

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007869.D
 Acq On : 17 Mar 2022 10:44
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 12:25:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 12:24:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	320889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	526396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	227387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	42390	12.618	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	25.240%#		
35) Dibromofluoromethane	7.716	113	42599	12.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	25.320%#		
50) Toluene-d8	10.179	98	165086	13.326	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	26.660%#		
62) 4-Bromofluorobenzene	12.483	95	61785	15.472	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	30.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29118	12.152	ug/l	97
3) Chloromethane	2.113	50	38529	9.695	ug/l	98
4) Vinyl Chloride	2.253	62	42957	8.923	ug/l	98
5) Bromomethane	2.650	94	30656	7.879	ug/l	97
6) Chloroethane	2.796	64	28396	7.692	ug/l	89
7) Trichlorofluoromethane	3.125	101	63445	11.535	ug/l	97
8) Diethyl Ether	3.534	74	23463	13.257	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.900	101	40224	11.980	ug/l	95
10) Methyl Iodide	4.095	142	35979	8.808	ug/l #	88
11) Tert butyl alcohol	4.960	59	23423	80.532	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	37234	12.495	ug/l	84
13) Acrolein	3.735	56	18432	62.357	ug/l	96
14) Allyl chloride	4.485	41	62725	13.995	ug/l #	89
15) Acrylonitrile	5.162	53	62139	66.516	ug/l	96
16) Acetone	3.948	43	48181	70.502	ug/l #	88
17) Carbon Disulfide	4.192	76	93038	11.461	ug/l	98
18) Methyl Acetate	4.479	43	31941	13.569	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	116361	12.582	ug/l	100
20) Methylene Chloride	4.716	84	52426	13.789	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	41899	12.050	ug/l	90
22) Diisopropyl ether	6.119	45	134104	12.525	ug/l #	93
23) Vinyl Acetate	6.058	43	430616	63.596	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	74695	11.546	ug/l	97
25) 2-Butanone	6.984	43	80630	70.332	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	70471	12.240	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	50039	12.273	ug/l	88
28) Bromochloromethane	7.338	49	29090	10.573	ug/l #	84
29) Tetrahydrofuran	7.344	42	53714	68.476	ug/l #	85
30) Chloroform	7.503	83	79053	11.795	ug/l	99
31) Cyclohexane	7.783	56	74454	12.684	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	70458	11.812	ug/l	97
36) 1,1-Dichloropropene	7.917	75	58190	10.991	ug/l	97
37) Ethyl Acetate	7.076	43	37079	12.681	ug/l #	92
38) Carbon Tetrachloride	7.899	117	62151	11.005	ug/l	95
39) Methylcyclohexane	9.185	83	76519	11.761	ug/l	92
40) Benzene	8.161	78	171122	11.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	21829m	15.622	ug/l	
42) 1,2-Dichloroethane	8.240	62	49049	10.669	ug/l	89
43) Isopropyl Acetate	8.271	43	68577	12.682	ug/l #	90
44) Trichloroethene	8.941	130	47035	11.494	ug/l	98
45) 1,2-Dichloropropane	9.216	63	44534	11.688	ug/l	98
46) Dibromomethane	9.307	93	25290	11.058	ug/l	95
47) Bromodichloromethane	9.496	83	61781	11.517	ug/l	98
48) Methyl methacrylate	9.295	41	30700	13.098	ug/l #	87
49) 1,4-Dioxane	9.301	88	7084	256.560	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	180802	62.488	ug/l	91
52) Toluene	10.246	92	108510	11.390	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	67116	12.186	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	73979	12.158	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	37954	12.198	ug/l	98
56) Ethyl methacrylate	10.508	69	53835	13.032	ug/l #	79
57) 1,3-Dichloropropane	10.789	76	62675	11.912	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	127080	56.409	ug/l	94
59) 2-Hexanone	10.831	43	127737	65.557	ug/l	88
60) Dibromochloromethane	10.984	129	44763	12.082	ug/l	100
61) 1,2-Dibromoethane	11.087	107	36479	12.300	ug/l	100
64) Tetrachloroethene	10.722	164	38969	11.244	ug/l	93
65) Chlorobenzene	11.514	112	120229	11.803	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	45157	11.854	ug/l	96
67) Ethyl Benzene	11.593	91	212888	11.589	ug/l	98
68) m/p-Xylenes	11.703	106	165990	23.549	ug/l	94
69) o-Xylene	12.026	106	80216	12.009	ug/l	95
70) Styrene	12.044	104	133530	11.939	ug/l	97
71) Bromoform	12.209	173	28583	12.051	ug/l #	99
73) Isopropylbenzene	12.331	105	212044	11.970	ug/l	100
74) N-amyl acetate	12.142	43	62225	13.196	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	45469	12.238	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	33976m	13.380	ug/l	
77) Bromobenzene	12.611	156	48860	11.975	ug/l	97
78) n-propylbenzene	12.672	91	255958	11.974	ug/l	98
79) 2-Chlorotoluene	12.758	91	144870	12.665	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	174608	12.327	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	16014	12.892	ug/l #	83
82) 4-Chlorotoluene	12.855	91	146542	12.455	ug/l	99
83) tert-Butylbenzene	13.075	119	154542	11.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	171547	12.295	ug/l	98
85) sec-Butylbenzene	13.252	105	236605	12.276	ug/l	100
86) p-Isopropyltoluene	13.367	119	191554	12.033	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94185	11.600	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	95151	11.874	ug/l	97
89) n-Butylbenzene	13.697	91	181965	12.095	ug/l	98
90) Hexachloroethane	13.959	117	37286	12.357	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	84797	11.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8283	14.721	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	53011	11.614	ug/l	97
94) Hexachlorobutadiene	15.111	225	27632	10.239	ug/l	97
95) Naphthalene	15.239	128	117505	12.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45757	11.248	ug/l	98

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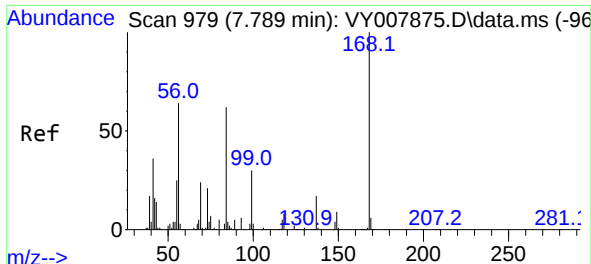
Quant Time: Mar 17 12:25:40 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

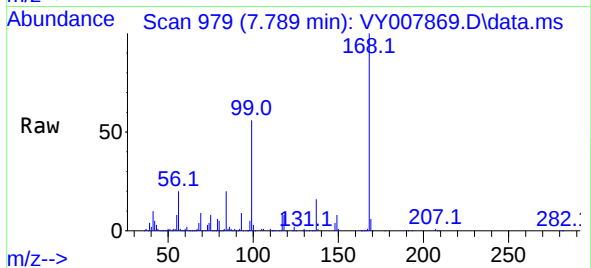
Reviewed By :John Carlone 03/18/2022
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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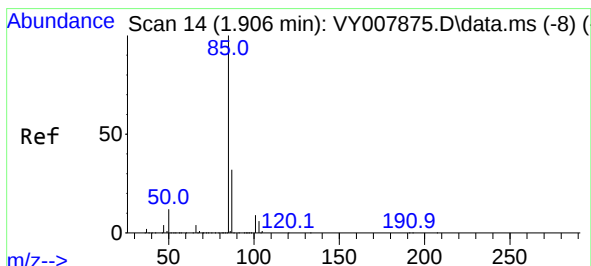
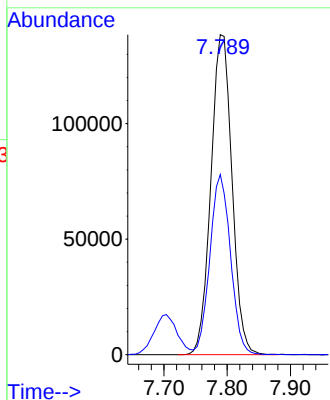
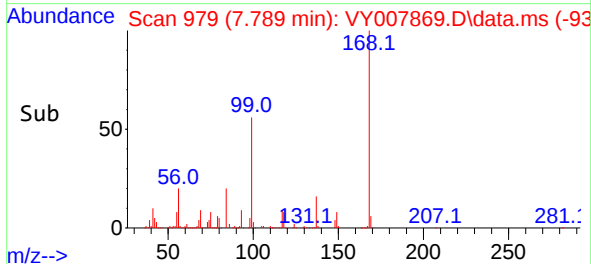
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 320889
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3

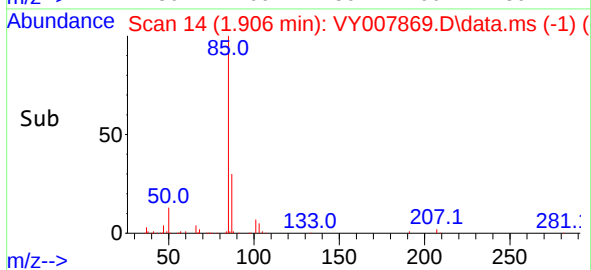
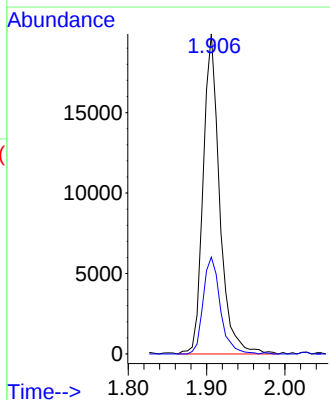
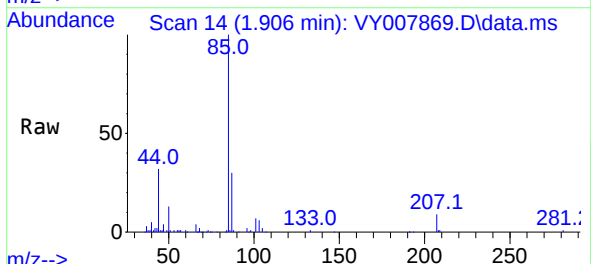
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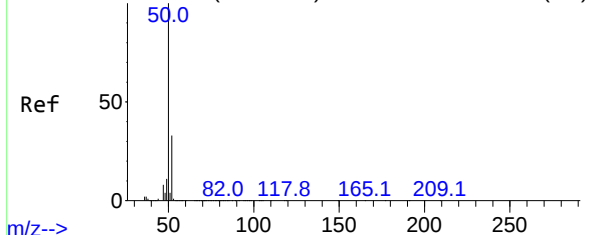


#2
Dichlorodifluoromethane
Concen: 12.152 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Tgt Ion: 85 Resp: 29118
Ion Ratio Lower Upper
85 100
87 30.3 16.1 48.2



Abundance Scan 48 (2.113 min): VY007875.D\data.ms (-41)



#3

Chloromethane

Concen: 9.695 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 38529

Ion Ratio Lower Upper

50 100

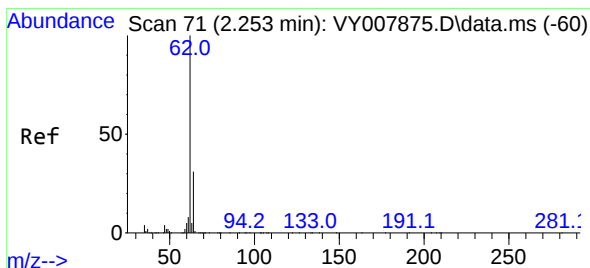
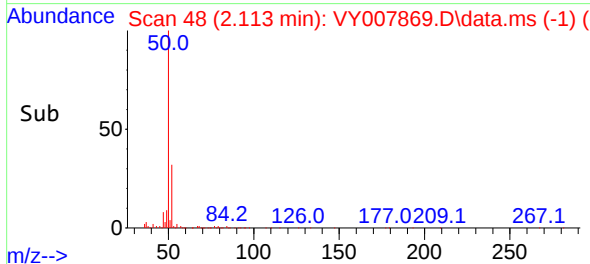
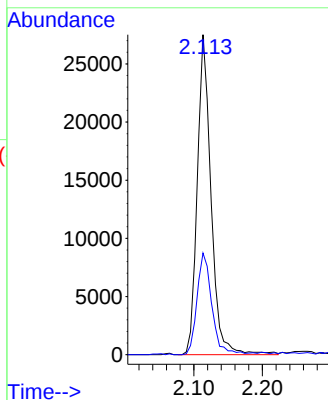
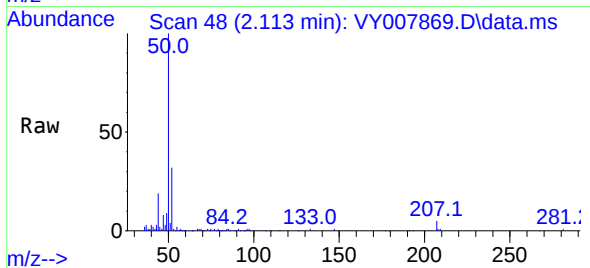
52 31.8 24.6 37.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 8.923 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007869.D

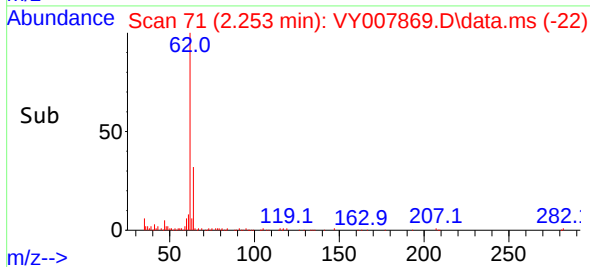
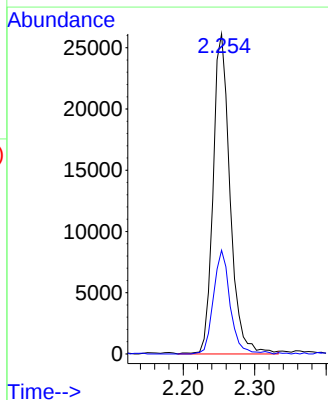
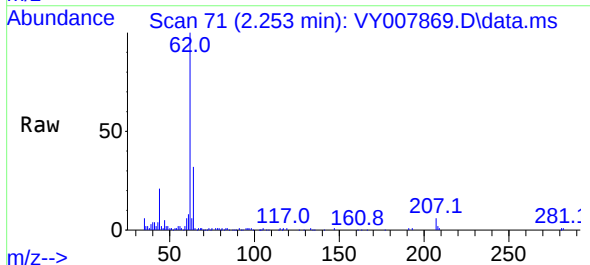
Acq: 17 Mar 2022 10:44

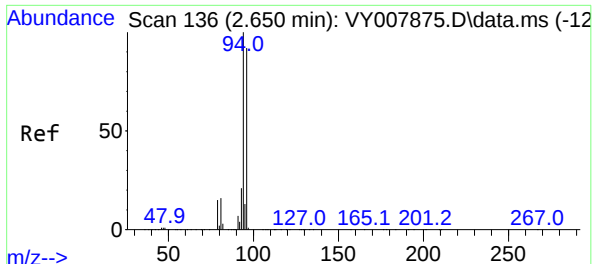
Tgt Ion: 62 Resp: 42957

Ion Ratio Lower Upper

62 100

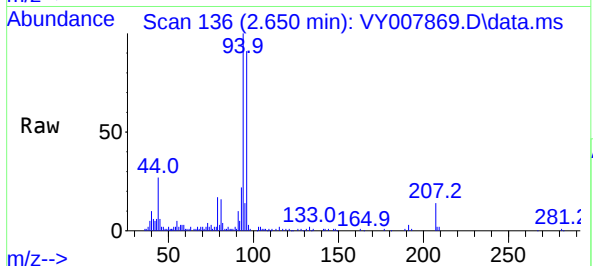
64 32.4 25.0 37.6





#5
Bromomethane
Concen: 7.879 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

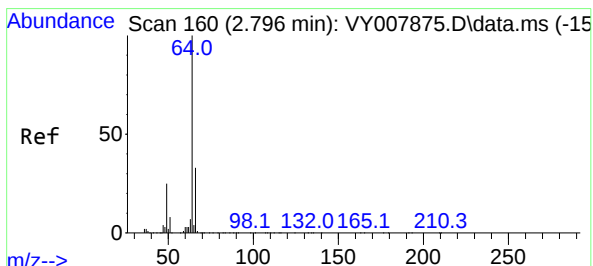
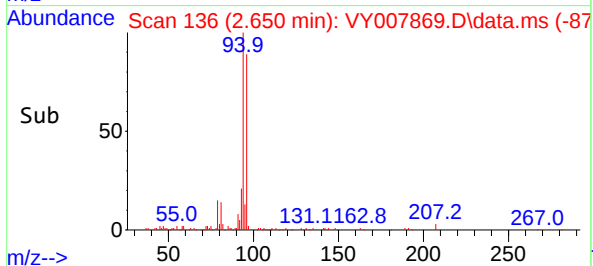
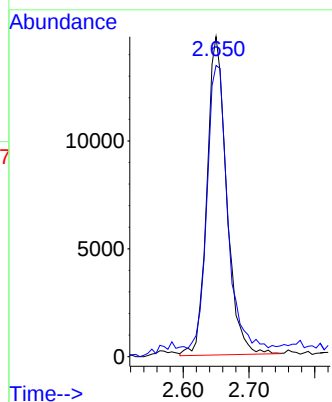
Instrument :
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Tgt Ion: 94 Resp: 30650
Ion Ratio Lower Upper
94 100
96 88.8 73.5 110.3

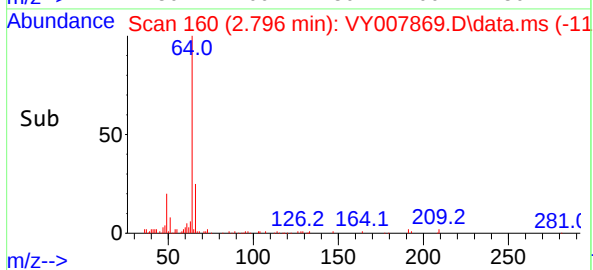
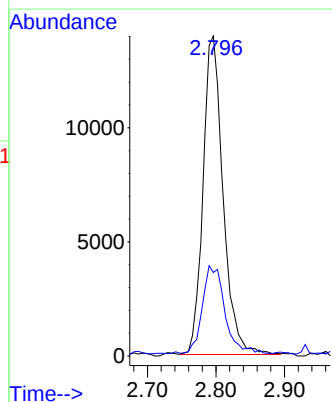
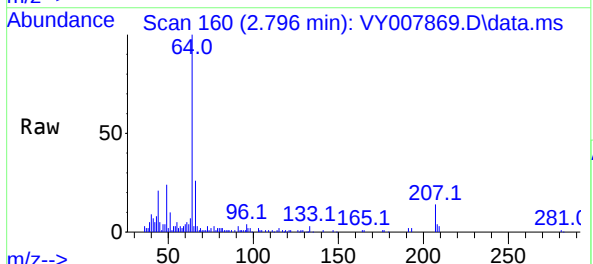
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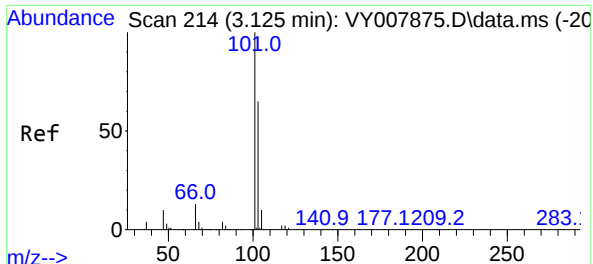
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#6
Chloroethane
Concen: 7.692 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY007869.D
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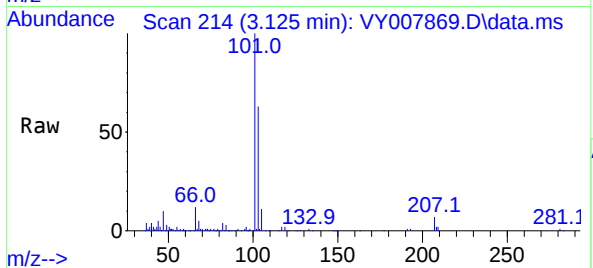
Tgt Ion: 64 Resp: 28396
Ion Ratio Lower Upper
64 100
66 25.4 25.4 38.0





#7
Trichlorofluoromethane
Concen: 11.535 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY007869.D
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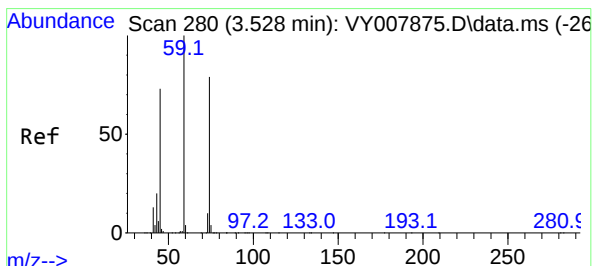
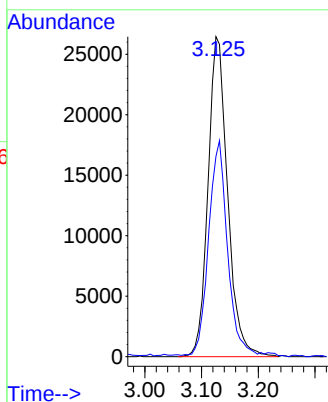
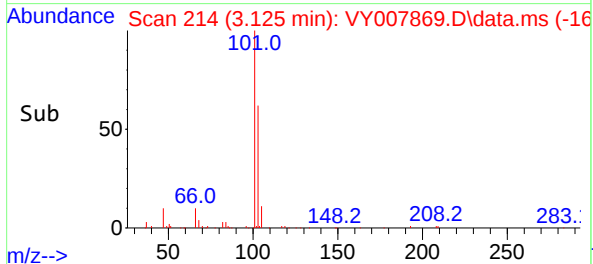
Instrument :
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VSTDICC010



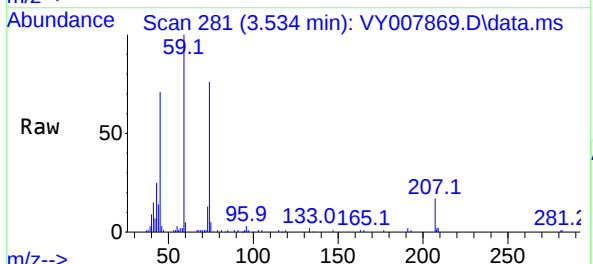
Tgt Ion:101 Resp: 6344
Ion Ratio Lower Upper
101 100
103 62.3 48.0 72.0

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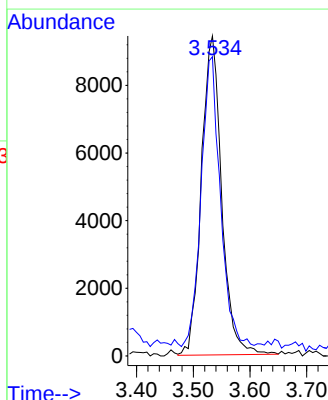
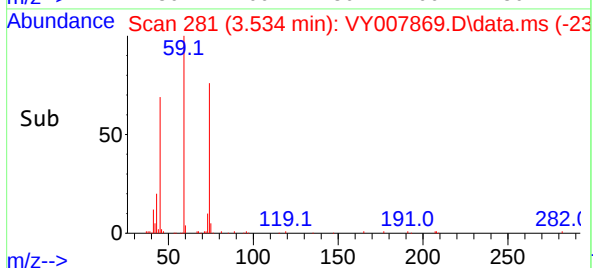
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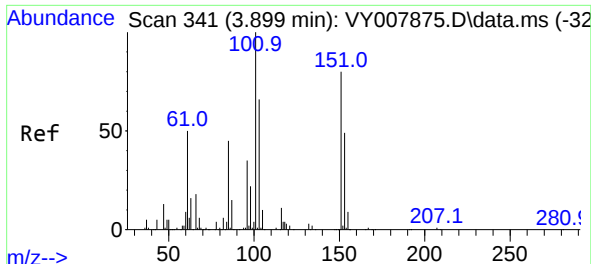


#8
Diethyl Ether
Concen: 13.257 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 23463
Ion Ratio Lower Upper
74 100
45 86.6 55.1 165.5





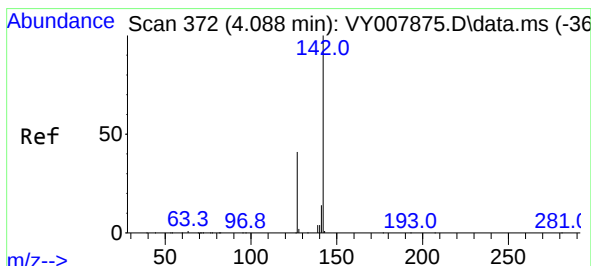
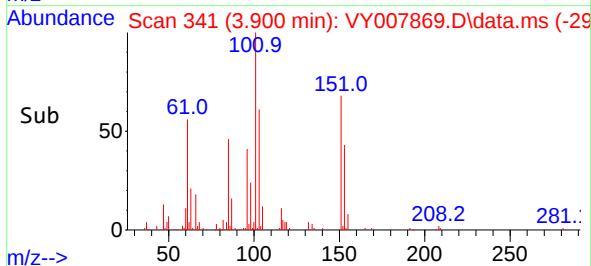
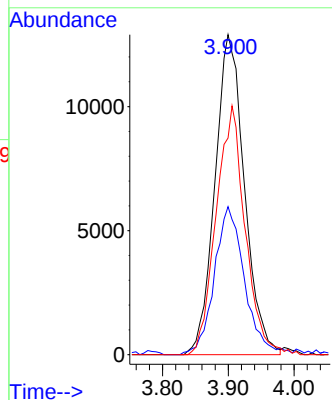
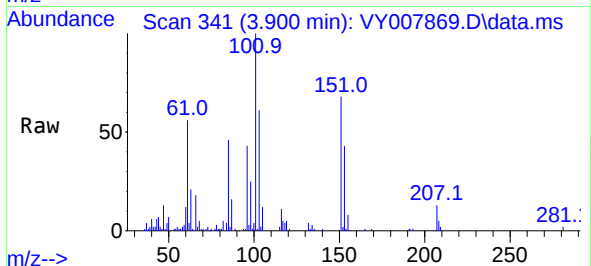
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.980 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 40224
Ion Ratio Lower Upper
101 100
85 47.4 40.6 60.8
151 76.8 64.9 97.3

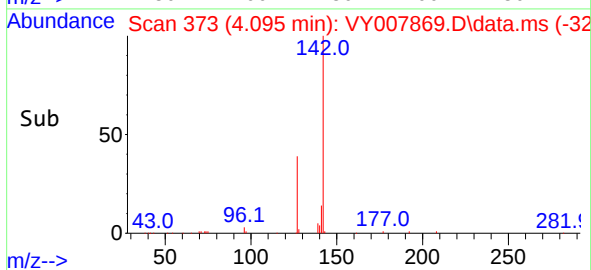
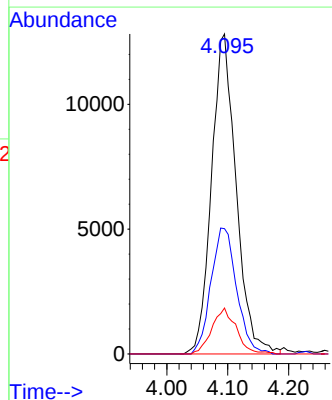
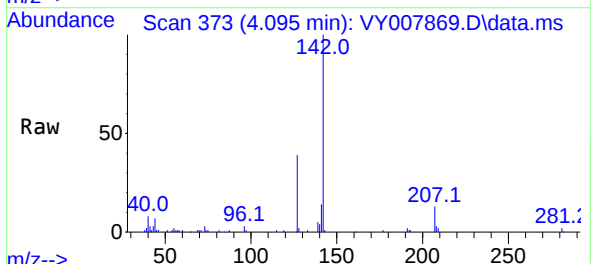
Manual Integrations
APPROVED

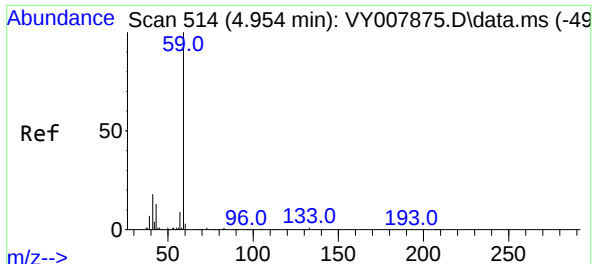
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Methyl Iodide
Concen: 8.808 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Tgt Ion:142 Resp: 35979
Ion Ratio Lower Upper
142 100
127 41.0 41.5 62.3#
141 14.3 11.9 17.9





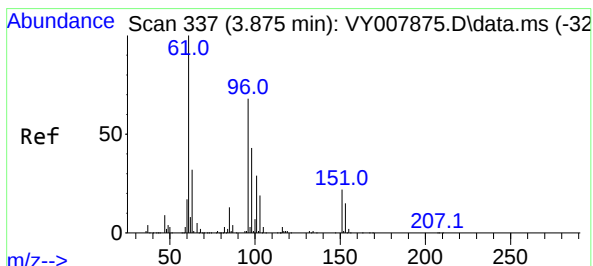
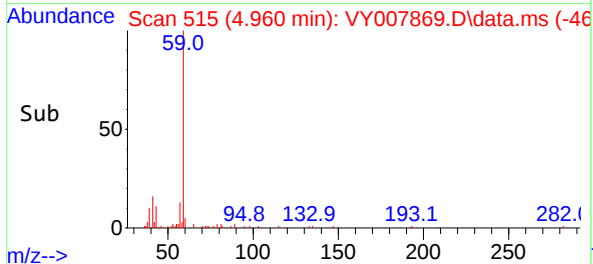
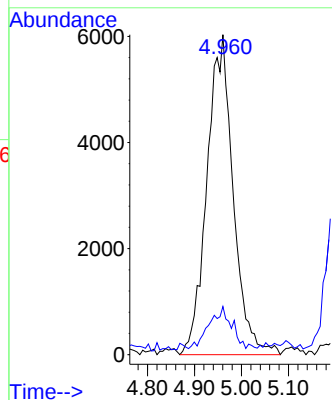
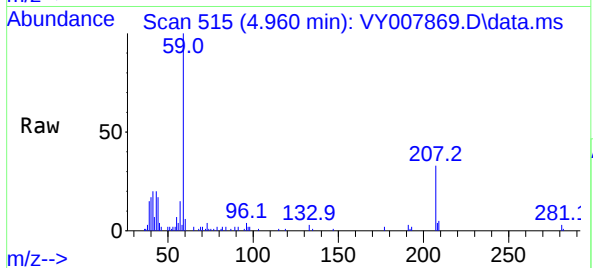
#11
Tert butyl alcohol
Concen: 80.532 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 2342
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6

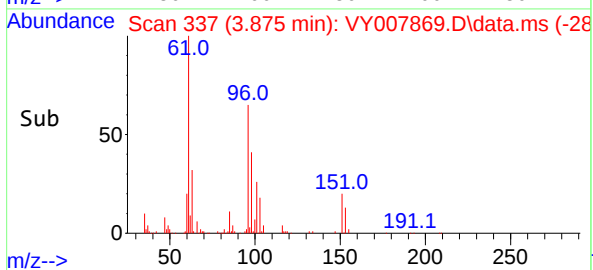
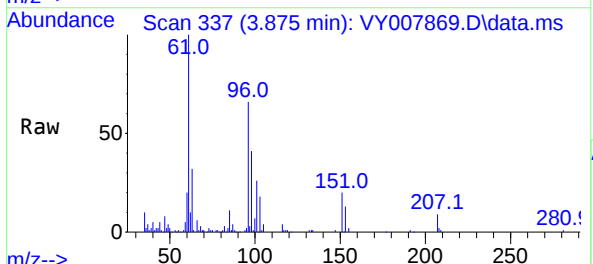
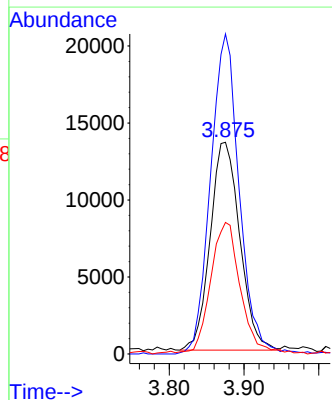
Manual Integrations
APPROVED

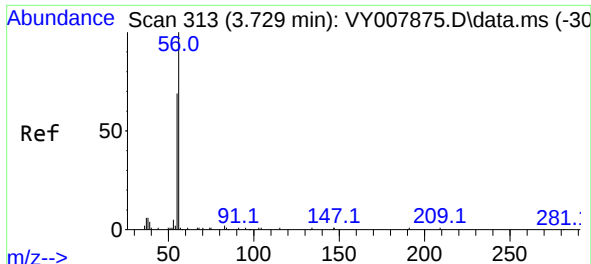
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1-Dichloroethene
Concen: 12.495 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

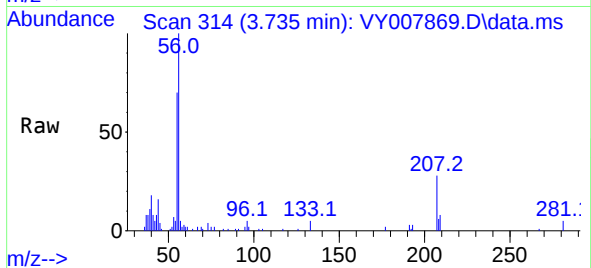
Tgt Ion: 96 Resp: 37234
Ion Ratio Lower Upper
96 100
61 153.4 145.8 218.6
98 62.3 52.5 78.7





#13
Acrolein
Concen: 62.357 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

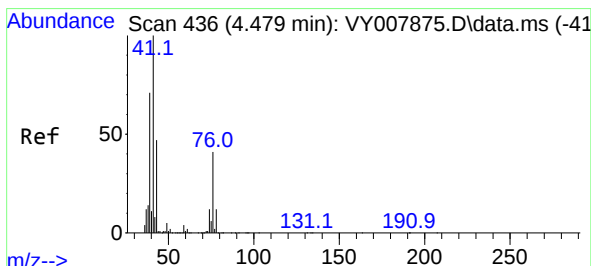
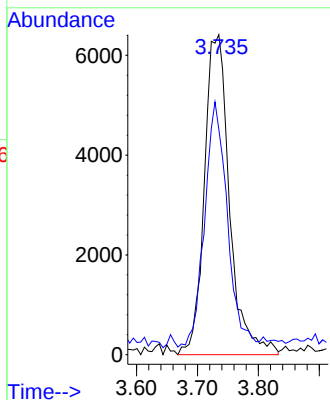
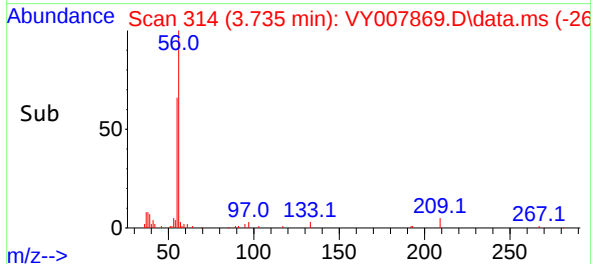
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



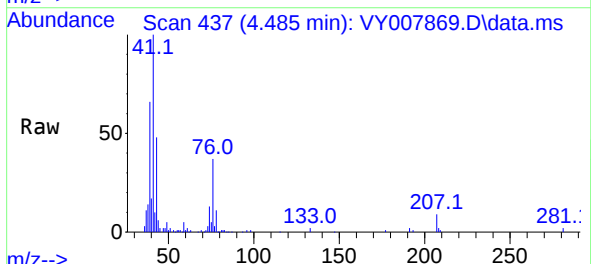
Tgt Ion: 56 Resp: 18432
Ion Ratio Lower Upper
56 100
55 68.8 57.6 86.4

Manual Integrations
APPROVED

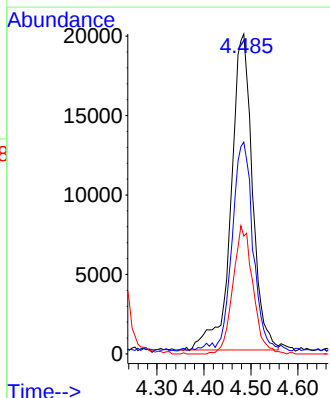
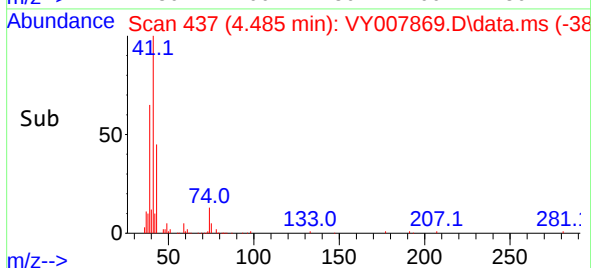
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

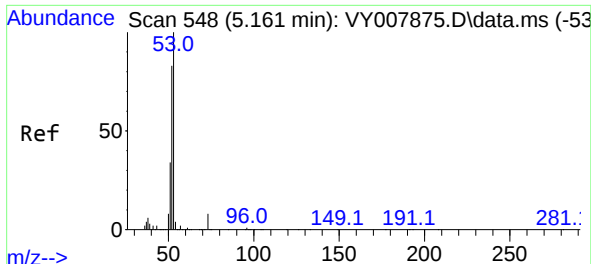


#14
Allyl chloride
Concen: 13.995 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



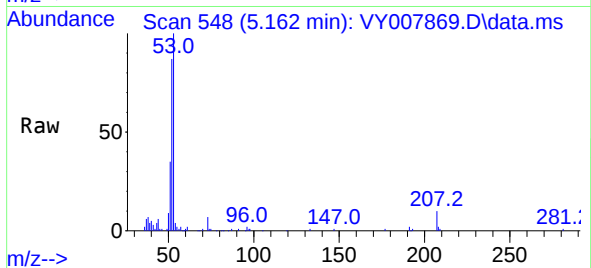
Tgt Ion: 41 Resp: 62725
Ion Ratio Lower Upper
41 100
39 64.2 58.8 88.2
76 38.0 25.1 37.7#





#15
Acrylonitrile
Concen: 66.516 ug/l
RT: 5.162 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

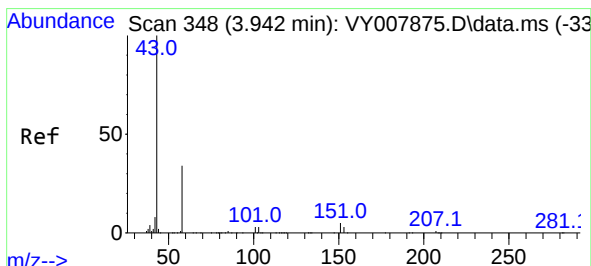
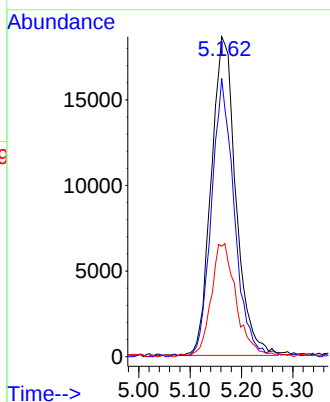
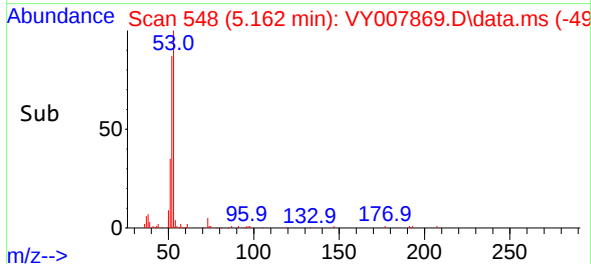
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



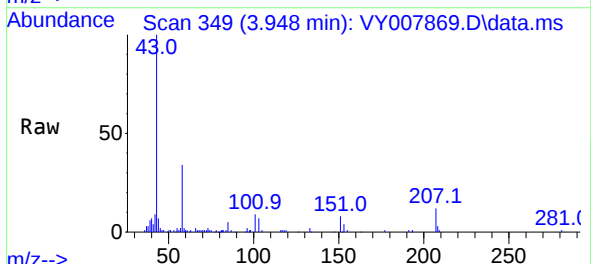
Tgt Ion: 53 Resp: 62139
Ion Ratio Lower Upper
53 100
52 79.5 67.0 100.4
51 36.5 29.8 44.6

Manual Integrations
APPROVED

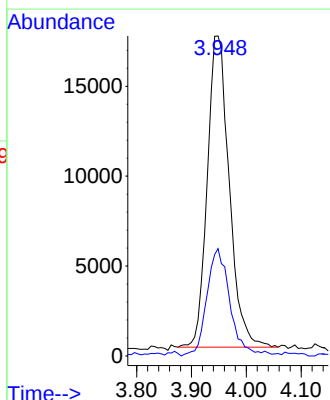
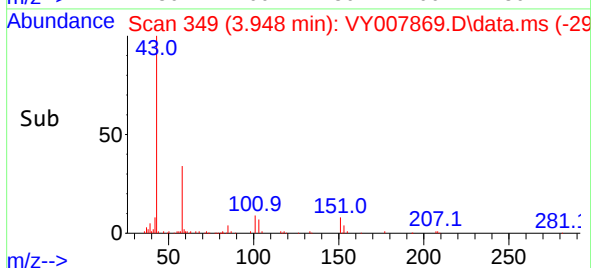
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

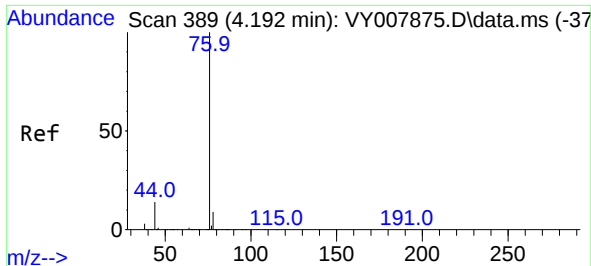


#16
Acetone
Concen: 70.502 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



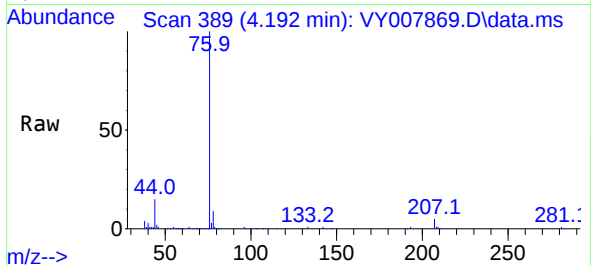
Tgt Ion: 43 Resp: 48181
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#17
Carbon Disulfide
Concen: 11.461 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

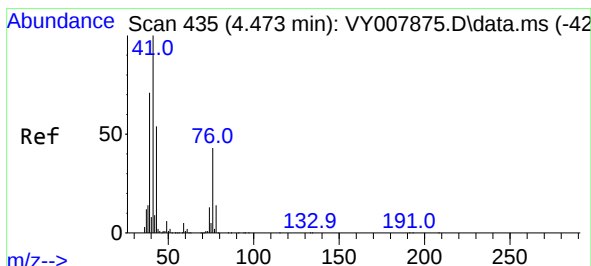
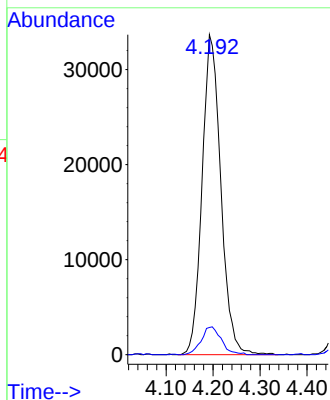
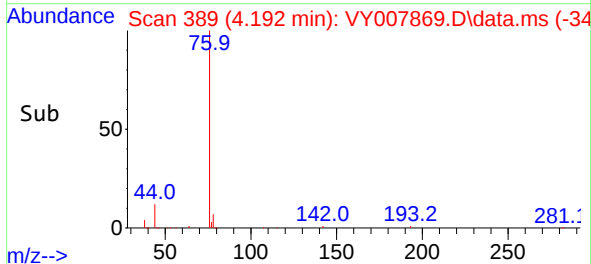
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



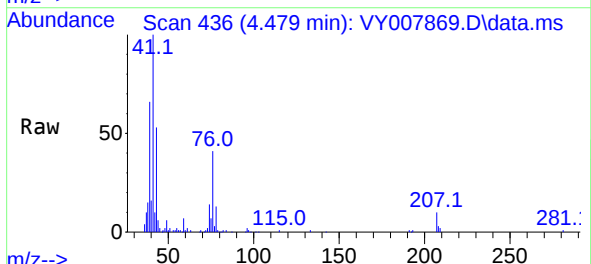
Tgt Ion: 76 Resp: 93038
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
APPROVED

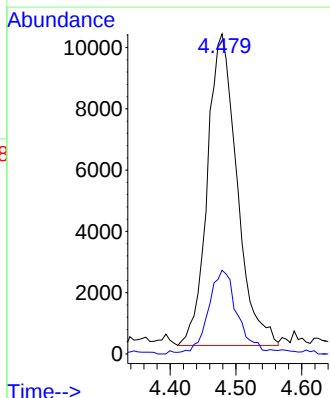
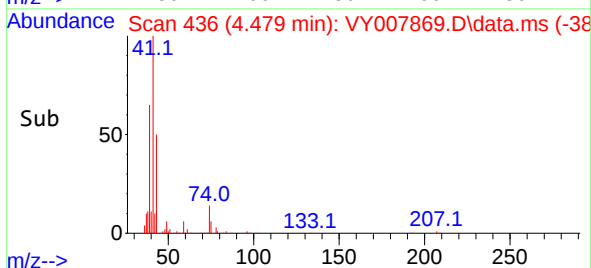
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

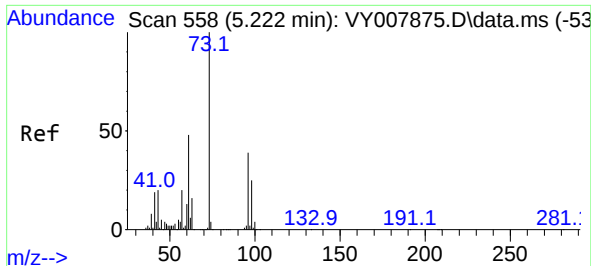


#18
Methyl Acetate
Concen: 13.569 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



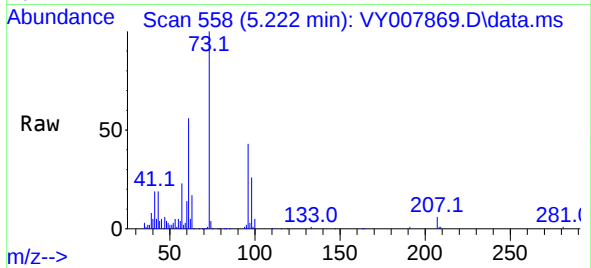
Tgt Ion: 43 Resp: 31941
Ion Ratio Lower Upper
43 100
74 24.9 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 12.582 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

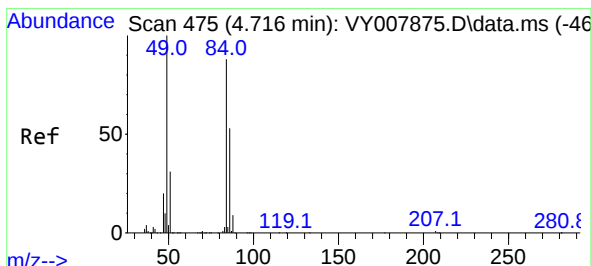
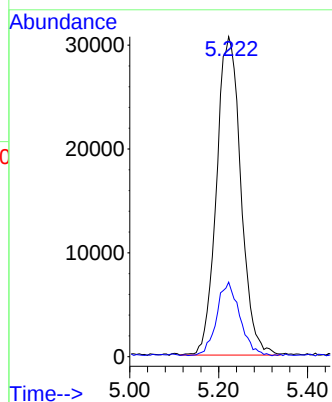
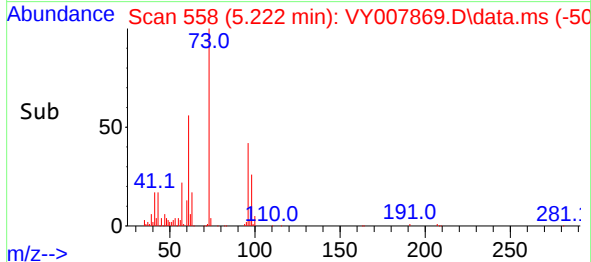
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



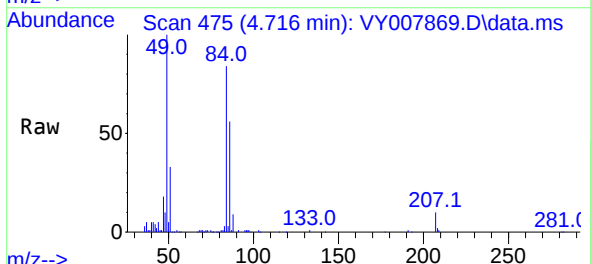
Tgt Ion: 73 Resp: 11636
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8

Manual Integrations
APPROVED

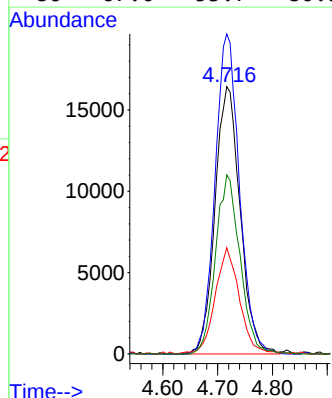
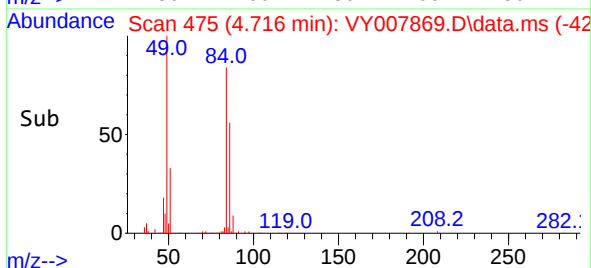
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

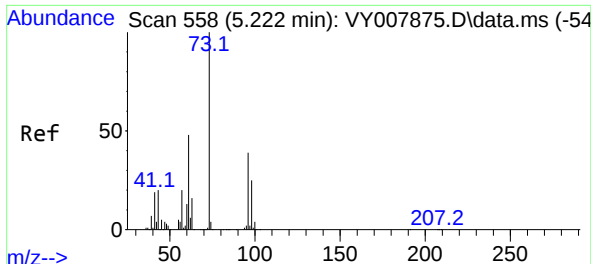


#20
Methylene Chloride
Concen: 13.789 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



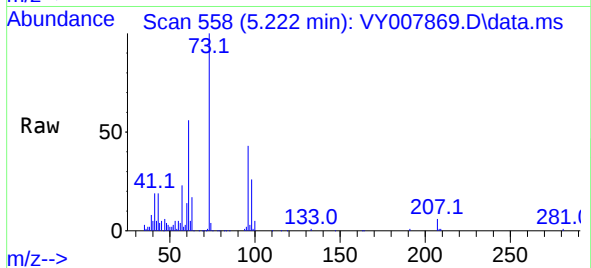
Tgt Ion: 84 Resp: 52426
Ion Ratio Lower Upper
84 100
49 119.7 114.4 171.6
51 39.5 35.3 52.9
86 67.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 12.050 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

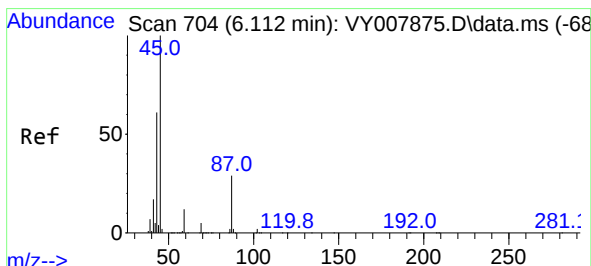
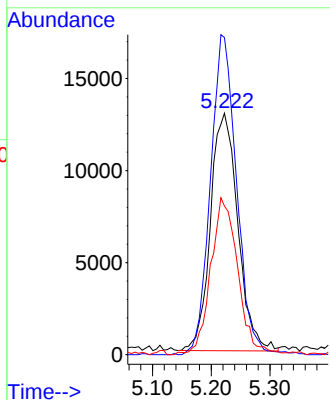
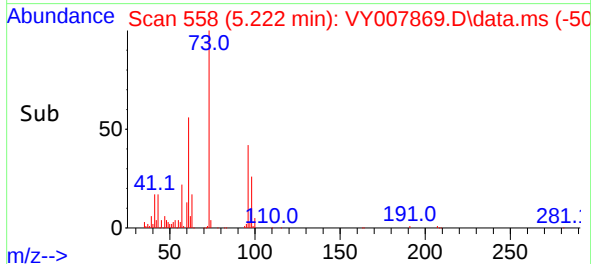
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



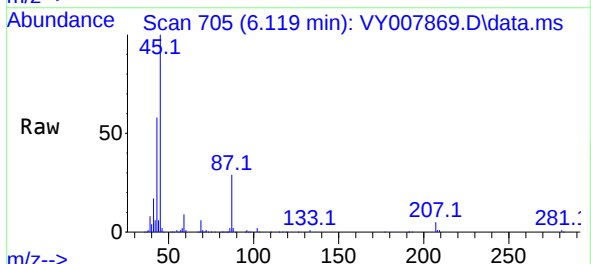
Tgt Ion: 96 Resp: 41899
Ion Ratio Lower Upper
96 100
61 133.6 120.5 180.7
98 61.6 49.8 74.8

Manual Integrations
APPROVED

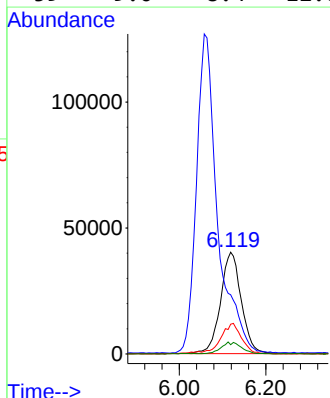
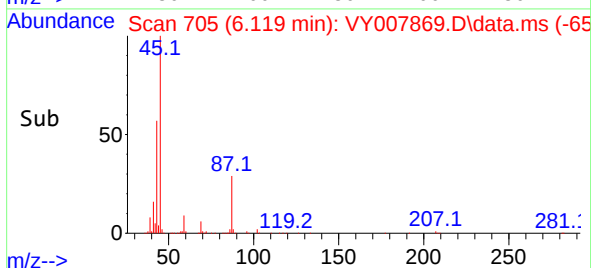
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

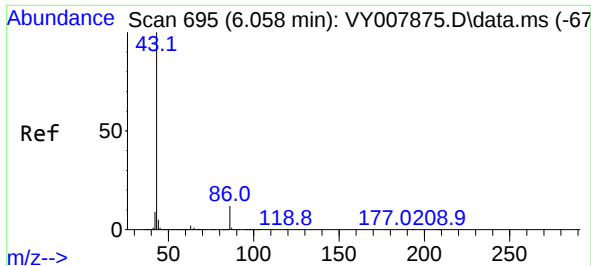


#22
Diisopropyl ether
Concen: 12.525 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



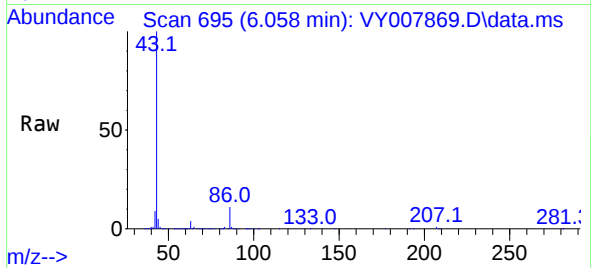
Tgt Ion: 45 Resp: 134104
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 29.2 19.2 28.8#
59 9.0 8.4 12.6





#23
 Vinyl Acetate
 Concen: 63.596 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44

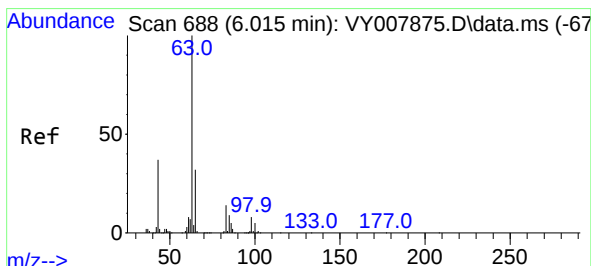
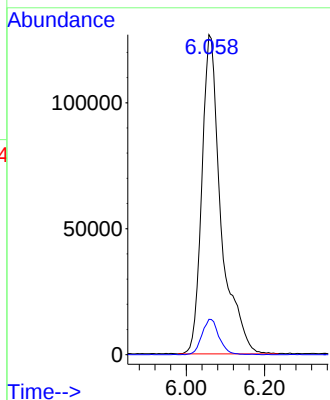
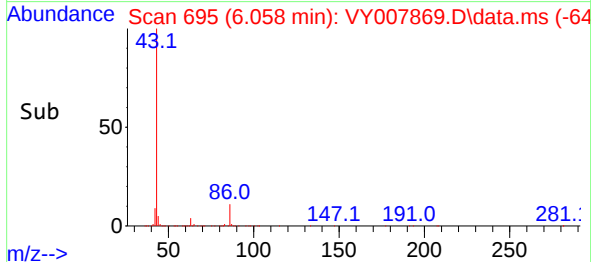
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



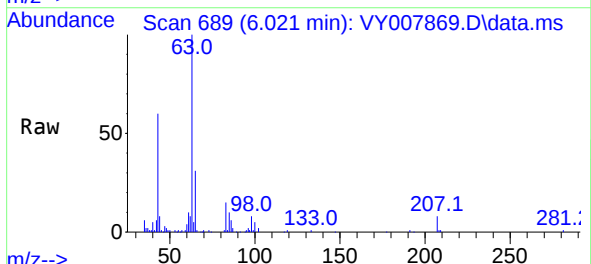
Tgt Ion: 43 Resp: 430610
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

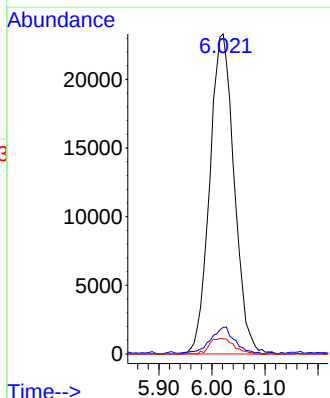
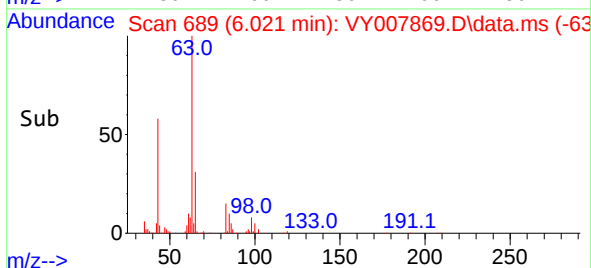
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

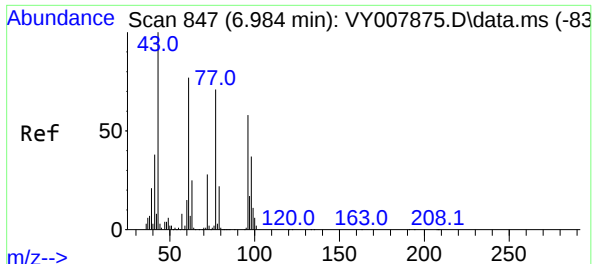


#24
 1,1-Dichloroethane
 Concen: 11.546 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44



Tgt Ion: 63 Resp: 74695
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 4.7 2.0 5.8





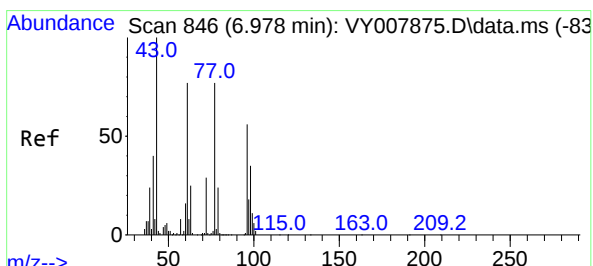
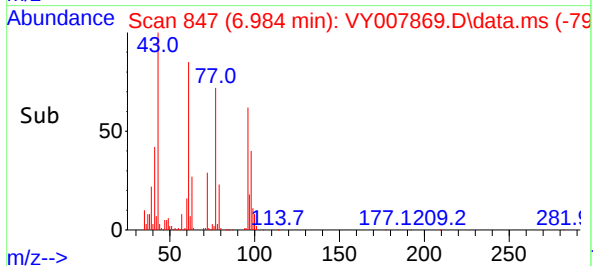
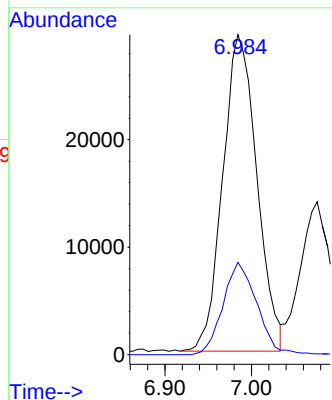
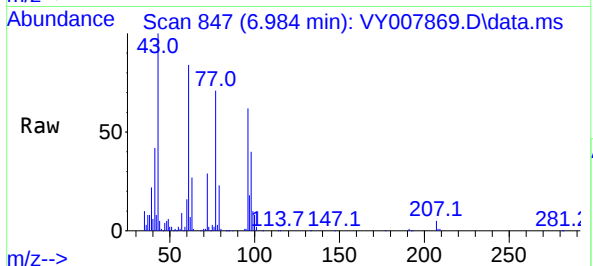
#25
2-Butanone
Concen: 70.332 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 80630
Ion Ratio Lower Upper
43 100
72 29.2 17.7 26.5

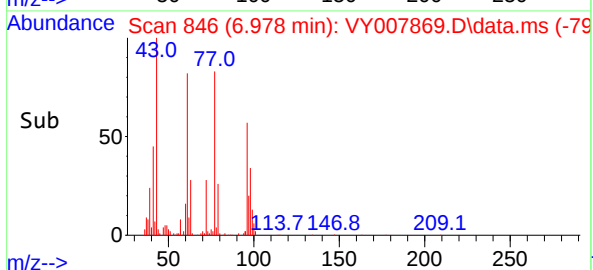
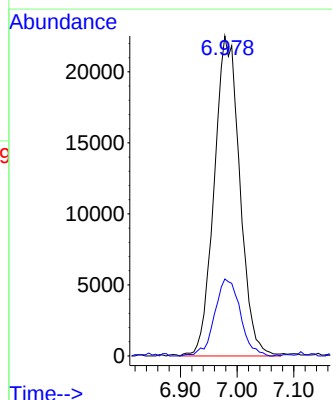
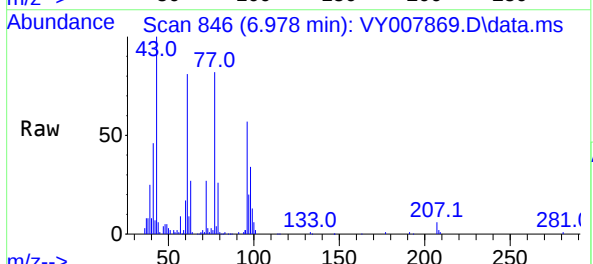
Manual Integrations
APPROVED

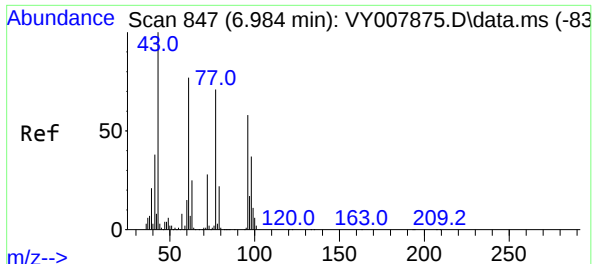
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
2,2-Dichloropropane
Concen: 12.240 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

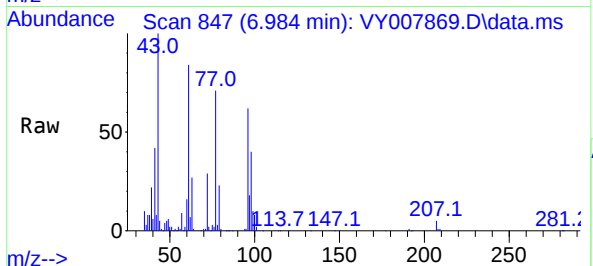
Tgt Ion: 77 Resp: 70471
Ion Ratio Lower Upper
77 100
97 24.2 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 12.273 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44

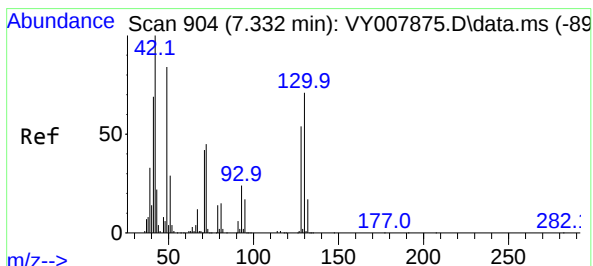
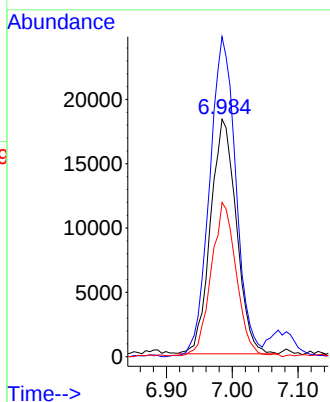
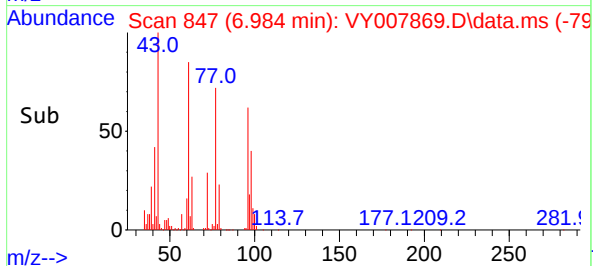
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



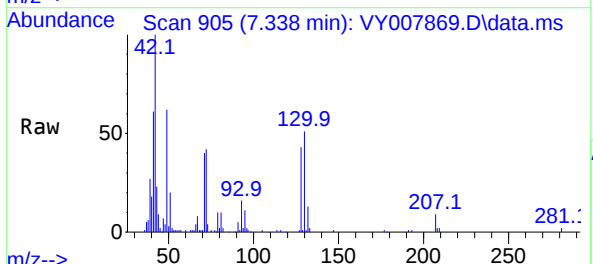
Tgt Ion: 96 Resp: 50039
 Ion Ratio Lower Upper
 96 100
 61 139.1 0.0 319.8
 98 64.5 0.0 127.0

Manual Integrations
 APPROVED

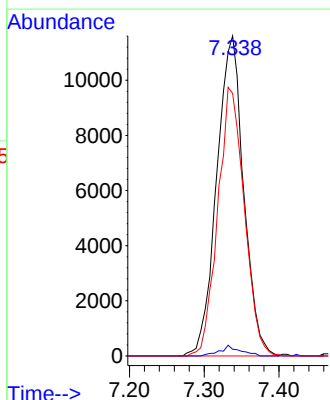
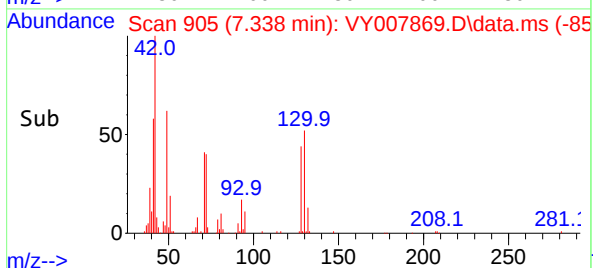
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

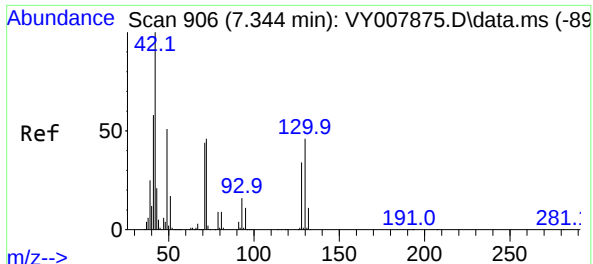


#28
 Bromochloromethane
 Concen: 10.573 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44



Tgt Ion: 49 Resp: 29090
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 82.3 55.4 83.0





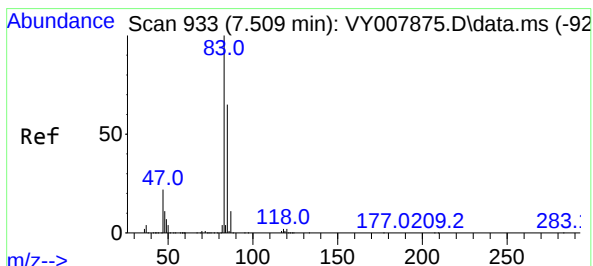
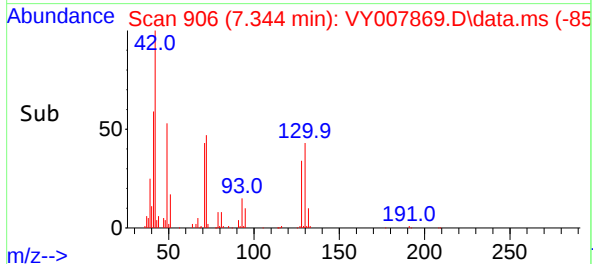
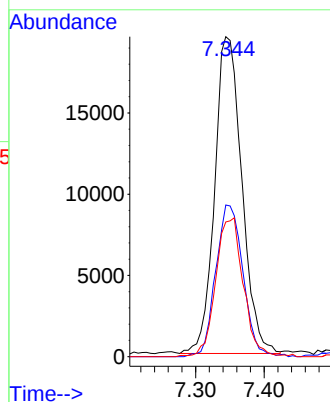
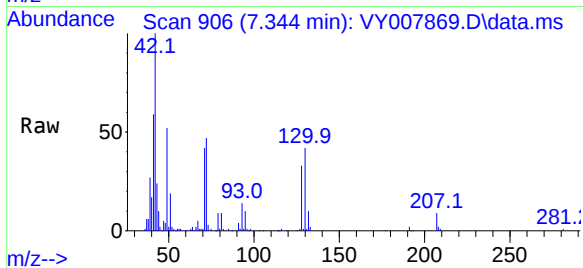
#29
Tetrahydrofuran
Concen: 68.476 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 53714
Ion Ratio Lower Upper
42 100
72 48.0 30.3 45.5
71 44.2 29.0 43.4

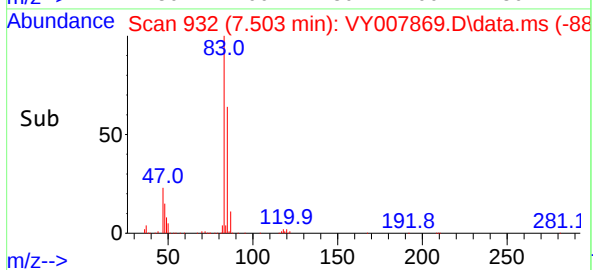
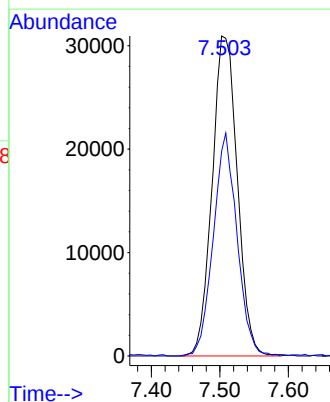
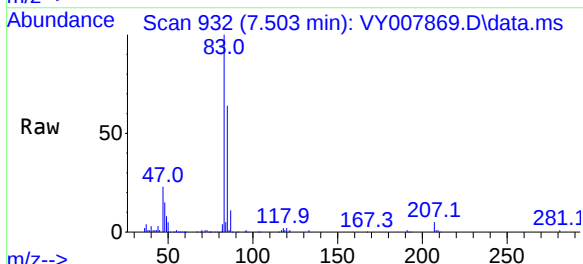
Manual Integrations
APPROVED

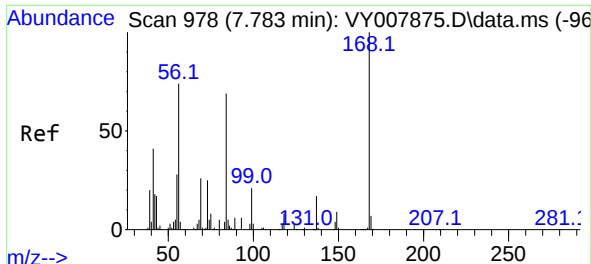
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#30
Chloroform
Concen: 11.795 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

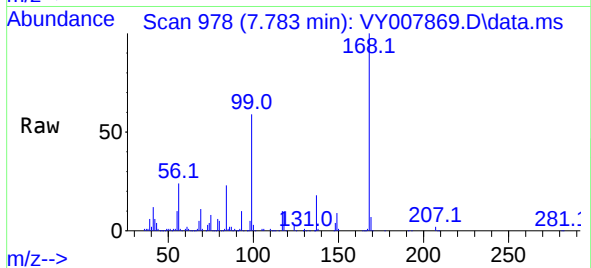
Tgt Ion: 83 Resp: 79053
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6





#31
Cyclohexane
Concen: 12.684 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

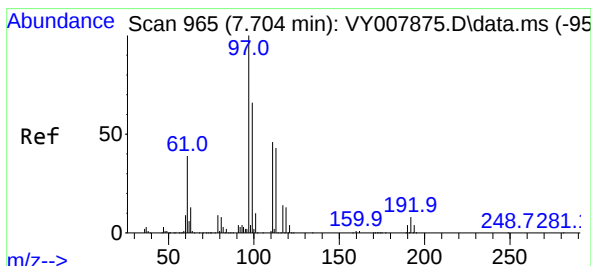
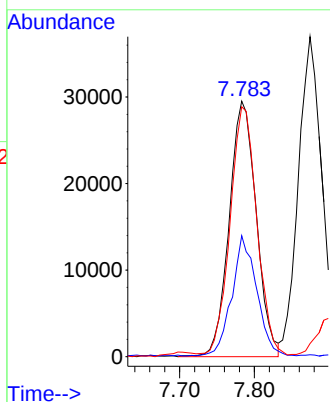
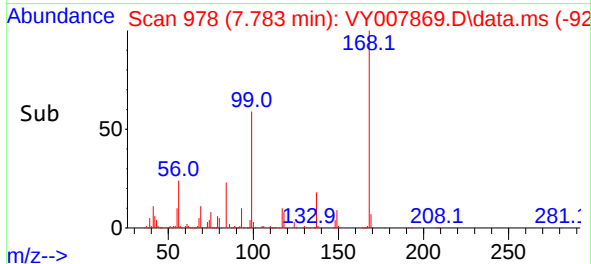
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



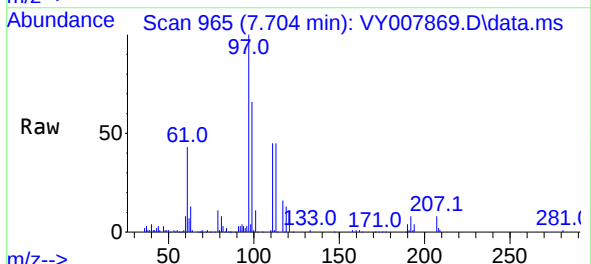
Tgt Ion: 56 Resp: 74454
Ion Ratio Lower Upper
56 100
69 46.7 26.7 40.1
84 96.0 67.2 100.8

Manual Integrations
APPROVED

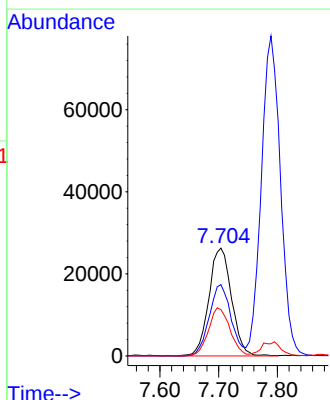
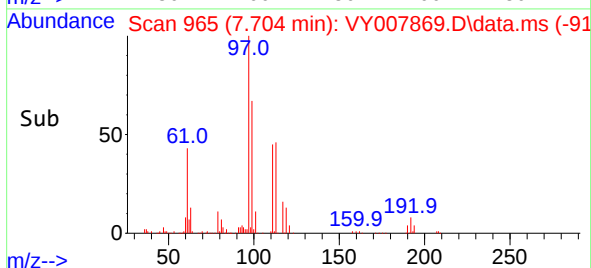
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

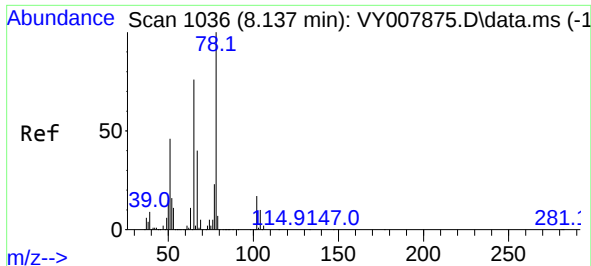


#32
1,1,1-Trichloroethane
Concen: 11.812 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 97 Resp: 70458
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 42.5 37.6 56.4





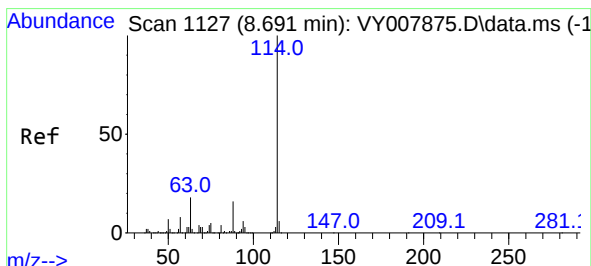
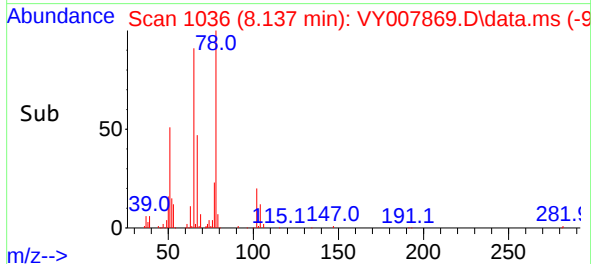
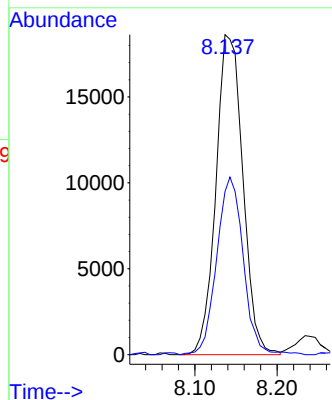
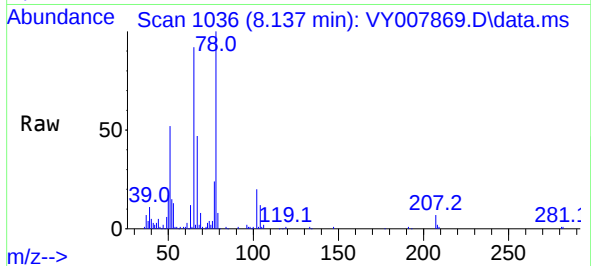
#33
1,2-Dichloroethane-d4
Concen: 12.618 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 42390
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4

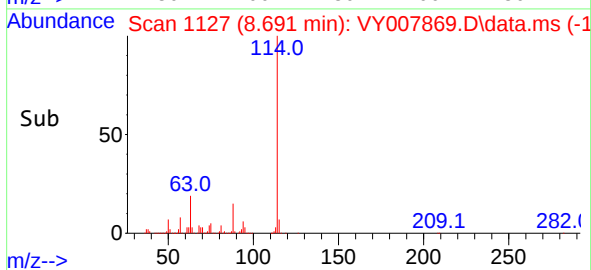
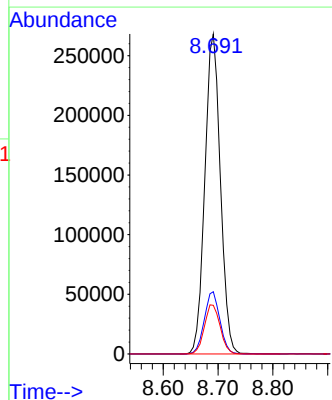
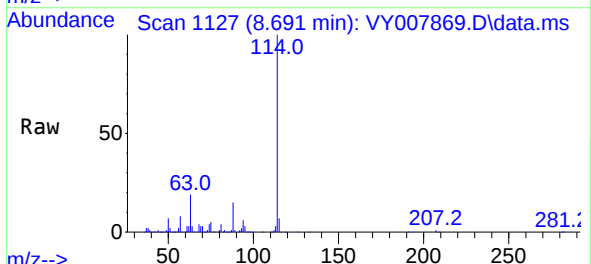
Manual Integrations
APPROVED

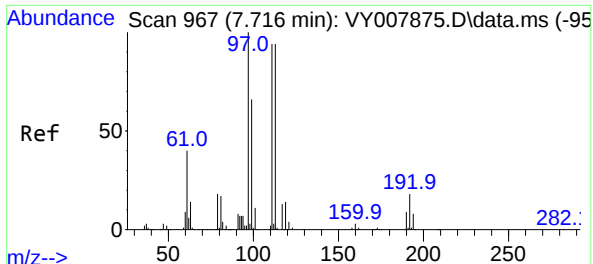
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Tgt Ion:114 Resp: 526396
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.2 0.0 31.8





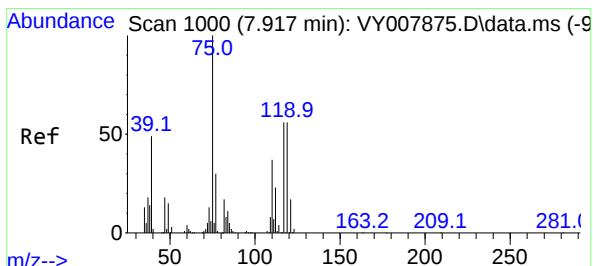
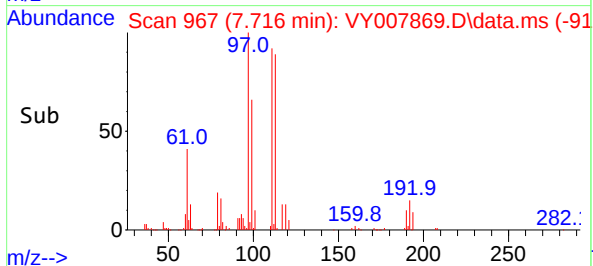
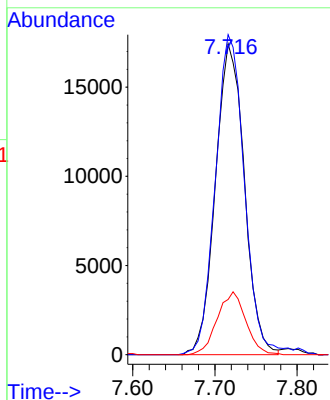
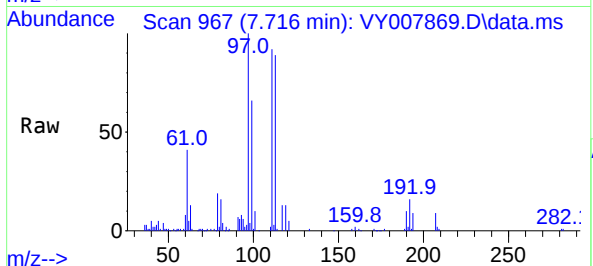
#35
Dibromofluoromethane
Concen: 12.658 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:113 Resp: 42599
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 20.0 17.6 26.4

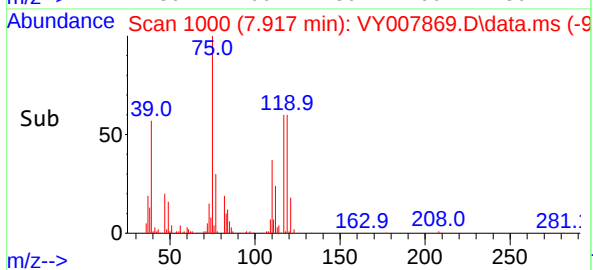
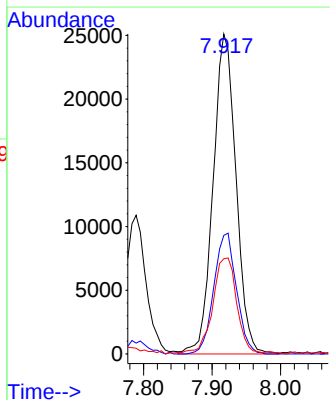
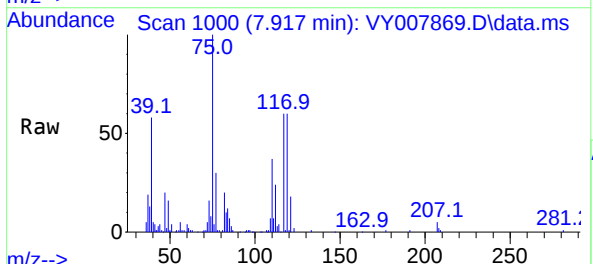
Manual Integrations
APPROVED

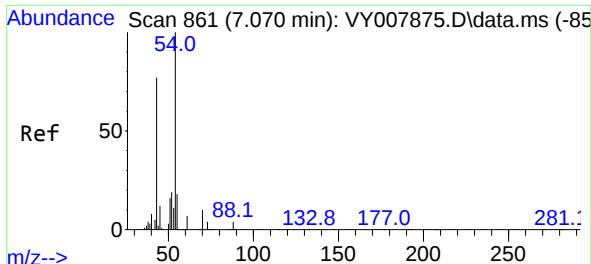
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
1,1-Dichloropropene
Concen: 10.991 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

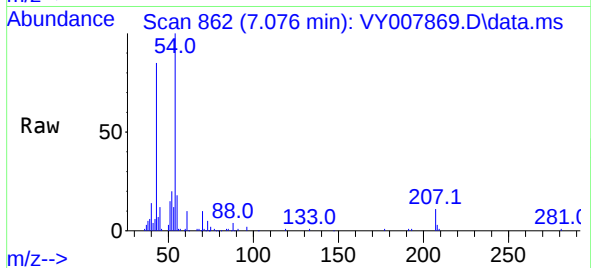
Tgt Ion: 75 Resp: 58190
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 12.681 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

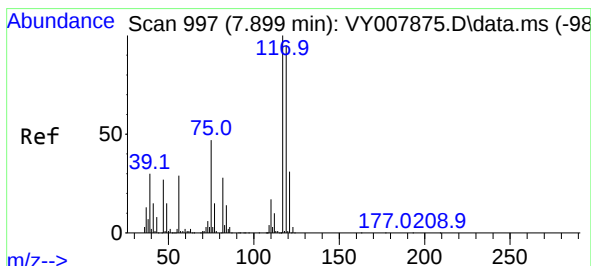
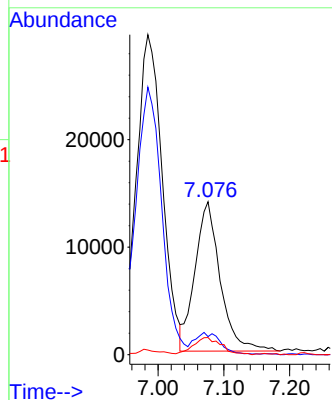
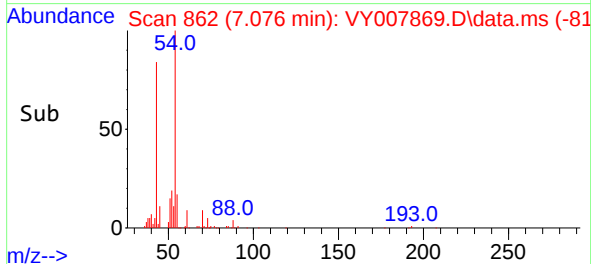
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 37079
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 12.7 7.1 10.7

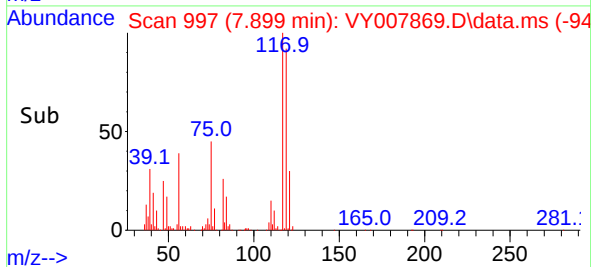
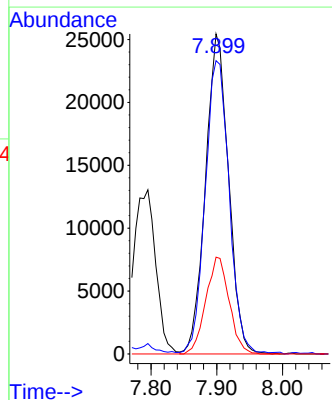
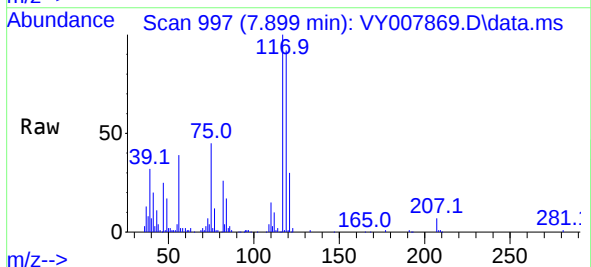
Manual Integrations
APPROVED

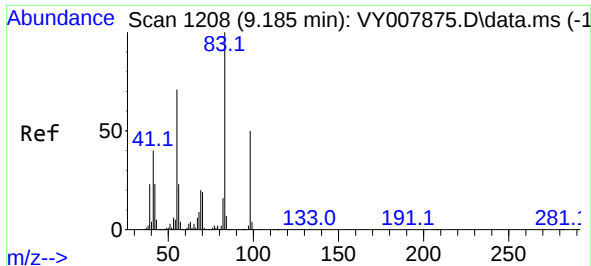
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 11.005 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Tgt Ion:117 Resp: 62151
Ion Ratio Lower Upper
117 100
119 91.1 77.9 116.9
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 11.761 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

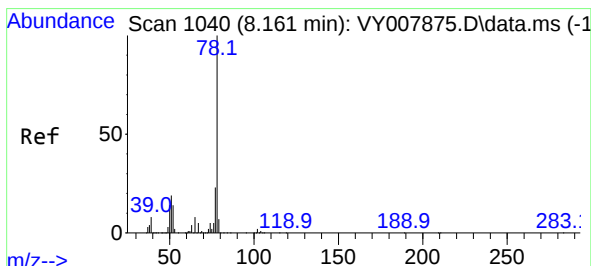
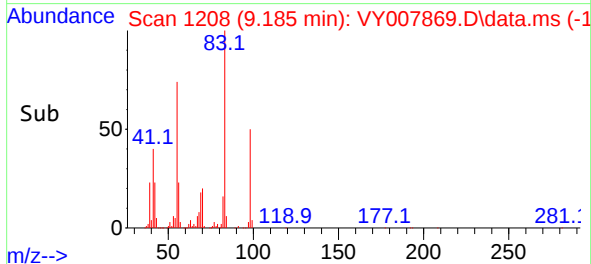
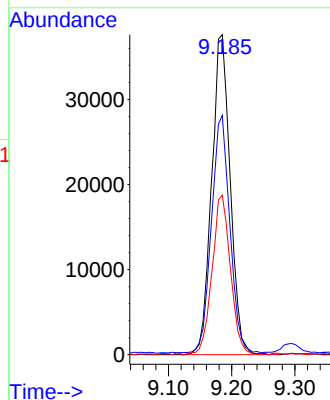
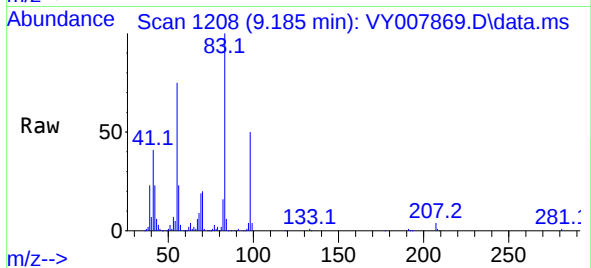
Tgt Ion: 83	Resp: 76519
Ion Ratio	Lower Upper
83 100	
55 74.1	66.5 99.7
98 49.5	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 11.614 ug/l

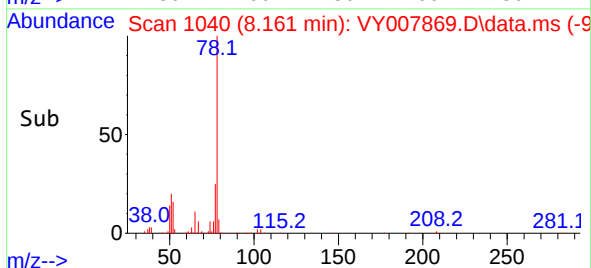
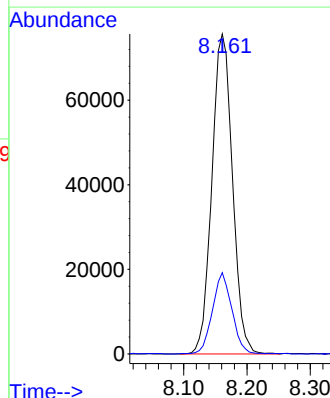
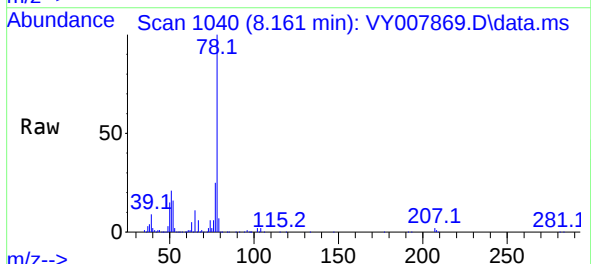
RT: 8.161 min Scan# 1040

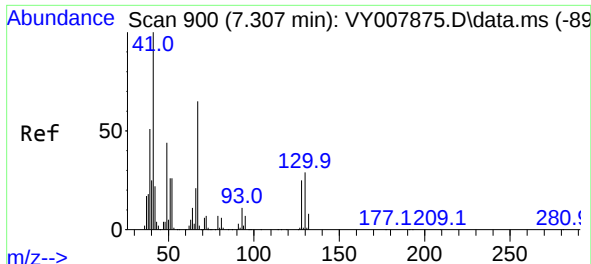
Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

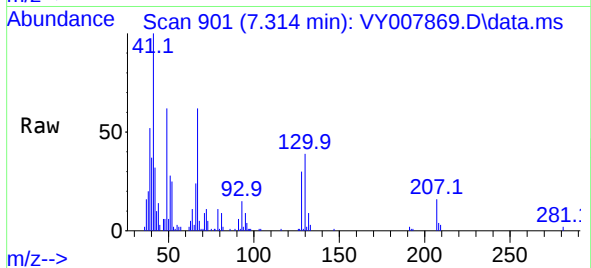
Tgt Ion: 78	Resp: 171122
Ion Ratio	Lower Upper
78 100	
77 25.3	20.4 30.6





#41
Methacrylonitrile
Concen: 15.622 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

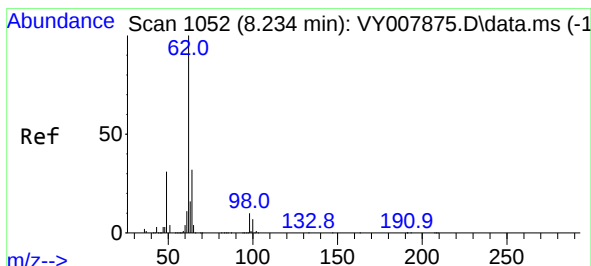
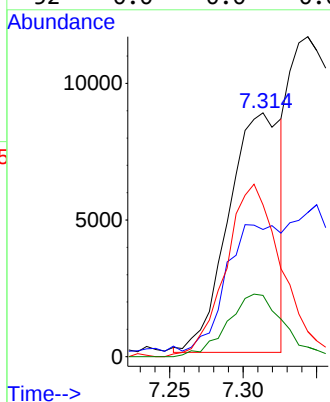
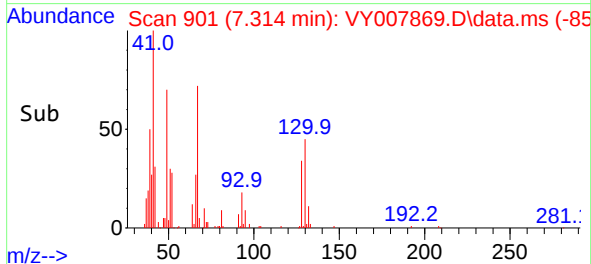
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



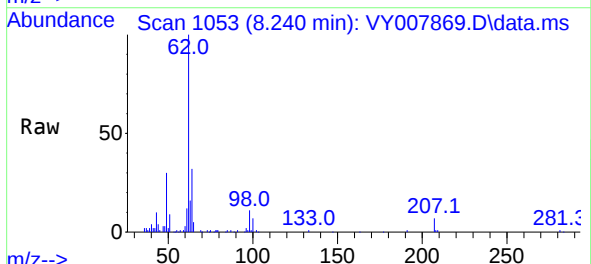
Tgt Ion: 41 Resp: 21829
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

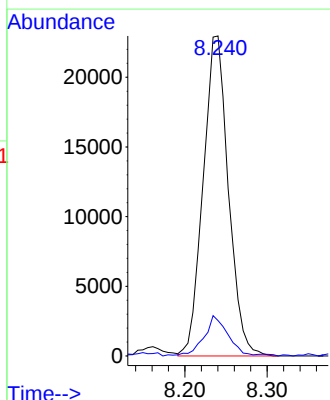
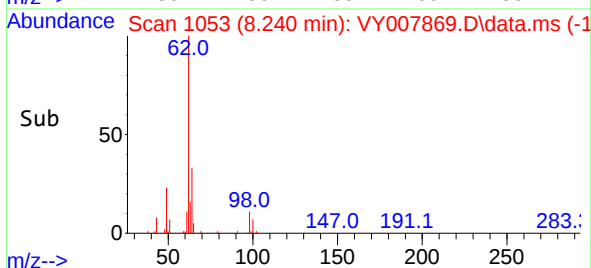
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

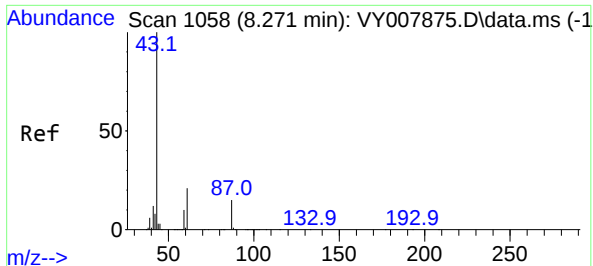


#42
1,2-Dichloroethane
Concen: 10.669 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 62 Resp: 49049
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 12.682 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 6857

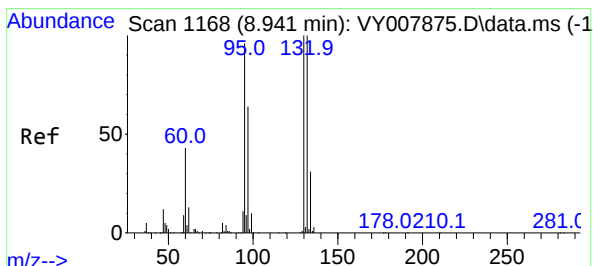
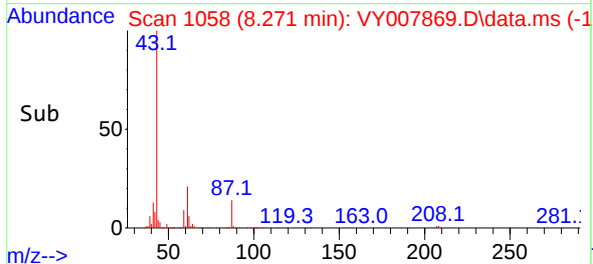
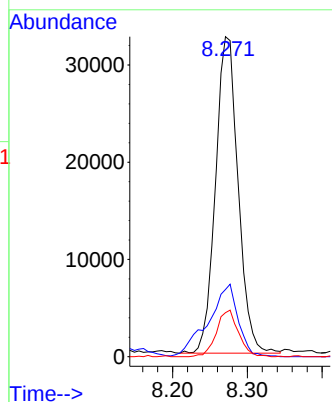
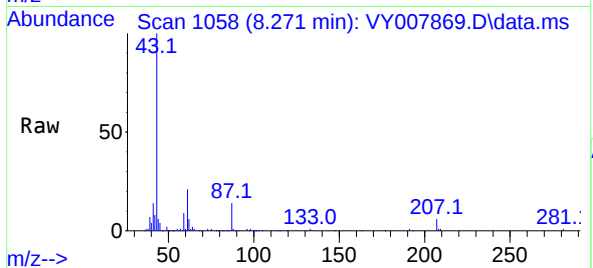
Ion	Ratio	Lower	Upper
43	100		
61	30.3	20.2	30.2
87	14.3	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#44

Trichloroethene

Concen: 11.494 ug/l

RT: 8.941 min Scan# 1168

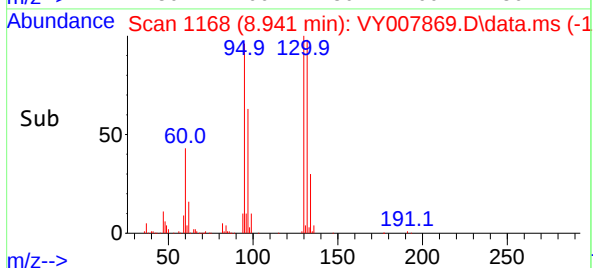
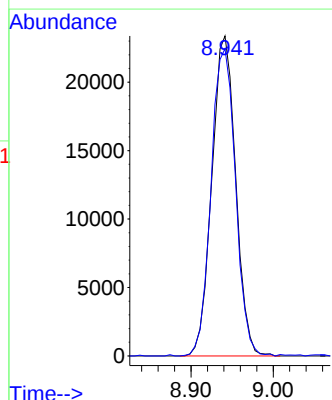
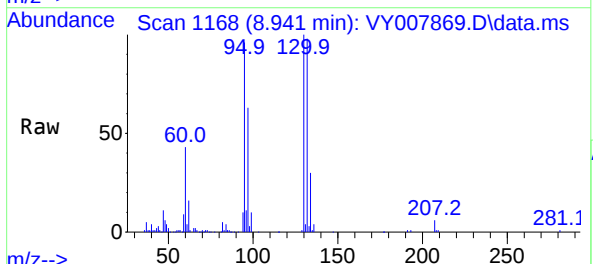
Delta R.T. 0.000 min

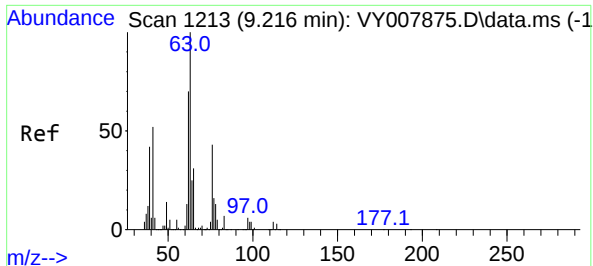
Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

Tgt Ion:130 Resp: 47035

Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	188.2





#45

1,2-Dichloropropane

Concen: 11.688 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 44534

Ion Ratio Lower Upper

63 100

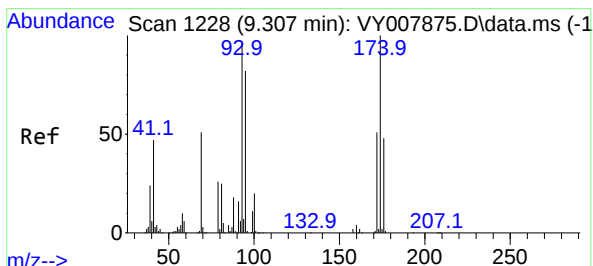
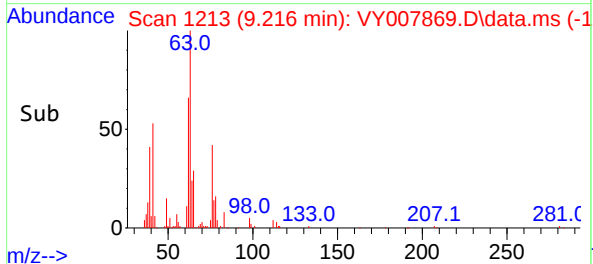
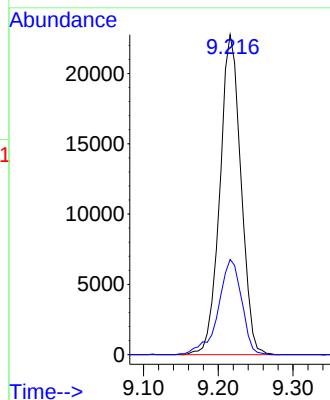
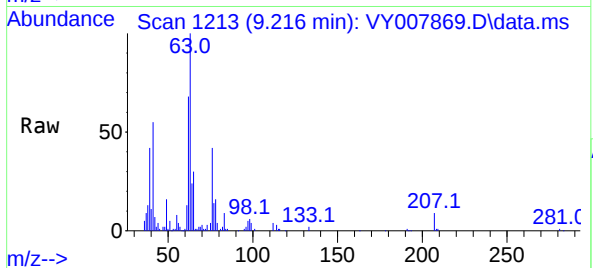
65 29.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

Dibromomethane

Concen: 11.058 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007869.D

Acq: 17 Mar 2022 10:44

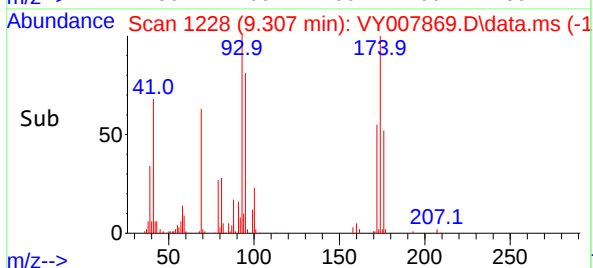
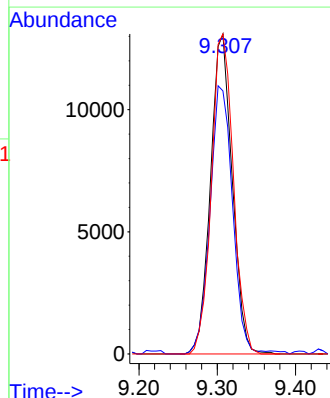
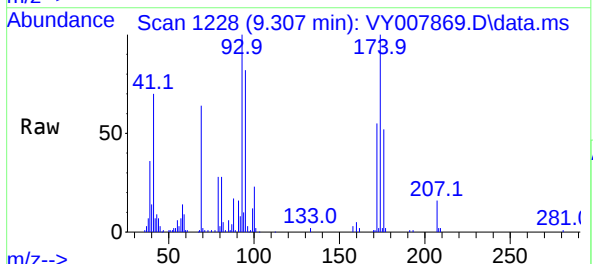
Tgt Ion: 93 Resp: 25290

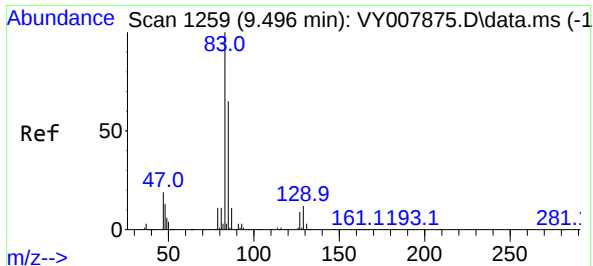
Ion Ratio Lower Upper

93 100

95 86.7 64.3 96.5

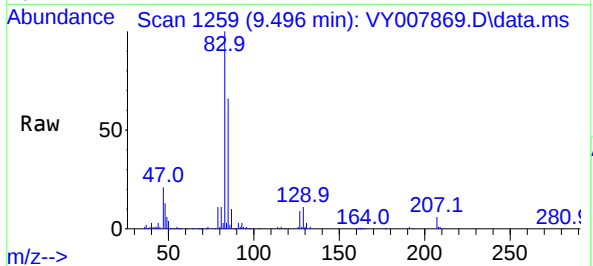
174 100.8 83.4 125.0





#47
Bromodichloromethane
Concen: 11.517 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

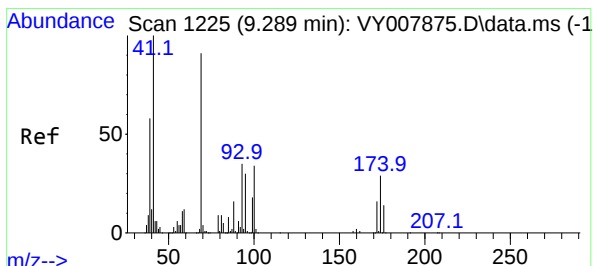
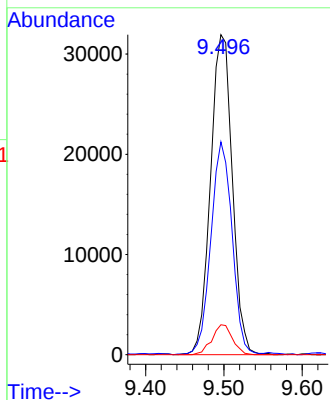
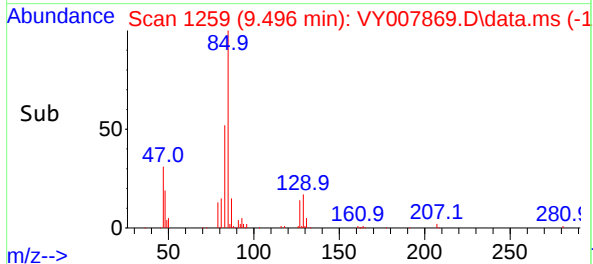
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



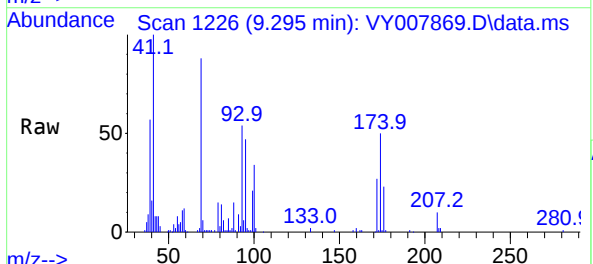
Tgt Ion: 83 Resp: 61783
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9
127 9.3 6.6 10.0

Manual Integrations
APPROVED

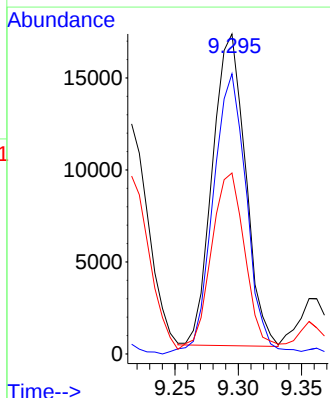
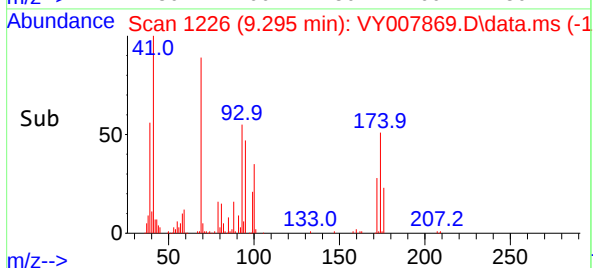
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

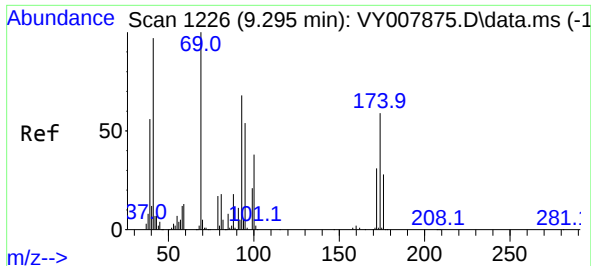


#48
Methyl methacrylate
Concen: 13.098 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



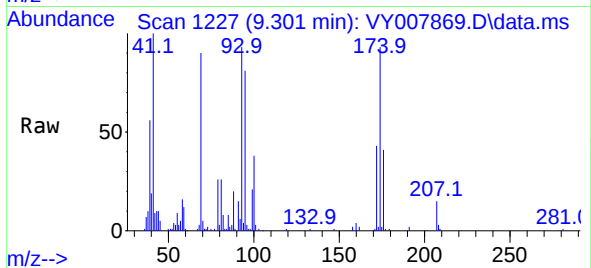
Tgt Ion: 41 Resp: 30700
Ion Ratio Lower Upper
41 100
69 91.6 58.2 87.2#
39 57.6 47.4 71.0





#49
1,4-Dioxane
Concen: 256.560 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

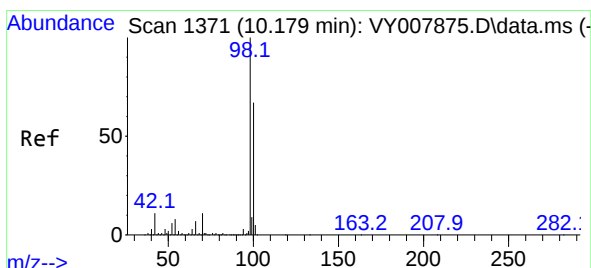
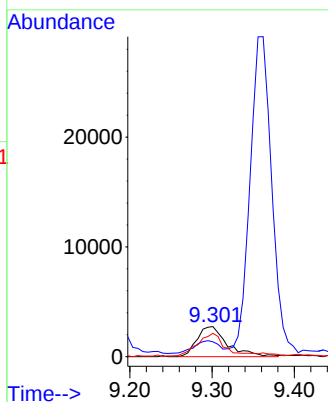
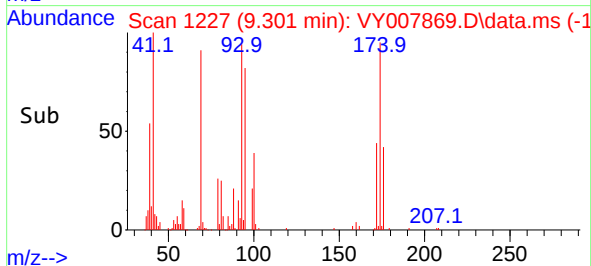
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



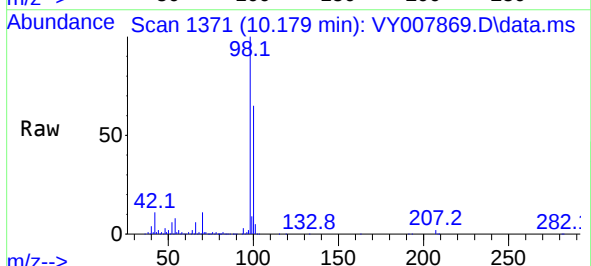
Tgt Ion: 88 Resp: 7084
Ion Ratio Lower Upper
88 100
43 33.7 32.8 49.2
58 72.5 59.8 89.6

Manual Integrations
APPROVED

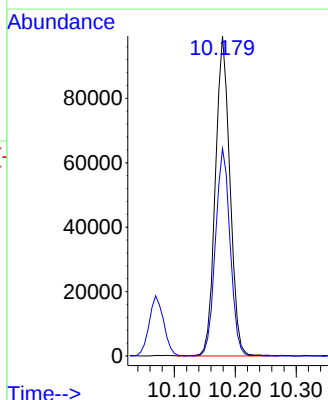
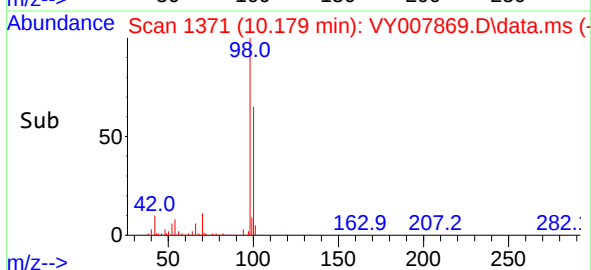
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

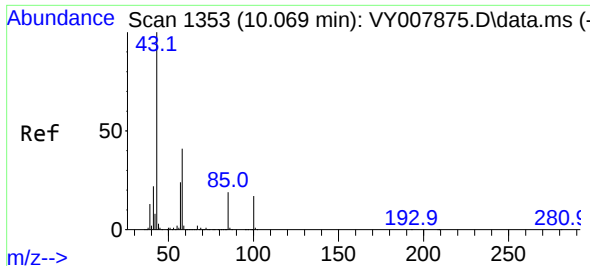


#50
Toluene-d8
Concen: 13.326 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



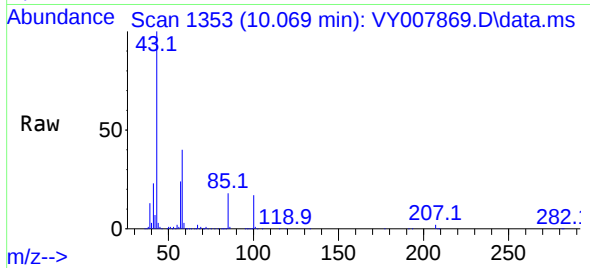
Tgt Ion: 98 Resp: 165086
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 62.488 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

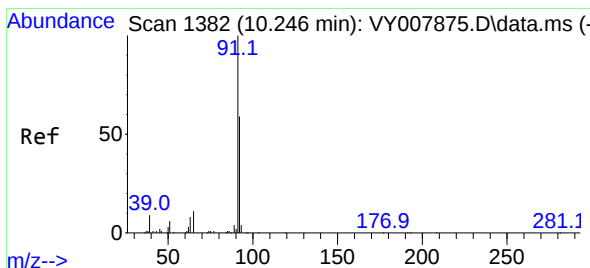
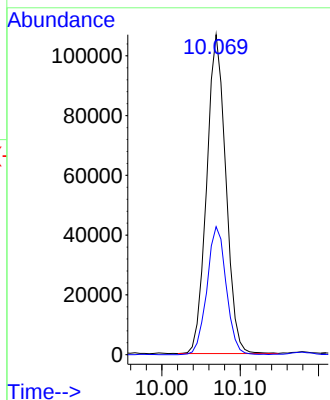
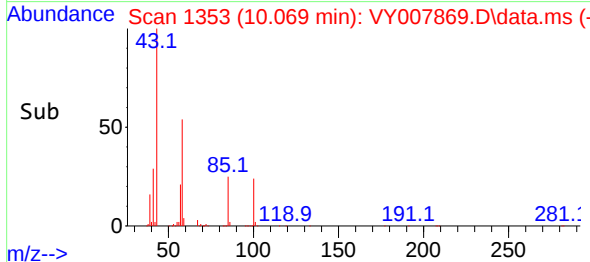
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



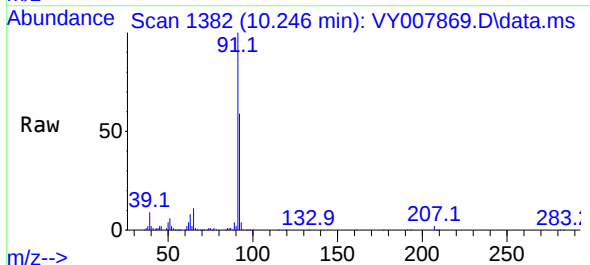
Tgt Ion: 43 Resp: 180802
Ion Ratio Lower Upper
43 100
58 40.4 28.1 42.1

Manual Integrations
APPROVED

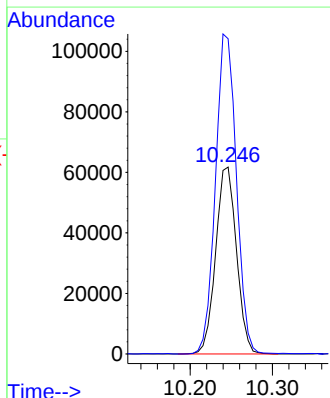
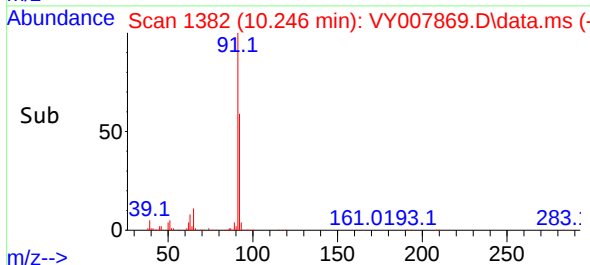
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

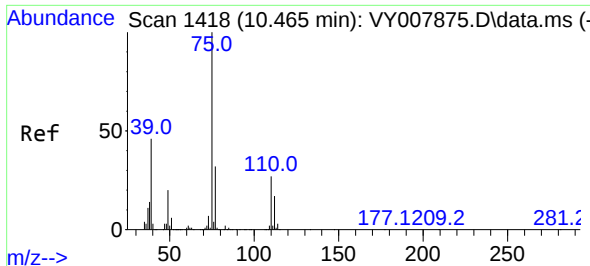


#52
Toluene
Concen: 11.390 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 92 Resp: 108510
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





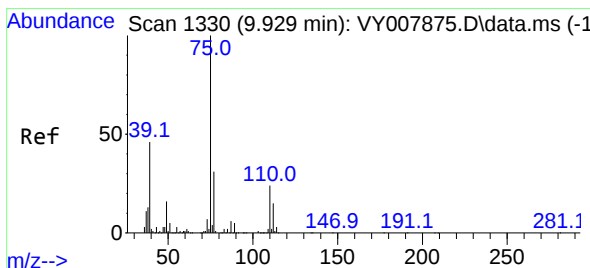
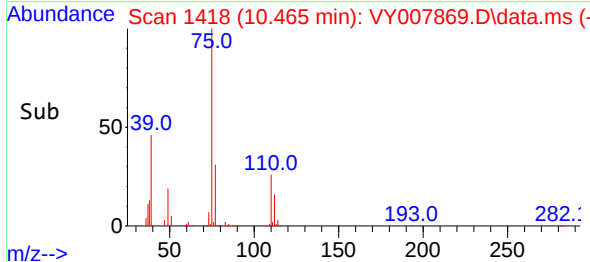
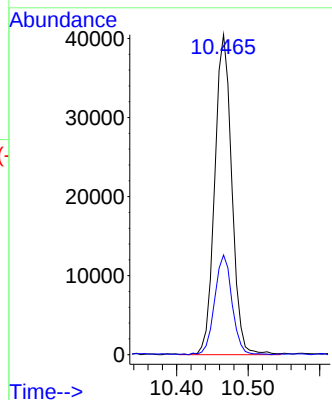
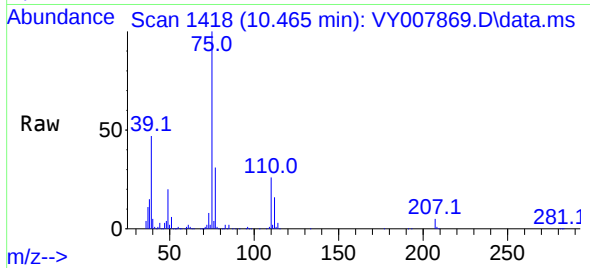
#53
t-1,3-Dichloropropene
Concen: 12.186 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 75 Resp: 67110
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

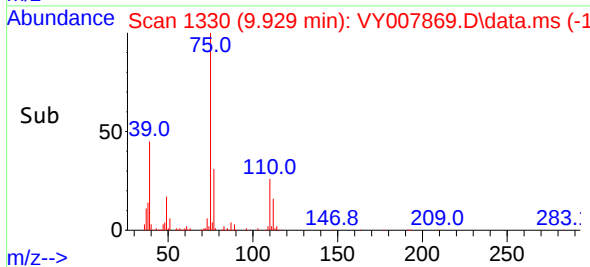
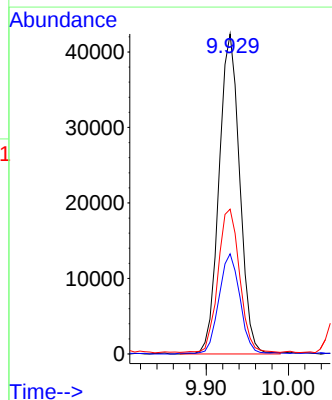
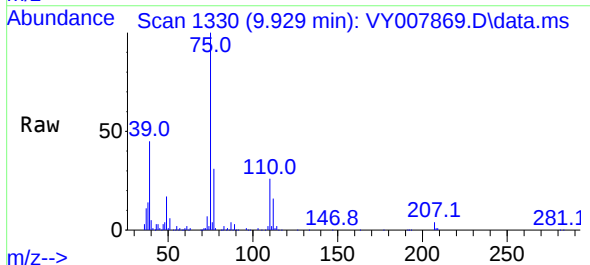
Manual Integrations
APPROVED

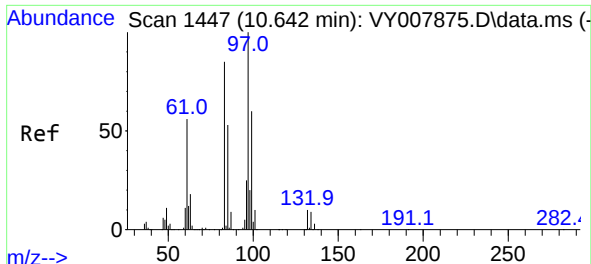
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
cis-1,3-Dichloropropene
Concen: 12.158 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

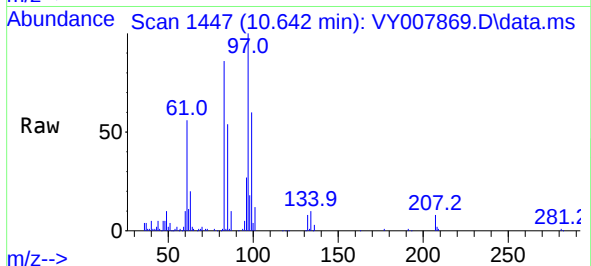
Tgt Ion: 75 Resp: 73979
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 44.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 12.198 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

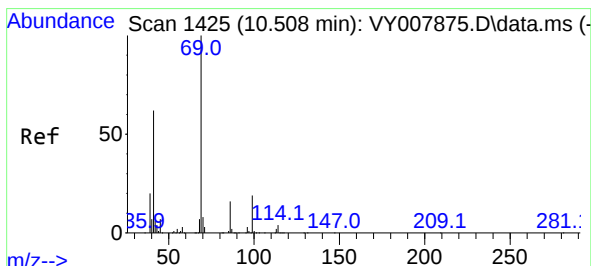
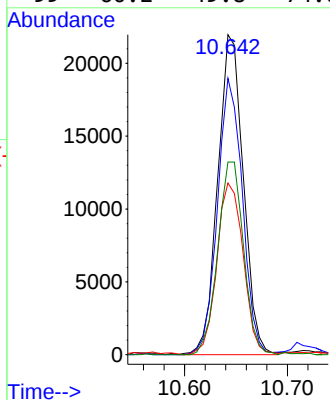
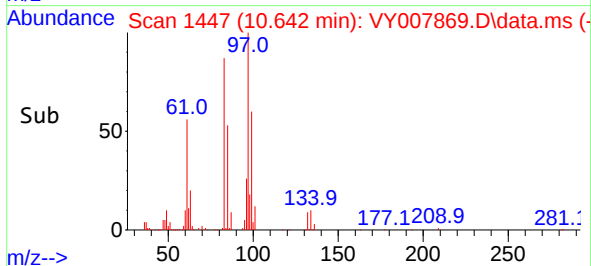
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



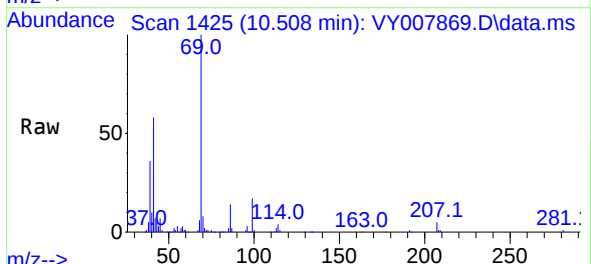
Tgt Ion: 97 Resp: 37954
Ion Ratio Lower Upper
97 100
83 86.3 69.8 104.8
85 53.4 44.3 66.5
99 60.2 49.8 74.6

Manual Integrations
APPROVED

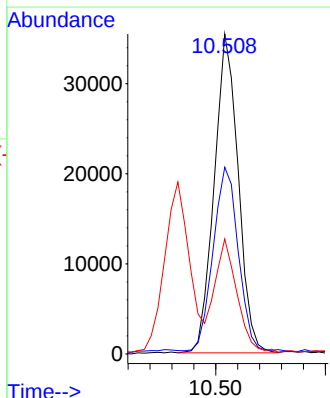
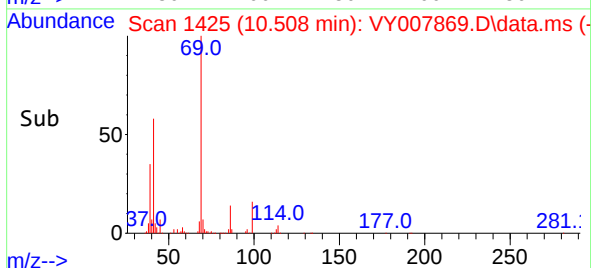
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

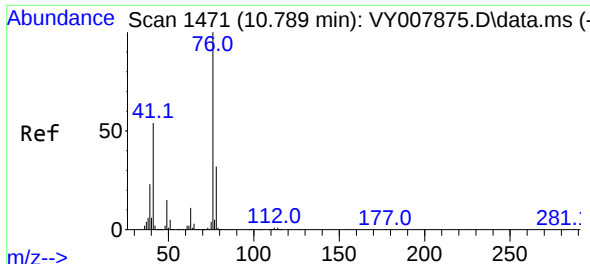


#56
Ethyl methacrylate
Concen: 13.032 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



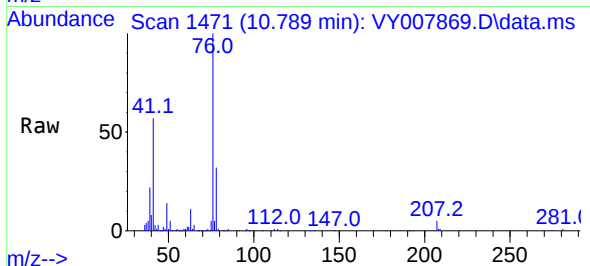
Tgt Ion: 69 Resp: 53835
Ion Ratio Lower Upper
69 100
41 60.7 63.4 95.0#
39 32.0 35.8 53.8#





#57
1,3-Dichloropropane
Concen: 11.912 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

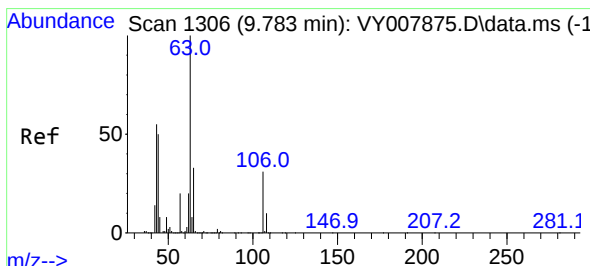
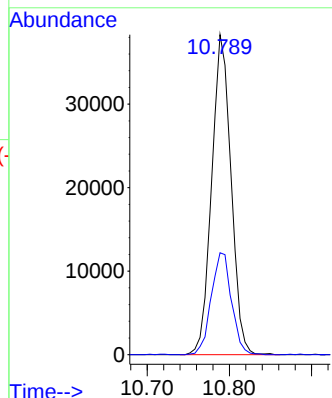
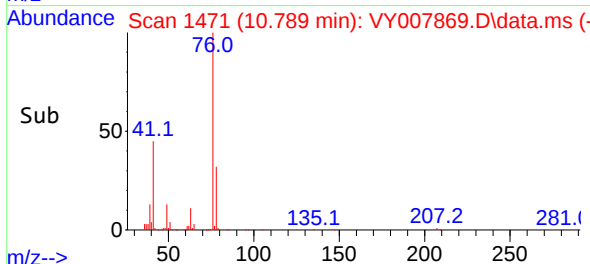
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



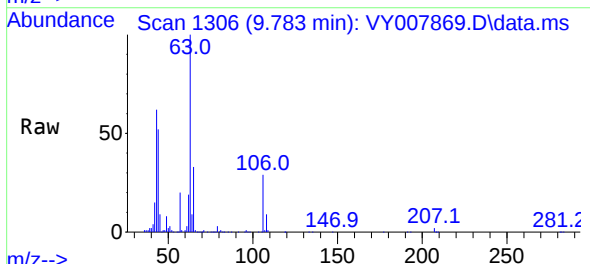
Tgt Ion: 76 Resp: 62679
Ion Ratio Lower Upper
76 100
78 33.4 25.0 37.6

Manual Integrations
APPROVED

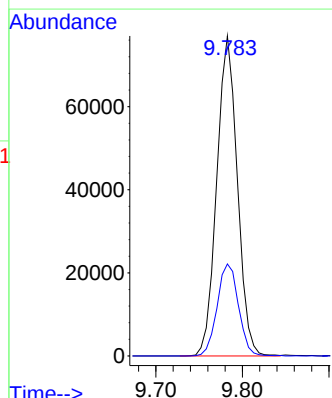
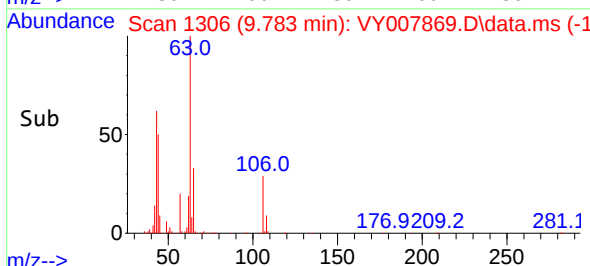
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

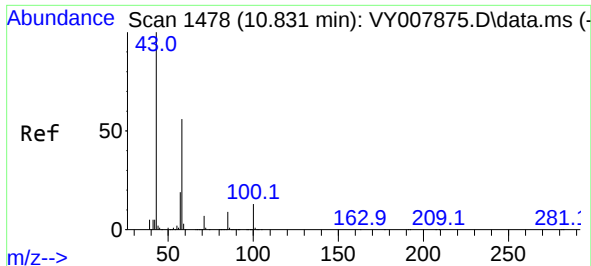


#58
2-Chloroethyl Vinyl ether
Concen: 56.409 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



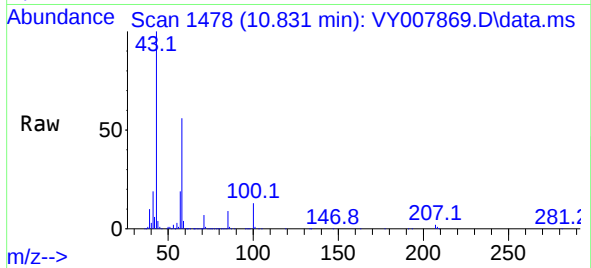
Tgt Ion: 63 Resp: 127080
Ion Ratio Lower Upper
63 100
106 29.8 21.5 32.3





#59
2-Hexanone
Concen: 65.557 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

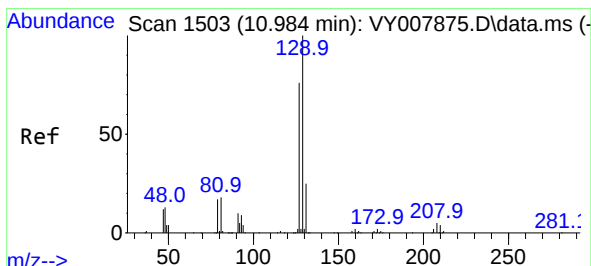
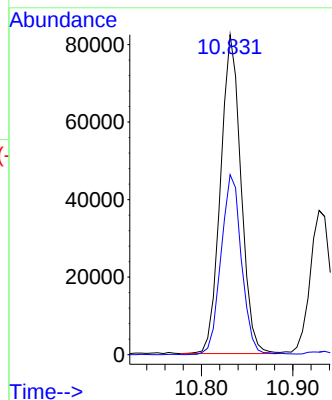
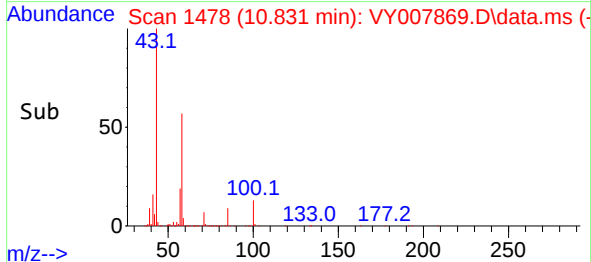
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



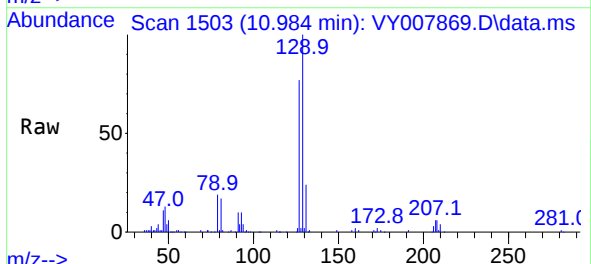
Tgt Ion: 43 Resp: 12773
Ion Ratio Lower Upper
43 100
58 56.9 24.4 73.4

Manual Integrations
APPROVED

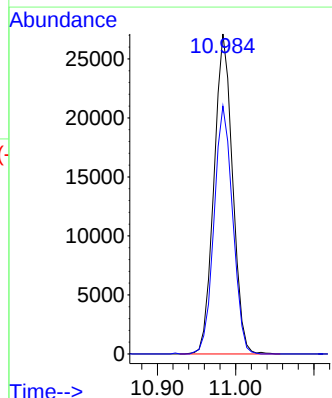
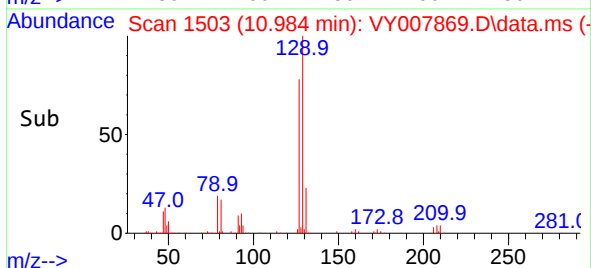
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

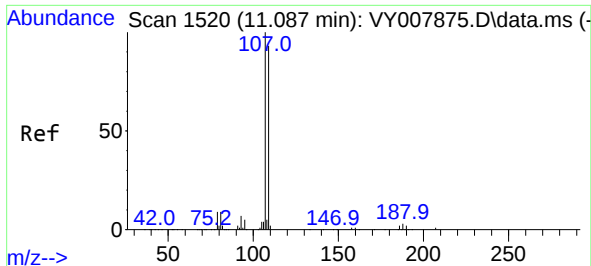


#60
Dibromochloromethane
Concen: 12.082 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



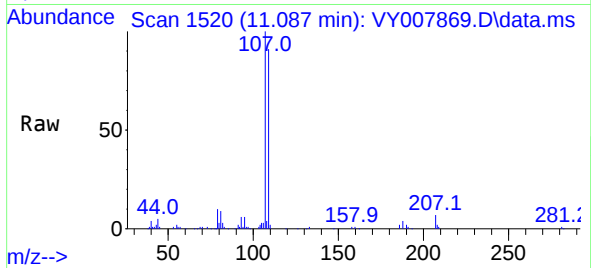
Tgt Ion:129 Resp: 44763
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 12.300 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

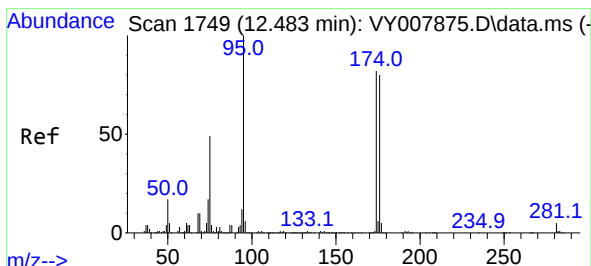
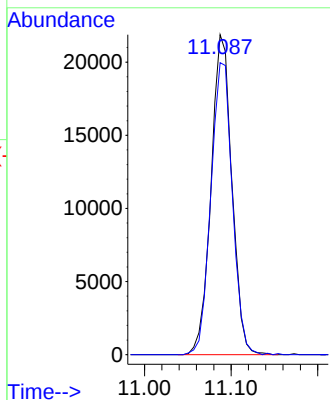
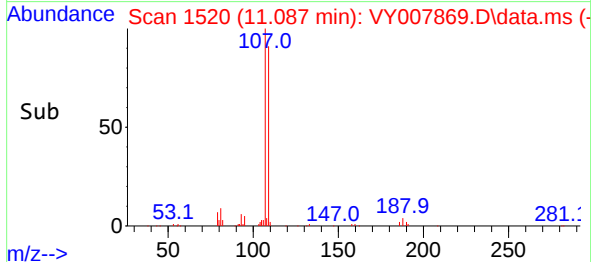
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



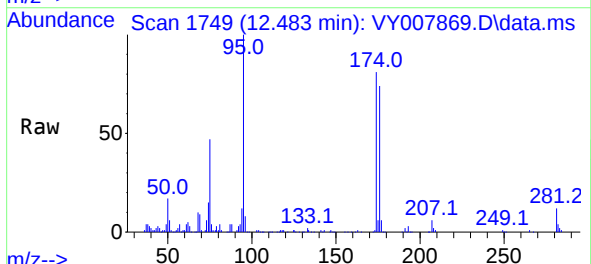
Tgt Ion:107 Resp: 36479
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2

Manual Integrations
APPROVED

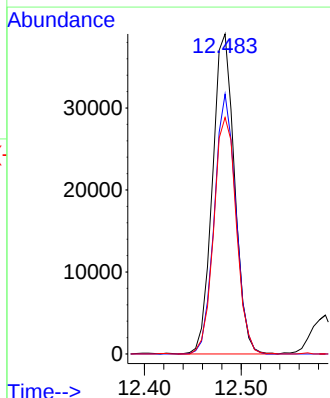
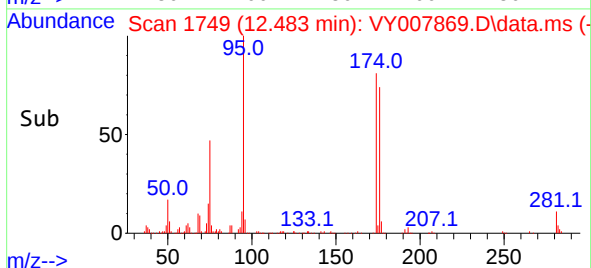
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

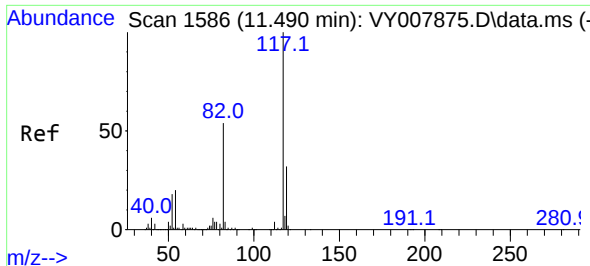


#62
4-Bromofluorobenzene
Concen: 15.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



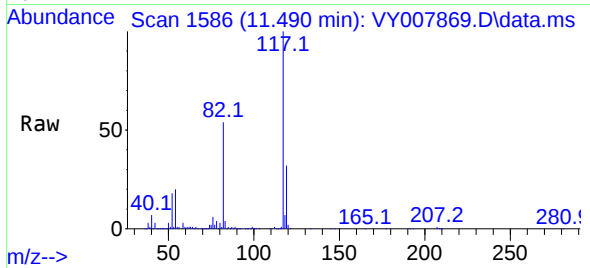
Tgt Ion: 95 Resp: 61785
Ion Ratio Lower Upper
95 100
174 78.9 0.0 177.0
176 75.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

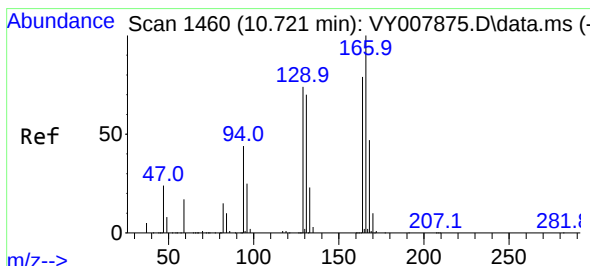
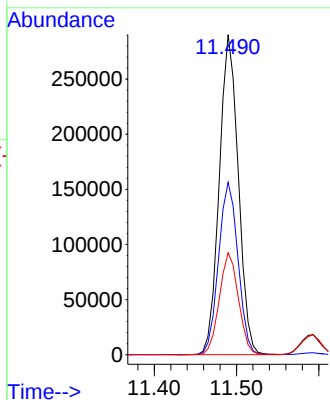
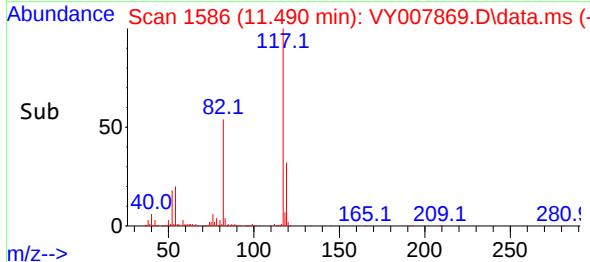
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



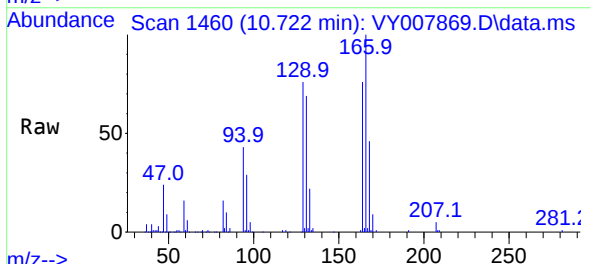
Tgt Ion:117 Resp: 467560
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.8 25.4 38.0

Manual Integrations
APPROVED

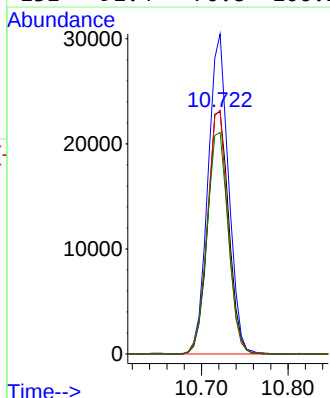
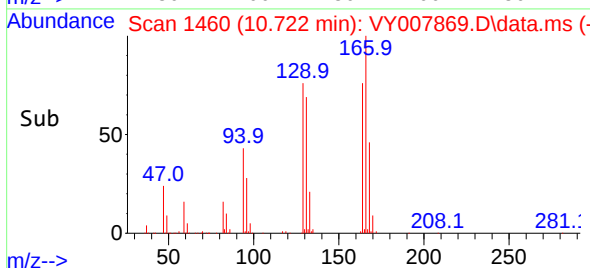
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

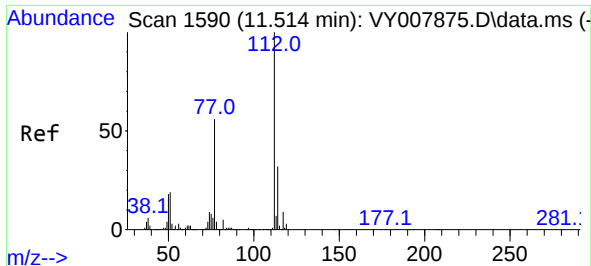


#64
Tetrachloroethene
Concen: 11.244 ug/l
RT: 10.722 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



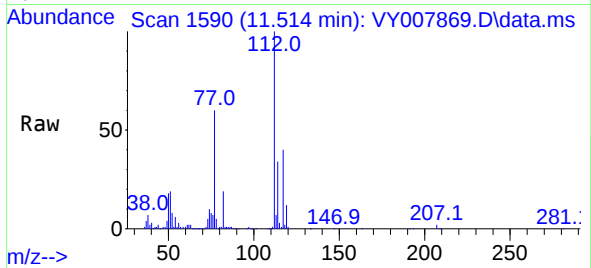
Tgt Ion:164 Resp: 38969
Ion Ratio Lower Upper
164 100
166 132.1 100.4 150.6
129 100.6 71.4 107.0
131 91.4 70.8 106.2





#65
Chlorobenzene
Concen: 11.803 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

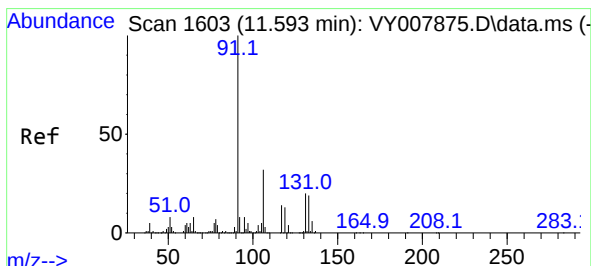
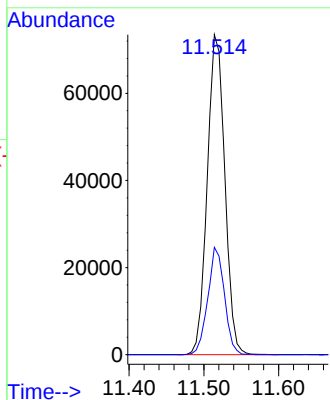
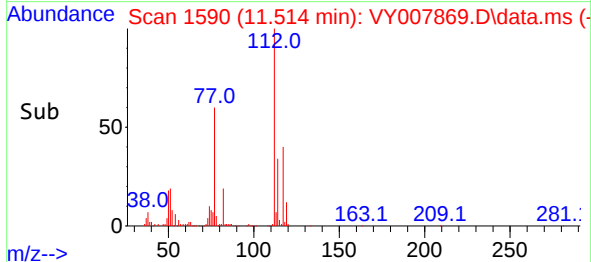
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



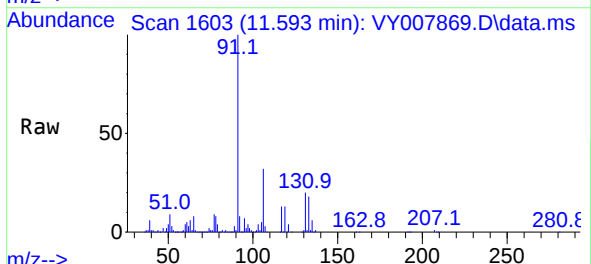
Tgt Ion:112 Resp: 120229
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6

Manual Integrations
APPROVED

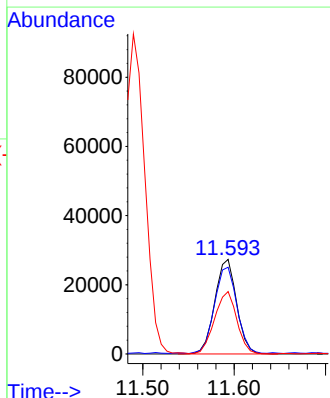
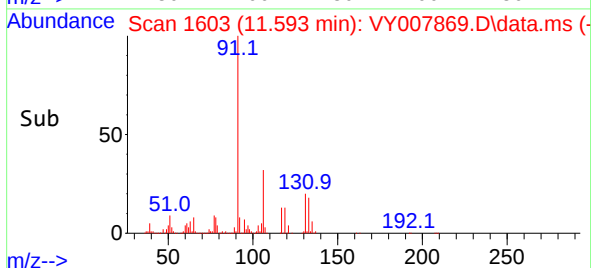
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

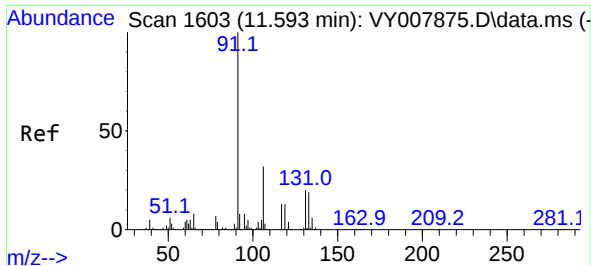


#66
1,1,1,2-Tetrachloroethane
Concen: 11.854 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



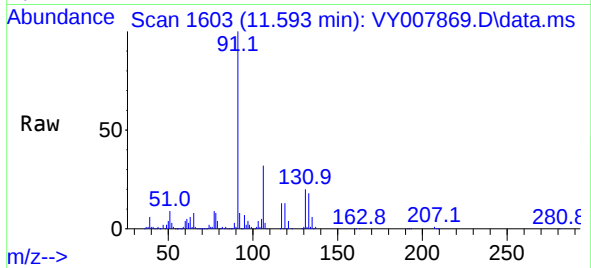
Tgt Ion:131 Resp: 45157
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 67.7 30.8 92.3





#67
Ethyl Benzene
Concen: 11.589 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

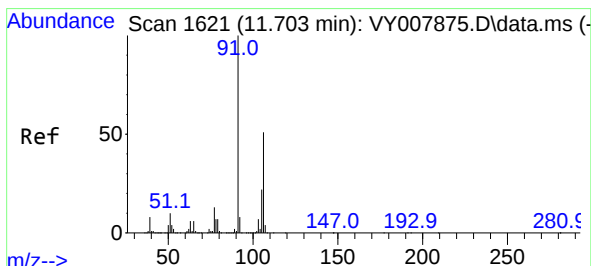
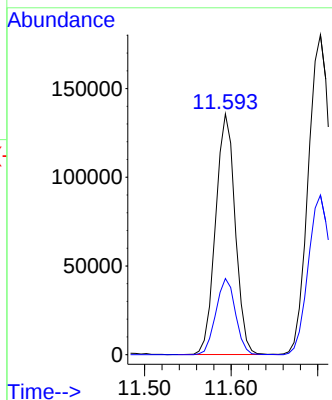
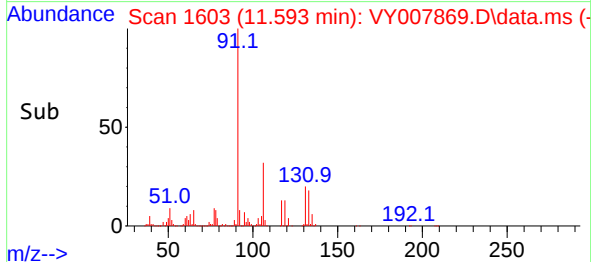
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



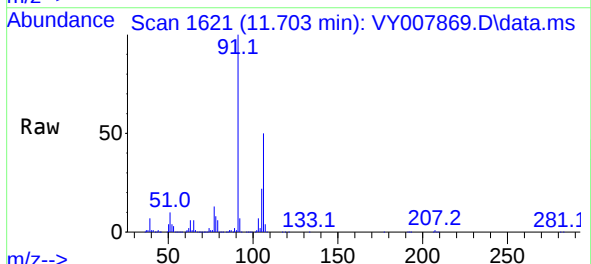
Tgt Ion: 91 Resp: 21288
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

Manual Integrations
APPROVED

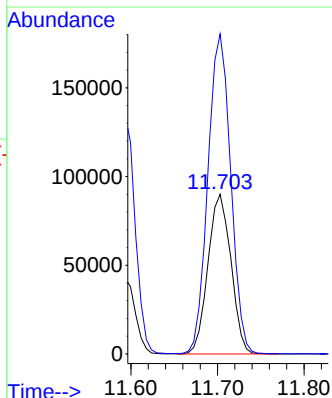
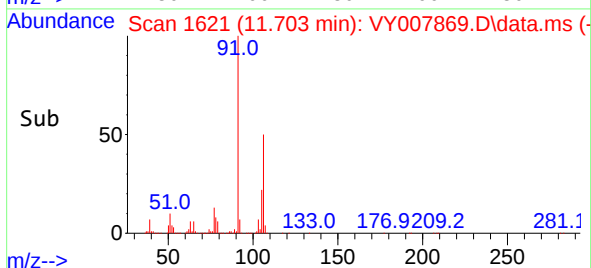
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

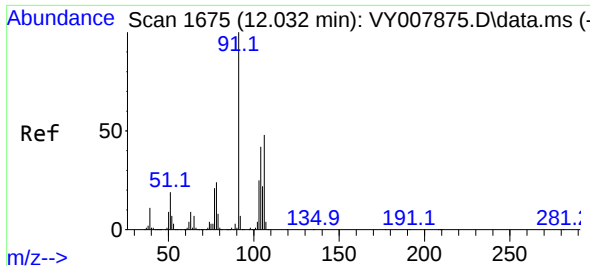


#68
m/p-Xylenes
Concen: 23.549 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion:106 Resp: 165990
Ion Ratio Lower Upper
106 100
91 198.5 166.6 249.8





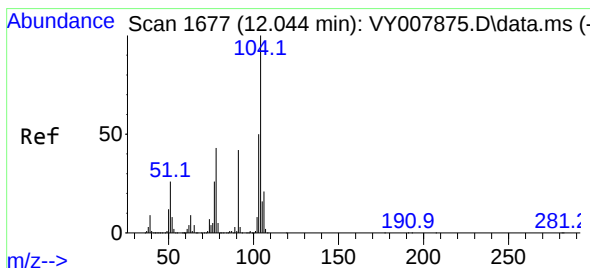
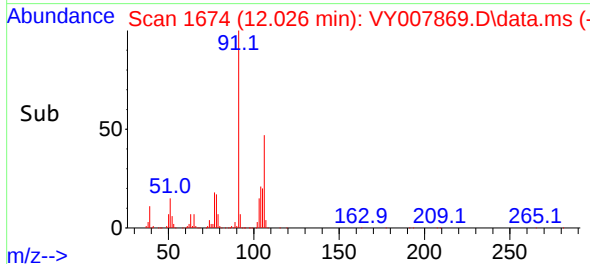
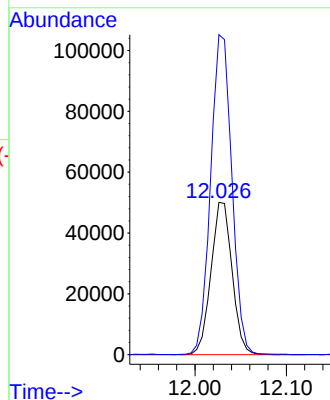
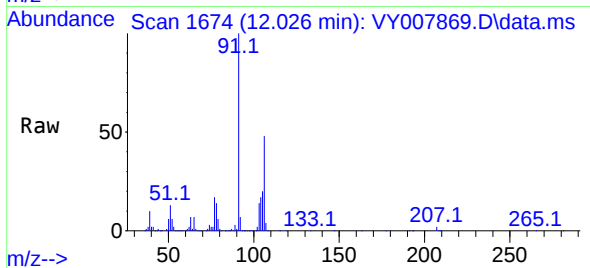
#69
o-Xylene
Concen: 12.009 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 80210
Ion Ratio Lower Upper
106 100
91 211.9 110.3 331.0

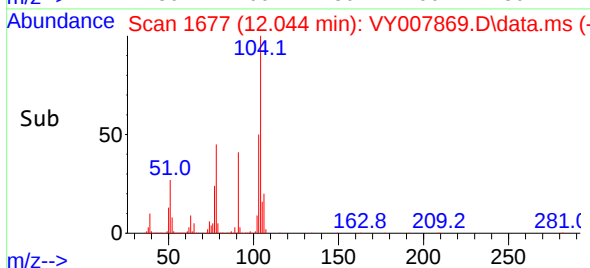
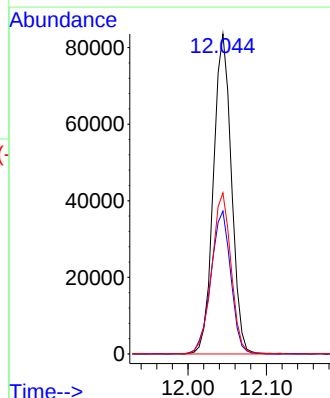
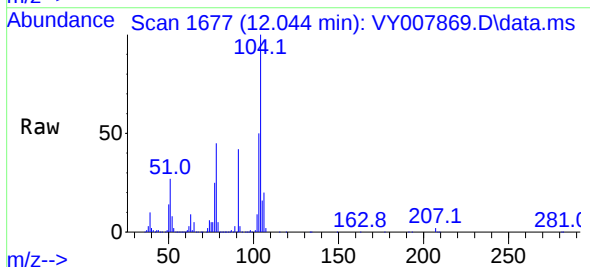
Manual Integrations
APPROVED

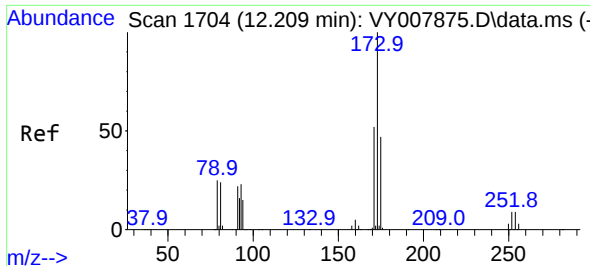
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 11.939 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Tgt Ion:104 Resp: 133530
Ion Ratio Lower Upper
104 100
78 49.4 42.4 63.6
103 54.1 44.4 66.6





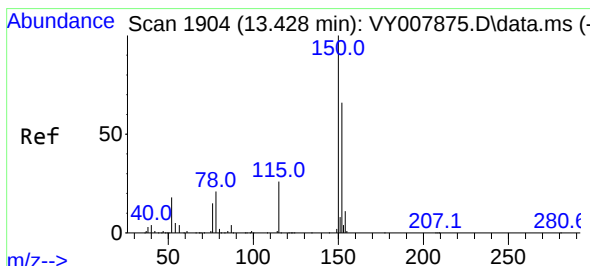
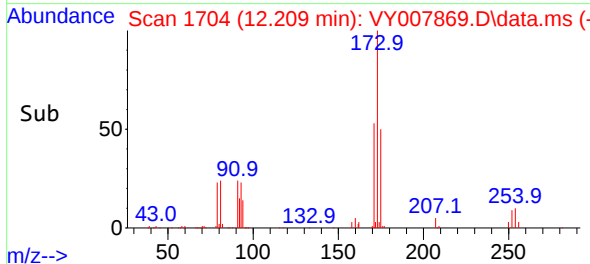
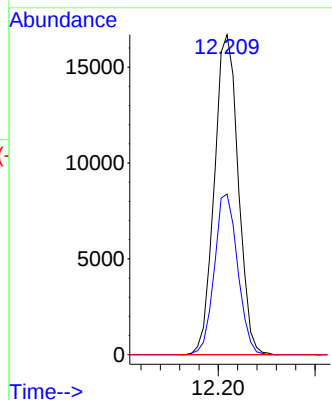
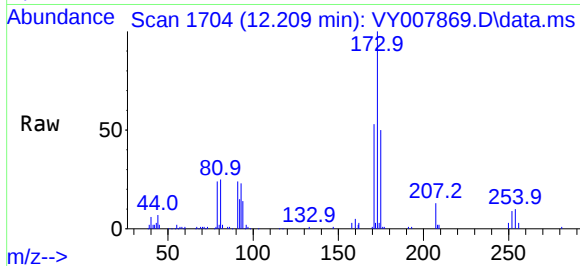
#71
Bromoform
Concen: 12.051 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 2858
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

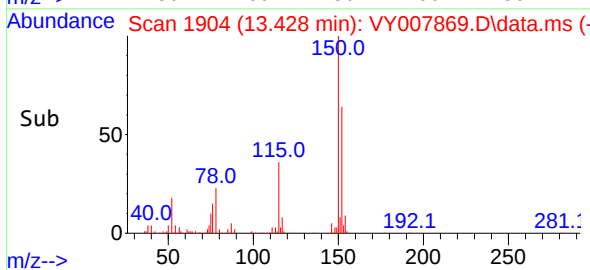
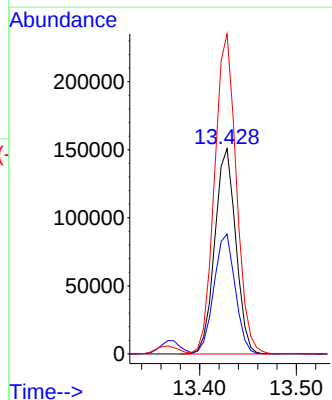
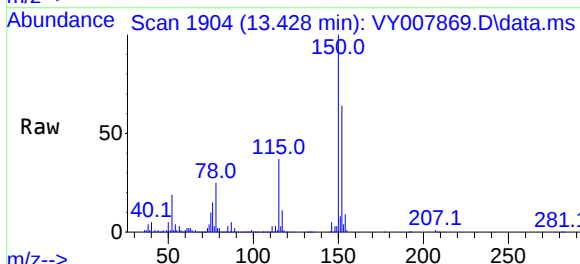
Manual Integrations
APPROVED

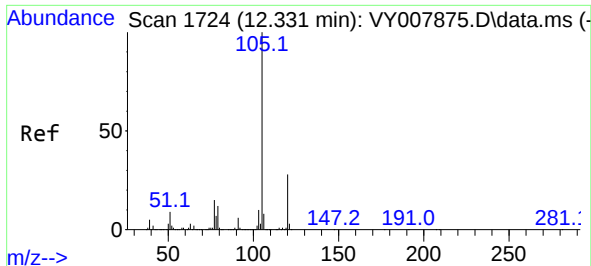
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

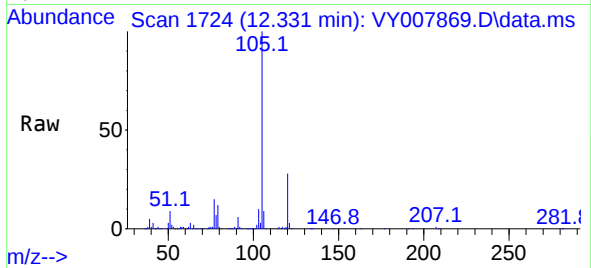
Tgt Ion:152 Resp: 227387
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 161.6 0.0 347.6





#73
Isopropylbenzene
Concen: 11.970 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

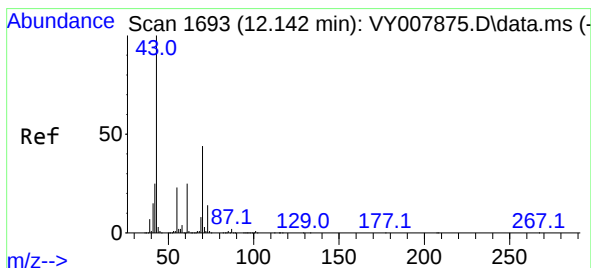
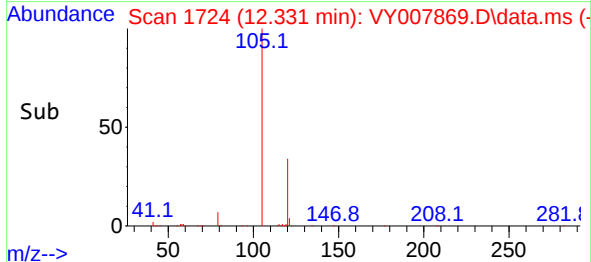
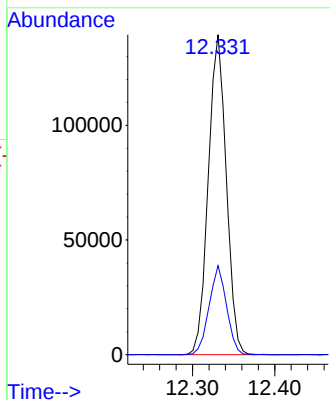
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 212044
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

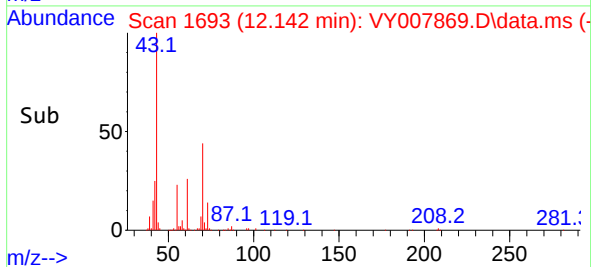
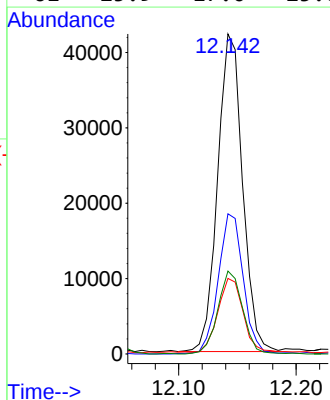
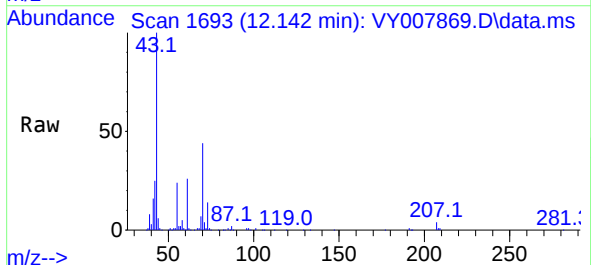
Manual Integrations
APPROVED

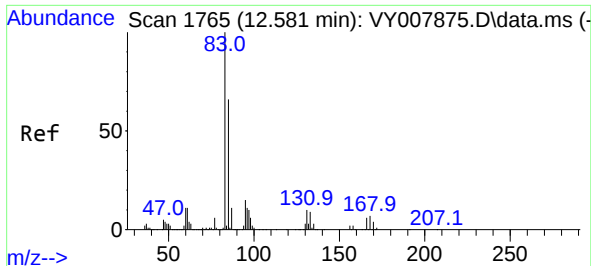
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#74
N-ethyl acetate
Concen: 13.196 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

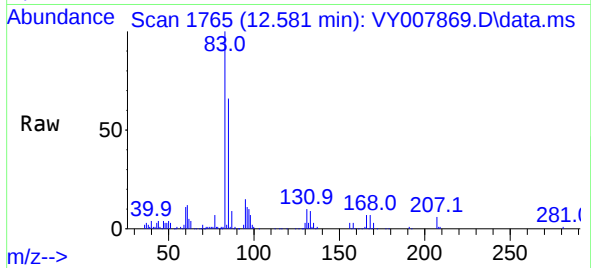
Tgt Ion: 43 Resp: 62225
Ion Ratio Lower Upper
43 100
70 44.4 28.7 43.1#
55 24.1 17.3 25.9
61 25.9 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 12.238 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

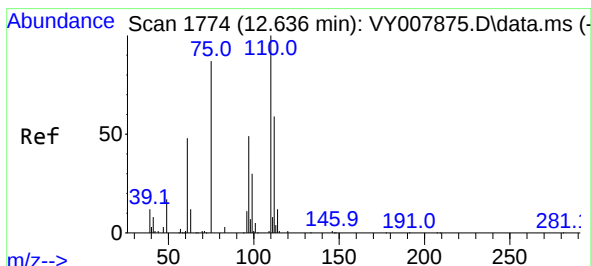
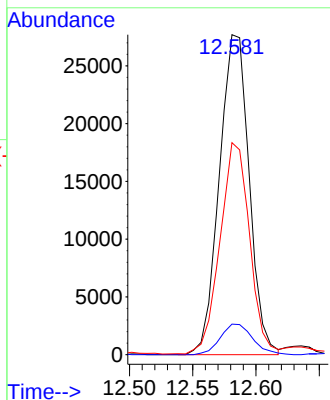
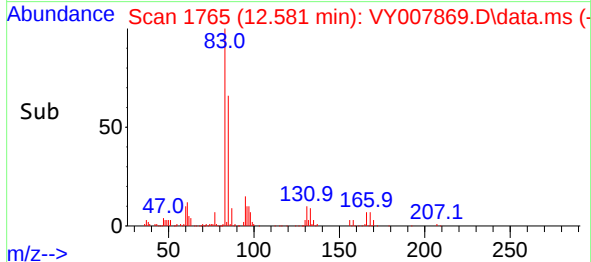
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



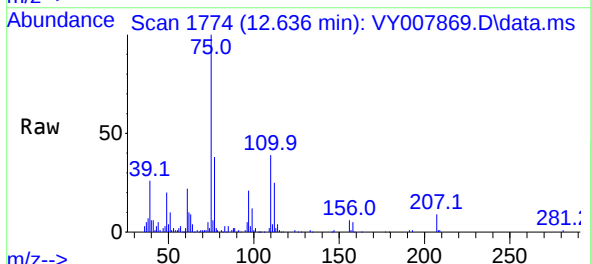
Tgt Ion: 83 Resp: 45469
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

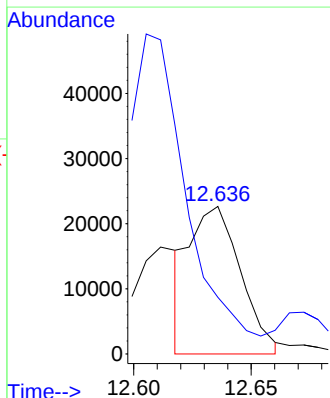
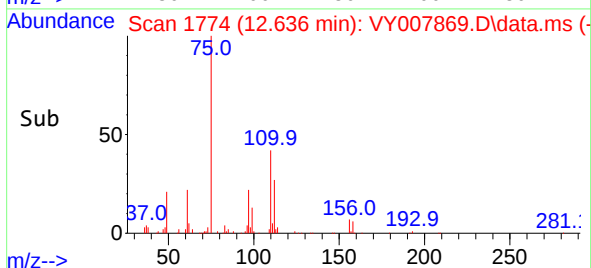
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

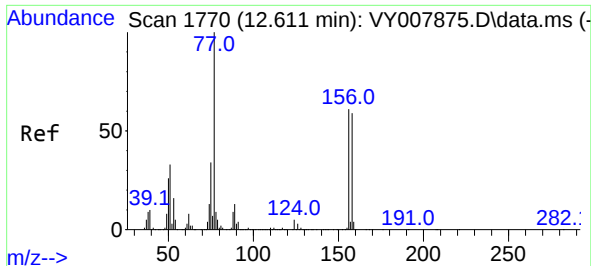


#76
1,2,3-Trichloropropane
Concen: 13.380 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



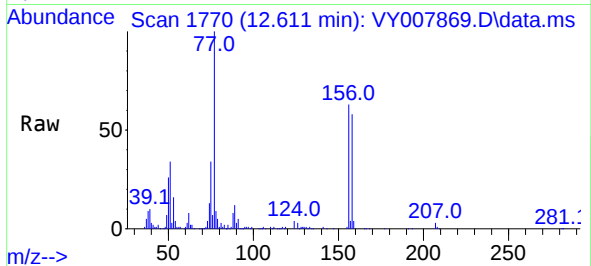
Tgt Ion: 75 Resp: 33976
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 11.975 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

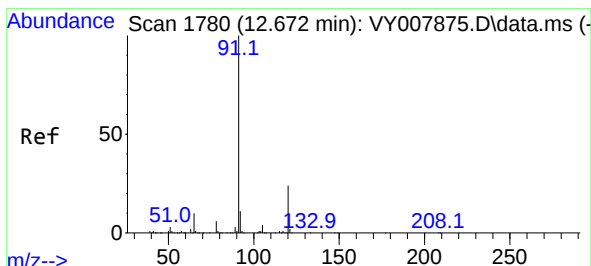
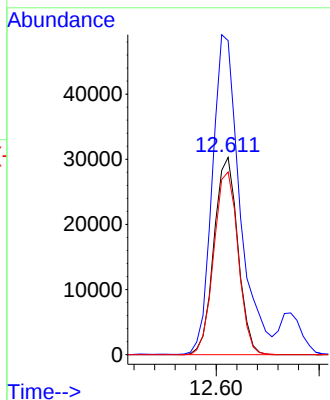
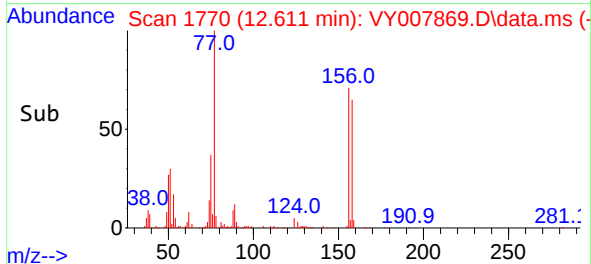
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



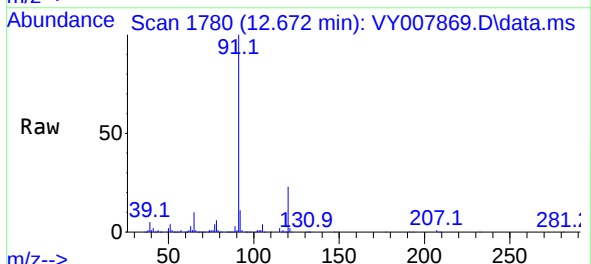
Tgt Ion:156 Resp: 48860
Ion Ratio Lower Upper
156 100
77 186.5 95.5 286.4
158 94.2 48.0 144.0

Manual Integrations
APPROVED

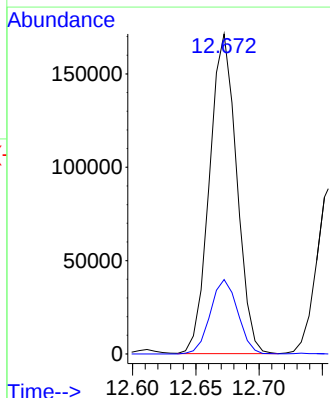
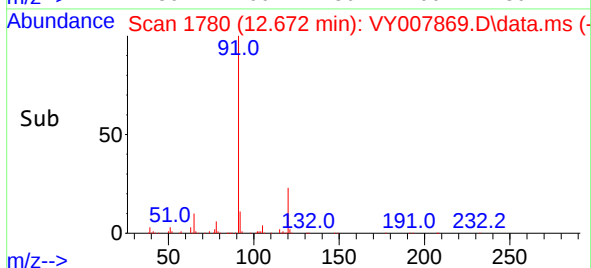
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

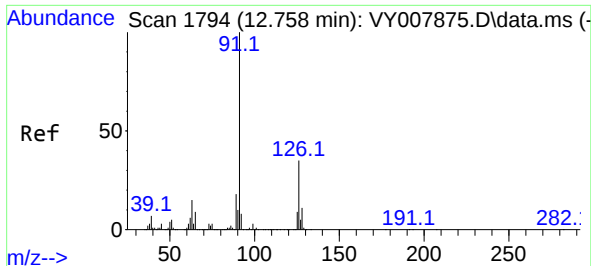


#78
n-propylbenzene
Concen: 11.974 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 91 Resp: 255958
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





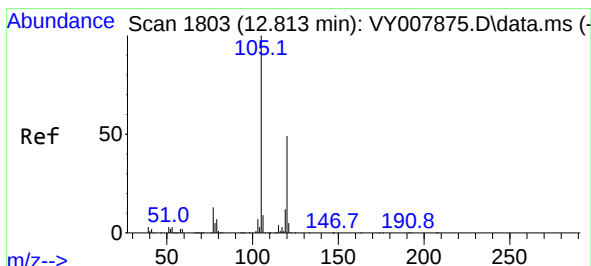
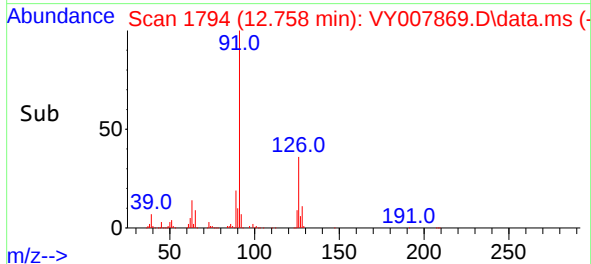
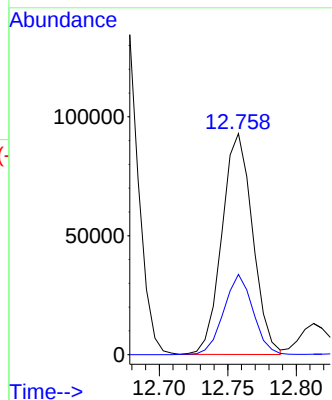
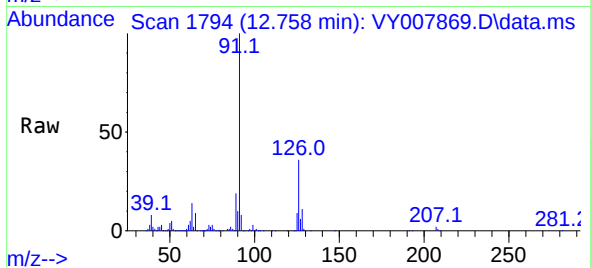
#79
2-Chlorotoluene
Concen: 12.665 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 144870
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.6

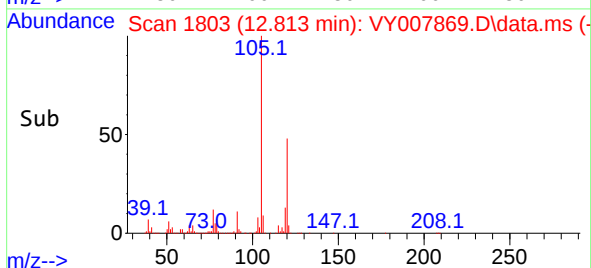
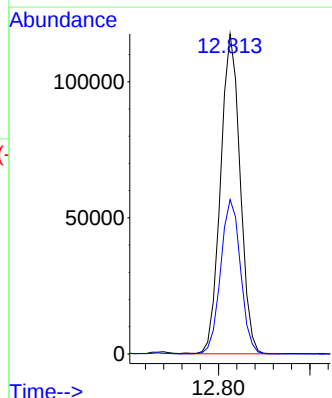
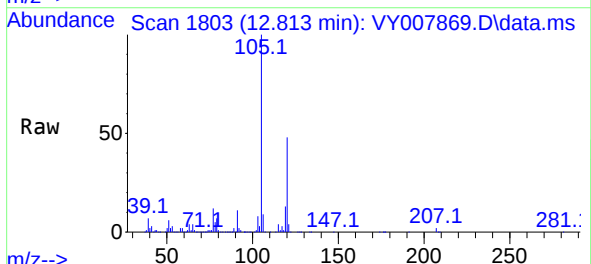
Manual Integrations
APPROVED

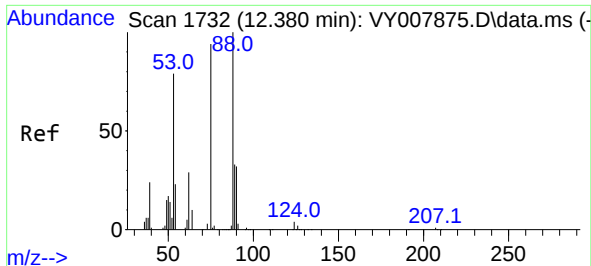
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 12.327 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

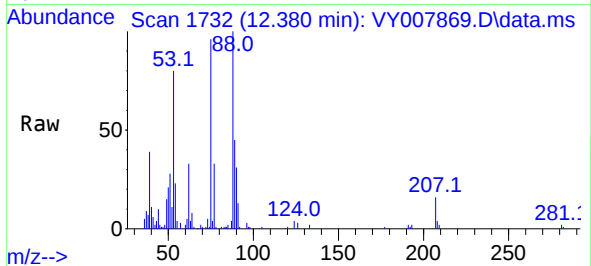
Tgt Ion:105 Resp: 174608
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 12.892 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

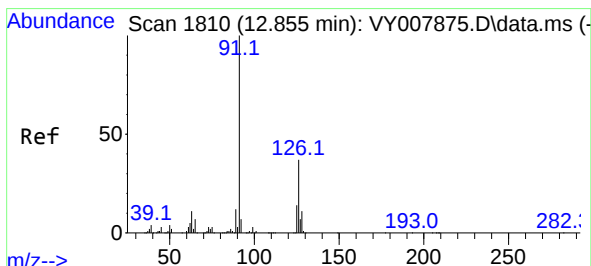
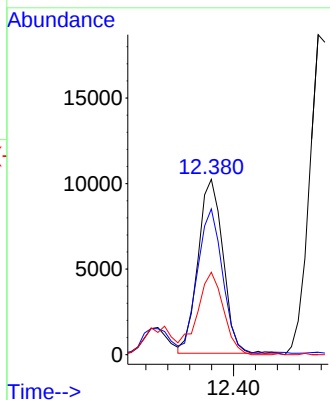
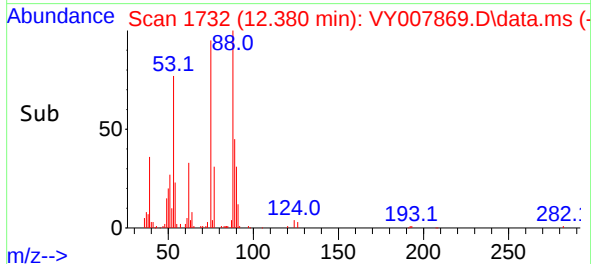
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



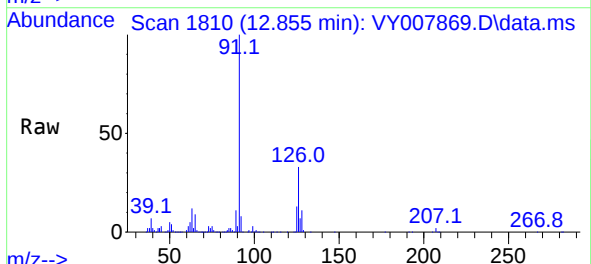
Tgt Ion: 75 Resp: 16014
Ion Ratio Lower Upper
75 100
53 84.3 85.3 127.9
89 49.8 37.0 55.4

Manual Integrations
APPROVED

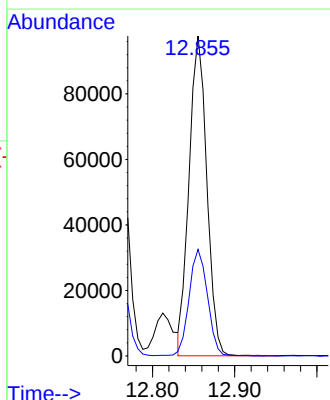
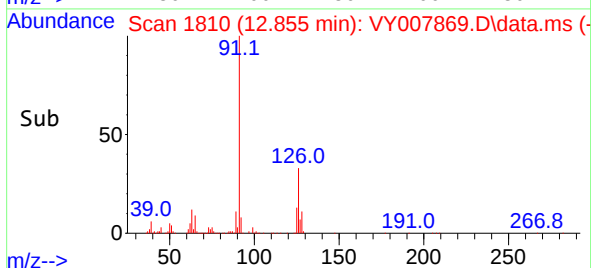
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

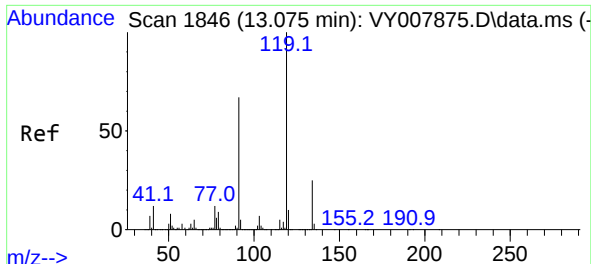


#82
4-Chlorotoluene
Concen: 12.455 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 91 Resp: 146542
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





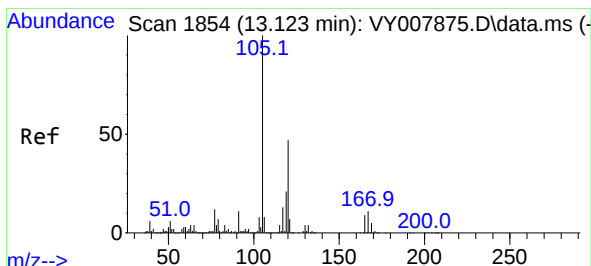
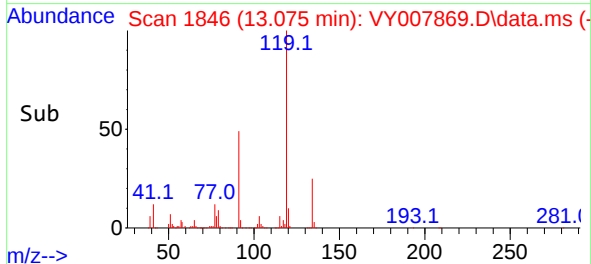
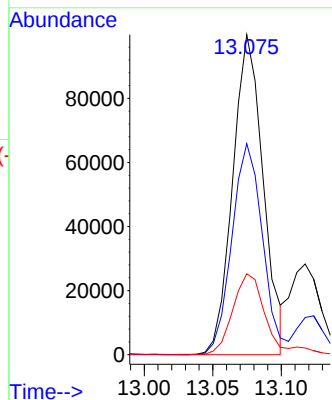
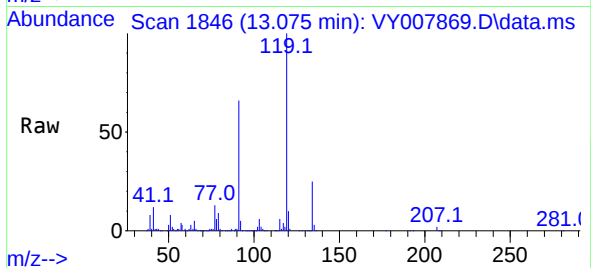
#83
tert-Butylbenzene
Concen: 11.861 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:119 Resp: 15454
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.4
134 27.5 13.3 39.9

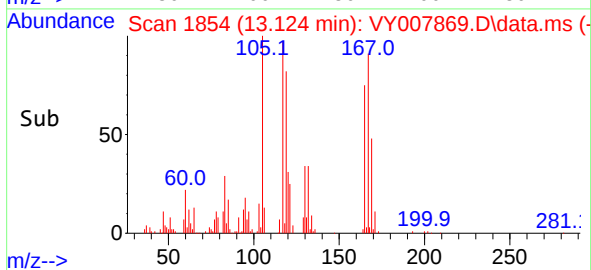
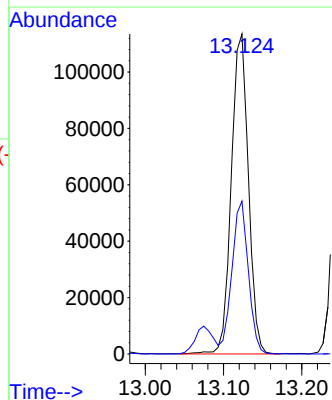
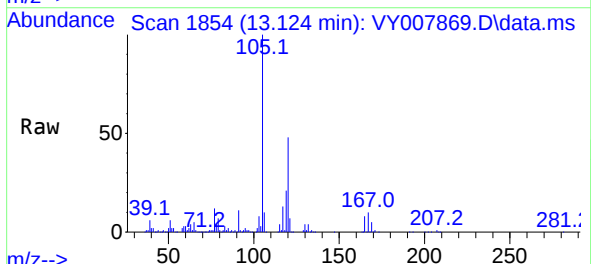
Manual Integrations
APPROVED

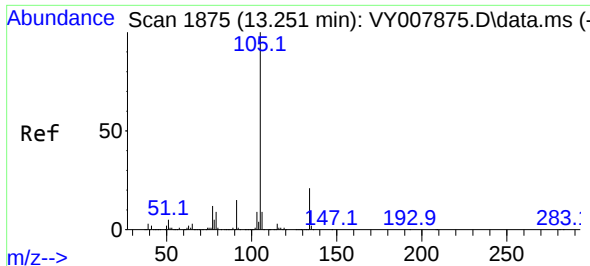
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 12.295 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

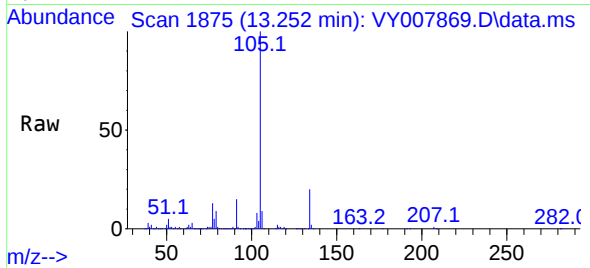
Tgt Ion:105 Resp: 171547
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 12.276 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44

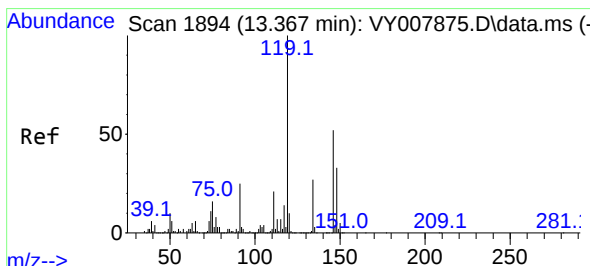
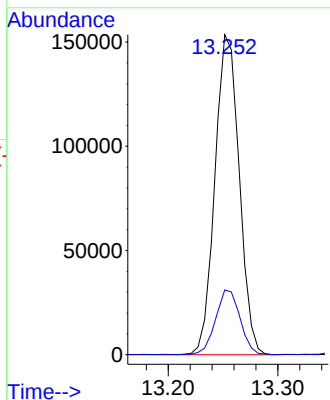
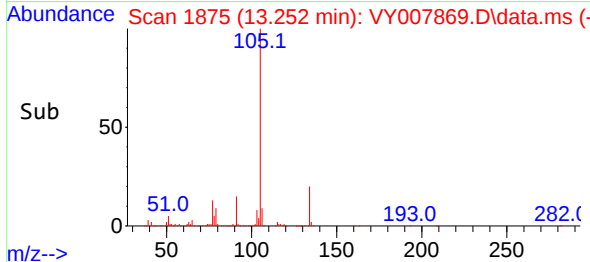
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



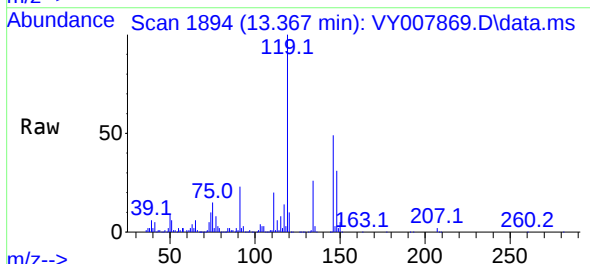
Tgt Ion:105 Resp: 236608
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

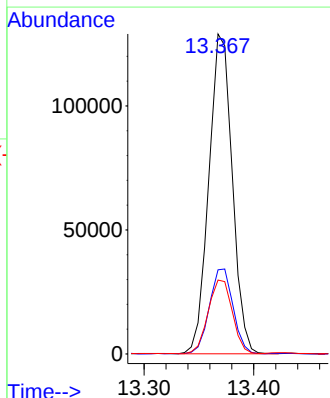
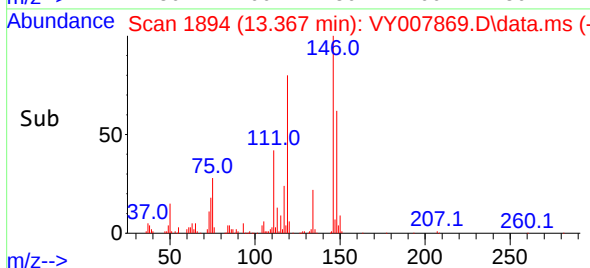
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

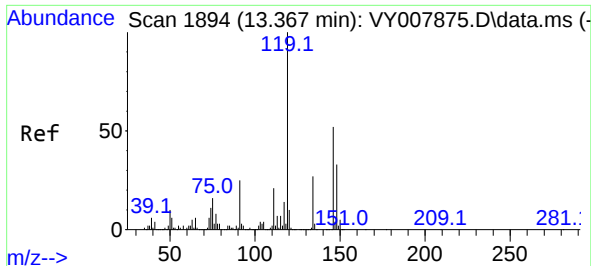


#86
 p-Isopropyltoluene
 Concen: 12.033 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007869.D
 Acq: 17 Mar 2022 10:44



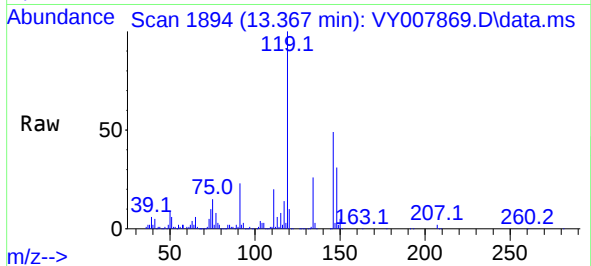
Tgt Ion:119 Resp: 191554
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 23.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 11.600 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

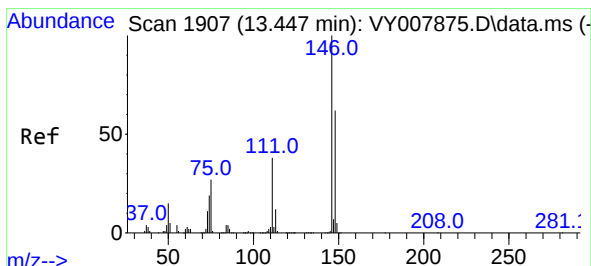
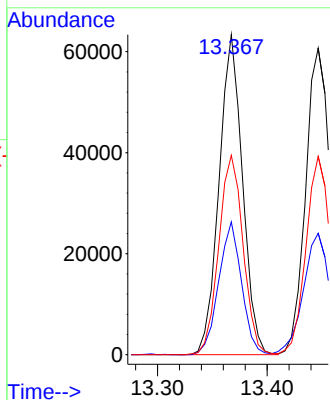
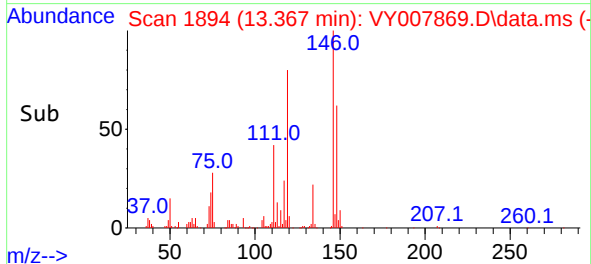
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



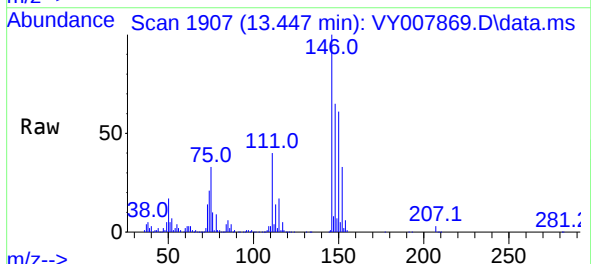
Tgt Ion:146 Resp: 9418
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 64.6 31.6 95.0

Manual Integrations
APPROVED

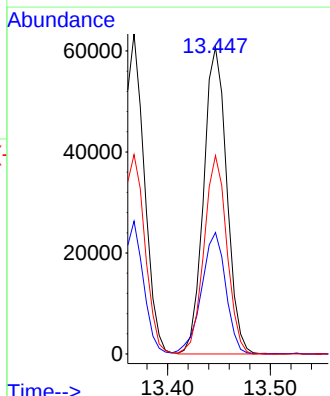
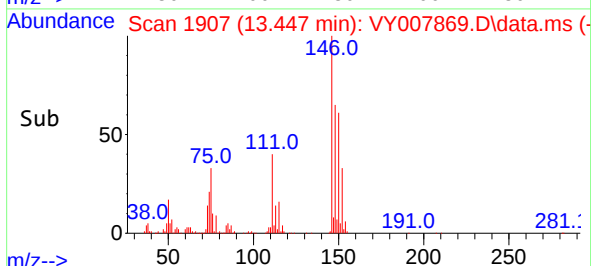
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

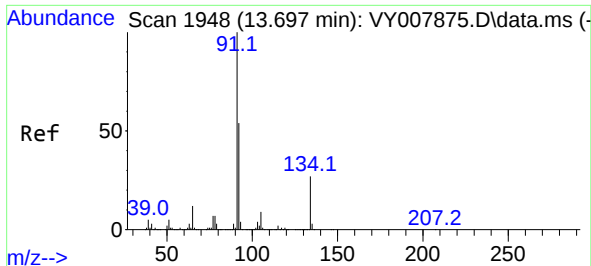


#88
1,4-Dichlorobenzene
Concen: 11.874 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



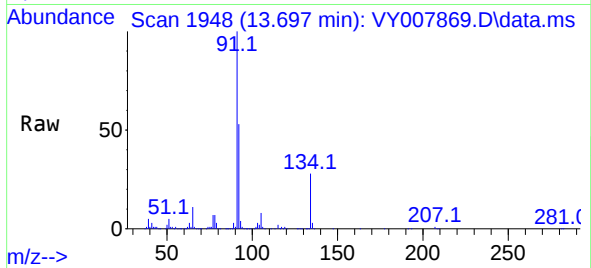
Tgt Ion:146 Resp: 95151
Ion Ratio Lower Upper
146 100
111 41.6 19.3 57.8
148 63.8 32.6 97.8





#89
n-Butylbenzene
Concen: 12.095 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

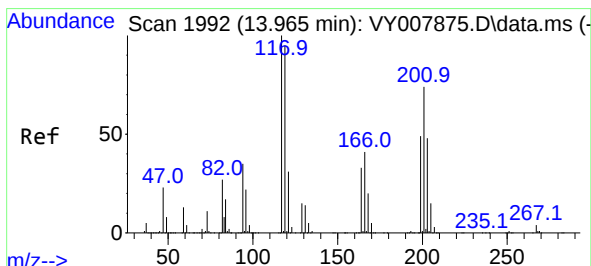
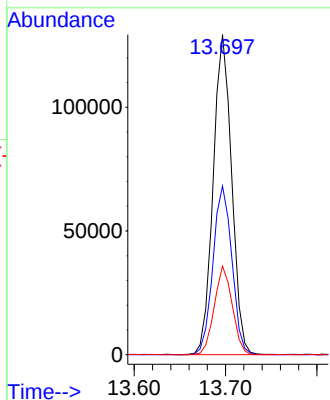
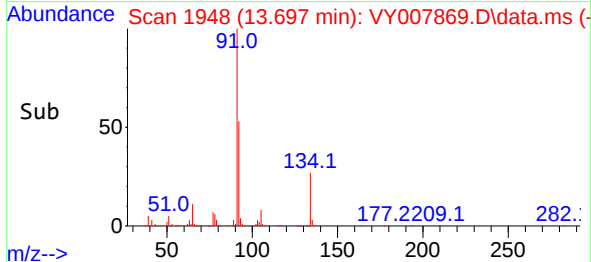
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



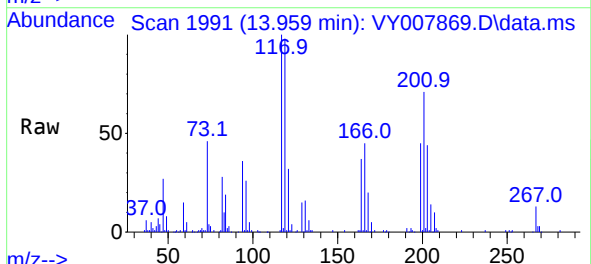
Tgt Ion: 91 Resp: 18196
Ion Ratio Lower Upper
91 100
92 53.9 26.3 78.9
134 26.8 13.0 38.9

Manual Integrations
APPROVED

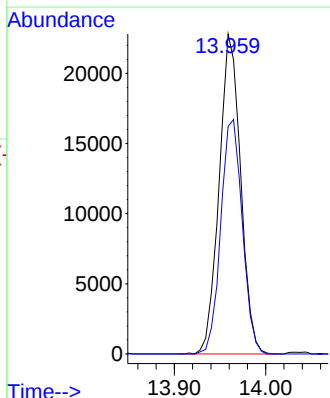
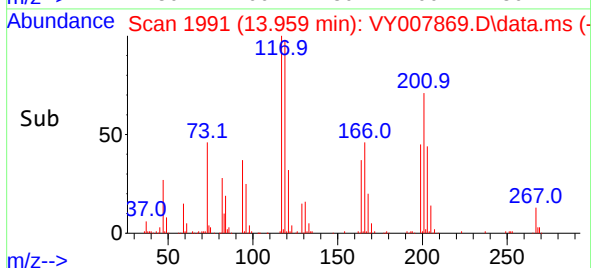
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

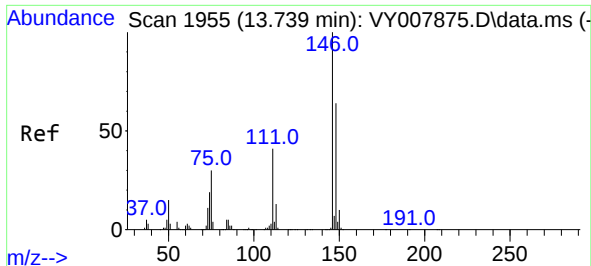


#90
Hexachloroethane
Concen: 12.357 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



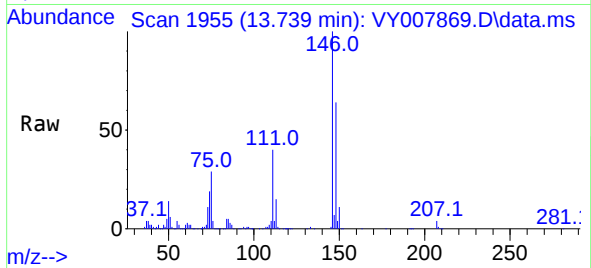
Tgt Ion:117 Resp: 37286
Ion Ratio Lower Upper
117 100
201 73.4 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 11.761 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

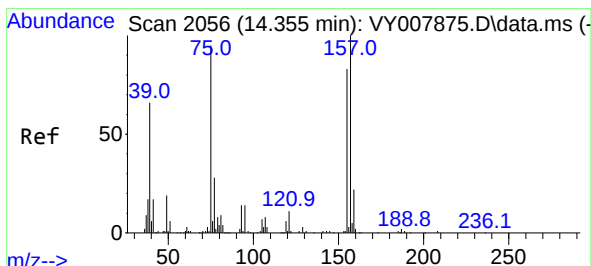
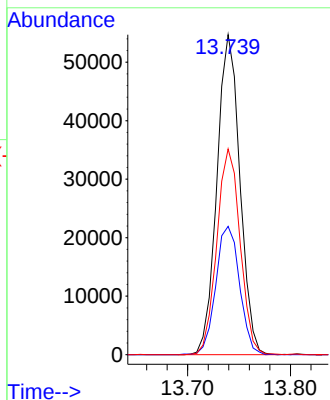
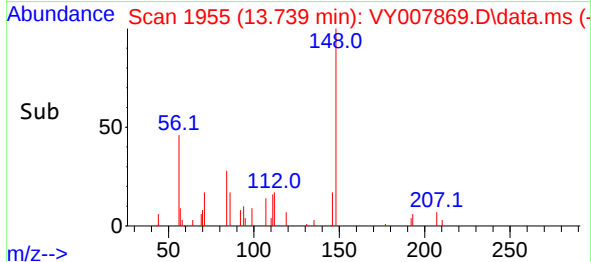
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



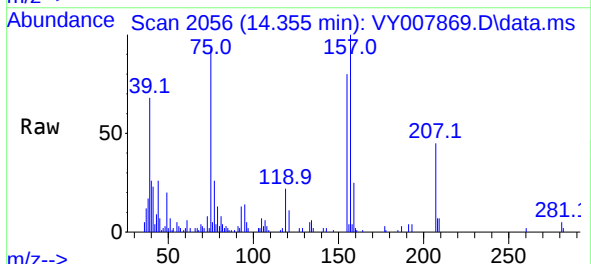
Tgt Ion:146 Resp: 8479
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.9
148 65.1 32.3 96.9

Manual Integrations
APPROVED

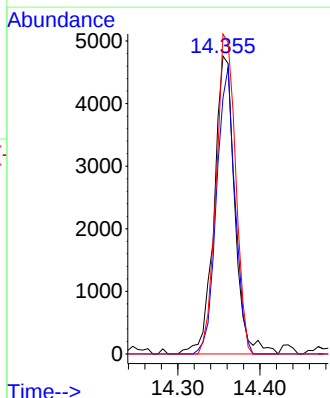
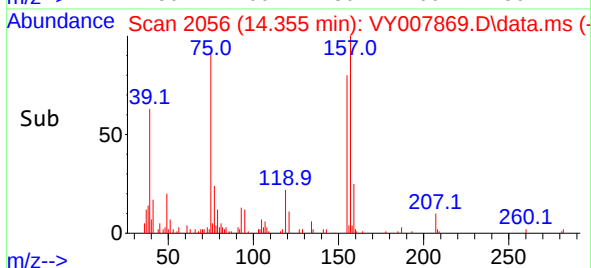
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

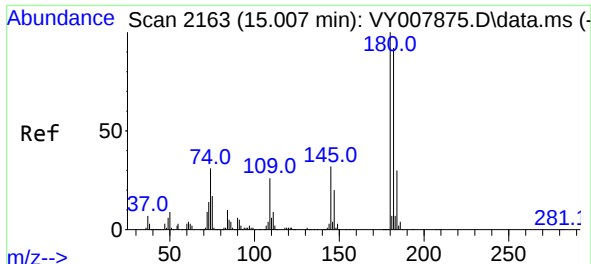


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.721 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion: 75 Resp: 8283
Ion Ratio Lower Upper
75 100
155 86.1 38.0 113.9
157 101.2 47.8 143.3





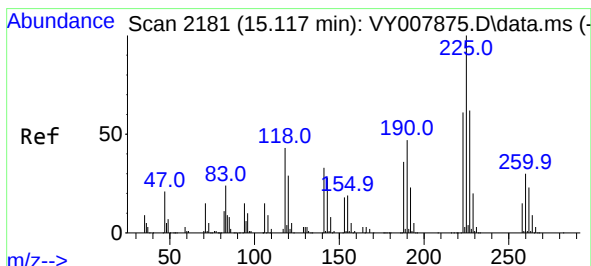
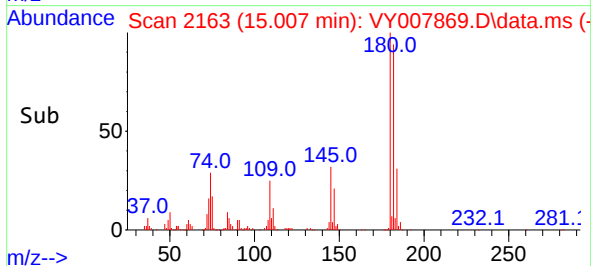
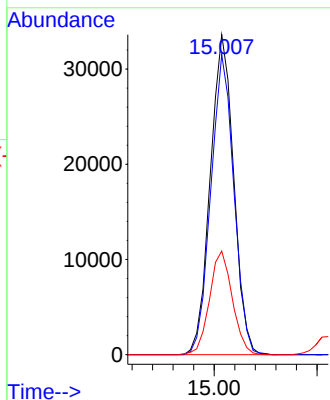
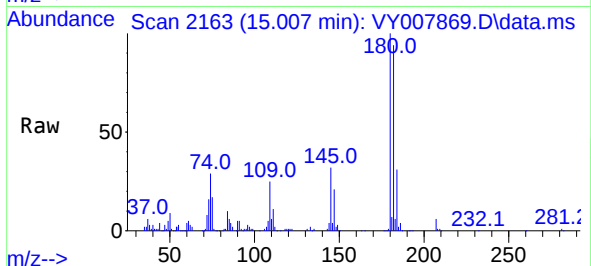
#93
1,2,4-Trichlorobenzene
Concen: 11.614 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:180 Resp: 5301
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.9
145 31.7 14.6 43.8

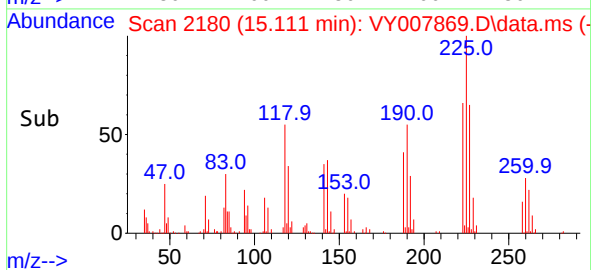
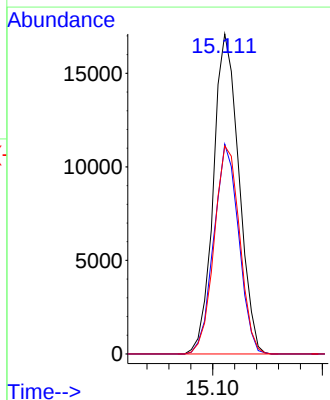
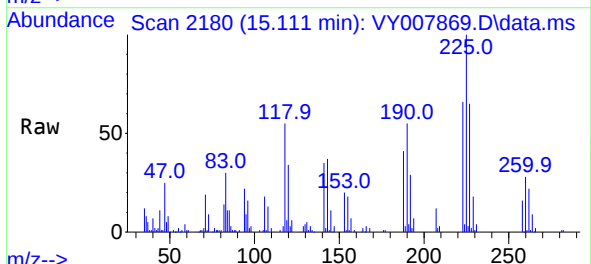
Manual Integrations
APPROVED

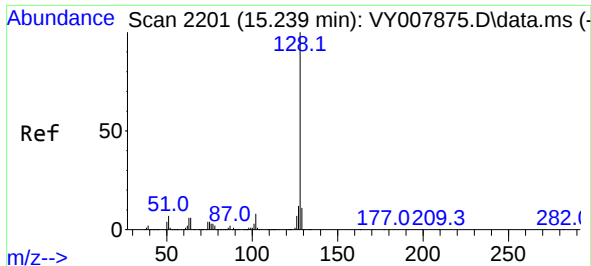
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#94
Hexachlorobutadiene
Concen: 10.239 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

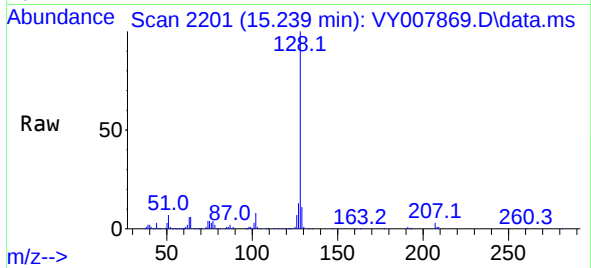
Tgt Ion:225 Resp: 27632
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.3
227 65.1 31.6 94.7





#95
Naphthalene
Concen: 12.655 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44

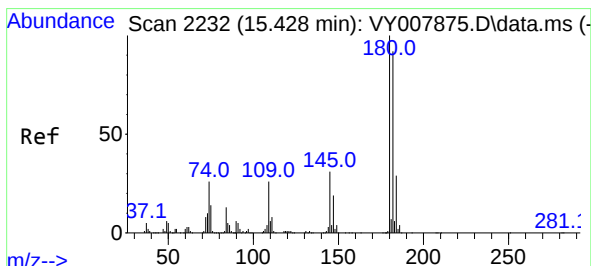
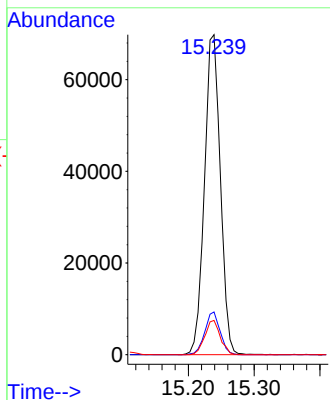
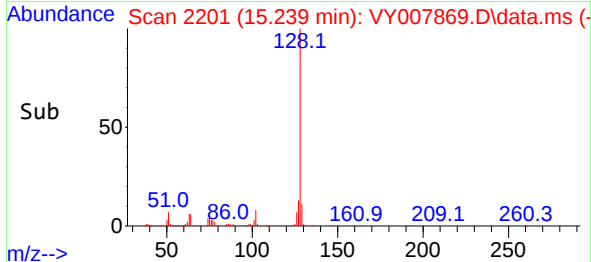
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



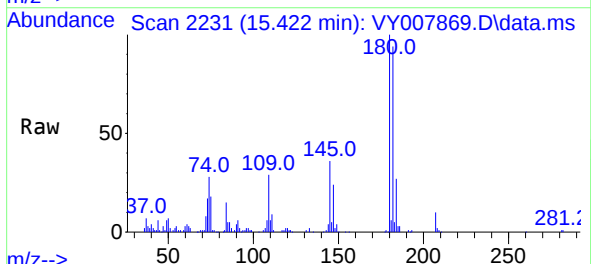
Tgt Ion:128 Resp: 11750
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 11.248 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007869.D
Acq: 17 Mar 2022 10:44



Tgt Ion:180 Resp: 45757
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 34.2 15.3 45.9

