

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007564.D
 Acq On : 21 Feb 2022 12:32
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Feb 21 14:20:06 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	104813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24057	21.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.400%	#	
35) Dibromofluoromethane	7.722	113	24160	23.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.600%	#	
50) Toluene-d8	10.179	98	83869	21.684	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	43.360%	#	
62) 4-Bromofluorobenzene	12.477	95	29432	22.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29113	25.033	ug/l	99
3) Chloromethane	2.113	50	24539	21.645	ug/l	100
4) Vinyl Chloride	2.253	62	25651	22.052	ug/l	99
5) Bromomethane	2.644	94	17994	22.100	ug/l	99
6) Chloroethane	2.790	64	15742	22.476	ug/l	99
7) Trichlorofluoromethane	3.125	101	54168	24.224	ug/l	90
8) Diethyl Ether	3.534	74	13859	21.971	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.893	101	27265	22.649	ug/l	96
10) Methyl Iodide	4.095	142	30747	20.578	ug/l	98
11) Tert butyl alcohol	4.966	59	10536	117.109	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	24141	21.708	ug/l	80
13) Acrolein	3.729	56	9980	114.463	ug/l	97
14) Allyl chloride	4.485	41	26099	17.343	ug/l #	74
15) Acrylonitrile	5.168	53	27157	99.945	ug/l	99
16) Acetone	3.948	43	26445	91.585	ug/l #	89
17) Carbon Disulfide	4.198	76	64080	20.283	ug/l	98
18) Methyl Acetate	4.473	43	12739	20.188	ug/l #	77
19) Methyl tert-butyl Ether	5.228	73	67485	21.825	ug/l	91
20) Methylene Chloride	4.716	84	26592	21.588	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	25502	21.198	ug/l #	79
22) Diisopropyl ether	6.119	45	54819	17.421	ug/l #	83
23) Vinyl Acetate	6.058	43	186597	92.119	ug/l #	87
24) 1,1-Dichloroethane	6.027	63	39315	19.490	ug/l	96
25) 2-Butanone	6.984	43	32544	91.079	ug/l #	72
26) 2,2-Dichloropropane	6.984	77	42815	20.857	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	27974	20.741	ug/l	81
28) Bromochloromethane	7.338	49	12741	16.899	ug/l #	16
29) Tetrahydrofuran	7.344	42	19994	94.474	ug/l #	66
30) Chloroform	7.509	83	48786	21.931	ug/l	97
31) Cyclohexane	7.783	56	34519	17.848	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	48816	22.981	ug/l	94
36) 1,1-Dichloropropene	7.923	75	34425	21.074	ug/l	96
37) Ethyl Acetate	7.070	43	14511	19.947	ug/l #	89
38) Carbon Tetrachloride	7.899	117	44950	23.590	ug/l	95
39) Methylcyclohexane	9.185	83	43124	20.456	ug/l #	84
40) Benzene	8.161	78	90246	20.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	8001m	17.275	ug/l	
42) 1,2-Dichloroethane	8.240	62	30711	22.062	ug/l	96
43) Isopropyl Acetate	8.271	43	28588	19.253	ug/l #	82
44) Trichloroethene	8.941	130	29245	22.575	ug/l	93
45) 1,2-Dichloropropane	9.216	63	20692	19.576	ug/l	98
46) Dibromomethane	9.307	93	15592	22.958	ug/l	97
47) Bromodichloromethane	9.496	83	36258	22.121	ug/l	98
48) Methyl methacrylate	9.289	41	11776	17.997	ug/l #	66
49) 1,4-Dioxane	9.301	88	3699	508.704	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	71271	97.033	ug/l #	83
52) Toluene	10.246	92	60508	20.962	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	37253	22.061	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	39842	21.162	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	21068	23.639	ug/l	90
56) Ethyl methacrylate	10.508	69	25630	21.665	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	33044	21.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	60333	98.182	ug/l #	83
59) 2-Hexanone	10.831	43	50767	96.713	ug/l	85
60) Dibromochloromethane	10.984	129	27172	23.729	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20451	22.804	ug/l	98
64) Tetrachloroethene	10.721	164	27111	22.579	ug/l	98
65) Chlorobenzene	11.514	112	68073	20.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26731	21.321	ug/l	99
67) Ethyl Benzene	11.593	91	120837	19.804	ug/l	98
68) m/p-Xylenes	11.703	106	90204	38.978	ug/l	98
69) o-Xylene	12.026	106	44375	20.228	ug/l	99
70) Styrene	12.044	104	73536	20.392	ug/l	98
71) Bromoform	12.209	173	16997	24.218	ug/l #	95
73) Isopropylbenzene	12.331	105	124648	20.088	ug/l	98
74) N-amyl acetate	12.142	43	23783	17.314	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	21925	20.692	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	19771m	24.016	ug/l	
77) Bromobenzene	12.605	156	29474	21.868	ug/l	85
78) n-propylbenzene	12.672	91	144540	19.497	ug/l	98
79) 2-Chlorotoluene	12.758	91	80836	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	102605	19.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7387	19.253	ug/l #	88
82) 4-Chlorotoluene	12.855	91	81076	19.323	ug/l	97
83) tert-Butylbenzene	13.075	119	93138	20.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	100212	20.012	ug/l	99
85) sec-Butylbenzene	13.251	105	132732	20.031	ug/l	99
86) p-Isopropyltoluene	13.367	119	112699	20.563	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53408	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	52693	20.264	ug/l	98
89) n-Butylbenzene	13.696	91	101368	19.542	ug/l	99
90) Hexachloroethane	13.959	117	21517	20.315	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	48117	20.784	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4326	23.454	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	32140	22.817	ug/l	97
94) Hexachlorobutadiene	15.111	225	19976	24.245	ug/l	100
95) Naphthalene	15.233	128	68029	22.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28652	23.503	ug/l	97

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

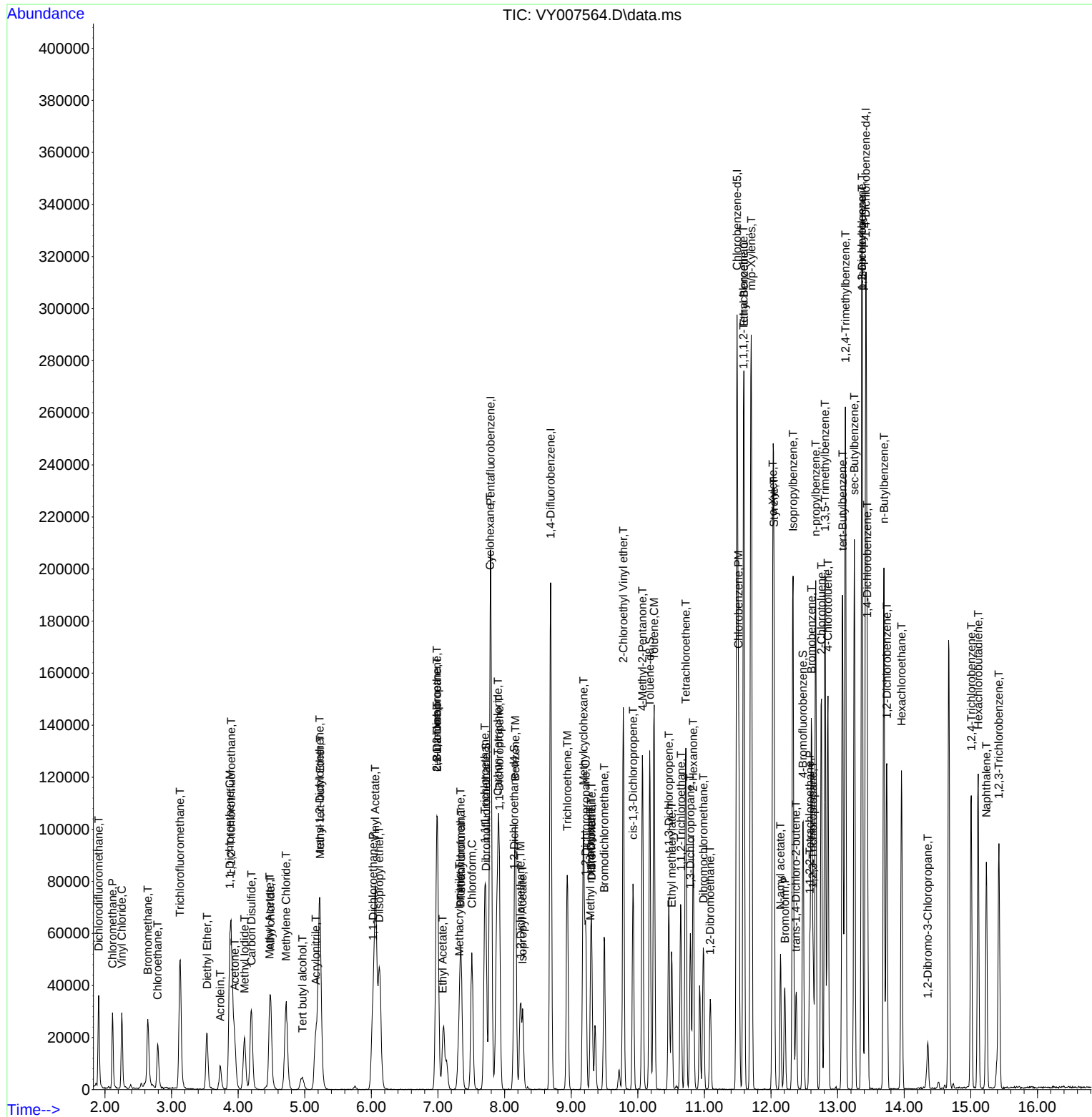
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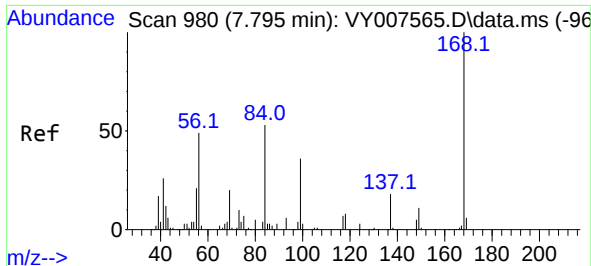
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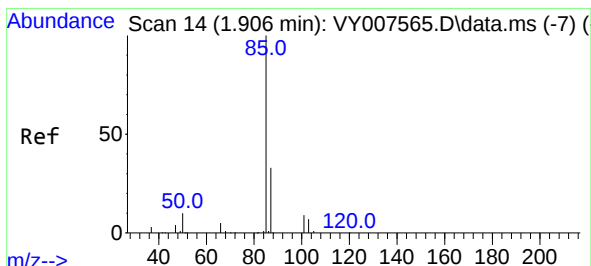
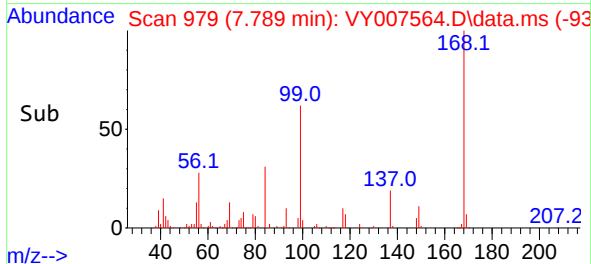
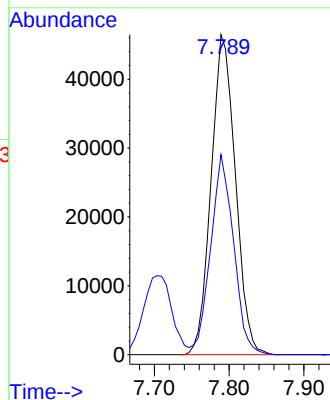
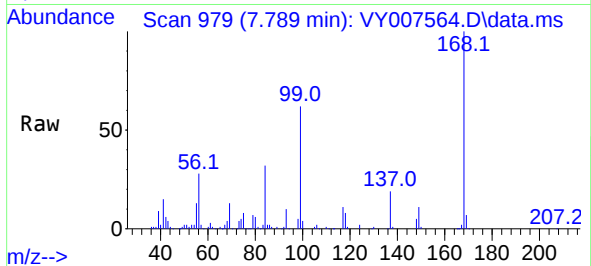
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 10481
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3

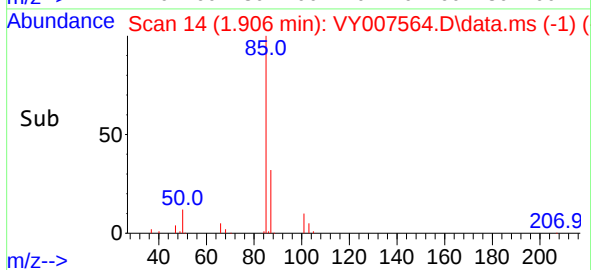
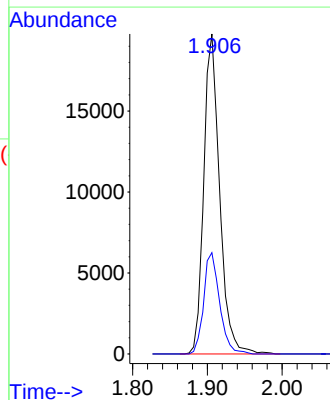
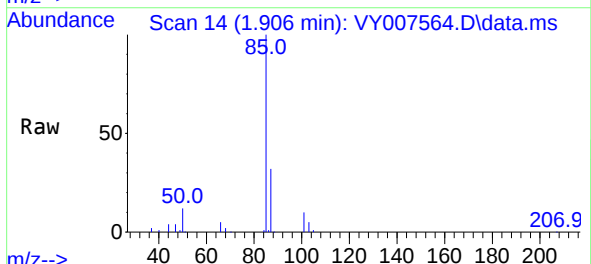
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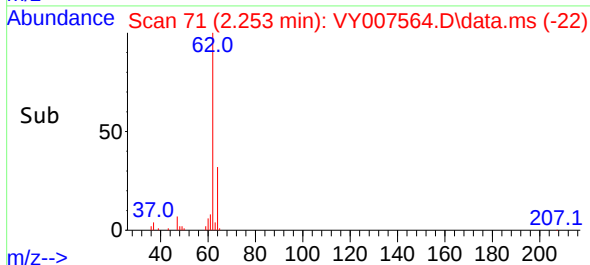
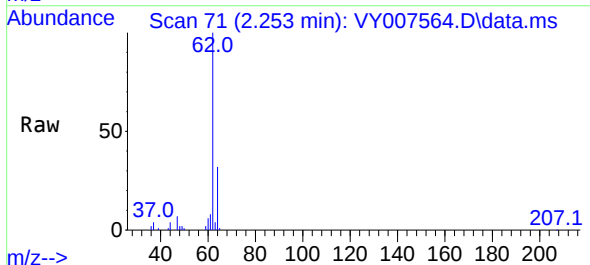
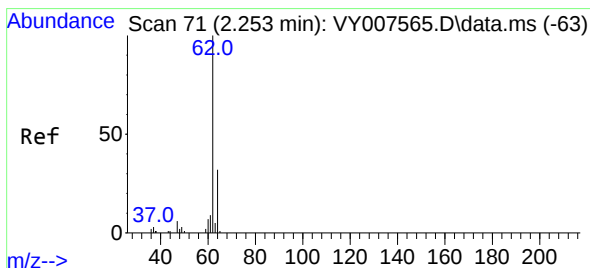
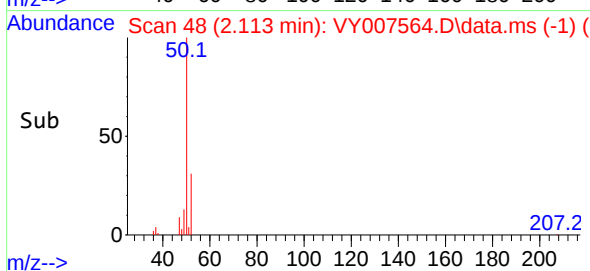
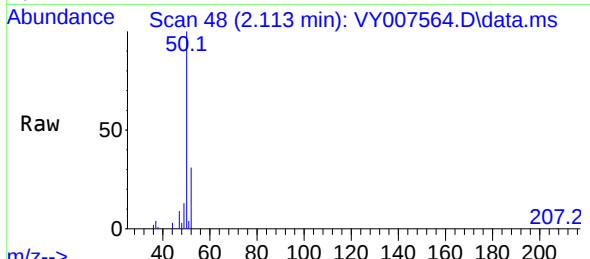
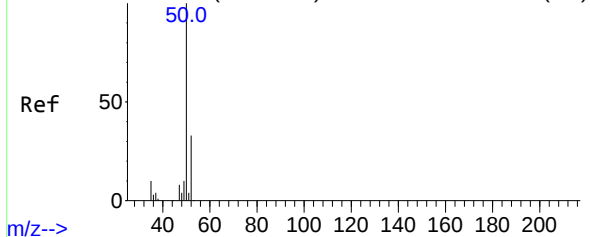


#2
Dichlorodifluoromethane
Concen: 25.033 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 85 Resp: 29113
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2



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



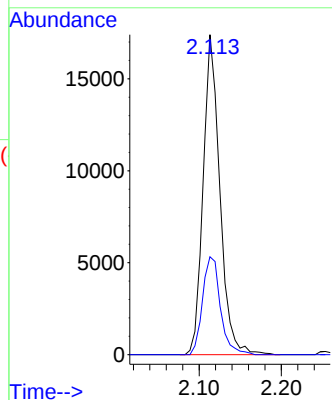
#3
Chloromethane
Concen: 21.645 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 50 Resp: 24539
Ion Ratio Lower Upper
50 100
52 30.6 24.6 37.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

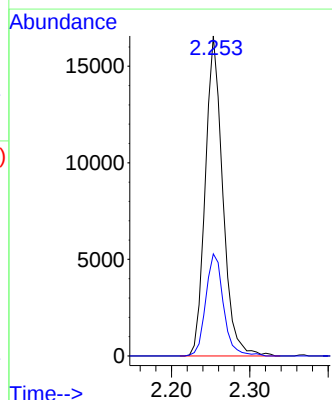
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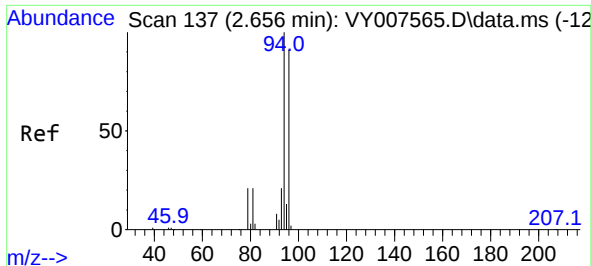
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#4
Vinyl Chloride
Concen: 22.052 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

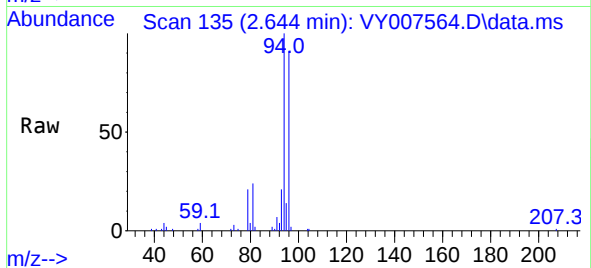
Tgt Ion: 62 Resp: 25651
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#5
Bromomethane
Concen: 22.100 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

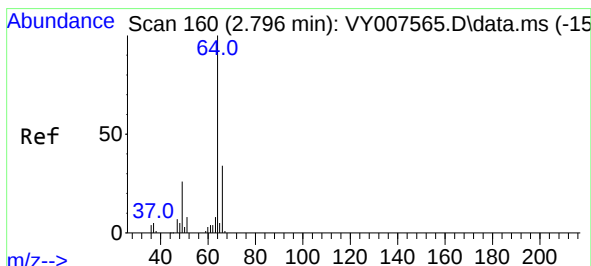
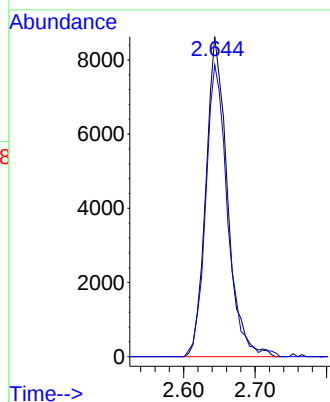
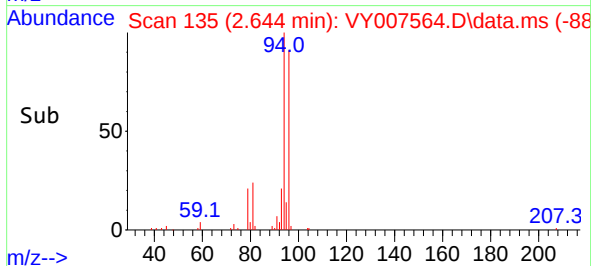
Instrument :
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Tgt Ion: 94 Resp: 17994
Ion Ratio Lower Upper
94 100
96 91.2 73.5 110.3

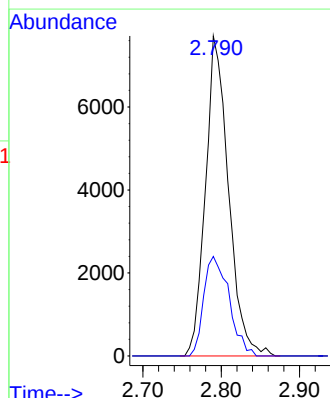
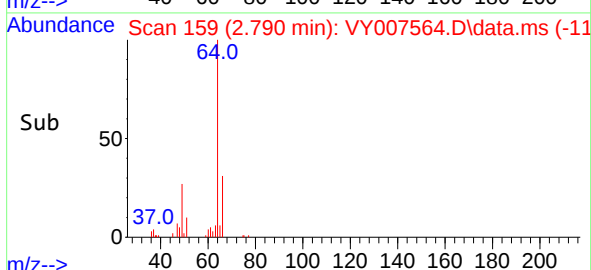
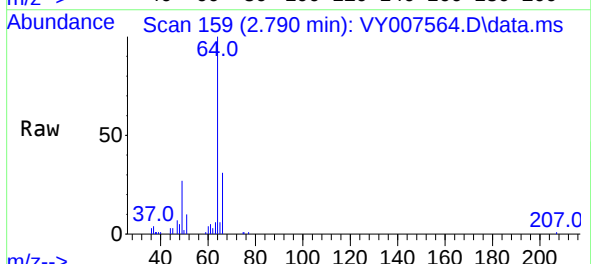
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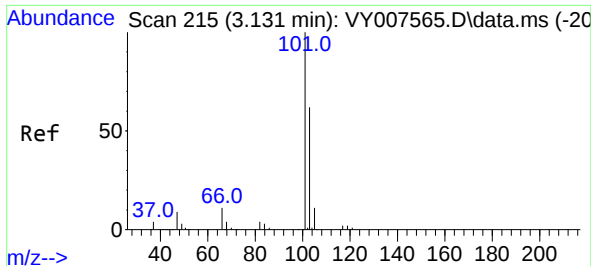
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#6
Chloroethane
Concen: 22.476 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 64 Resp: 15742
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0





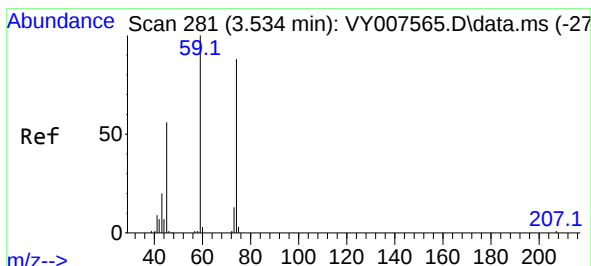
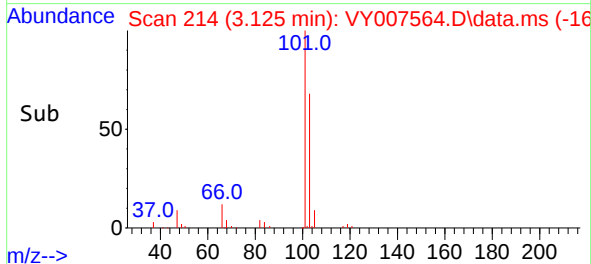
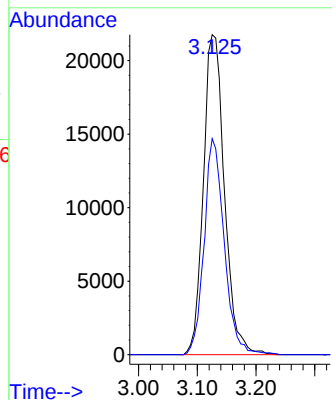
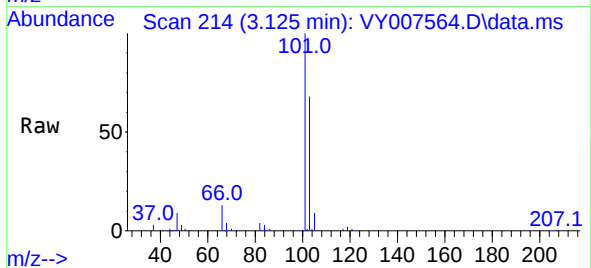
#7
Trichlorofluoromethane
Concen: 24.224 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
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Tgt Ion:101 Resp: 5416
Ion Ratio Lower Upper
101 100
103 67.5 48.0 72.0

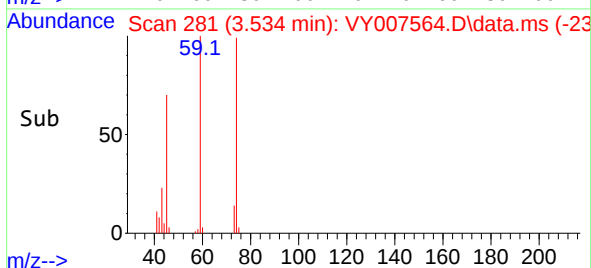
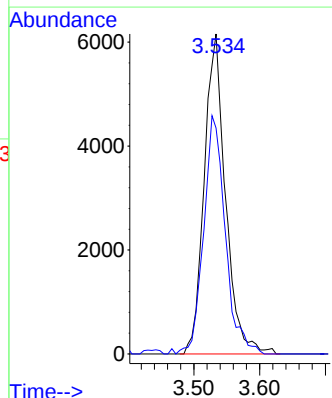
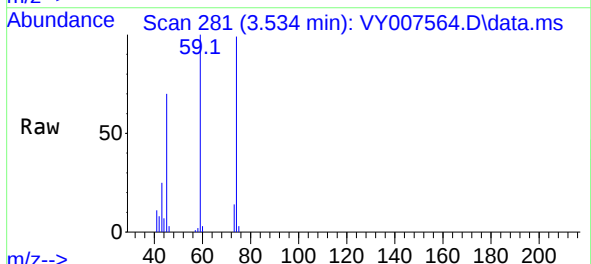
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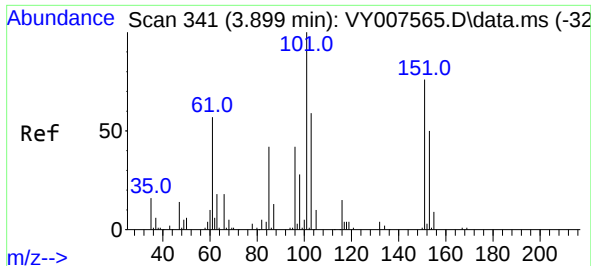
Reviewed By :John Carlone 02/22/2022
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#8
Diethyl Ether
Concen: 21.971 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 74 Resp: 13859
Ion Ratio Lower Upper
74 100
45 75.6 55.1 165.5





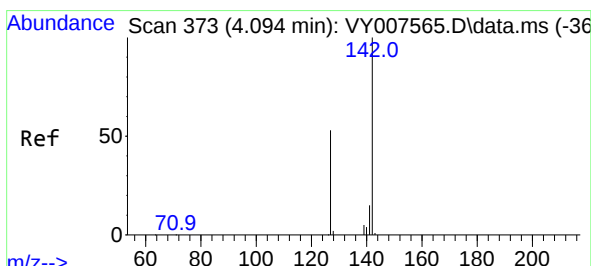
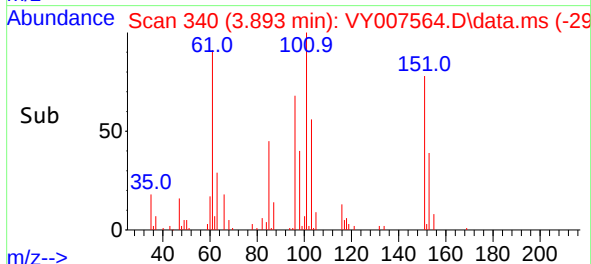
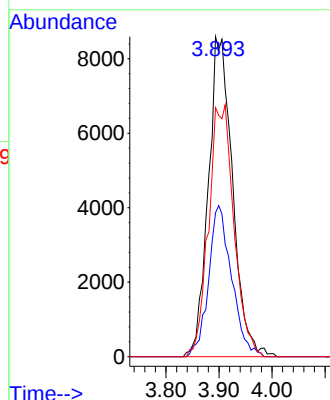
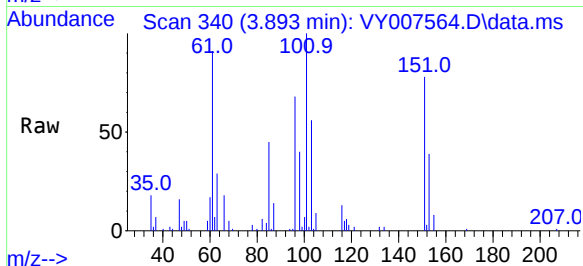
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.649 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 2726
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 82.0 64.9 97.3

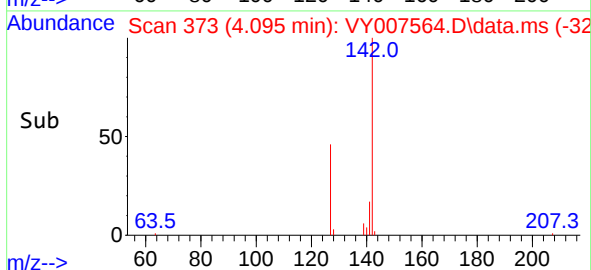
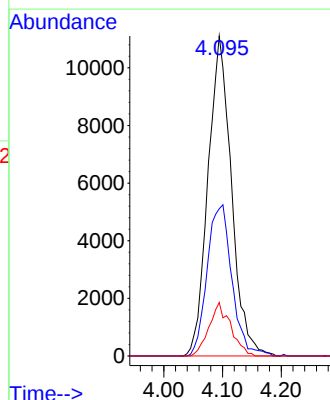
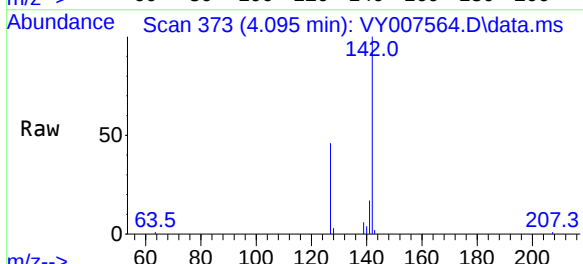
Manual Integrations
APPROVED

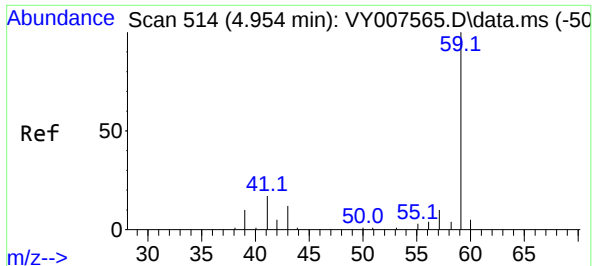
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 20.578 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:142 Resp: 30747
Ion Ratio Lower Upper
142 100
127 50.0 41.5 62.3
141 15.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 117.109 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.012 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 10530

Ion Ratio Lower Upper

59 100

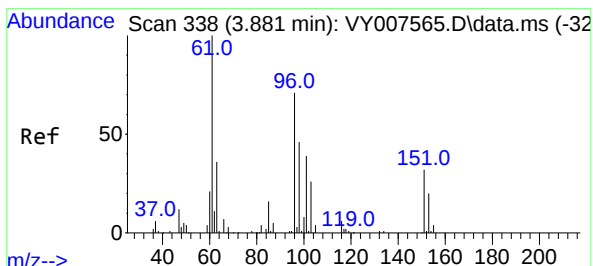
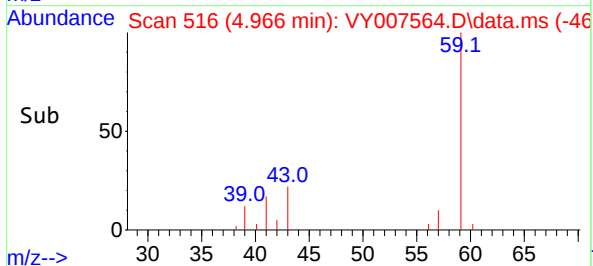
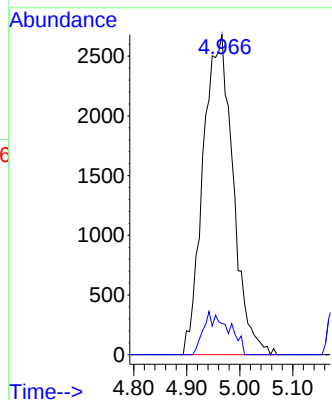
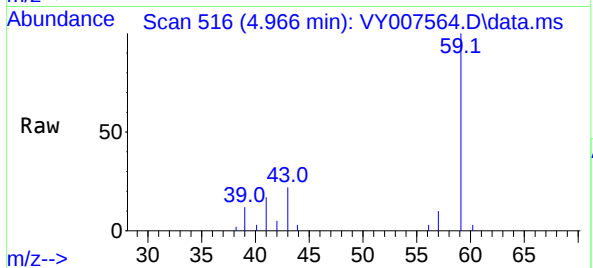
57 0.0 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#12

1,1-Dichloroethene

Concen: 21.708 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

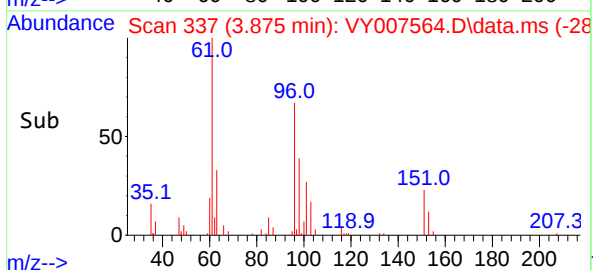
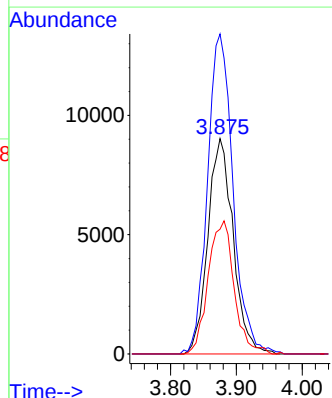
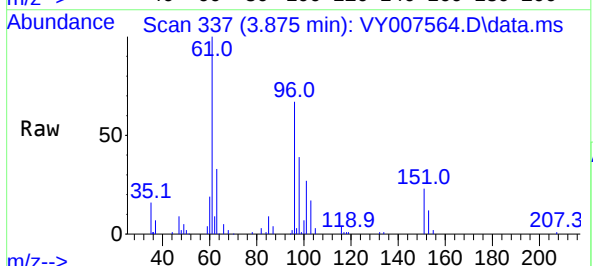
Tgt Ion: 96 Resp: 24141

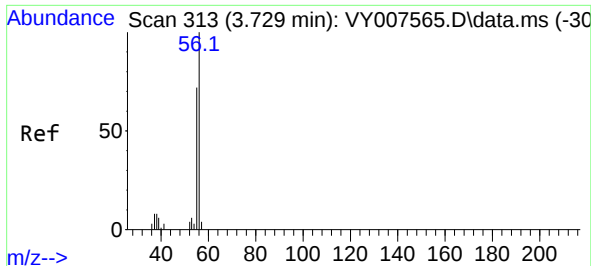
Ion Ratio Lower Upper

96 100

61 148.5 145.8 218.6

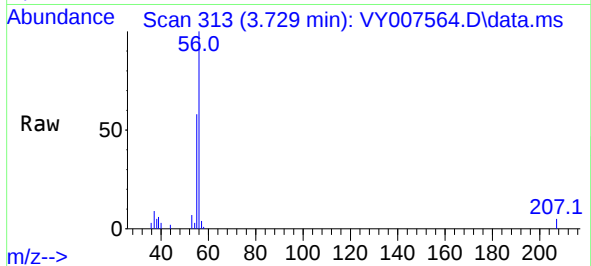
98 57.9 52.5 78.7





#13
Acrolein
Concen: 114.463 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

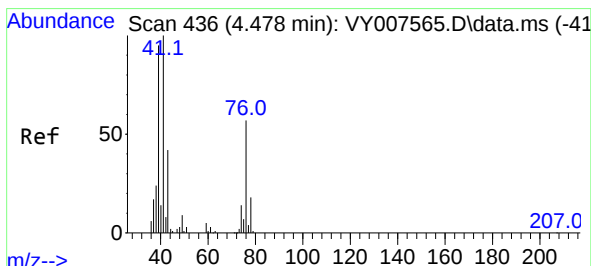
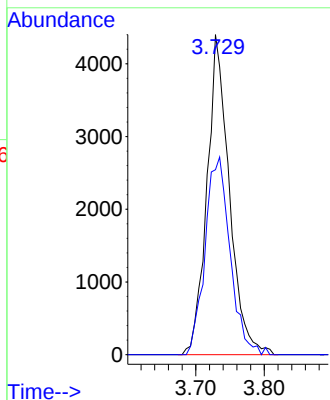
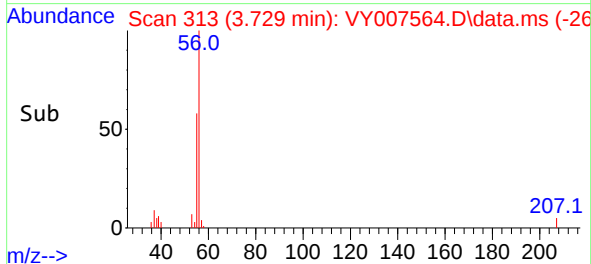
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



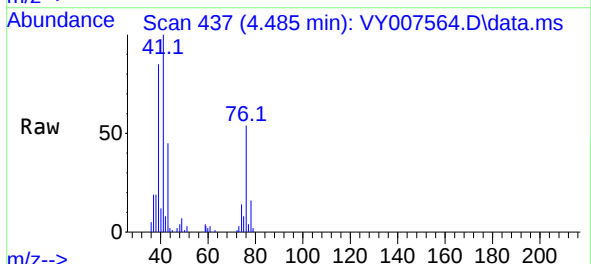
Tgt Ion: 56 Resp: 9980
Ion Ratio Lower Upper
56 100
55 69.1 57.6 86.4

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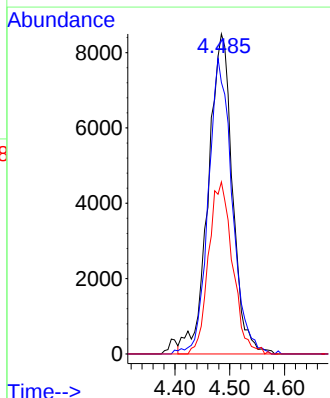
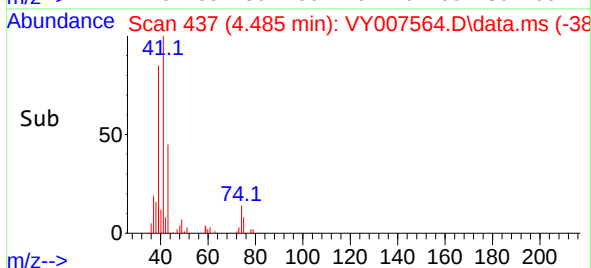
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

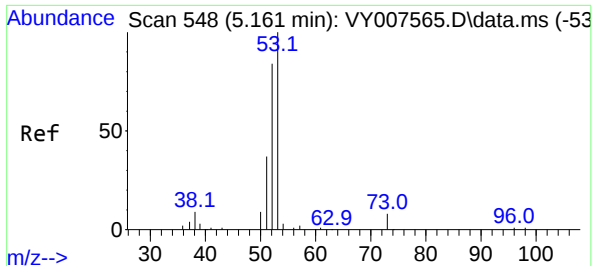


#14
Allyl chloride
Concen: 17.343 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



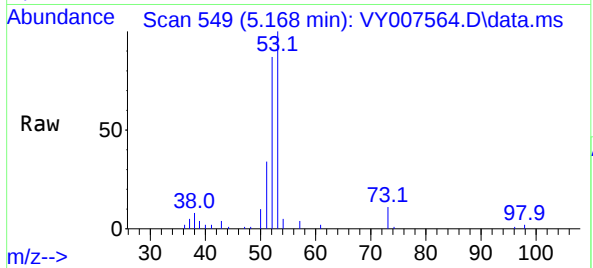
Tgt Ion: 41 Resp: 26099
Ion Ratio Lower Upper
41 100
39 90.7 58.8 88.2#
76 53.1 25.1 37.7#





#15
Acrylonitrile
Concen: 99.945 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

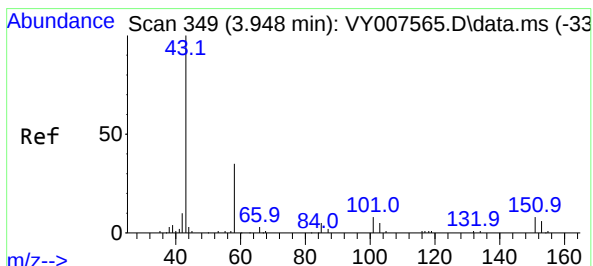
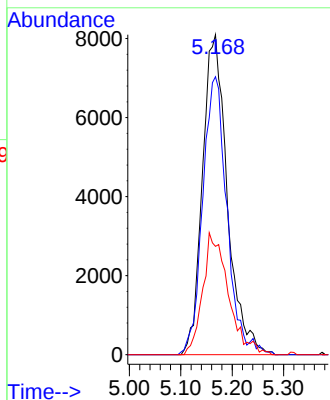
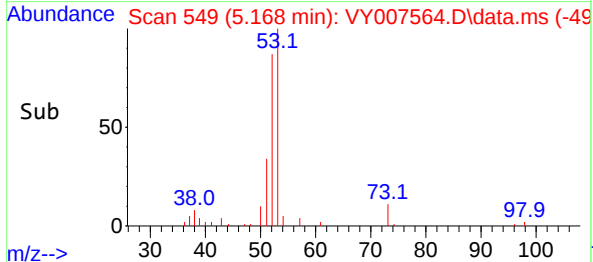
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



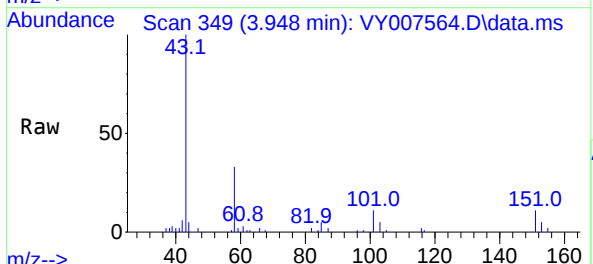
Tgt Ion: 53 Resp: 2715
Ion Ratio Lower Upper
53 100
52 85.1 67.0 100.4
51 38.0 29.8 44.6

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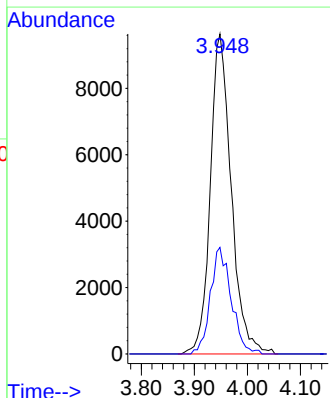
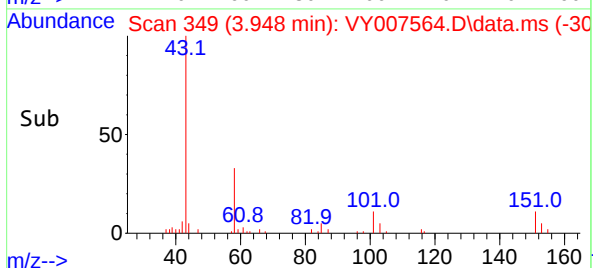
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

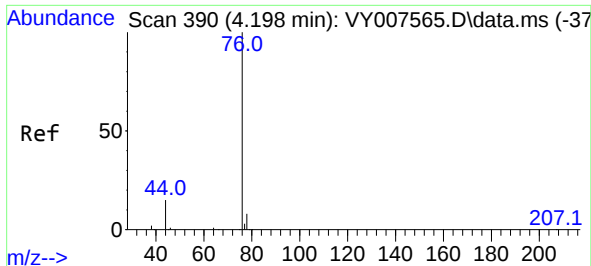


#16
Acetone
Concen: 91.585 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



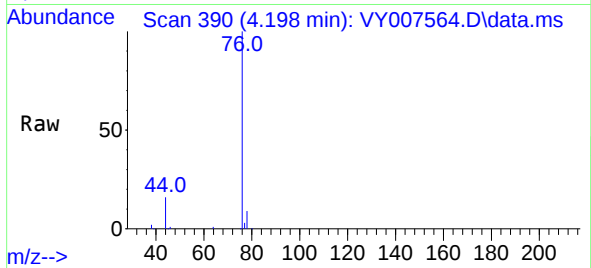
Tgt Ion: 43 Resp: 26445
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 20.283 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

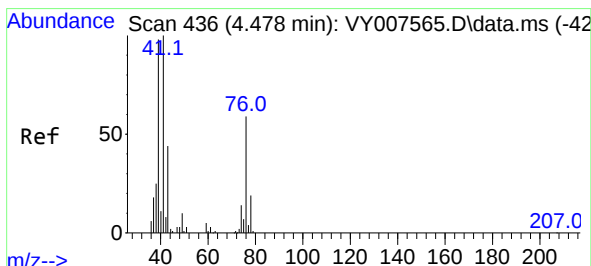
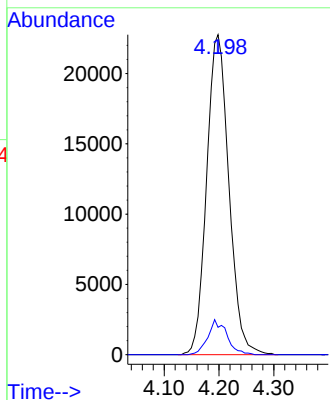
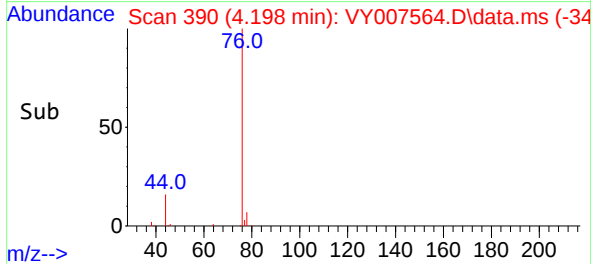
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



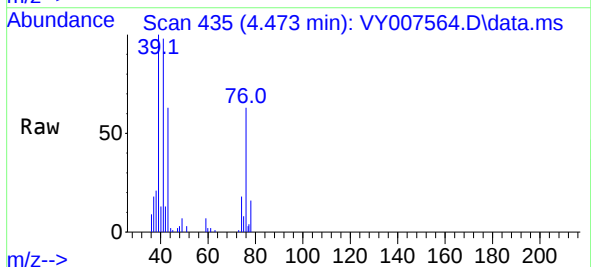
Tgt Ion: 76 Resp: 64080
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

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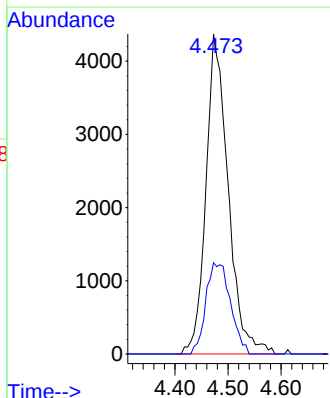
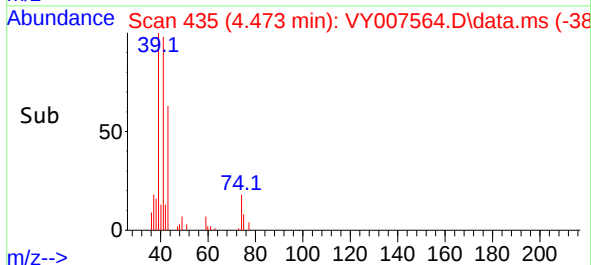
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

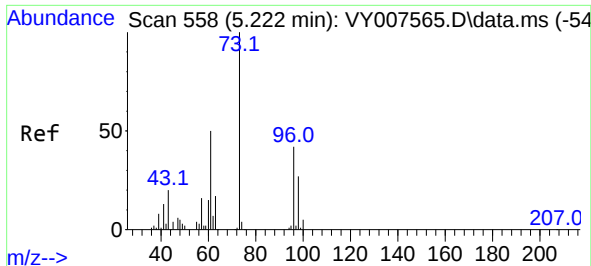


#18
Methyl Acetate
Concen: 20.188 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



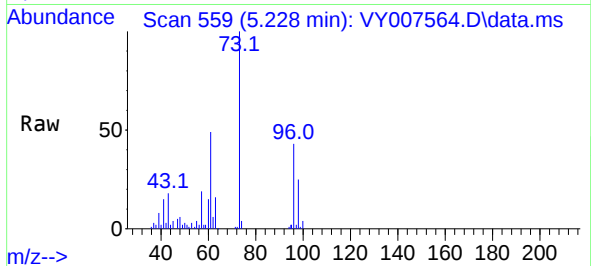
Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
74 31.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 21.825 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

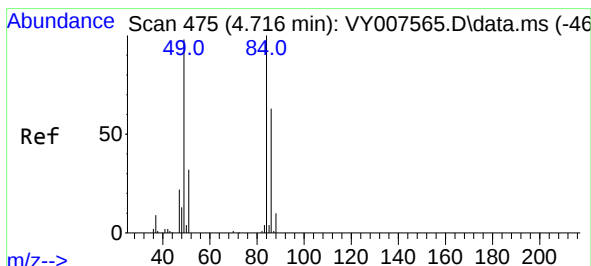
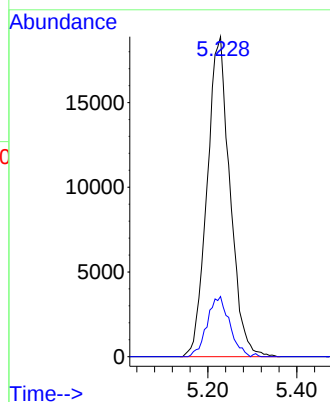
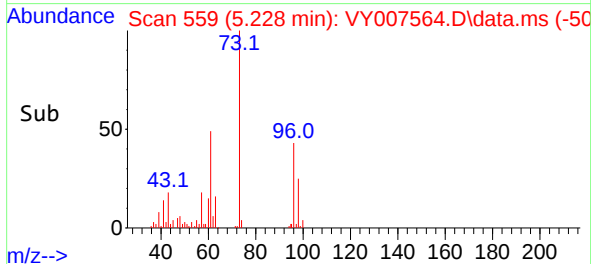
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 6748
Ion Ratio Lower Upper
73 100
57 18.8 18.6 27.8

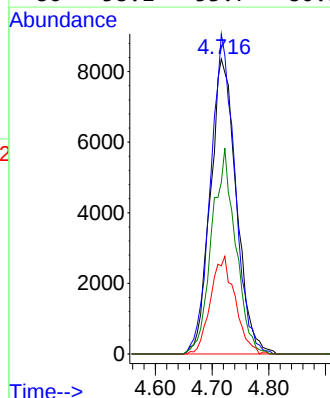
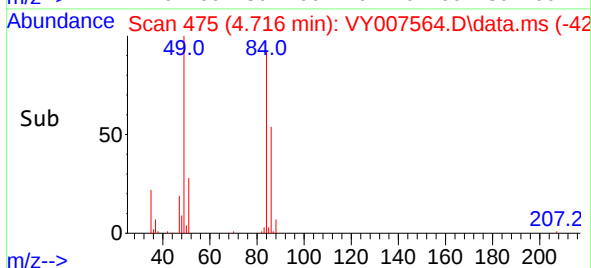
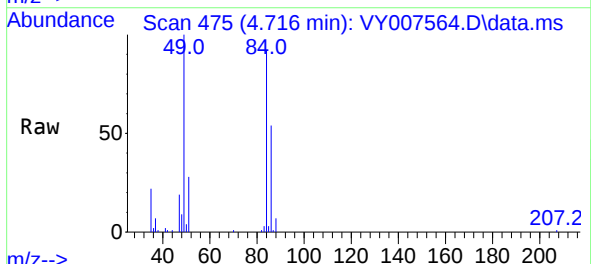
Manual Integrations
APPROVED

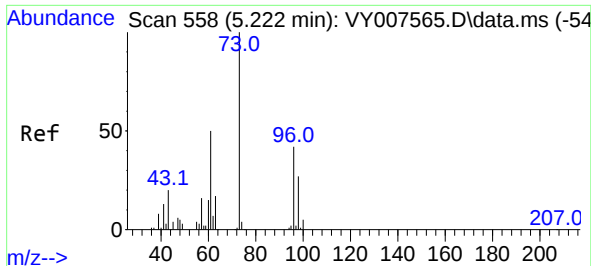
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#20
Methylene Chloride
Concen: 21.588 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

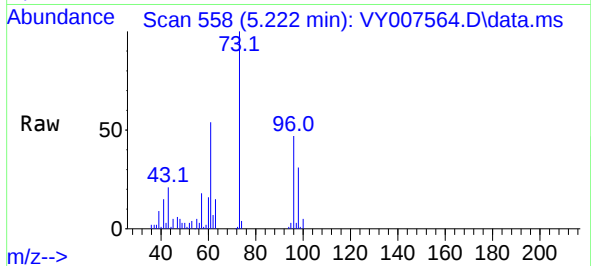
Tgt Ion: 84 Resp: 26592
Ion Ratio Lower Upper
84 100
49 108.4 114.4 171.6#
51 29.9 35.3 52.9#
86 58.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 21.198 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

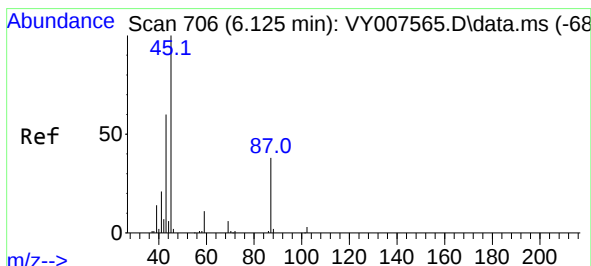
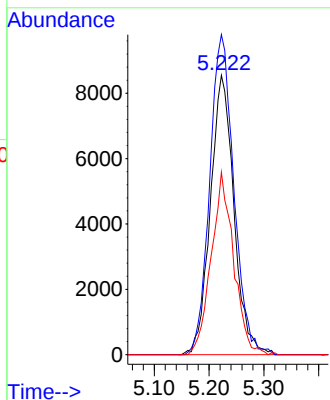
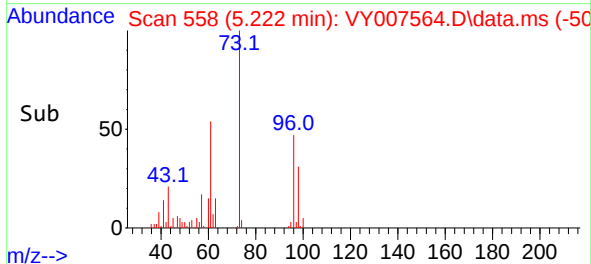
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 2550
Ion Ratio Lower Upper
96 100
61 114.5 120.5 180.7
98 65.3 49.8 74.8

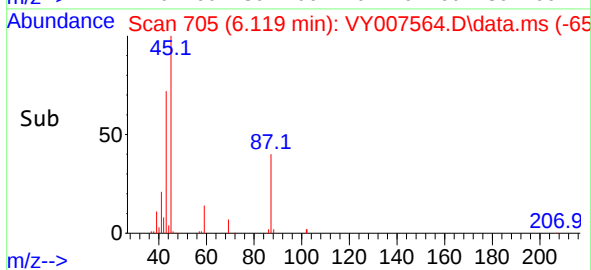
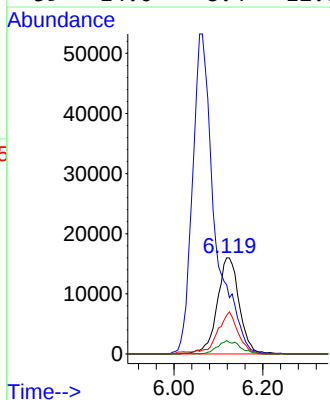
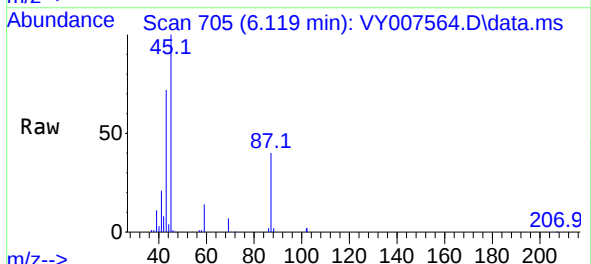
Manual Integrations
APPROVED

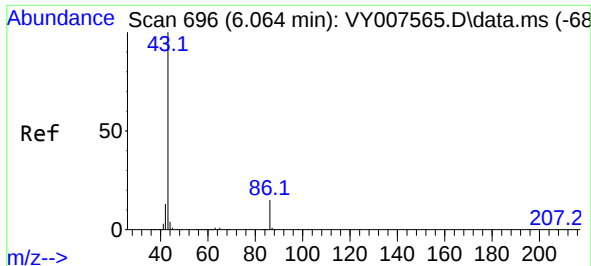
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#22
Diisopropyl ether
Concen: 17.421 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 45 Resp: 54819
Ion Ratio Lower Upper
45 100
43 71.1 49.3 73.9
87 40.0 19.2 28.8#
59 14.0 8.4 12.6#





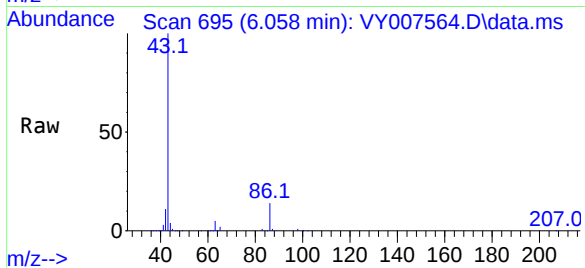
#23
 Vinyl Acetate
 Concen: 92.119 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

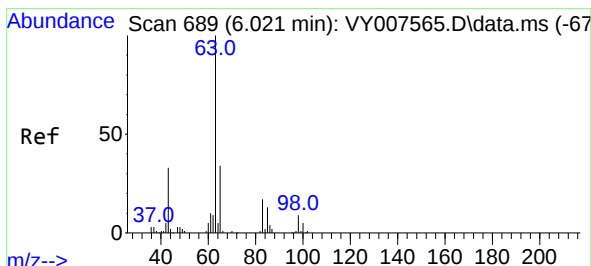
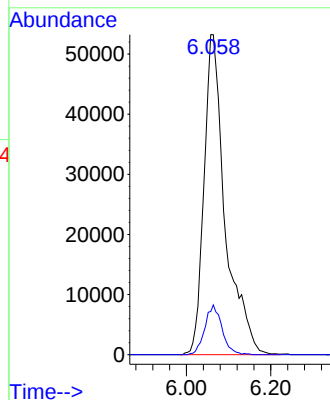
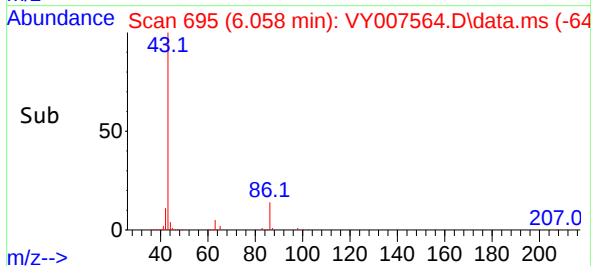


Tgt Ion: 43 Resp: 186597
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7

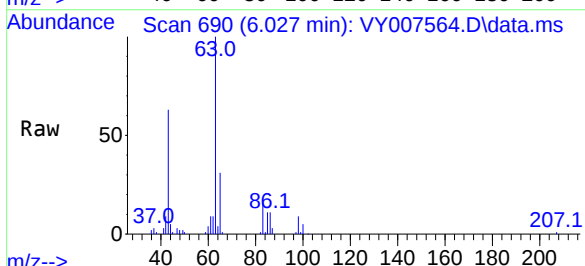
Manual Integrations

APPROVED

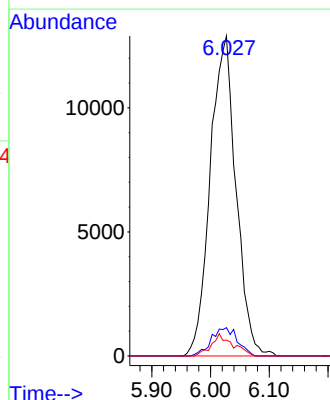
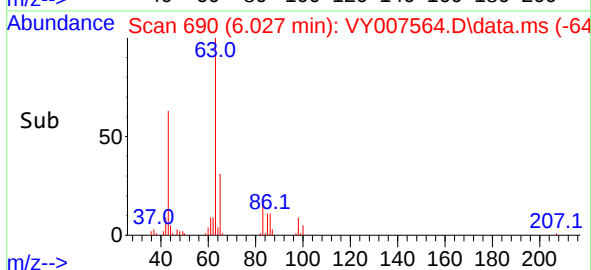
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

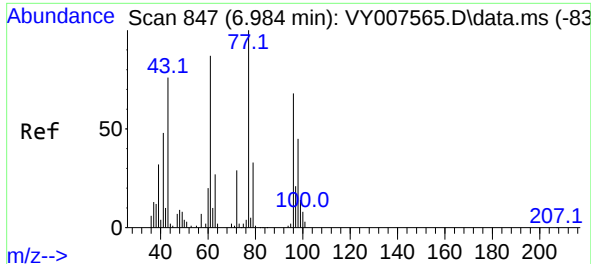


#24
 1,1-Dichloroethane
 Concen: 19.490 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32



Tgt Ion: 63 Resp: 39315
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.8
 100 4.9 2.0 5.8





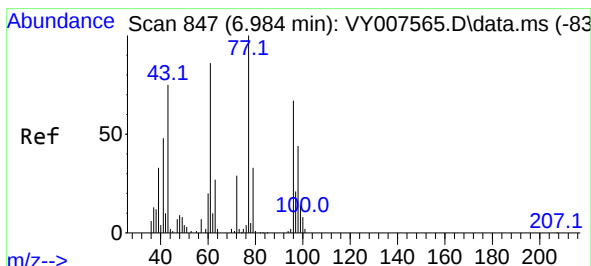
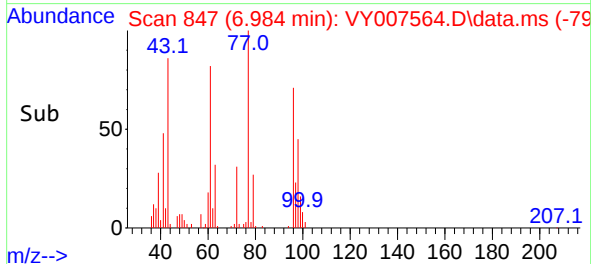
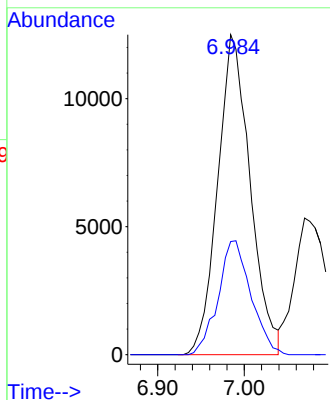
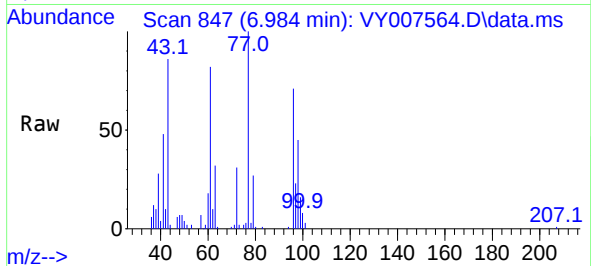
#25
2-Butanone
Concen: 91.079 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 32544
Ion Ratio Lower Upper
43 100
72 35.4 17.7 26.5

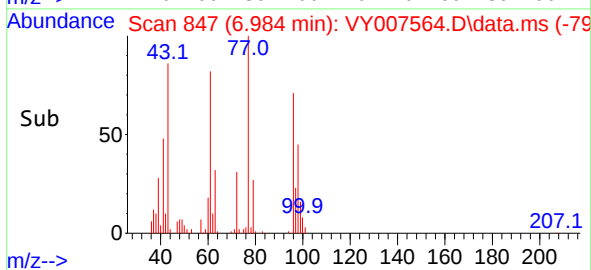
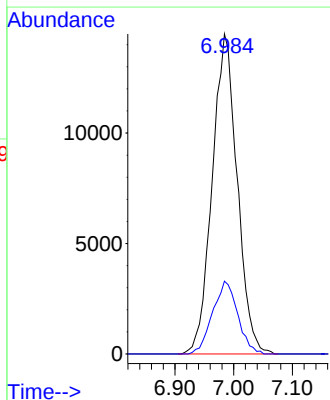
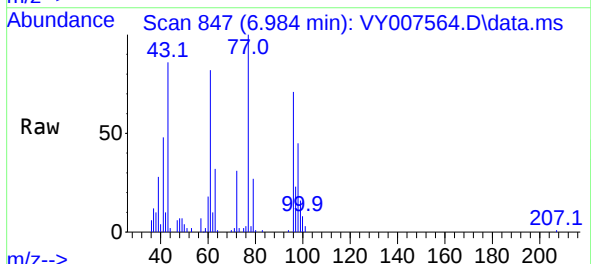
Manual Integrations
APPROVED

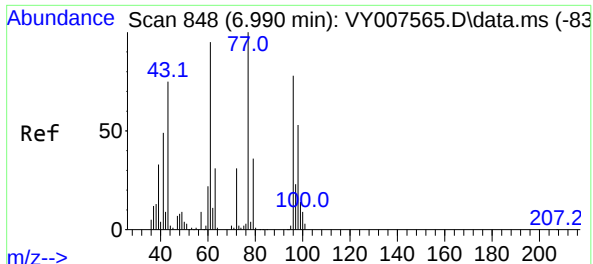
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
2,2-Dichloropropane
Concen: 20.857 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

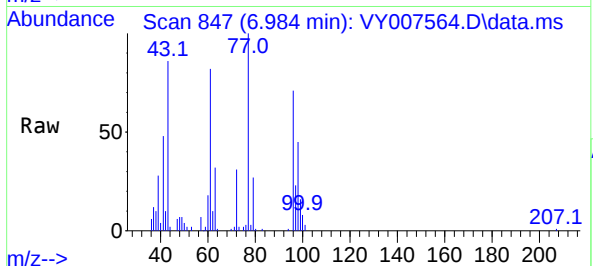
Tgt Ion: 77 Resp: 42815
Ion Ratio Lower Upper
77 100
97 22.9 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 20.741 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

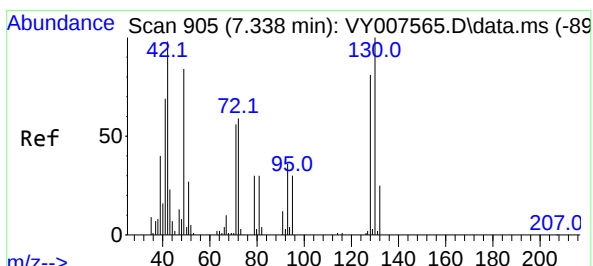
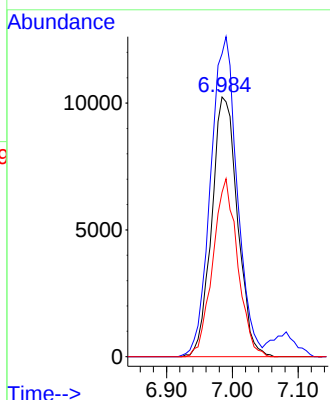
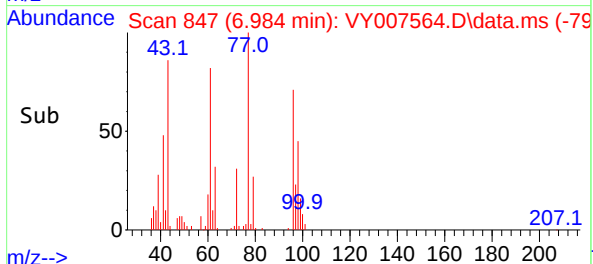
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 27974
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 319.8
 98 66.2 0.0 127.0

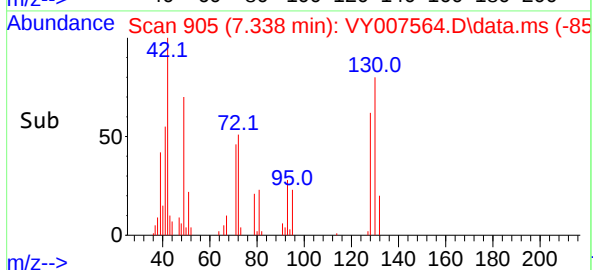
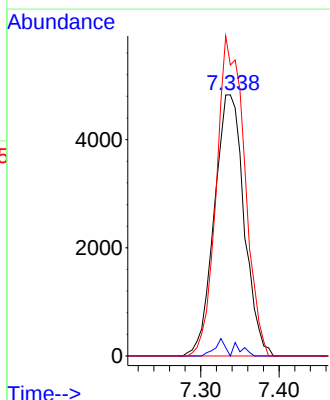
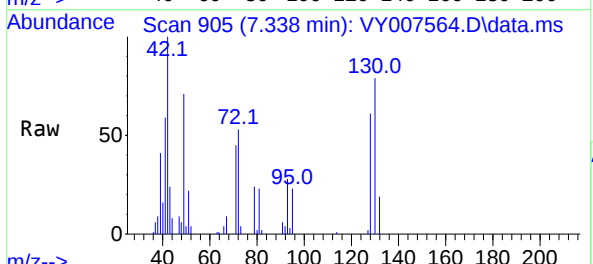
Manual Integrations
 APPROVED

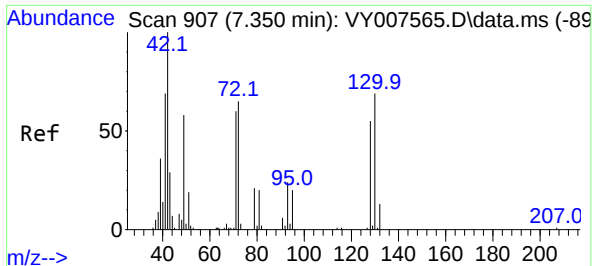
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#28
 Bromochloromethane
 Concen: 16.899 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

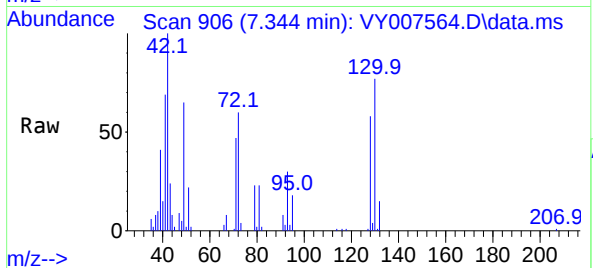
Tgt Ion: 49 Resp: 12741
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 2.2
 130 0.0 55.4 83.0#





#29
Tetrahydrofuran
Concen: 94.474 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

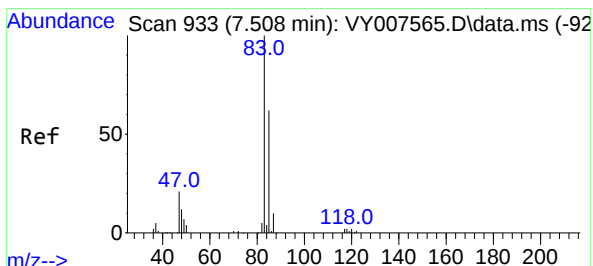
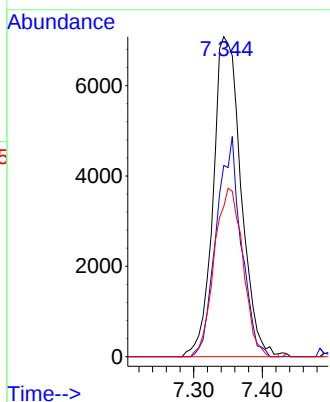
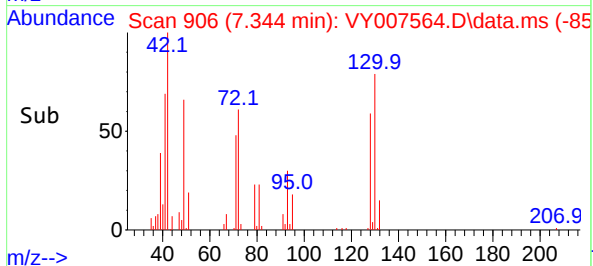
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



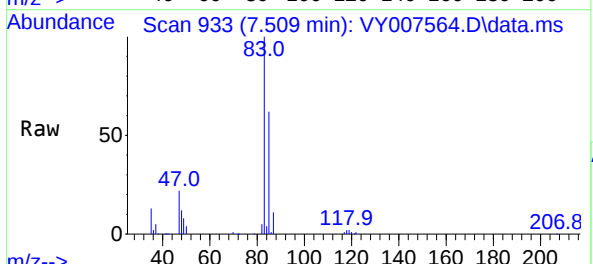
Tgt Ion: 42 Resp: 19994
Ion Ratio Lower Upper
42 100
72 61.3 30.3 45.5
71 53.9 29.0 43.4

Manual Integrations
APPROVED

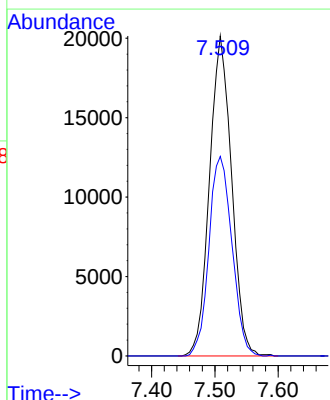
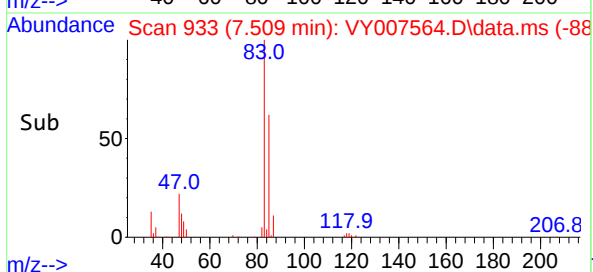
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

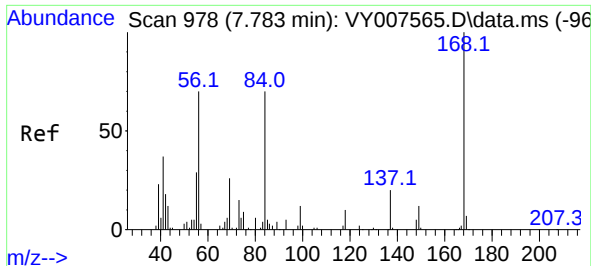


#30
Chloroform
Concen: 21.931 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



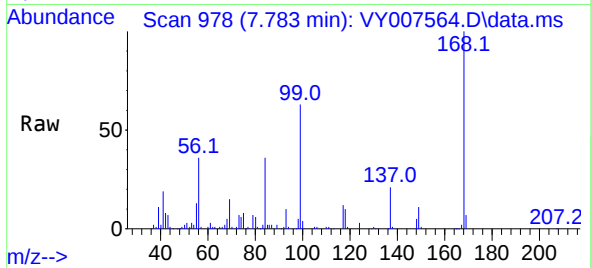
Tgt Ion: 83 Resp: 48786
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.6





#31
Cyclohexane
Concen: 17.848 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

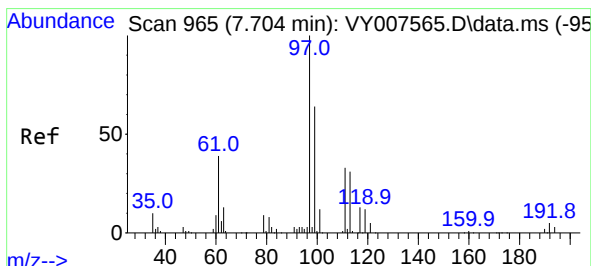
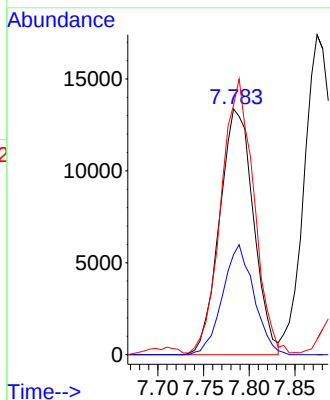
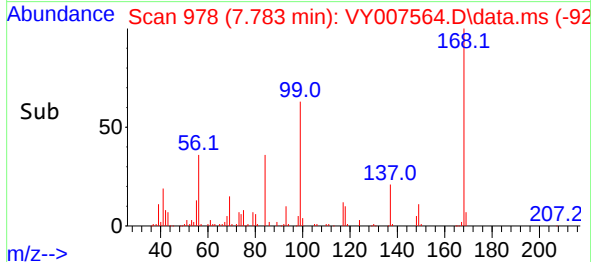
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



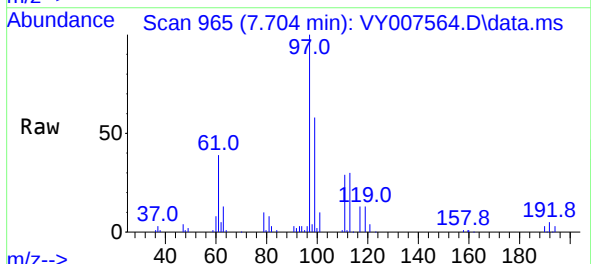
Tgt Ion: 56 Resp: 34519
Ion Ratio Lower Upper
56 100
69 40.7 26.7 40.1
84 99.3 67.2 100.8

Manual Integrations
APPROVED

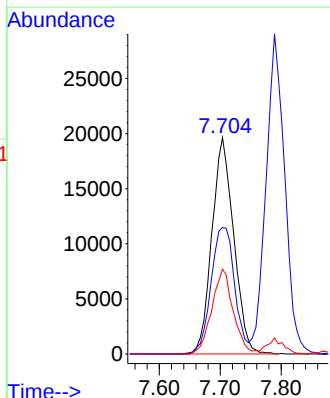
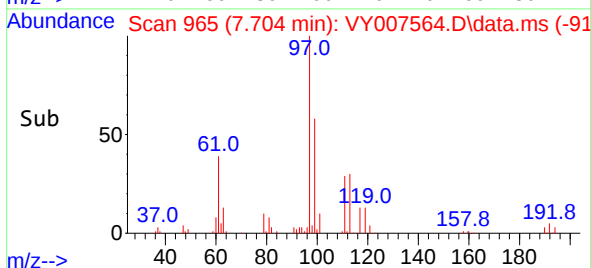
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

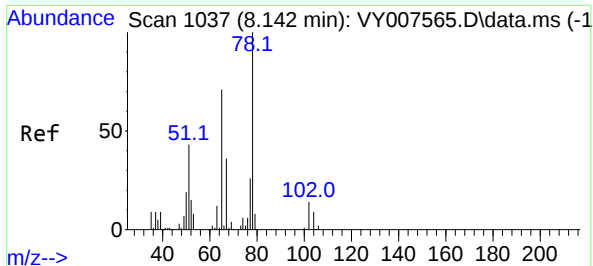


#32
1,1,1-Trichloroethane
Concen: 22.981 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion: 97 Resp: 48816
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 38.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 21.202 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 2405

Ion Ratio Lower Upper

65 100

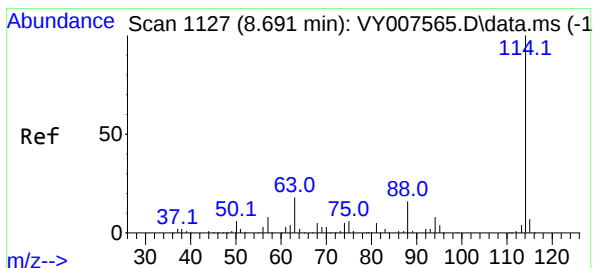
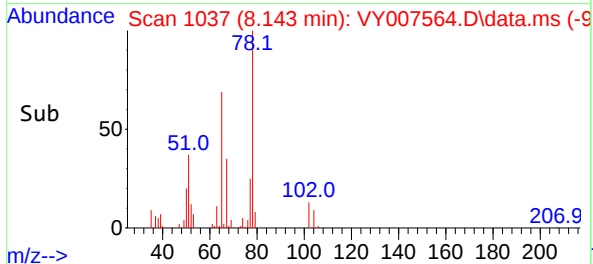
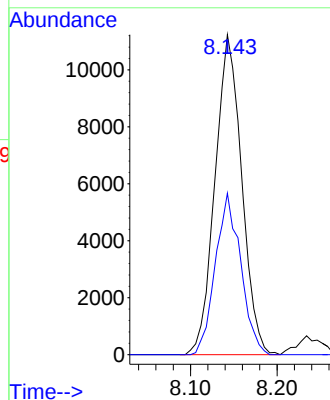
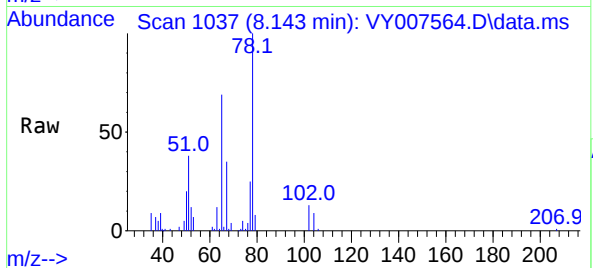
67 47.8 0.0 99.4

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: VY007564.D

Acq: 21 Feb 2022 12:32

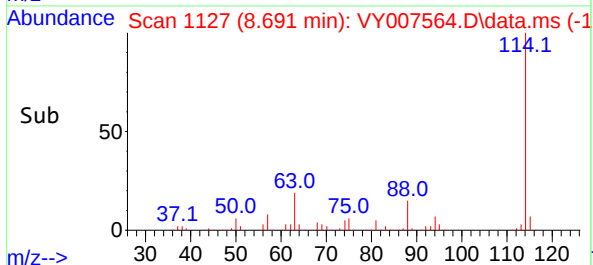
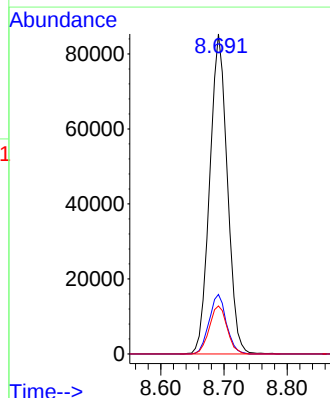
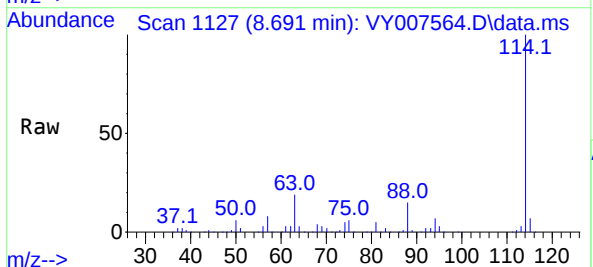
Tgt Ion:114 Resp: 165051

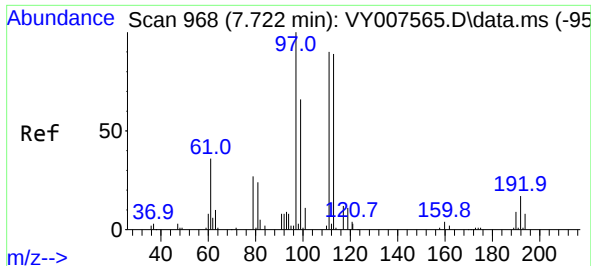
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

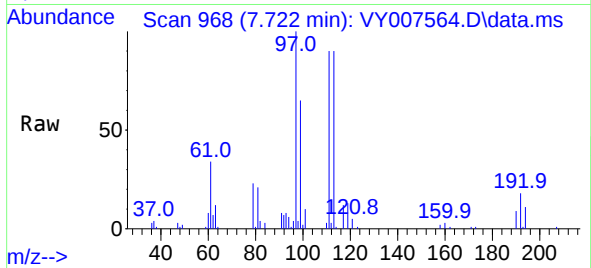
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 23.300 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

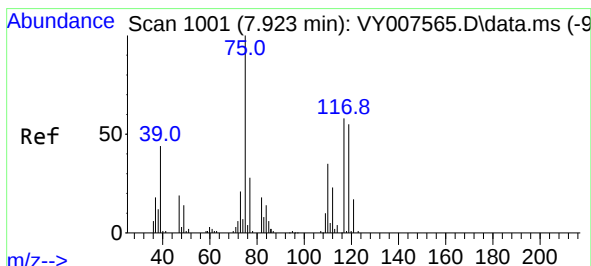
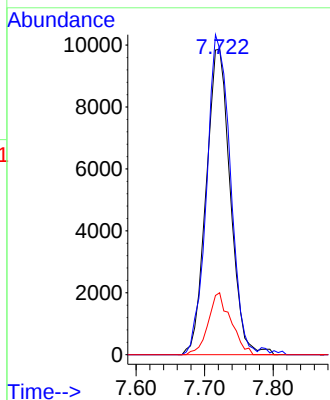
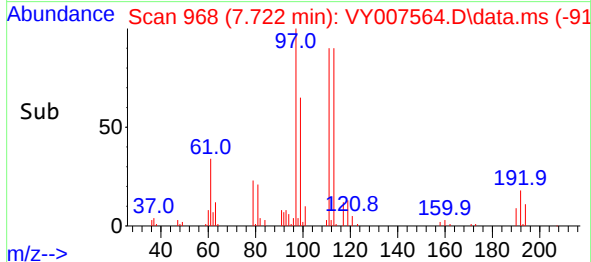
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



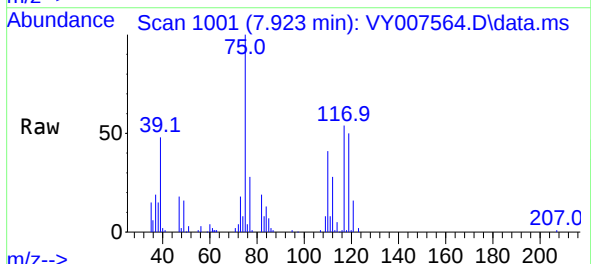
Tgt Ion: 113 Resp: 24160
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.0 17.6 26.4

Manual Integrations
APPROVED

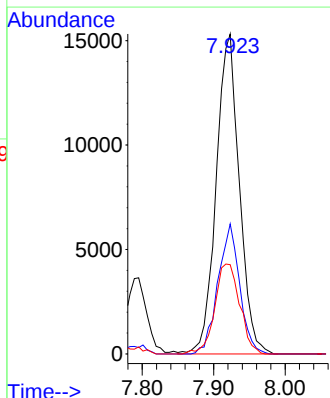
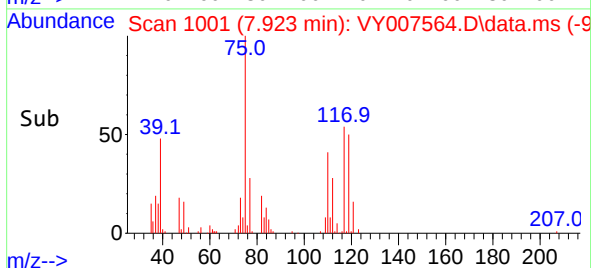
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

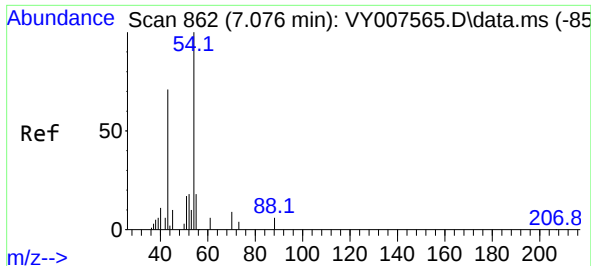


#36
1,1-Dichloropropene
Concen: 21.074 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



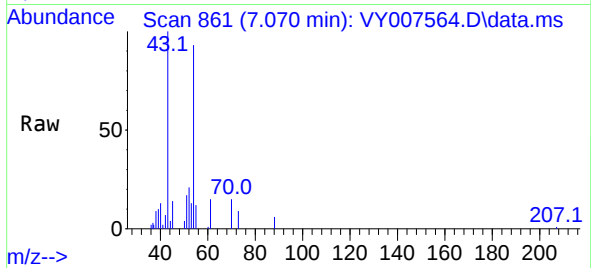
Tgt Ion: 75 Resp: 34425
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 19.947 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

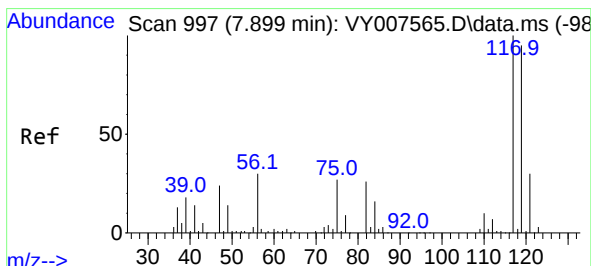
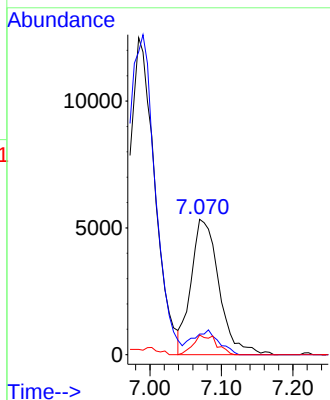
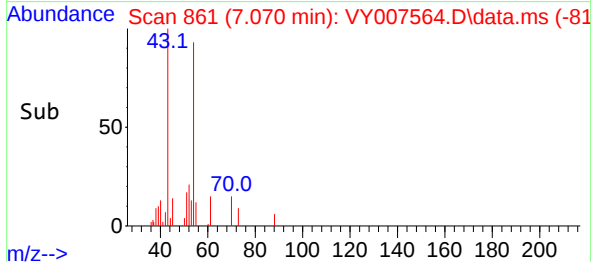
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1451
Ion Ratio Lower Upper
43 100
61 17.1 9.7 14.5
70 12.0 7.1 10.7

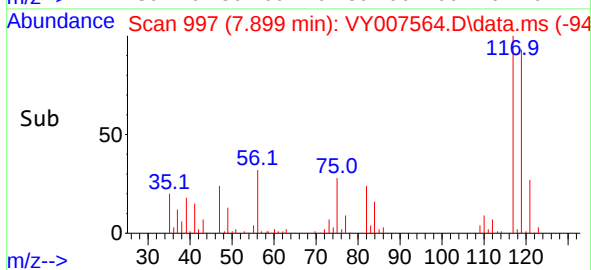
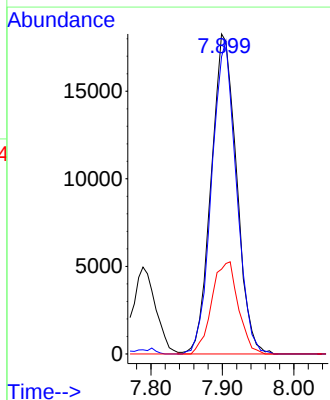
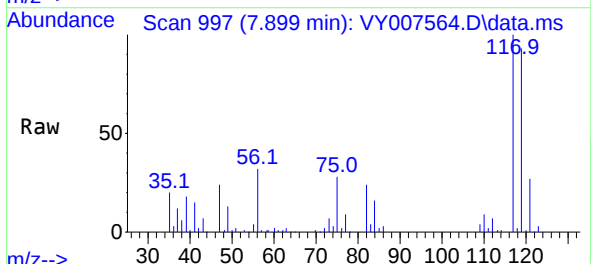
Manual Integrations
APPROVED

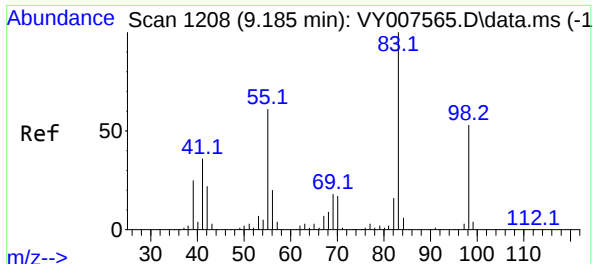
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#38
Carbon Tetrachloride
Concen: 23.590 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:117 Resp: 44950
Ion Ratio Lower Upper
117 100
119 92.9 77.9 116.9
121 26.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.456 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 43124

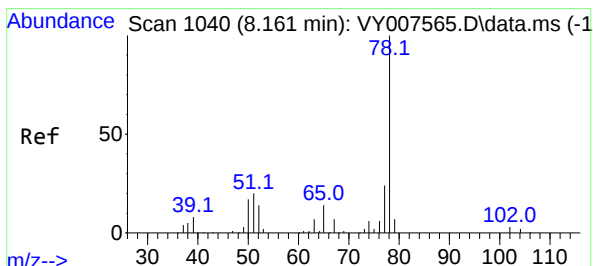
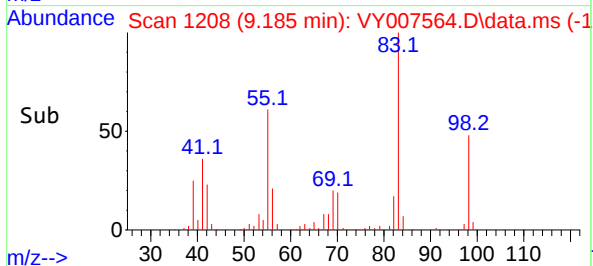
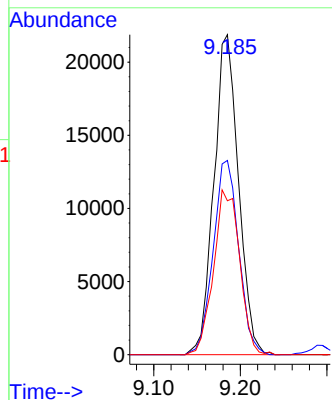
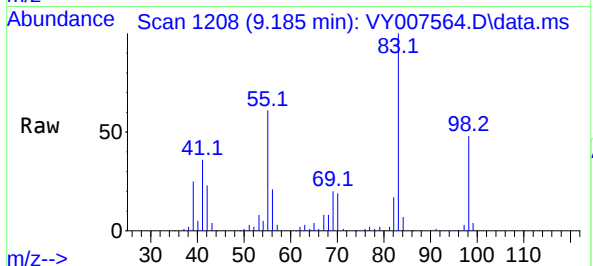
Ion	Ratio	Lower	Upper
83	100		
55	60.7	66.5	99.7
98	48.1	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Benzene

Concen: 20.202 ug/l

RT: 8.161 min Scan# 1040

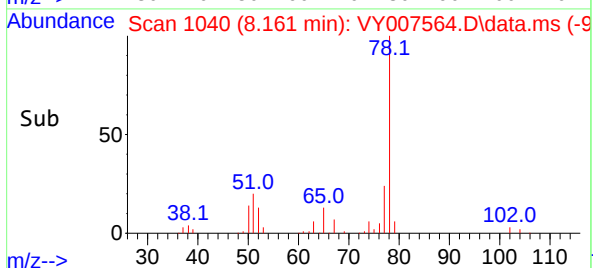
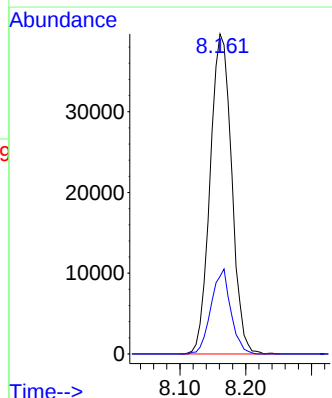
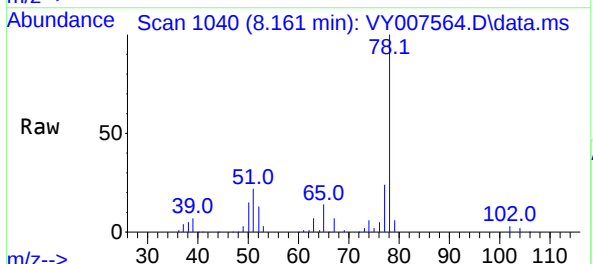
Delta R.T. 0.000 min

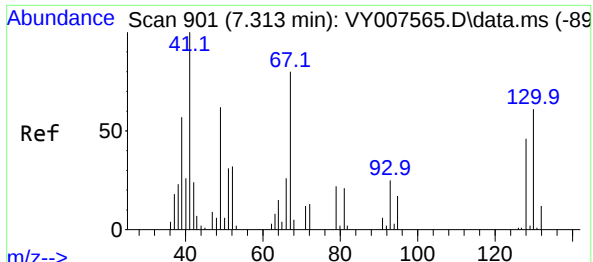
Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion: 78 Resp: 90246

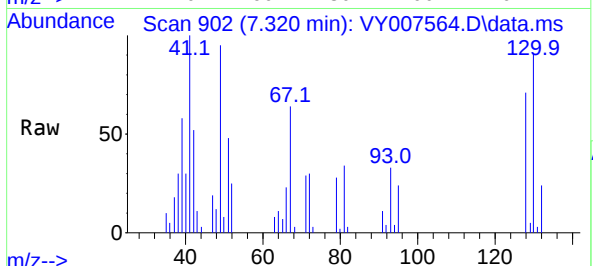
Ion	Ratio	Lower	Upper
78	100		
77	24.3	20.4	30.6





#41
Methacrylonitrile
Concen: 17.275 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

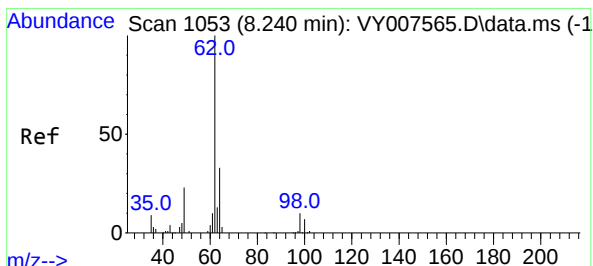
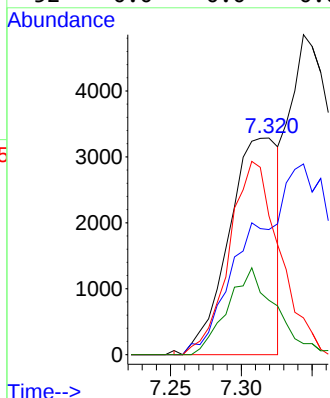
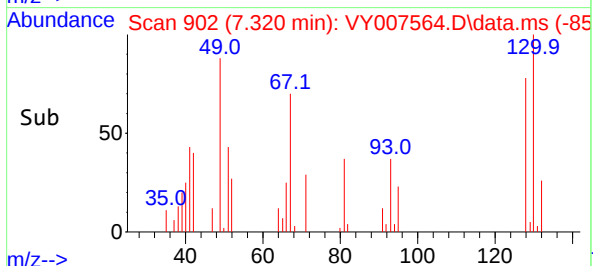
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 800
Ion Ratio Lower Upper
41 100
39 148.7 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

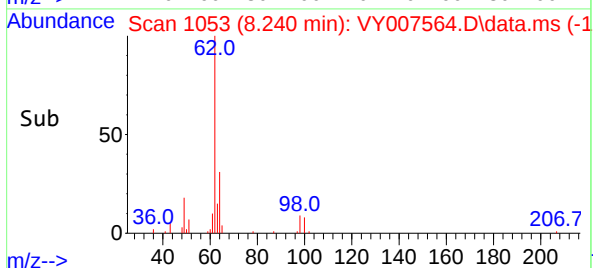
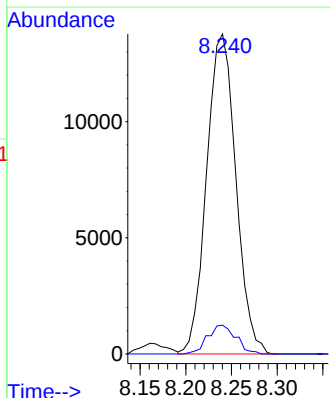
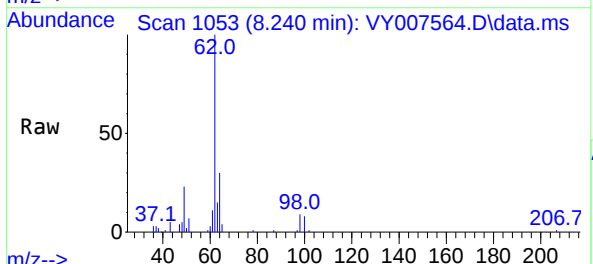
Manual Integrations
APPROVED

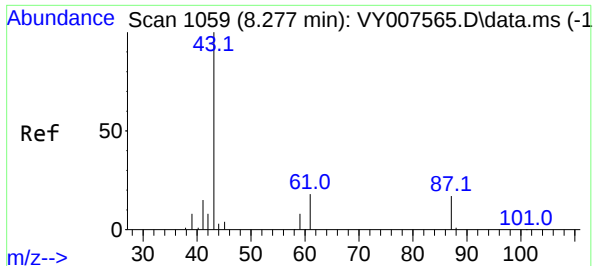
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#42
1,2-Dichloroethane
Concen: 22.062 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 62 Resp: 30711
Ion Ratio Lower Upper
62 100
98 8.7 0.0 14.8





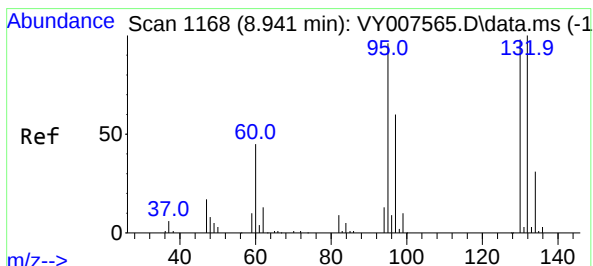
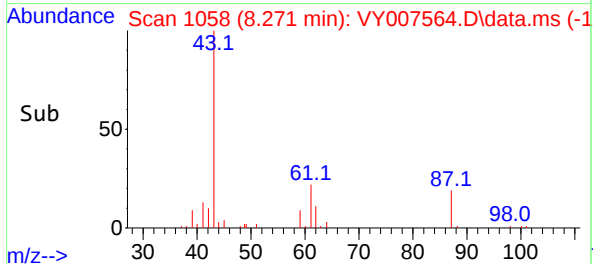
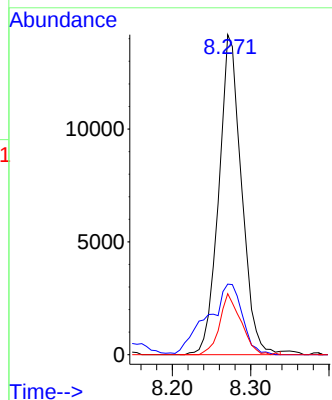
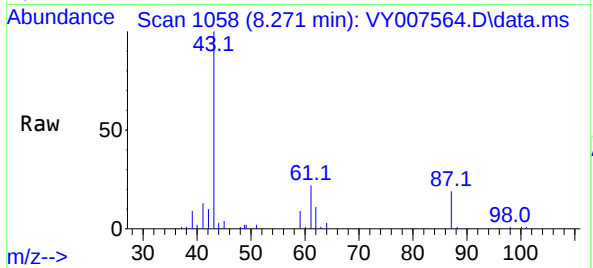
#43
Isopropyl Acetate
Concen: 19.253 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
61 34.1 20.2 30.2
87 17.9 8.9 13.3

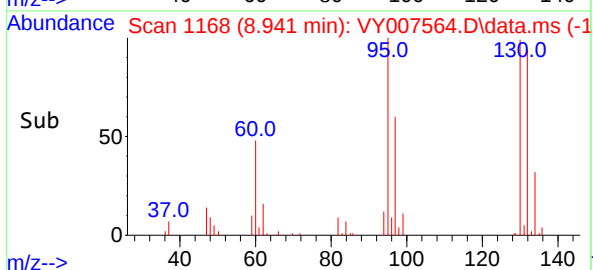
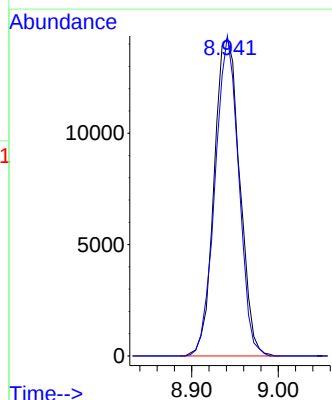
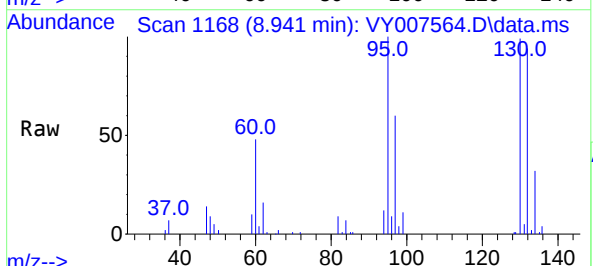
Manual Integrations
APPROVED

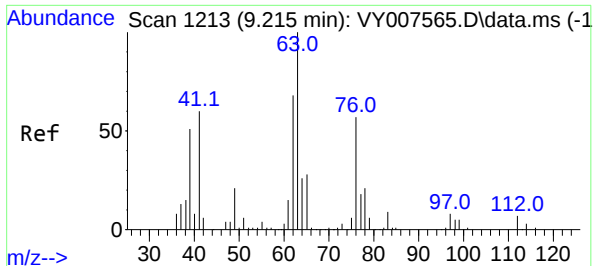
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#44
Trichloroethene
Concen: 22.575 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

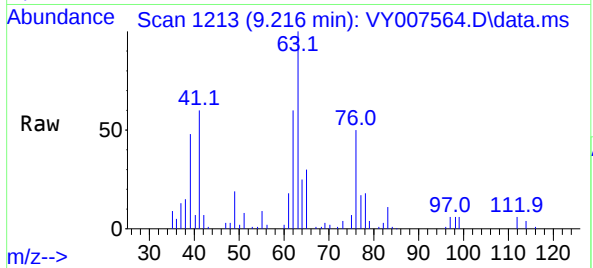
Tgt Ion:130 Resp: 29245
Ion Ratio Lower Upper
130 100
95 100.7 0.0 188.2





#45
1,2-Dichloropropane
Concen: 19.576 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

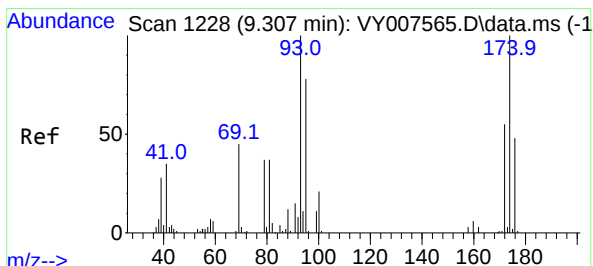
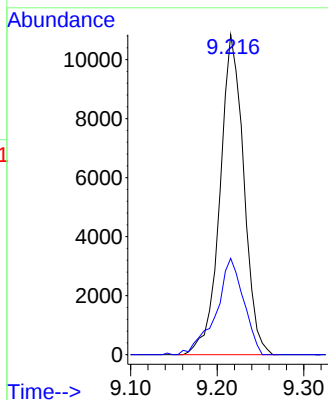
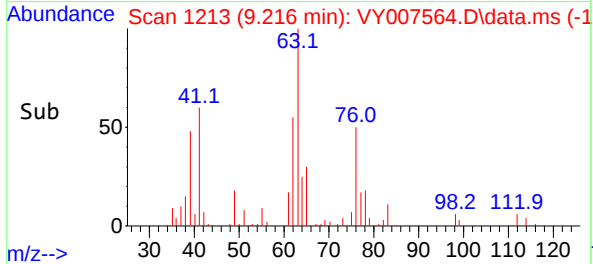
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



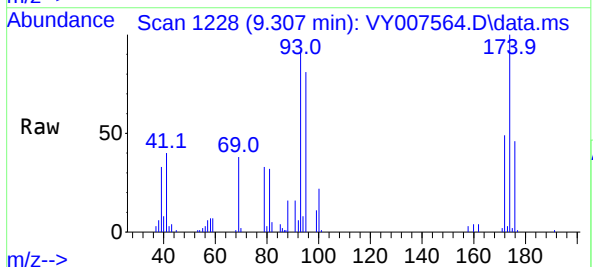
Tgt Ion: 63 Resp: 20692
Ion Ratio Lower Upper
63 100
65 30.1 23.0 34.6

Manual Integrations
APPROVED

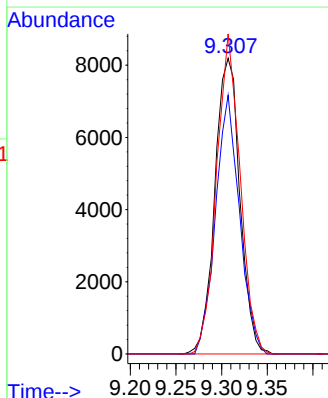
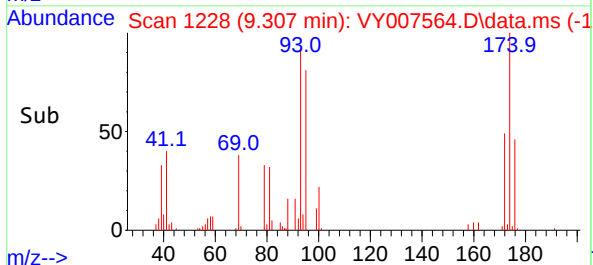
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

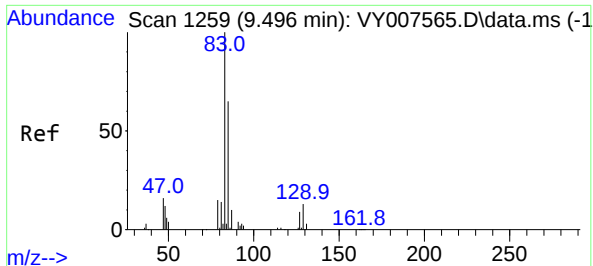


#46
Dibromomethane
Concen: 22.958 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



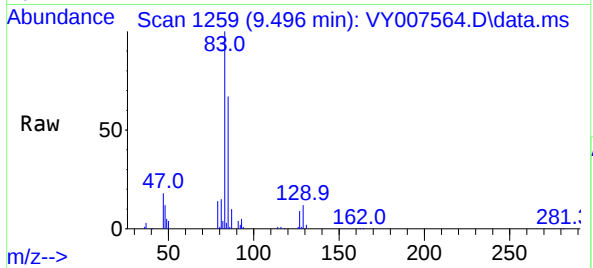
Tgt Ion: 93 Resp: 15592
Ion Ratio Lower Upper
93 100
95 83.8 64.3 96.5
174 102.0 83.4 125.0





#47
Bromodichloromethane
Concen: 22.121 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

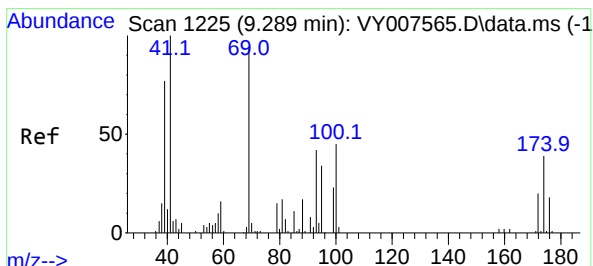
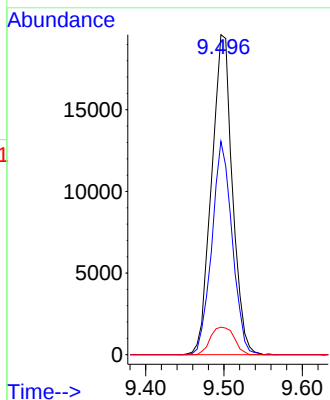
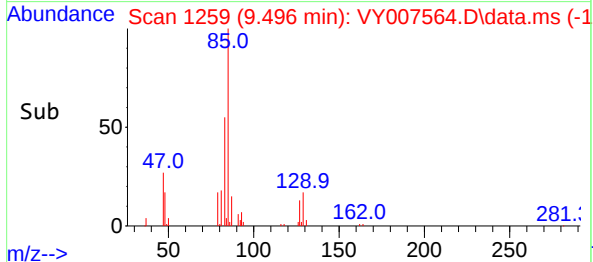
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



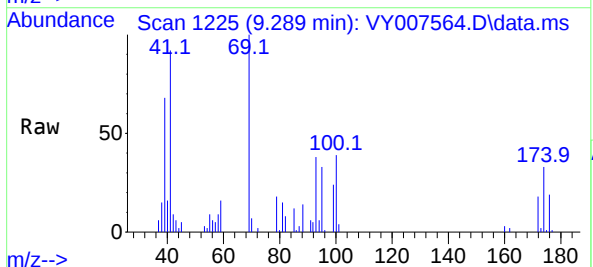
Tgt Ion: 83 Resp: 36258
Ion Ratio Lower Upper
83 100
85 66.6 51.9 77.9
127 8.6 6.6 10.0

Manual Integrations
APPROVED

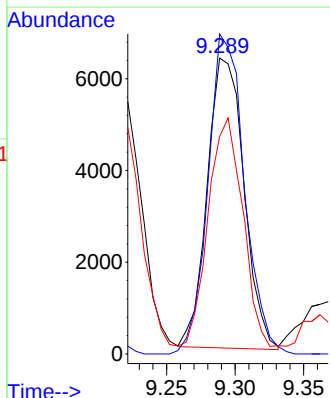
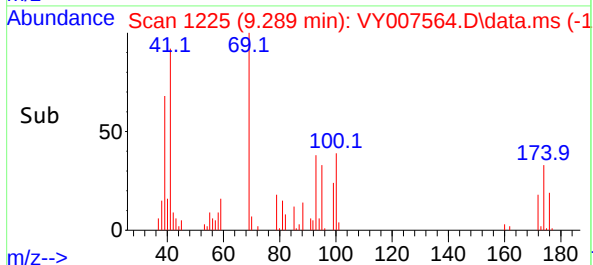
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

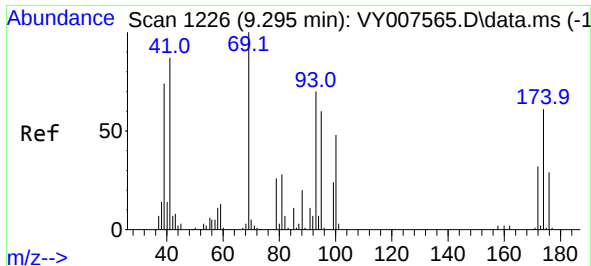


#48
Methyl methacrylate
Concen: 17.997 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion: 41 Resp: 11776
Ion Ratio Lower Upper
41 100
69 109.1 58.2 87.2#
39 75.3 47.4 71.0#





#49

1,4-Dioxane

Concen: 508.704 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 369

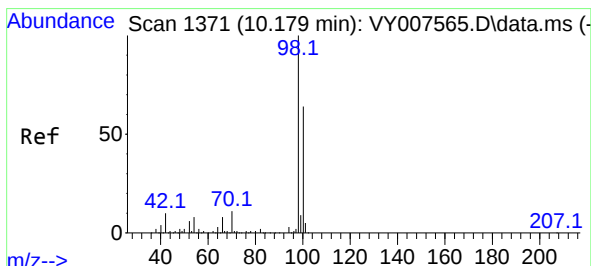
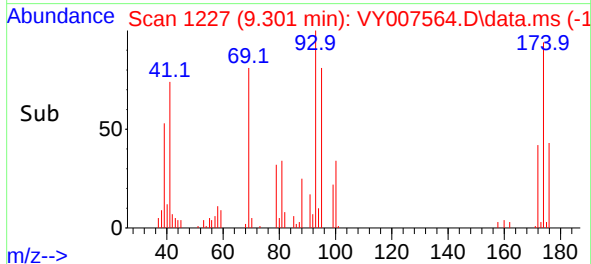
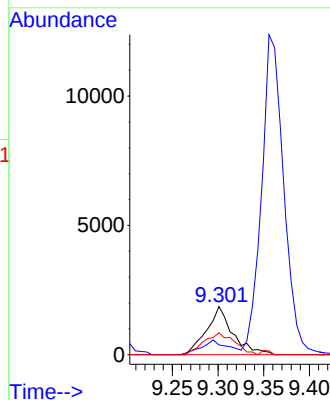
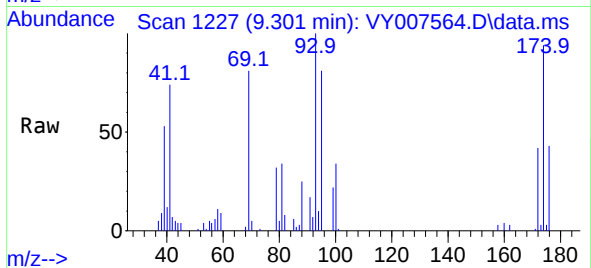
Ion	Ratio	Lower	Upper
88	100		
43	31.1	32.8	49.2
58	52.7	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#50

Toluene-d8

Concen: 21.684 ug/l

RT: 10.179 min Scan# 1371

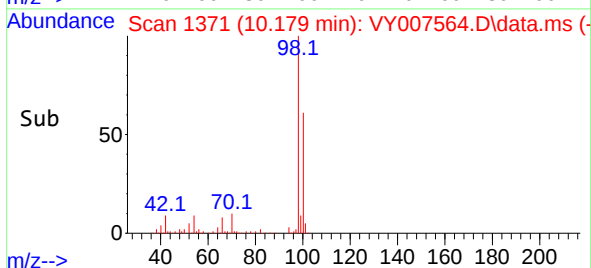
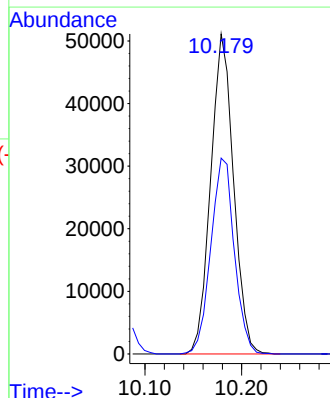
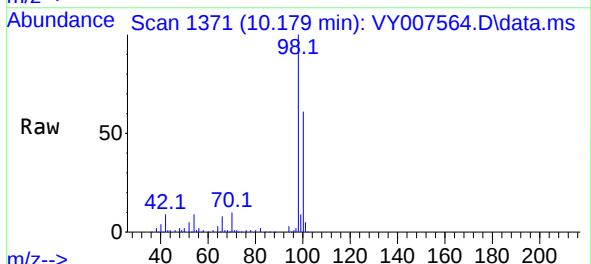
Delta R.T. 0.000 min

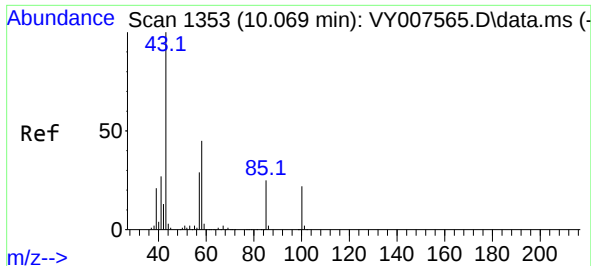
Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion: 98 Resp: 83869

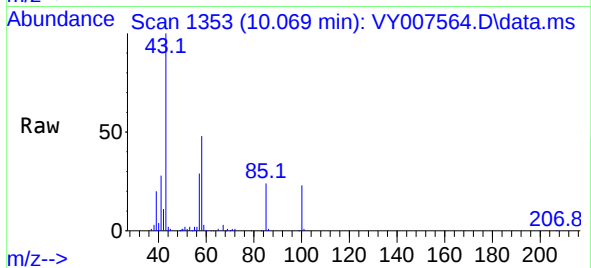
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 97.033 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

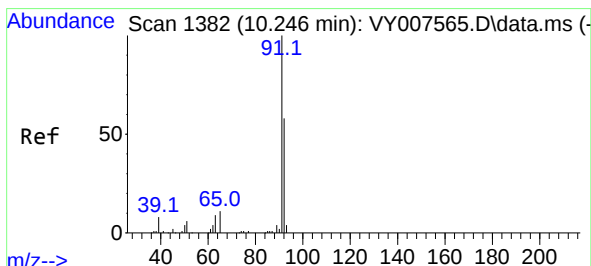
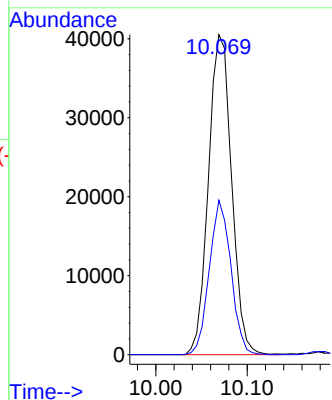
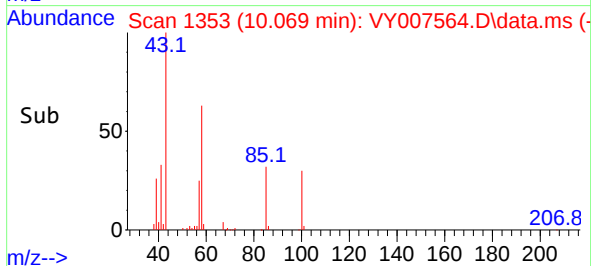
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



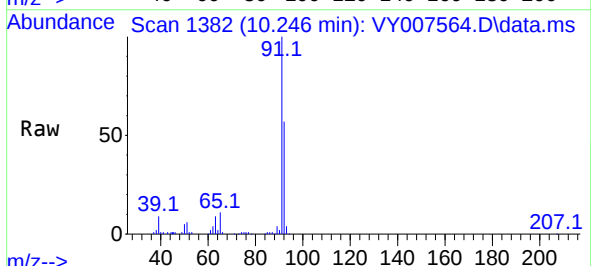
Tgt Ion: 43 Resp: 7127
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1

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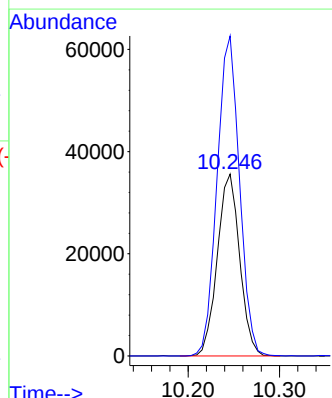
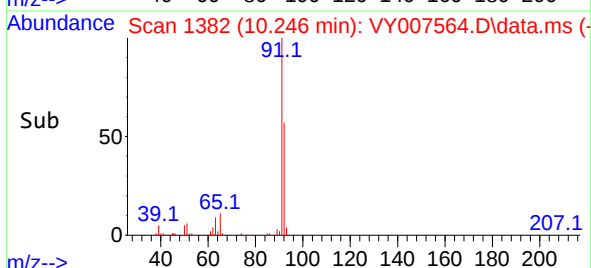
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

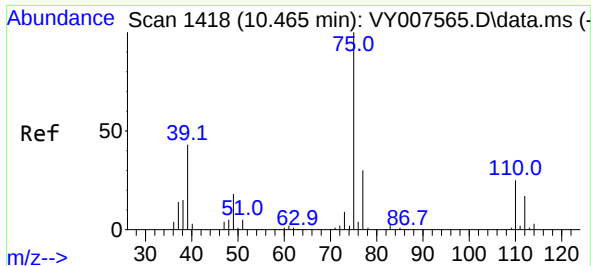


#52
Toluene
Concen: 20.962 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion: 92 Resp: 60508
Ion Ratio Lower Upper
92 100
91 176.6 142.6 213.8





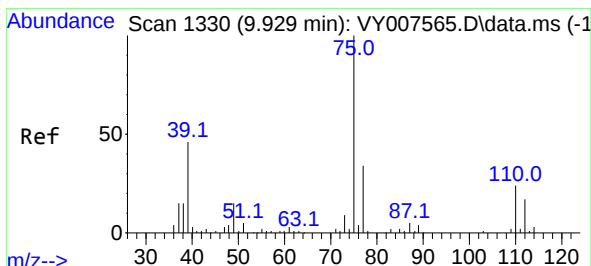
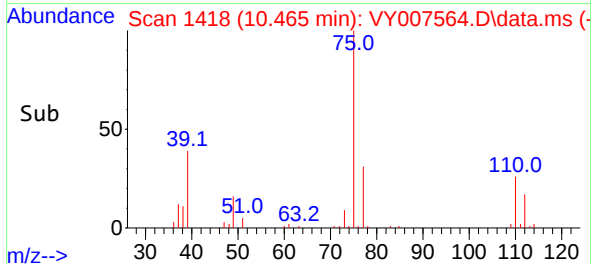
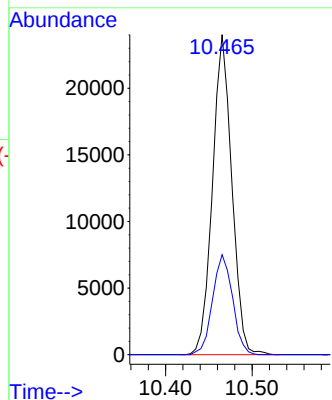
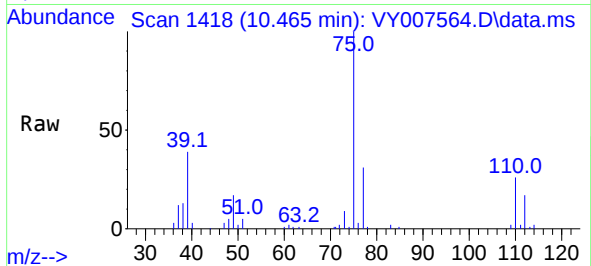
#53
 t-1,3-Dichloropropene
 Concen: 22.061 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 3725
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2

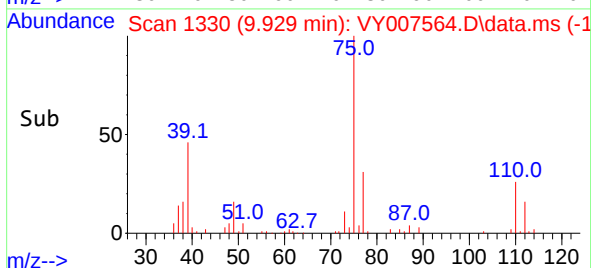
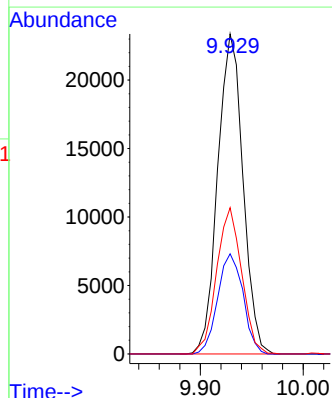
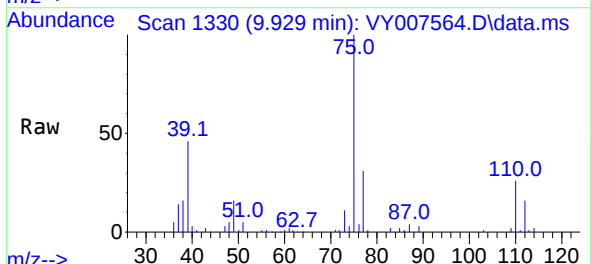
Manual Integrations
 APPROVED

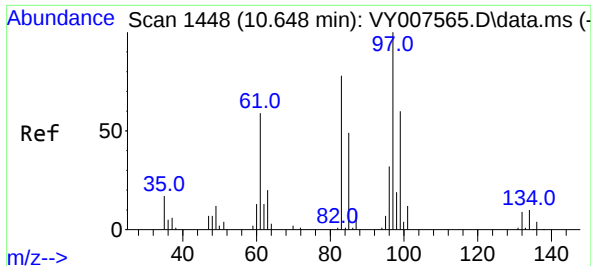
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 21.162 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

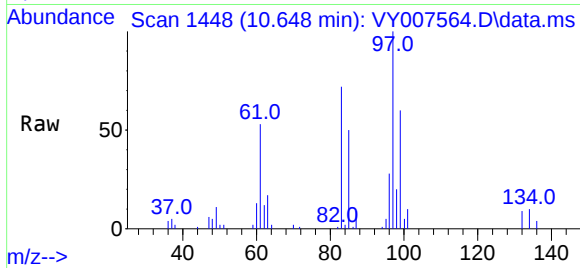
Tgt Ion: 75 Resp: 39842
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 45.7 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 23.639 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

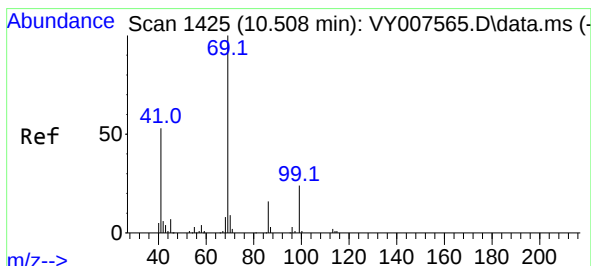
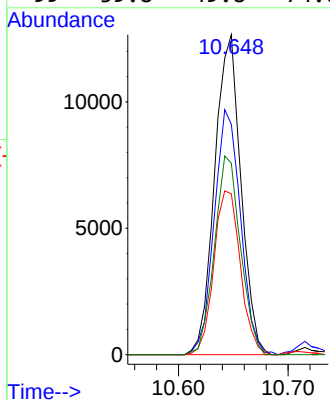
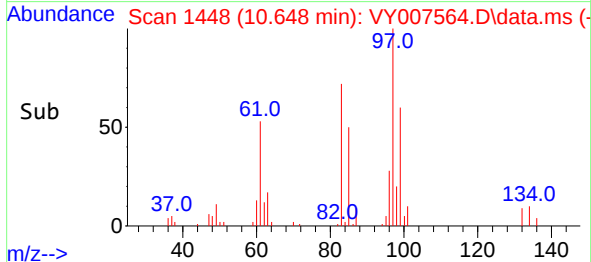


Tgt Ion: 97 Resp: 21068

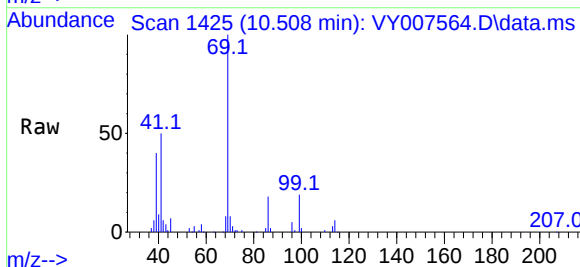
Ion	Ratio	Lower	Upper
97	100		
83	72.0	69.8	104.8
85	50.2	44.3	66.5
99	59.8	49.8	74.6

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

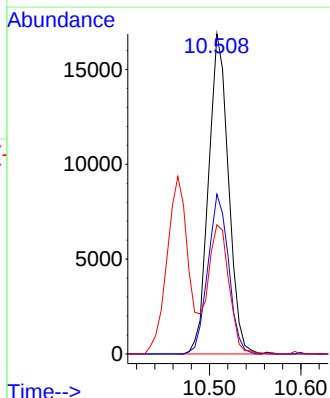
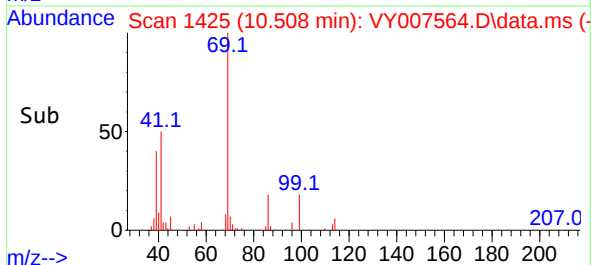


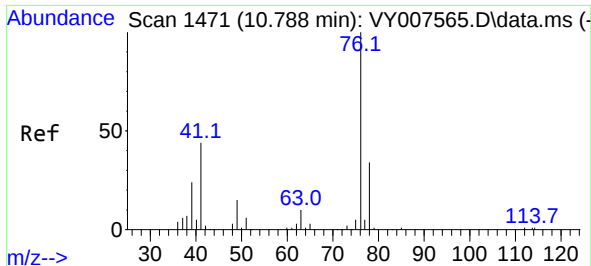
#56
Ethyl methacrylate
Concen: 21.665 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion: 69 Resp: 25630

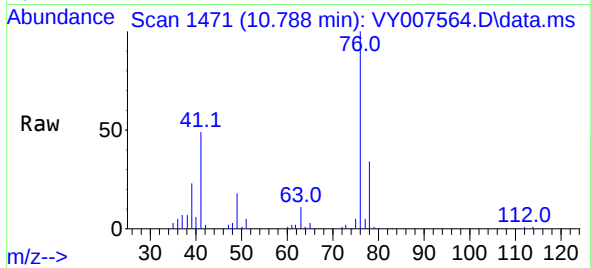
Ion	Ratio	Lower	Upper
69	100		
41	51.7	63.4	95.0#
39	41.1	35.8	53.8





#57
1,3-Dichloropropane
Concen: 21.718 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

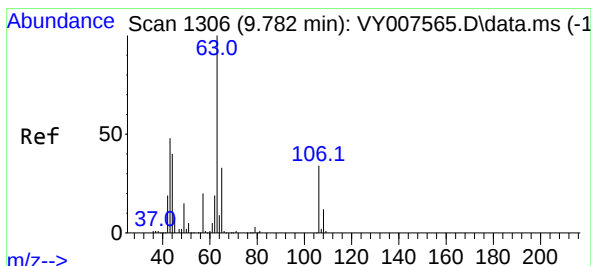
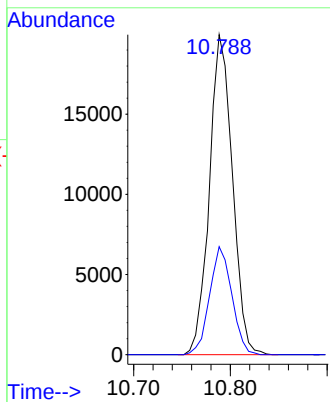
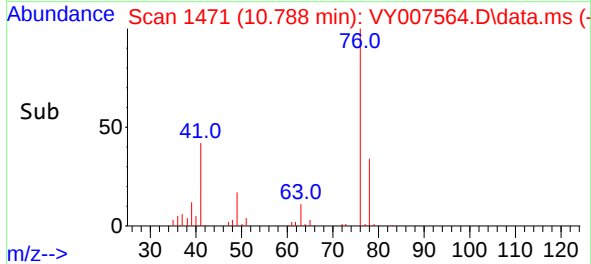
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 33044
Ion Ratio Lower Upper
76 100
78 32.6 25.0 37.6

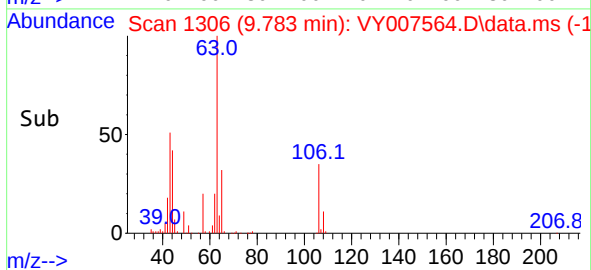
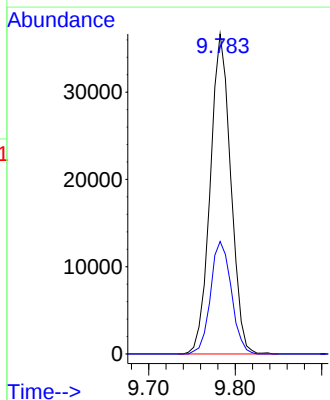
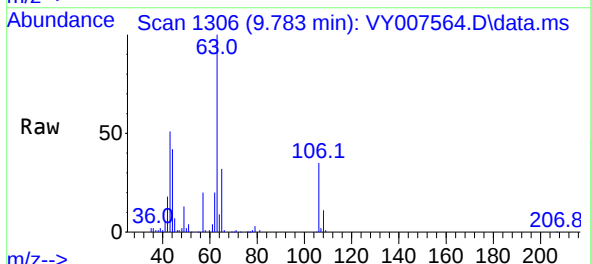
Manual Integrations
APPROVED

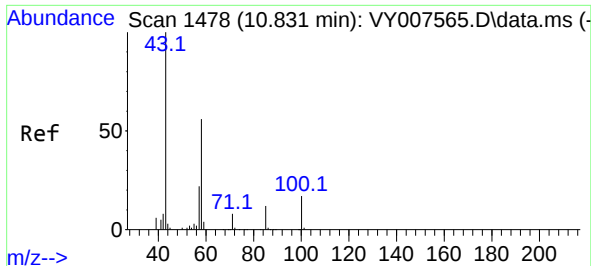
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#58
2-Chloroethyl Vinyl ether
Concen: 98.182 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 63 Resp: 60333
Ion Ratio Lower Upper
63 100
106 35.5 21.5 32.3#





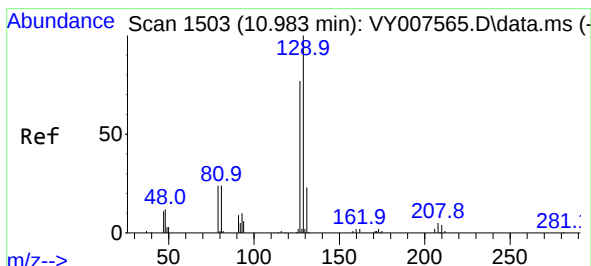
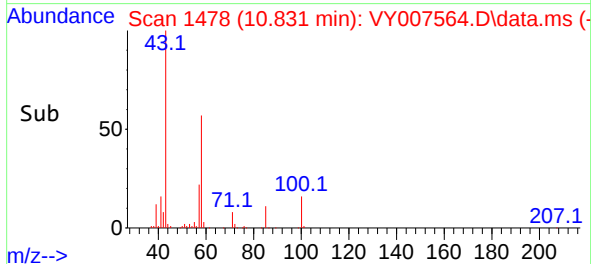
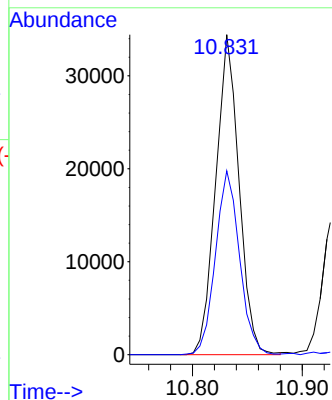
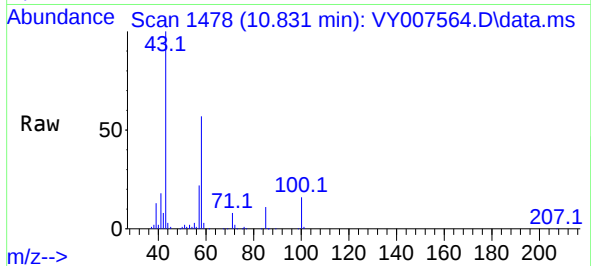
#59
2-Hexanone
Concen: 96.713 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5076
Ion Ratio Lower Upper
43 100
58 59.4 24.4 73.4

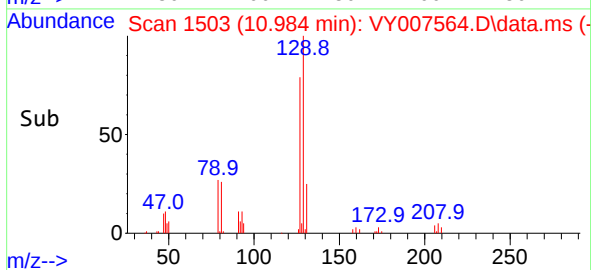
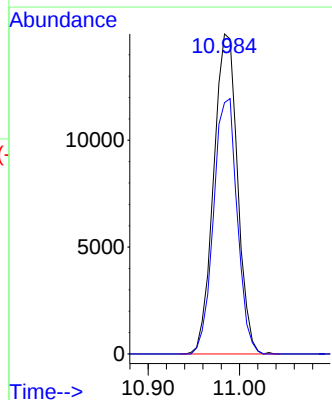
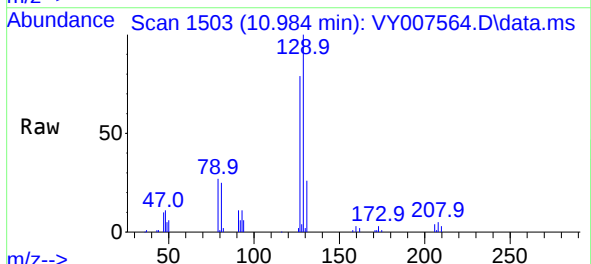
Manual Integrations
APPROVED

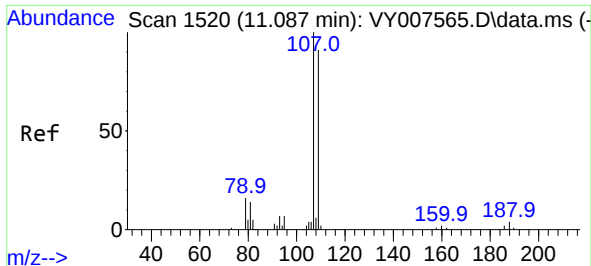
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#60
Dibromochloromethane
Concen: 23.729 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

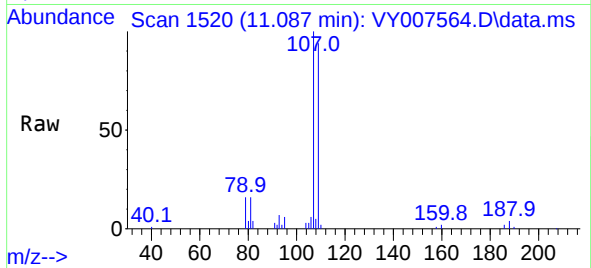
Tgt Ion:129 Resp: 27172
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 22.804 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

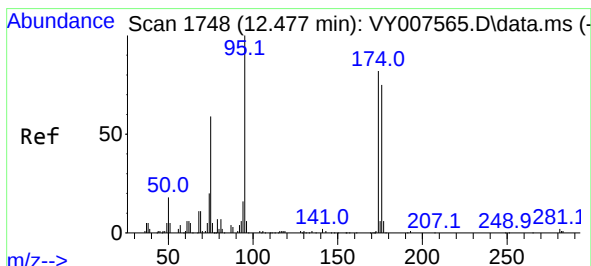
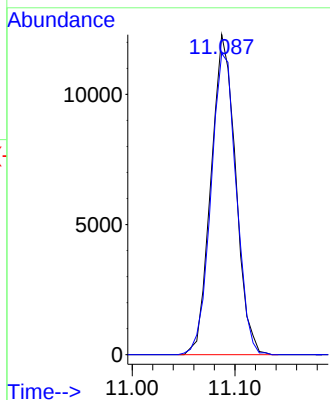
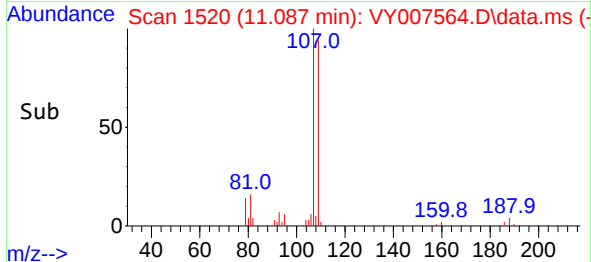
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



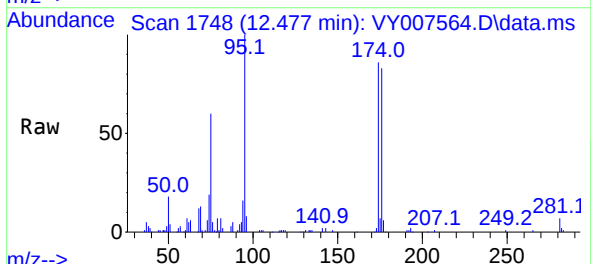
Tgt Ion:107 Resp: 2045
Ion Ratio Lower Upper
107 100
109 96.6 75.4 113.2

Manual Integrations
APPROVED

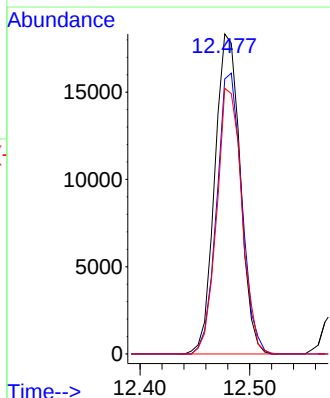
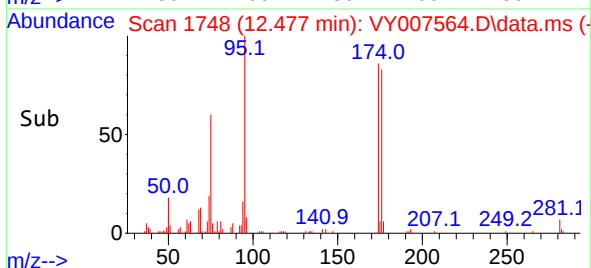
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

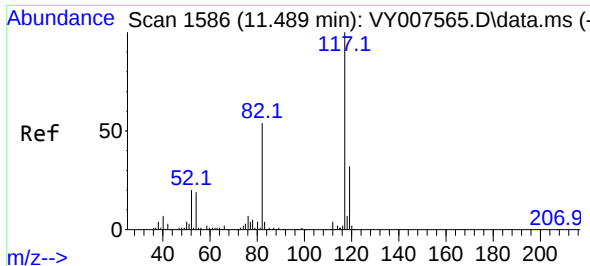


#62
4-Bromofluorobenzene
Concen: 22.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



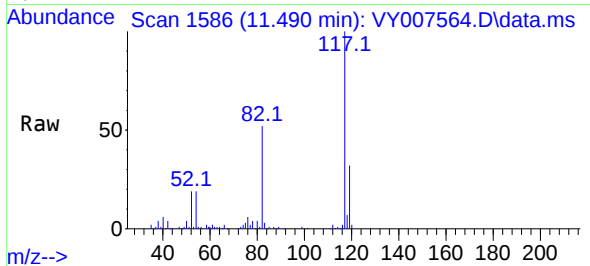
Tgt Ion: 95 Resp: 29432
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 82.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

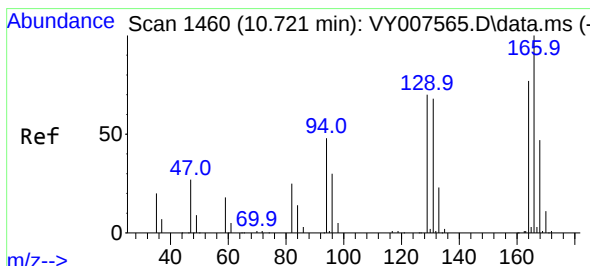
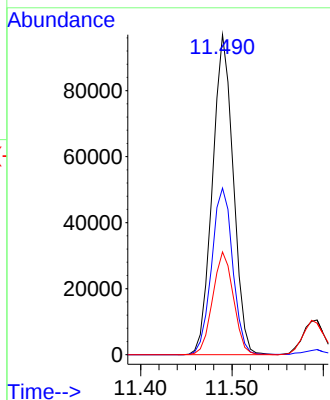
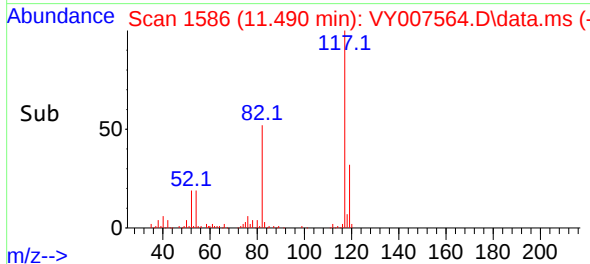
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



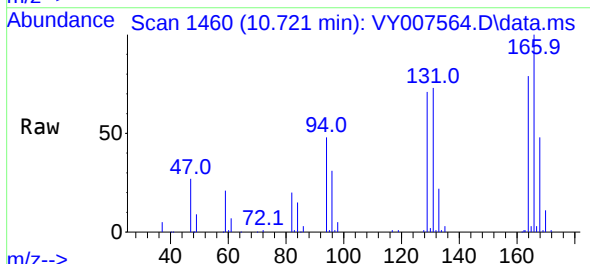
Tgt Ion:117 Resp: 153770
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

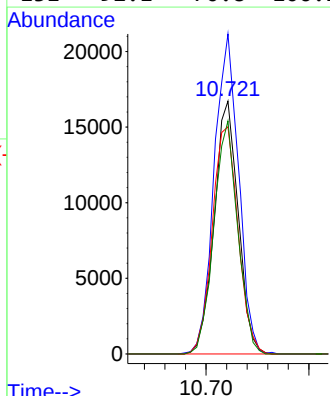
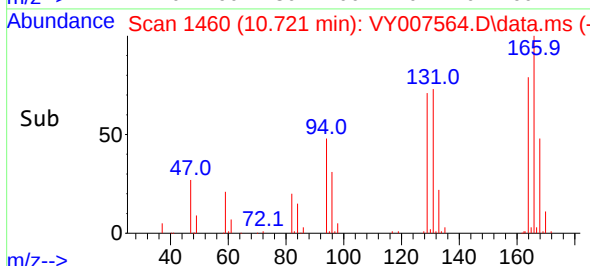
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

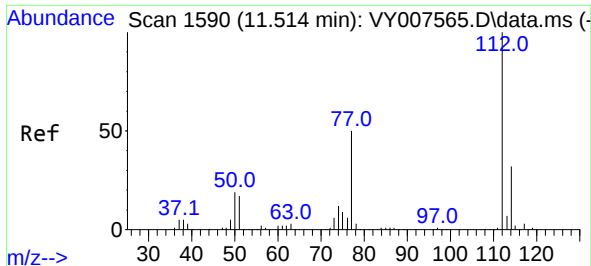


#64
Tetrachloroethene
Concen: 22.579 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



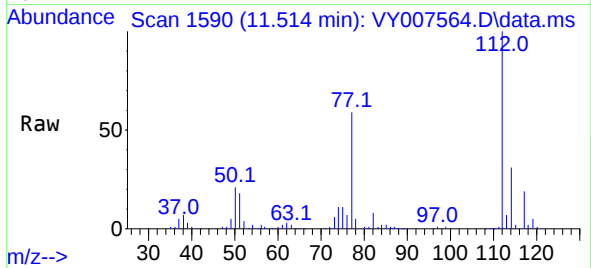
Tgt Ion:164 Resp: 27111
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 89.9 71.4 107.0
131 92.1 70.8 106.2





#65
Chlorobenzene
Concen: 20.721 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

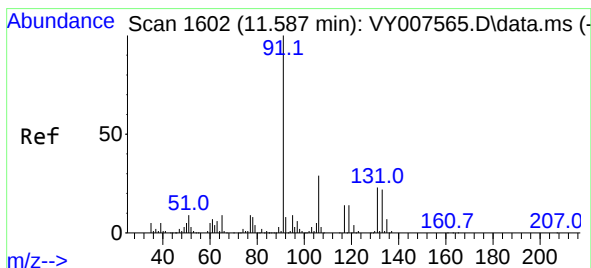
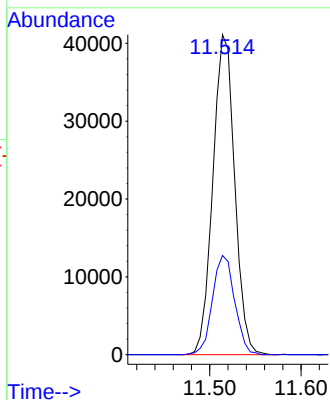
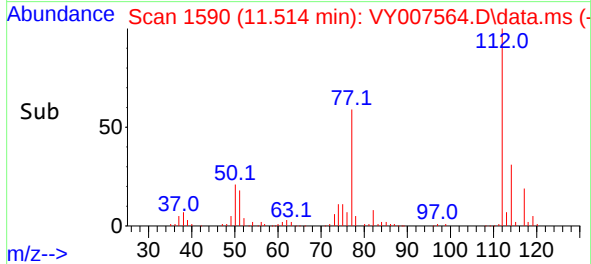
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



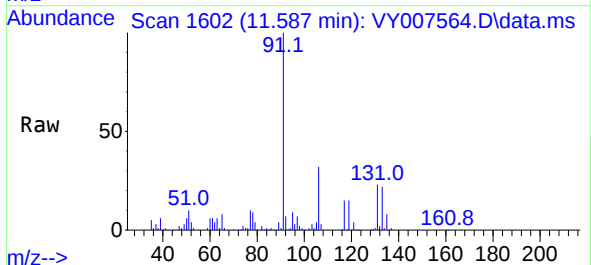
Tgt Ion:112 Resp: 6807
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

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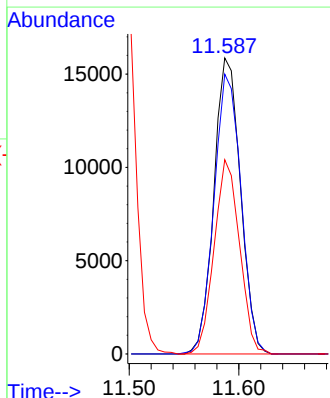
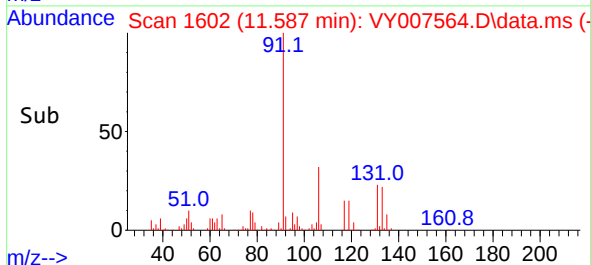
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

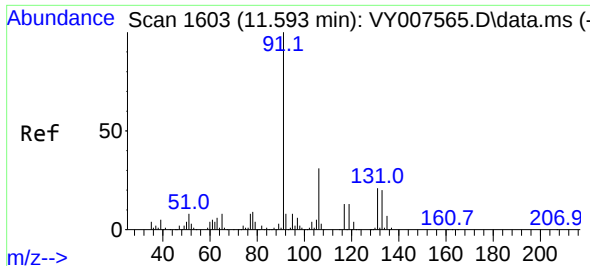


#66
1,1,1,2-Tetrachloroethane
Concen: 21.321 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



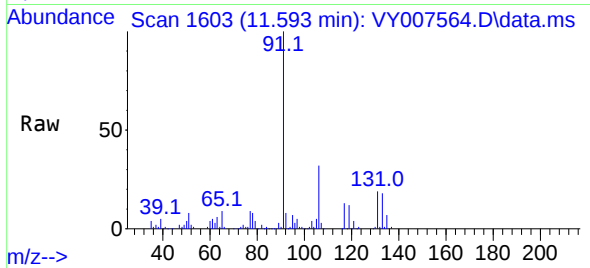
Tgt Ion:131 Resp: 26731
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 62.7 30.8 92.3





#67
Ethyl Benzene
Concen: 19.804 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

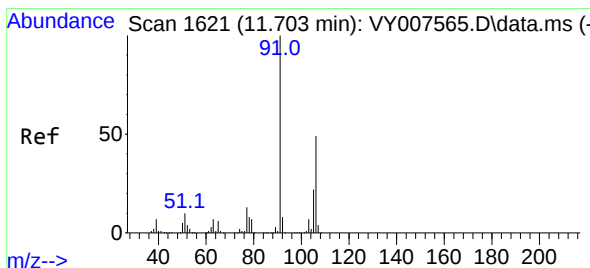
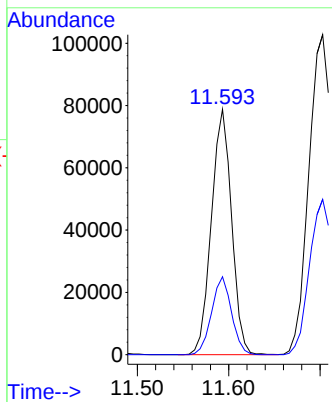
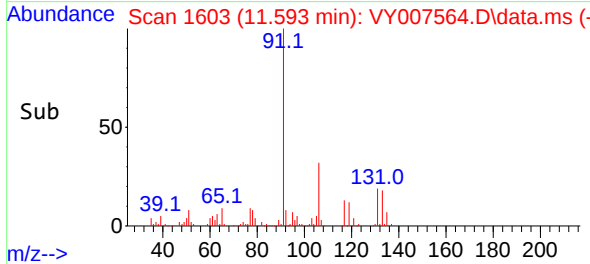
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



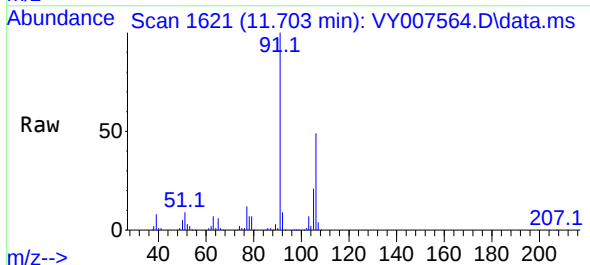
Tgt Ion: 91 Resp: 12083
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7

Manual Integrations
APPROVED

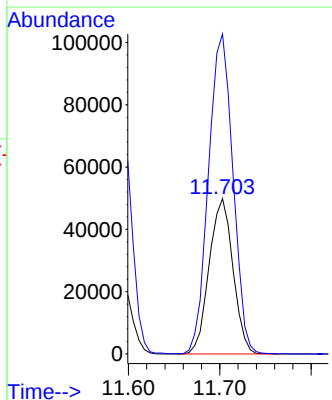
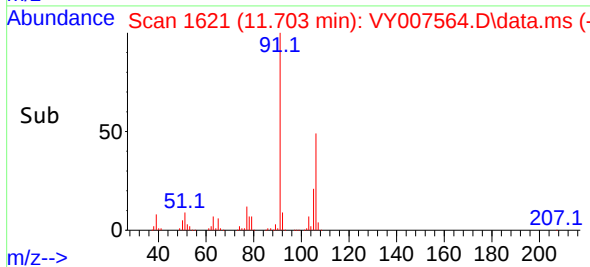
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

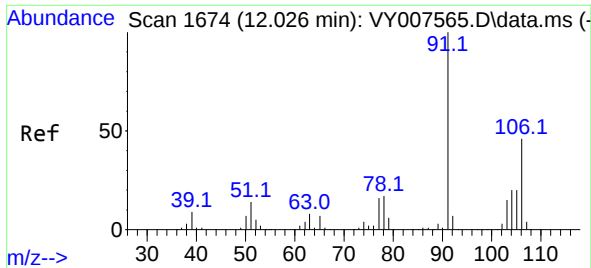


#68
m/p-Xylenes
Concen: 38.978 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion:106 Resp: 90204
Ion Ratio Lower Upper
106 100
91 211.9 166.6 249.8





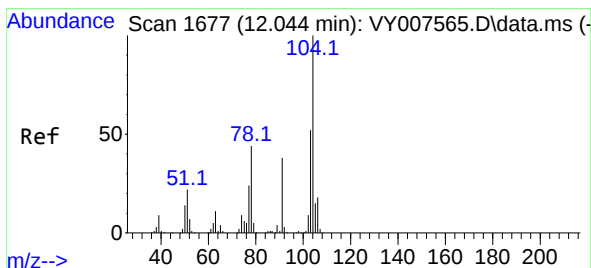
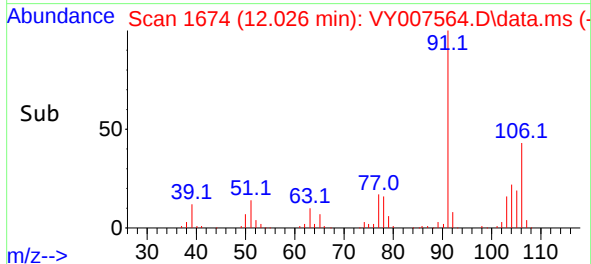
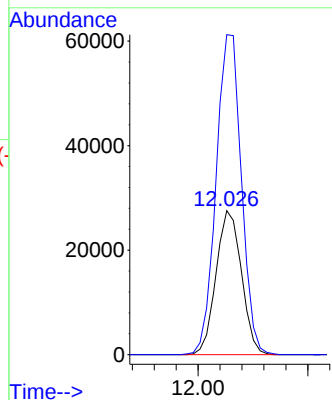
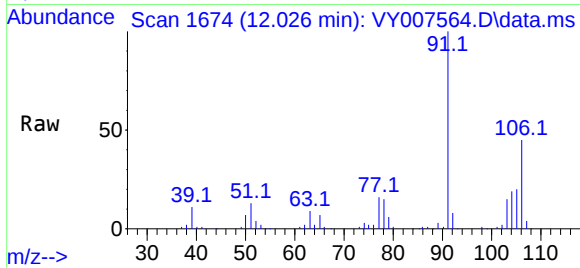
#69
o-Xylene
Concen: 20.228 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 44375
Ion Ratio Lower Upper
106 100
91 221.5 110.3 331.0

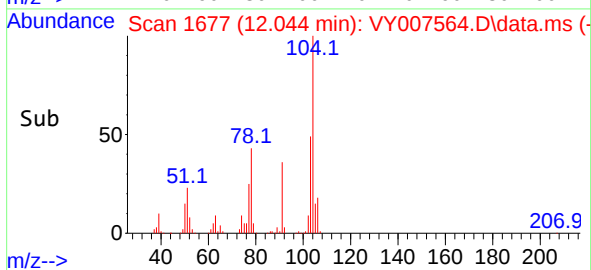
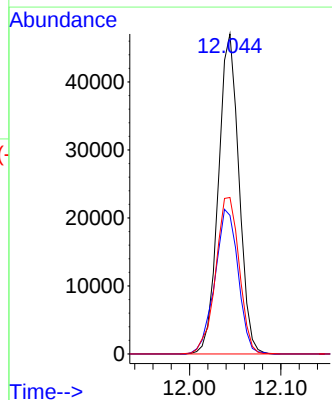
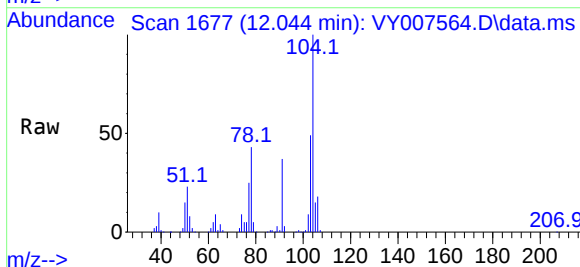
Manual Integrations
APPROVED

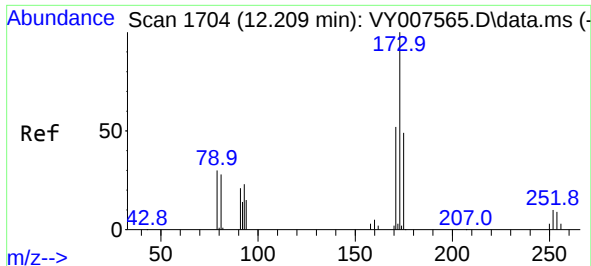
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 20.392 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

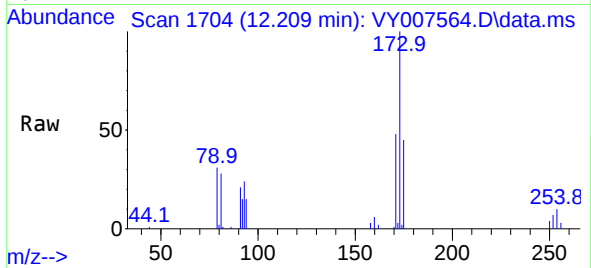
Tgt Ion:104 Resp: 73536
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 56.1 44.4 66.6





#71
Bromoform
Concen: 24.218 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

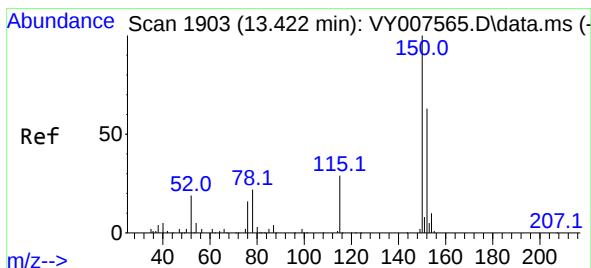
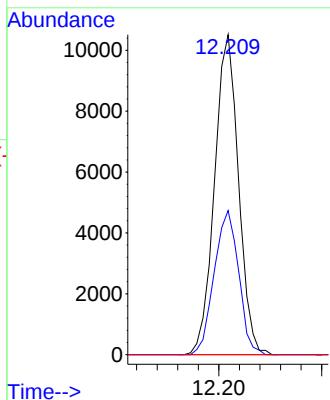
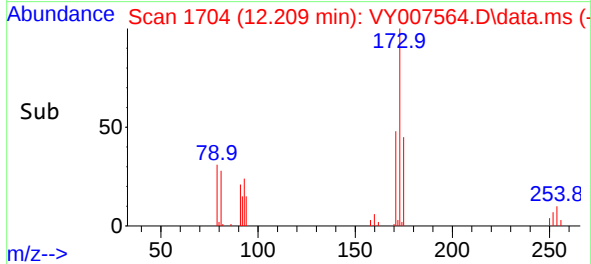
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



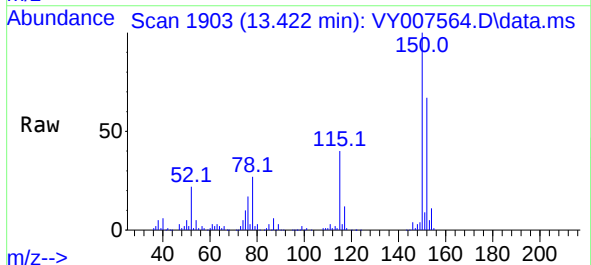
Tgt Ion:173 Resp: 1699
Ion Ratio Lower Upper
173 100
175 45.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

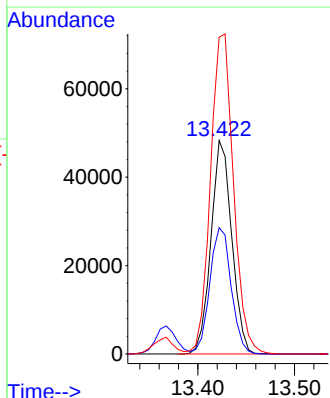
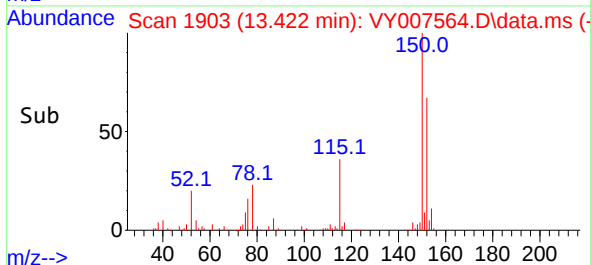
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

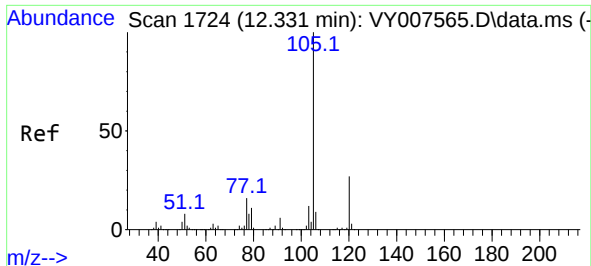


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



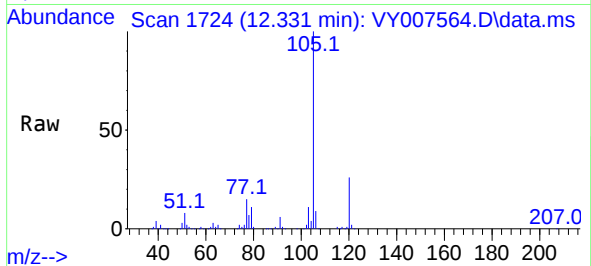
Tgt Ion:152 Resp: 72168
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 165.7 0.0 347.6





#73
Isopropylbenzene
Concen: 20.088 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

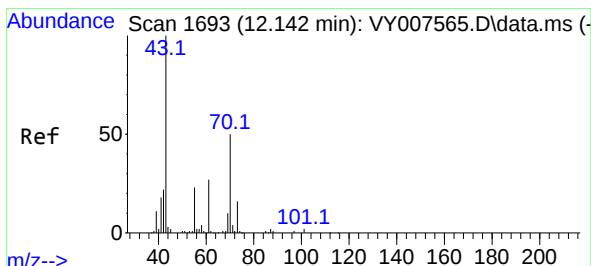
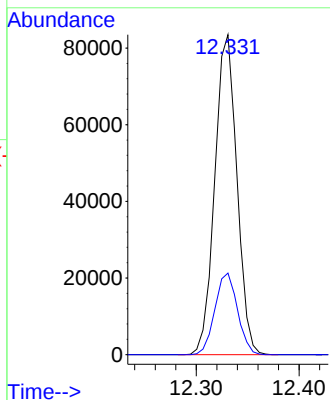
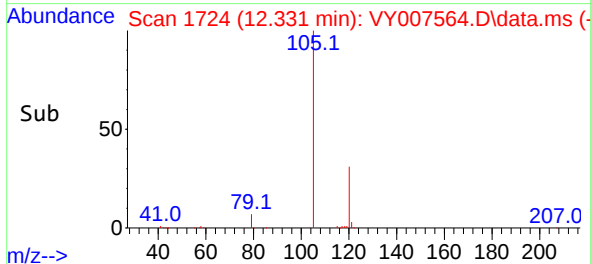
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



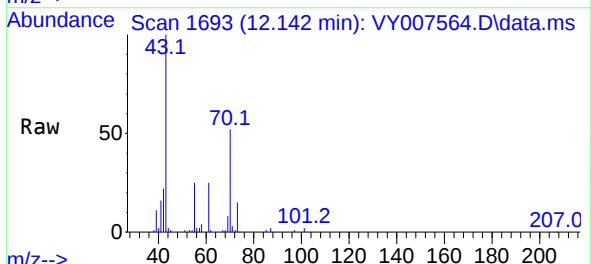
Tgt Ion:105 Resp: 124648
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2

Manual Integrations
APPROVED

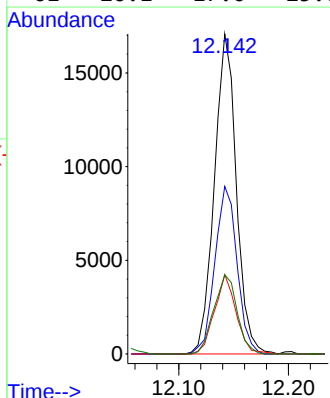
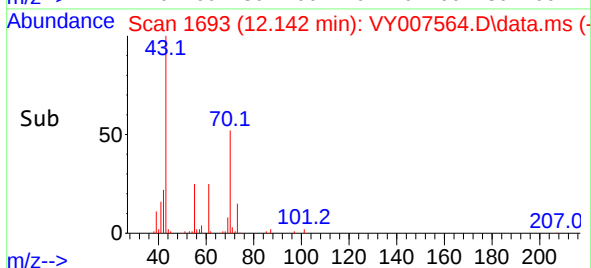
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

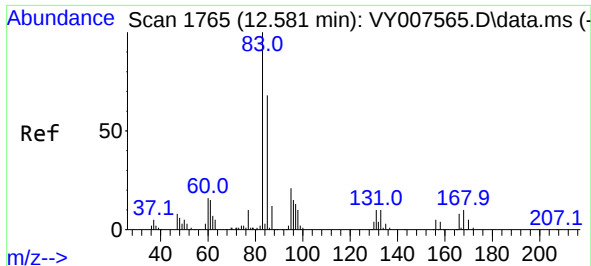


#74
N-ethyl acetate
Concen: 17.314 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



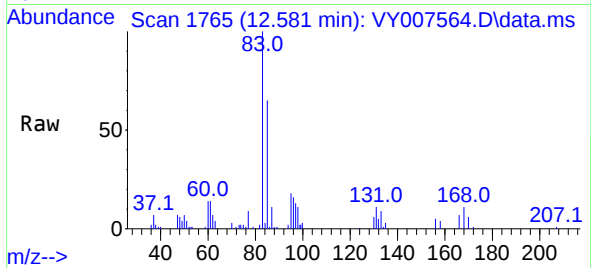
Tgt Ion: 43 Resp: 23783
Ion Ratio Lower Upper
43 100
70 52.9 28.7 43.1#
55 24.4 17.3 25.9
61 26.1 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.692 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

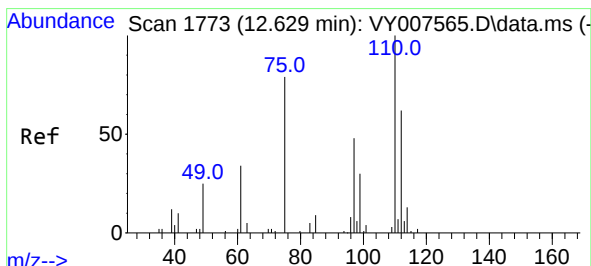
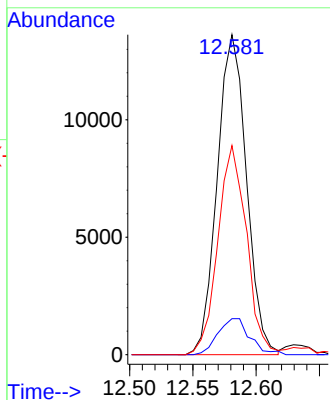
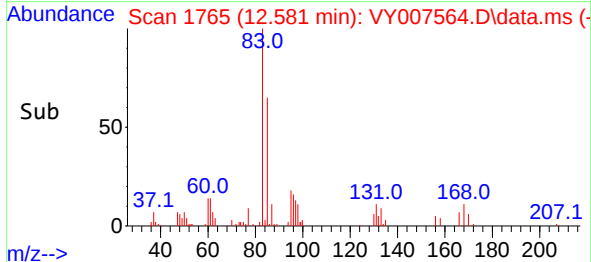
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



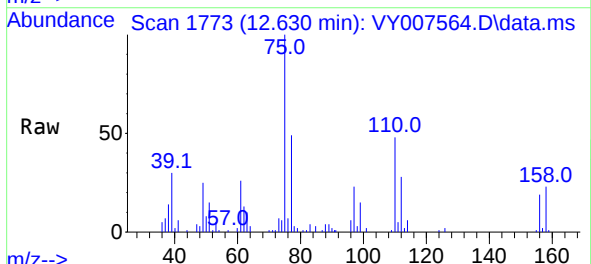
Tgt Ion: 83 Resp: 2192
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 63.9 32.3 96.8

Manual Integrations
APPROVED

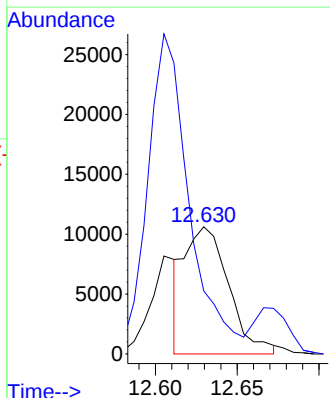
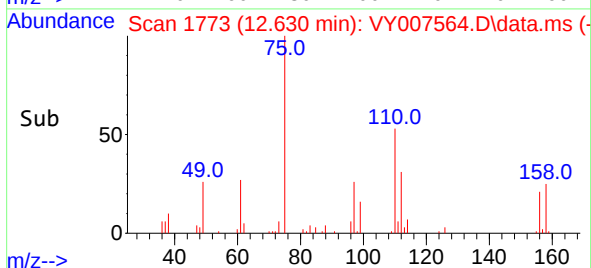
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

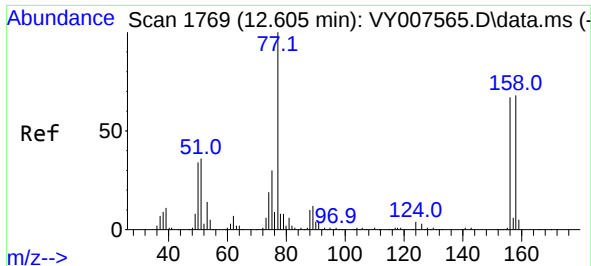


#76
1,2,3-Trichloropropane
Concen: 24.016 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



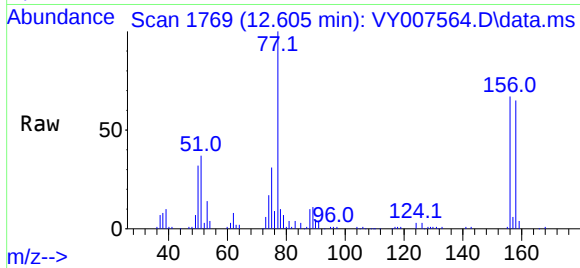
Tgt Ion: 75 Resp: 19771
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.868 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

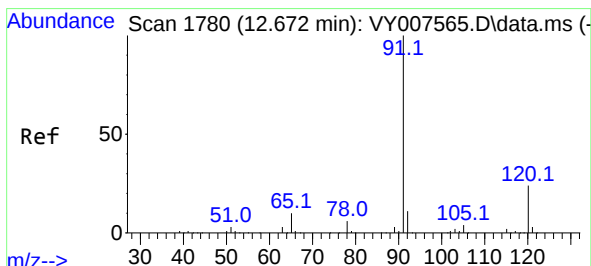
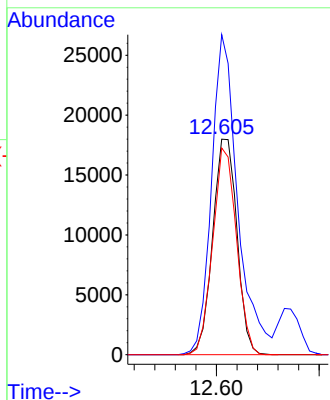
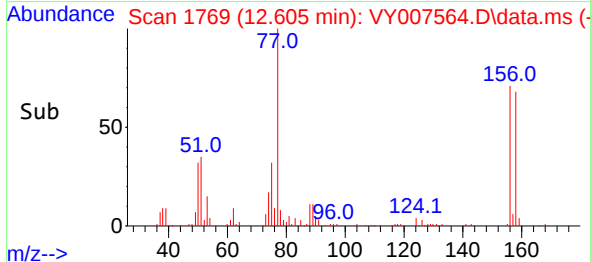
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



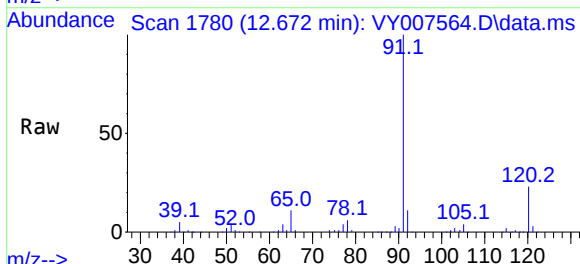
Tgt Ion:156 Resp: 29474
Ion Ratio Lower Upper
156 100
77 160.3 95.5 286.4
158 94.0 48.0 144.0

Manual Integrations
APPROVED

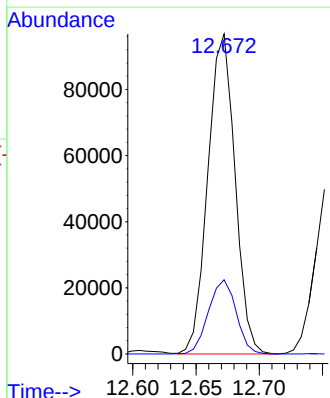
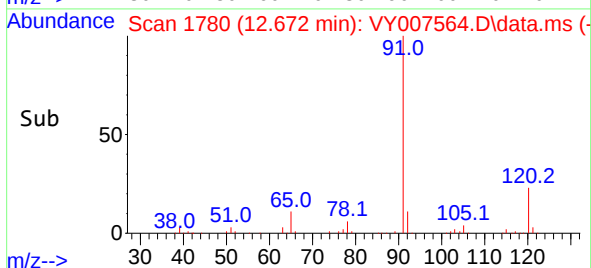
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

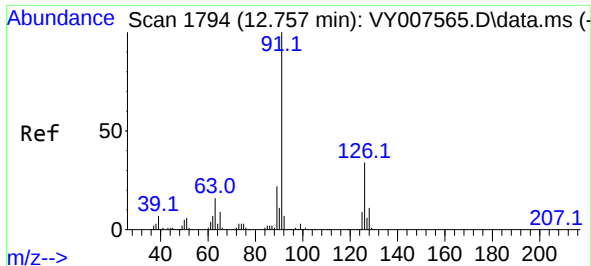


#78
n-propylbenzene
Concen: 19.497 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion: 91 Resp: 144540
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9





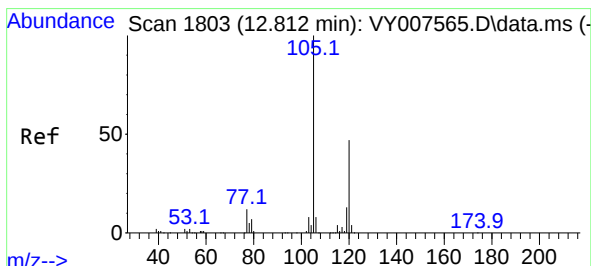
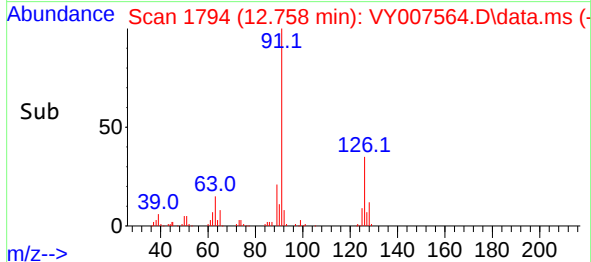
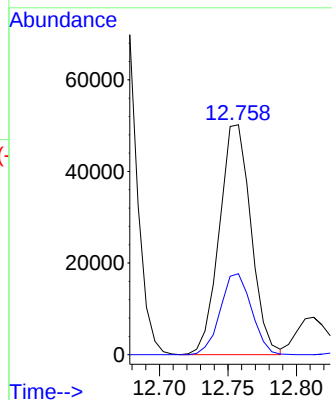
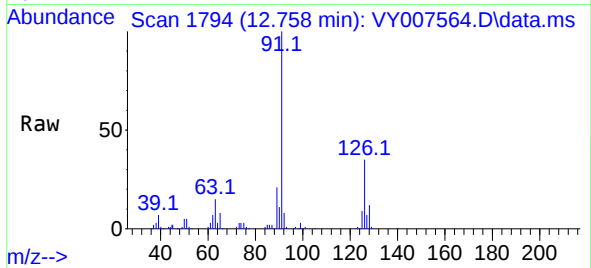
#79
2-Chlorotoluene
Concen: 19.771 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 80830
Ion Ratio Lower Upper
91 100
126 34.7 16.9 50.6

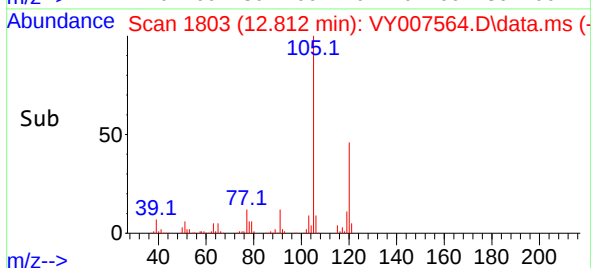
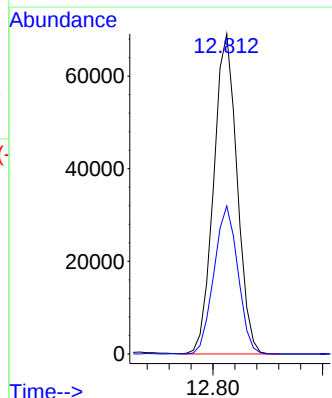
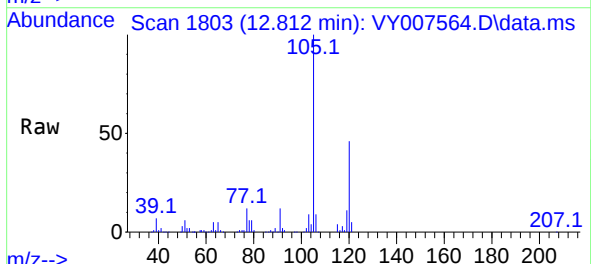
Manual Integrations
APPROVED

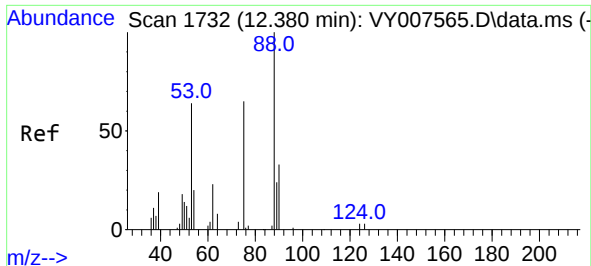
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.931 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:105 Resp: 102605
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.4





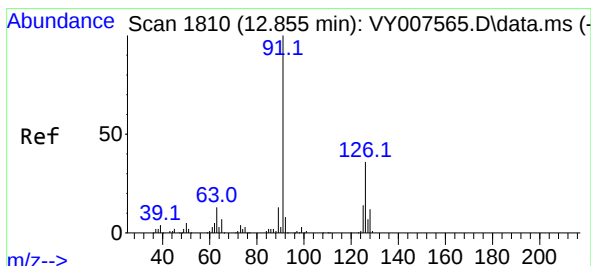
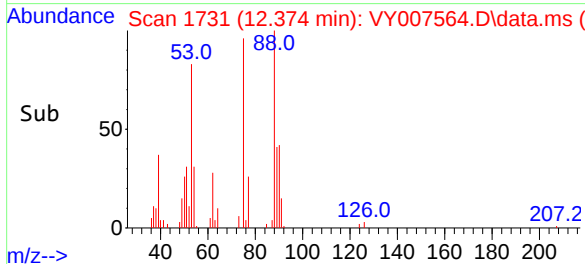
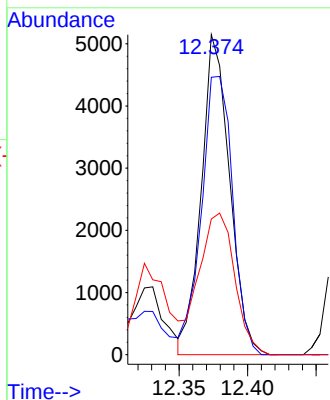
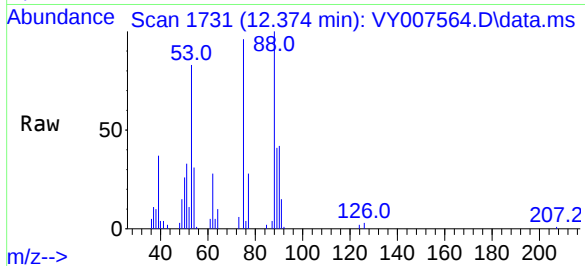
#81
trans-1,4-Dichloro-2-butene
Concen: 19.253 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 738
Ion Ratio Lower Upper
75 100
53 95.8 85.3 127.9
89 56.6 37.0 55.4

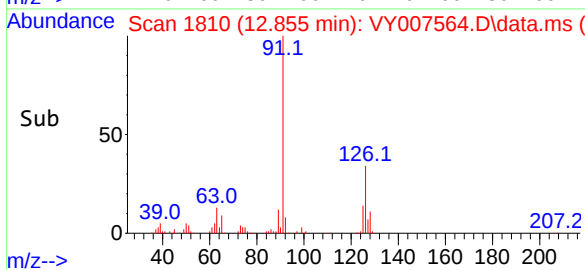
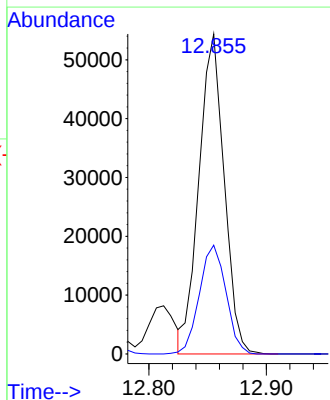
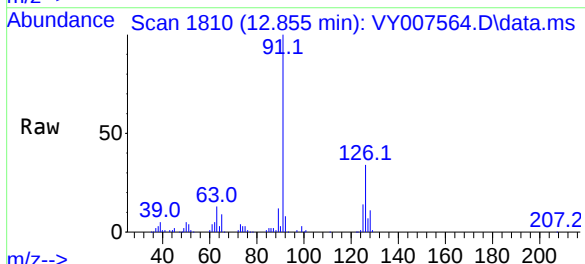
Manual Integrations
APPROVED

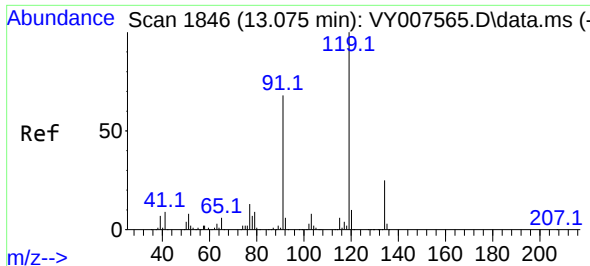
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#82
4-Chlorotoluene
Concen: 19.323 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion: 91 Resp: 81076
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





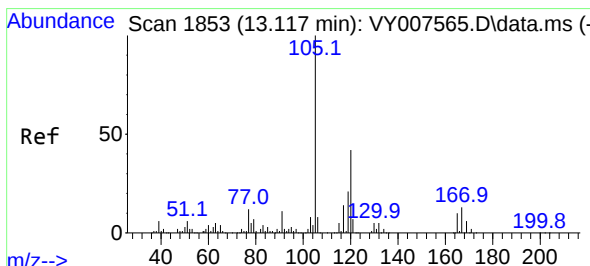
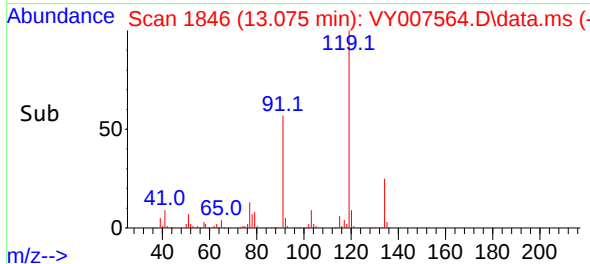
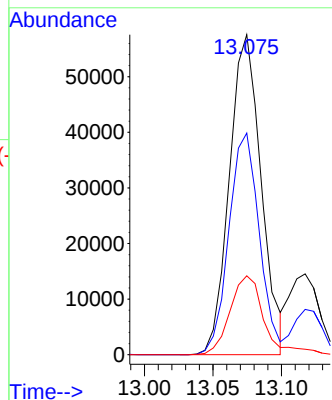
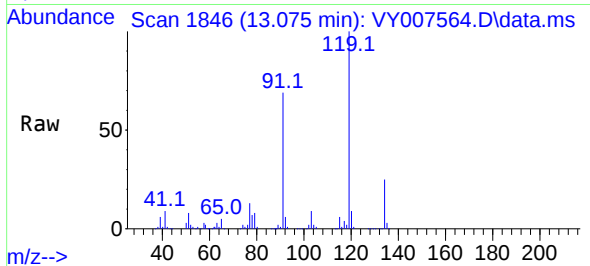
#83
tert-Butylbenzene
Concen: 20.611 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 93138
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.4
134 26.4 13.3 39.9

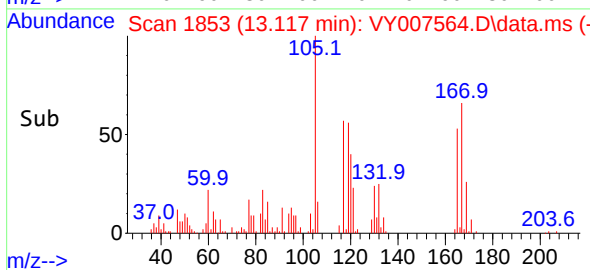
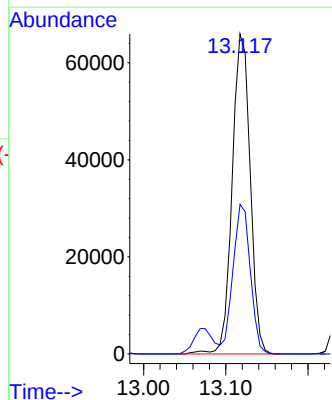
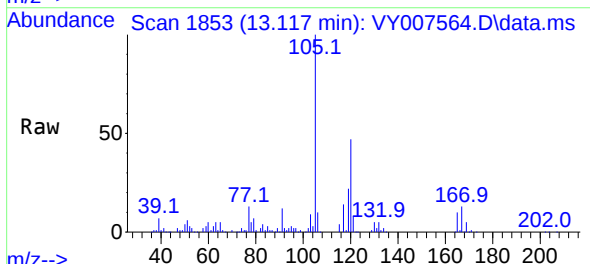
Manual Integrations
APPROVED

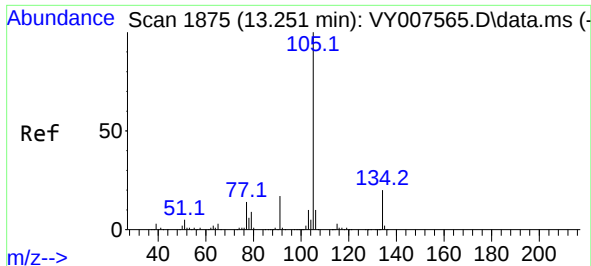
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.012 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:105 Resp: 100212
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





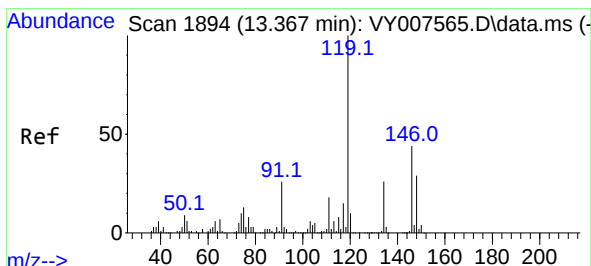
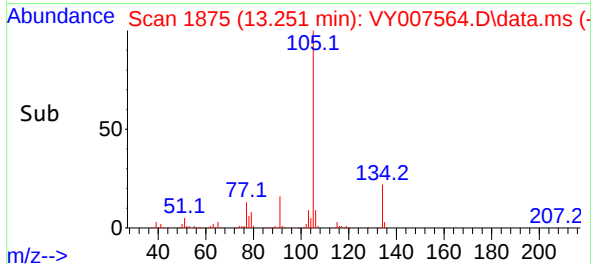
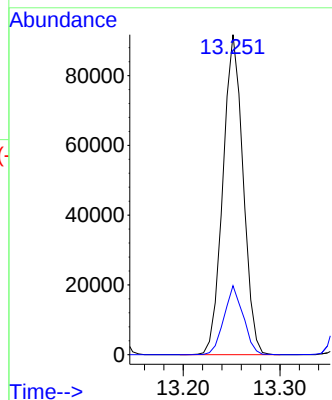
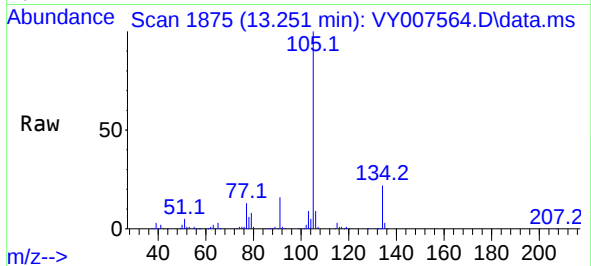
#85
 sec-Butylbenzene
 Concen: 20.031 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 13273
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

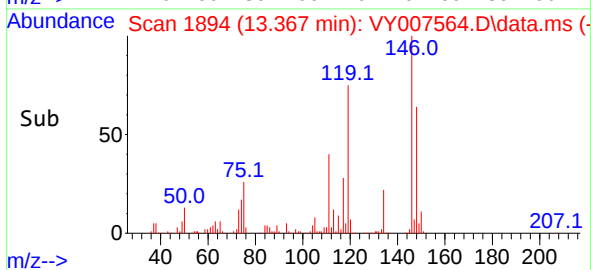
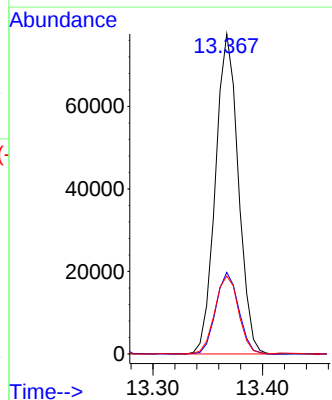
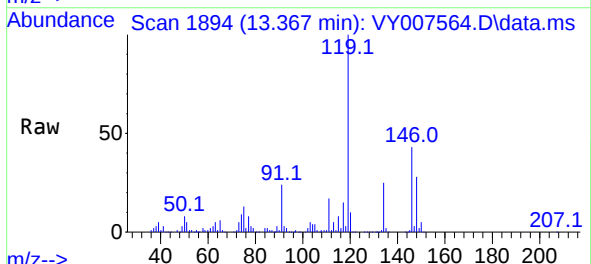
Manual Integrations
 APPROVED

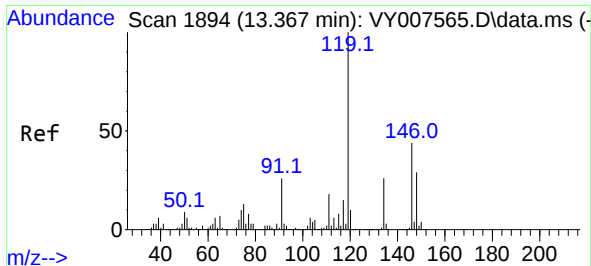
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 20.563 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007564.D
 Acq: 21 Feb 2022 12:32

Tgt Ion:119 Resp: 112699
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.448 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 53408

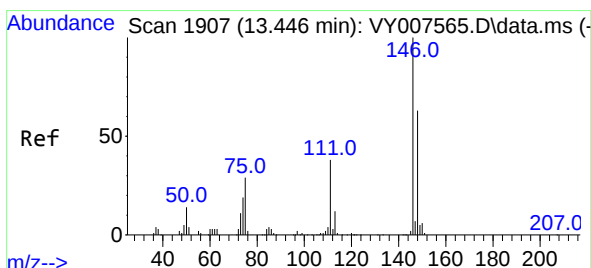
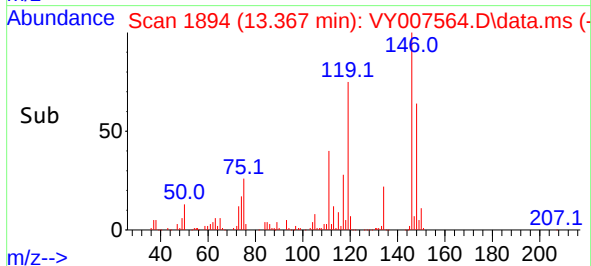
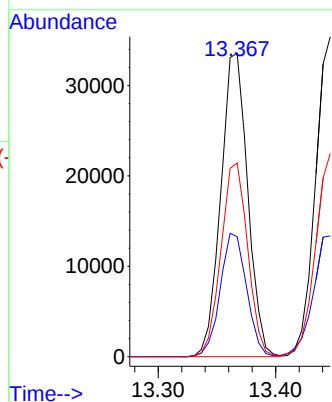
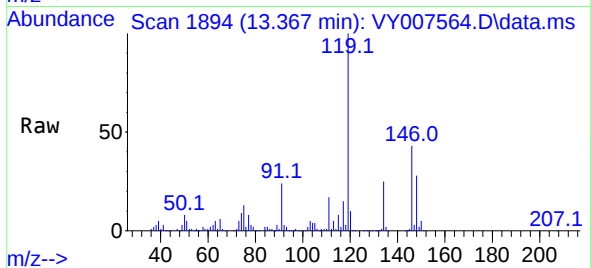
Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	63.5	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#88

1,4-Dichlorobenzene

Concen: 20.264 ug/l

RT: 13.447 min Scan# 1907

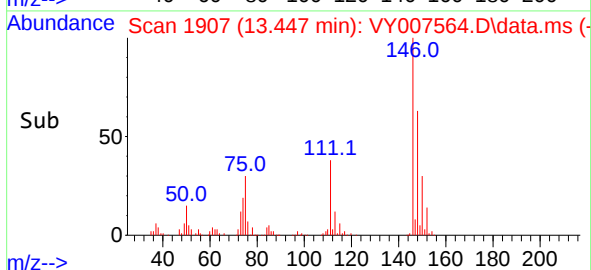
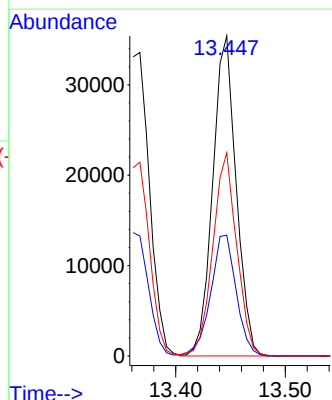
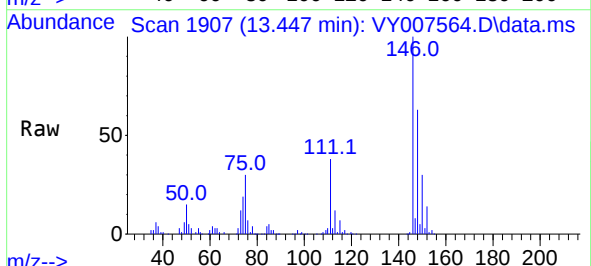
Delta R.T. 0.000 min

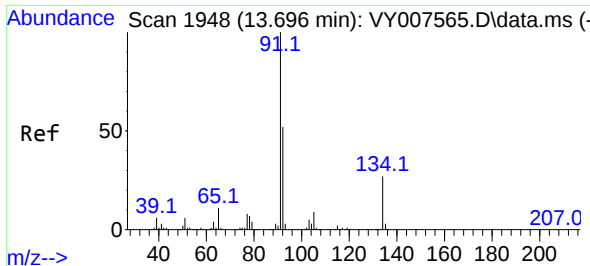
Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Tgt Ion:146 Resp: 52693

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.3	57.8
148	64.7	32.6	97.8





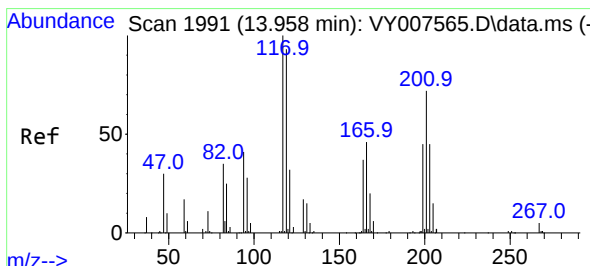
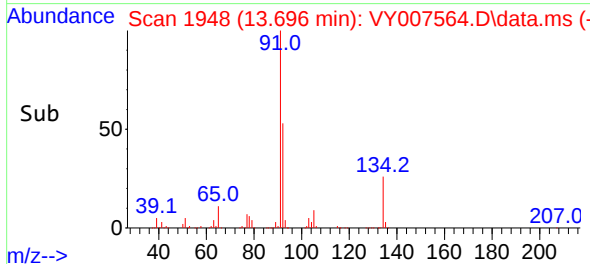
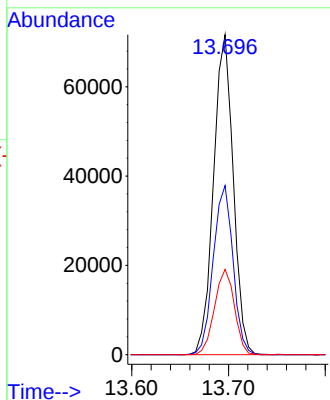
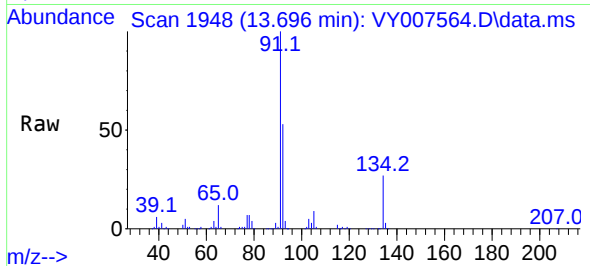
#89
n-Butylbenzene
Concen: 19.542 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 101368
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.9
134 26.9 13.0 38.9

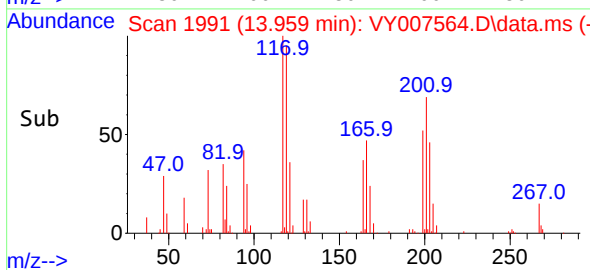
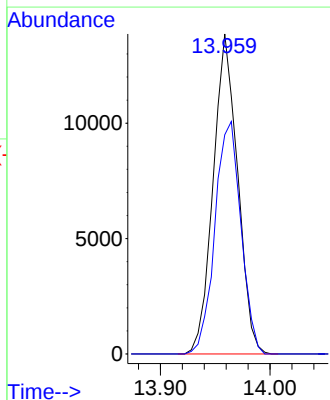
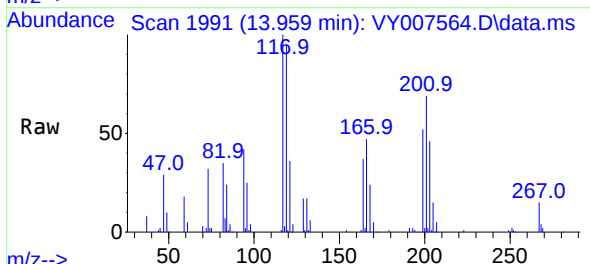
Manual Integrations
APPROVED

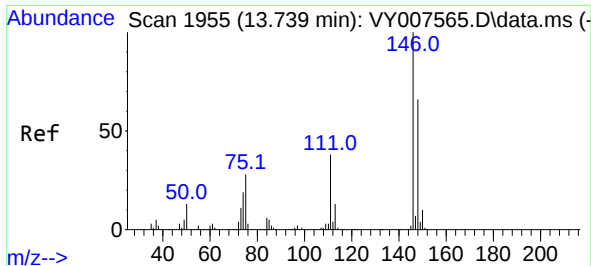
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 20.315 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:117 Resp: 21517
Ion Ratio Lower Upper
117 100
201 77.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.784 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

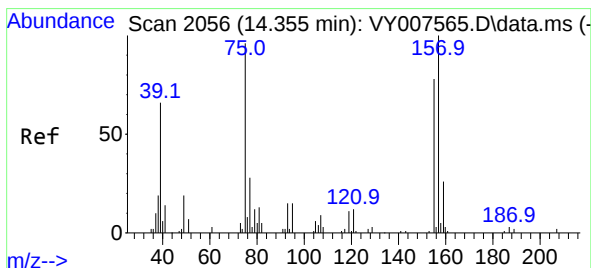
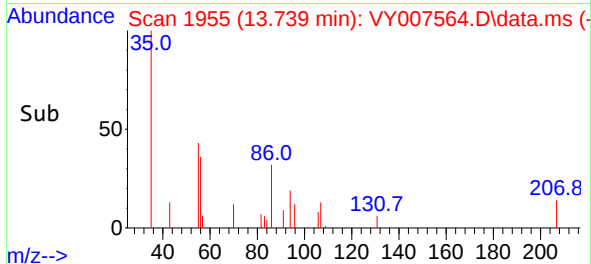
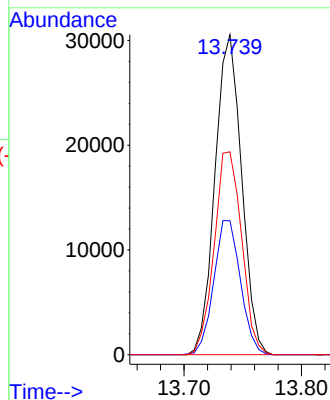
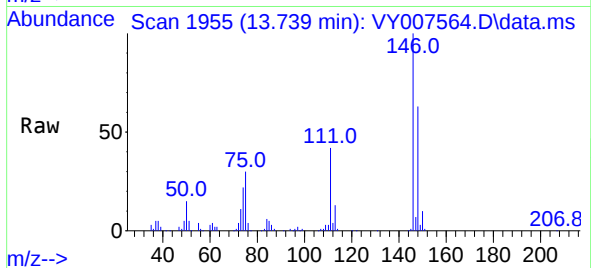
Tgt Ion:	146	Resp:	4811
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.3	60.9
148	65.5	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.454 ug/l

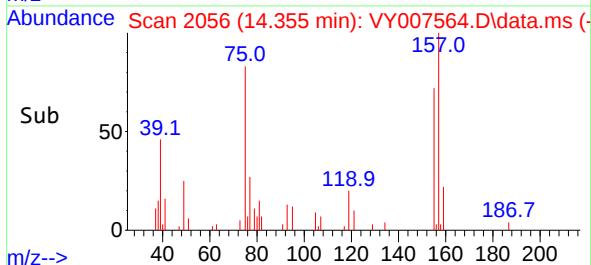
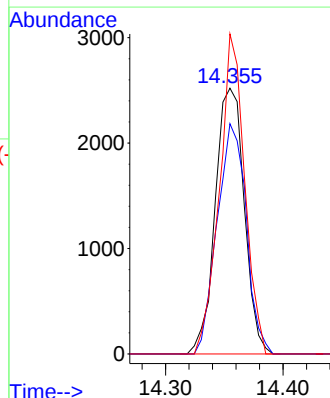
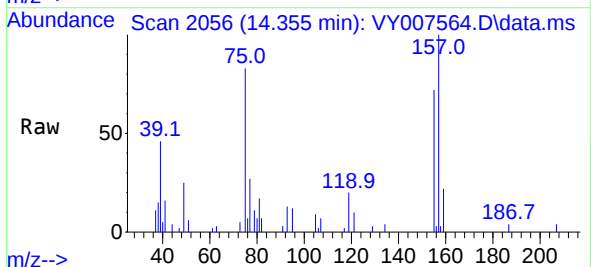
RT: 14.355 min Scan# 2056

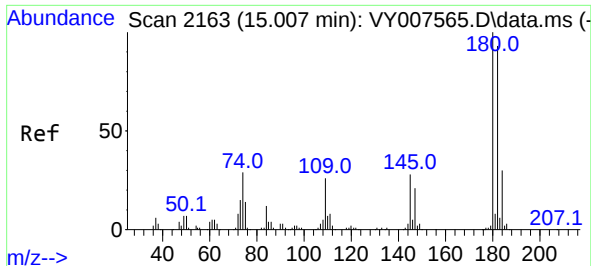
Delta R.T. 0.000 min

Lab File: VY007564.D

Acq: 21 Feb 2022 12:32

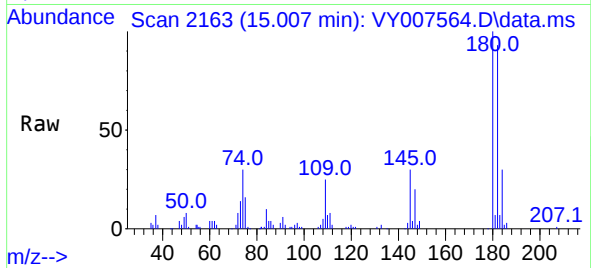
Tgt Ion:	75	Resp:	4326
Ion Ratio	Lower	Upper	
75	100		
155	86.8	38.0	113.9
157	104.7	47.8	143.3





#93
1,2,4-Trichlorobenzene
Concen: 22.817 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

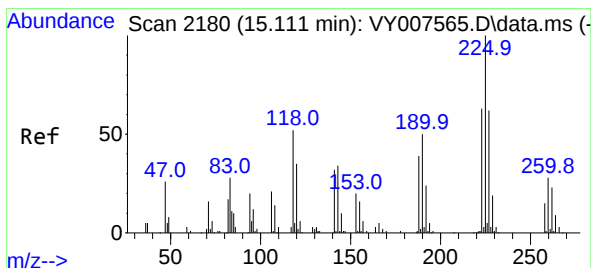
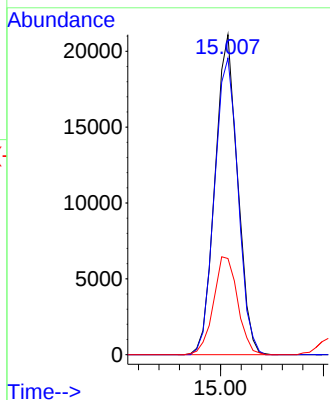
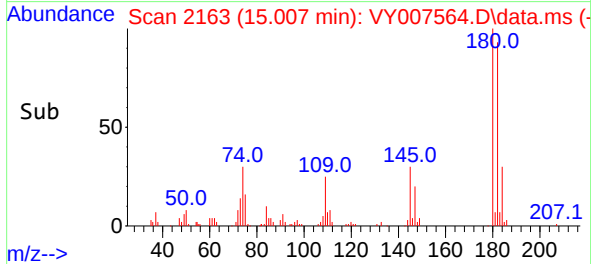
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



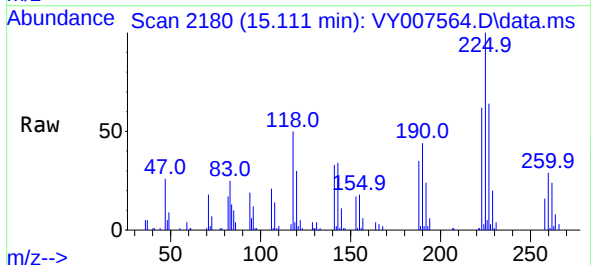
Tgt Ion:180 Resp: 32140
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.9
145 32.8 14.6 43.8

Manual Integrations
APPROVED

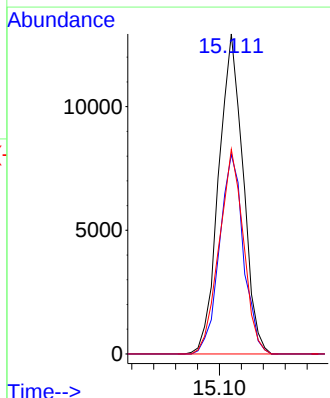
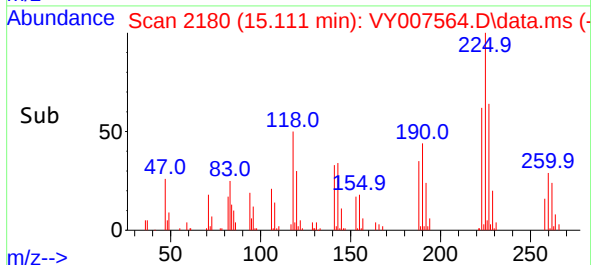
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

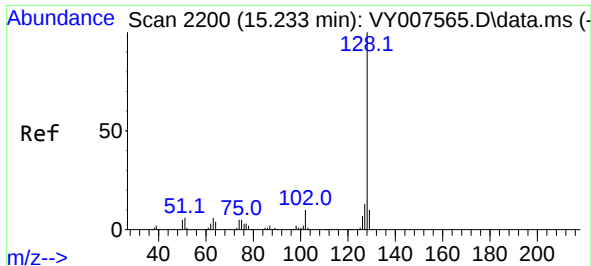


#94
Hexachlorobutadiene
Concen: 24.245 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32



Tgt Ion:225 Resp: 19976
Ion Ratio Lower Upper
225 100
223 61.3 30.8 92.3
227 63.5 31.6 94.7





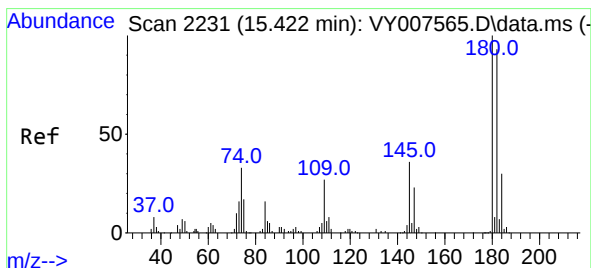
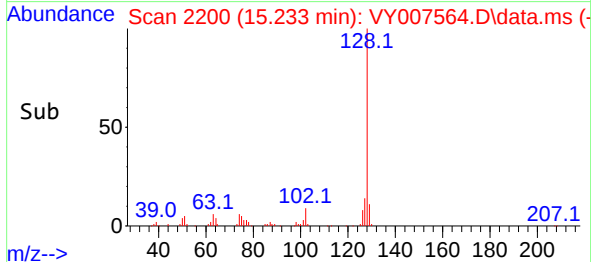
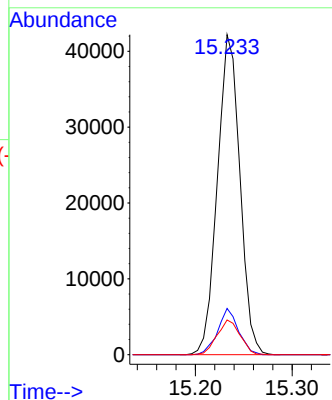
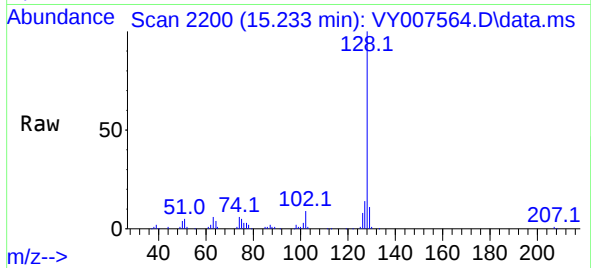
#95
Naphthalene
Concen: 22.287 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 68029
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 11.1 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: 23.503 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007564.D
Acq: 21 Feb 2022 12:32

Tgt Ion:180 Resp: 28652
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.9
145 34.0 15.3 45.9

