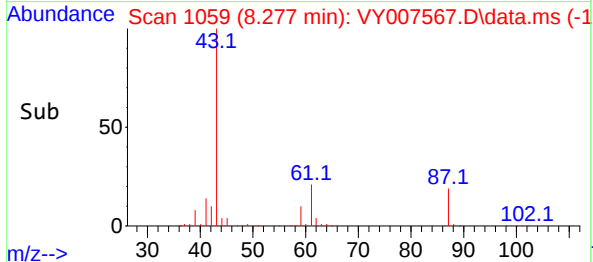
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



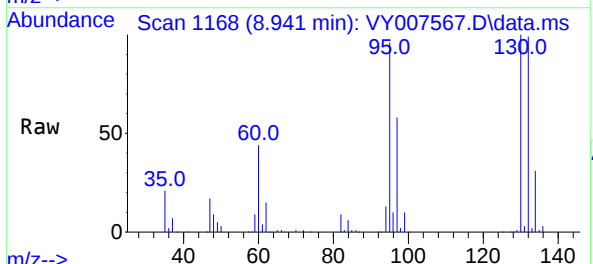
Tgt Ion: 43 Resp: 170208
Ion Ratio Lower Upper
43 100
61 32.0 20.2 30.2
87 18.2 8.9 13.3

Manual Integrations
APPROVED

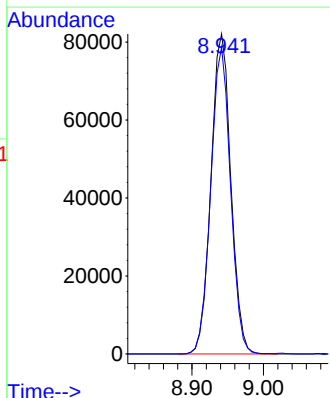
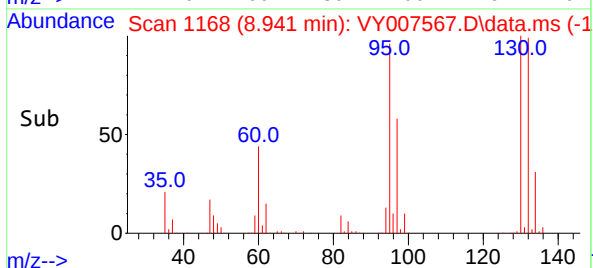
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

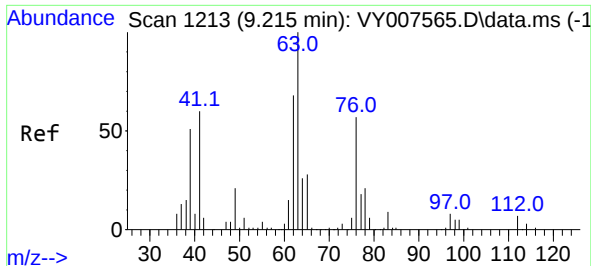


#44
Trichloroethene
Concen: 139.300 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion:130 Resp: 158336
Ion Ratio Lower Upper
130 100
95 95.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 125.675 ug/l

RT: 9.216 min Scan# 11655

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 11655

Ion Ratio Lower Upper

63 100

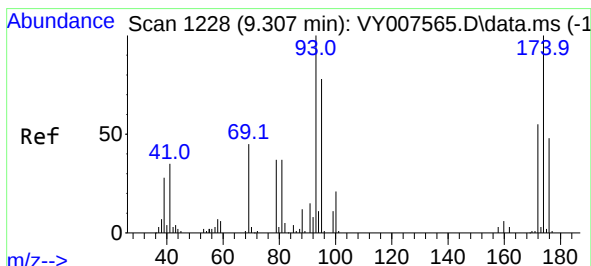
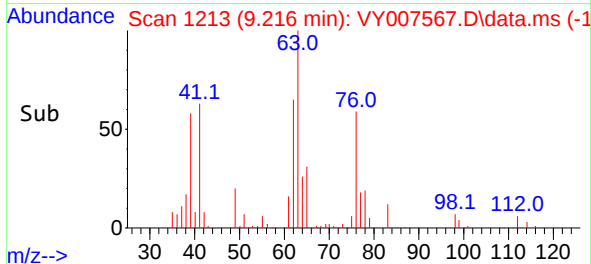
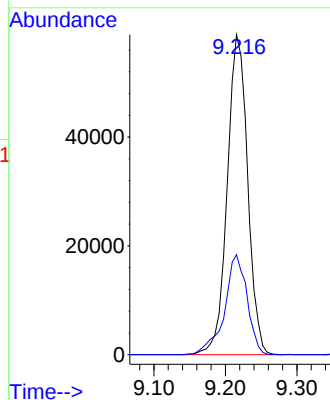
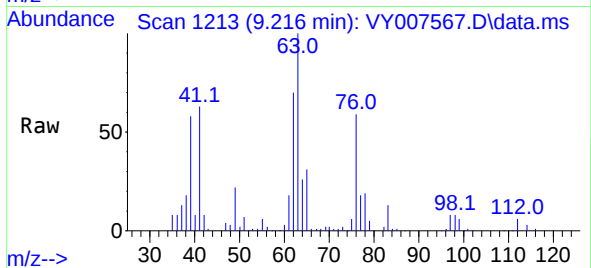
65 31.3 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#46

Dibromomethane

Concen: 150.847 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

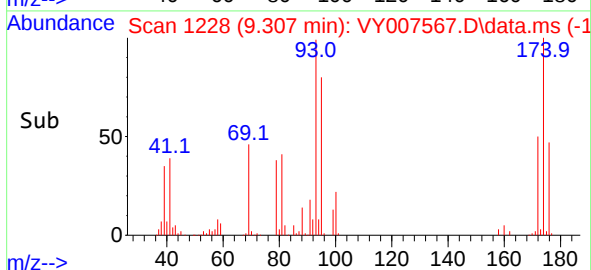
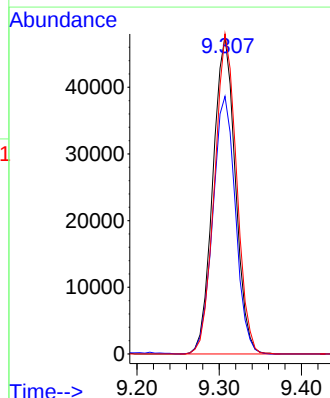
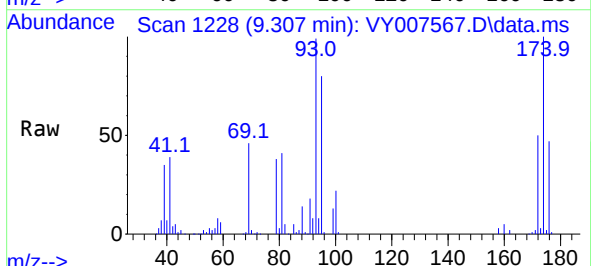
Tgt Ion: 93 Resp: 89892

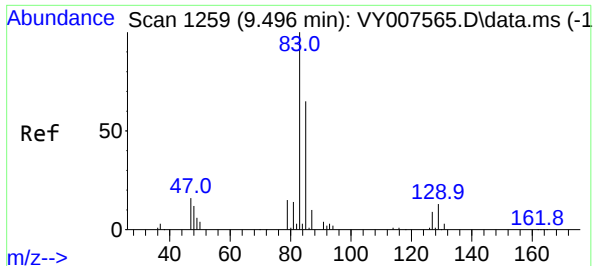
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

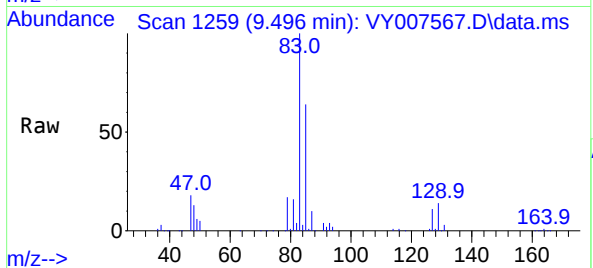
174 99.3 83.4 125.0





#47
Bromodichloromethane
Concen: 145.398 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

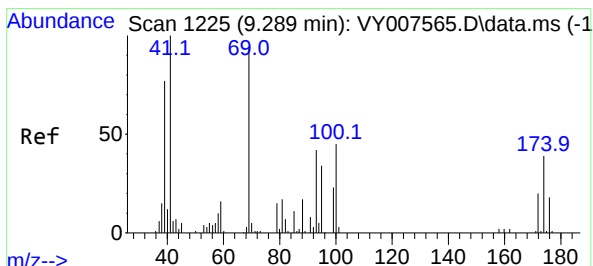
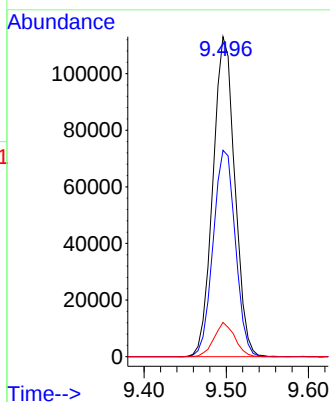
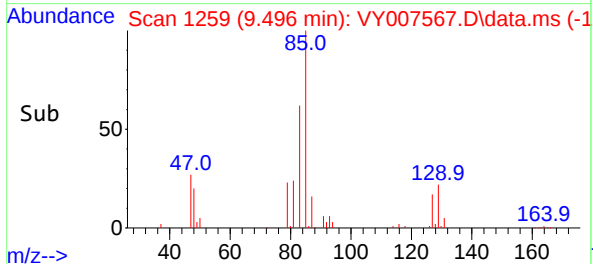
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



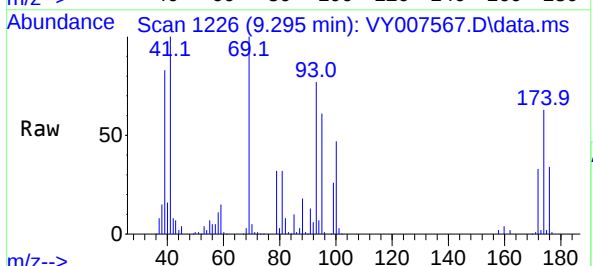
Tgt Ion: 83 Resp: 20911
Ion Ratio Lower Upper
83 100
85 64.5 51.9 77.9
127 10.7 6.6 10.0

Manual Integrations
APPROVED

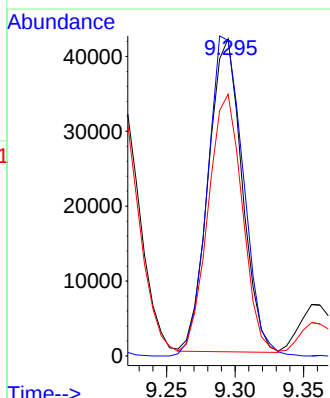
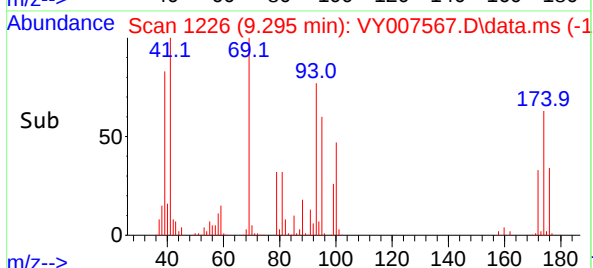
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

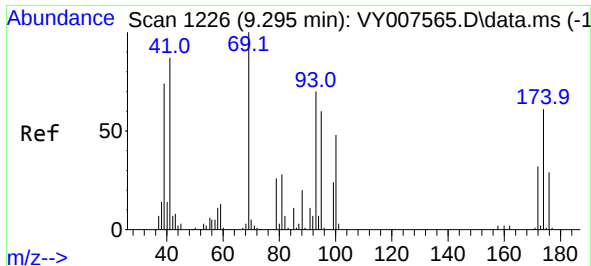


#48
Methyl methacrylate
Concen: 124.239 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion: 41 Resp: 71328
Ion Ratio Lower Upper
41 100
69 108.2 58.2 87.2#
39 83.4 47.4 71.0#





#49

1,4-Dioxane

Concen: 3108.555 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 1983

Ion Ratio Lower Upper

88 100

43 32.3 32.8 49.2

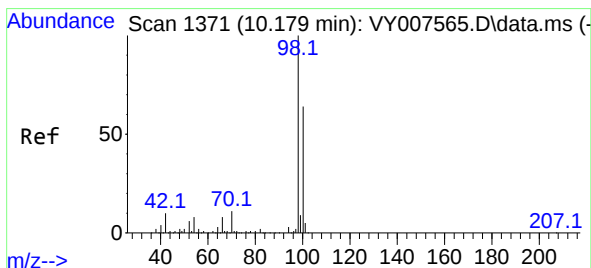
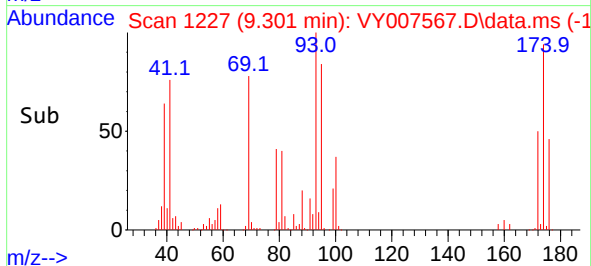
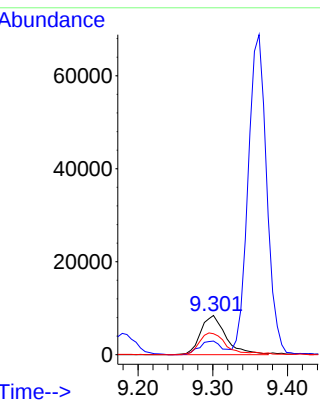
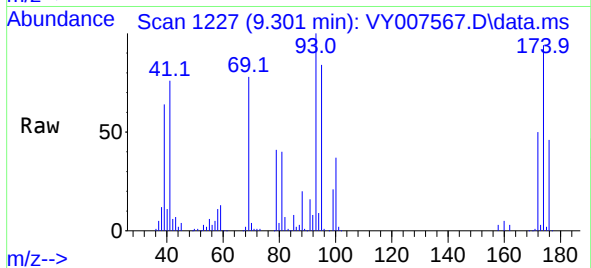
58 60.9 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#50

Toluene-d8

Concen: 128.464 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007567.D

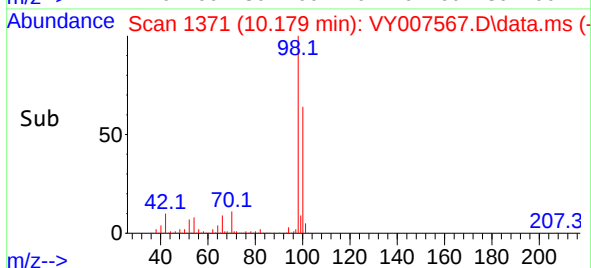
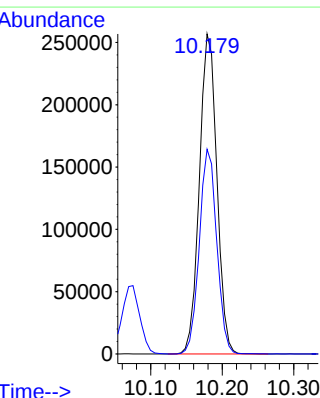
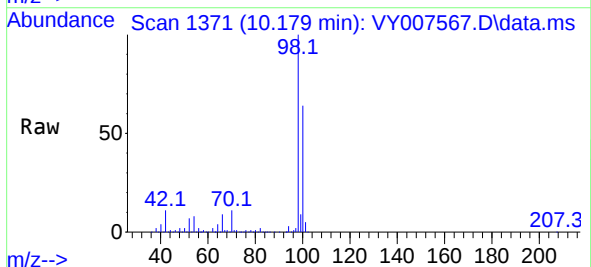
Acq: 21 Feb 2022 13:40

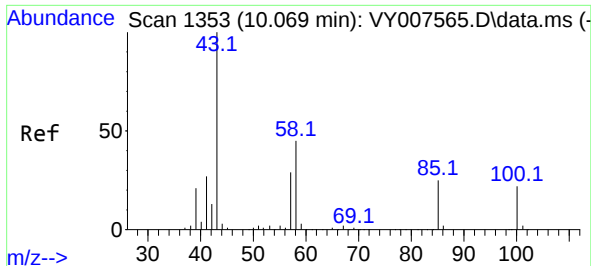
Tgt Ion: 98 Resp: 435967

Ion Ratio Lower Upper

98 100

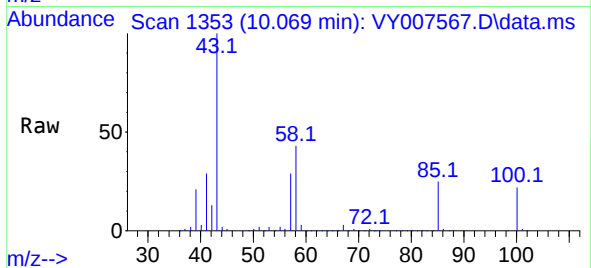
100 63.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 642.412 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

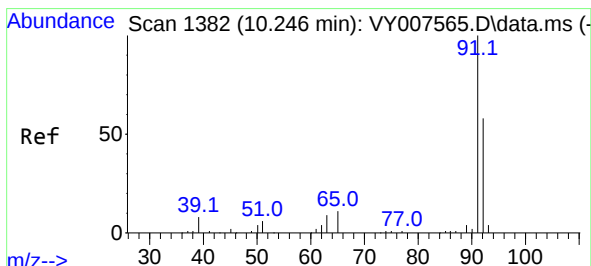
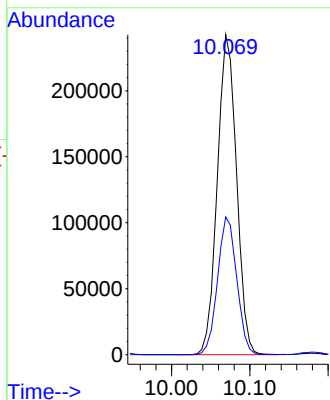
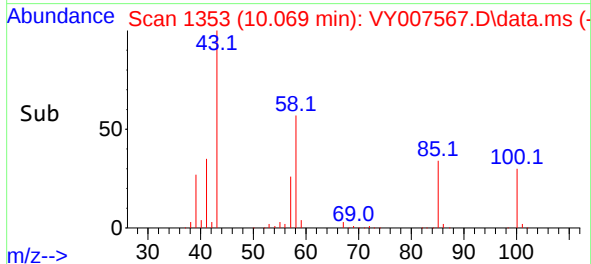
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



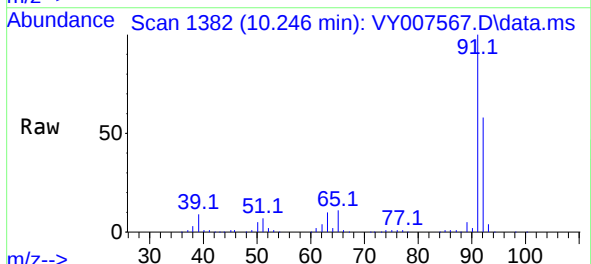
Tgt Ion: 43 Resp: 414018
Ion Ratio Lower Upper
43 100
58 42.9 28.1 42.1

Manual Integrations
APPROVED

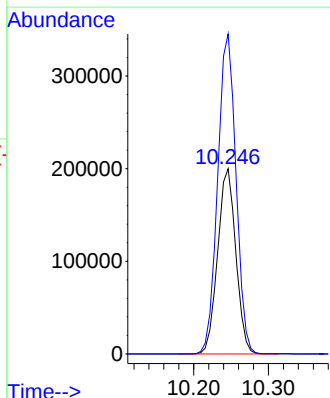
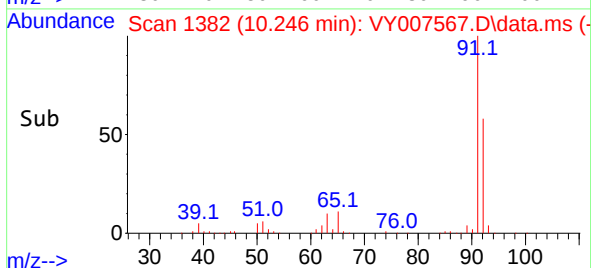
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

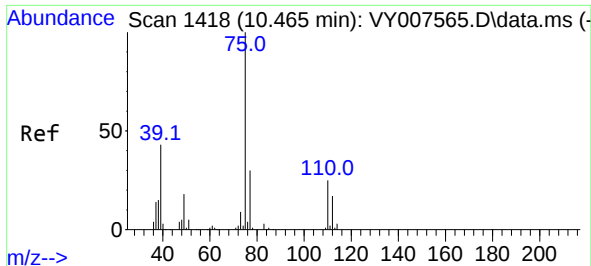


#52
Toluene
Concen: 133.379 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



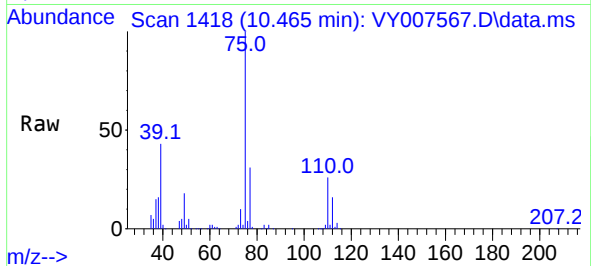
Tgt Ion: 92 Resp: 337806
Ion Ratio Lower Upper
92 100
91 174.2 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 145.014 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

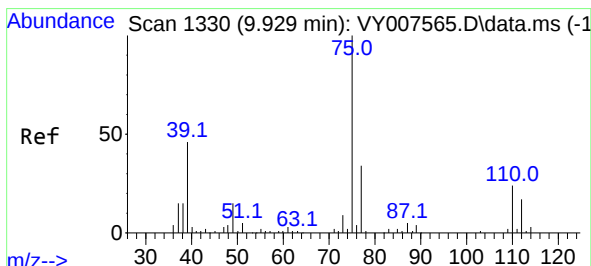
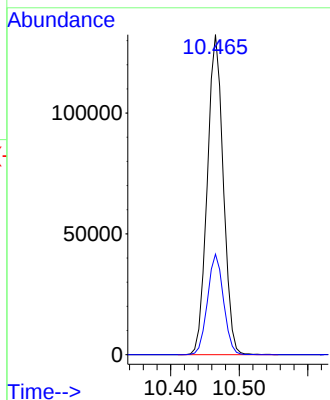
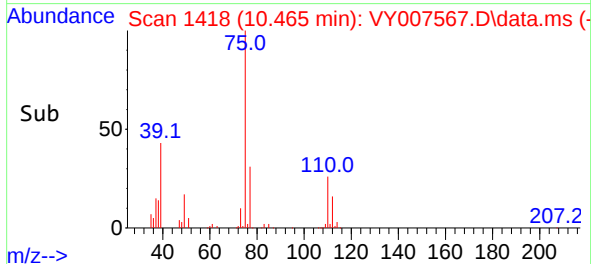
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



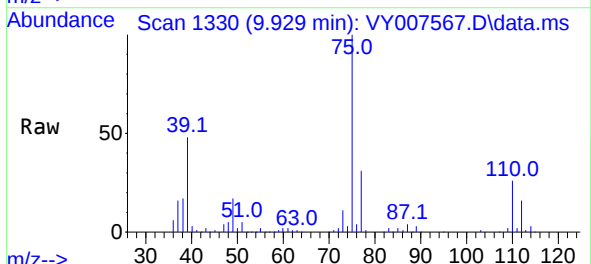
Tgt Ion: 75 Resp: 214862
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

Manual Integrations
APPROVED

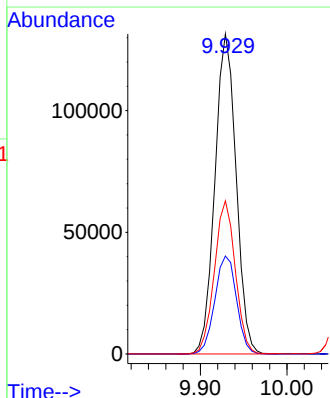
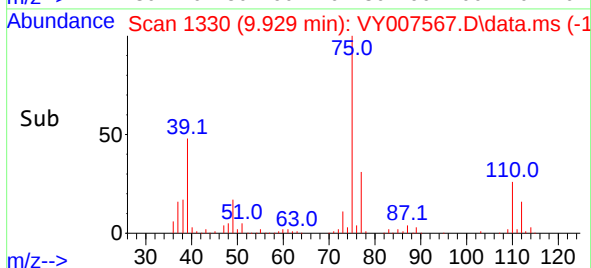
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

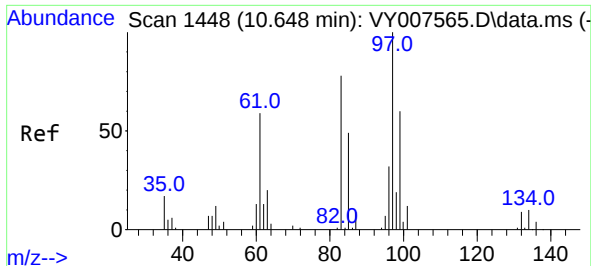


#54
cis-1,3-Dichloropropene
Concen: 135.182 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



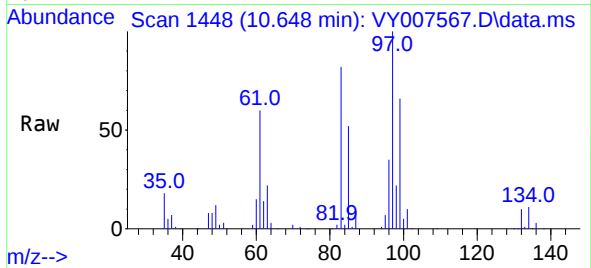
Tgt Ion: 75 Resp: 223313
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 47.9 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 143.848 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

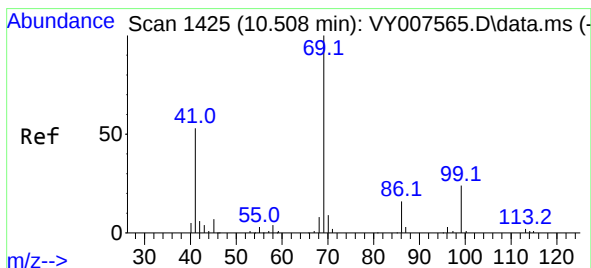
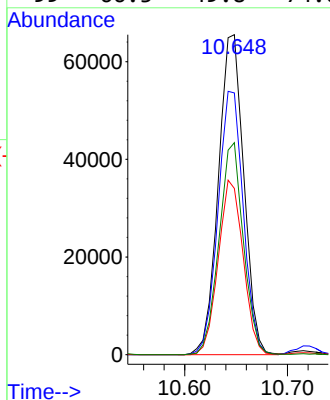
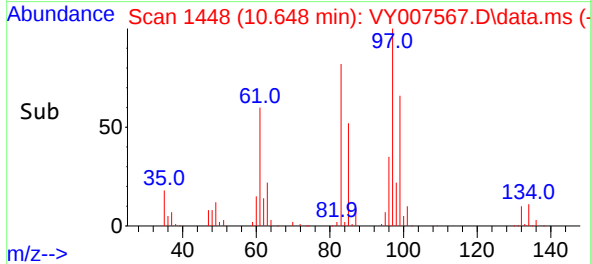


Tgt Ion: 97 Resp: 112489

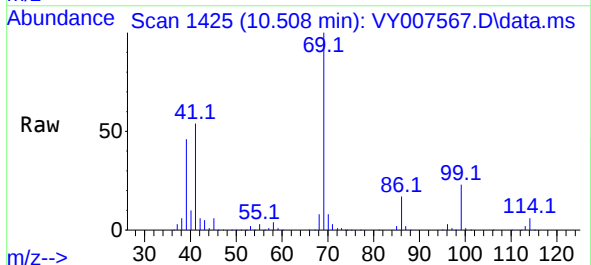
Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.8	104.8
85	52.0	44.3	66.5
99	66.3	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

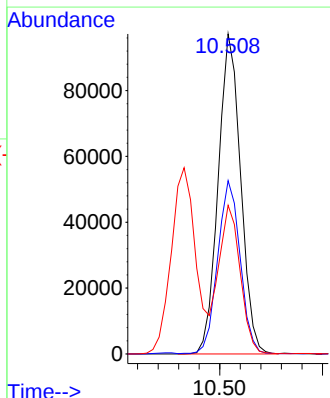
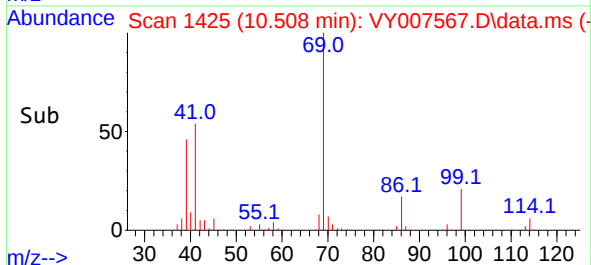


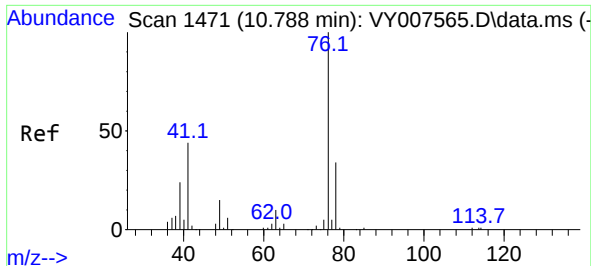
#56
Ethyl methacrylate
Concen: 141.918 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion: 69 Resp: 147314

Ion	Ratio	Lower	Upper
69	100		
41	54.0	63.4	95.0
39	43.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 137.991 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 18422

Ion Ratio Lower Upper

76 100

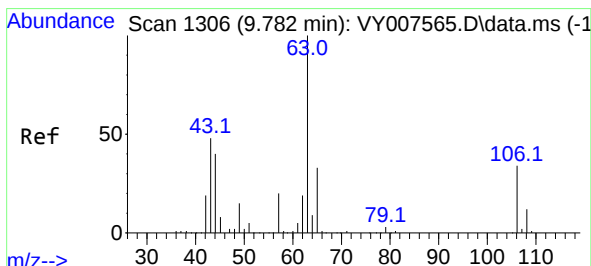
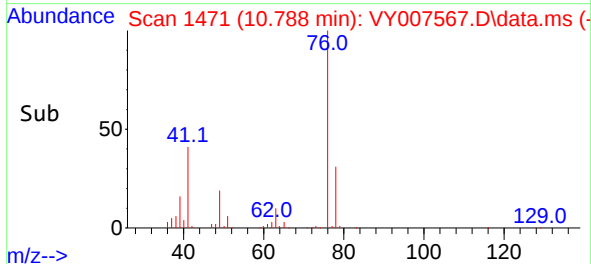
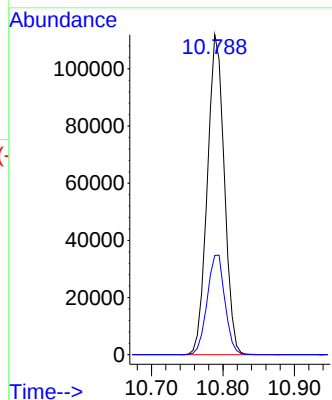
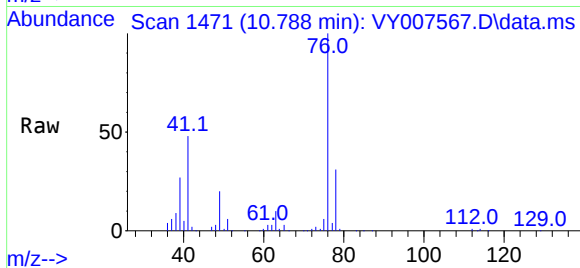
78 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 674.790 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007567.D

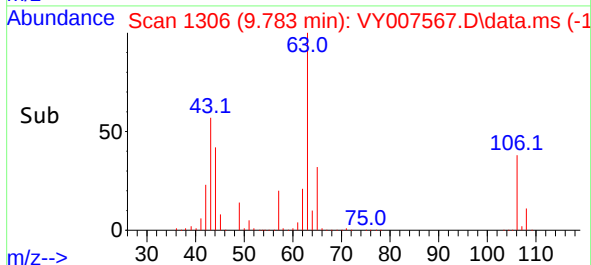
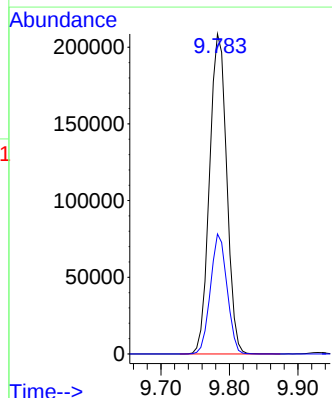
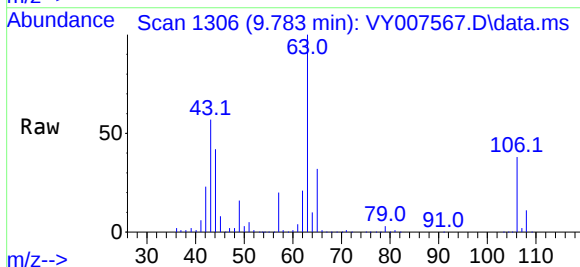
Acq: 21 Feb 2022 13:40

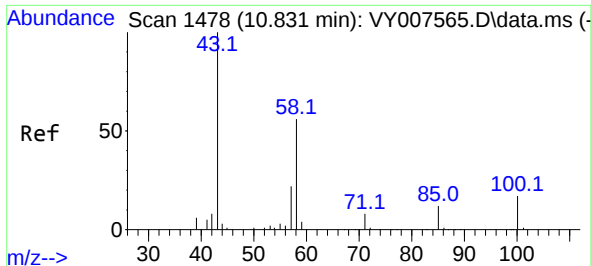
Tgt Ion: 63 Resp: 363834

Ion Ratio Lower Upper

63 100

106 36.2 21.5 32.3#





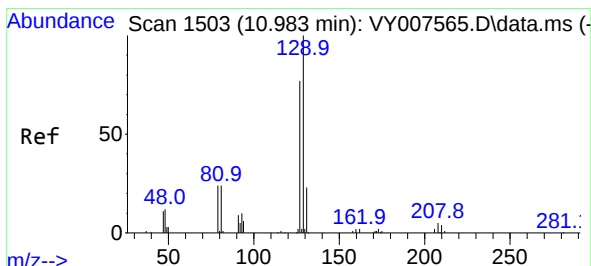
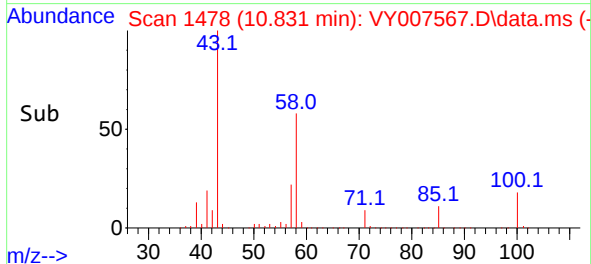
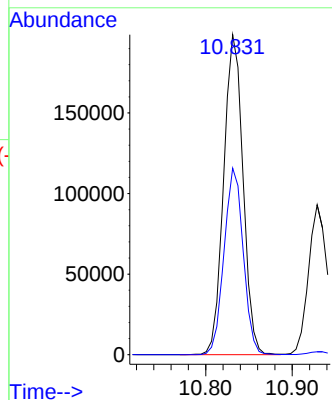
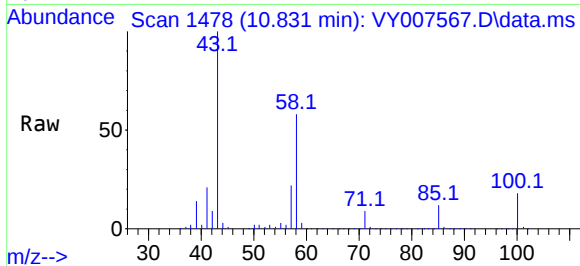
#59
2-Hexanone
Concen: 668.625 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 30795
Ion Ratio Lower Upper
43 100
58 57.7 24.4 73.4

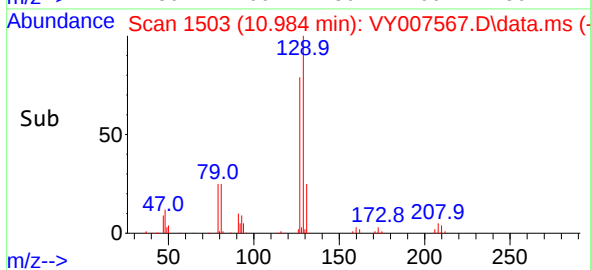
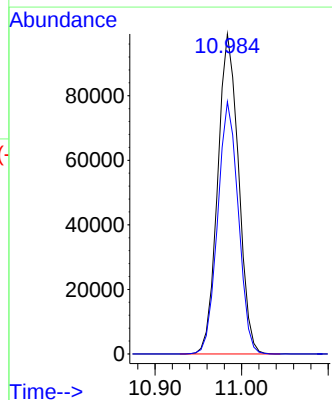
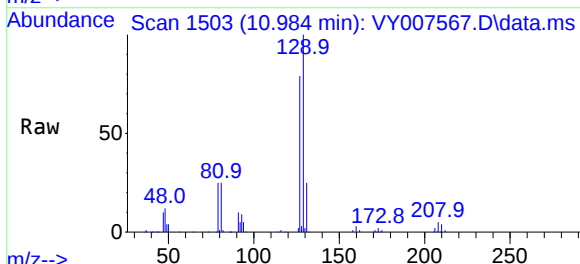
Manual Integrations
APPROVED

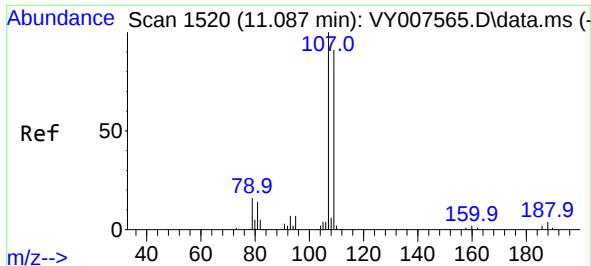
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#60
Dibromochloromethane
Concen: 164.968 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion:129 Resp: 165749
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





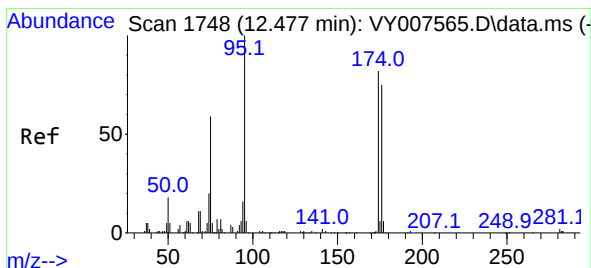
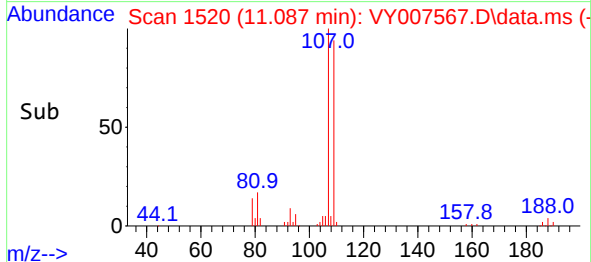
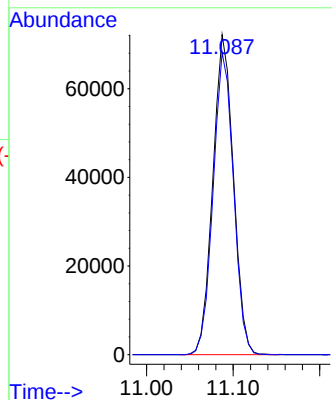
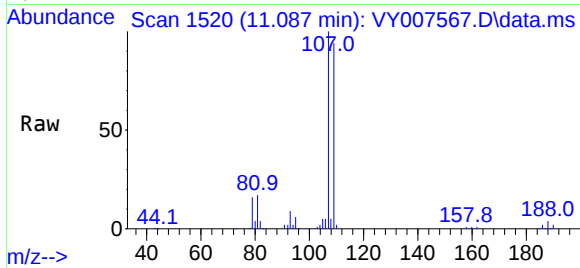
#61
1,2-Dibromoethane
Concen: 151.444 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 119170
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

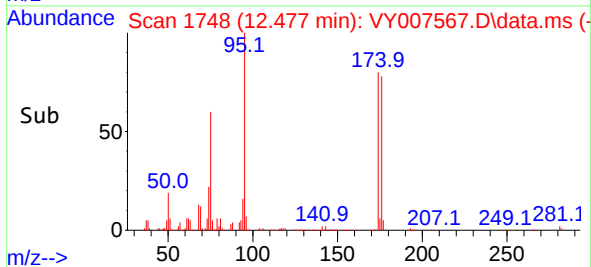
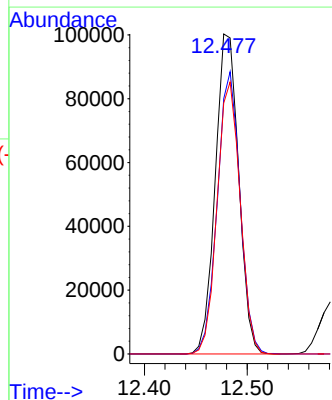
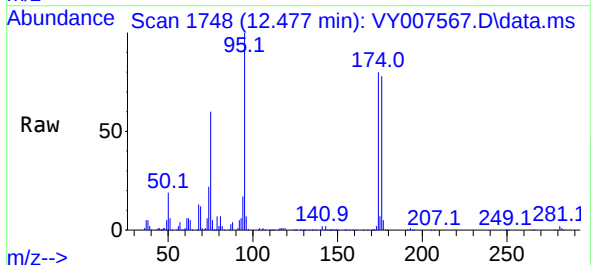
Manual Integrations
APPROVED

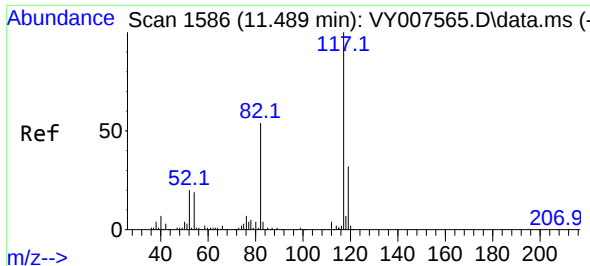
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#62
4-Bromofluorobenzene
Concen: 137.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

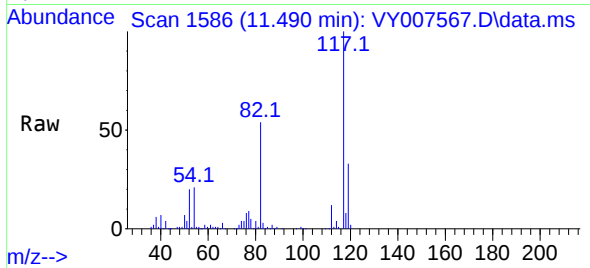
Tgt Ion: 95 Resp: 158400
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

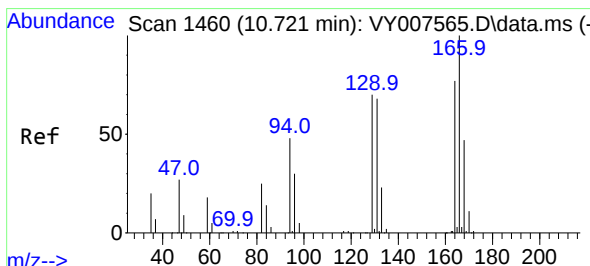
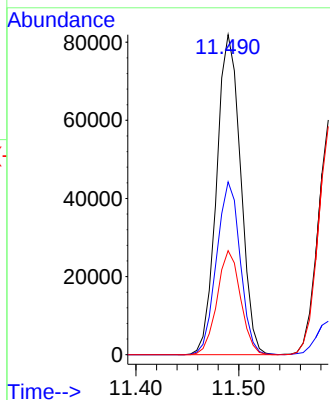
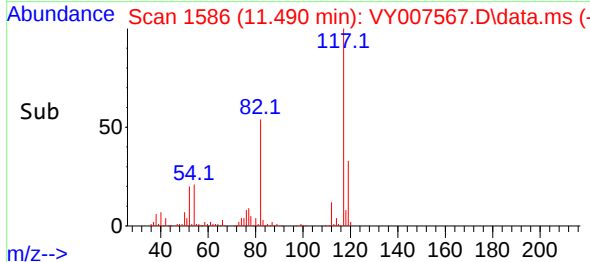
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



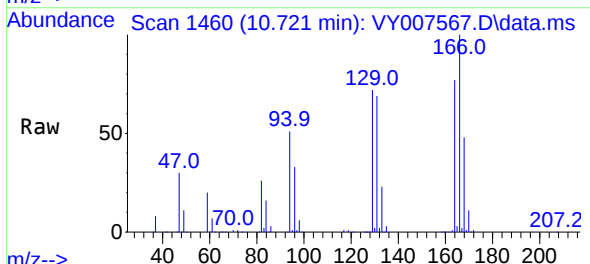
Tgt Ion:117 Resp: 132907
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

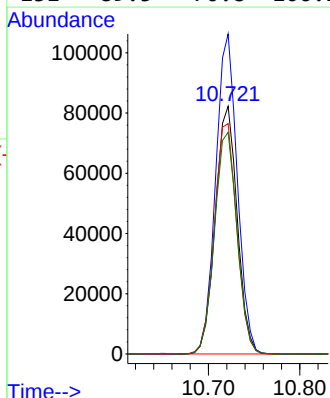
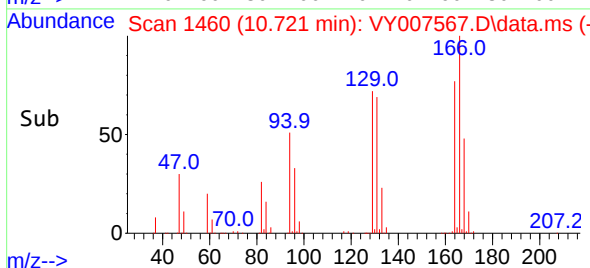
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

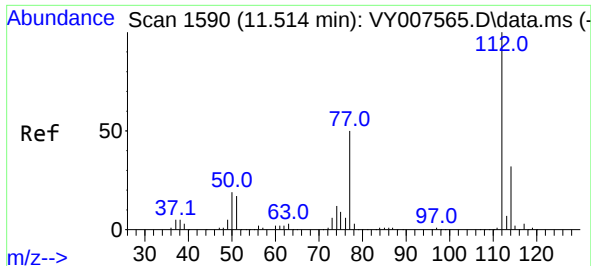


#64
Tetrachloroethene
Concen: 132.170 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



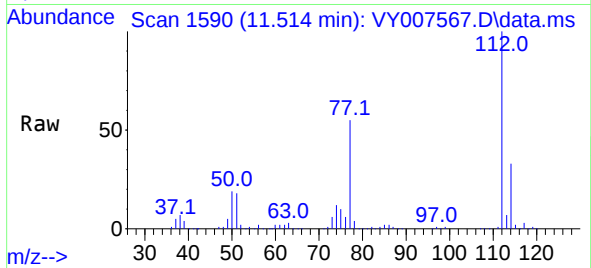
Tgt Ion:164 Resp: 137159
Ion Ratio Lower Upper
164 100
166 129.2 100.4 150.6
129 93.0 71.4 107.0
131 89.5 70.8 106.2





#65
Chlorobenzene
Concen: 133.581 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

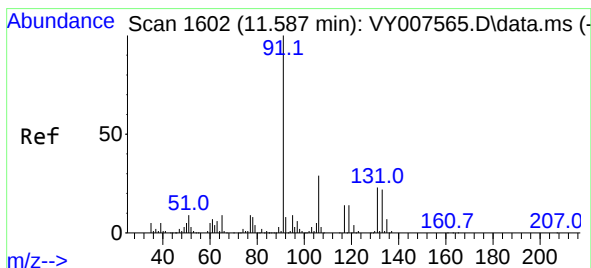
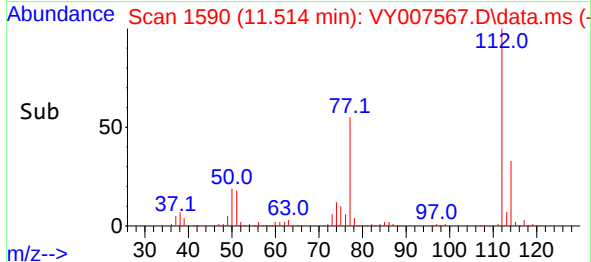
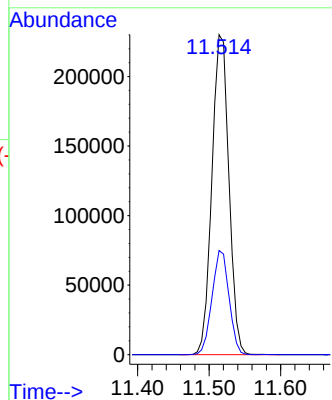
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 379290
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

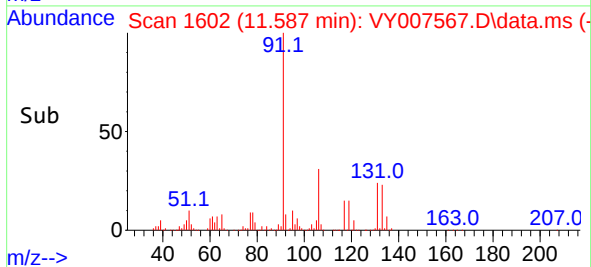
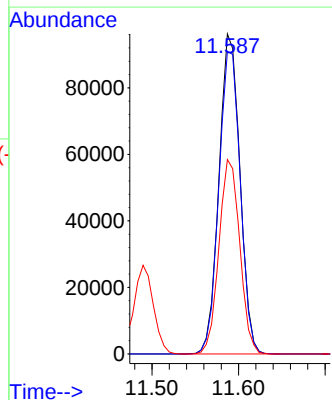
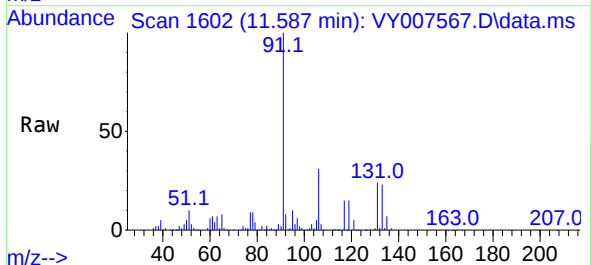
Manual Integrations
APPROVED

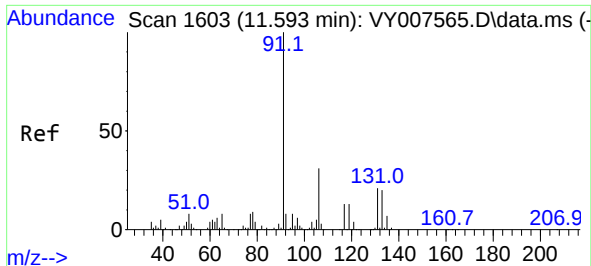
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 149.284 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion:131 Resp: 161762
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 60.4 30.8 92.3





#67

Ethyl Benzene

Concen: 130.856 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 690070

Ion Ratio Lower Upper

91 100

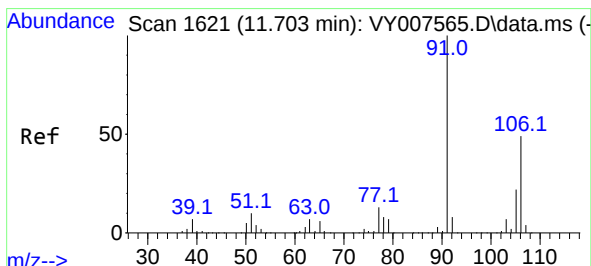
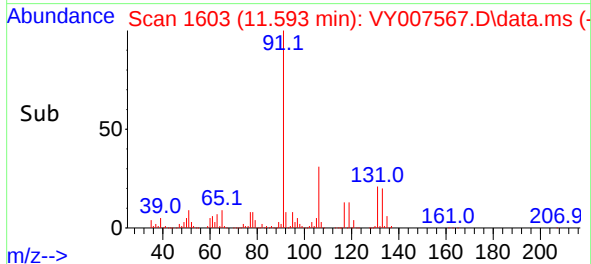
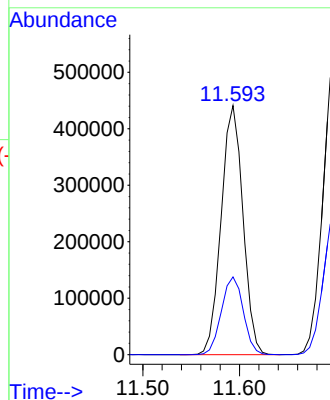
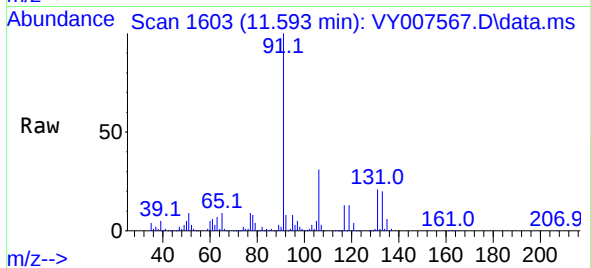
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#68

m/p-Xylenes

Concen: 263.494 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007567.D

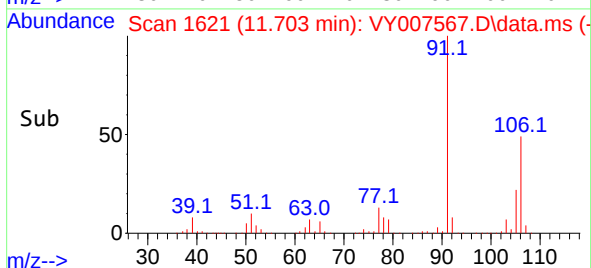
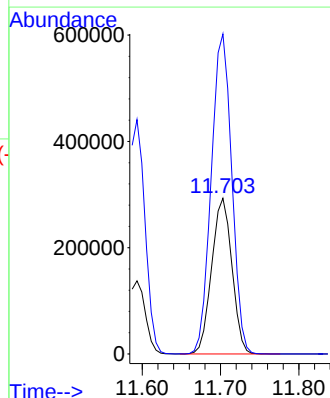
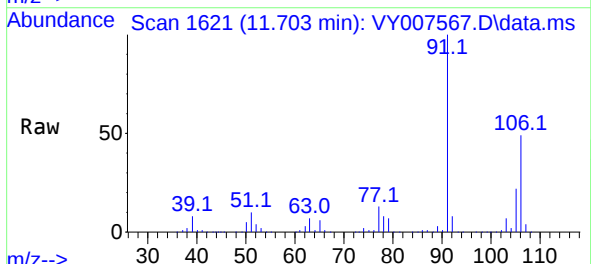
Acq: 21 Feb 2022 13:40

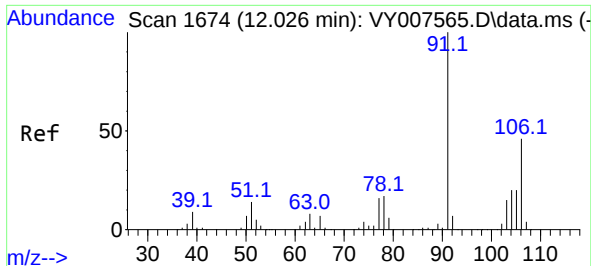
Tgt Ion:106 Resp: 527024

Ion Ratio Lower Upper

106 100

91 207.8 166.6 249.8





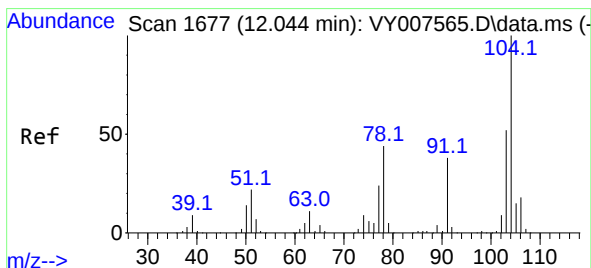
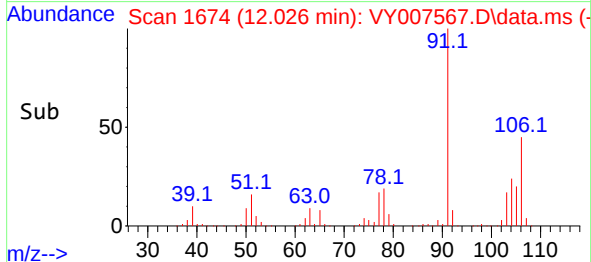
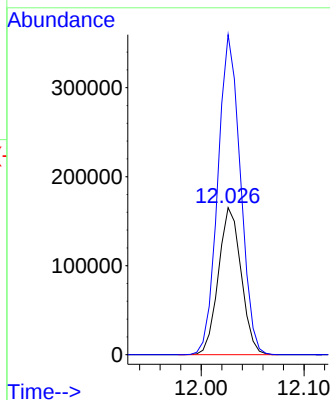
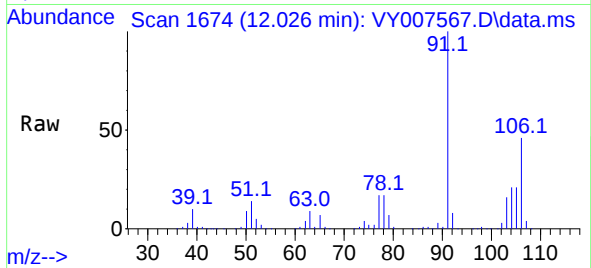
#69
o-Xylene
Concen: 133.805 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 253697
Ion Ratio Lower Upper
106 100
91 216.1 110.3 331.0

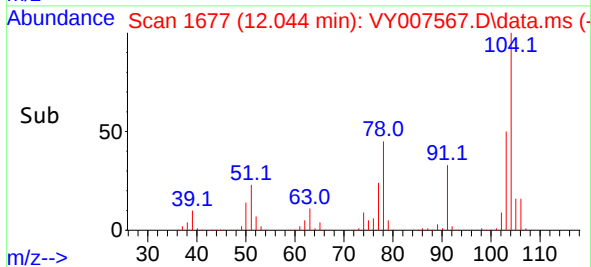
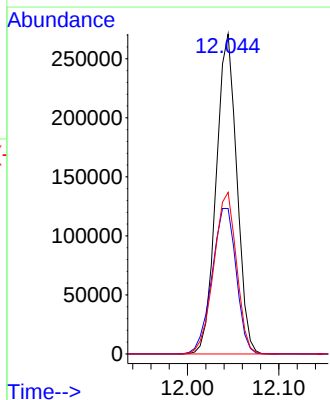
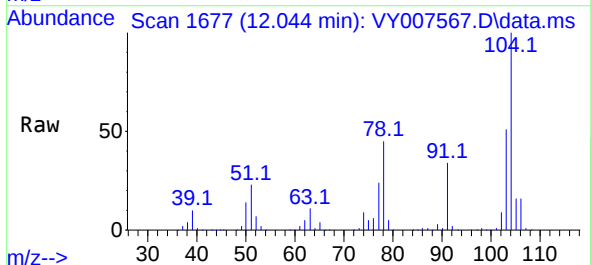
Manual Integrations
APPROVED

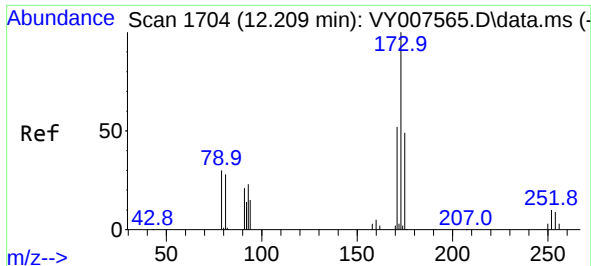
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 136.758 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

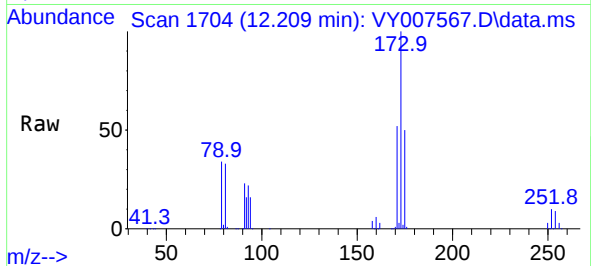
Tgt Ion:104 Resp: 426229
Ion Ratio Lower Upper
104 100
78 53.4 42.4 63.6
103 55.6 44.4 66.6





#71
Bromoform
Concen: 172.208 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

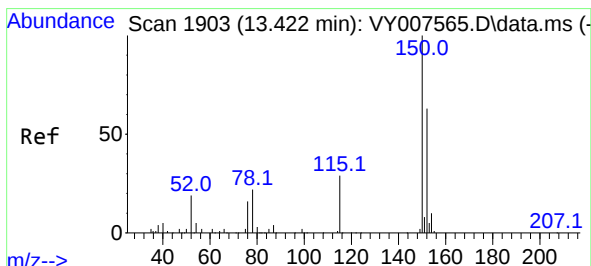
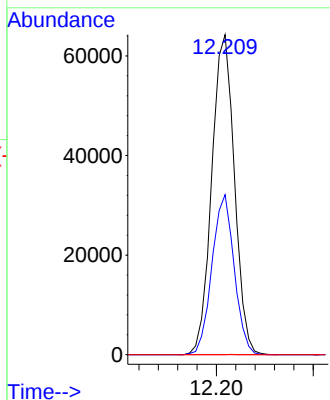
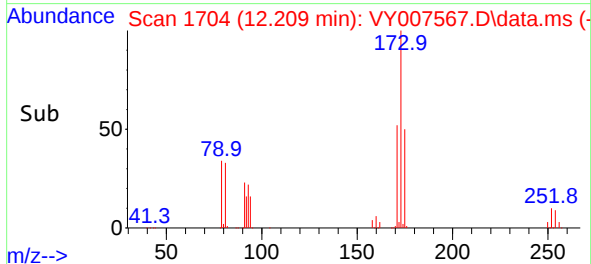
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



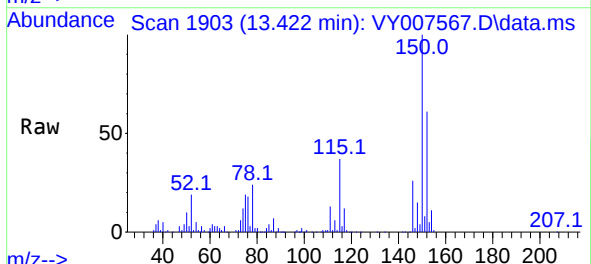
Tgt Ion:173 Resp: 104459
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

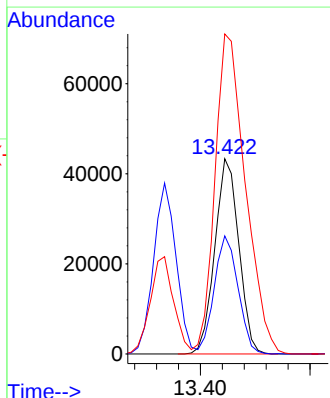
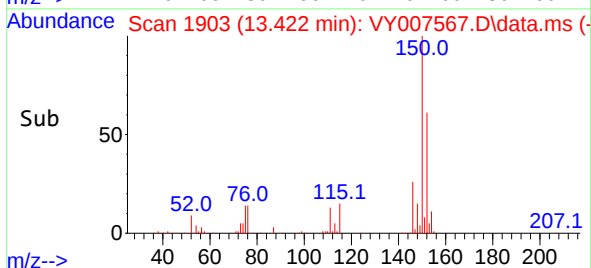
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

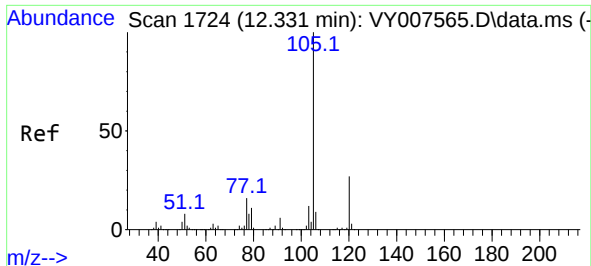


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion:152 Resp: 65841
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 208.4 0.0 347.6





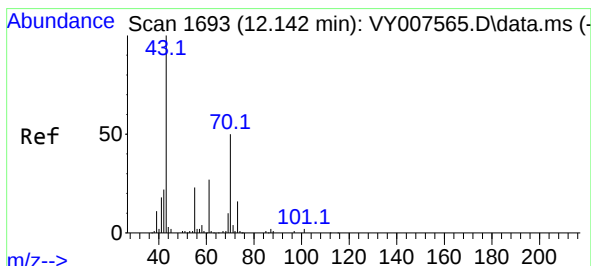
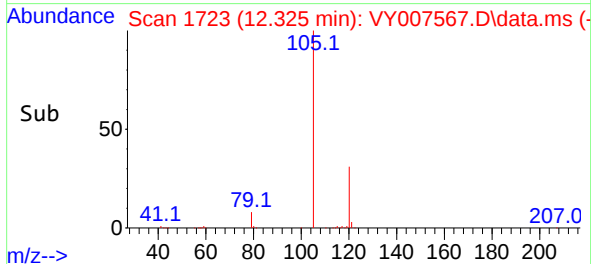
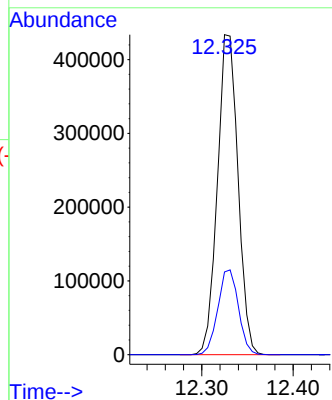
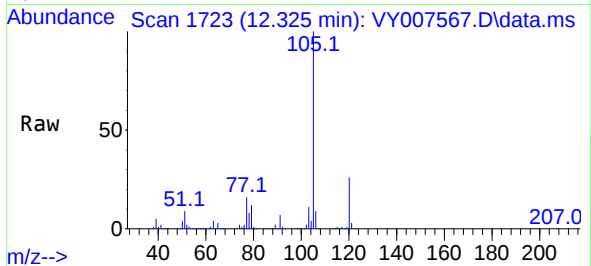
#73
Isopropylbenzene
Concen: 120.002 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 679339
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

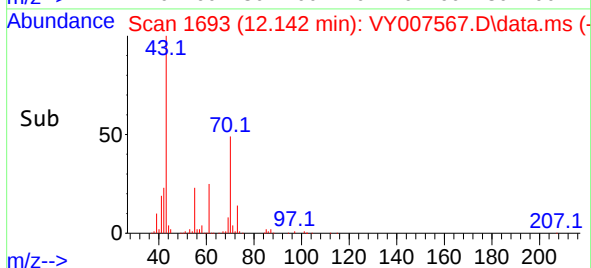
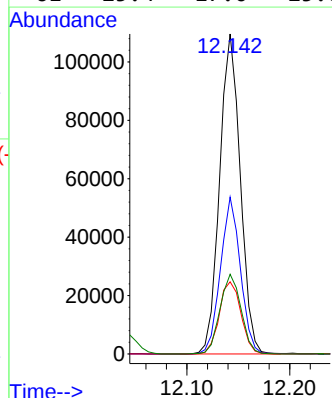
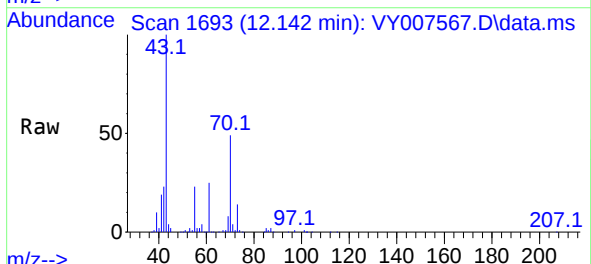
Manual Integrations
APPROVED

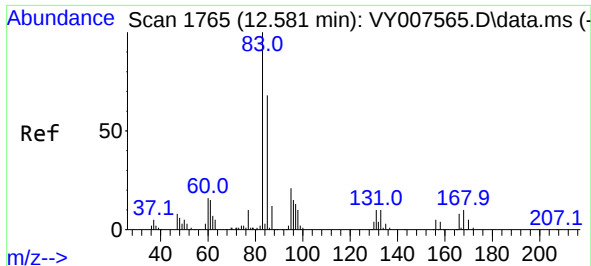
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
N-amy1 acetate
Concen: 121.804 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

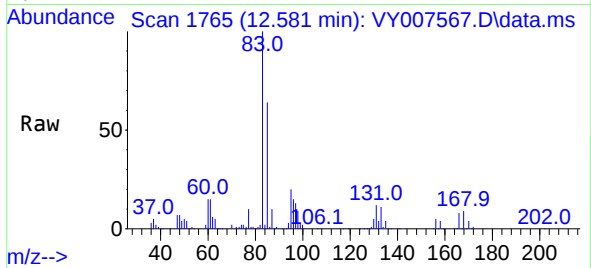
Tgt Ion: 43 Resp: 152644
Ion Ratio Lower Upper
43 100
70 47.3 28.7 43.1#
55 23.7 17.3 25.9
61 25.4 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 129.834 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

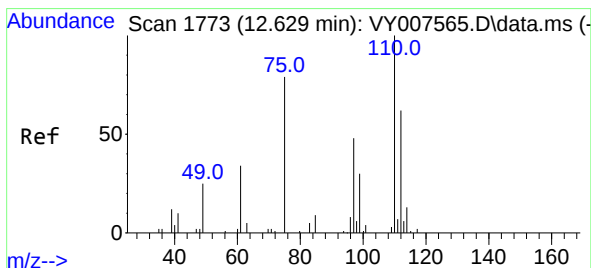
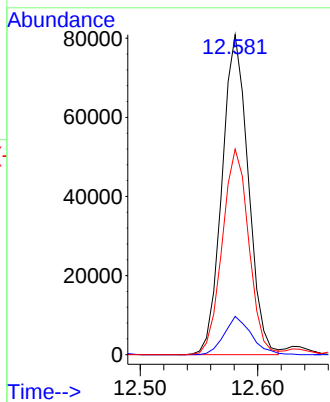
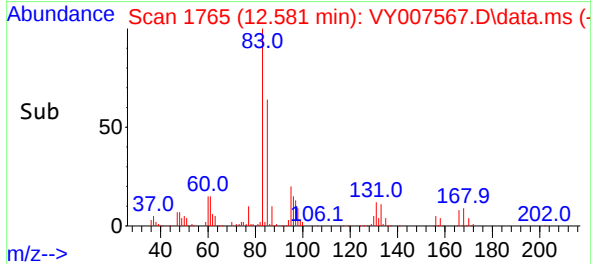
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



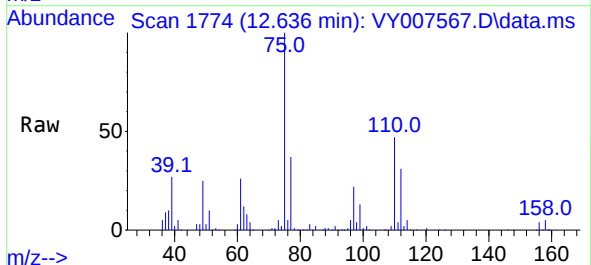
Tgt Ion: 83 Resp: 12551
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 64.9 32.3 96.8

Manual Integrations
APPROVED

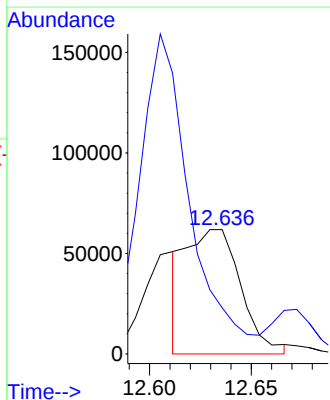
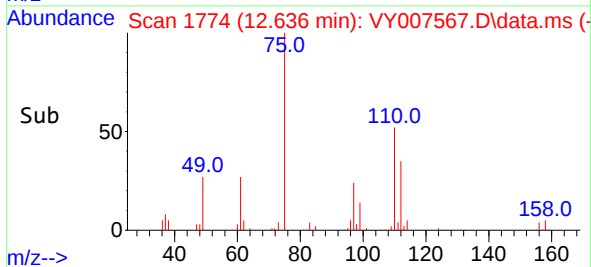
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

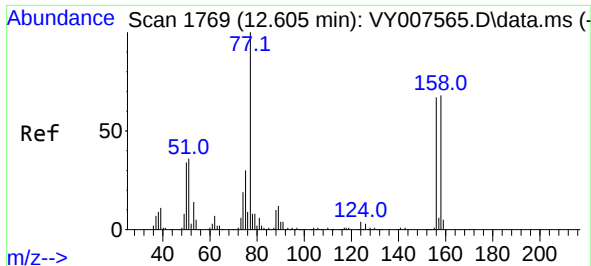


#76
1,2,3-Trichloropropane
Concen: 154.776 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



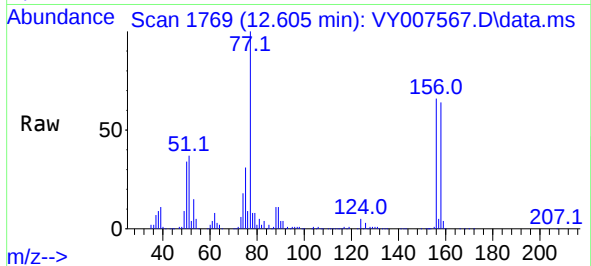
Tgt Ion: 75 Resp: 116248
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 134.347 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

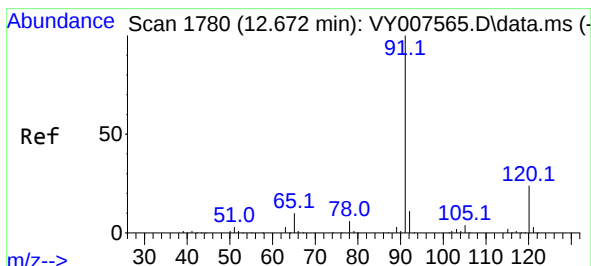
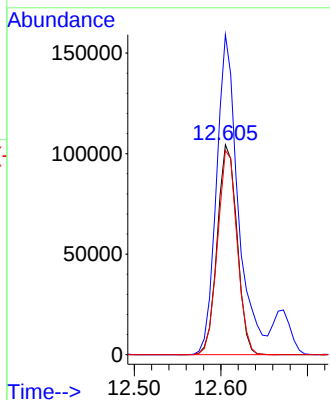
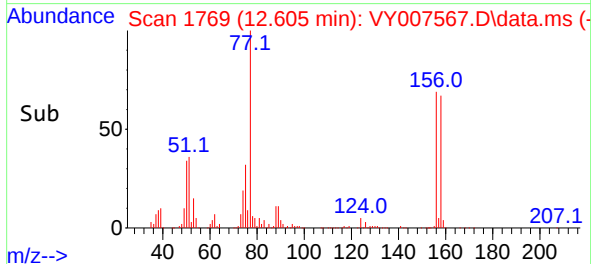
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



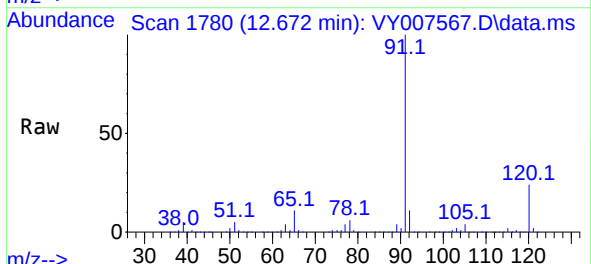
Tgt Ion:156 Resp: 165190
Ion Ratio Lower Upper
156 100
77 167.5 95.5 286.4
158 96.8 48.0 144.0

Manual Integrations
APPROVED

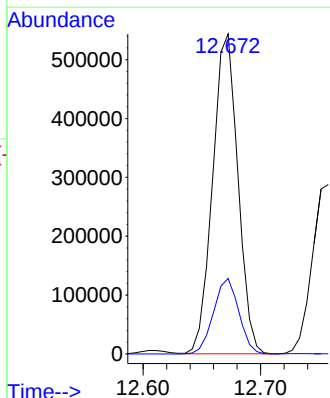
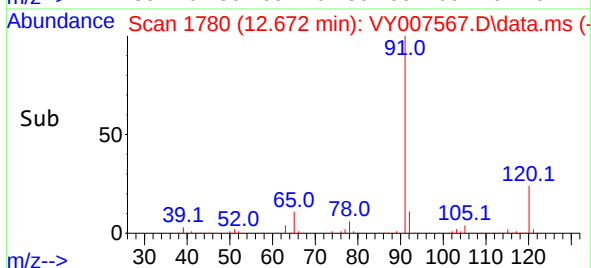
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

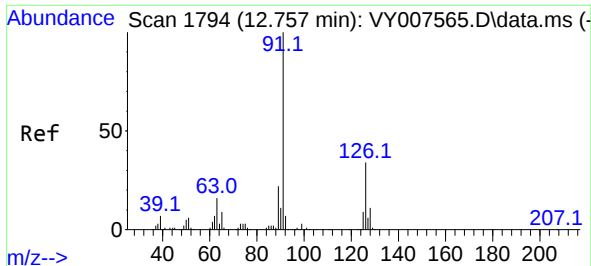


#78
n-propylbenzene
Concen: 120.120 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion: 91 Resp: 812430
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9





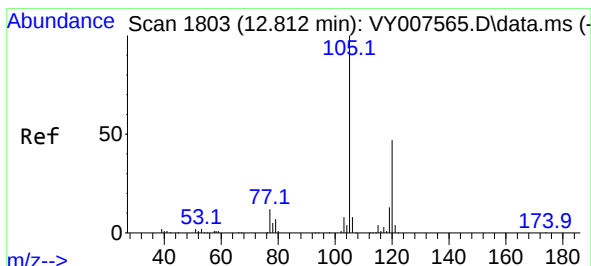
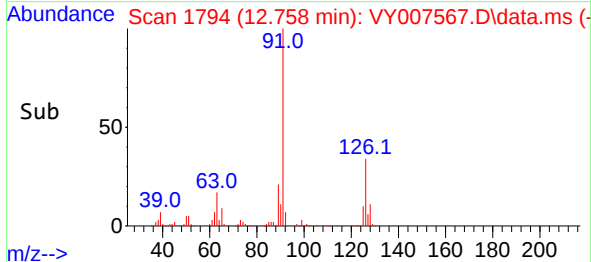
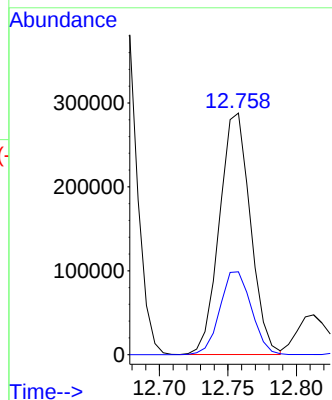
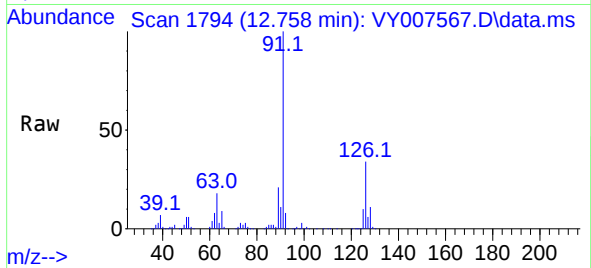
#79
2-Chlorotoluene
Concen: 121.516 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 453280
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

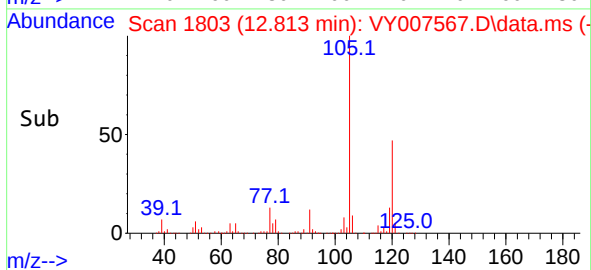
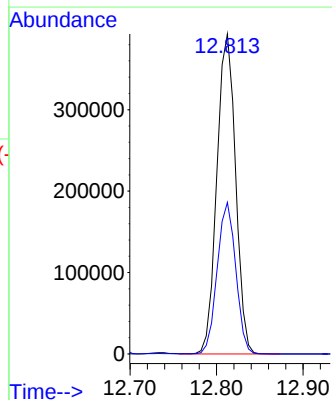
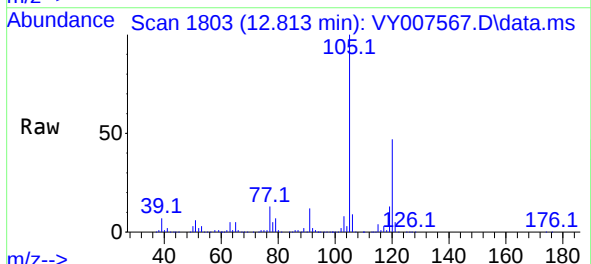
Manual Integrations
APPROVED

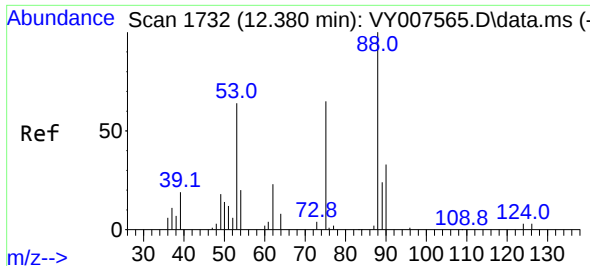
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 125.622 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion:105 Resp: 589998
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.4





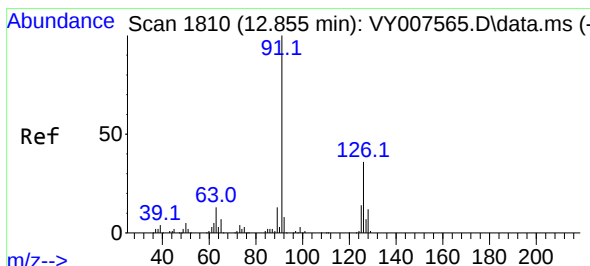
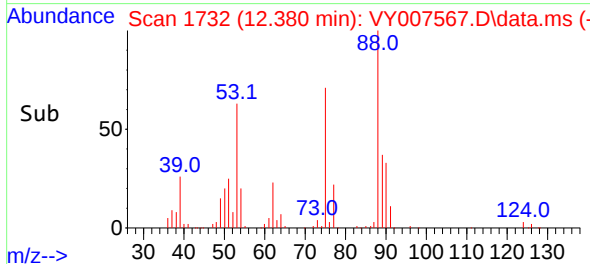
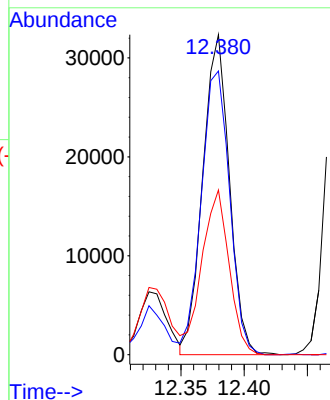
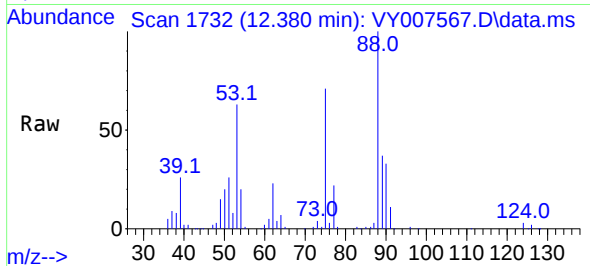
#81
trans-1,4-Dichloro-2-butene
Concen: 134.972 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 47249
Ion Ratio Lower Upper
75 100
53 94.6 85.3 127.9
89 52.9 37.0 55.4

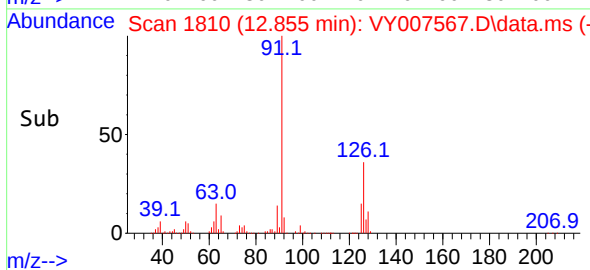
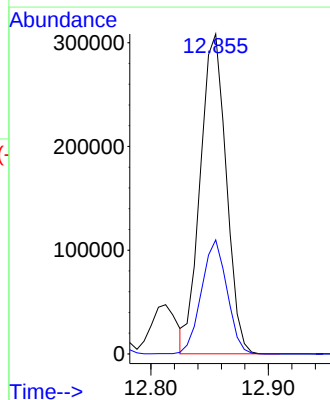
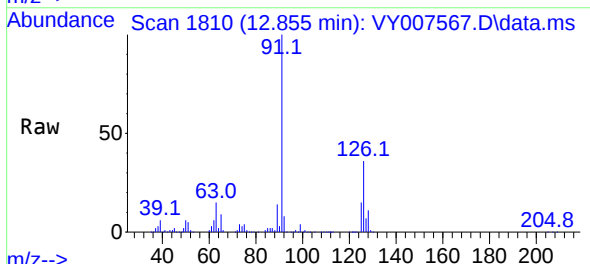
Manual Integrations
APPROVED

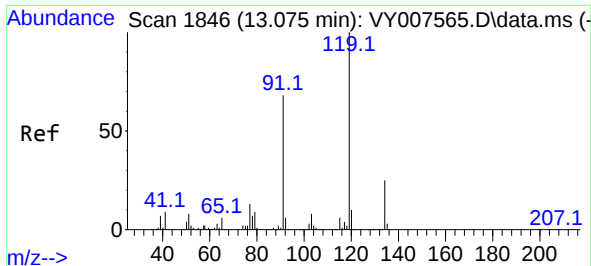
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#82
4-Chlorotoluene
Concen: 123.520 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion: 91 Resp: 472825
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 126.894 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

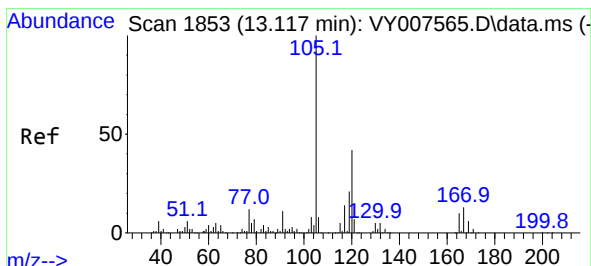
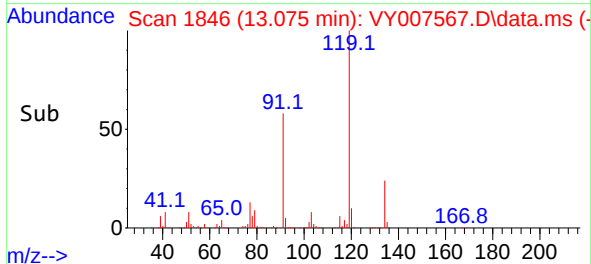
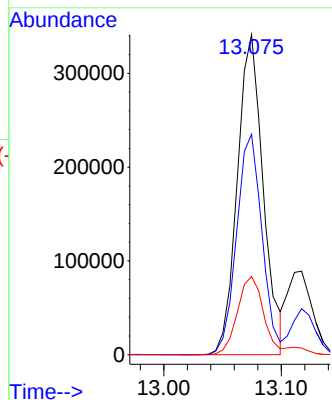
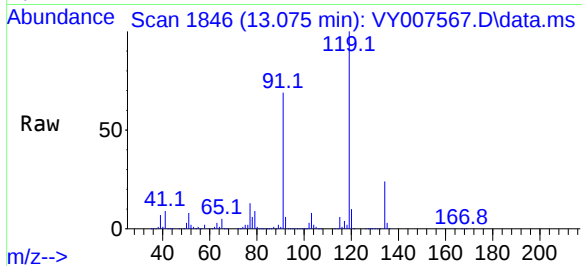
VSTDIC150

Tgt Ion:119 Resp: 52313
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.4
134 26.3 13.3 39.9

Manual Integrations

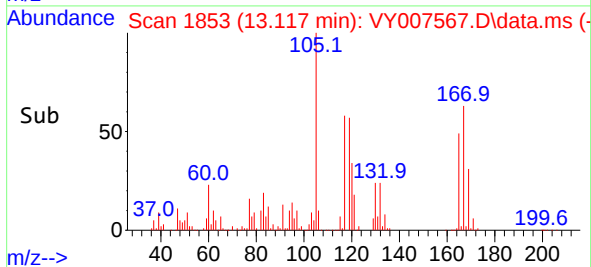
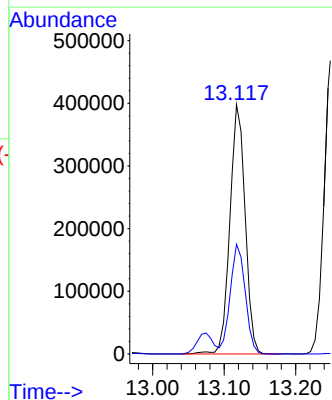
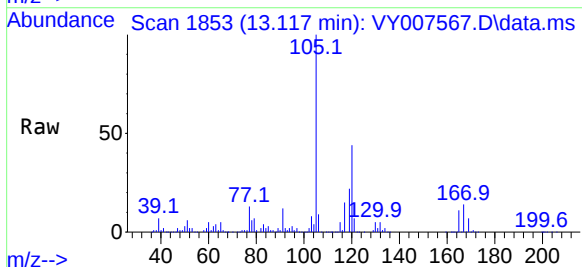
APPROVED

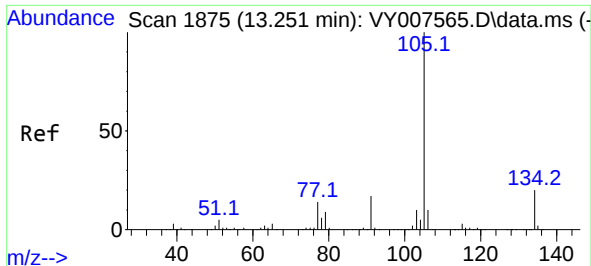
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 128.727 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

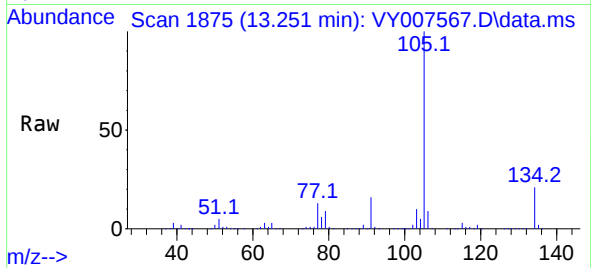
Tgt Ion:105 Resp: 588100
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 124.936 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007567.D
 Acq: 21 Feb 2022 13:40

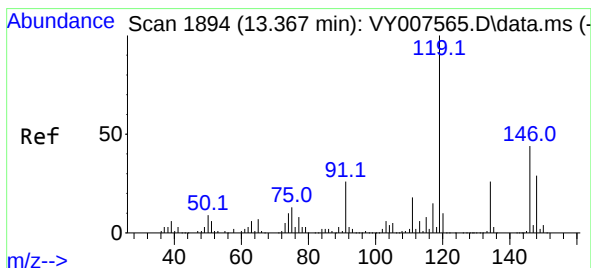
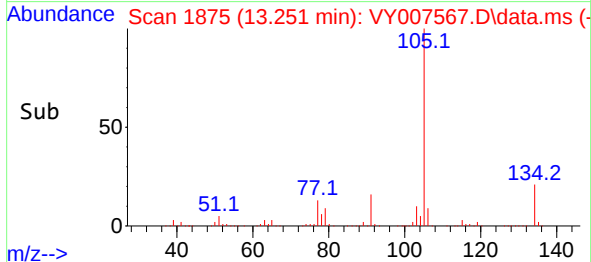
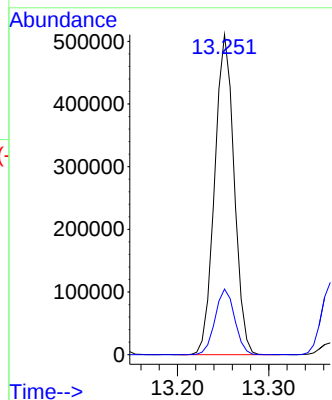
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 755292
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

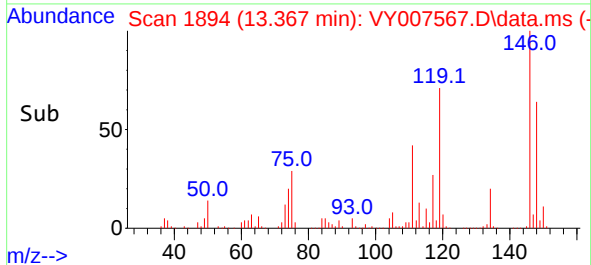
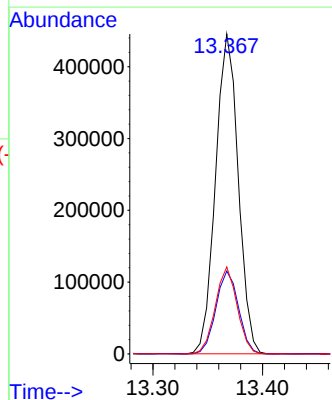
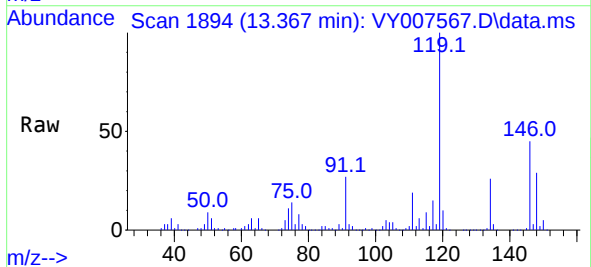
Manual Integrations
 APPROVED

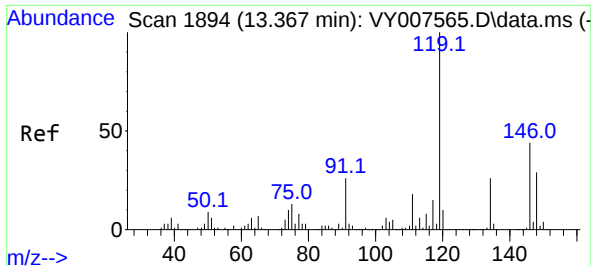
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 128.136 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007567.D
 Acq: 21 Feb 2022 13:40

Tgt Ion:119 Resp: 640716
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 26.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 132.772 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 31638

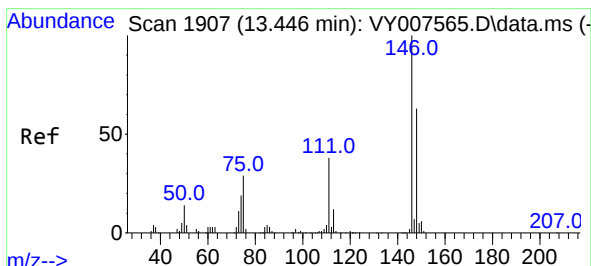
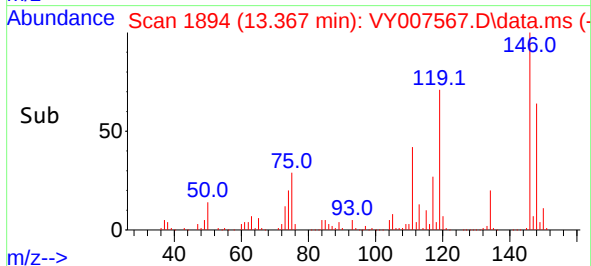
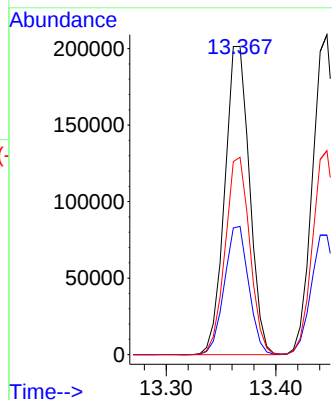
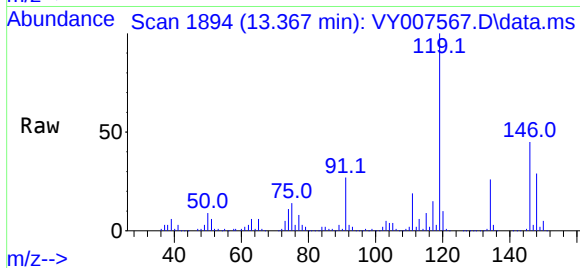
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.5	58.5
148	63.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#88

1,4-Dichlorobenzene

Concen: 135.187 ug/l

RT: 13.447 min Scan# 1907

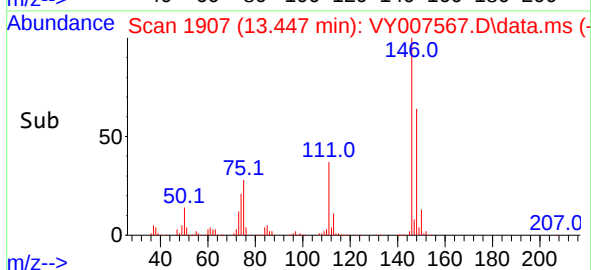
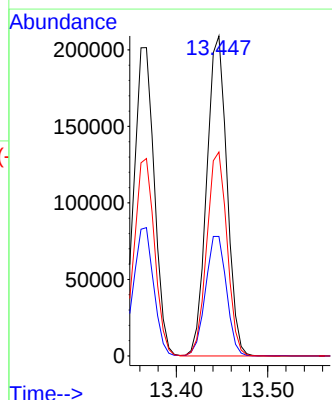
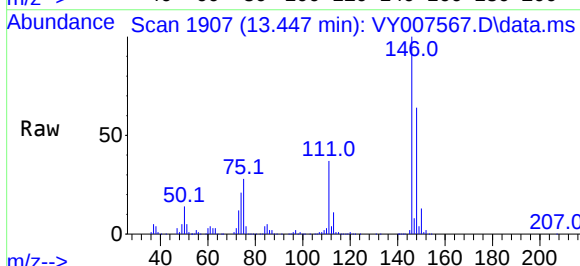
Delta R.T. 0.000 min

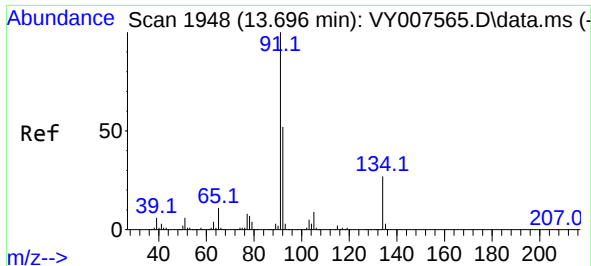
Lab File: VY007567.D

Acq: 21 Feb 2022 13:40

Tgt Ion:146 Resp: 320716

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	63.8	32.6	97.8





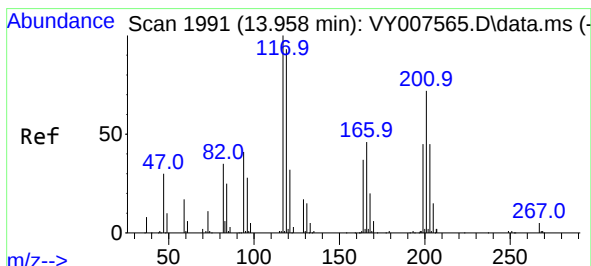
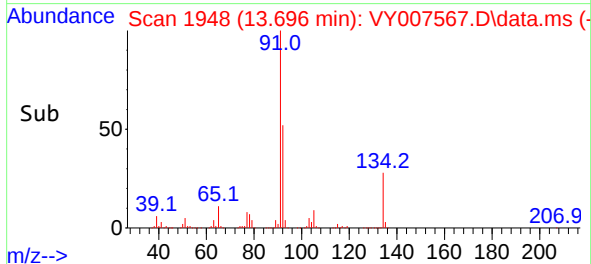
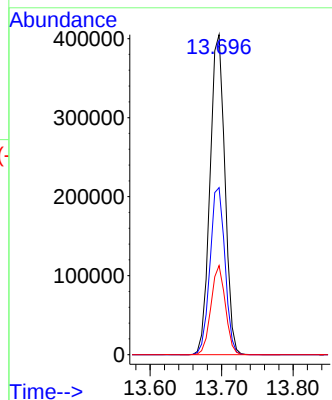
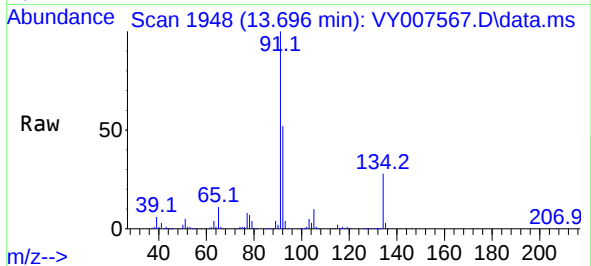
#89
n-Butylbenzene
Concen: 123.660 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 585209
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 27.0 13.0 38.9

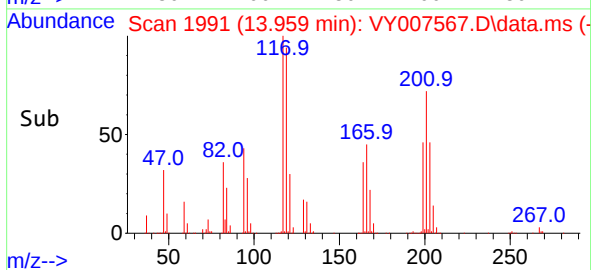
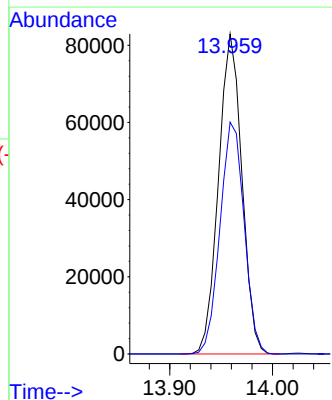
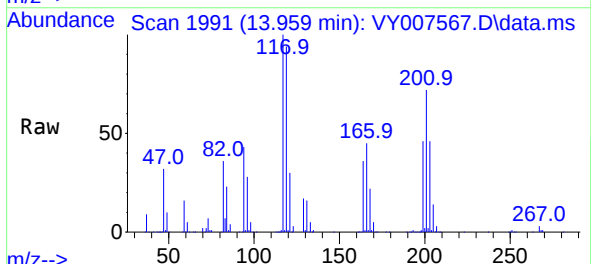
Manual Integrations
APPROVED

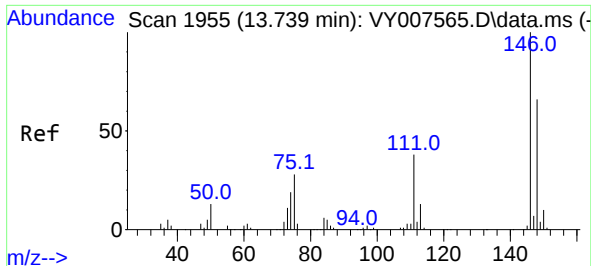
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 135.352 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Tgt Ion:117 Resp: 130790
Ion Ratio Lower Upper
117 100
201 74.9 43.0 128.8





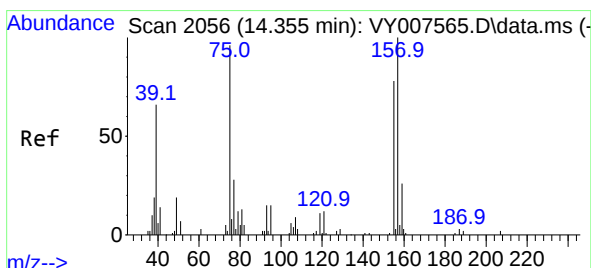
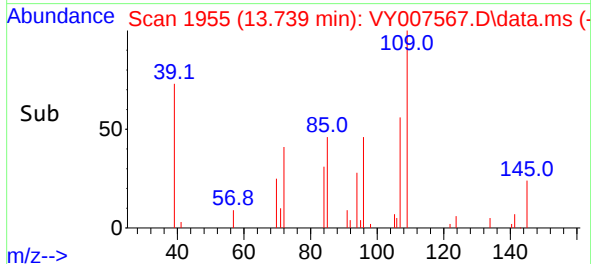
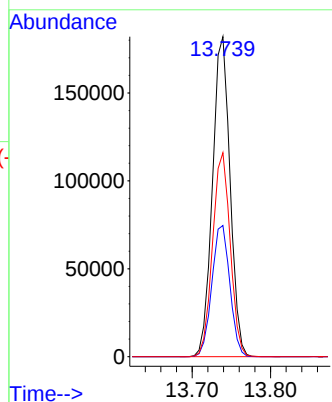
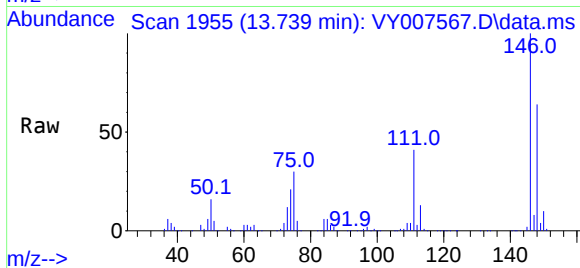
#91
1,2-Dichlorobenzene
Concen: 134.203 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 283458
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 63.9 32.3 96.9

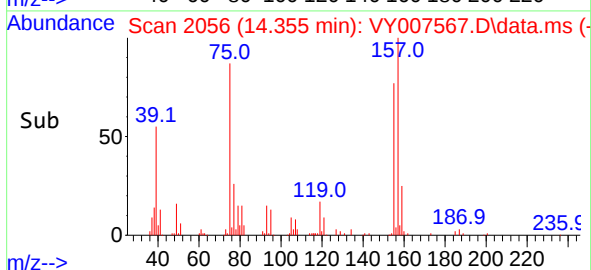
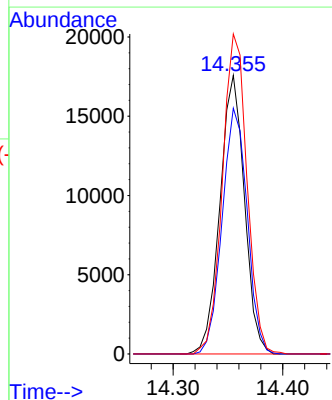
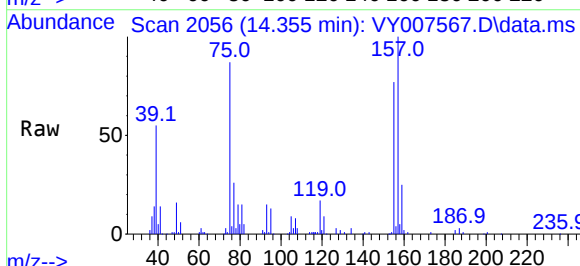
Manual Integrations
APPROVED

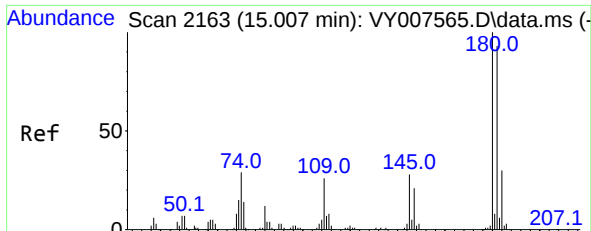
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 162.128 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

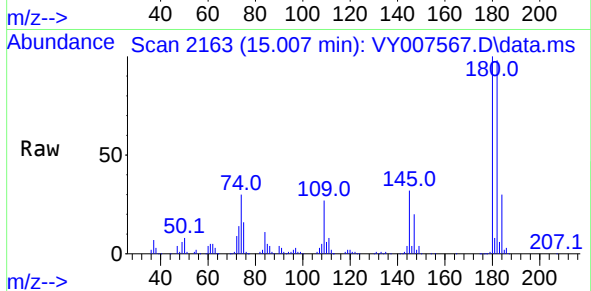
Tgt Ion: 75 Resp: 27282
Ion Ratio Lower Upper
75 100
155 89.9 38.0 113.9
157 115.6 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 154.442 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

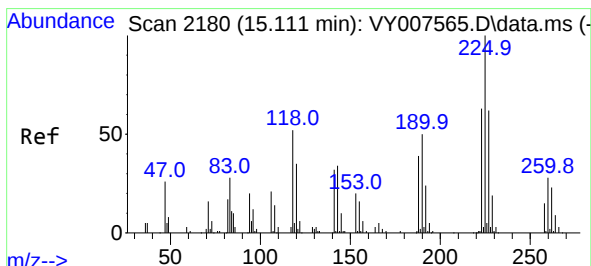
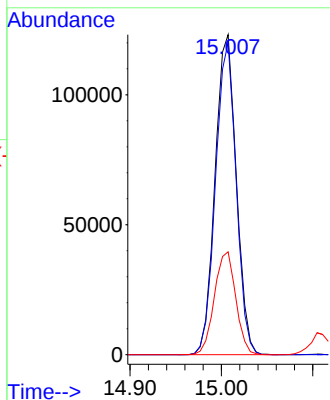
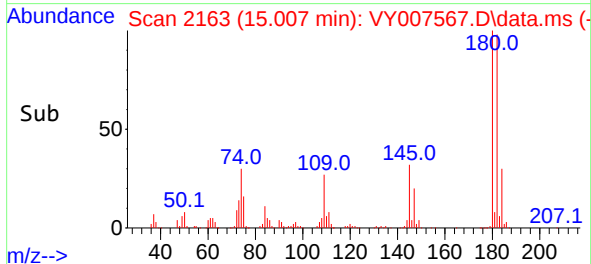
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



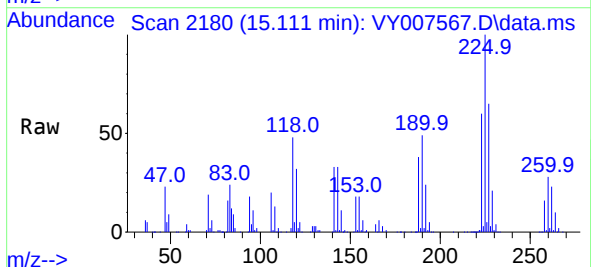
Tgt Ion:180 Resp: 19847
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.5 14.6 43.8

Manual Integrations
APPROVED

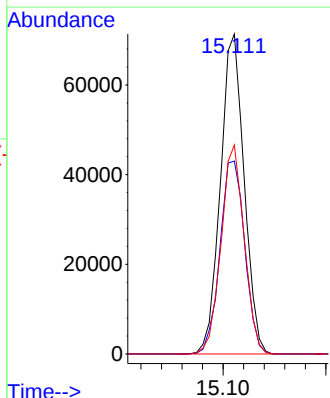
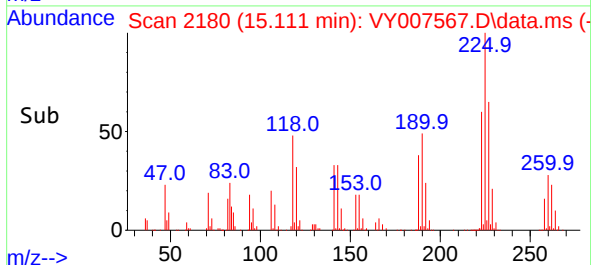
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

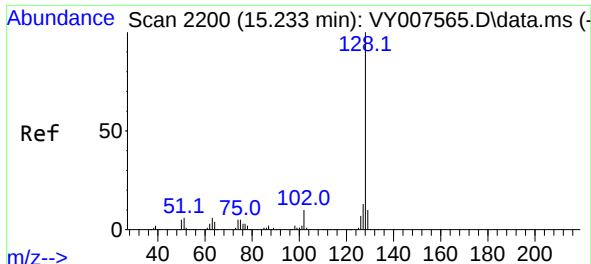


#94
Hexachlorobutadiene
Concen: 151.733 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



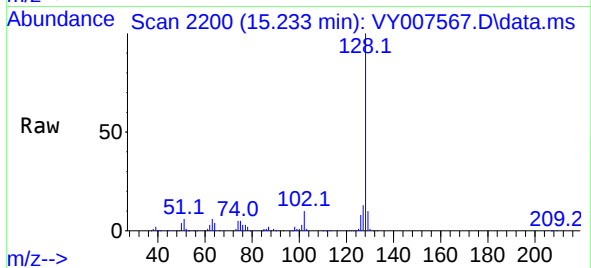
Tgt Ion:225 Resp: 114054
Ion Ratio Lower Upper
225 100
223 63.1 30.8 92.3
227 63.6 31.6 94.7





#95
Naphthalene
Concen: 156.844 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40

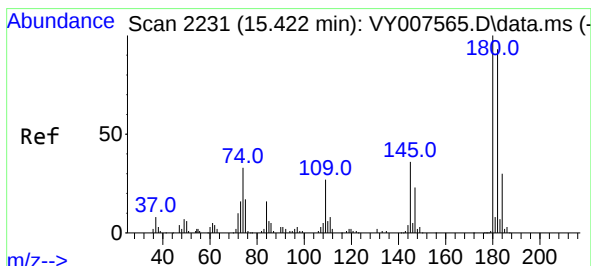
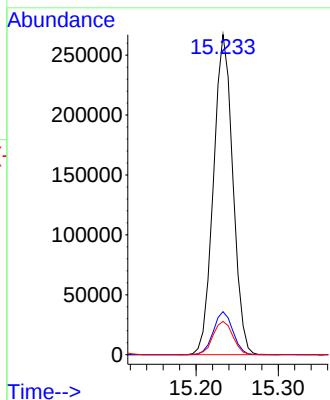
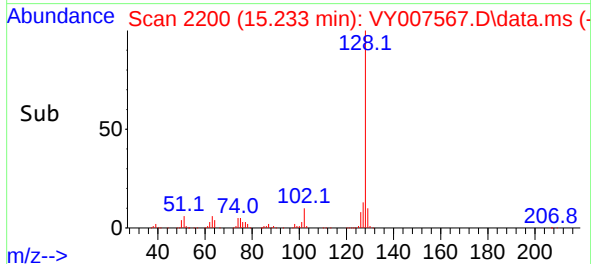
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



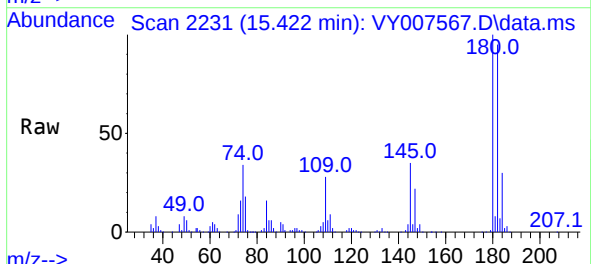
Tgt Ion:128 Resp: 436783
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 155.801 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007567.D
Acq: 21 Feb 2022 13:40



Tgt Ion:180 Resp: 173279
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 35.1 15.3 45.9

