

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007490.D
 Acq On : 14 Feb 2022 11:43
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 03:45:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	137372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15268	10.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.260%#		
35) Dibromofluoromethane	7.722	113	14082	9.917	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.840%#		
50) Toluene-d8	10.185	98	54069	10.017	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.040%#		
62) 4-Bromofluorobenzene	12.489	95	19029	10.334	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	20.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	15542	10.147	ug/l	92
3) Chloromethane	2.119	50	16153	10.760	ug/l	94
4) Vinyl Chloride	2.260	62	16698	11.095	ug/l	96
5) Bromomethane	2.662	94	11945	11.131	ug/l	98
6) Chloroethane	2.802	64	10014	11.027	ug/l	91
7) Trichlorofluoromethane	3.137	101	28778	9.930	ug/l	94
8) Diethyl Ether	3.540	74	8601	10.351	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	16064	10.041	ug/l	92
10) Methyl Iodide	4.107	142	18010	9.433	ug/l	93
11) Tert butyl alcohol	4.954	59	6063	50.940	ug/l	100
12) 1,1-Dichloroethene	3.881	96	14862	10.022	ug/l #	77
13) Acrolein	3.741	56	6879	58.856	ug/l	95
14) Allyl chloride	4.485	41	21333	10.251	ug/l #	93
15) Acrylonitrile	5.168	53	19648	54.056	ug/l	97
16) Acetone	3.960	43	19136	47.871	ug/l #	87
17) Carbon Disulfide	4.210	76	42943	10.090	ug/l	98
18) Methyl Acetate	4.485	43	8896	10.451	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	42649	10.389	ug/l	95
20) Methylene Chloride	4.722	84	17965	10.838	ug/l	85
21) trans-1,2-Dichloroethene	5.235	96	15802	9.787	ug/l	83
22) Diisopropyl ether	6.125	45	45799	10.597	ug/l #	96
23) Vinyl Acetate	6.070	43	147872	53.549	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	27600	10.188	ug/l	98
25) 2-Butanone	6.990	43	25862	52.600	ug/l #	90
26) 2,2-Dichloropropane	6.990	77	26336	9.623	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	17614	9.791	ug/l	89
28) Bromochloromethane	7.344	49	10268	9.898	ug/l #	80
29) Tetrahydrofuran	7.356	42	15504	54.246	ug/l #	78
30) Chloroform	7.515	83	29250	9.946	ug/l	98
31) Cyclohexane	7.789	56	28037	10.582	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	27008	9.566	ug/l	95
36) 1,1-Dichloropropene	7.923	75	22371	9.788	ug/l	96
37) Ethyl Acetate	7.082	43	11155	10.904	ug/l #	94
38) Carbon Tetrachloride	7.911	117	24985	9.558	ug/l	97
39) Methylcyclohexane	9.191	83	28820	9.751	ug/l #	85
40) Benzene	8.167	78	62534	9.976	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	7330m	9.479	ug/l	
42) 1,2-Dichloroethane	8.246	62	20044	10.394	ug/l	92
43) Isopropyl Acetate	8.277	43	22096	10.629	ug/l #	90
44) Trichloroethene	8.947	130	17345	9.673	ug/l	97
45) 1,2-Dichloropropane	9.222	63	15231	10.276	ug/l	96
46) Dibromomethane	9.307	93	9798	10.614	ug/l	92
47) Bromodichloromethane	9.502	83	22277	9.921	ug/l	99
48) Methyl methacrylate	9.295	41	9421	10.279	ug/l #	86
49) 1,4-Dioxane	9.301	88	2116	211.343	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	54717	53.109	ug/l	92
52) Toluene	10.252	92	39157	9.692	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	23656	10.073	ug/l	93
54) cis-1,3-Dichloropropene	9.935	75	26567	10.131	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	12672	10.215	ug/l	97
56) Ethyl methacrylate	10.514	69	16666	10.103	ug/l #	83
57) 1,3-Dichloropropane	10.795	76	21768	10.320	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	43691	50.659	ug/l	95
59) 2-Hexanone	10.837	43	38593	51.883	ug/l	92
60) Dibromochloromethane	10.990	129	15431	9.888	ug/l	98
61) 1,2-Dibromoethane	11.093	107	12416	10.141	ug/l	99
64) Tetrachloroethene	10.727	164	15214	9.795	ug/l	93
65) Chlorobenzene	11.520	112	41847	9.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	16156	9.909	ug/l	98
67) Ethyl Benzene	11.599	91	78716	9.802	ug/l	99
68) m/p-Xylenes	11.703	106	59140	19.433	ug/l	99
69) o-Xylene	12.032	106	28889	9.977	ug/l	94
70) Styrene	12.050	104	45834	9.667	ug/l	98
71) Bromoform	12.209	173	8955	9.949	ug/l #	95
73) Isopropylbenzene	12.331	105	76564	9.836	ug/l	99
74) N-amyl acetate	12.148	43	18371	10.557	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	13884	10.452	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	10784m	9.290	ug/l	
77) Bromobenzene	12.611	156	16607	9.914	ug/l	99
78) n-propylbenzene	12.678	91	92493	9.894	ug/l	100
79) 2-Chlorotoluene	12.764	91	50770	9.840	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	63165	9.799	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4920	10.051	ug/l	88
82) 4-Chlorotoluene	12.861	91	53092	10.013	ug/l	100
83) tert-Butylbenzene	13.081	119	54685	9.699	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	60923	9.777	ug/l	100
85) sec-Butylbenzene	13.258	105	81089	9.773	ug/l	98
86) p-Isopropyltoluene	13.373	119	67308	9.835	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	32326	9.919	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	32530	10.062	ug/l	96
89) n-Butylbenzene	13.703	91	62967	9.660	ug/l	99
90) Hexachloroethane	13.965	117	12673	9.699	ug/l	80
91) 1,2-Dichlorobenzene	13.745	146	28635	9.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2177	9.627	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	16422	9.488	ug/l	99
94) Hexachlorobutadiene	15.117	225	9577	9.525	ug/l	99
95) Naphthalene	15.239	128	36280	9.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	14596	9.766	ug/l	96

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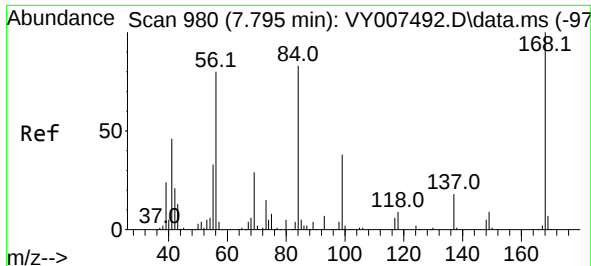
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/21/2022

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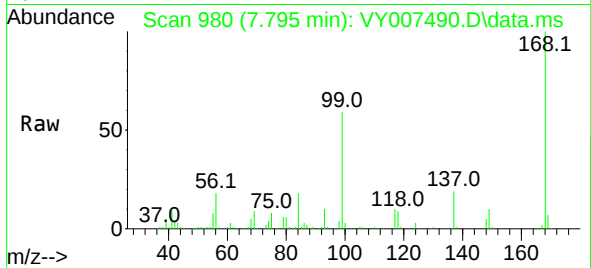
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007490.D
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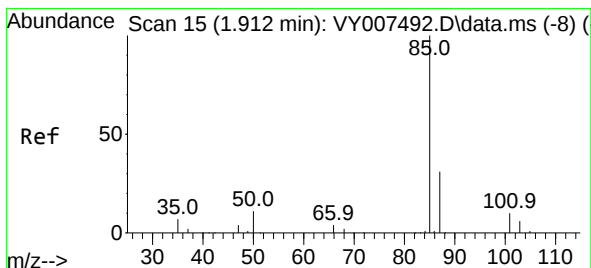
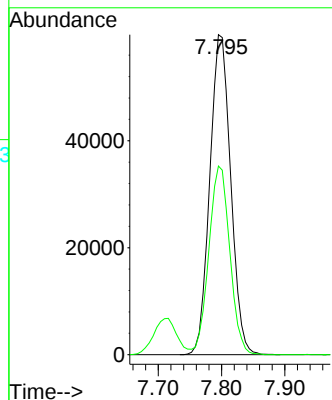
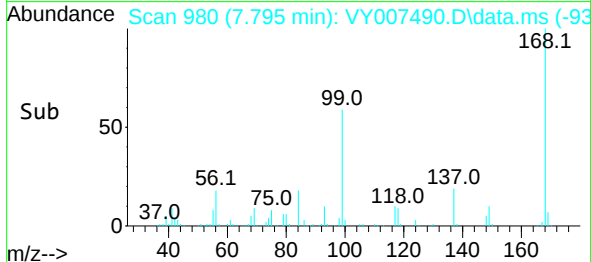
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 137372
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3

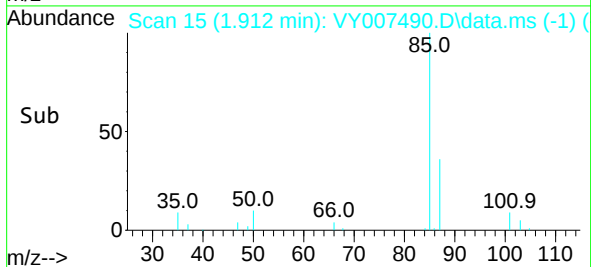
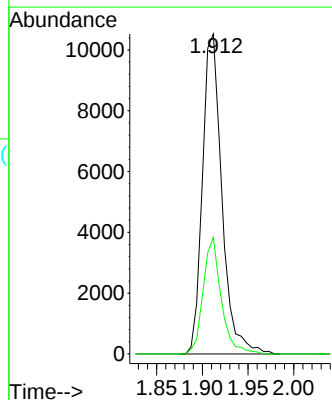
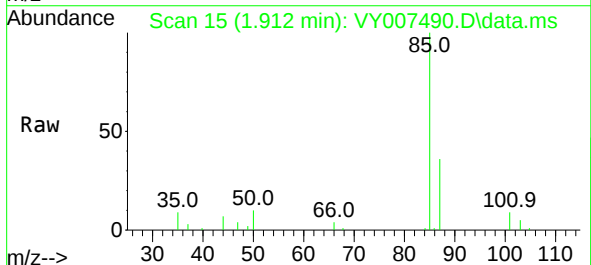
Manual Integrations
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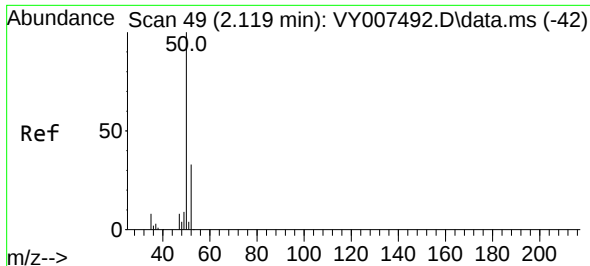
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#2
Dichlorodifluoromethane
Concen: 10.147 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

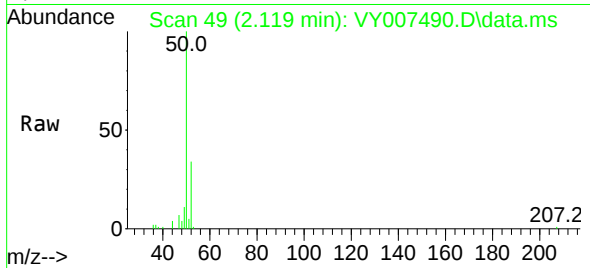
Tgt Ion: 85 Resp: 15542
Ion Ratio Lower Upper
85 100
87 36.4 16.1 48.2





#3
Chloromethane
Concen: 10.760 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

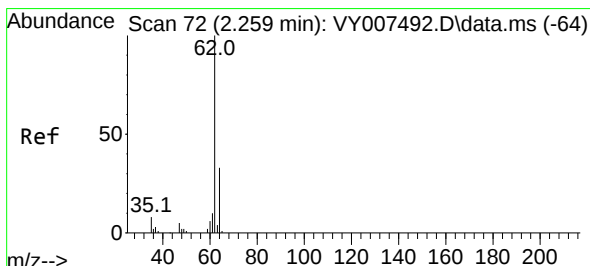
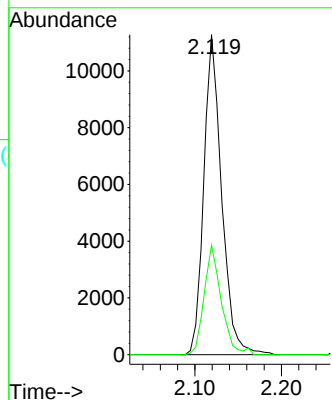
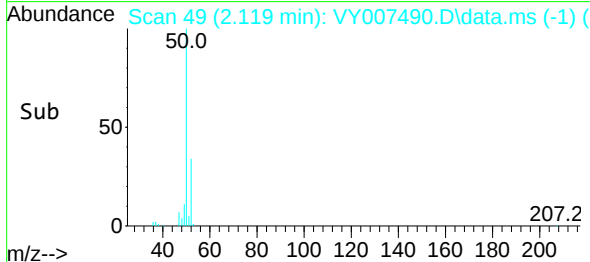
Instrument :
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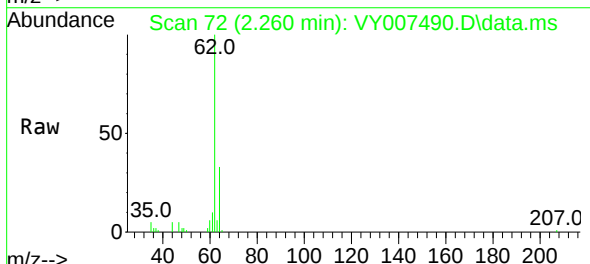
Tgt Ion: 50 Resp: 1615
Ion Ratio Lower Upper
50 100
52 34.3 24.6 37.0

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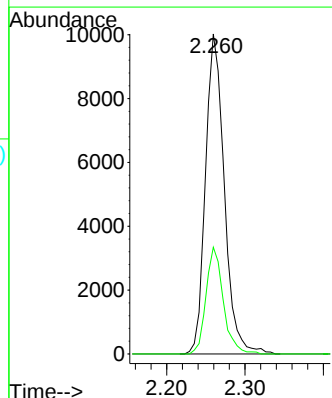
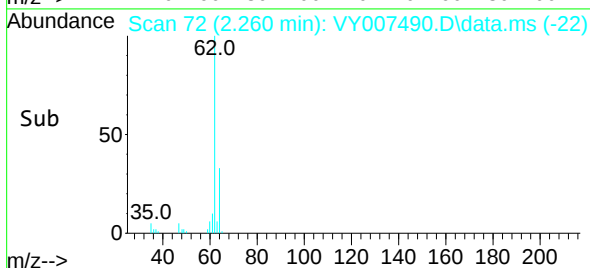
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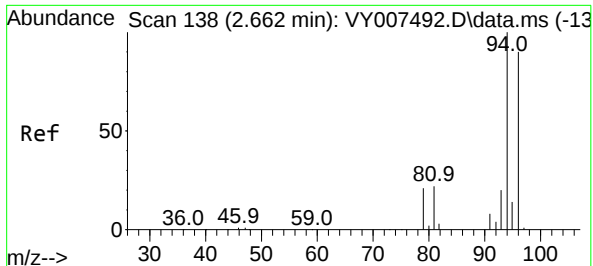


#4
Vinyl Chloride
Concen: 11.095 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



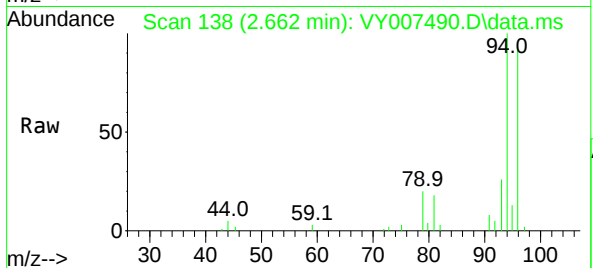
Tgt Ion: 62 Resp: 16698
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6





#5
Bromomethane
Concen: 11.131 ug/l
RT: 2.662 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

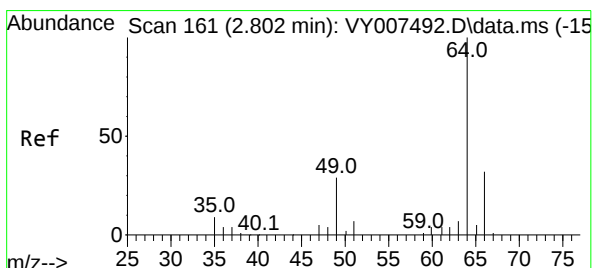
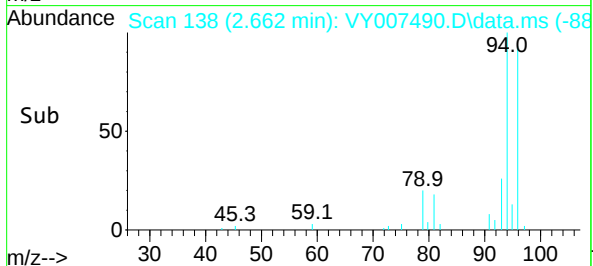
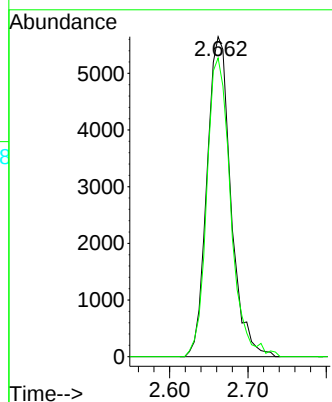
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 1194
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3

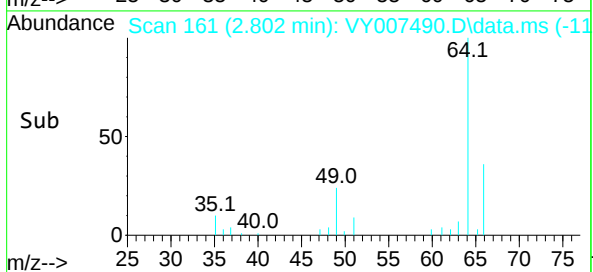
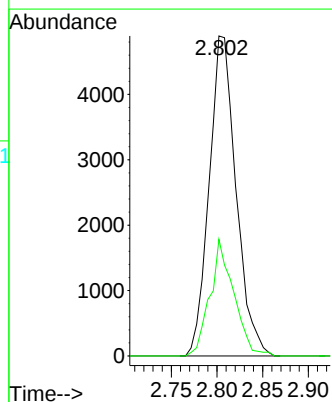
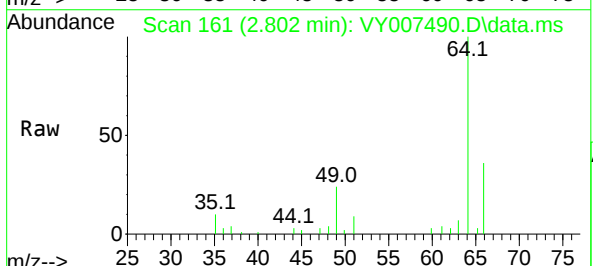
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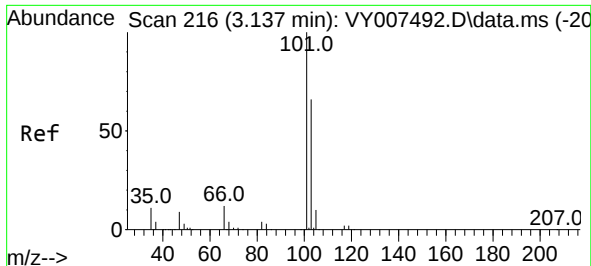
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#6
Chloroethane
Concen: 11.027 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007490.D
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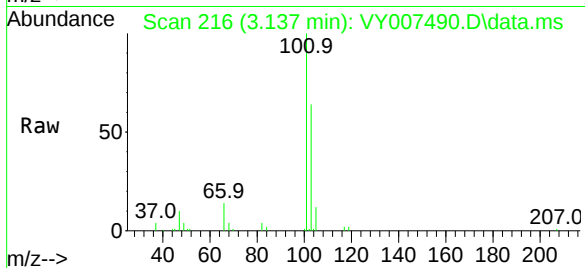
Tgt Ion: 64 Resp: 10014
Ion Ratio Lower Upper
64 100
66 36.4 25.4 38.0





#7
Trichlorofluoromethane
Concen: 9.930 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

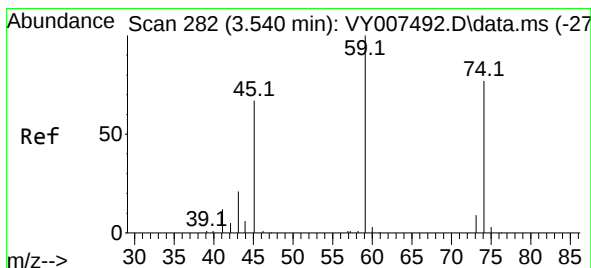
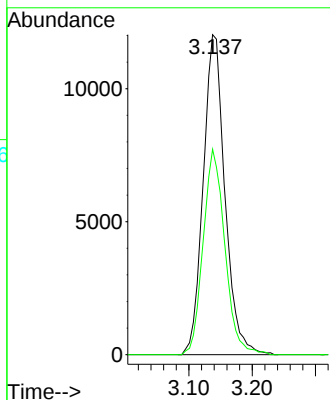
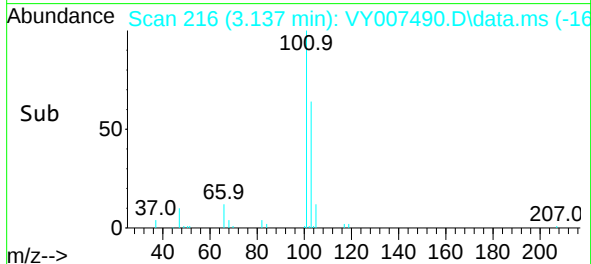
Instrument :
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Tgt Ion:101 Resp: 28778
Ion Ratio Lower Upper
101 100
103 64.2 48.0 72.0

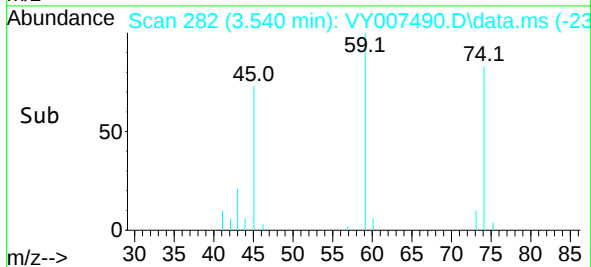
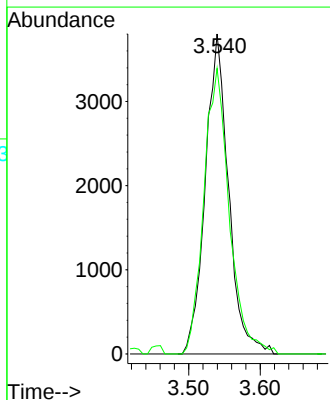
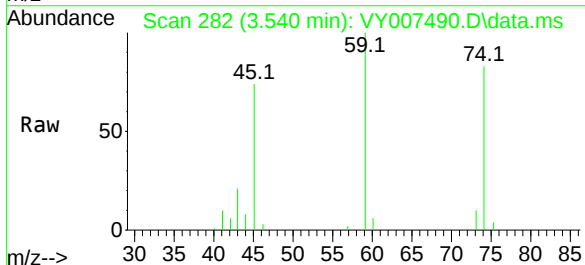
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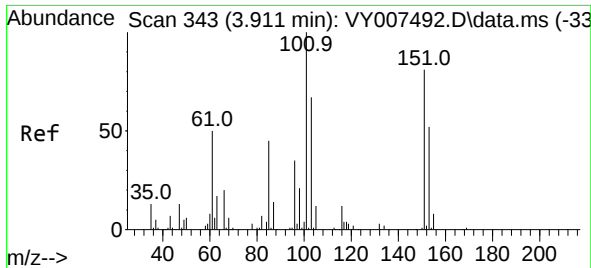
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#8
Diethyl Ether
Concen: 10.351 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 74 Resp: 8601
Ion Ratio Lower Upper
74 100
45 97.7 55.1 165.5





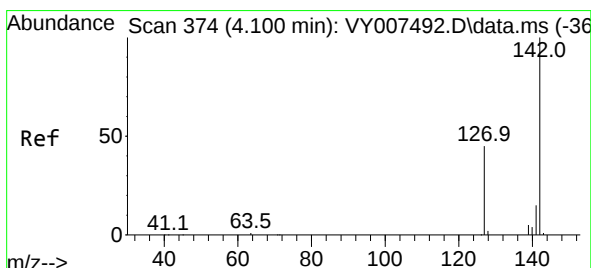
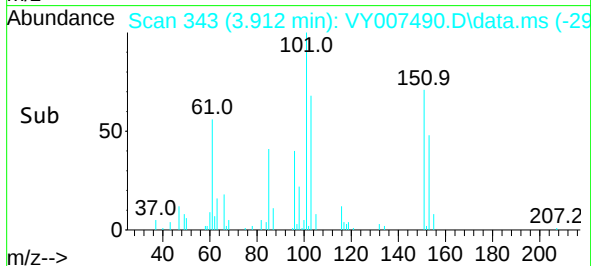
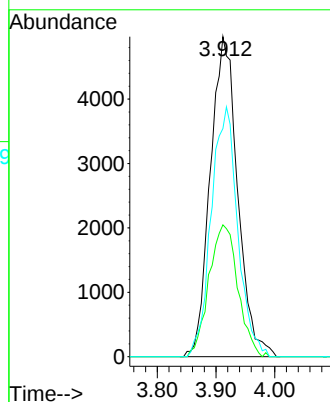
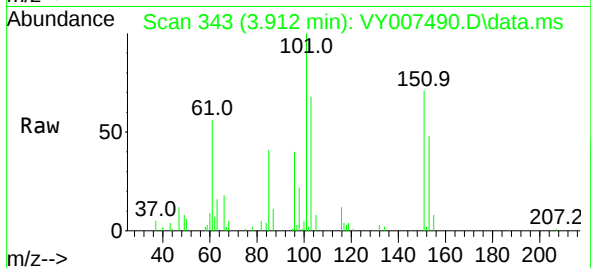
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.041 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 16064
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 75.7 64.9 97.3

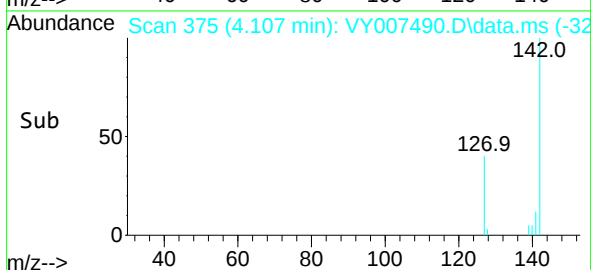
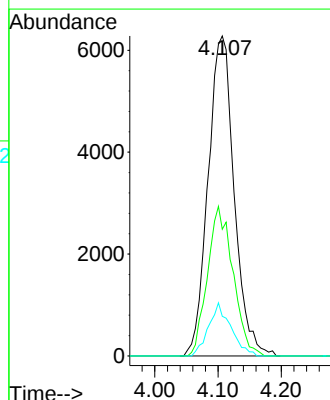
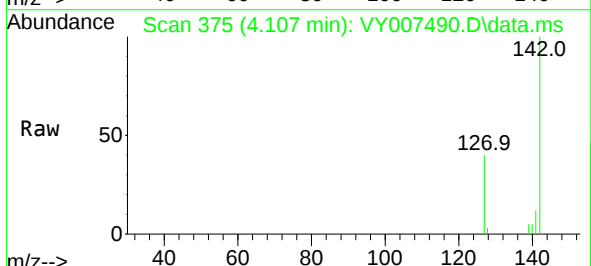
Manual Integrations
APPROVED

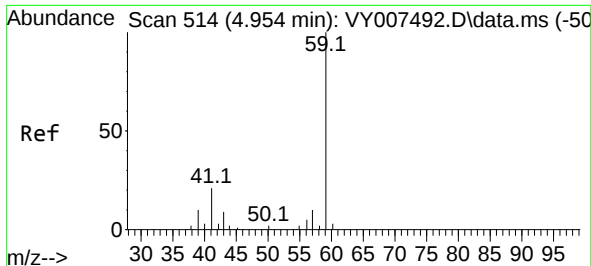
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 9.433 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

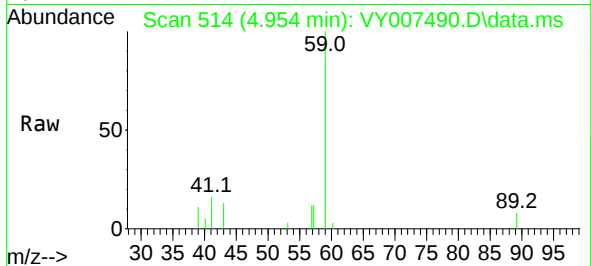
Tgt Ion:142 Resp: 18010
Ion Ratio Lower Upper
142 100
127 45.7 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 50.940 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

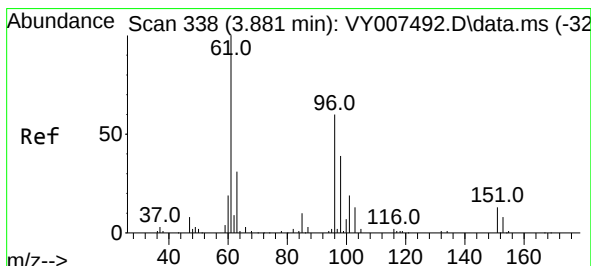
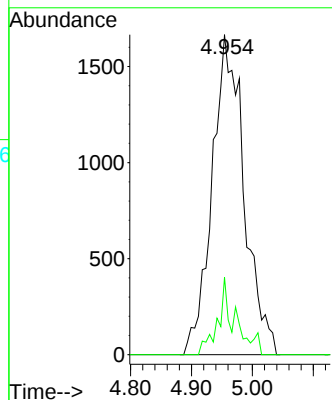
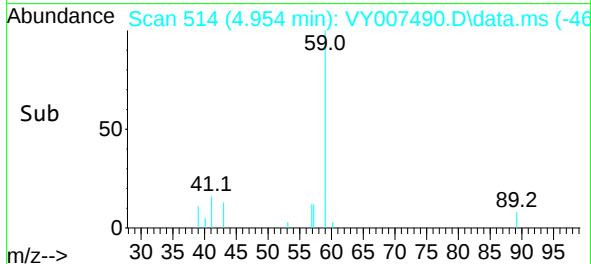
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 8.1 6.4 9.6

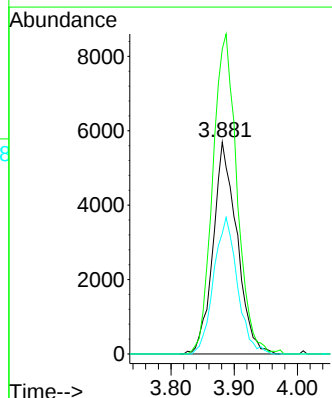
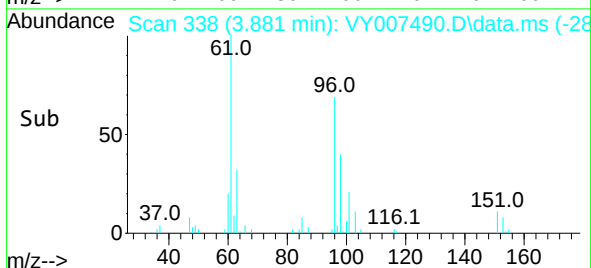
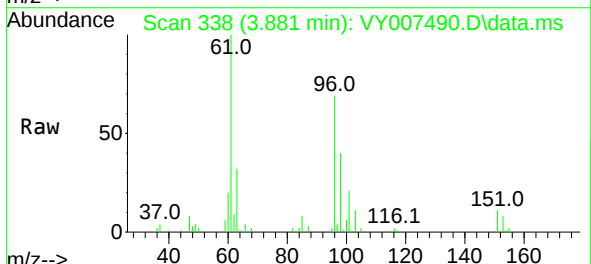
Manual Integrations
APPROVED

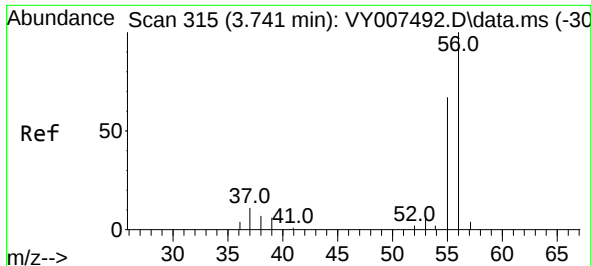
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#12
1,1-Dichloroethene
Concen: 10.022 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

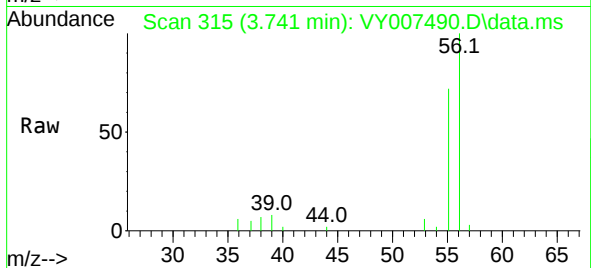
Tgt Ion: 96 Resp: 14862
Ion Ratio Lower Upper
96 100
61 143.9 145.8 218.6#
98 56.9 52.5 78.7





#13
Acrolein
Concen: 58.856 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

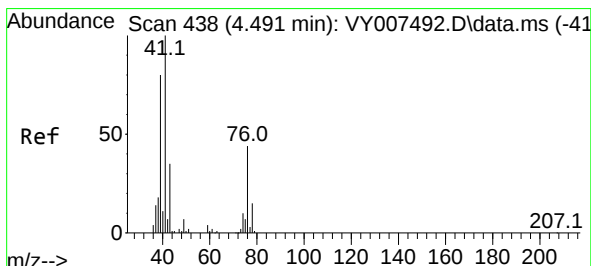
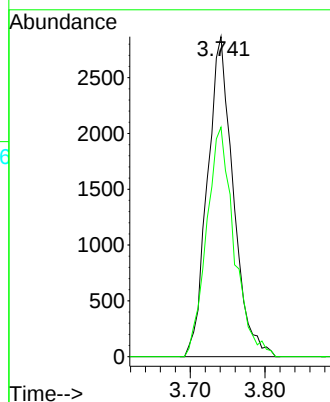
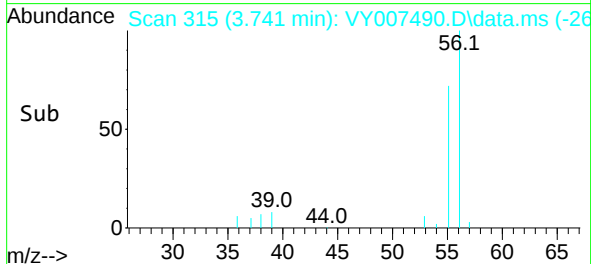
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



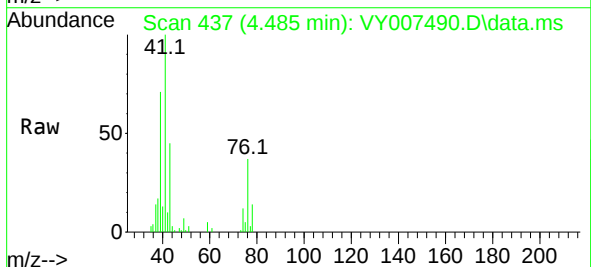
Tgt Ion: 56 Resp: 6879
Ion Ratio Lower Upper
56 100
55 76.6 57.6 86.4

Manual Integrations
APPROVED

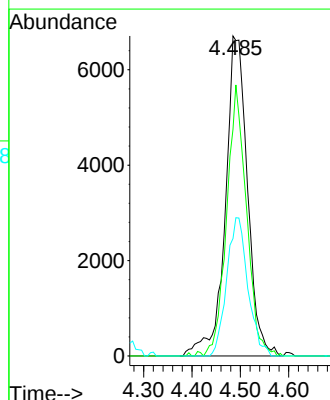
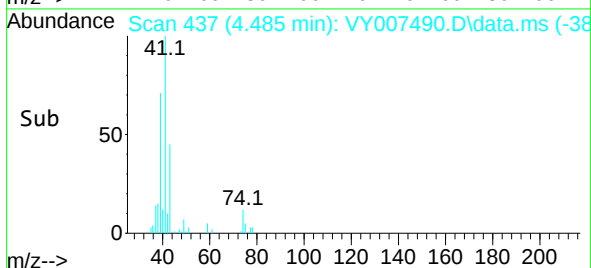
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

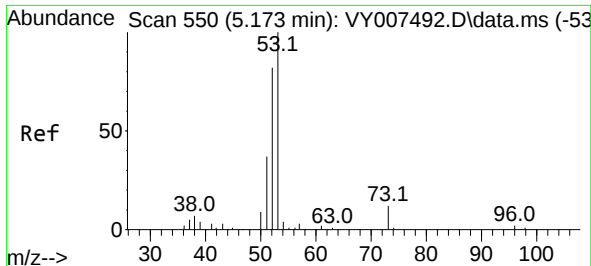


#14
Allyl chloride
Concen: 10.251 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



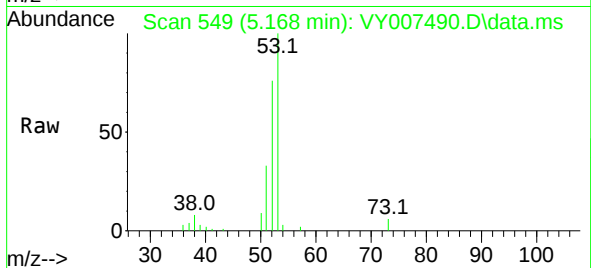
Tgt Ion: 41 Resp: 21333
Ion Ratio Lower Upper
41 100
39 75.6 58.8 88.2
76 41.3 25.1 37.7#





#15
Acrylonitrile
Concen: 54.056 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

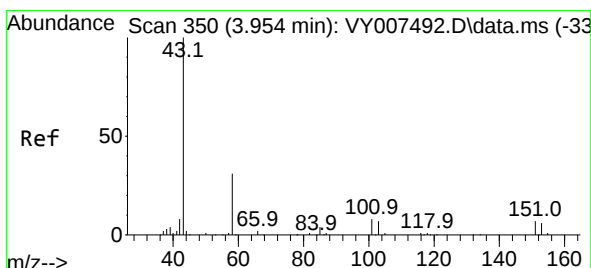
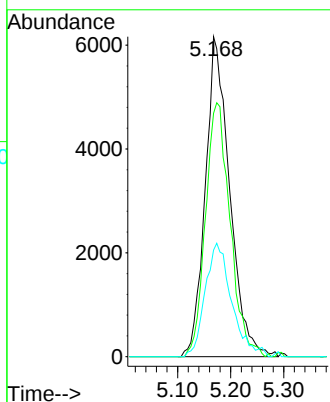
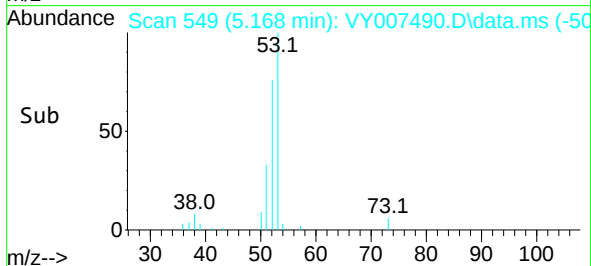
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



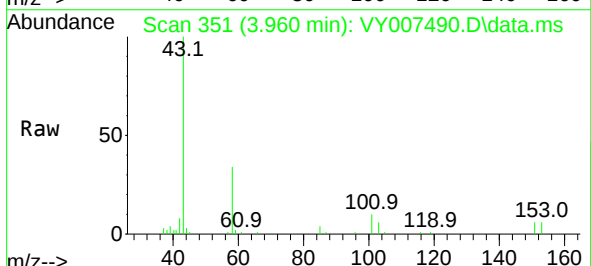
Tgt Ion: 53 Resp: 1964
Ion Ratio Lower Upper
53 100
52 80.2 67.0 100.4
51 38.6 29.8 44.6

Manual Integrations
APPROVED

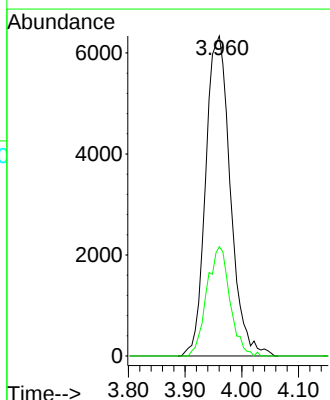
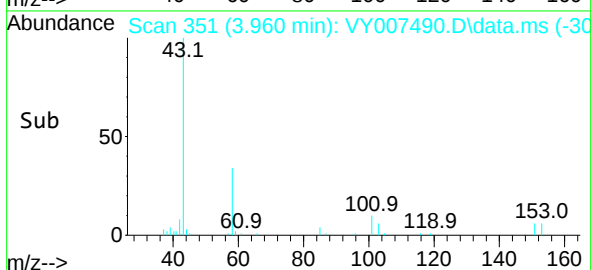
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

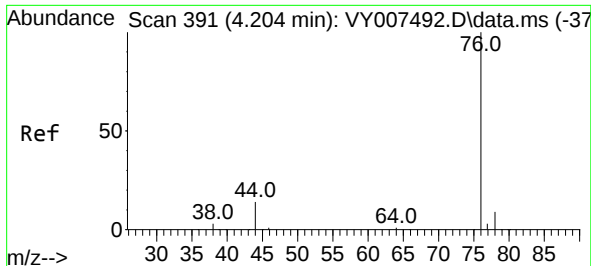


#16
Acetone
Concen: 47.871 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



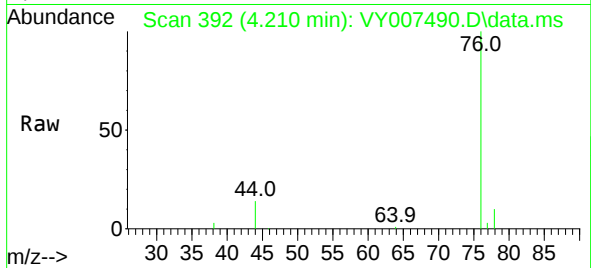
Tgt Ion: 43 Resp: 19136
Ion Ratio Lower Upper
43 100
58 34.2 22.0 33.0#





#17
Carbon Disulfide
Concen: 10.090 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

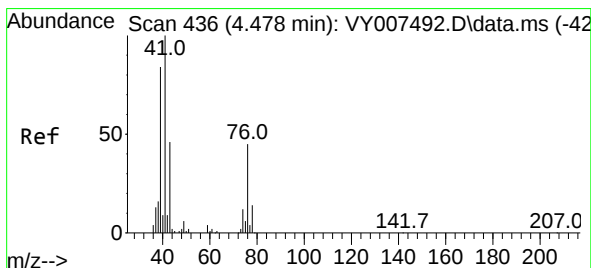
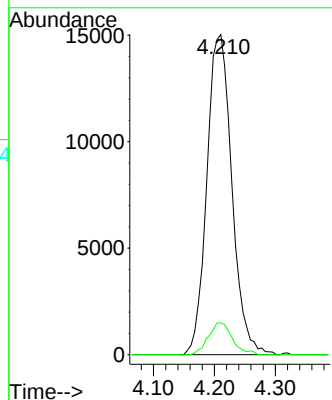
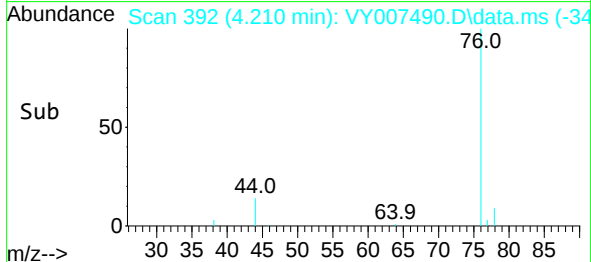
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 4294
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

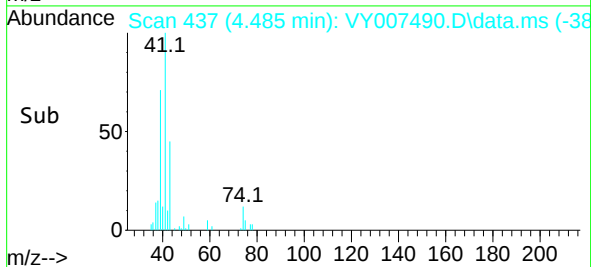
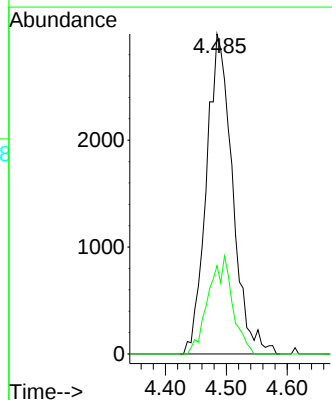
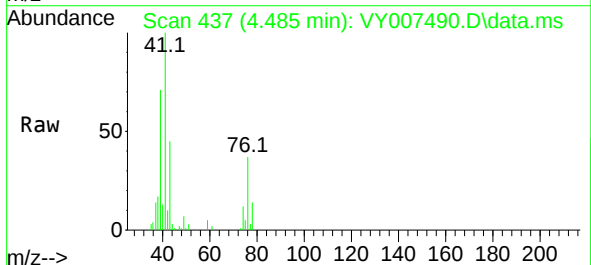
Manual Integrations
APPROVED

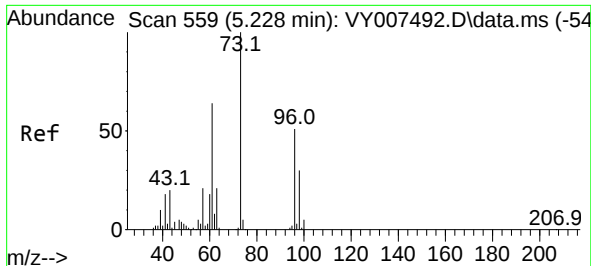
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#18
Methyl Acetate
Concen: 10.451 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

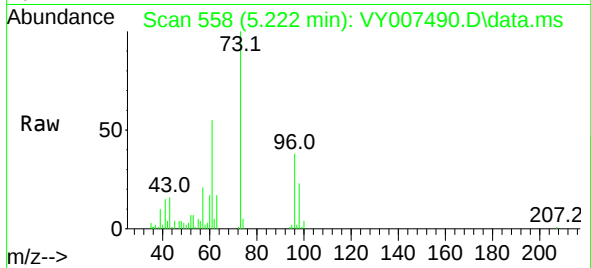
Tgt Ion: 43 Resp: 8896
Ion Ratio Lower Upper
43 100
74 28.2 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 10.389 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

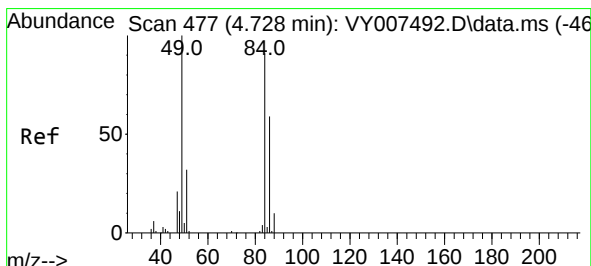
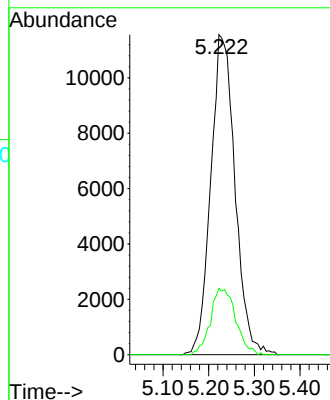
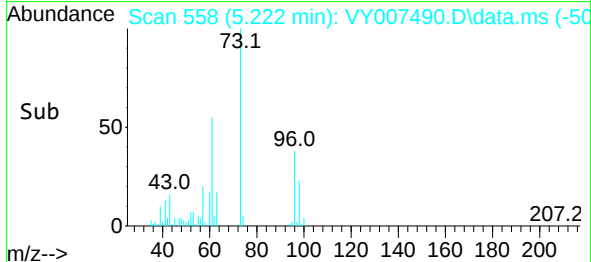
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 73 Resp: 42649
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8

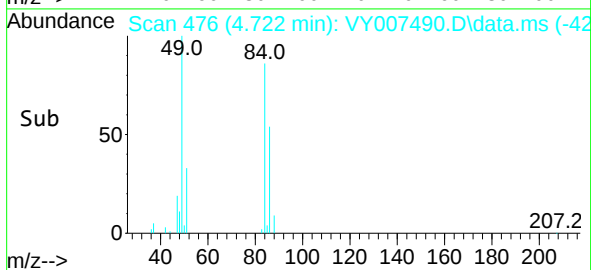
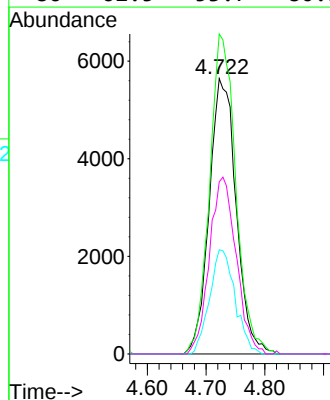
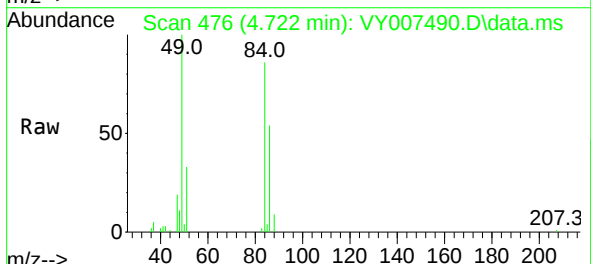
Manual Integrations
APPROVED

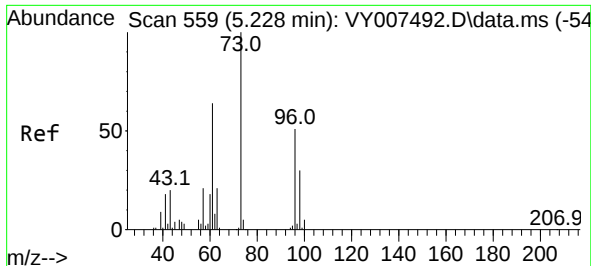
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 10.838 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

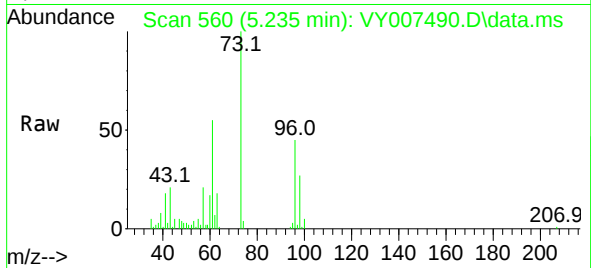
Tgt Ion: 84 Resp: 17965
Ion Ratio Lower Upper
84 100
49 116.2 114.4 171.6
51 37.8 35.3 52.9
86 62.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 9.787 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

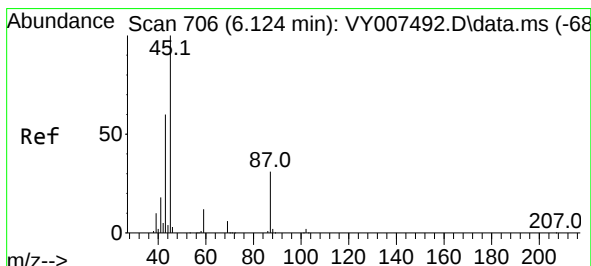
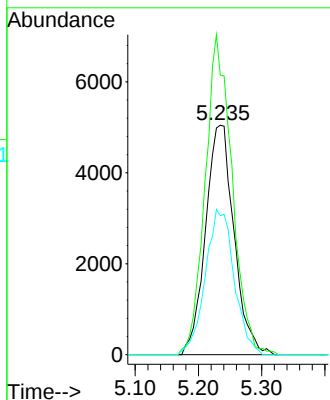
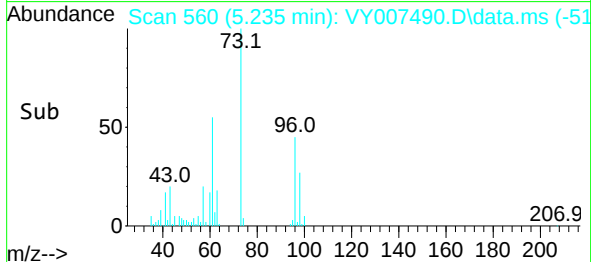
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 1580
Ion Ratio Lower Upper
96 100
61 121.9 120.5 180.7
98 60.5 49.8 74.8

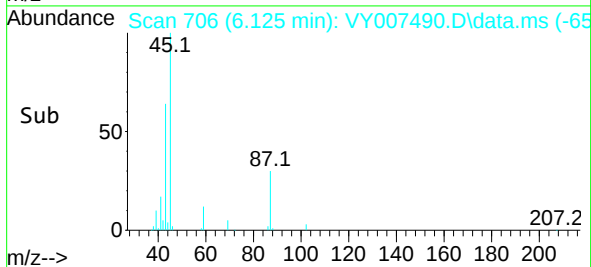
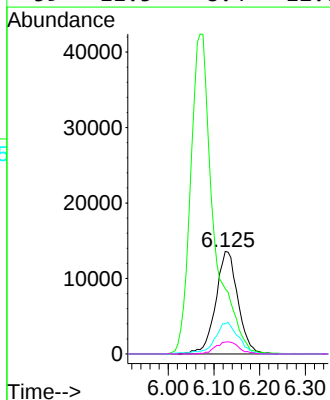
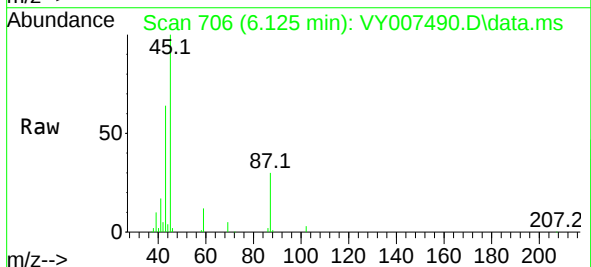
Manual Integrations
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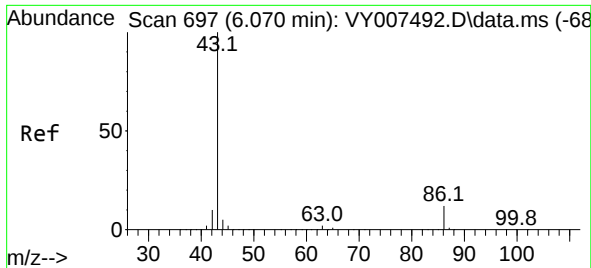
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#22
Diisopropyl ether
Concen: 10.597 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 45 Resp: 45799
Ion Ratio Lower Upper
45 100
43 63.0 49.3 73.9
87 29.6 19.2 28.8#
59 11.5 8.4 12.6





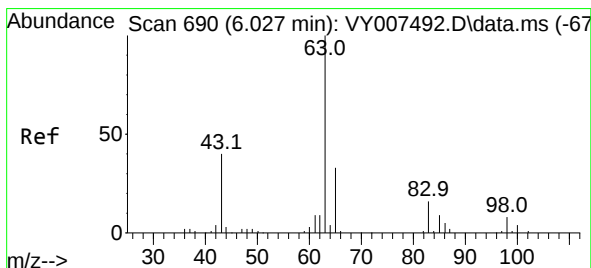
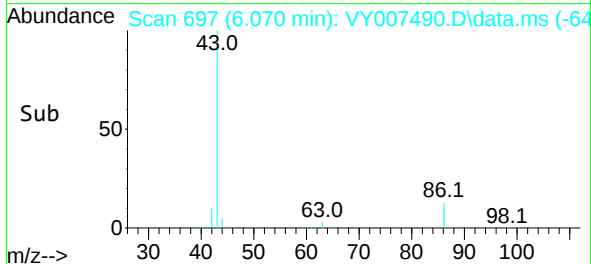
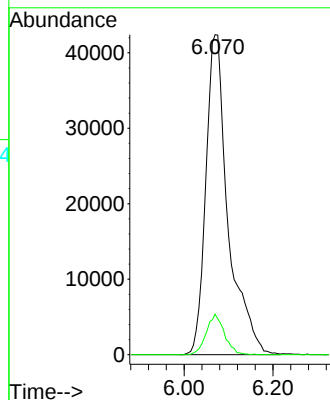
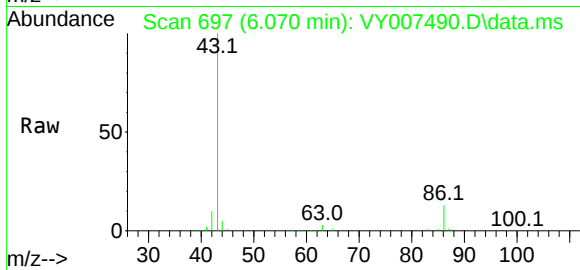
#23
 Vinyl Acetate
 Concen: 53.549 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY007490.D
 Acq: 14 Feb 2022 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 147872
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7

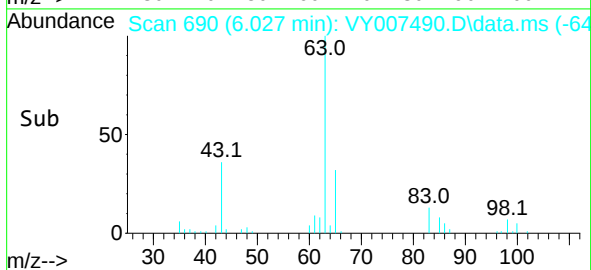
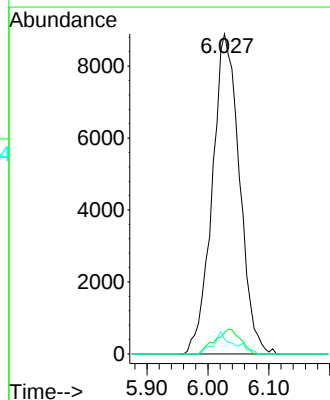
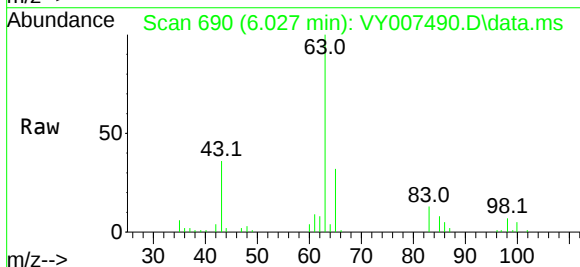
Manual Integrations
 APPROVED

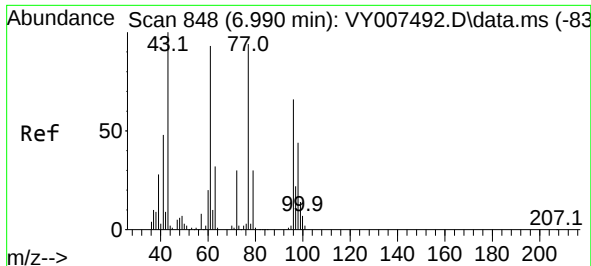
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 10.188 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007490.D
 Acq: 14 Feb 2022 11:43

Tgt Ion: 63 Resp: 27600
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 52.600 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 25862

Ion Ratio Lower Upper

43 100

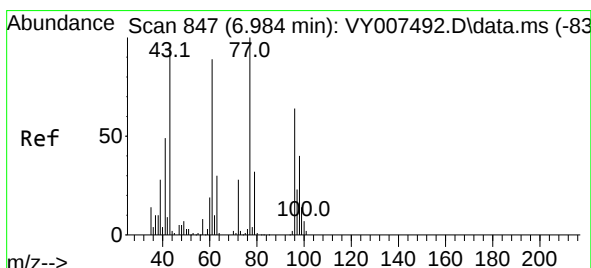
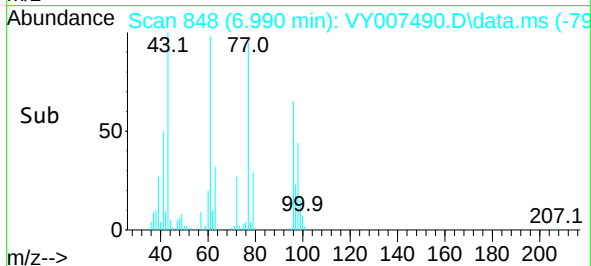
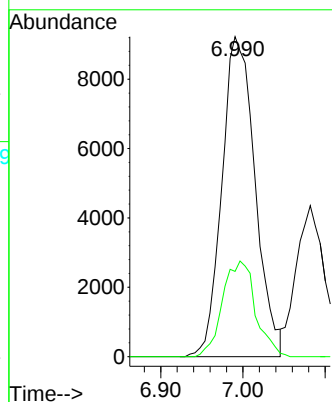
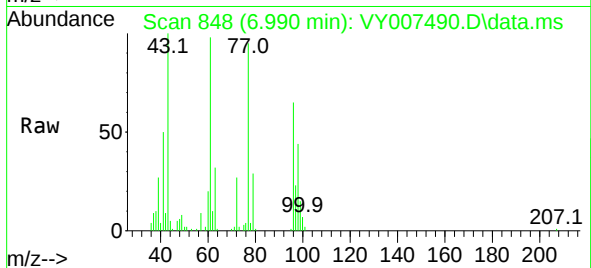
72 26.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#26

2,2-Dichloropropane

Concen: 9.623 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007490.D

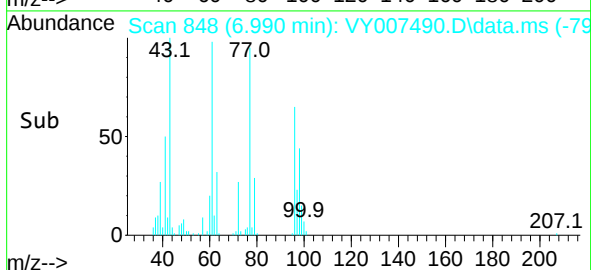
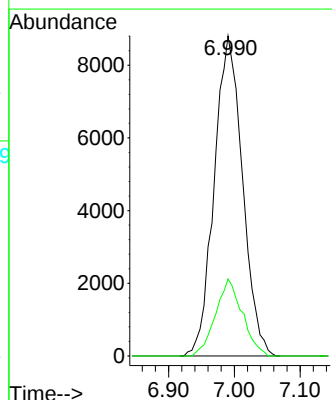
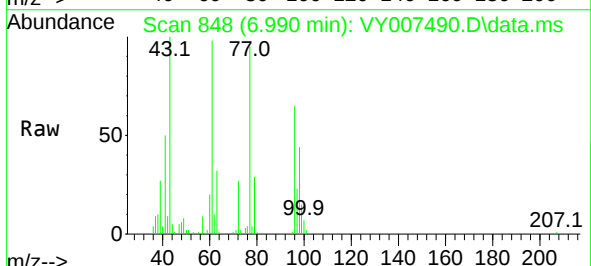
Acq: 14 Feb 2022 11:43

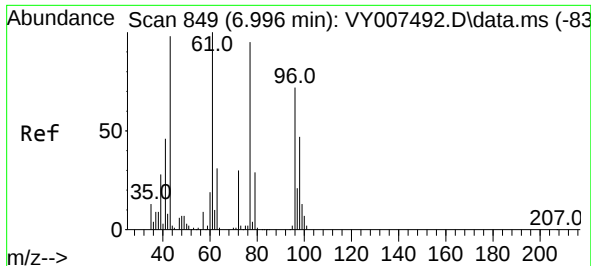
Tgt Ion: 77 Resp: 26336

Ion Ratio Lower Upper

77 100

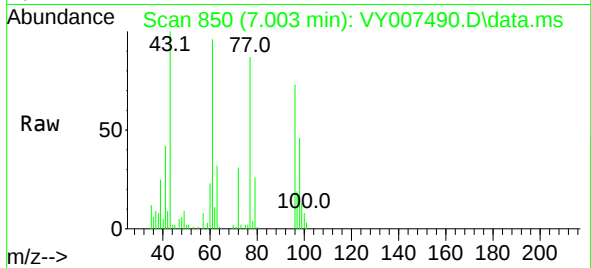
97 22.8 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 9.791 ug/l
RT: 7.003 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

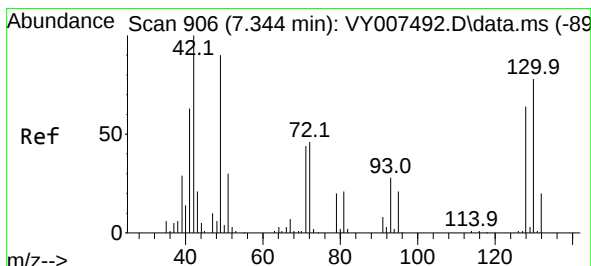
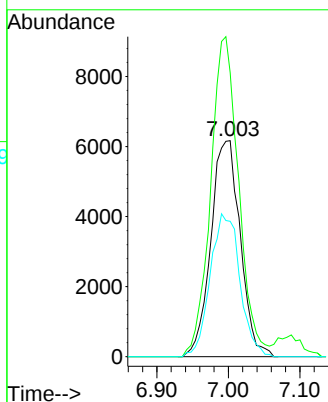
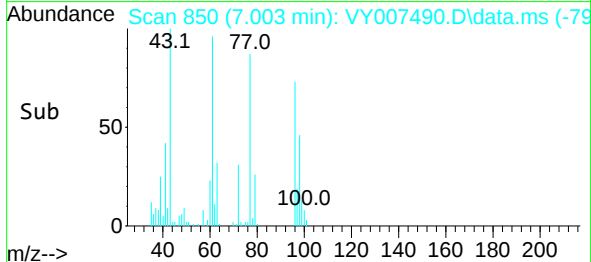
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 17614
Ion Ratio Lower Upper
96 100
61 141.4 0.0 319.8
98 66.7 0.0 127.0

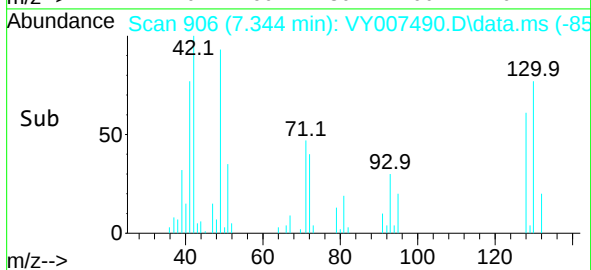
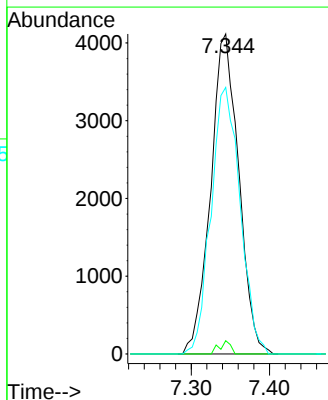
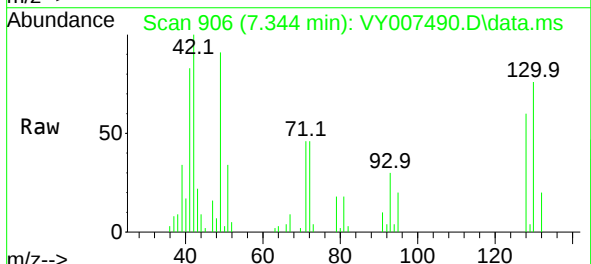
Manual Integrations
APPROVED

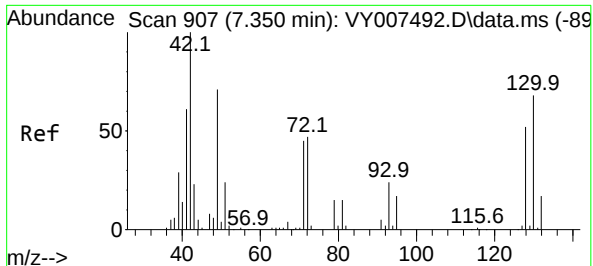
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
Bromochloromethane
Concen: 9.898 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 49 Resp: 10268
Ion Ratio Lower Upper
49 100
129 1.7 0.0 2.2
130 86.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 54.246 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 42 Resp: 15504

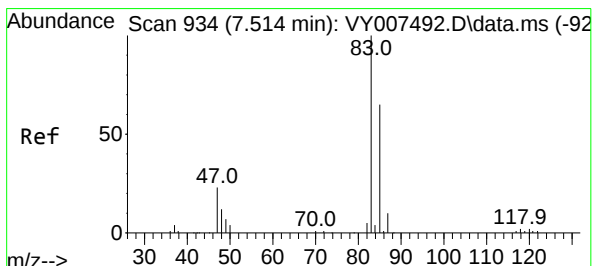
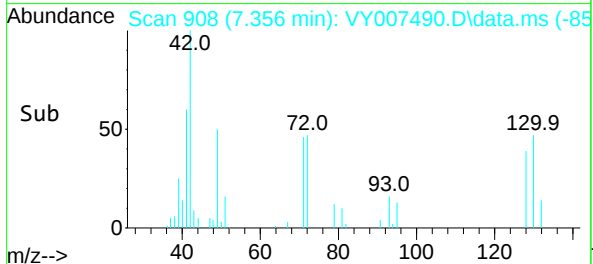
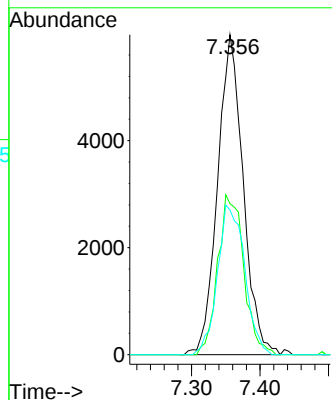
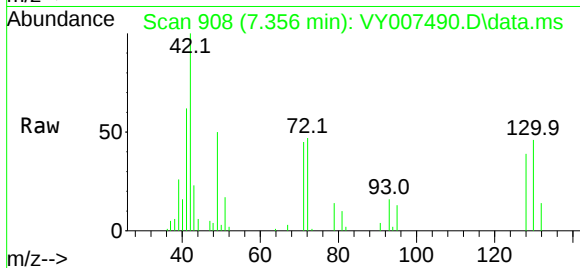
Ion	Ratio	Lower	Upper
42	100		
72	50.6	30.3	45.5
71	49.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 9.946 ug/l

RT: 7.515 min Scan# 934

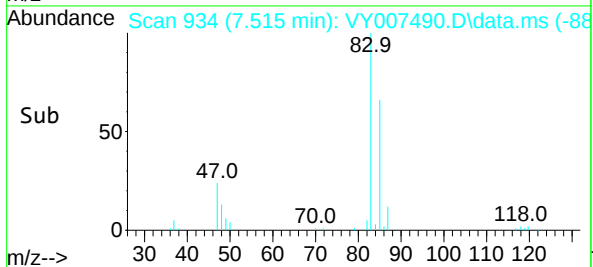
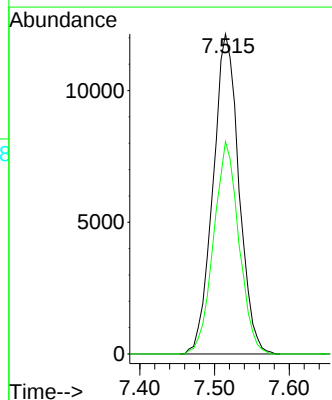
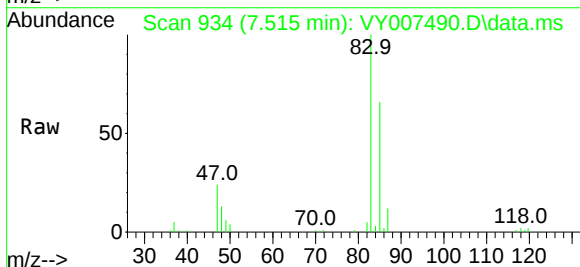
Delta R.T. 0.007 min

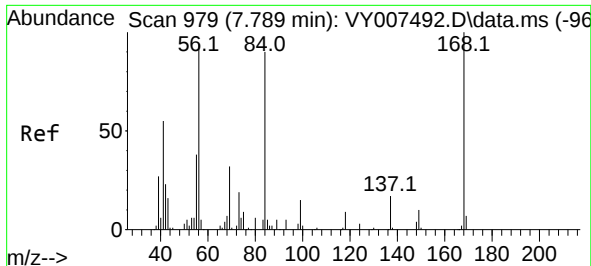
Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Tgt Ion: 83 Resp: 29250

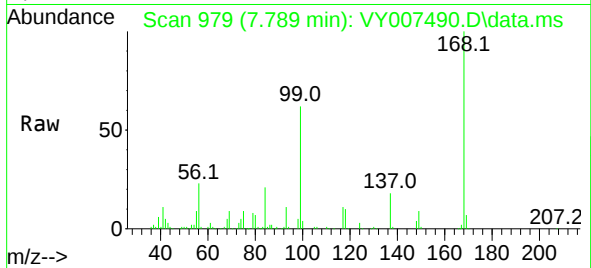
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6





#31
Cyclohexane
Concen: 10.582 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

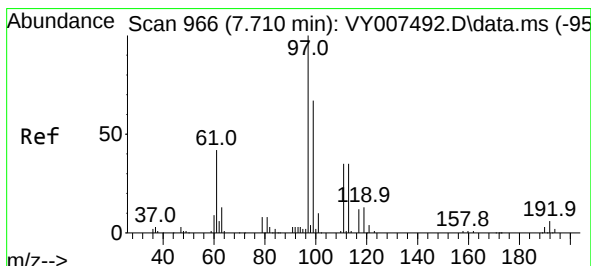
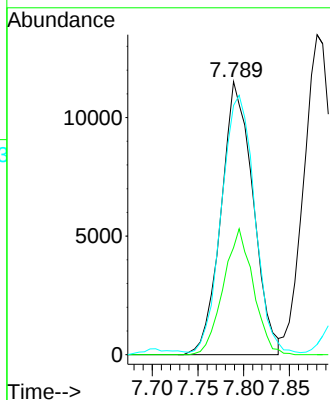
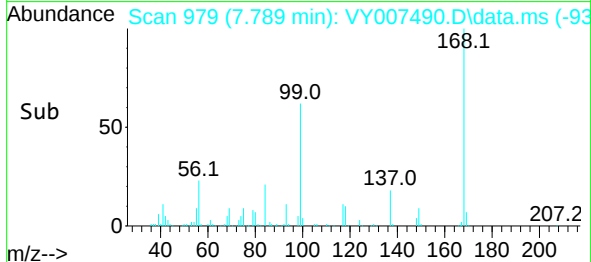
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



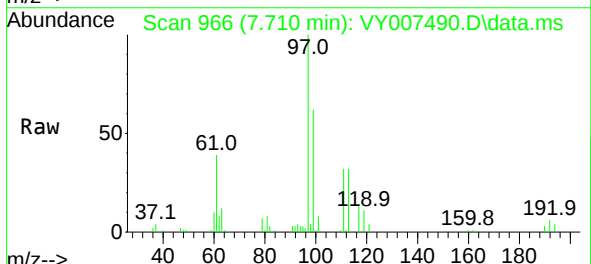
Tgt Ion: 56 Resp: 2803
Ion Ratio Lower Upper
56 100
69 39.2 26.7 40.1
84 89.8 67.2 100.8

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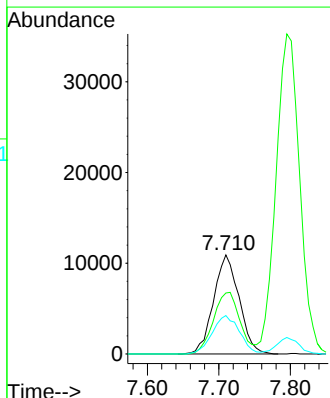
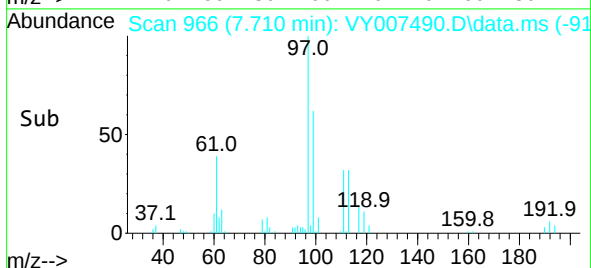
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

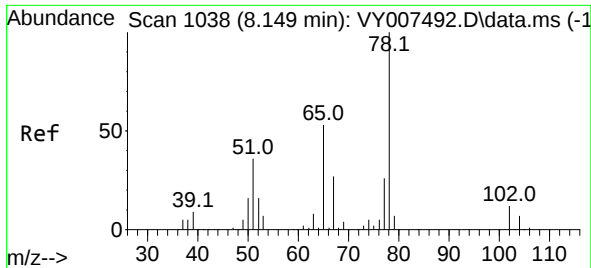


#32
1,1,1-Trichloroethane
Concen: 9.566 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



Tgt Ion: 97 Resp: 27008
Ion Ratio Lower Upper
97 100
99 65.4 50.7 76.1
61 41.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 10.135 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1526

Ion Ratio Lower Upper

65 100

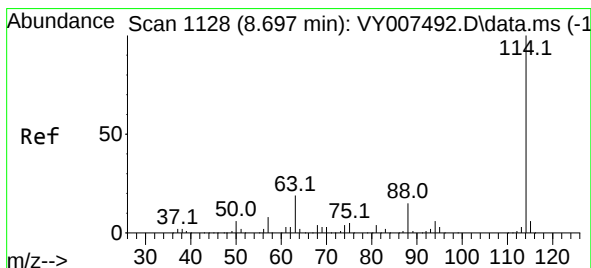
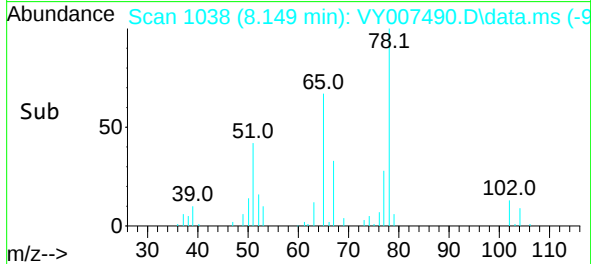
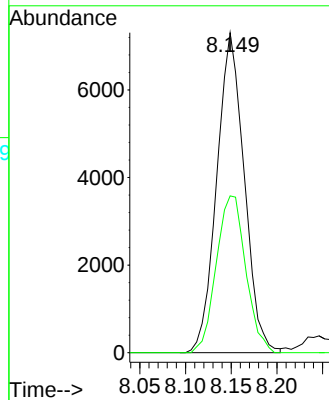
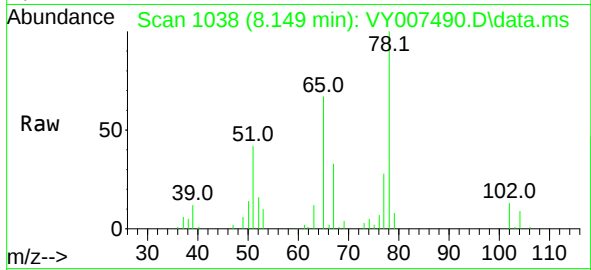
67 52.5 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

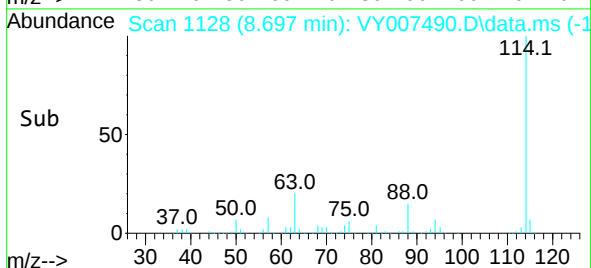
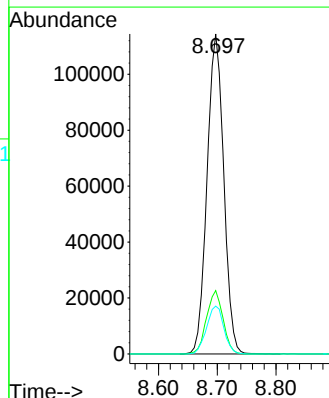
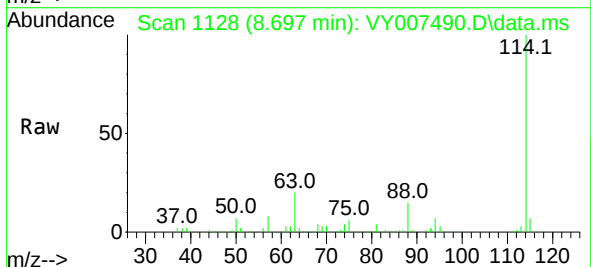
Tgt Ion:114 Resp: 225197

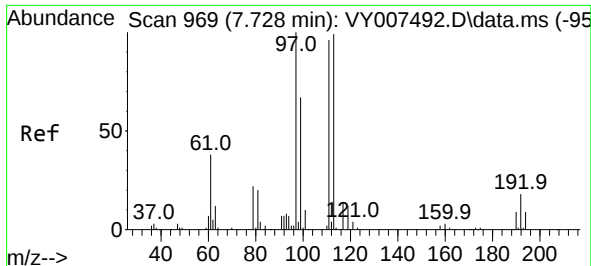
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

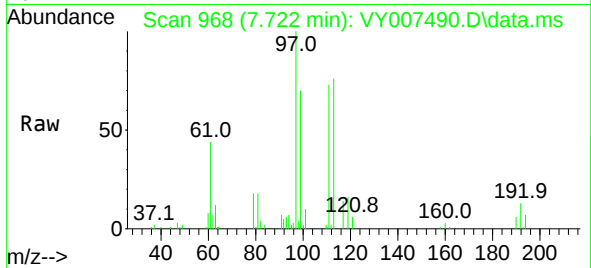
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 9.917 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

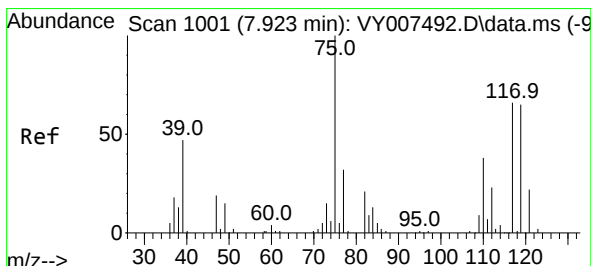
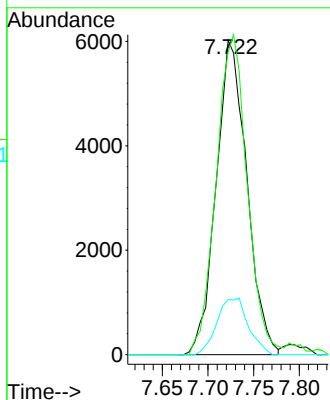
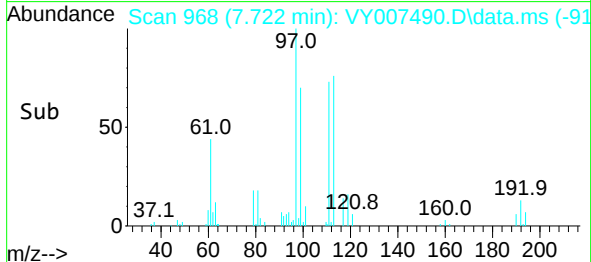
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



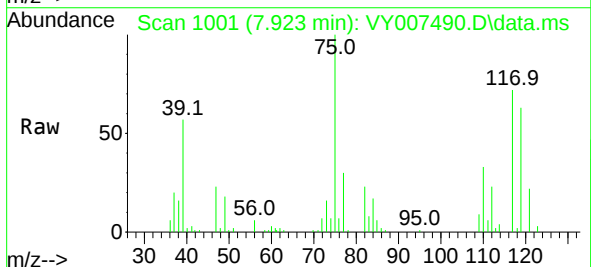
Tgt Ion:113 Resp: 1408
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.3 17.6 26.4

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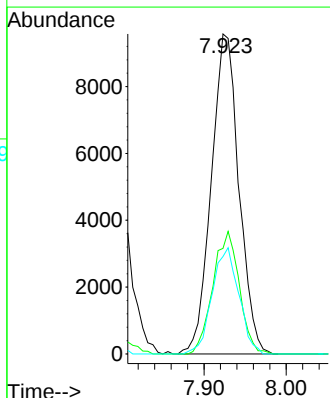
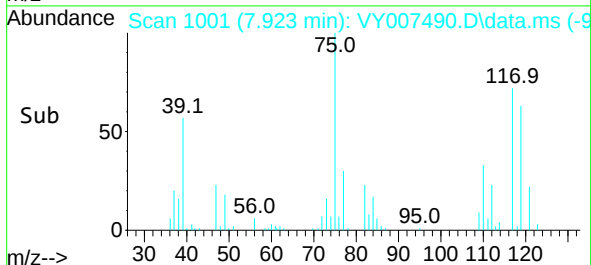
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

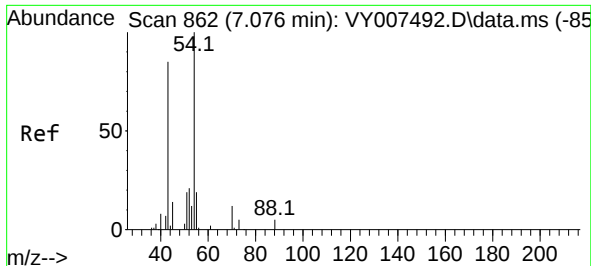


#36
1,1-Dichloropropene
Concen: 9.788 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



Tgt Ion: 75 Resp: 22371
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 10.904 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

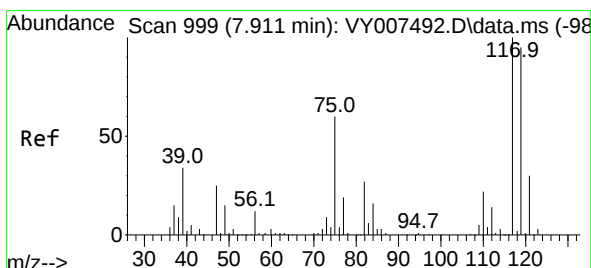
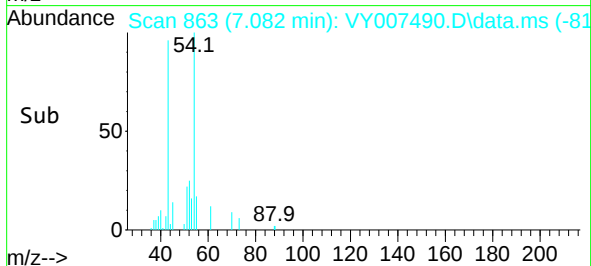
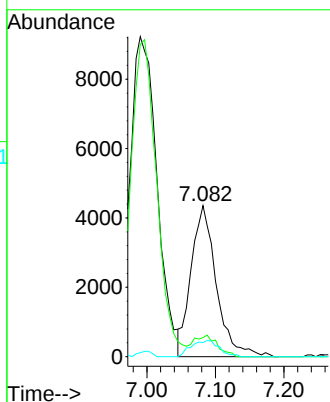
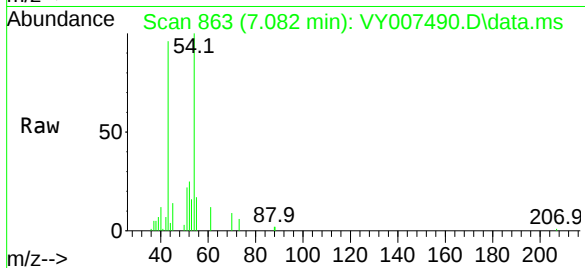
Tgt Ion:	43	Resp:	1115
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	11.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#38

Carbon Tetrachloride

Concen: 9.558 ug/l

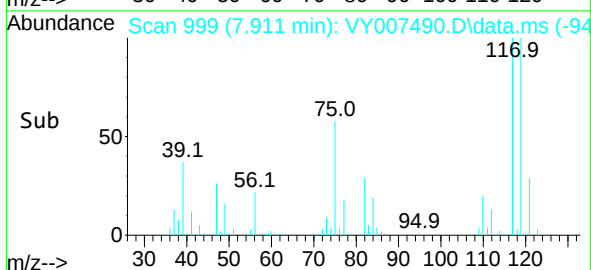
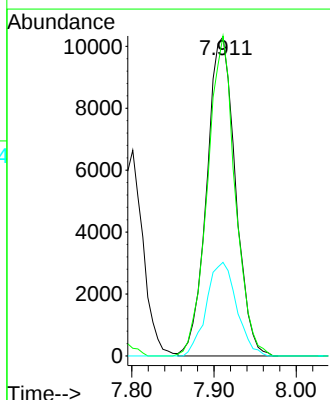
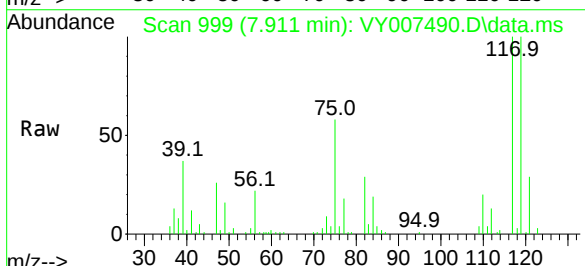
RT: 7.911 min Scan# 999

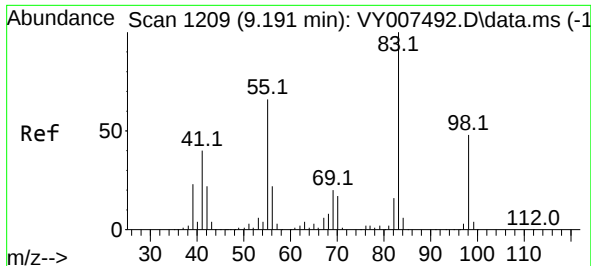
Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Tgt Ion:	117	Resp:	24985
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.9	116.9
121	29.3	24.8	37.2





#39

Methylcyclohexane

Concen: 9.751 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

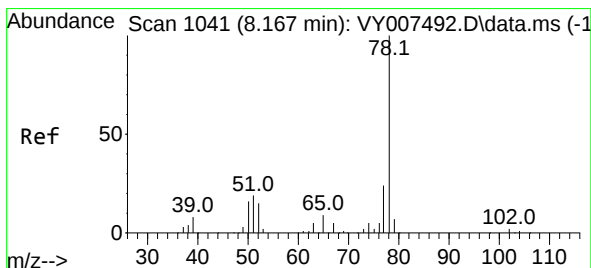
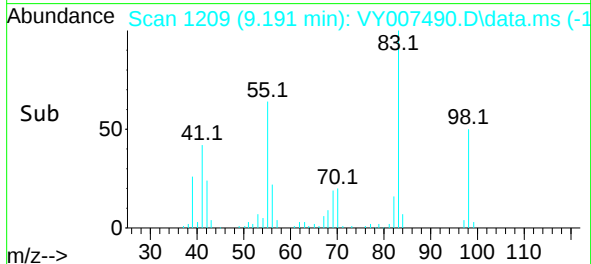
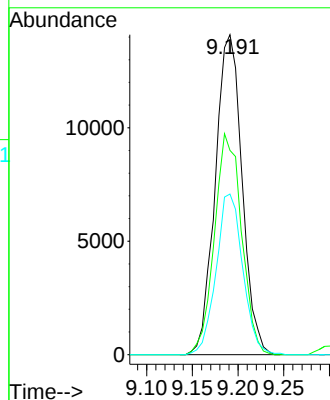
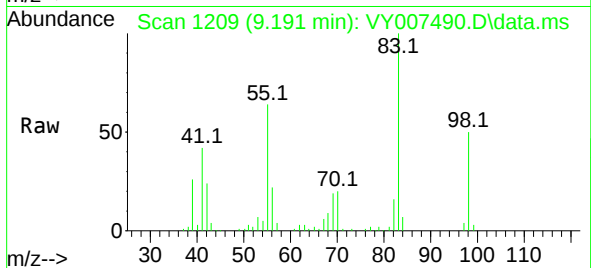
Tgt Ion: 83	Resp: 28820
Ion Ratio	Lower Upper
83 100	
55 63.8	66.5 99.7
98 50.2	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#40

Benzene

Concen: 9.976 ug/l

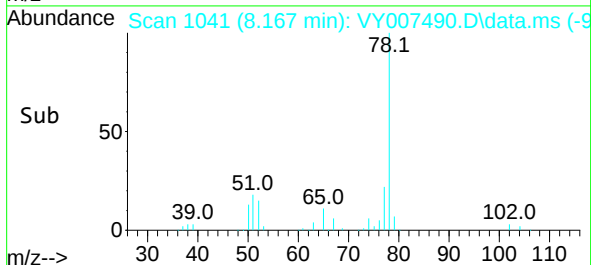
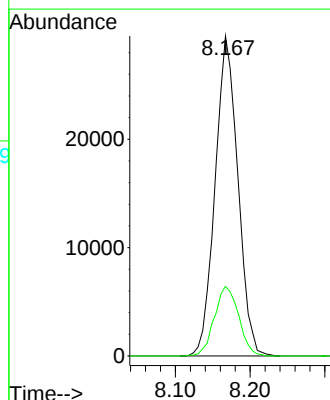
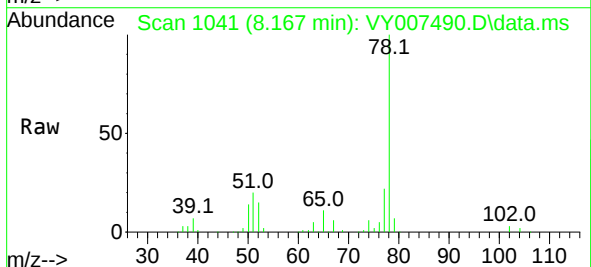
RT: 8.167 min Scan# 1041

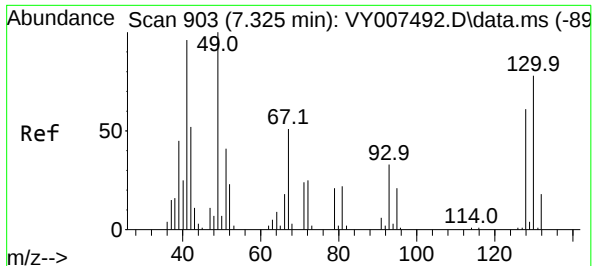
Delta R.T. -0.000 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

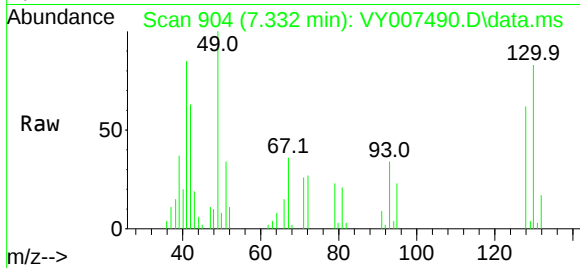
Tgt Ion: 78	Resp: 62534
Ion Ratio	Lower Upper
78 100	
77 21.8	20.4 30.6





#41
Methacrylonitrile
Concen: 9.479 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

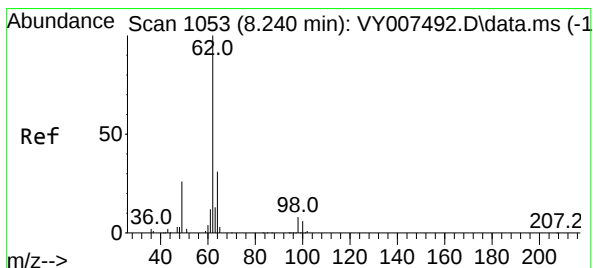
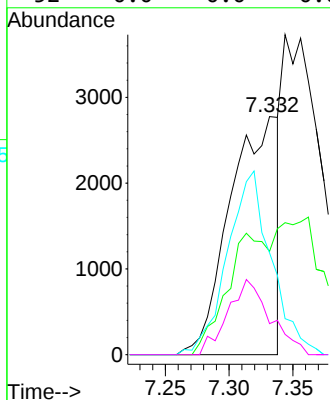
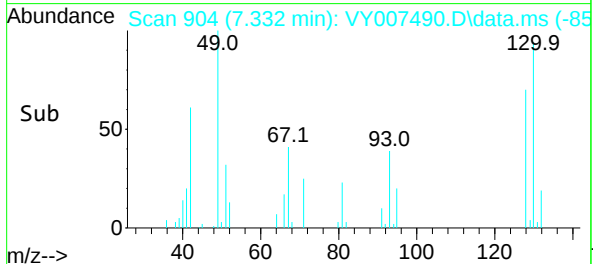
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



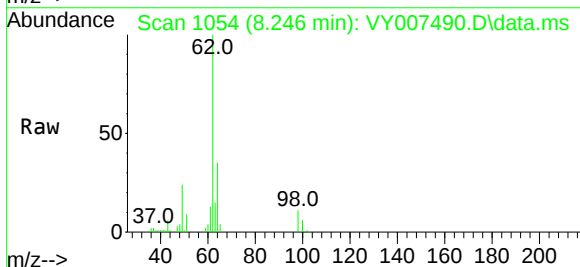
Tgt Ion: 41 Resp: 7330
Ion Ratio Lower Upper
41 100
39 56.3 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

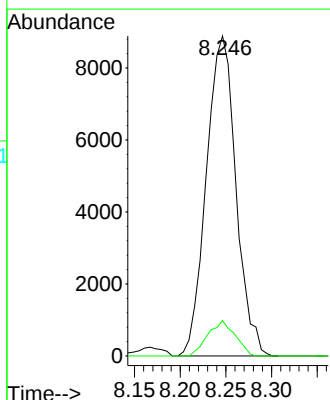
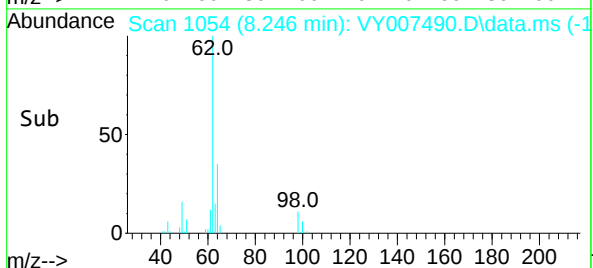
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

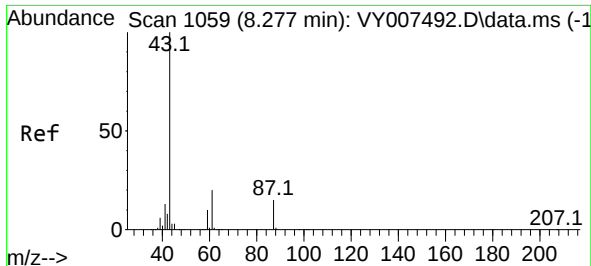


#42
1,2-Dichloroethane
Concen: 10.394 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



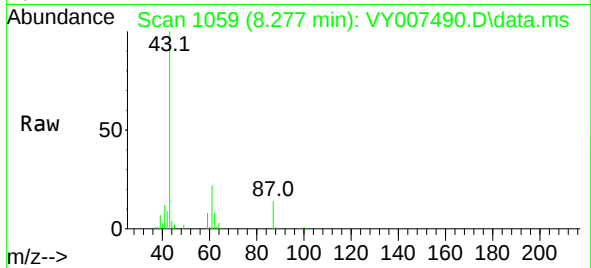
Tgt Ion: 62 Resp: 20044
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 10.629 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

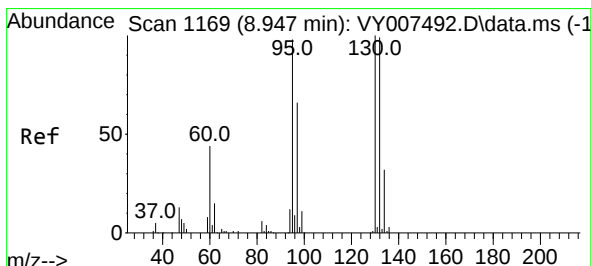
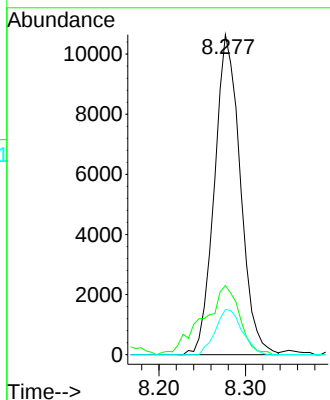
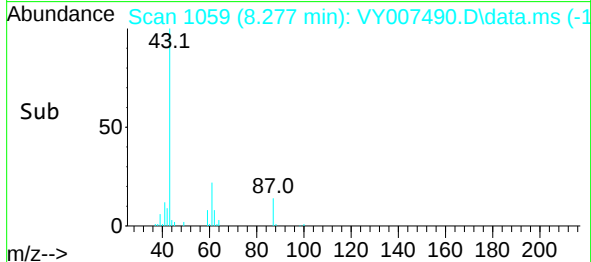
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 22090
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2
87 14.5 8.9 13.3

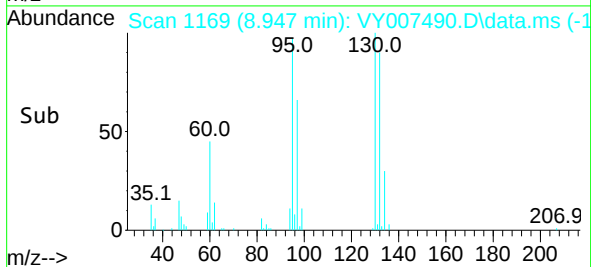
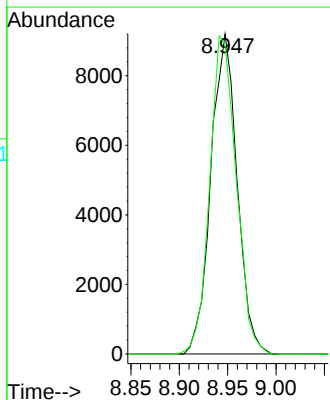
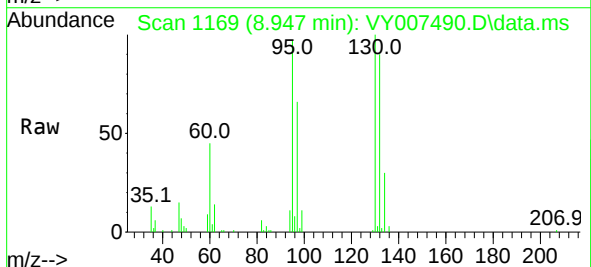
Manual Integrations
APPROVED

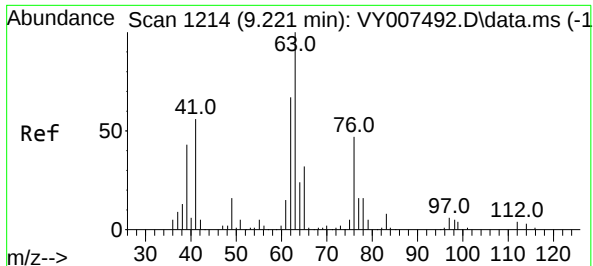
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 9.673 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion:130 Resp: 17345
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.276 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 1523

Ion Ratio Lower Upper

63 100

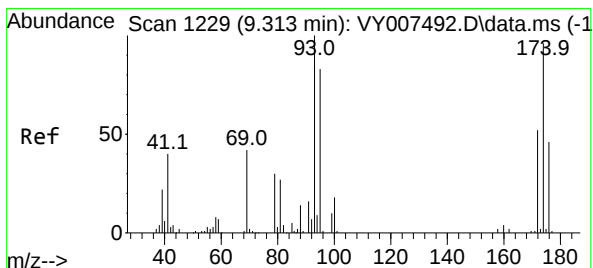
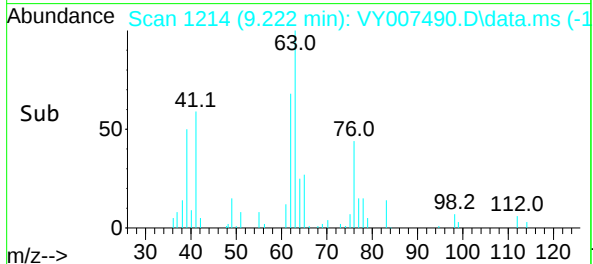
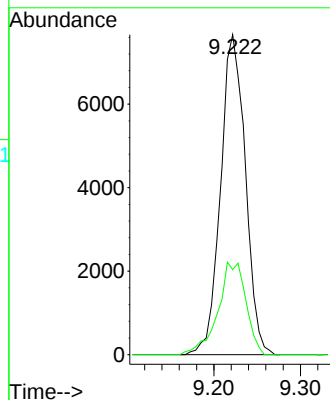
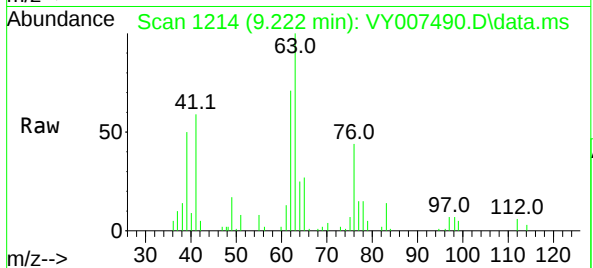
65 26.6 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 10.614 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

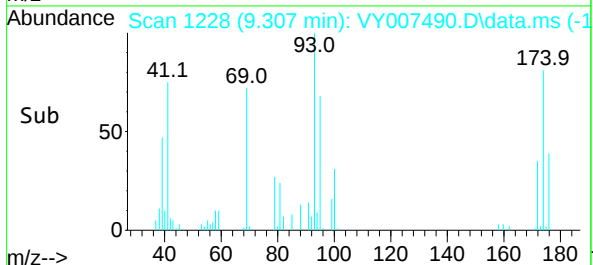
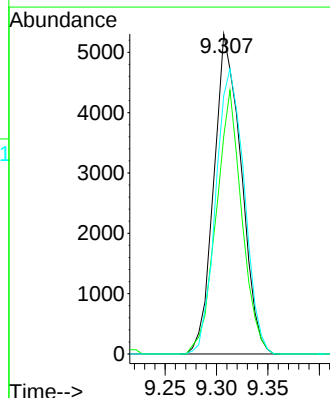
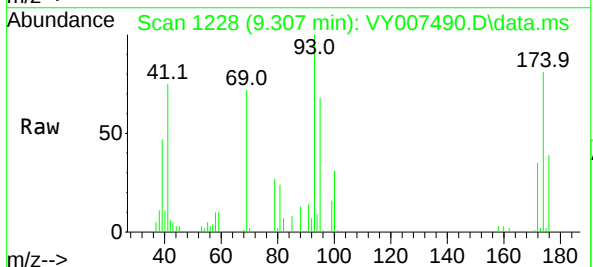
Tgt Ion: 93 Resp: 9798

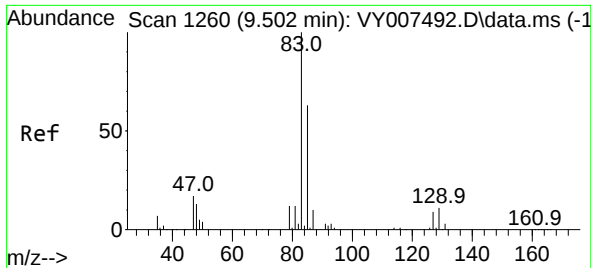
Ion Ratio Lower Upper

93 100

95 77.4 64.3 96.5

174 92.6 83.4 125.0





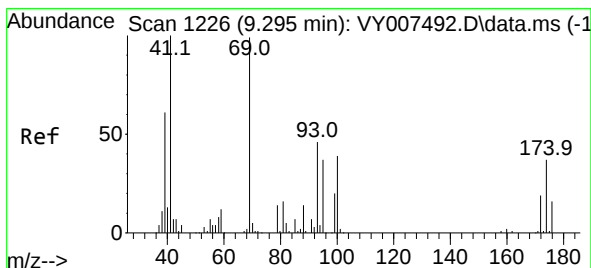
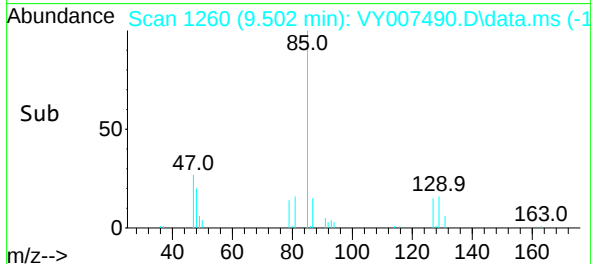
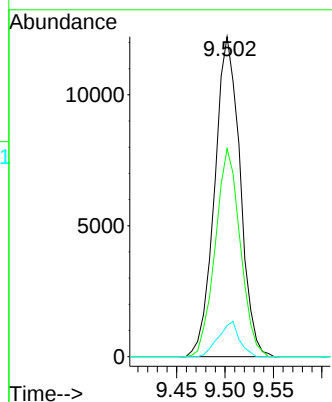
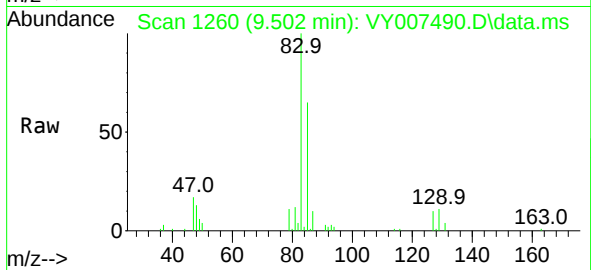
#47
Bromodichloromethane
Concen: 9.921 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 2227
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 9.7 6.6 10.0

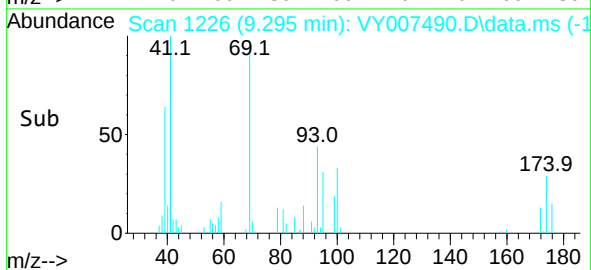
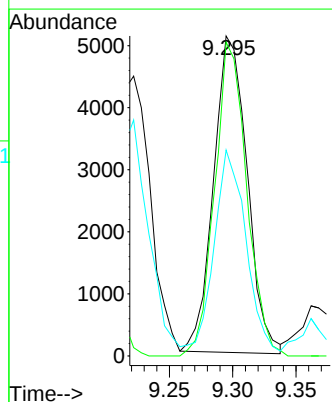
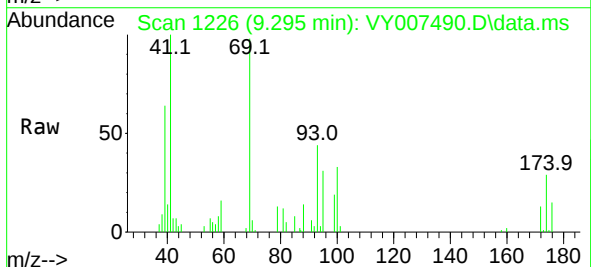
Manual Integrations
APPROVED

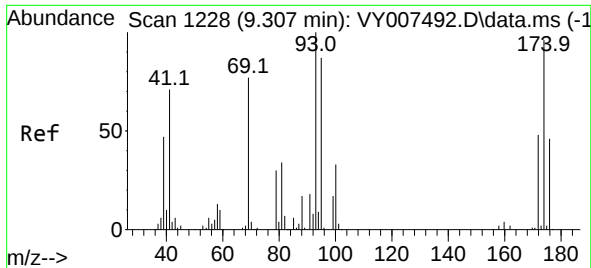
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
Methyl methacrylate
Concen: 10.279 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

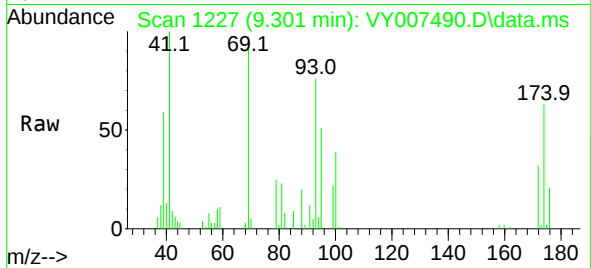
Tgt Ion: 41 Resp: 9421
Ion Ratio Lower Upper
41 100
69 94.4 58.2 87.2#
39 59.2 47.4 71.0





#49
1,4-Dioxane
Concen: 211.343 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

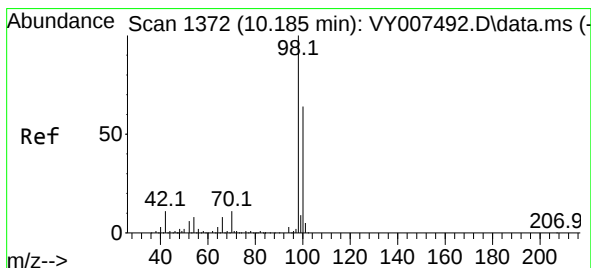
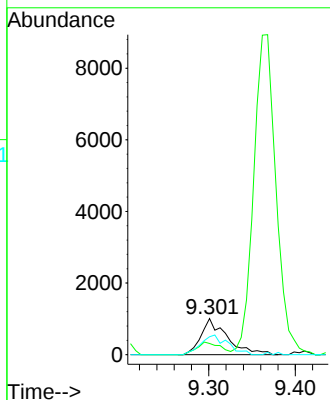
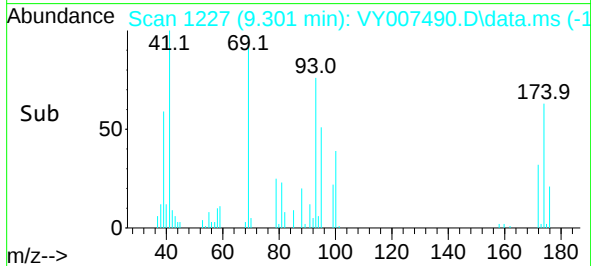
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 88 Resp: 2110
Ion Ratio Lower Upper
88 100
43 31.7 32.8 49.2
58 55.8 59.8 89.6

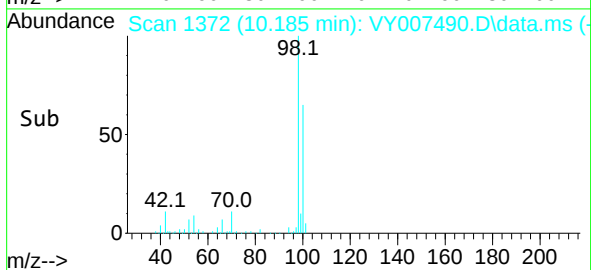
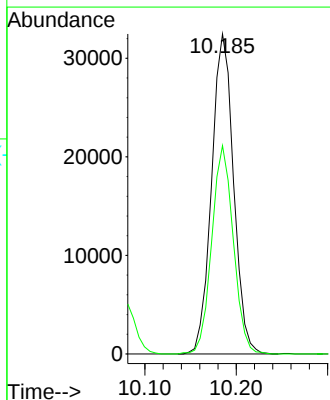
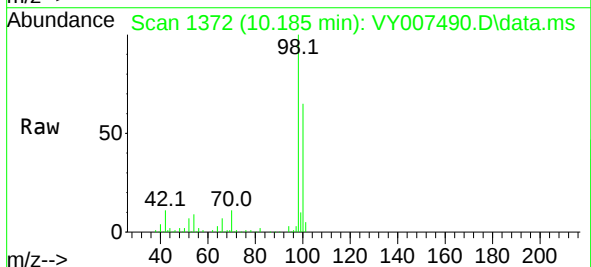
Manual Integrations
APPROVED

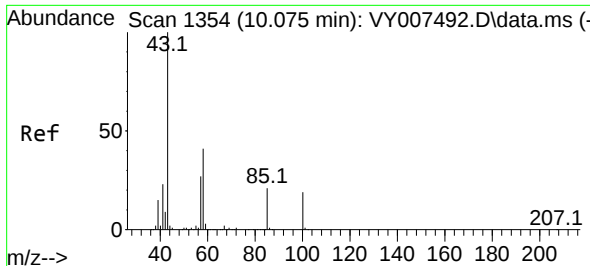
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#50
Toluene-d8
Concen: 10.017 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 98 Resp: 54069
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2





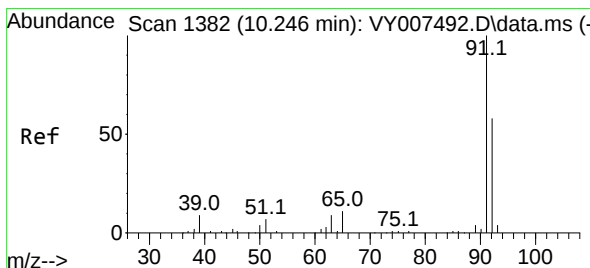
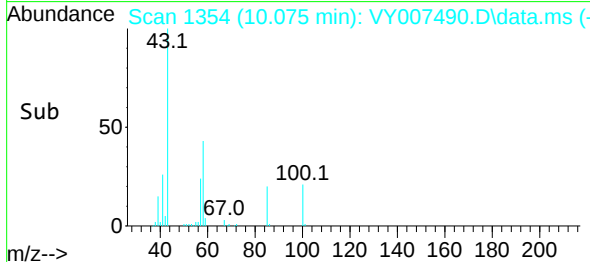
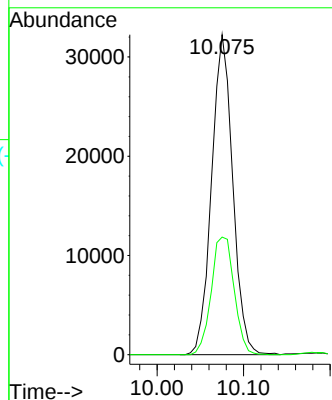
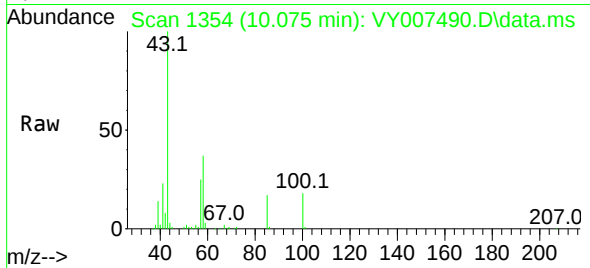
#51
4-Methyl-2-Pentanone
Concen: 53.109 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5471
Ion Ratio Lower Upper
43 100
58 39.9 28.1 42.1

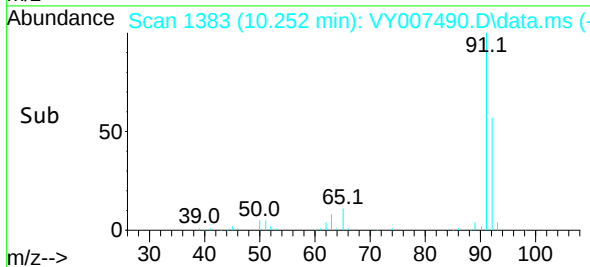
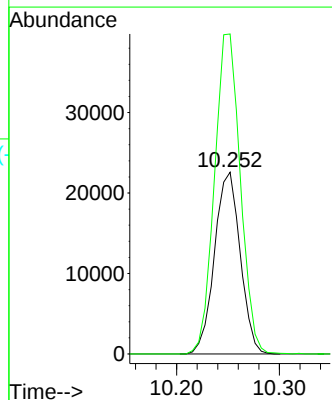
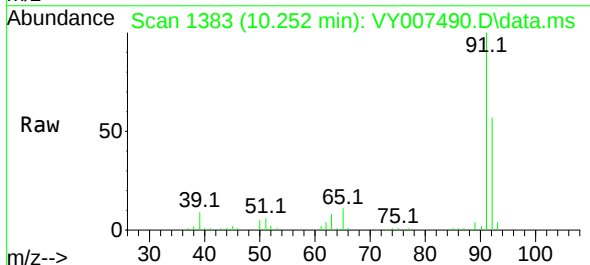
Manual Integrations
APPROVED

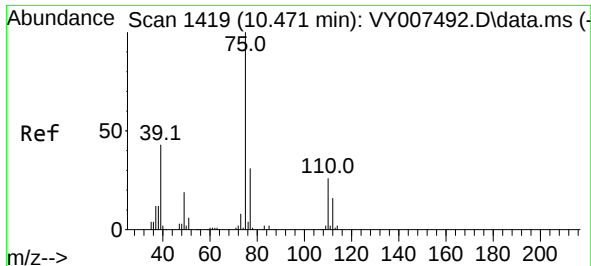
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 9.692 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

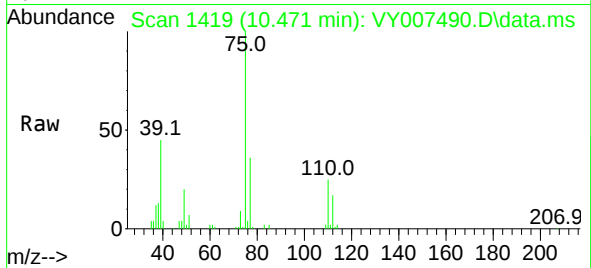
Tgt Ion: 92 Resp: 39157
Ion Ratio Lower Upper
92 100
91 177.3 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 10.073 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

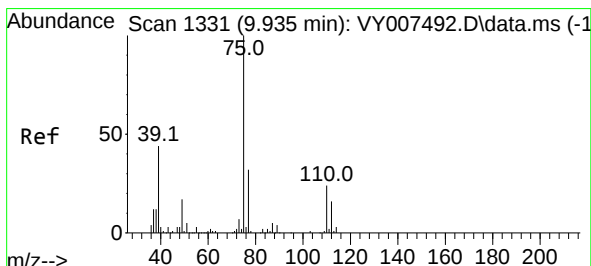
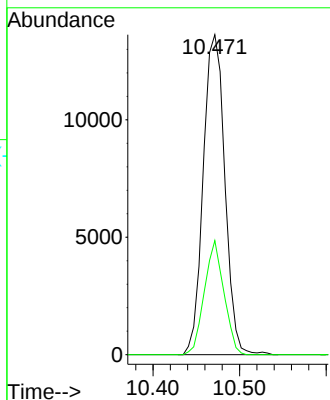
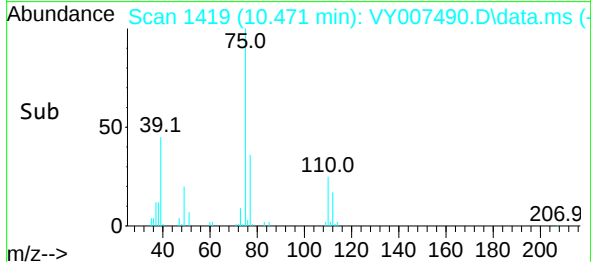
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



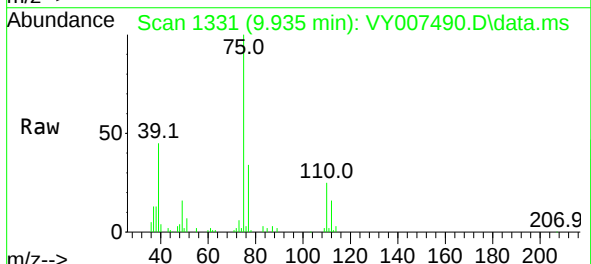
Tgt Ion: 75 Resp: 23650
Ion Ratio Lower Upper
75 100
77 35.7 25.4 38.2

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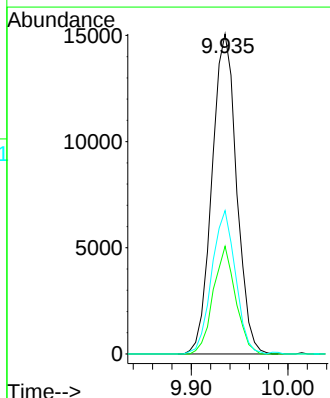
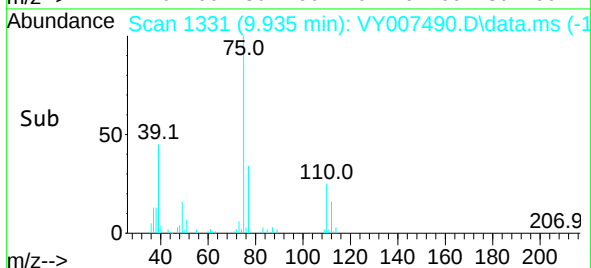
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

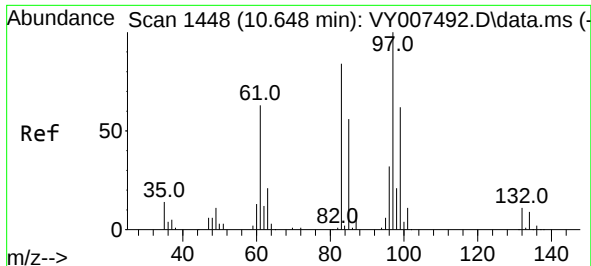


#54
cis-1,3-Dichloropropene
Concen: 10.131 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



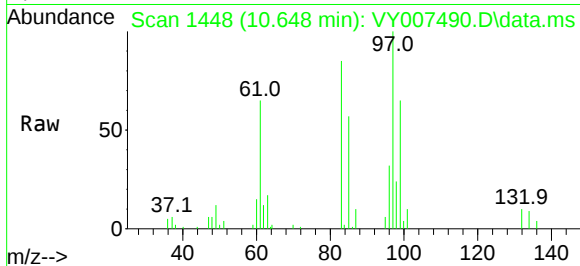
Tgt Ion: 75 Resp: 26567
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
39 44.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 10.215 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

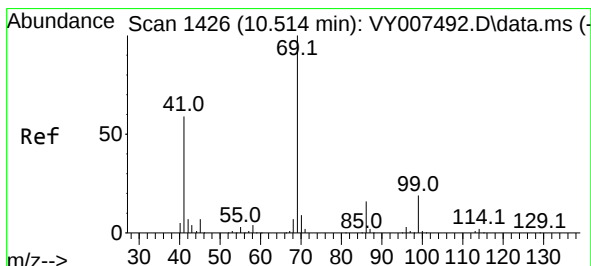
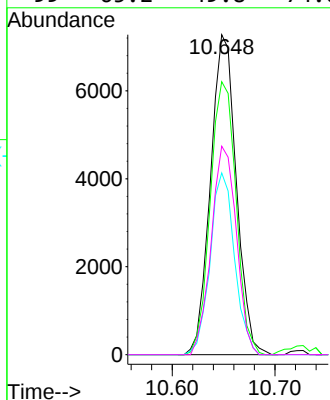
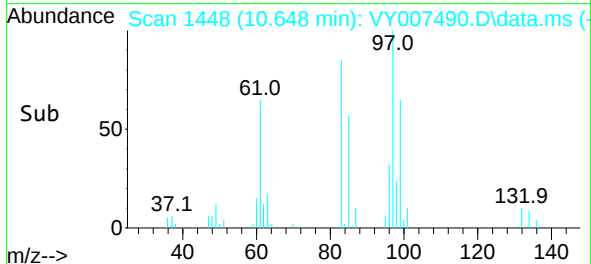


Tgt Ion: 97 Resp: 12672

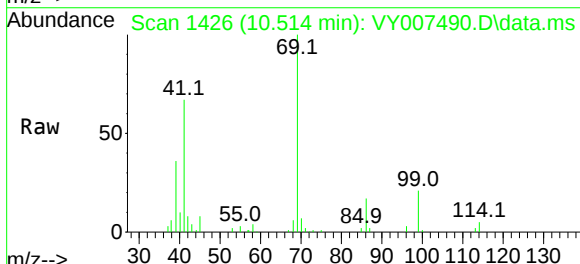
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.8	104.8
85	56.8	44.3	66.5
99	65.2	49.8	74.6

Manual Integrations
APPROVED

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

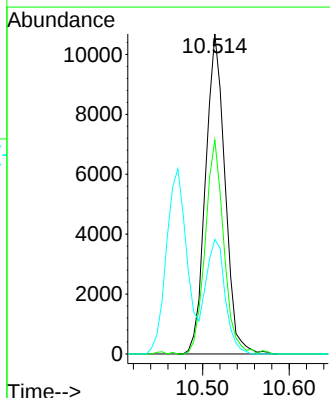
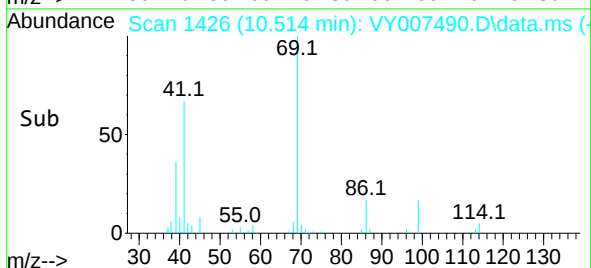


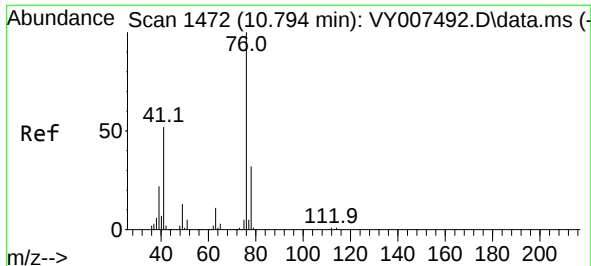
#56
Ethyl methacrylate
Concen: 10.103 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



Tgt Ion: 69 Resp: 16666

Ion	Ratio	Lower	Upper
69	100		
41	63.6	63.4	95.0
39	34.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 10.320 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.007 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 21768

Ion Ratio Lower Upper

76 100

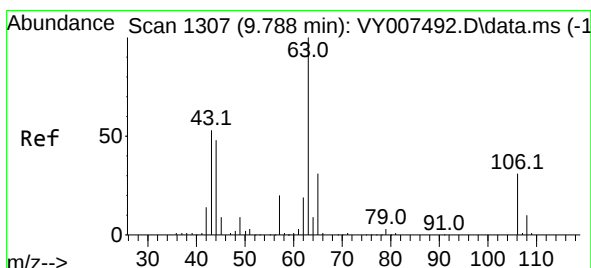
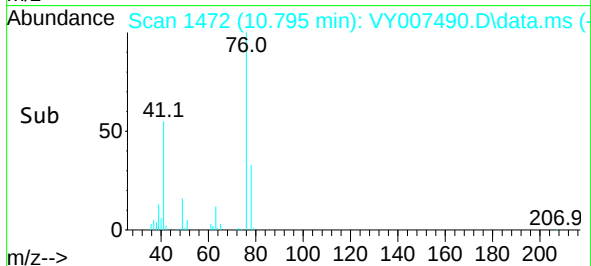
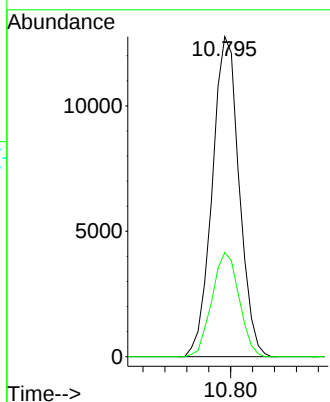
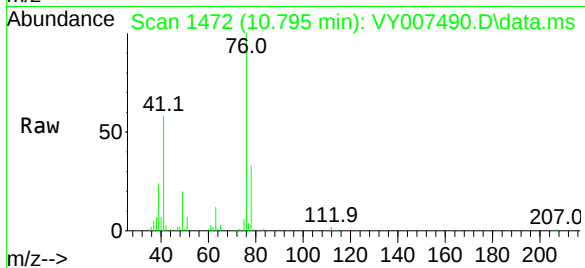
78 32.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 50.659 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007490.D

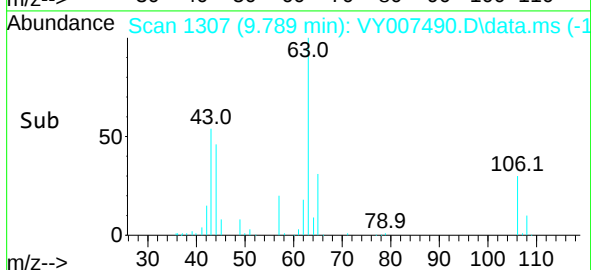
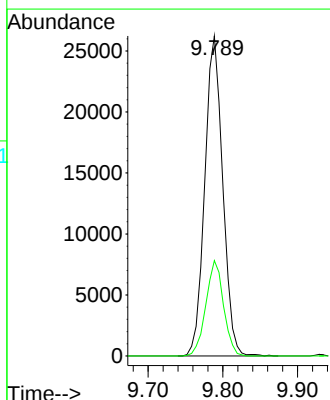
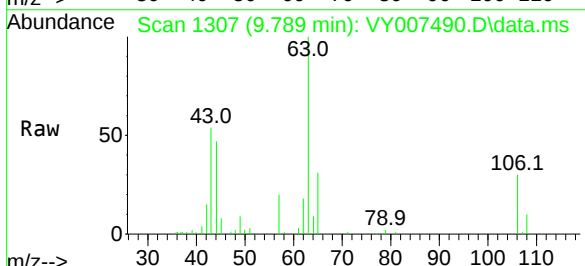
Acq: 14 Feb 2022 11:43

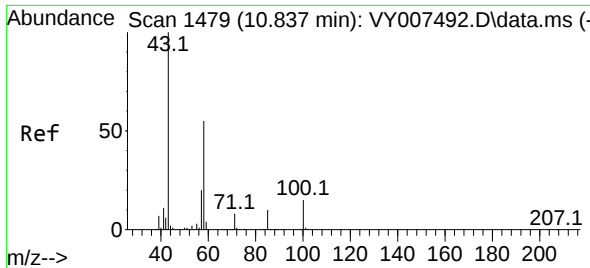
Tgt Ion: 63 Resp: 43691

Ion Ratio Lower Upper

63 100

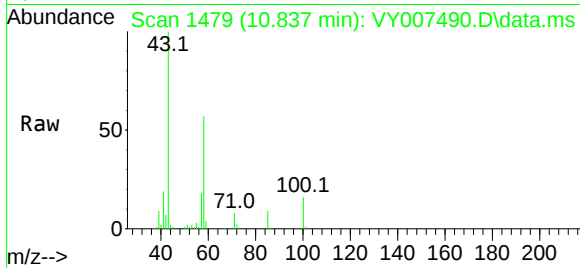
106 29.3 21.5 32.3





#59
2-Hexanone
Concen: 51.883 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

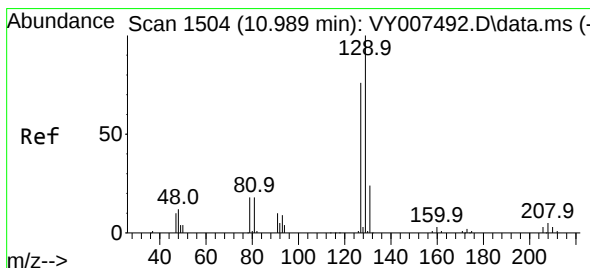
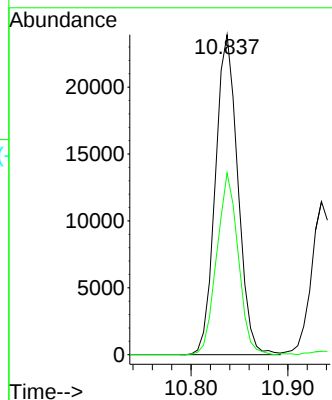
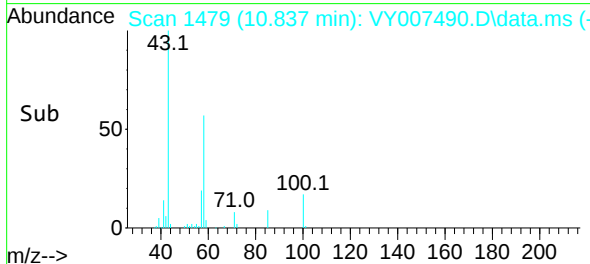
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



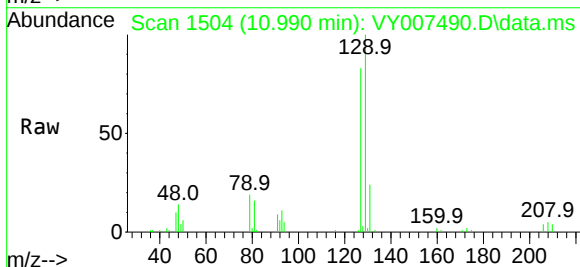
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
58 54.2 24.4 73.4

Manual Integrations
APPROVED

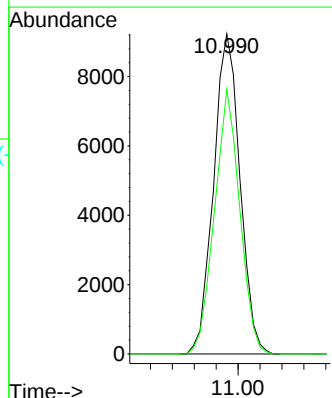
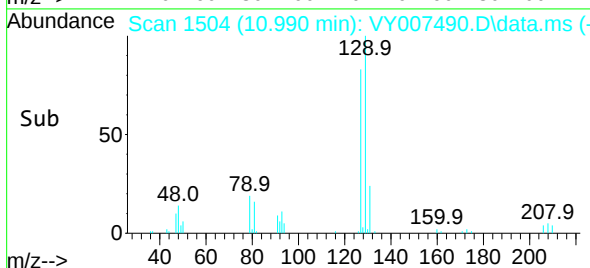
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

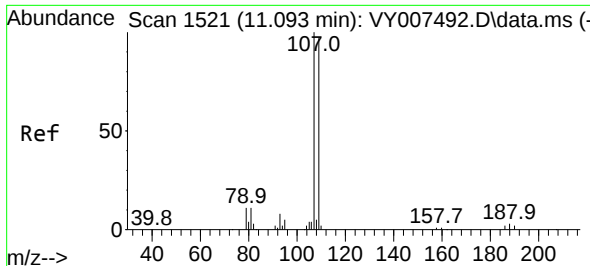


#60
Dibromochloromethane
Concen: 9.888 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



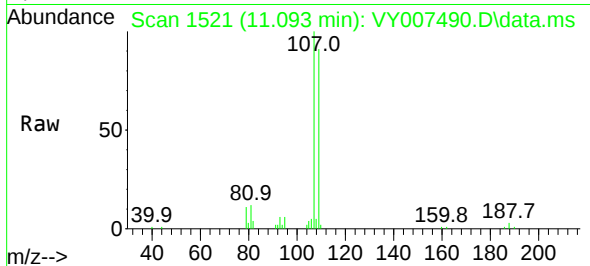
Tgt Ion:129 Resp: 15431
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 10.141 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

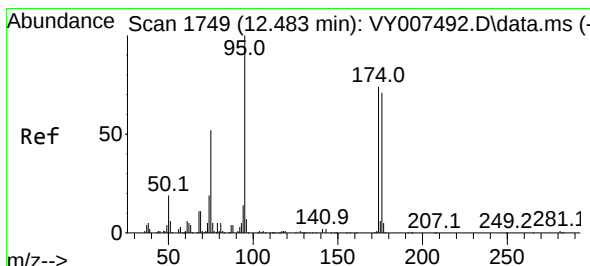
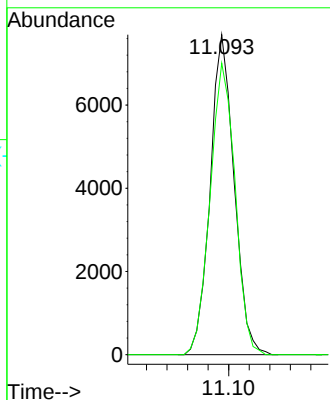
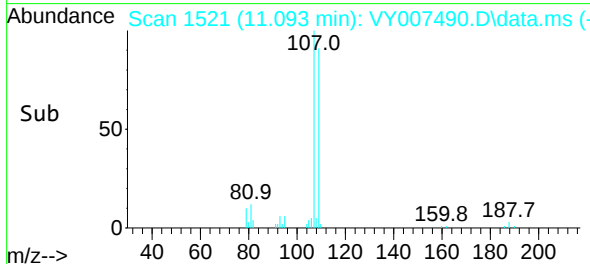
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 12410
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

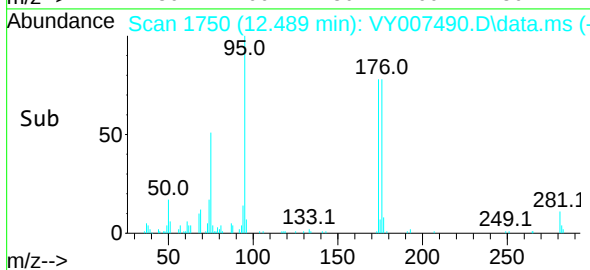
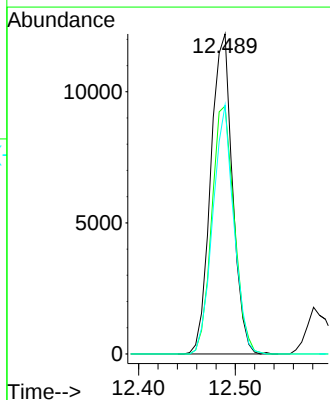
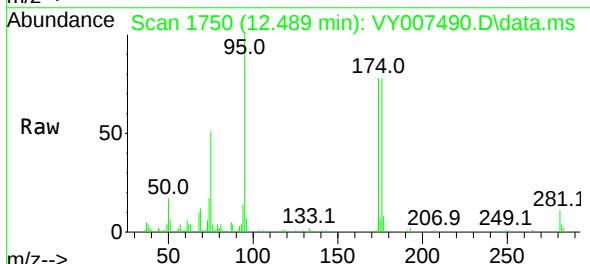
Manual Integrations
APPROVED

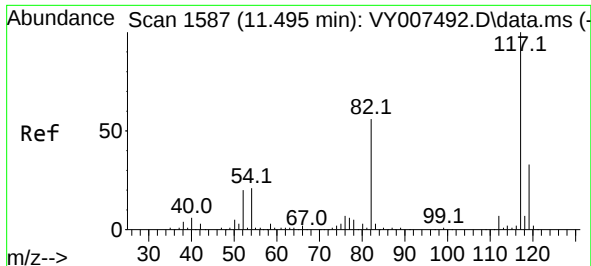
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
4-Bromofluorobenzene
Concen: 10.334 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

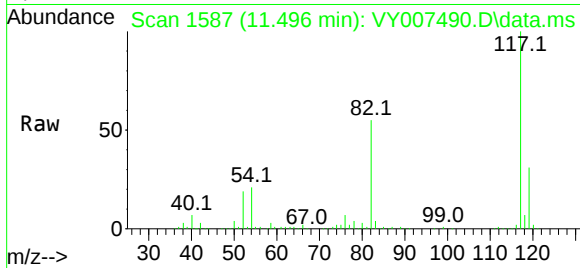
Tgt Ion: 95 Resp: 19029
Ion Ratio Lower Upper
95 100
174 80.2 0.0 177.0
176 75.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

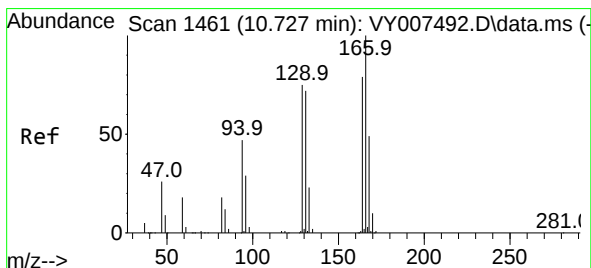
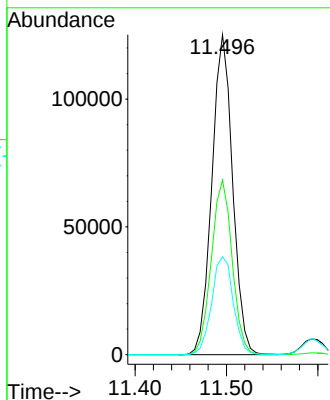
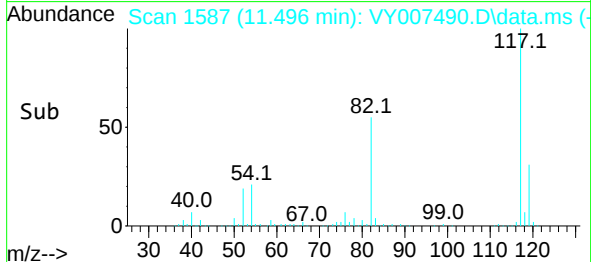
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



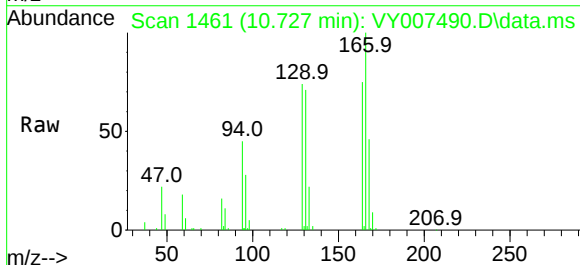
Tgt Ion:117 Resp: 197292
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 30.6 25.4 38.0

Manual Integrations
APPROVED

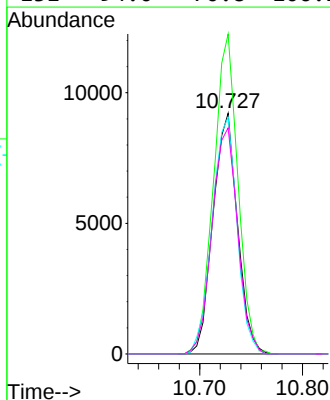
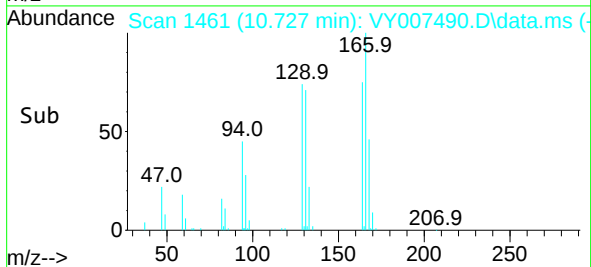
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

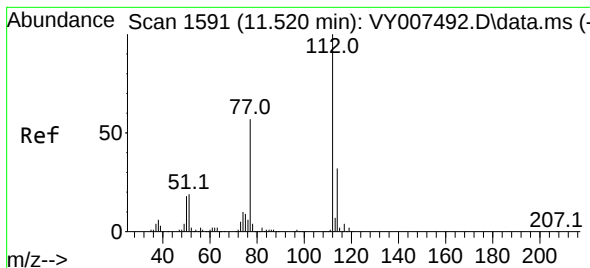


#64
Tetrachloroethene
Concen: 9.795 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



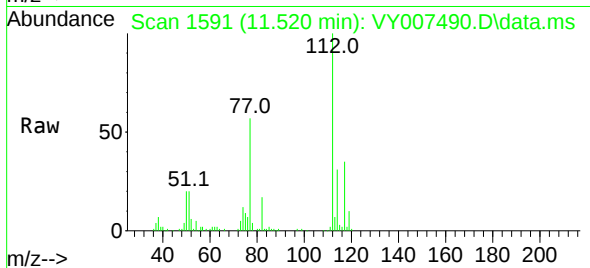
Tgt Ion:164 Resp: 15214
Ion Ratio Lower Upper
164 100
166 133.0 100.4 150.6
129 98.4 71.4 107.0
131 94.0 70.8 106.2





#65
Chlorobenzene
Concen: 9.735 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

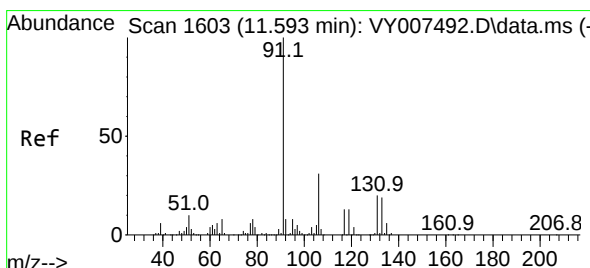
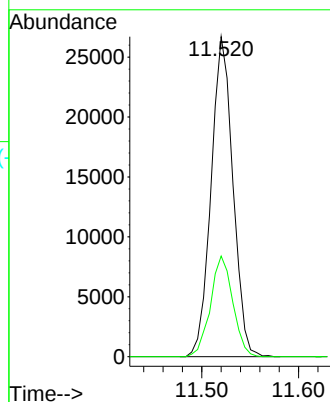
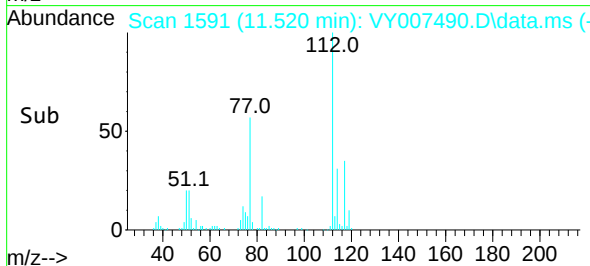
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



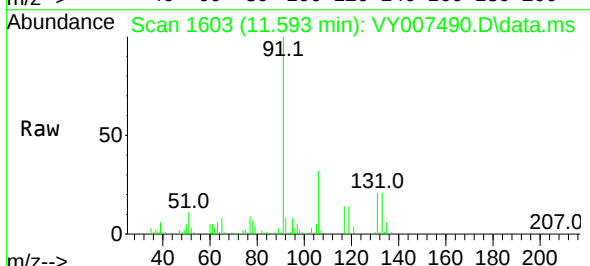
Tgt Ion:112 Resp: 4184
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

Manual Integrations
APPROVED

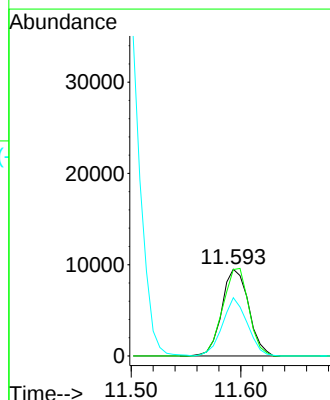
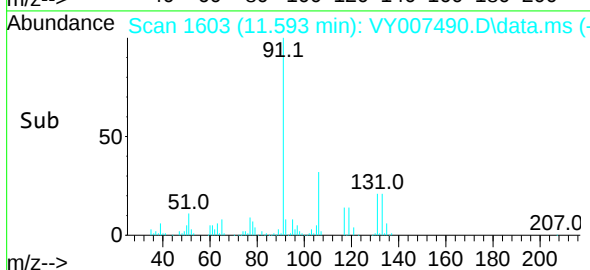
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

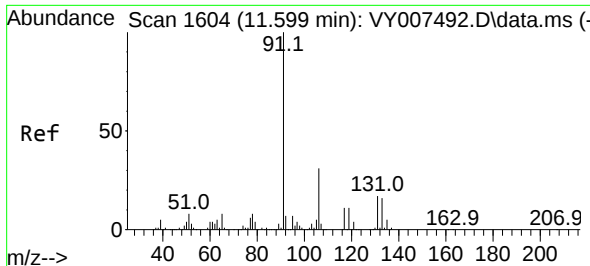


#66
1,1,1,2-Tetrachloroethane
Concen: 9.909 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



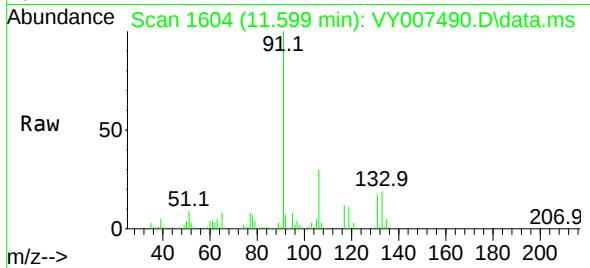
Tgt Ion:131 Resp: 16156
Ion Ratio Lower Upper
131 100
133 97.8 47.9 143.6
119 62.4 30.8 92.3





#67
Ethyl Benzene
Concen: 9.802 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

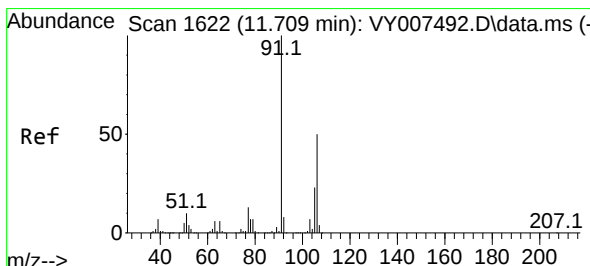
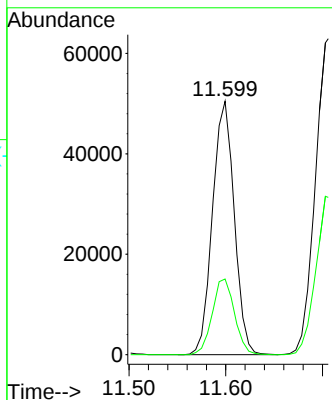
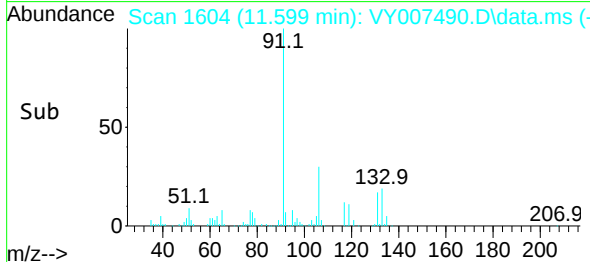
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



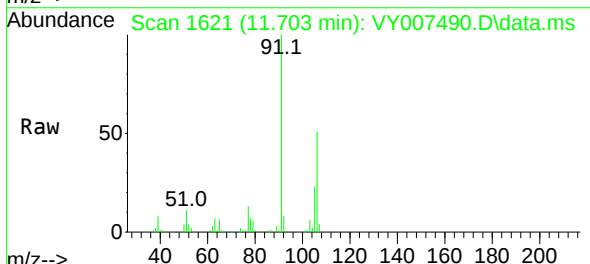
Tgt Ion: 91 Resp: 78710
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

Manual Integrations
APPROVED

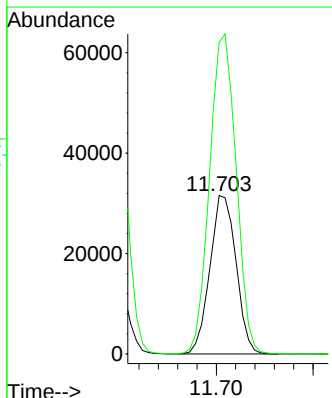
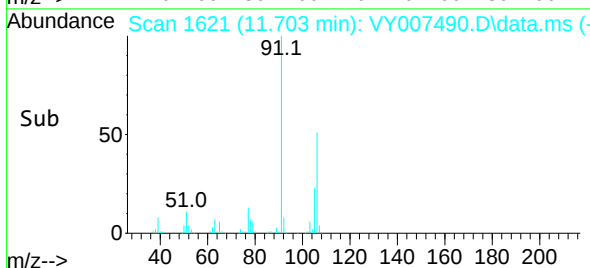
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

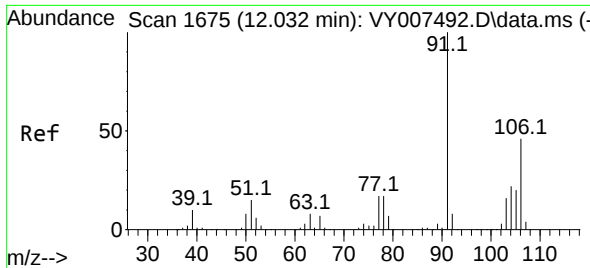


#68
m/p-Xylenes
Concen: 19.433 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



Tgt Ion:106 Resp: 59140
Ion Ratio Lower Upper
106 100
91 206.1 166.6 249.8





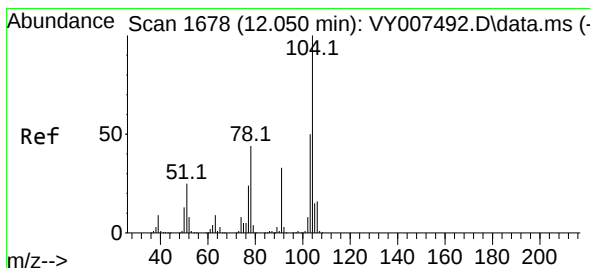
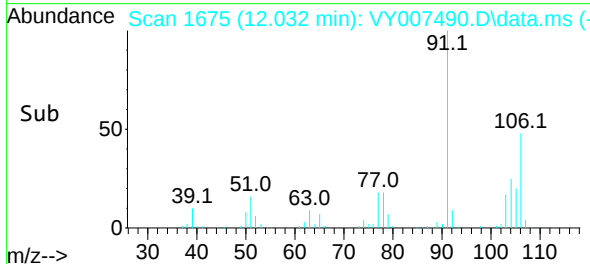
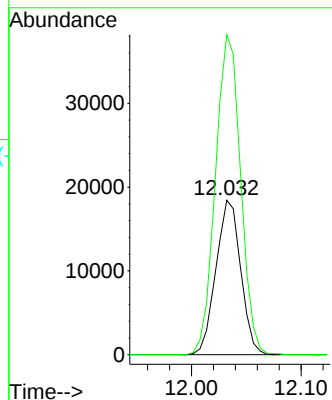
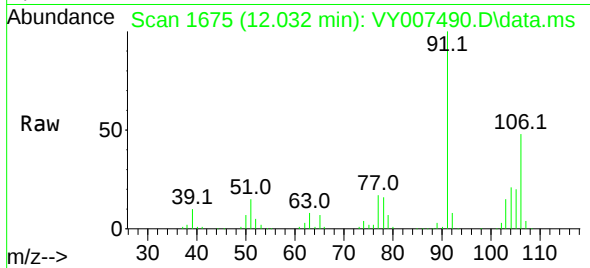
#69
o-Xylene
Concen: 9.977 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 28889
Ion Ratio Lower Upper
106 100
91 211.2 110.3 331.0

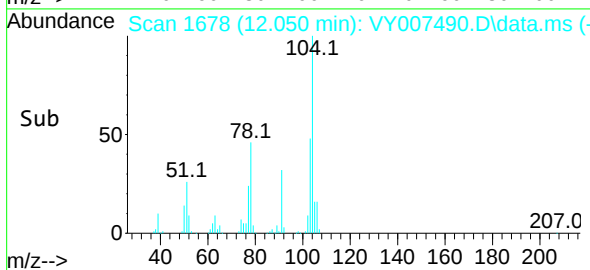
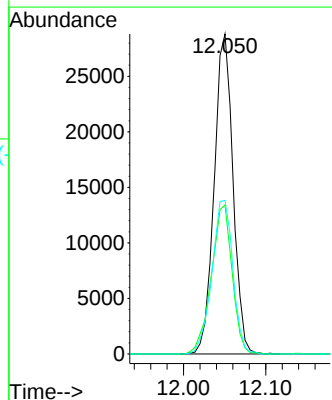
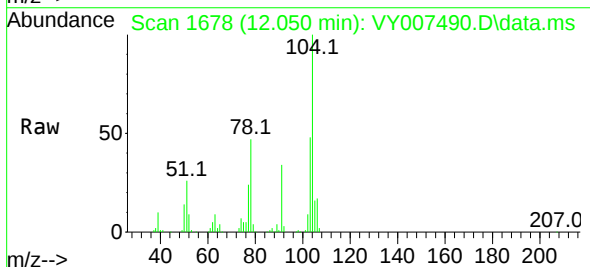
Manual Integrations
APPROVED

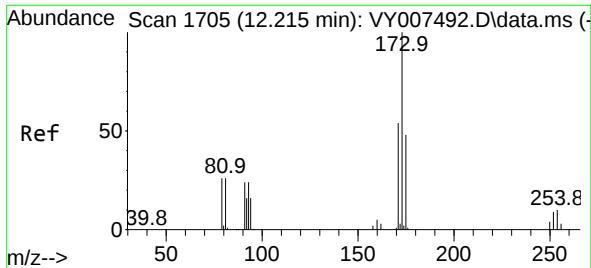
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 9.667 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

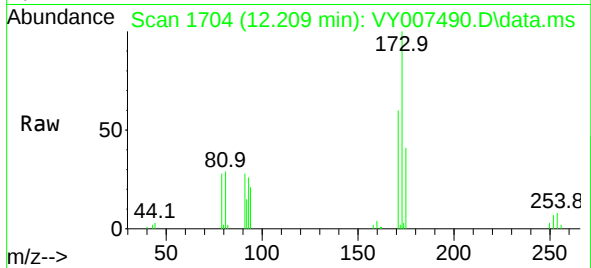
Tgt Ion:104 Resp: 45834
Ion Ratio Lower Upper
104 100
78 51.5 42.4 63.6
103 53.6 44.4 66.6





#71
Bromoform
Concen: 9.949 ug/l
RT: 12.209 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

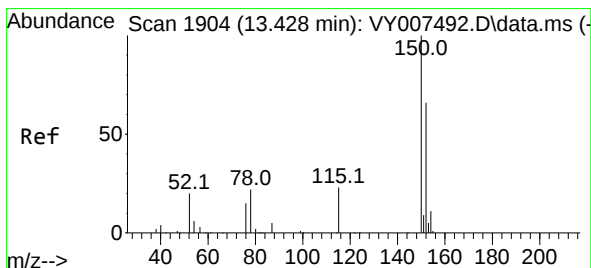
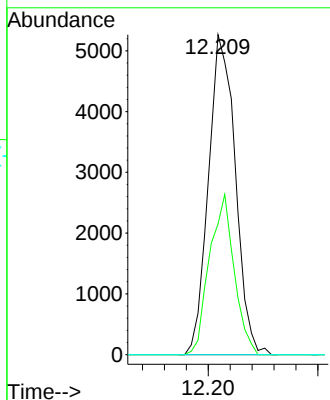
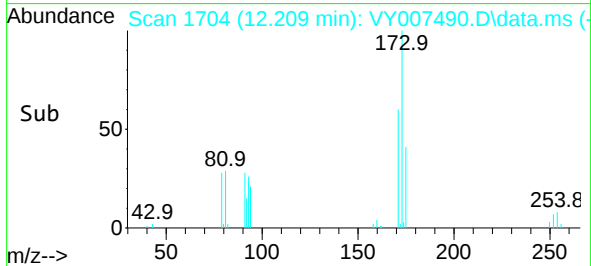
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:173 Resp: 895
Ion Ratio Lower Upper
173 100
175 46.1 24.6 74.0
254 0.0 0.0 0.0

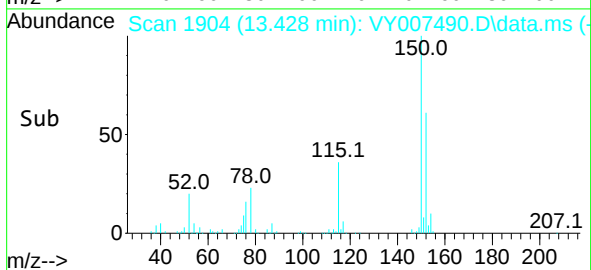
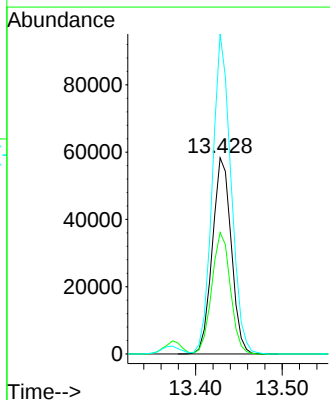
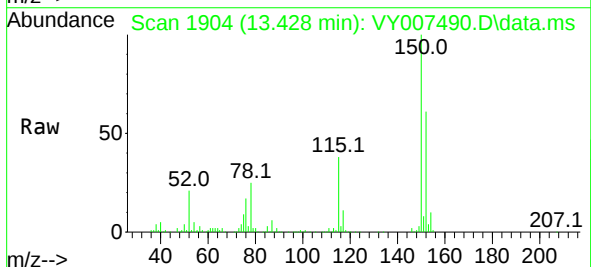
Manual Integrations
APPROVED

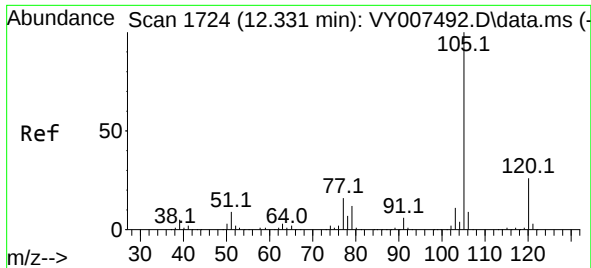
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

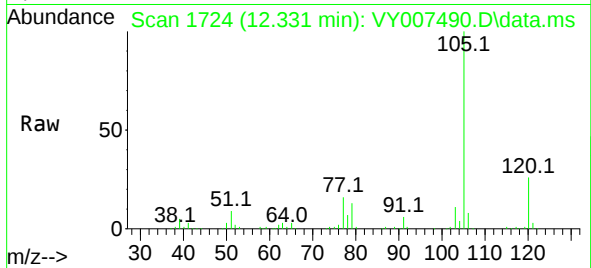
Tgt Ion:152 Resp: 88181
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 161.2 0.0 347.6





#73
Isopropylbenzene
Concen: 9.836 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

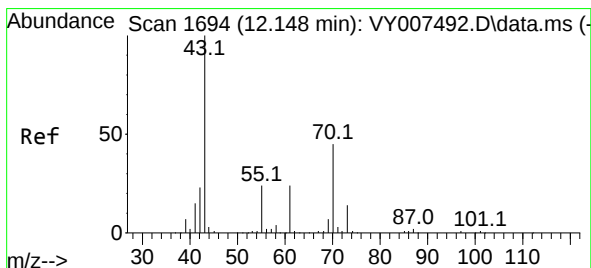
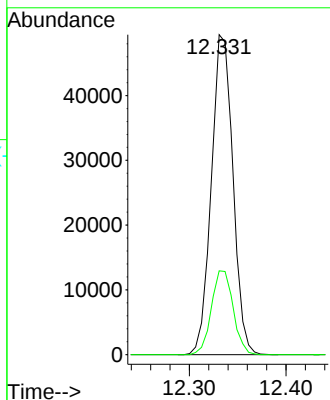
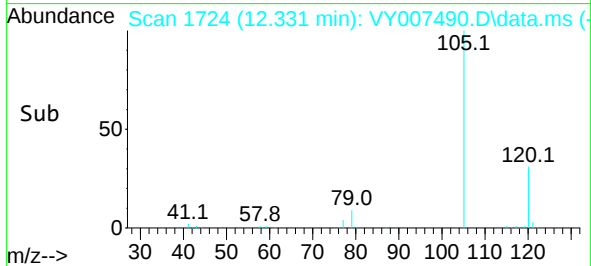
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



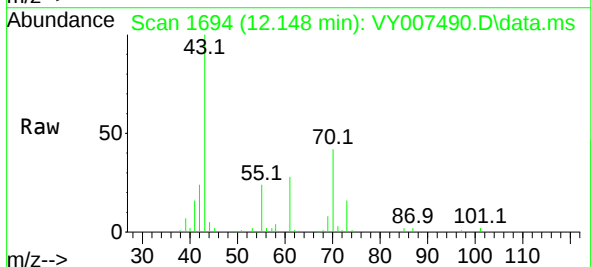
Tgt Ion:105 Resp: 7656
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

Manual Integrations
APPROVED

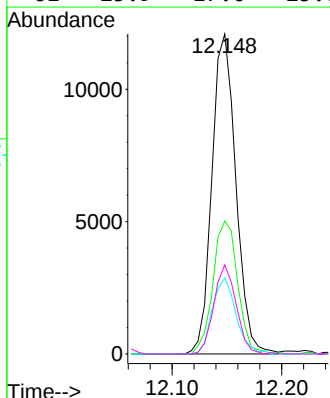
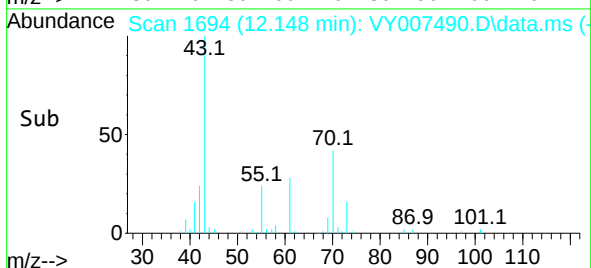
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

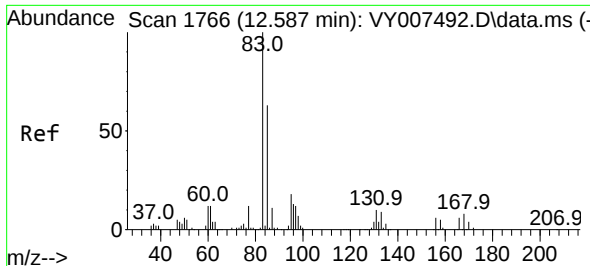


#74
N-ethyl acetate
Concen: 10.557 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



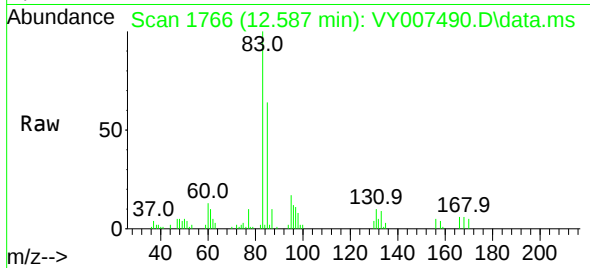
Tgt Ion: 43 Resp: 18371
Ion Ratio Lower Upper
43 100
70 42.9 28.7 43.1
55 23.4 17.3 25.9
61 25.9 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 10.452 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

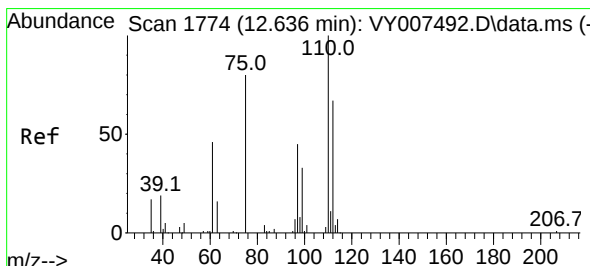
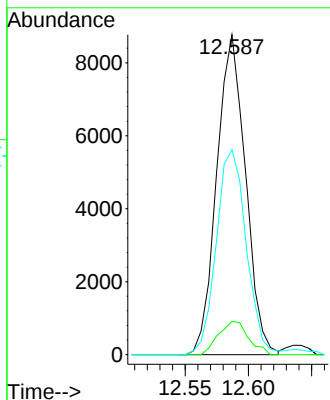
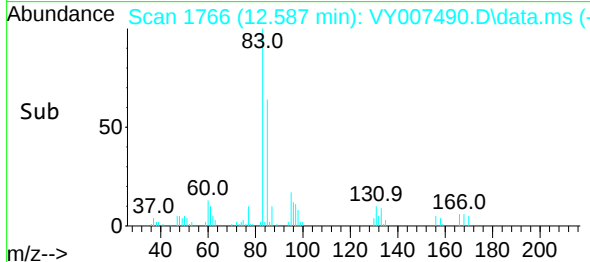
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



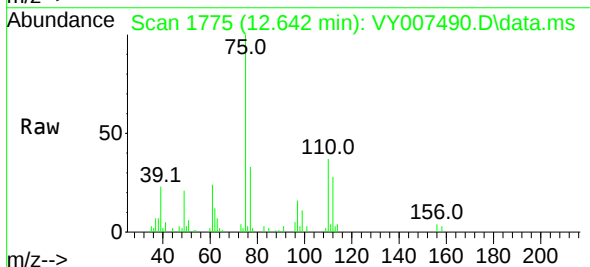
Tgt Ion: 83 Resp: 13884
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 66.4 32.3 96.8

Manual Integrations
APPROVED

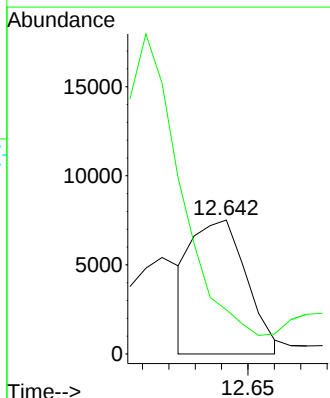
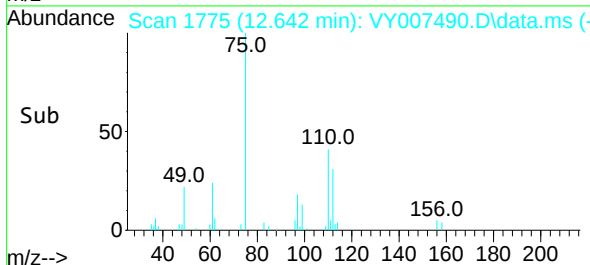
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

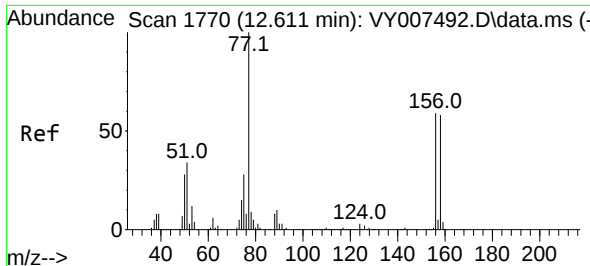


#76
1,2,3-Trichloropropane
Concen: 9.290 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43



Tgt Ion: 75 Resp: 10784
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





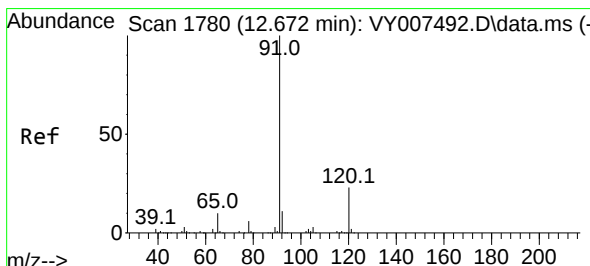
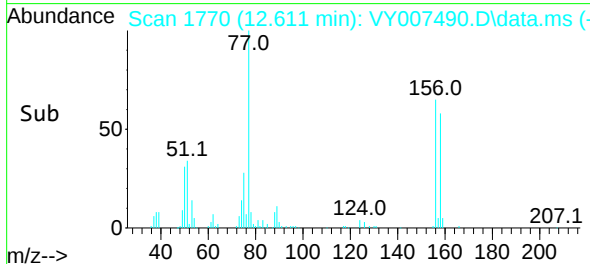
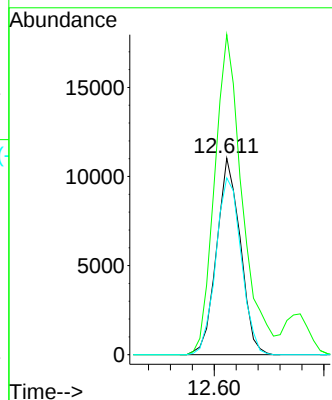
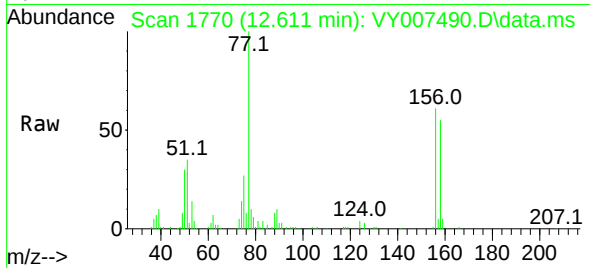
#77
Bromobenzene
Concen: 9.914 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 1660
Ion Ratio Lower Upper
156 100
77 189.1 95.5 286.4
158 96.2 48.0 144.0

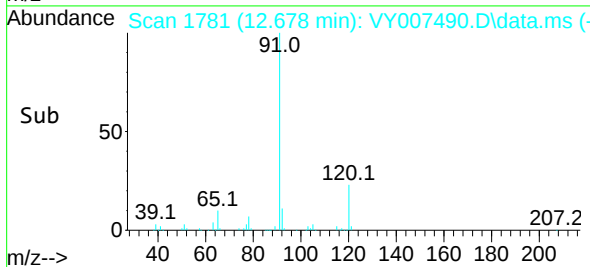
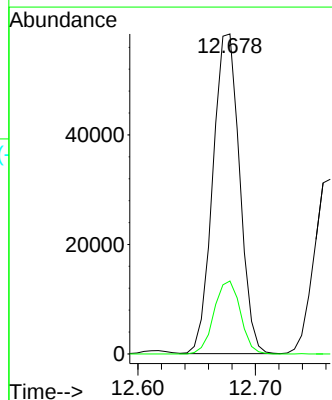
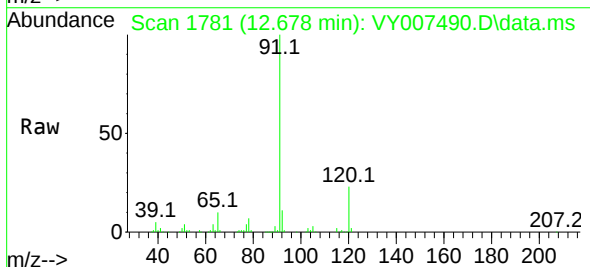
Manual Integrations
APPROVED

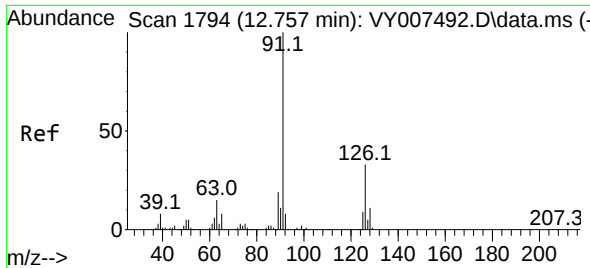
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#78
n-propylbenzene
Concen: 9.894 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 91 Resp: 92493
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





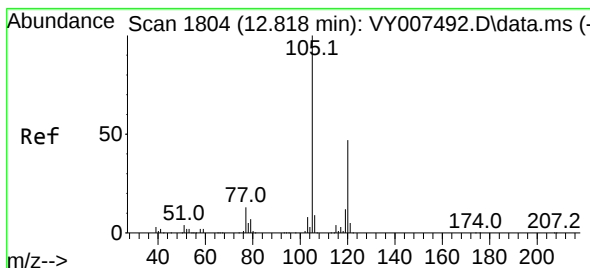
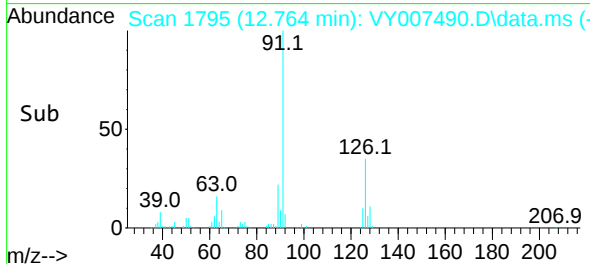
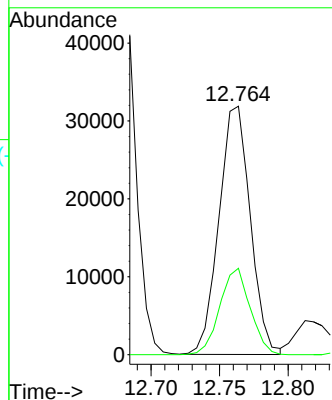
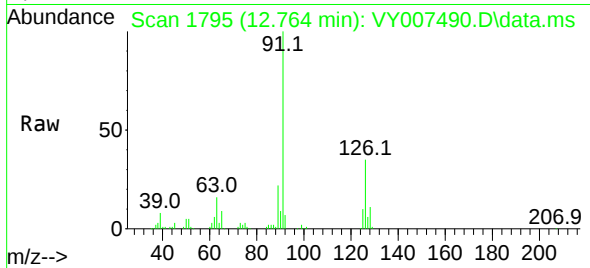
#79
2-Chlorotoluene
Concen: 9.840 ug/l
RT: 12.764 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 50770
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6

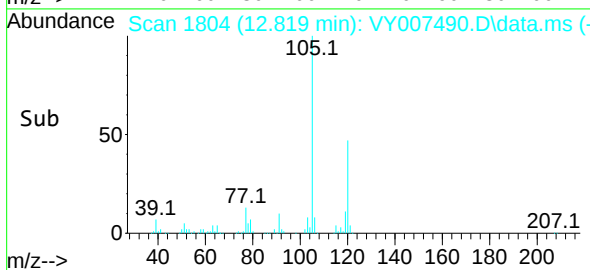
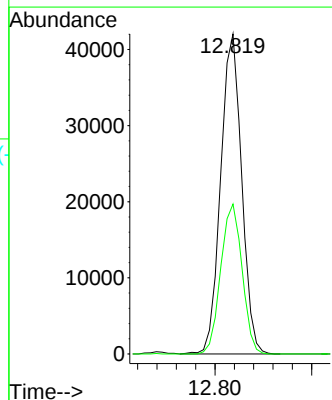
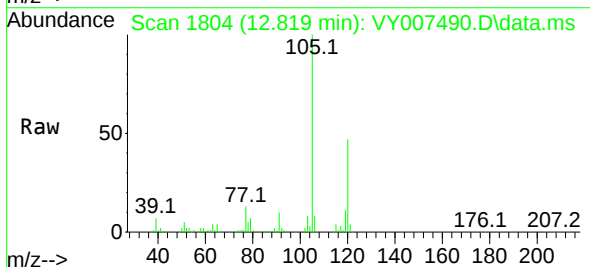
Manual Integrations
APPROVED

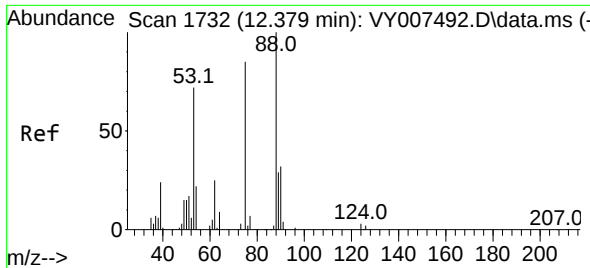
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.799 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

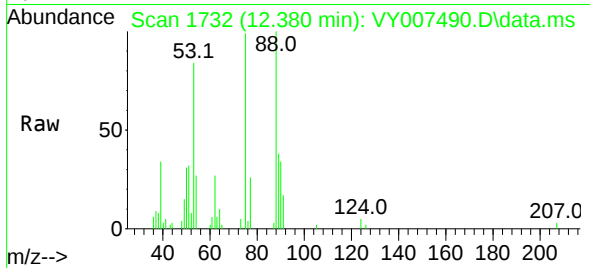
Tgt Ion:105 Resp: 63165
Ion Ratio Lower Upper
105 100
120 47.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 10.051 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

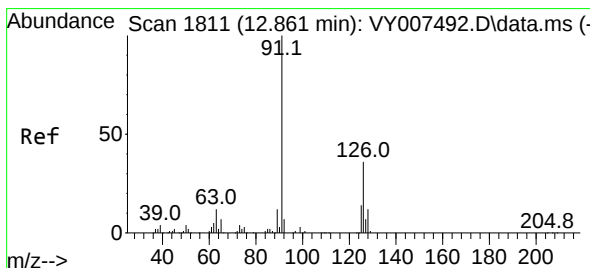
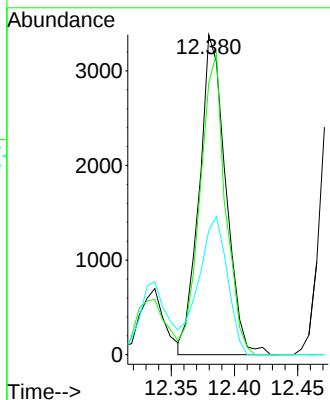
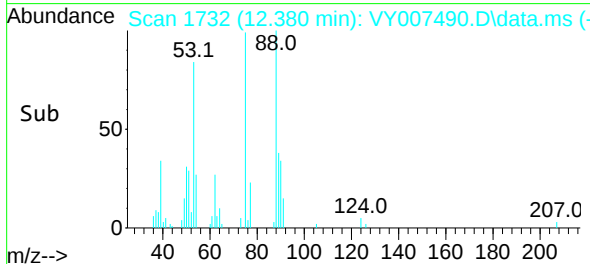
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 4920
Ion Ratio Lower Upper
75 100
53 89.8 85.3 127.9
89 47.1 37.0 55.4

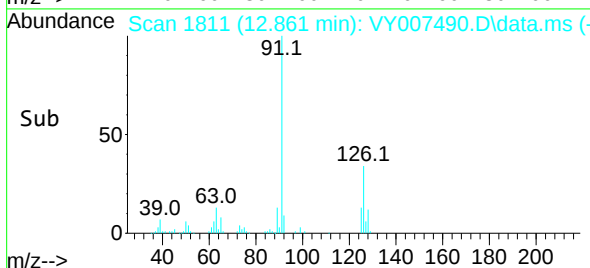
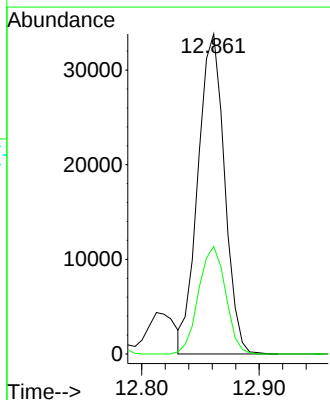
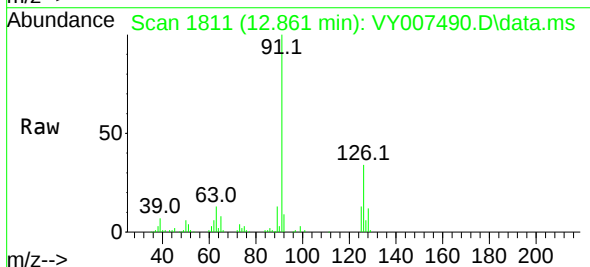
Manual Integrations
APPROVED

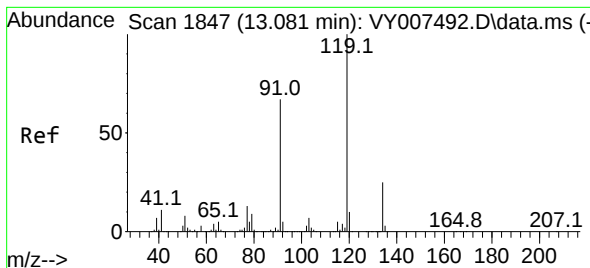
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 10.013 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 91 Resp: 53092
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





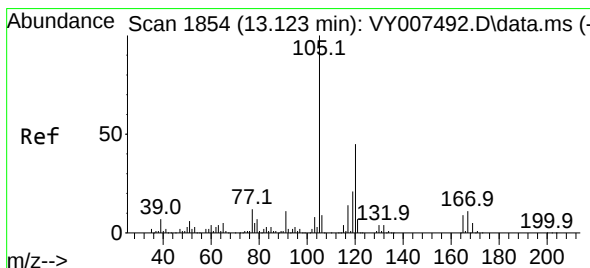
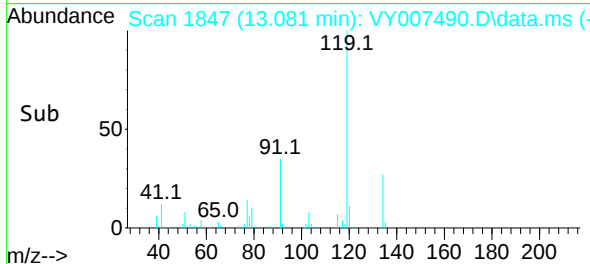
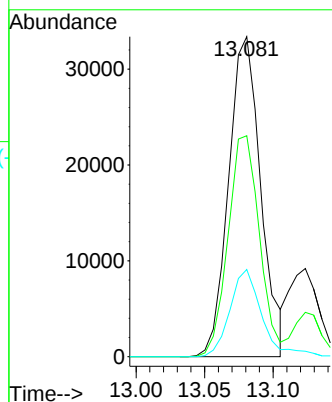
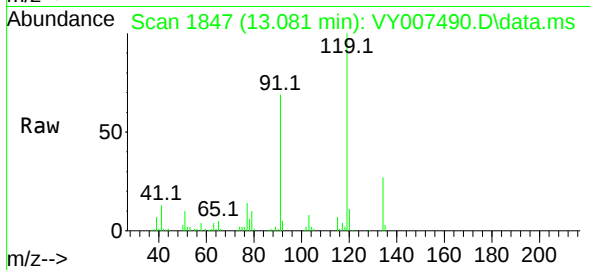
#83
tert-Butylbenzene
Concen: 9.699 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 5468
Ion Ratio Lower Upper
119 100
91 67.3 34.8 104.4
134 27.1 13.3 39.9

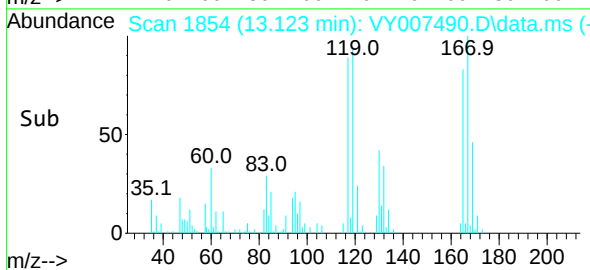
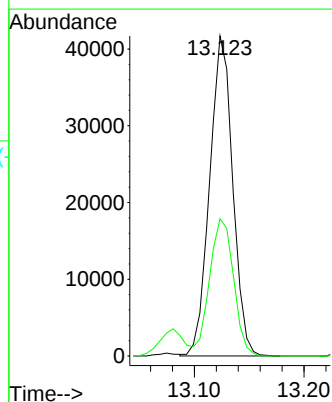
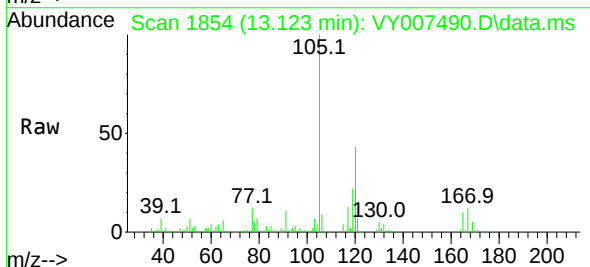
Manual Integrations
APPROVED

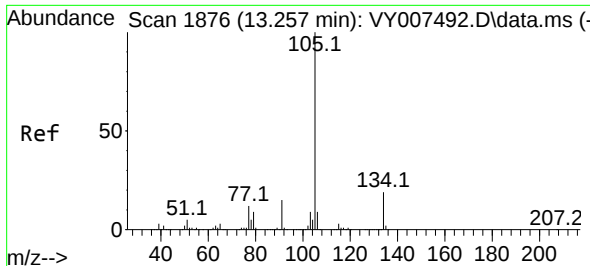
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.777 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion:105 Resp: 60923
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.9





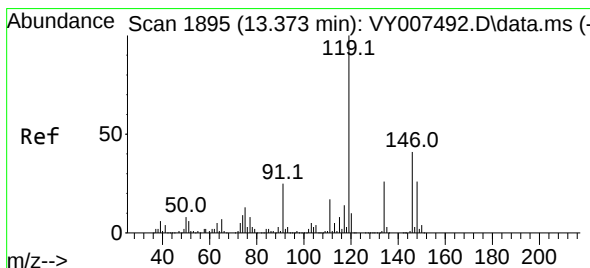
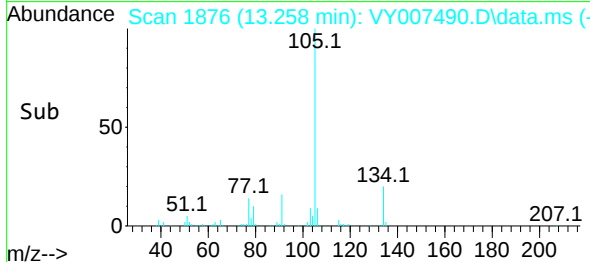
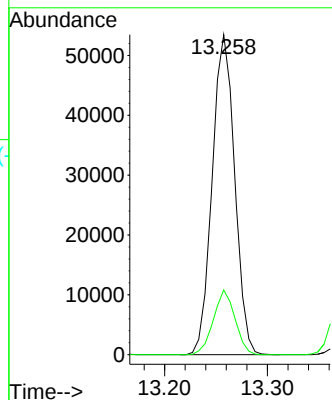
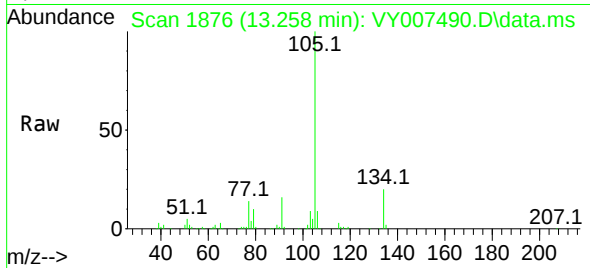
#85
 sec-Butylbenzene
 Concen: 9.773 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY007490.D
 Acq: 14 Feb 2022 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 81089
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

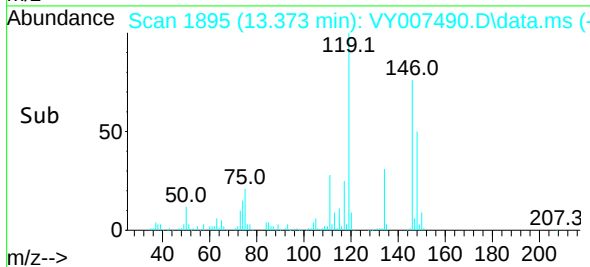
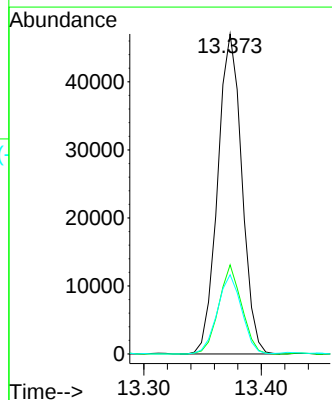
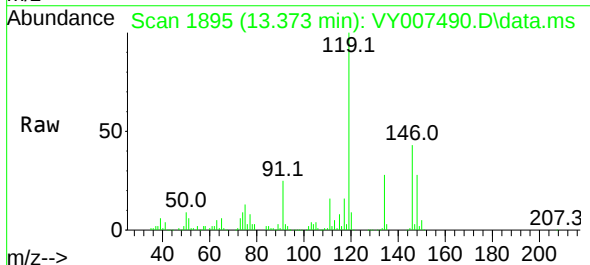
Manual Integrations
 APPROVED

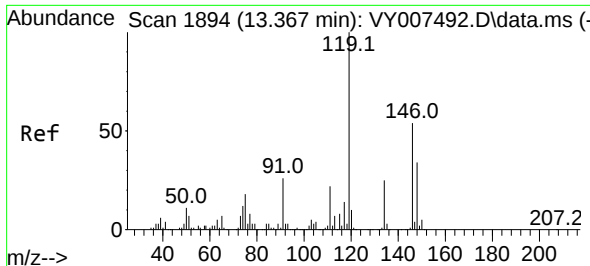
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 9.835 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007490.D
 Acq: 14 Feb 2022 11:43

Tgt Ion:119 Resp: 67308
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 25.0 12.4 37.2





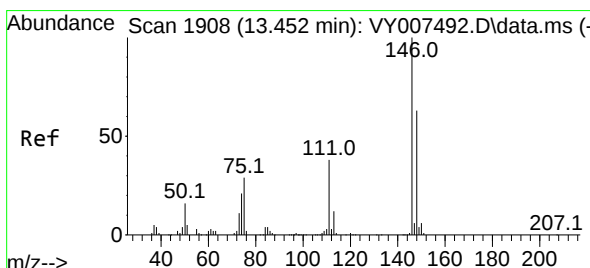
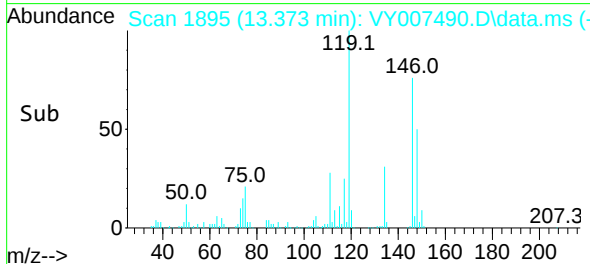
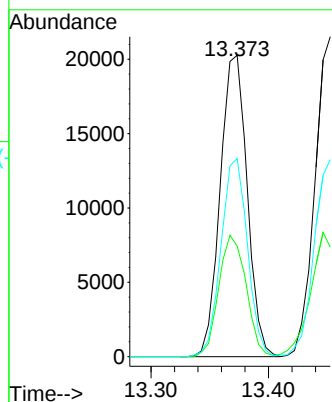
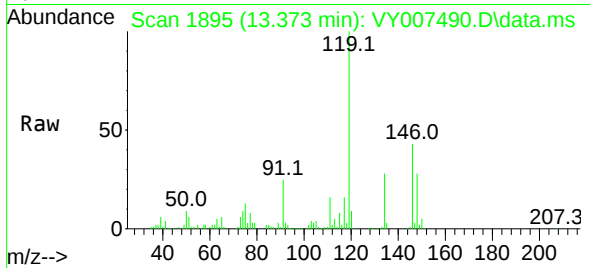
#87
1,3-Dichlorobenzene
Concen: 9.919 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 32320
Ion Ratio Lower Upper
146 100
111 40.9 19.5 58.5
148 64.6 31.6 95.0

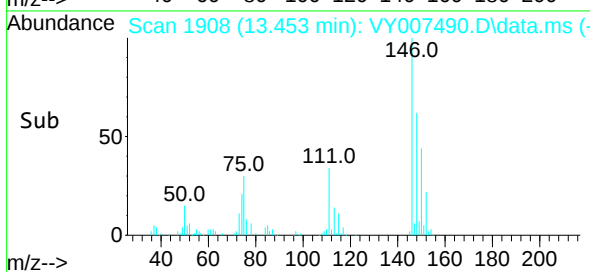
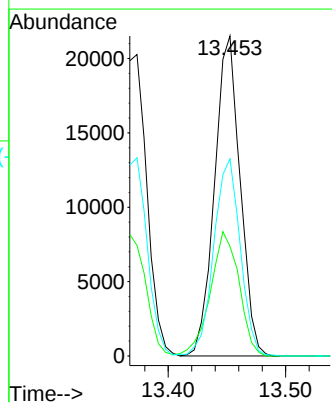
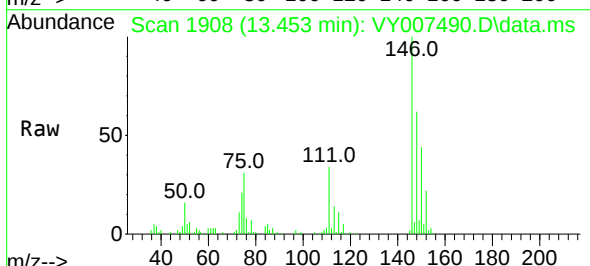
Manual Integrations
APPROVED

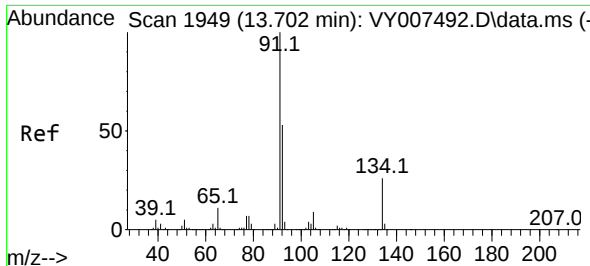
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#88
1,4-Dichlorobenzene
Concen: 10.062 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion:146 Resp: 32530
Ion Ratio Lower Upper
146 100
111 43.6 19.3 57.8
148 63.9 32.6 97.8





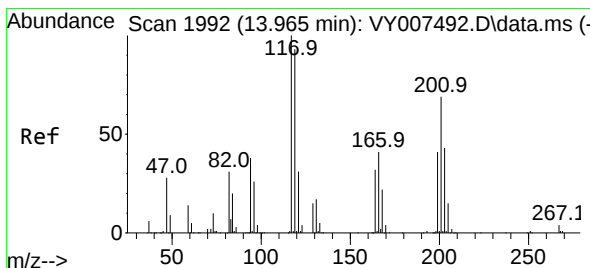
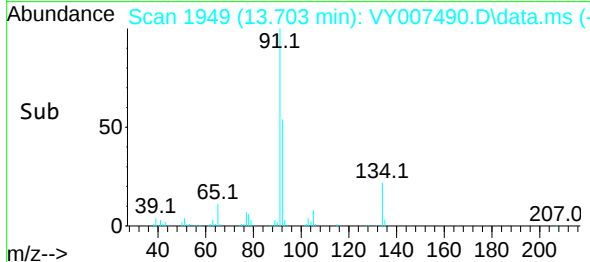
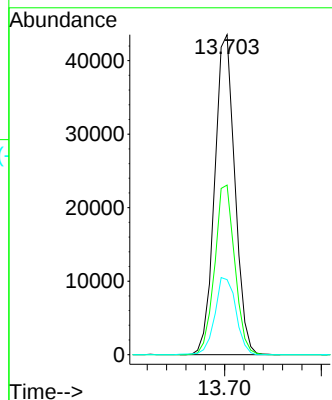
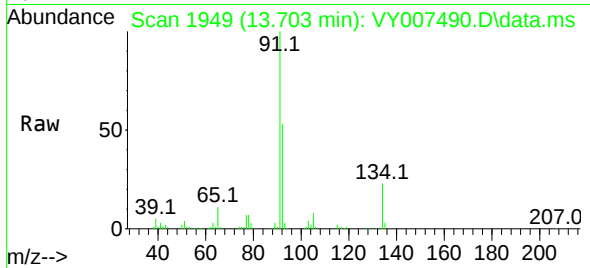
#89
n-Butylbenzene
Concen: 9.660 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 6296
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 25.2 13.0 38.9

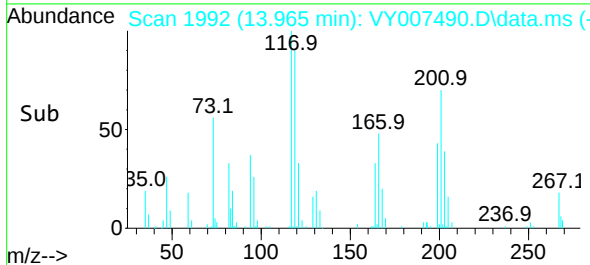
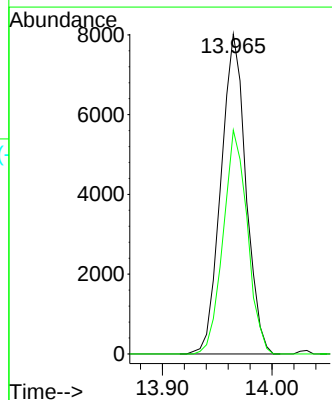
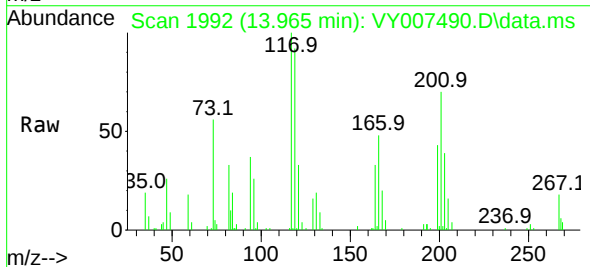
Manual Integrations
APPROVED

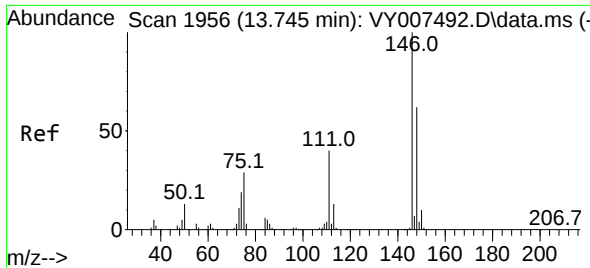
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 9.699 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion:117 Resp: 12673
Ion Ratio Lower Upper
117 100
201 67.8 43.0 128.8





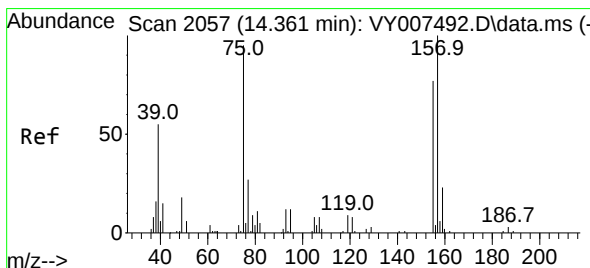
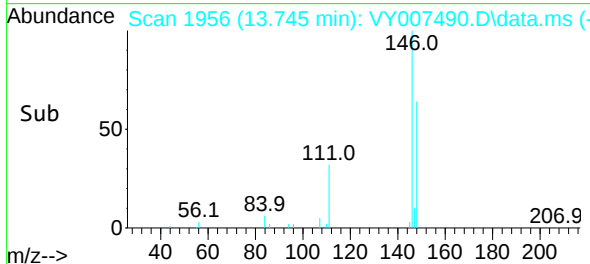
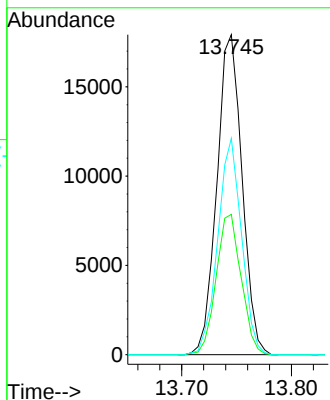
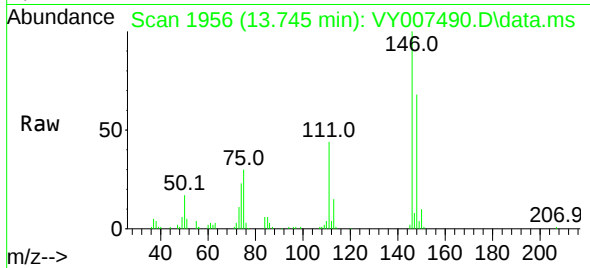
#91
1,2-Dichlorobenzene
Concen: 9.968 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 2863
Ion Ratio Lower Upper
146 100
111 43.4 20.3 60.9
148 63.9 32.3 96.9

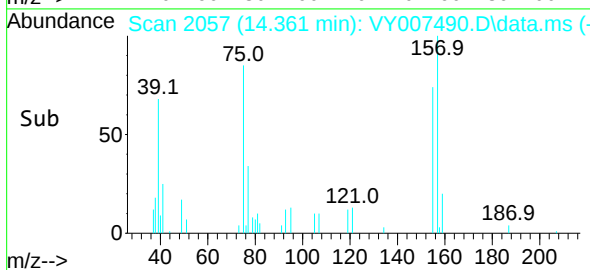
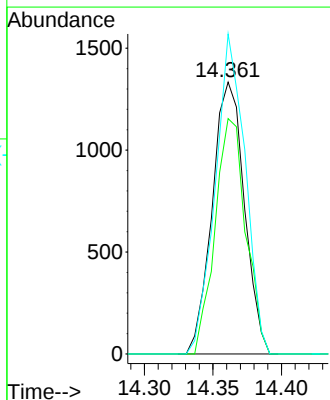
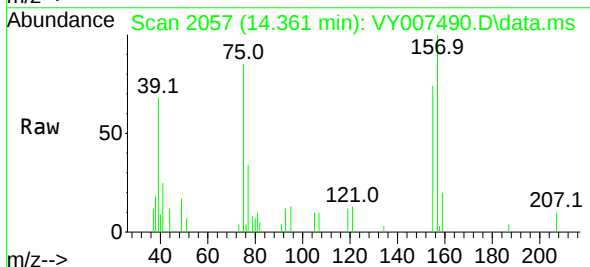
Manual Integrations
APPROVED

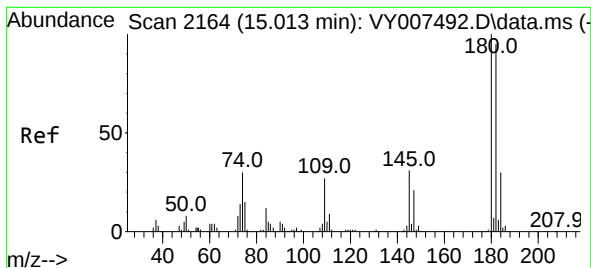
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.627 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion: 75 Resp: 2177
Ion Ratio Lower Upper
75 100
155 82.7 38.0 113.9
157 109.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 9.488 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

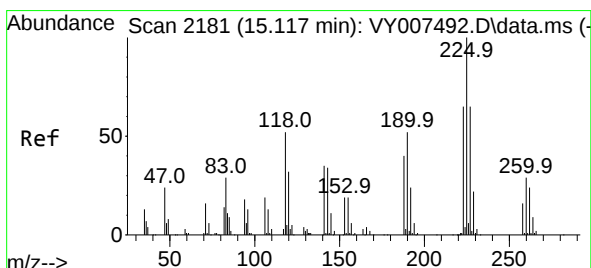
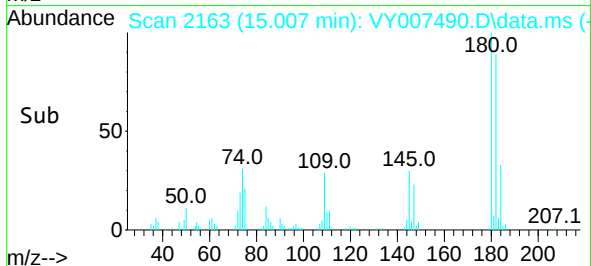
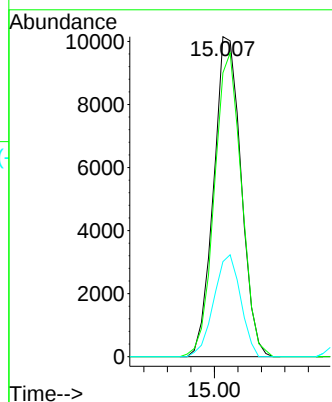
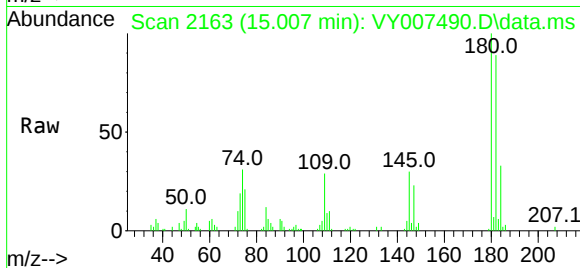
Tgt Ion:180	Resp:	1642
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.3 141.9
145	31.1	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#94

Hexachlorobutadiene

Concen: 9.525 ug/l

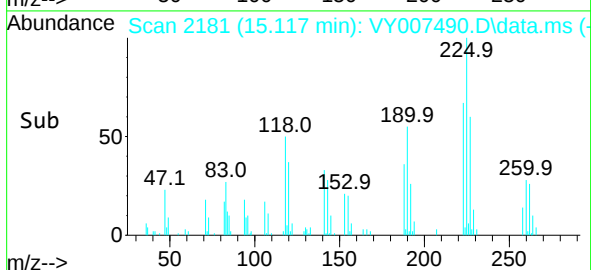
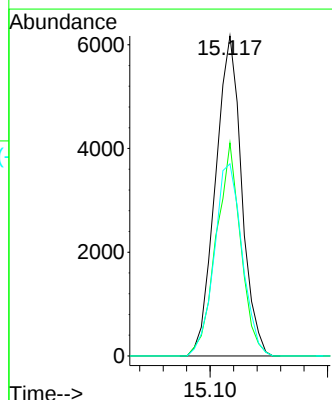
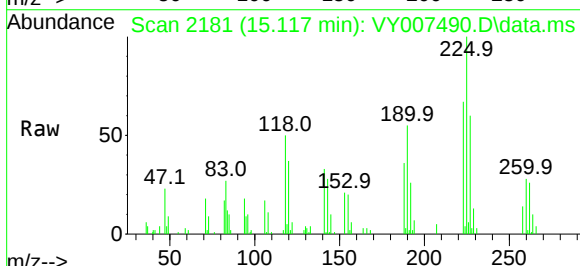
RT: 15.117 min Scan# 2181

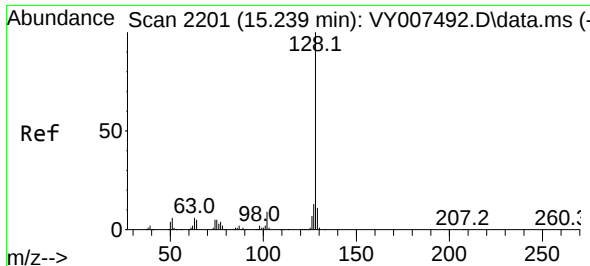
Delta R.T. 0.006 min

Lab File: VY007490.D

Acq: 14 Feb 2022 11:43

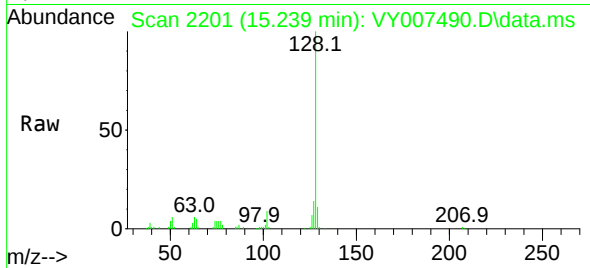
Tgt Ion:225	Resp:	9577
Ion Ratio	Lower	Upper
225	100	
223	62.3	30.8 92.3
227	63.7	31.6 94.7





#95
Naphthalene
Concen: 9.659 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

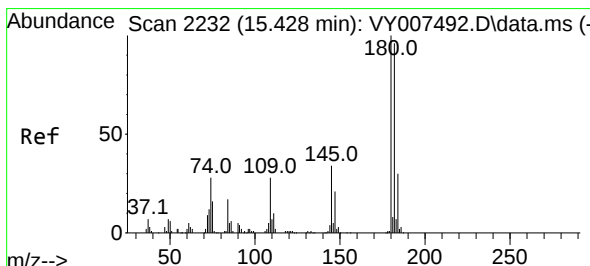
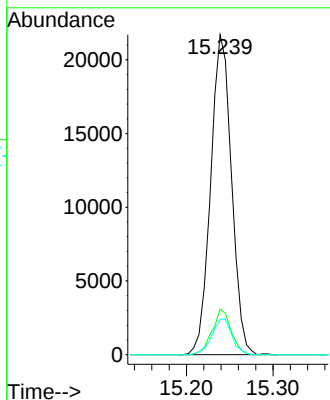
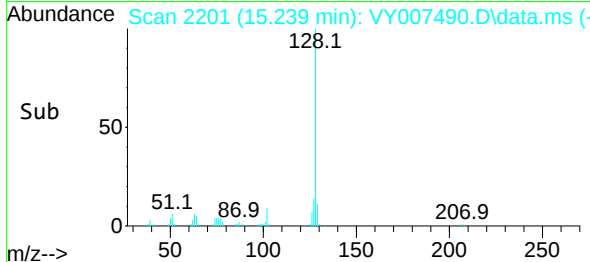
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 36280
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 9.766 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007490.D
Acq: 14 Feb 2022 11:43

Tgt Ion:180 Resp: 14596
Ion Ratio Lower Upper
180 100
182 91.3 47.3 141.9
145 34.1 15.3 45.9

