

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008774.D
 Acq On : 17 May 2022 15:37
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 02:22:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 02:20:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	122883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10754	7.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	15.900%#		
35) Dibromofluoromethane	7.710	113	10856	9.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.040%#		
50) Toluene-d8	10.179	98	35879	7.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	15.460%#		
62) 4-Bromofluorobenzene	12.477	95	12591	7.644	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	15.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	11347	11.417	ug/l	98
3) Chloromethane	2.113	50	18349	13.198	ug/l	92
4) Vinyl Chloride	2.247	62	25367	15.101	ug/l	99
5) Bromomethane	2.644	94	17938	13.847	ug/l	98
6) Chloroethane	2.790	64	17810	15.878	ug/l	96
7) Trichlorofluoromethane	3.125	101	22713	10.904	ug/l	99
8) Diethyl Ether	3.534	74	6208	8.486	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	13317	10.116	ug/l	98
10) Methyl Iodide	4.088	142	14239	10.818	ug/l	91
11) Tert butyl alcohol	4.948	59	6572	49.096	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	12363	10.063	ug/l #	81
13) Acrolein	3.735	56	4440	35.002	ug/l	96
14) Allyl chloride	4.473	41	15803	7.901	ug/l #	81
15) Acrylonitrile	5.155	53	19630	50.022	ug/l	96
16) Acetone	3.942	43	16583	49.296	ug/l #	84
17) Carbon Disulfide	4.186	76	35985	10.332	ug/l	100
18) Methyl Acetate	4.466	43	11237	10.798	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	29617	8.002	ug/l	91
20) Methylene Chloride	4.716	84	17957	11.457	ug/l #	81
21) trans-1,2-Dichloroethene	5.216	96	14141	9.821	ug/l #	80
22) Diisopropyl ether	6.119	45	33905	7.997	ug/l	92
23) Vinyl Acetate	6.058	43	113670	42.251	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	22986	9.134	ug/l	97
25) 2-Butanone	6.990	43	25350	48.919	ug/l	92
26) 2,2-Dichloropropane	6.978	77	22598	9.712	ug/l	81
27) cis-1,2-Dichloroethene	6.984	96	16057	9.811	ug/l	85
28) Bromochloromethane	7.326	49	8826	9.001	ug/l	90
29) Tetrahydrofuran	7.344	42	16112	48.231	ug/l #	84
30) Chloroform	7.502	83	24210	9.259	ug/l	99
31) Cyclohexane	7.783	56	22847	9.467	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	22872	9.682	ug/l	98
36) 1,1-Dichloropropene	7.911	75	19411	10.459	ug/l	95
37) Ethyl Acetate	7.076	43	11579	11.167	ug/l #	94
38) Carbon Tetrachloride	7.899	117	21120	10.969	ug/l	93
39) Methylcyclohexane	9.179	83	21897	9.111	ug/l	91
40) Benzene	8.155	78	54468	10.322	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	5898	10.634	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	16167	10.466	ug/l	94
43) Isopropyl Acetate	8.271	43	18562	9.292	ug/l #	93
44) Trichloroethene	8.935	130	14639	10.301	ug/l	100
45) 1,2-Dichloropropane	9.216	63	12433	9.358	ug/l	93
46) Dibromomethane	9.307	93	8654	10.780	ug/l	94
47) Bromodichloromethane	9.496	83	18177	9.709	ug/l	98
48) Methyl methacrylate	9.289	41	7675	8.807	ug/l #	79
49) 1,4-Dioxane	9.301	88	2304	211.593	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	53065	51.703	ug/l	93
52) Toluene	10.240	92	33384	9.741	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	17581	8.911	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	20175	9.107	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	10814	9.601	ug/l	99
56) Ethyl methacrylate	10.508	69	11753	7.740	ug/l	90
57) 1,3-Dichloropropane	10.788	76	18503	9.736	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	31391	44.164	ug/l	95
59) 2-Hexanone	10.831	43	36678	49.821	ug/l	95
60) Dibromochloromethane	10.984	129	12715	9.709	ug/l	96
61) 1,2-Dibromoethane	11.087	107	10571	9.669	ug/l	98
64) Tetrachloroethene	10.721	164	11838	10.216	ug/l	94
65) Chlorobenzene	11.514	112	36199	10.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	12797	9.793	ug/l	96
67) Ethyl Benzene	11.593	91	62127	9.531	ug/l	98
68) m/p-Xylenes	11.703	106	47458	18.824	ug/l	94
69) o-Xylene	12.032	106	22580	9.376	ug/l	91
70) Styrene	12.044	104	36093	9.019	ug/l	95
71) Bromoform	12.209	173	8152	10.161	ug/l #	100
73) Isopropylbenzene	12.331	105	59480	9.110	ug/l	99
74) N-amyl acetate	12.142	43	14700	8.336	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	14175	10.653	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	10614m	10.820	ug/l	
77) Bromobenzene	12.611	156	14226	9.955	ug/l	95
78) n-propylbenzene	12.672	91	75662	9.602	ug/l	100
79) 2-Chlorotoluene	12.758	91	40055	9.112	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	47758	8.927	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	4237	8.886	ug/l	98
82) 4-Chlorotoluene	12.855	91	41769	9.220	ug/l	95
83) tert-Butylbenzene	13.075	119	41947	8.783	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	48221	9.054	ug/l	100
85) sec-Butylbenzene	13.251	105	67117	9.404	ug/l	99
86) p-Isopropyltoluene	13.367	119	53231	9.164	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	29021	10.103	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	28836	10.018	ug/l	98
89) n-Butylbenzene	13.696	91	52351	9.381	ug/l	99
90) Hexachloroethane	13.959	117	11024	9.677	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	25453	9.896	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2420	11.157	ug/l	81
93) 1,2,4-Trichlorobenzene	15.013	180	13976	9.350	ug/l	97
94) Hexachlorobutadiene	15.117	225	8242	10.569	ug/l	97
95) Naphthalene	15.239	128	29448	7.326	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	12321	9.398	ug/l	97

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ClientSampleId :
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Manual Integrations
APPROVED

Reviewed By : John Carlone 05/18/2022
Supervised By : Mahesh Dadoda 05/18/2022

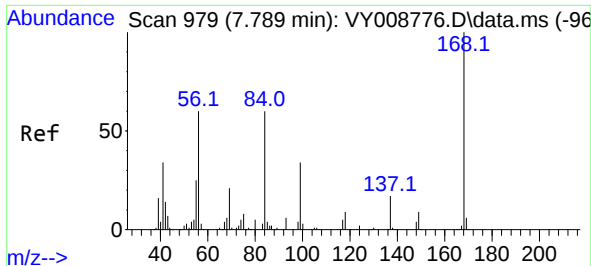
Quant Time: May 18 02:22:42 2022
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Quant Title : SW846 8260
QLast Update : Wed May 18 02:20:50 2022
Response via : Initial Calibration

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

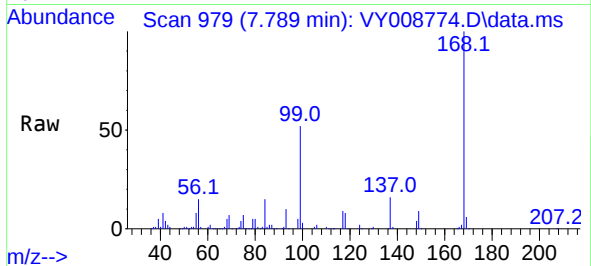
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

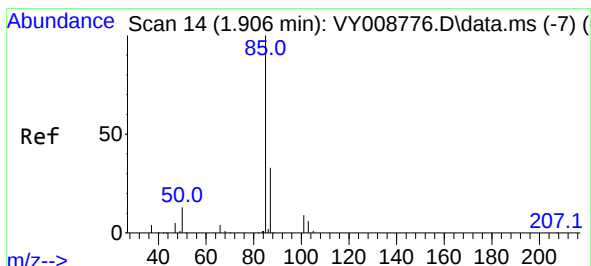
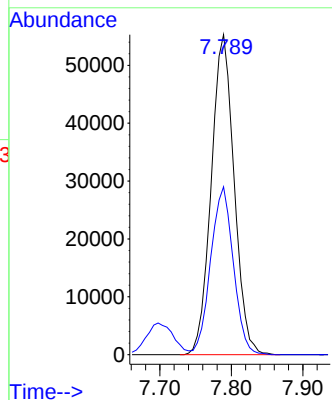
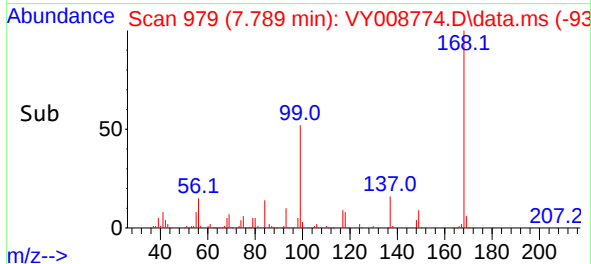
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 12288
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3

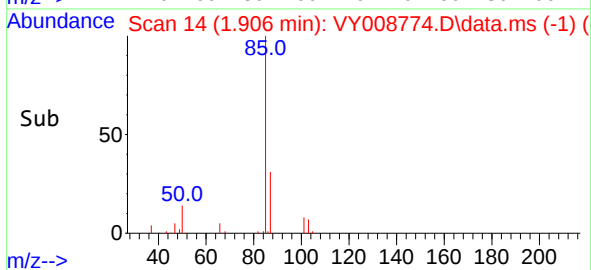
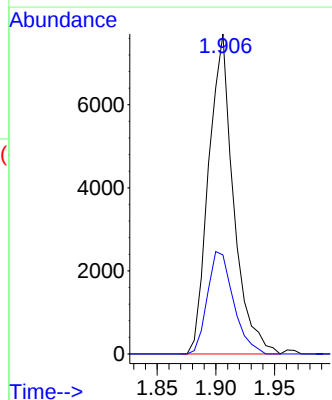
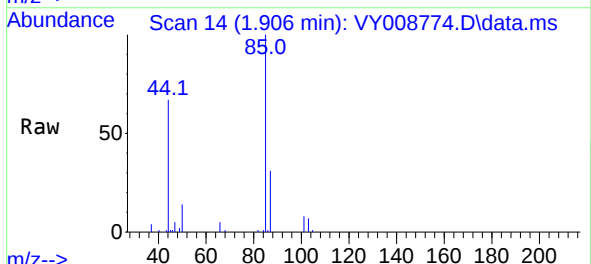
Manual Integrations
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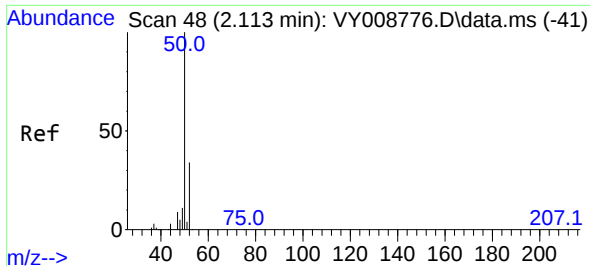
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#2
Dichlorodifluoromethane
Concen: 11.417 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

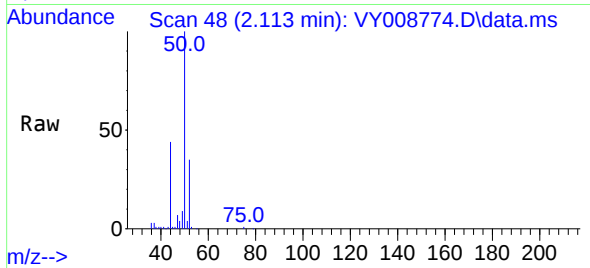
Tgt Ion: 85 Resp: 11347
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2





#3
Chloromethane
Concen: 13.198 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

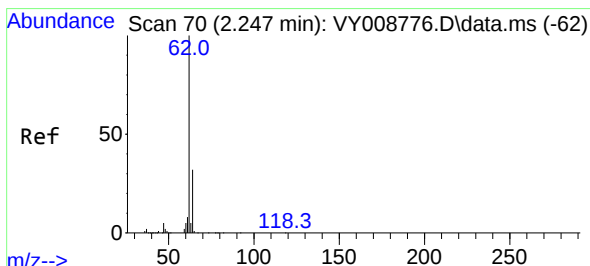
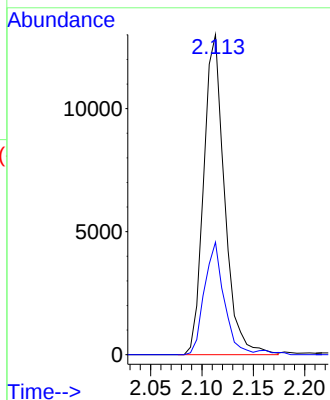
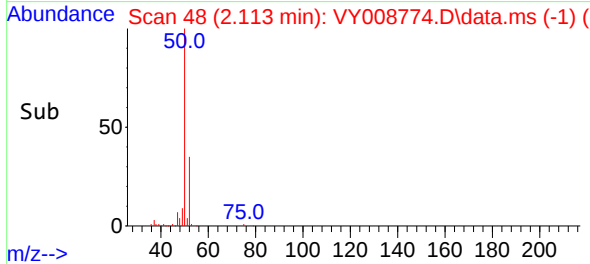
Instrument :
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Tgt Ion: 50 Resp: 18349
Ion Ratio Lower Upper
50 100
52 35.1 24.6 37.0

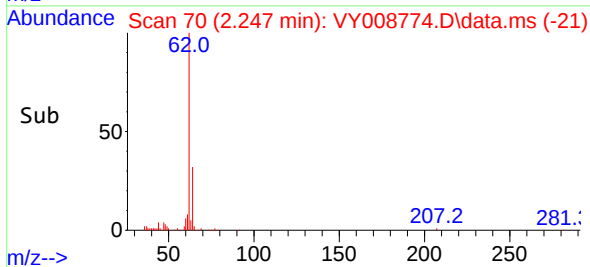
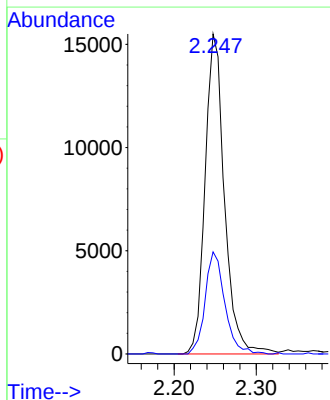
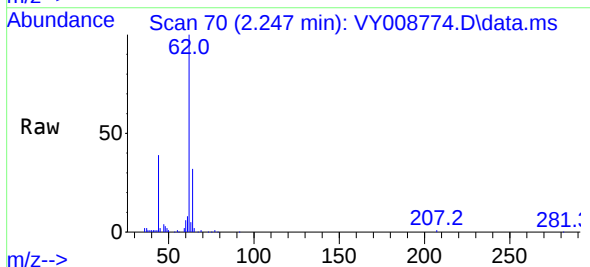
Manual Integrations
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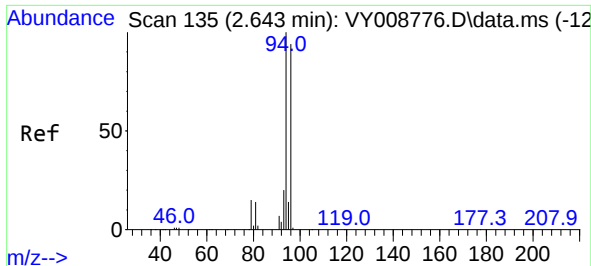
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 15.101 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

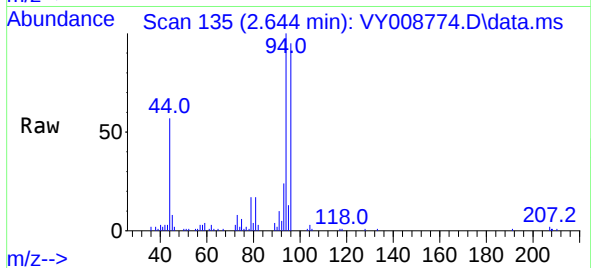
Tgt Ion: 62 Resp: 25367
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#5
Bromomethane
Concen: 13.847 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

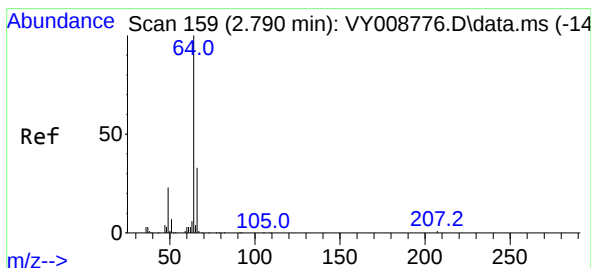
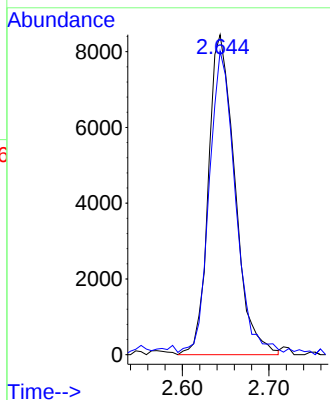
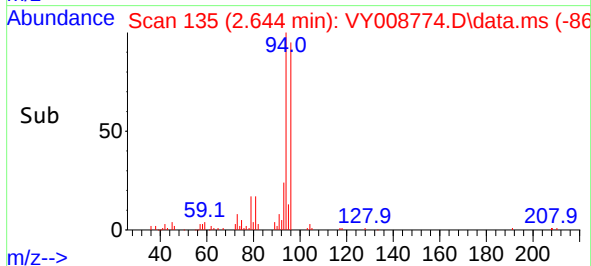
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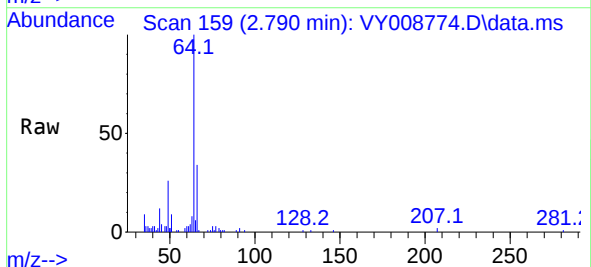
Tgt Ion: 94 Resp: 17938
Ion Ratio Lower Upper
94 100
96 94.1 73.5 110.3

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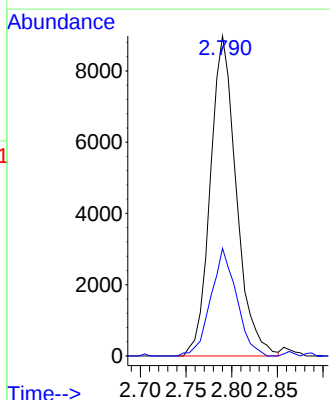
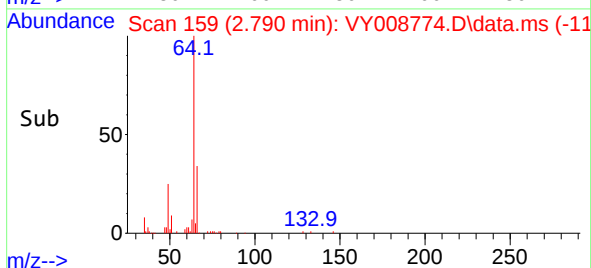
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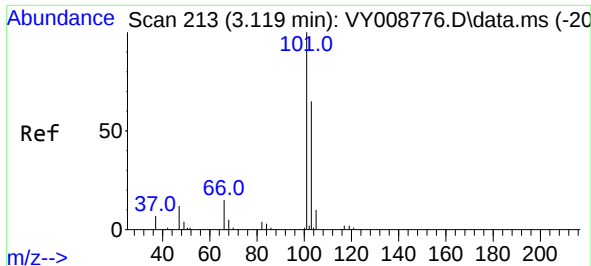


#6
Chloroethane
Concen: 15.878 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY008774.D
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Tgt Ion: 64 Resp: 17810
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.0





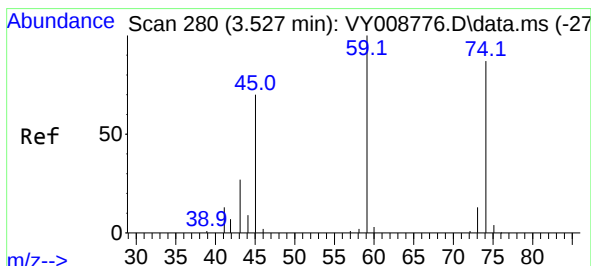
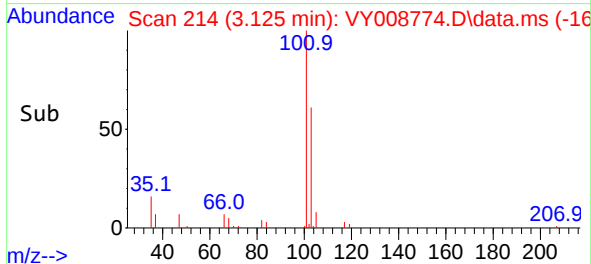
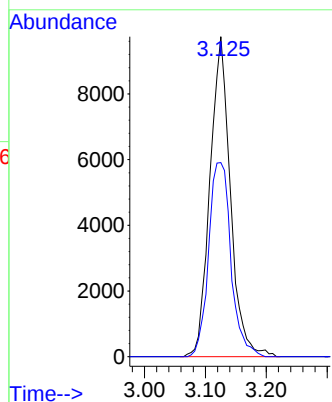
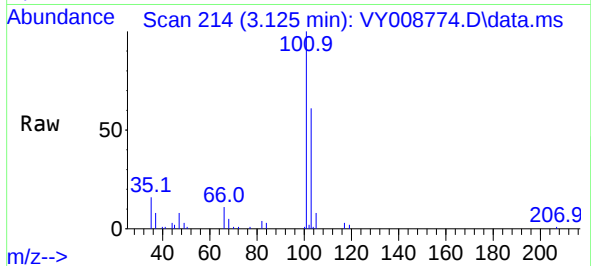
#7
Trichlorofluoromethane
Concen: 10.904 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
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ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 2271
Ion Ratio Lower Upper
101 100
103 60.6 48.0 72.0

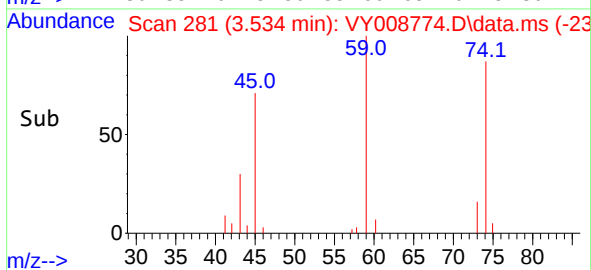
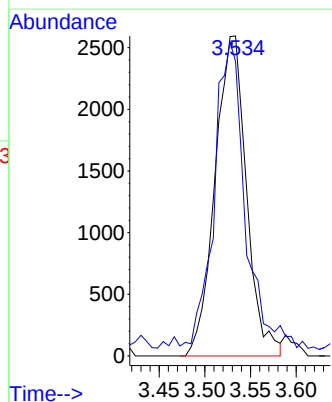
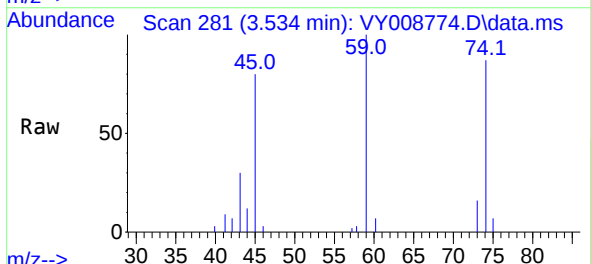
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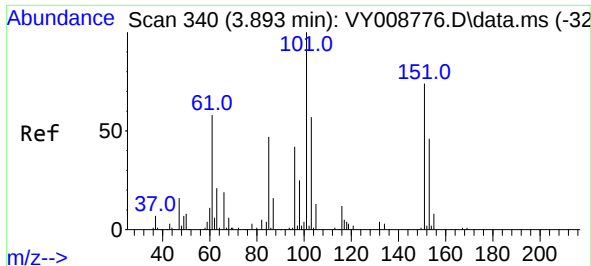
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#8
Diethyl Ether
Concen: 8.486 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 74 Resp: 6208
Ion Ratio Lower Upper
74 100
45 95.8 55.1 165.5





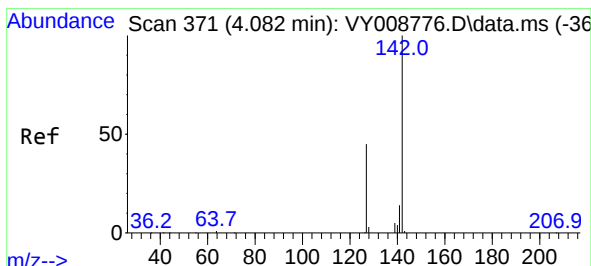
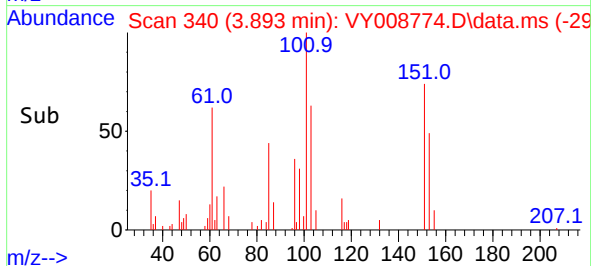
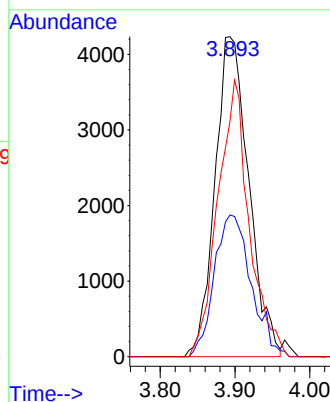
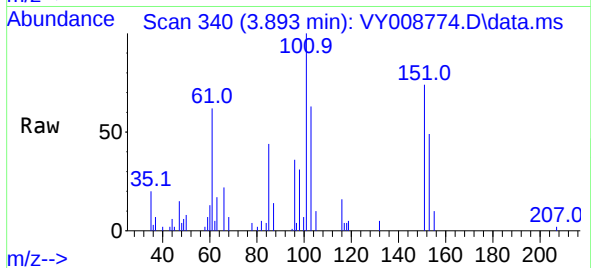
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.116 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 1331
Ion Ratio Lower Upper
101 100
85 48.3 40.6 60.8
151 80.0 64.9 97.3

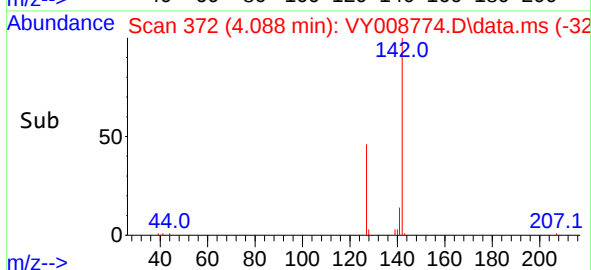
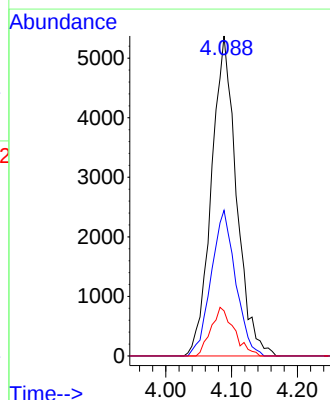
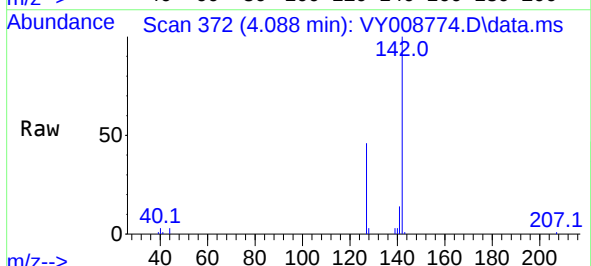
Manual Integrations
APPROVED

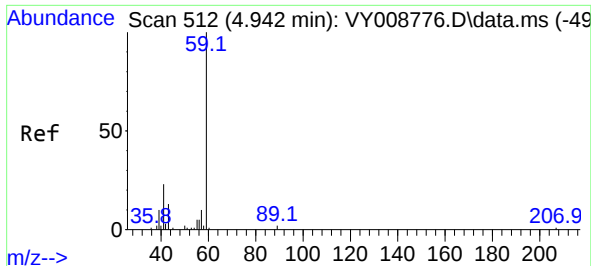
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 10.818 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

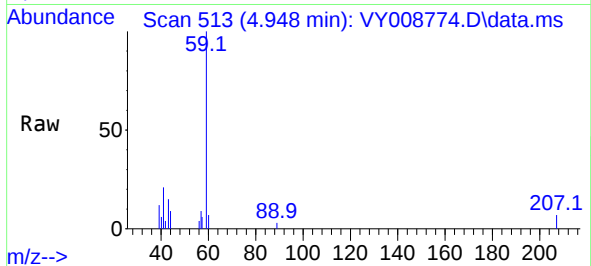
Tgt Ion:142 Resp: 14239
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.0 11.9 17.9





#11
Tert butyl alcohol
Concen: 49.096 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

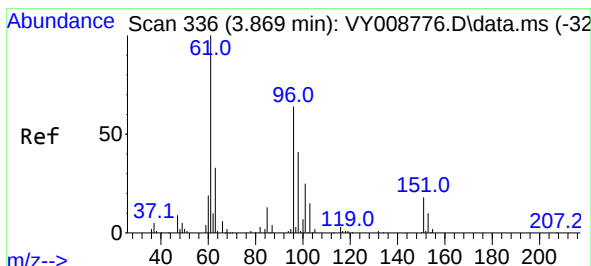
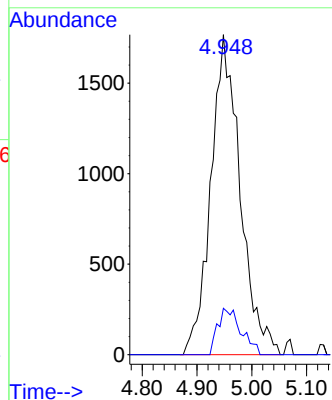
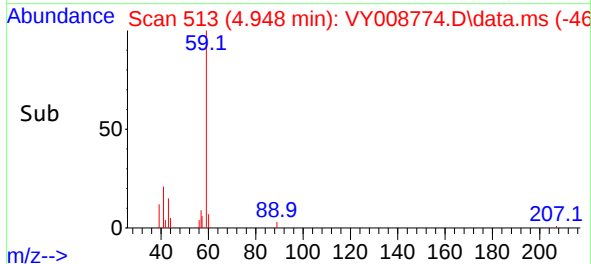
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



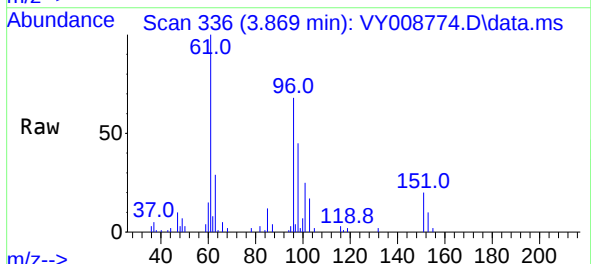
Tgt Ion: 59 Resp: 6572
Ion Ratio Lower Upper
59 100
57 11.5 6.4 9.6

Manual Integrations
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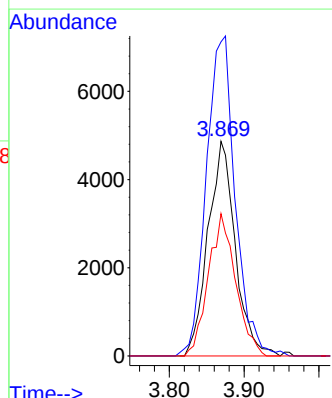
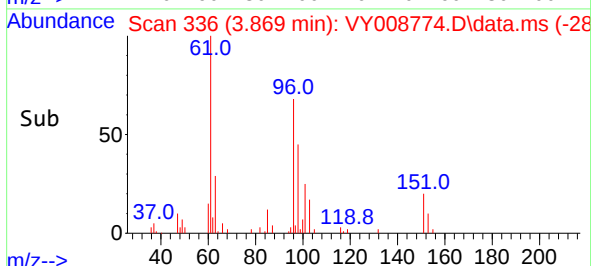
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

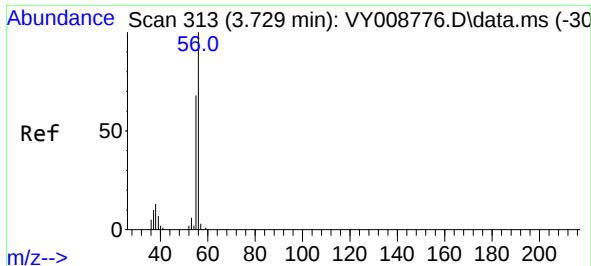


#12
1,1-Dichloroethene
Concen: 10.063 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



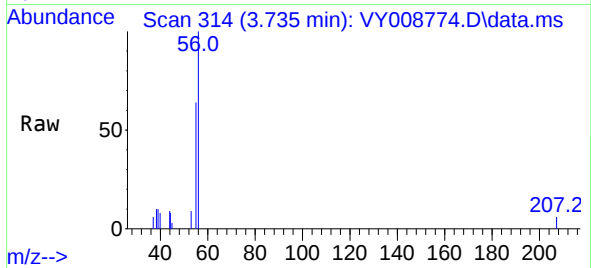
Tgt Ion: 96 Resp: 12363
Ion Ratio Lower Upper
96 100
61 144.8 145.8 218.6#
98 66.3 52.5 78.7





#13
Acrolein
Concen: 35.002 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

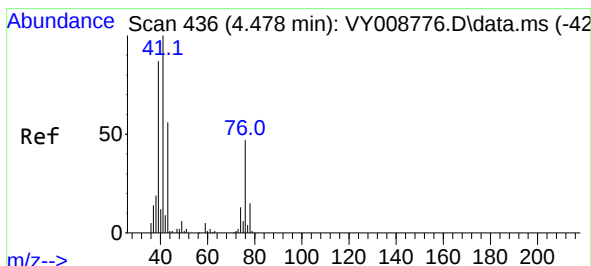
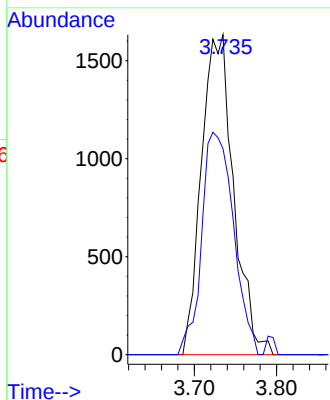
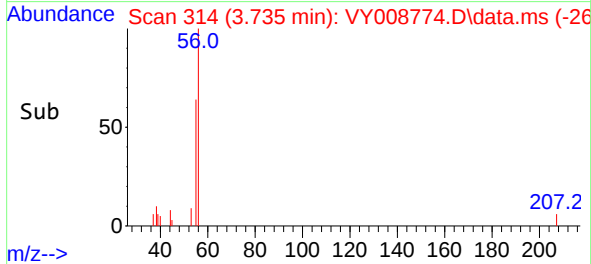
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 4440
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4

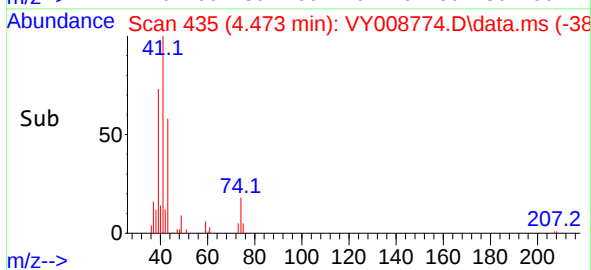
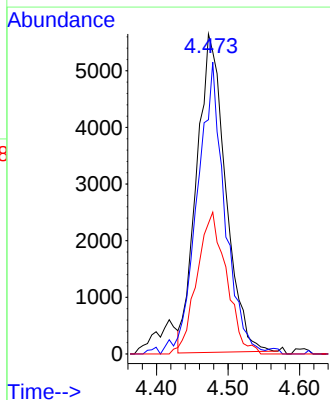
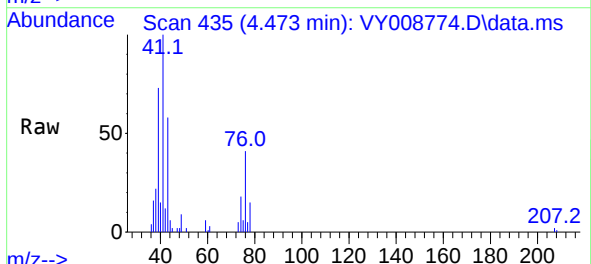
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#14
Allyl chloride
Concen: 7.901 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

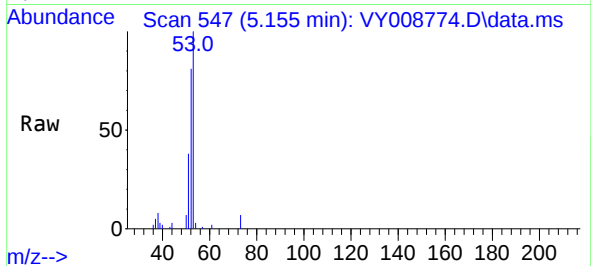
Tgt Ion: 41 Resp: 15803
Ion Ratio Lower Upper
41 100
39 87.5 58.8 88.2
76 45.5 25.1 37.7#





#15
Acrylonitrile
Concen: 50.022 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

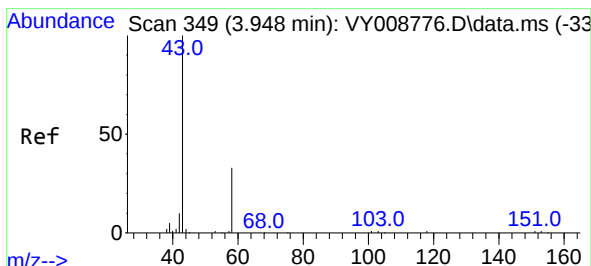
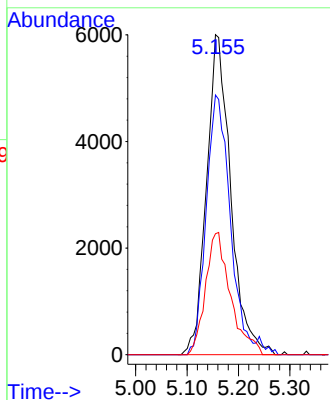
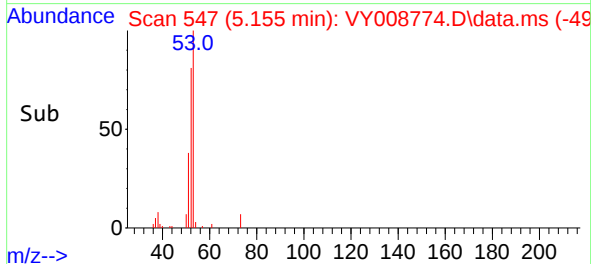
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



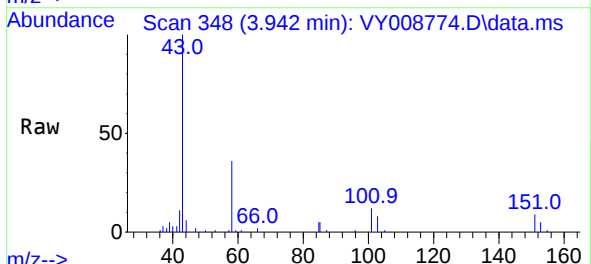
Tgt Ion: 53 Resp: 19630
Ion Ratio Lower Upper
53 100
52 79.8 67.0 100.4
51 39.4 29.8 44.6

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APPROVED

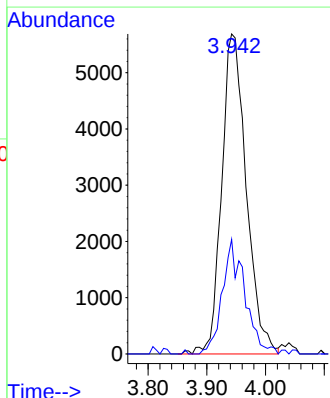
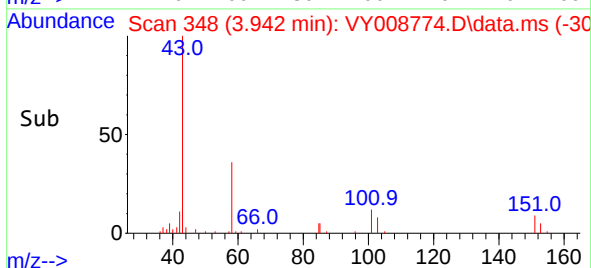
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

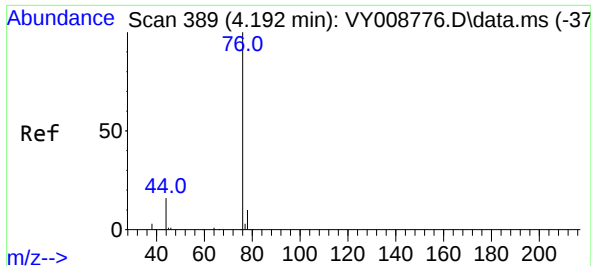


#16
Acetone
Concen: 49.296 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion: 43 Resp: 16583
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#





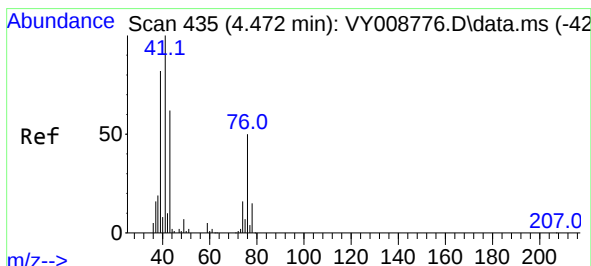
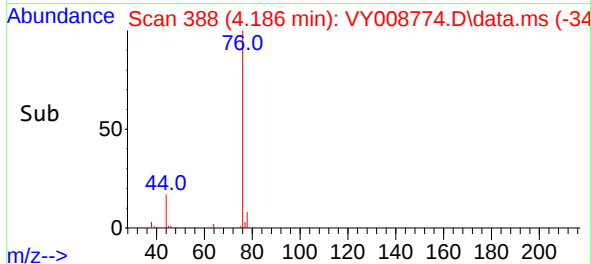
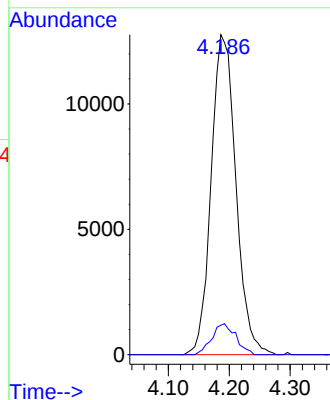
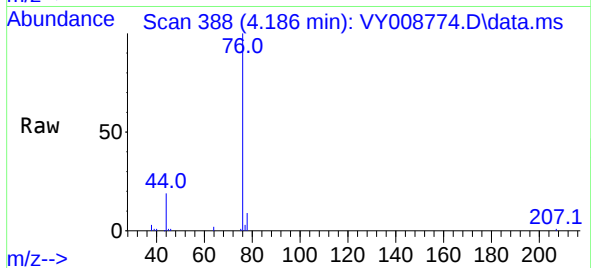
#17
Carbon Disulfide
Concen: 10.332 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 3598
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

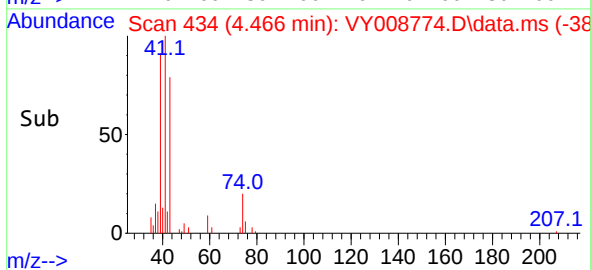
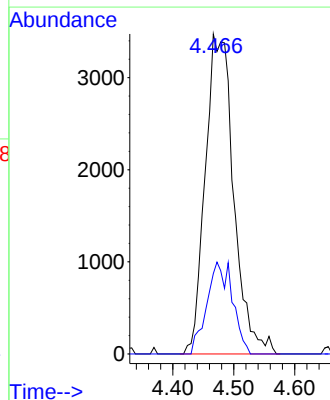
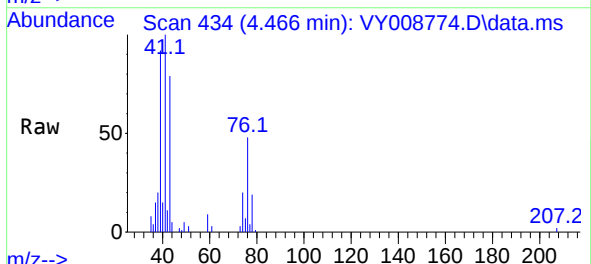
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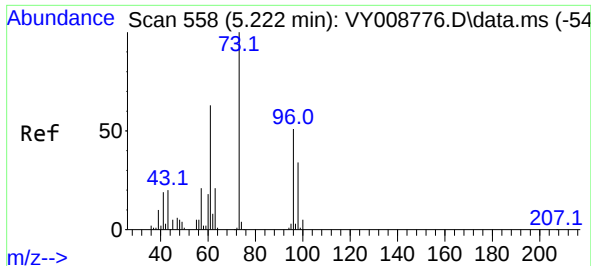
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#18
Methyl Acetate
Concen: 10.798 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 43 Resp: 11237
Ion Ratio Lower Upper
43 100
74 25.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 8.002 ug/l

RT: 5.216 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 73 Resp: 2961

Ion Ratio Lower Upper

73 100

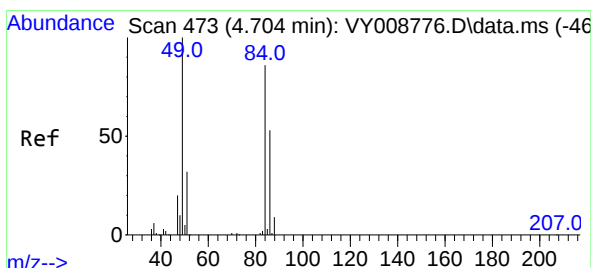
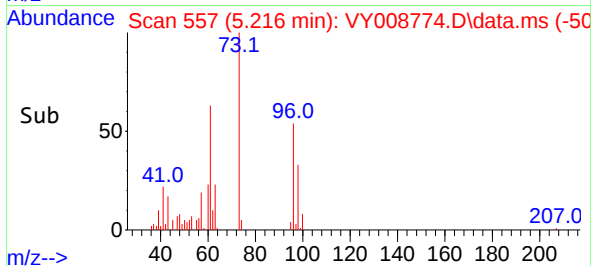
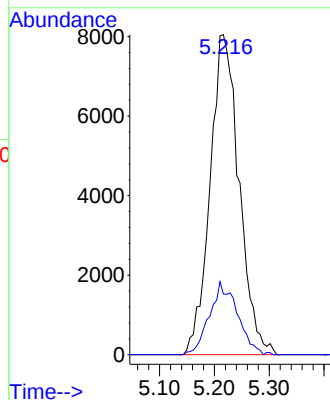
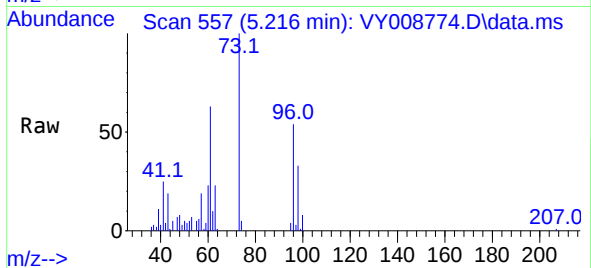
57 19.0 18.6 27.8

Manual Integrations

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Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#20

Methylene Chloride

Concen: 11.457 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Tgt Ion: 84 Resp: 17957

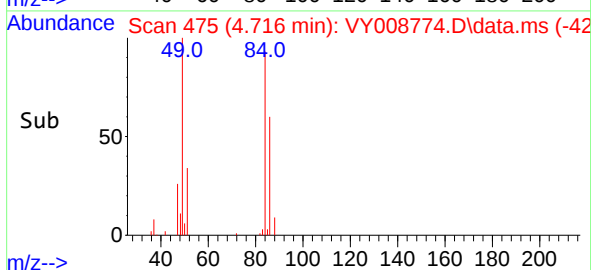
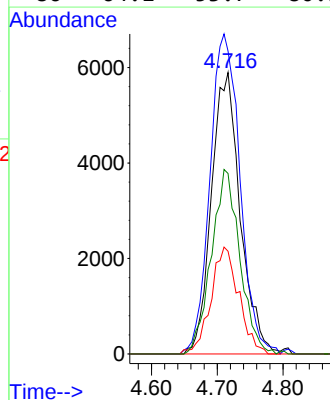
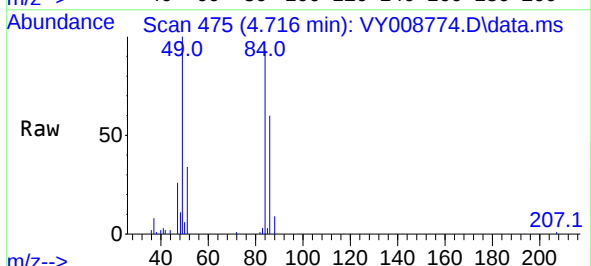
Ion Ratio Lower Upper

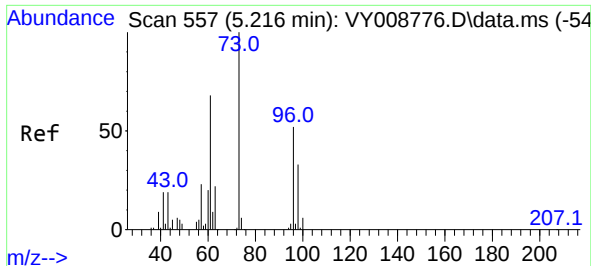
84 100

49 107.6 114.4 171.6#

51 36.5 35.3 52.9

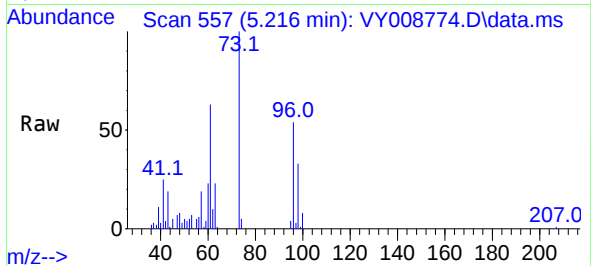
86 64.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 9.821 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

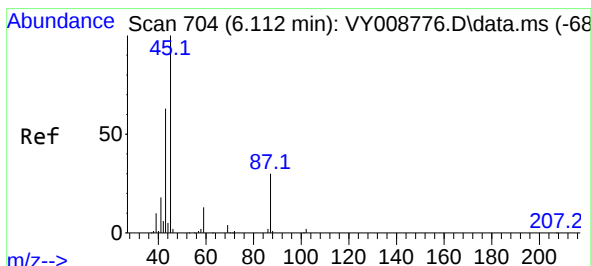
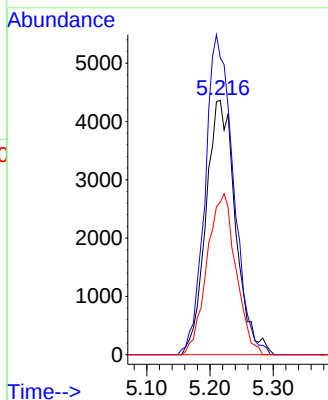
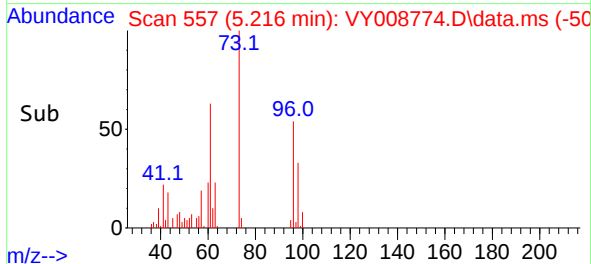
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



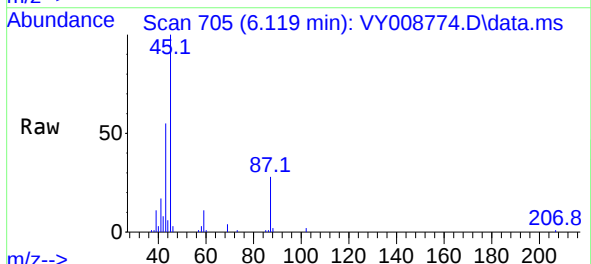
Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 116.8 120.5 180.7
98 59.9 49.8 74.8

Manual Integrations
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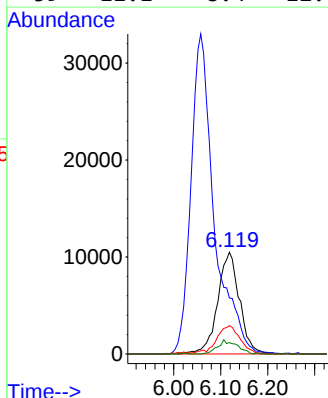
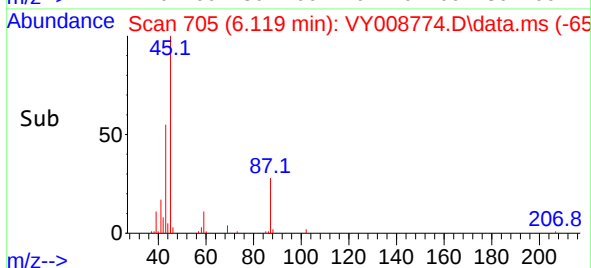
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

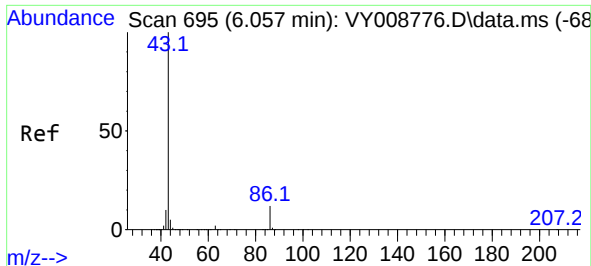


#22
Diisopropyl ether
Concen: 7.997 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion: 45 Resp: 33905
Ion Ratio Lower Upper
45 100
43 54.4 49.3 73.9
87 27.9 19.2 28.8
59 11.1 8.4 12.6





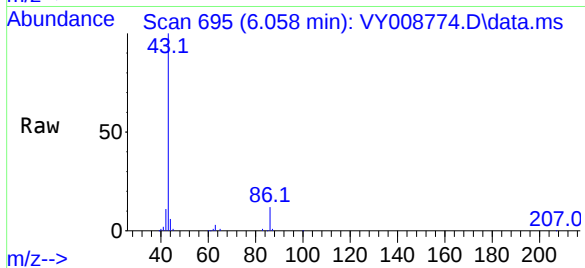
#23
 Vinyl Acetate
 Concen: 42.251 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY008774.D
 Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

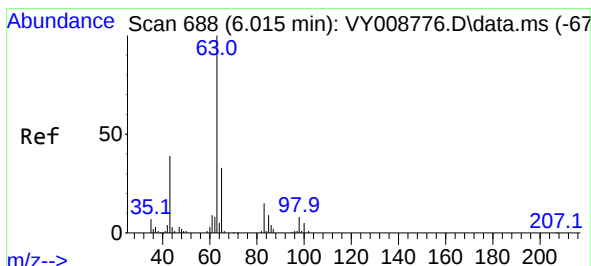
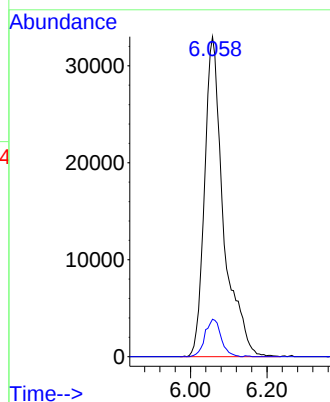
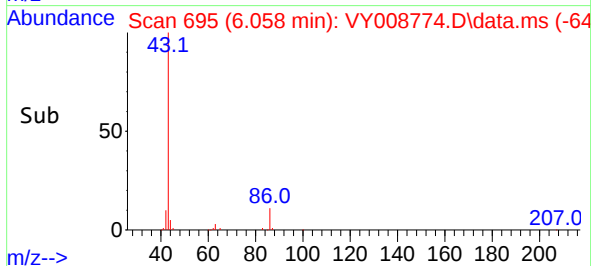


Tgt Ion: 43 Resp: 113670
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7

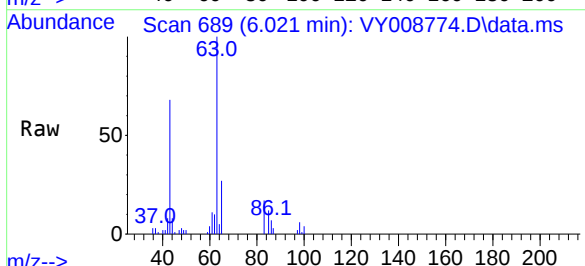
Manual Integrations

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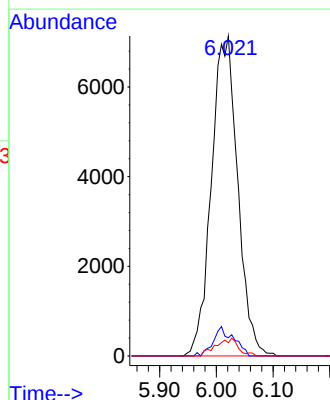
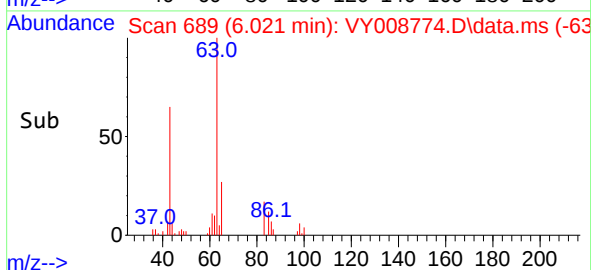
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

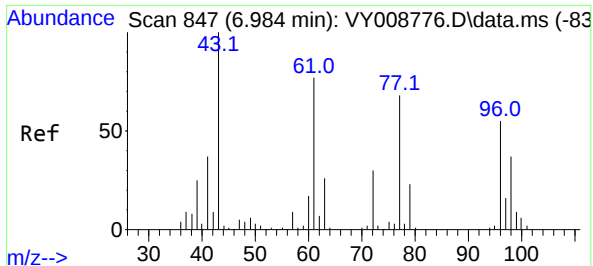


#24
 1,1-Dichloroethane
 Concen: 9.134 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY008774.D
 Acq: 17 May 2022 15:37



Tgt Ion: 63 Resp: 22986
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 48.919 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 25350

Ion Ratio Lower Upper

43 100

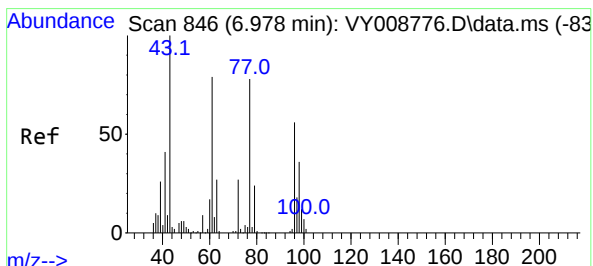
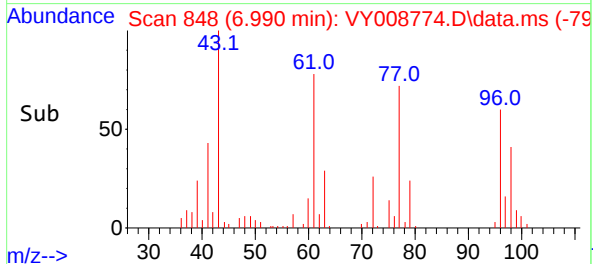
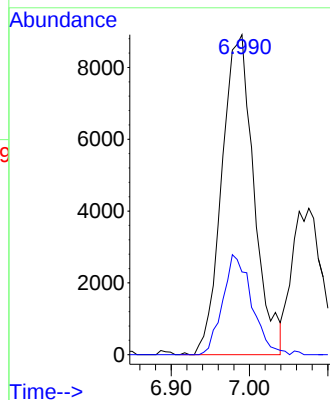
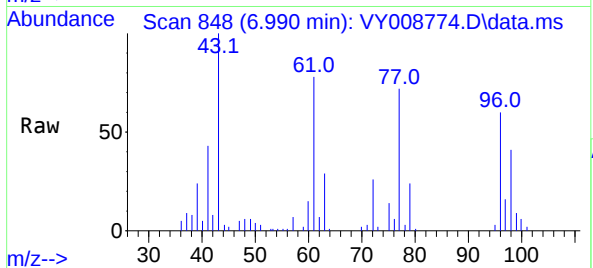
72 25.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#26

2,2-Dichloropropane

Concen: 9.712 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008774.D

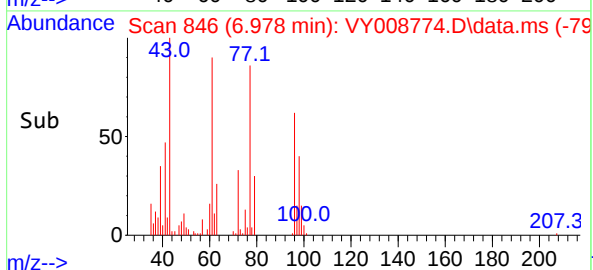
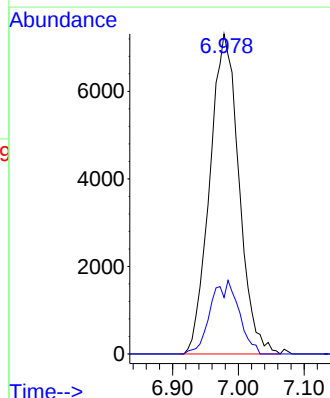
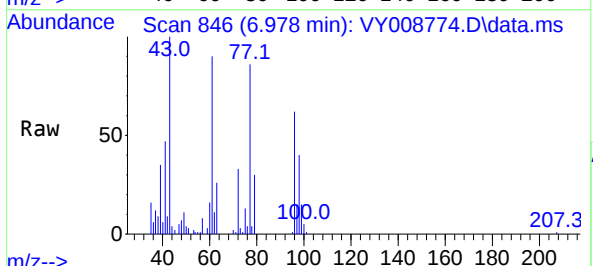
Acq: 17 May 2022 15:37

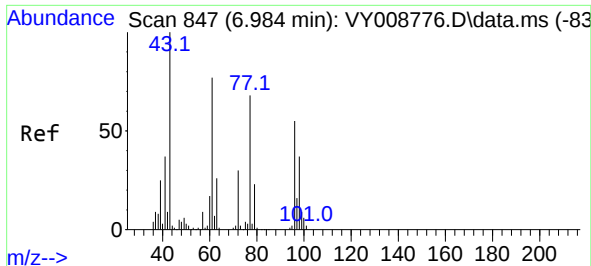
Tgt Ion: 77 Resp: 22598

Ion Ratio Lower Upper

77 100

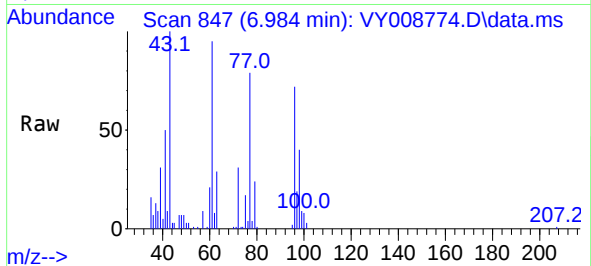
97 11.9 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 9.811 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

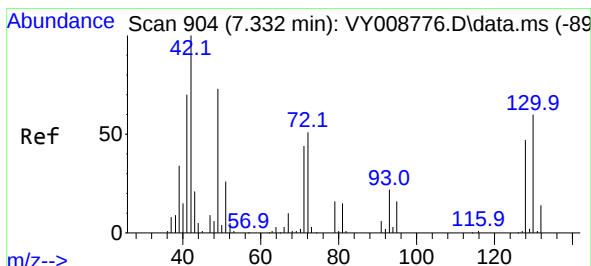
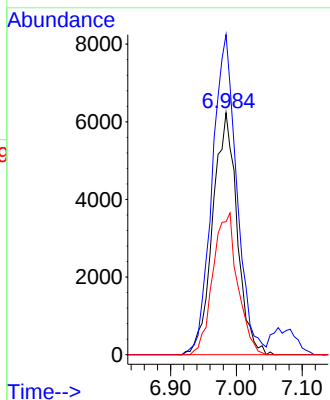
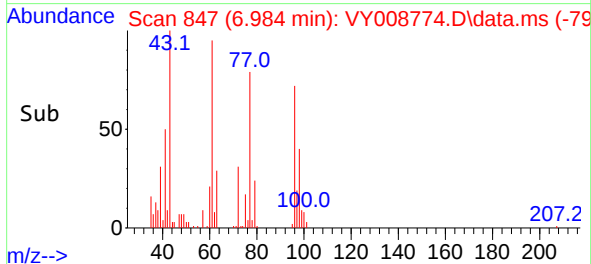
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



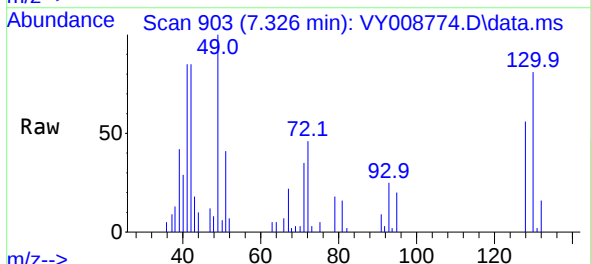
Tgt Ion: 96 Resp: 1605
Ion Ratio Lower Upper
96 100
61 134.0 0.0 319.8
98 59.6 0.0 127.0

Manual Integrations
APPROVED

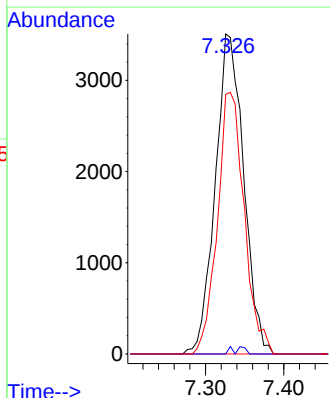
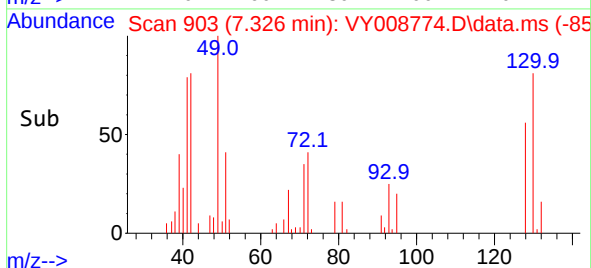
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

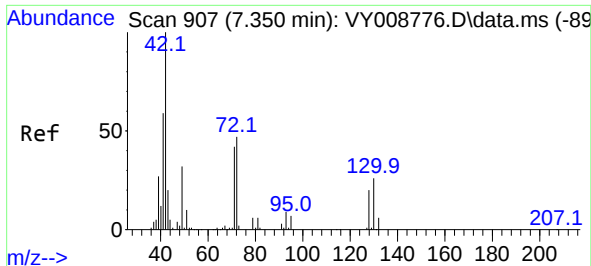


#28
Bromochloromethane
Concen: 9.001 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



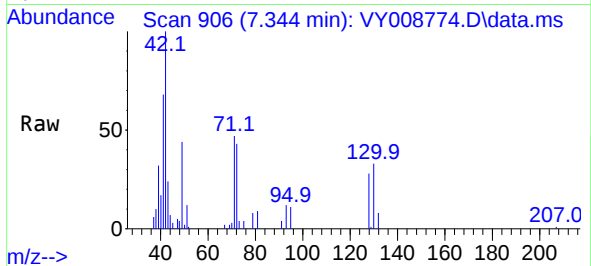
Tgt Ion: 49 Resp: 8826
Ion Ratio Lower Upper
49 100
129 0.3 0.0 2.2
130 77.3 55.4 83.0





#29
Tetrahydrofuran
Concen: 48.231 ug/l
RT: 7.344 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

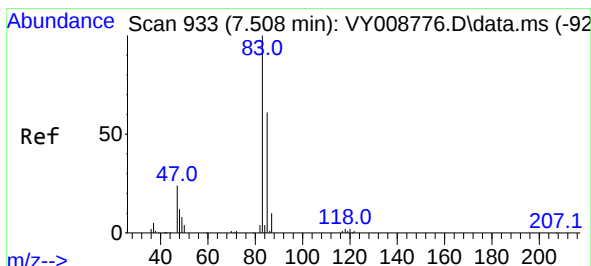
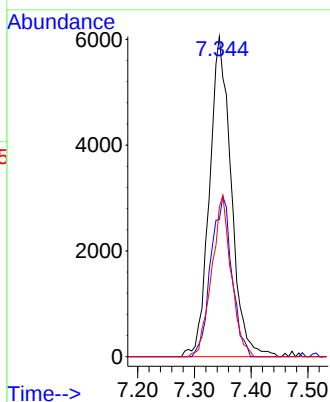
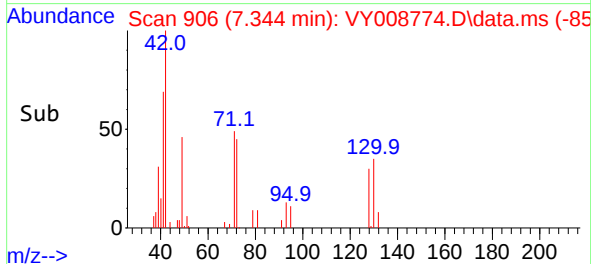
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



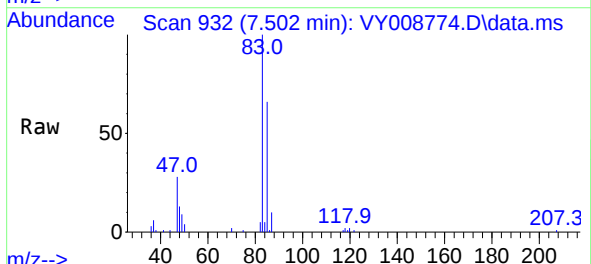
Tgt Ion: 42 Resp: 1611
Ion Ratio Lower Upper
42 100
72 48.3 30.3 45.5
71 45.0 29.0 43.4

Manual Integrations
APPROVED

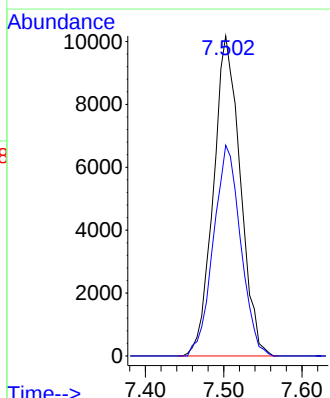
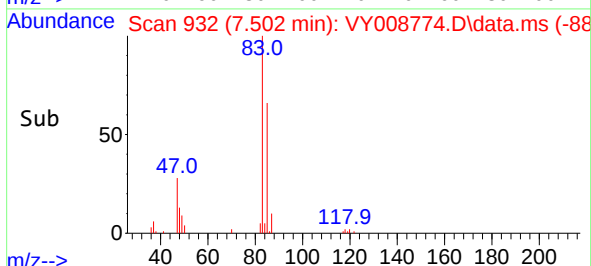
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

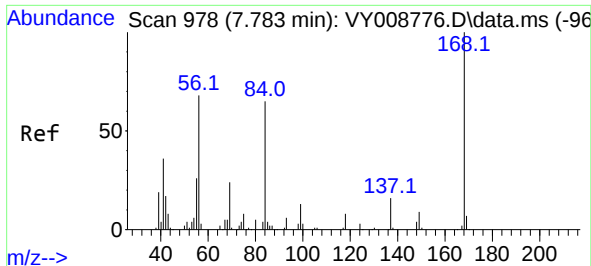


#30
Chloroform
Concen: 9.259 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



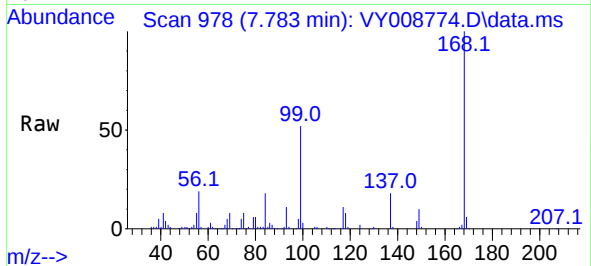
Tgt Ion: 83 Resp: 24210
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6





#31
Cyclohexane
Concen: 9.467 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

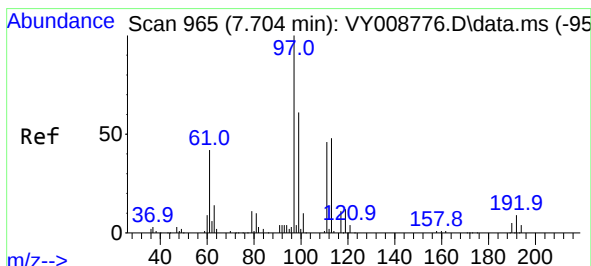
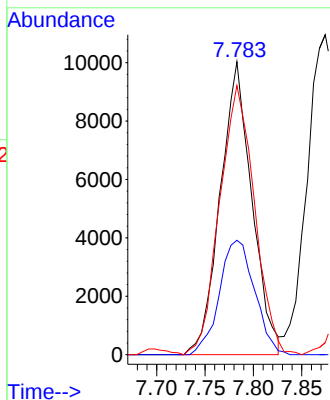
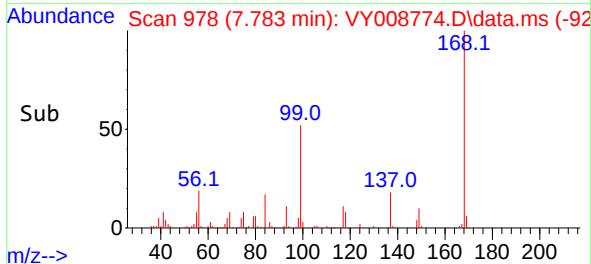
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



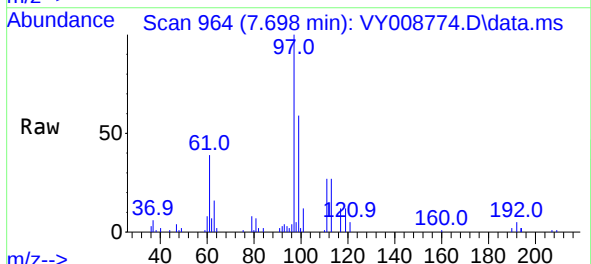
Tgt Ion: 56 Resp: 2284
Ion Ratio Lower Upper
56 100
69 39.1 26.7 40.1
84 91.2 67.2 100.8

Manual Integrations
APPROVED

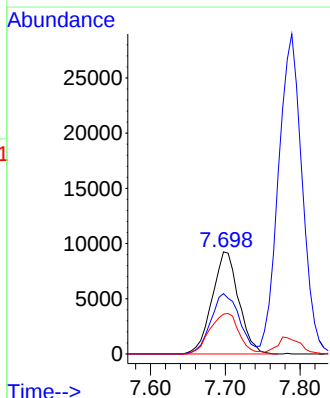
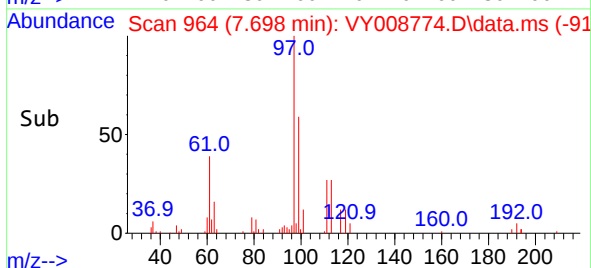
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

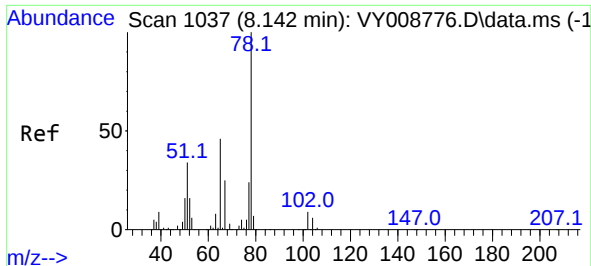


#32
1,1,1-Trichloroethane
Concen: 9.682 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion: 97 Resp: 22872
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 7.953 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 10754

Ion Ratio Lower Upper

65 100

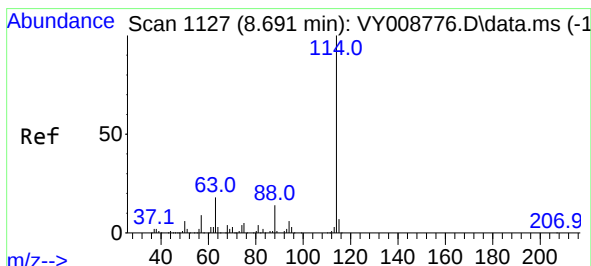
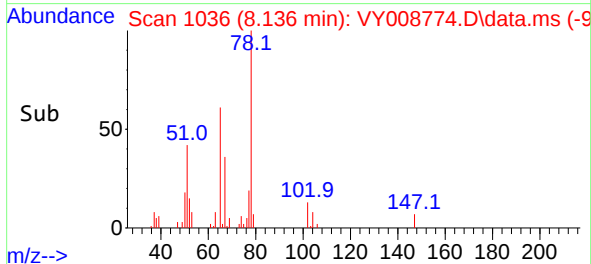
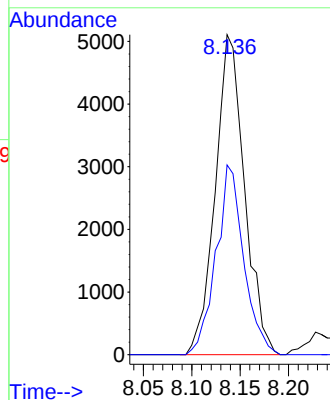
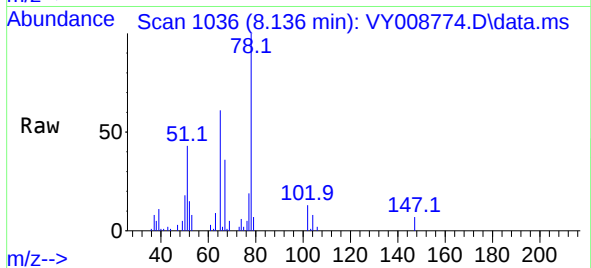
67 55.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

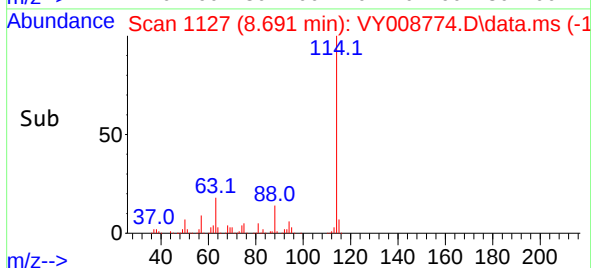
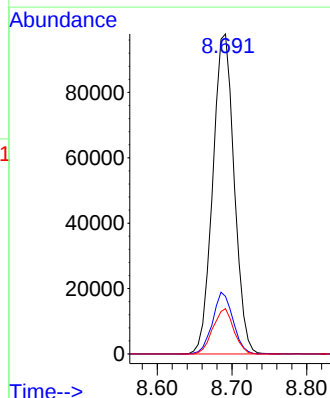
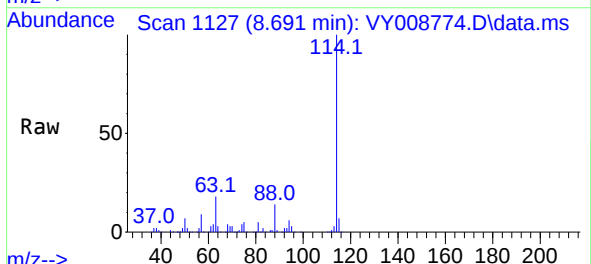
Tgt Ion:114 Resp: 195095

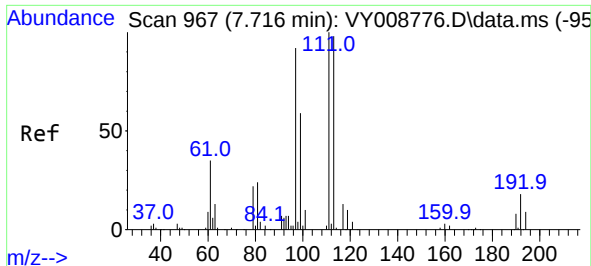
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

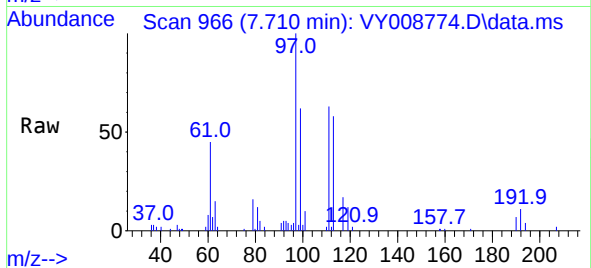
88 14.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 9.016 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

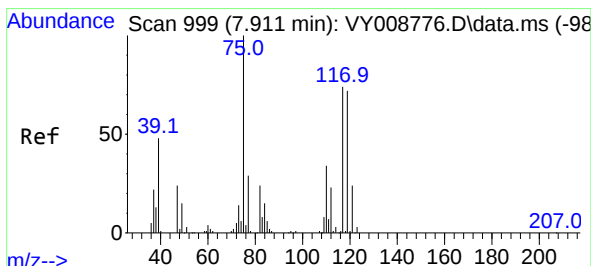
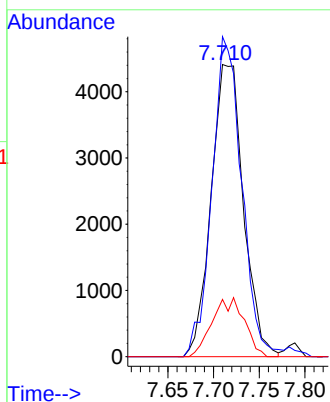
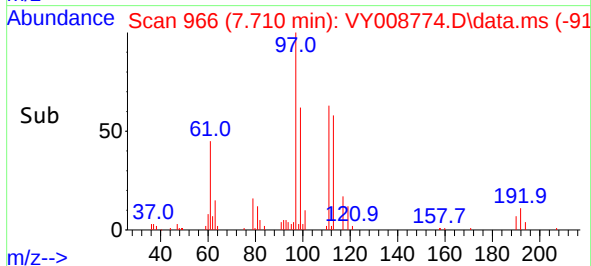
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



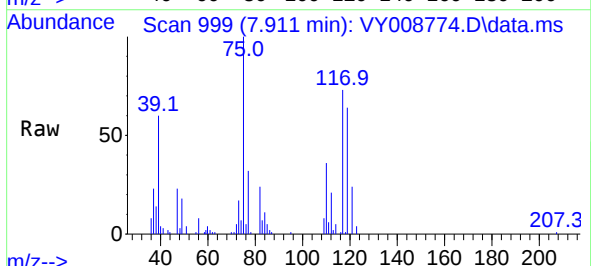
Tgt Ion: 113 Resp: 1085
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 20.1 17.6 26.4

Manual Integrations
APPROVED

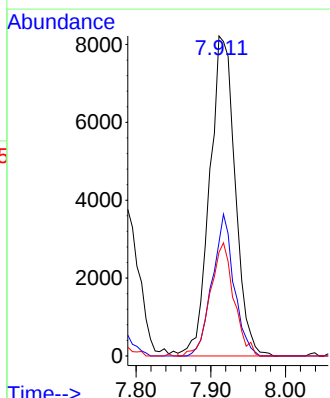
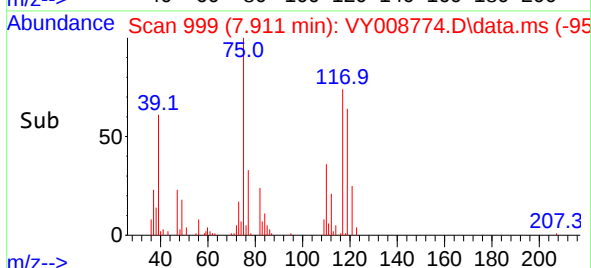
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

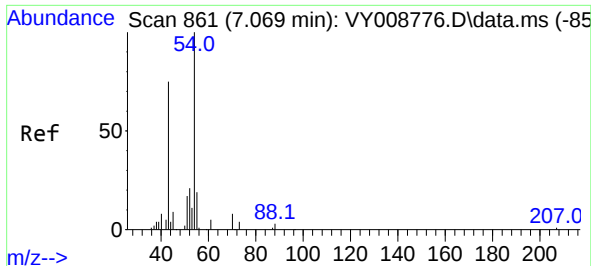


#36
1,1-Dichloropropene
Concen: 10.459 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



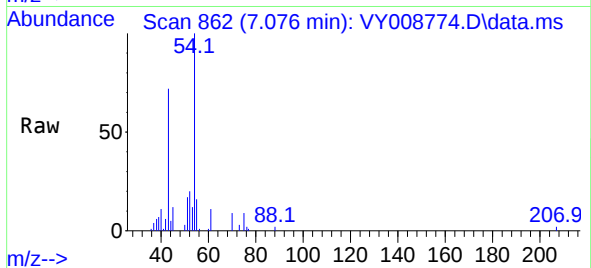
Tgt Ion: 75 Resp: 19411
Ion Ratio Lower Upper
75 100
110 37.8 17.1 51.2
77 32.9 24.4 36.6





#37
Ethyl Acetate
Concen: 11.167 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

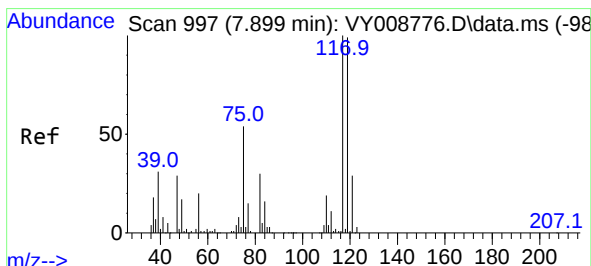
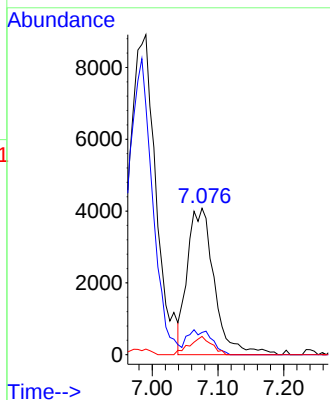
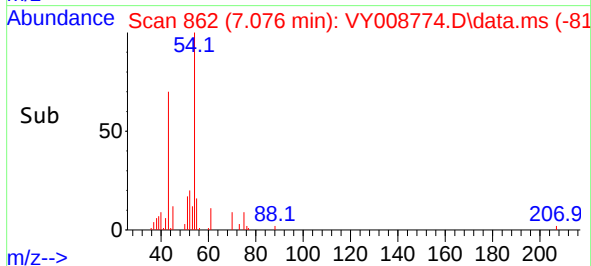
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 11579
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5
70 10.1 7.1 10.7

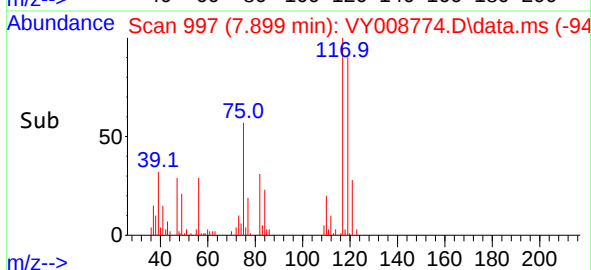
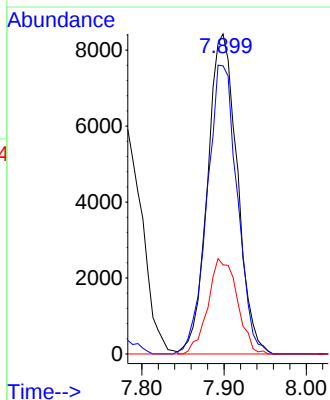
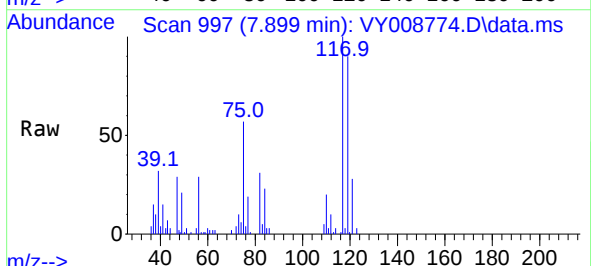
Manual Integrations
APPROVED

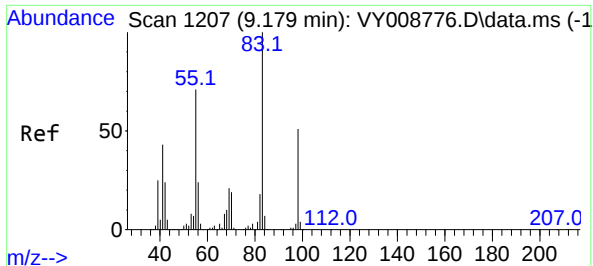
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 10.969 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:117 Resp: 21120
Ion Ratio Lower Upper
117 100
119 90.0 77.9 116.9
121 27.8 24.8 37.2





#39

Methylcyclohexane

Concen: 9.111 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

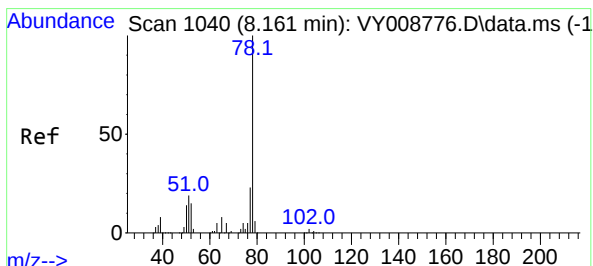
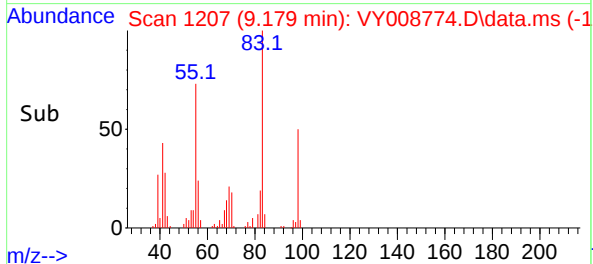
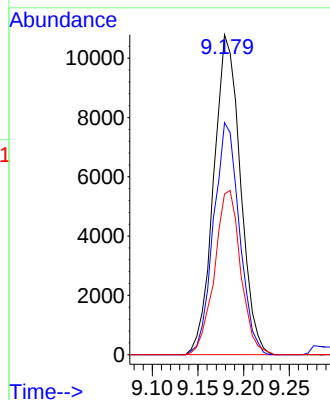
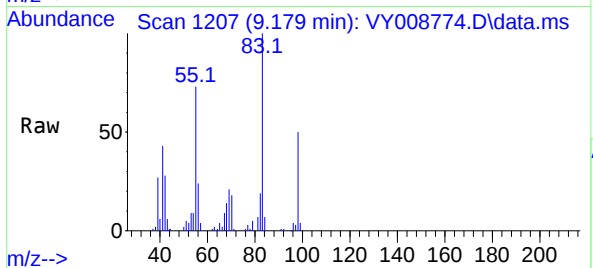
Tgt Ion:	83	Resp:	2189
Ion	Ratio	Lower	Upper
83	100		
55	72.5	66.5	99.7
98	50.3	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 10.322 ug/l

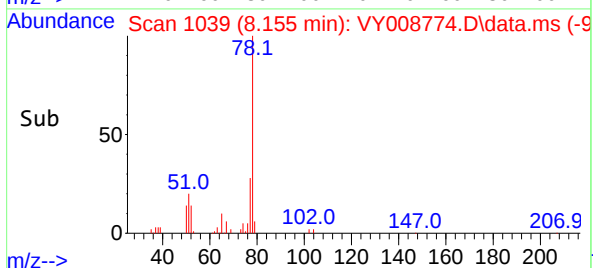
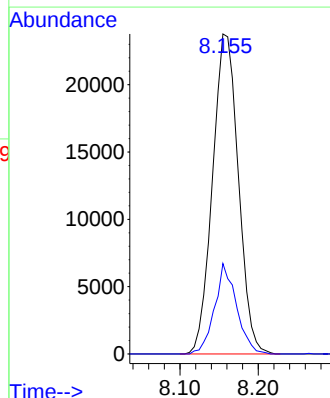
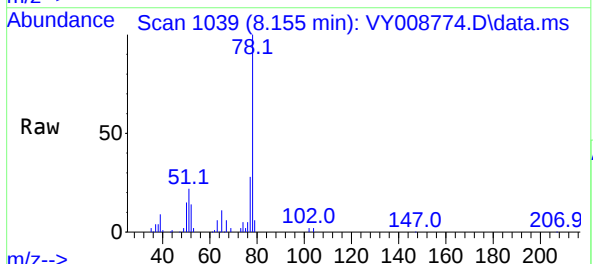
RT: 8.155 min Scan# 1039

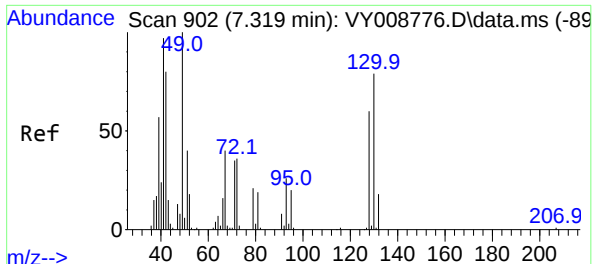
Delta R.T. -0.006 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

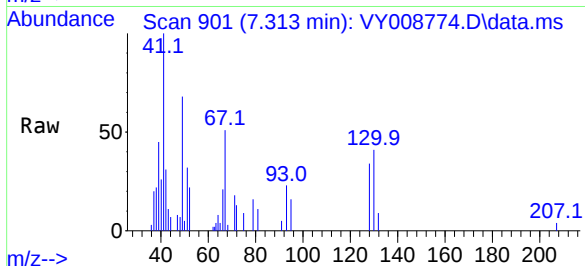
Tgt Ion:	78	Resp:	54468
Ion	Ratio	Lower	Upper
78	100		
77	28.2	20.4	30.6





#41
Methacrylonitrile
Concen: 10.634 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

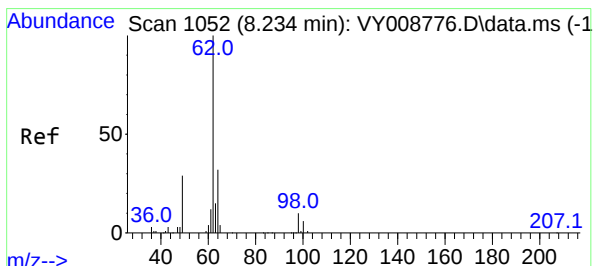
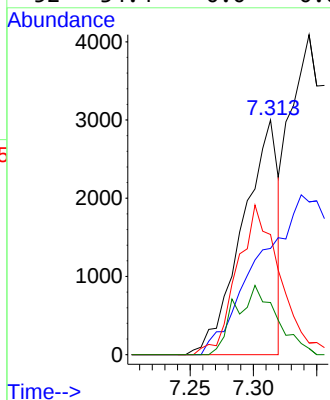
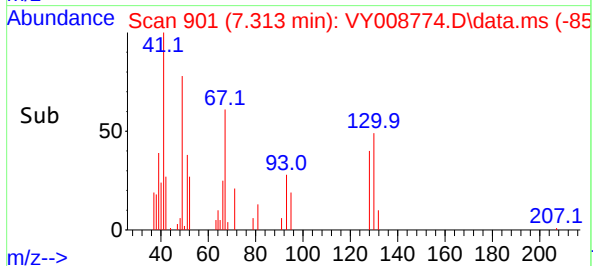
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 589
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 76.4 0.0 0.0
52 34.4 0.0 0.0

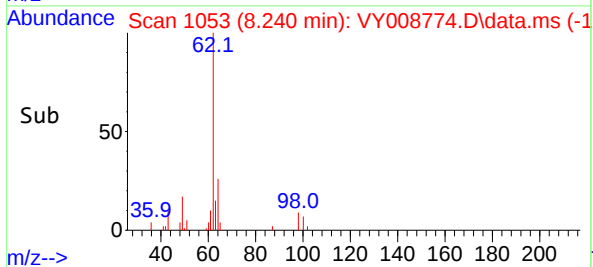
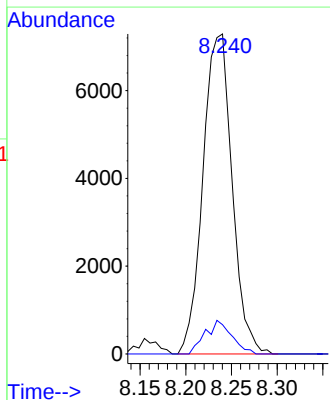
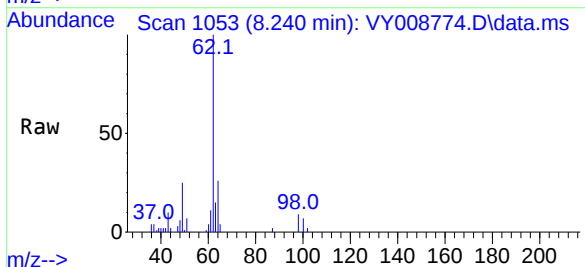
Manual Integrations
APPROVED

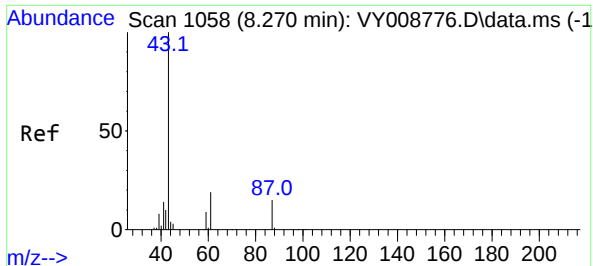
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 10.466 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

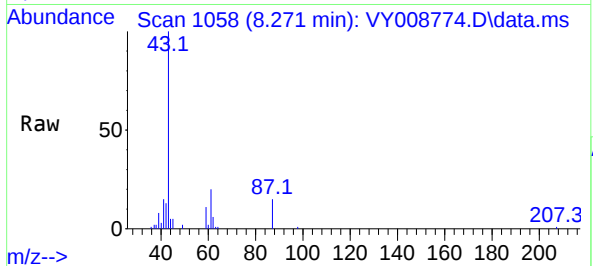
Tgt Ion: 62 Resp: 16167
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 9.292 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

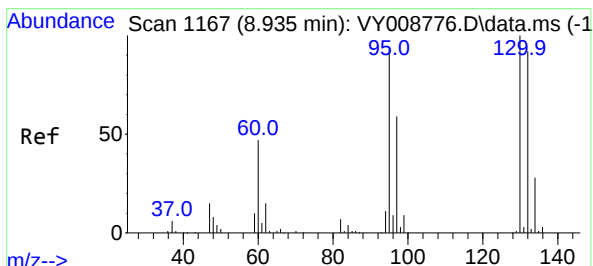
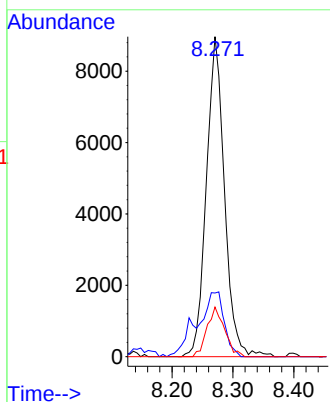
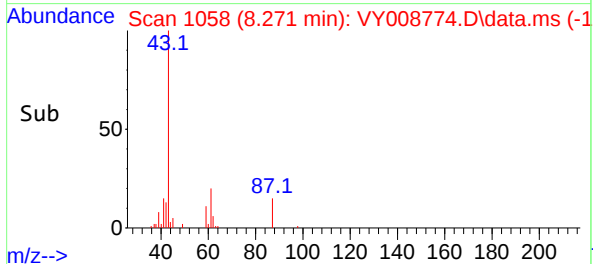
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 1856
Ion Ratio Lower Upper
43 100
61 22.4 20.2 30.2
87 15.1 8.9 13.3

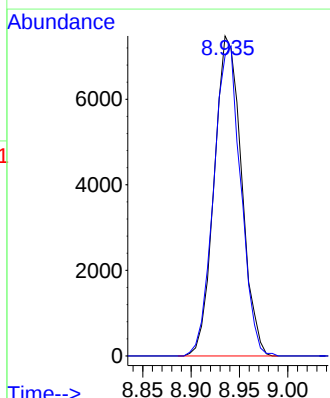
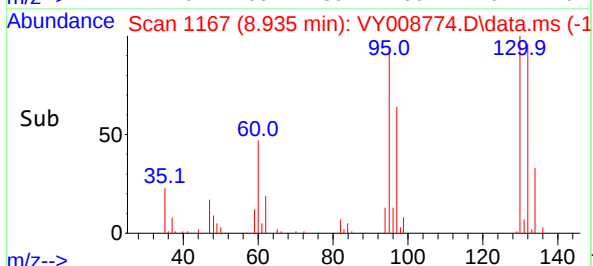
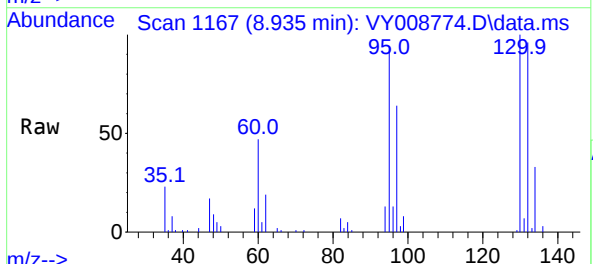
Manual Integrations
APPROVED

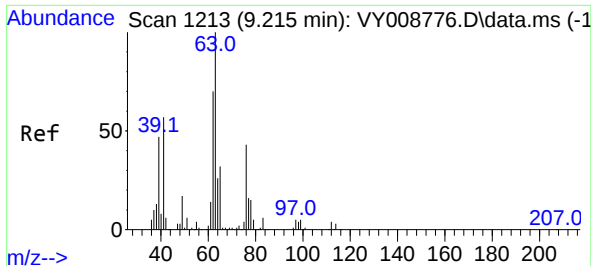
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 10.301 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:130 Resp: 14639
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.2





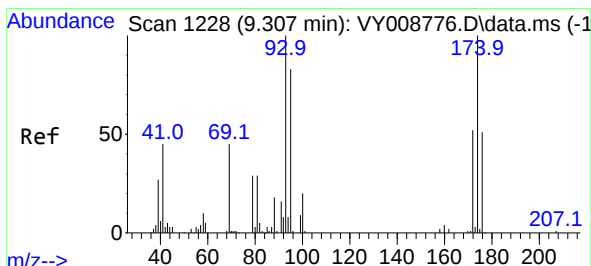
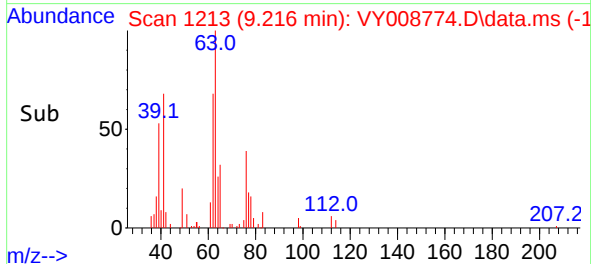
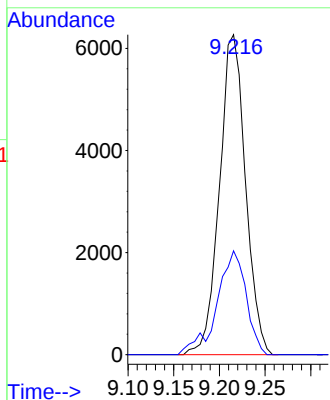
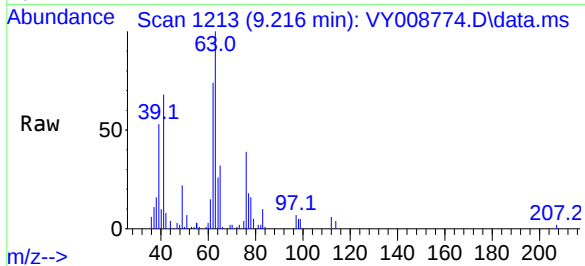
#45
1,2-Dichloropropane
Concen: 9.358 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 1243
Ion Ratio Lower Upper
63 100
65 32.4 23.0 34.6

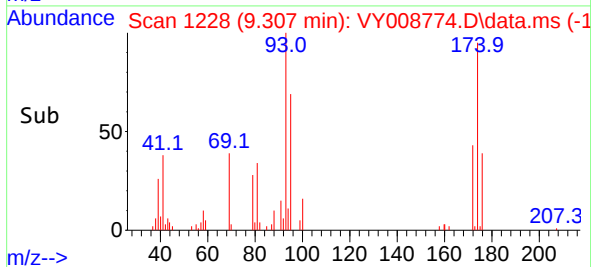
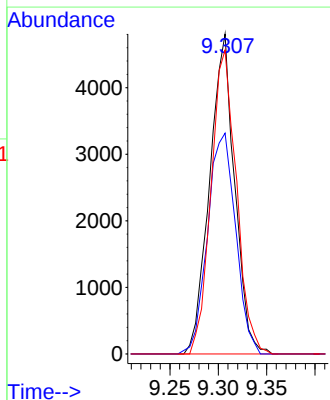
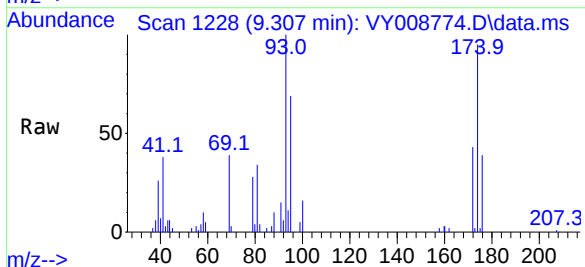
Manual Integrations
APPROVED

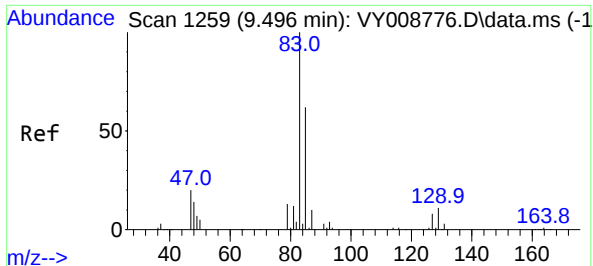
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#46
Dibromomethane
Concen: 10.780 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 93 Resp: 8654
Ion Ratio Lower Upper
93 100
95 77.1 64.3 96.5
174 95.9 83.4 125.0





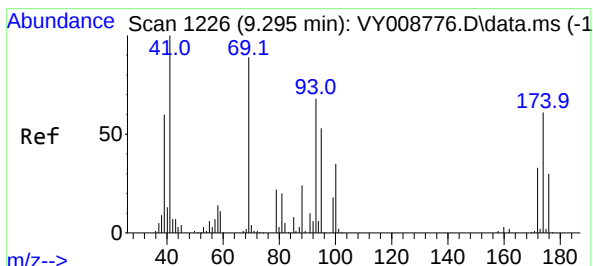
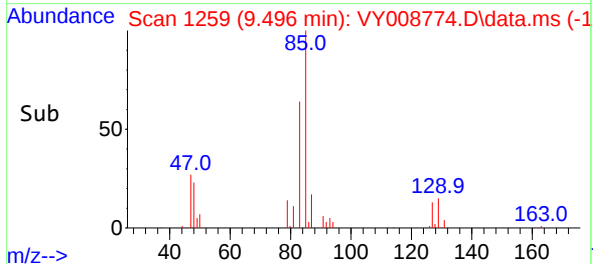
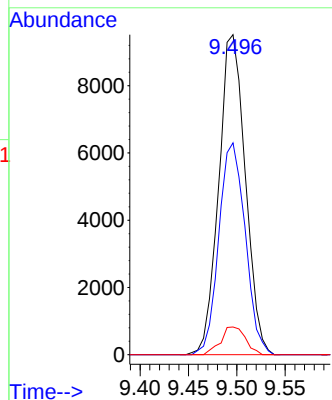
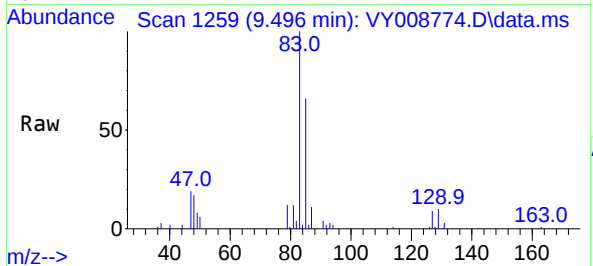
#47
Bromodichloromethane
Concen: 9.709 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 1817
Ion Ratio Lower Upper
83 100
85 66.2 51.9 77.9
127 8.6 6.6 10.0

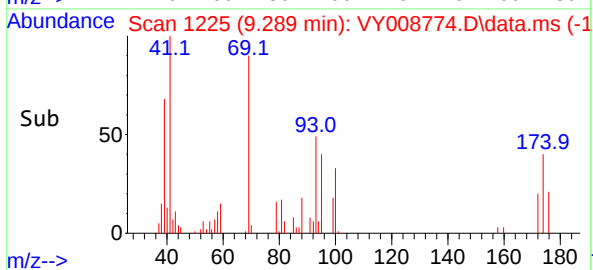
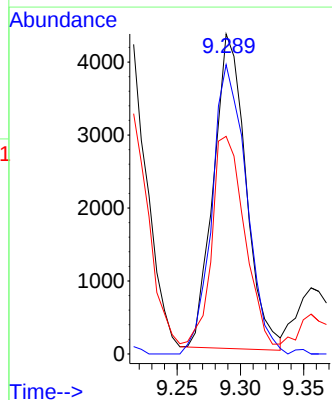
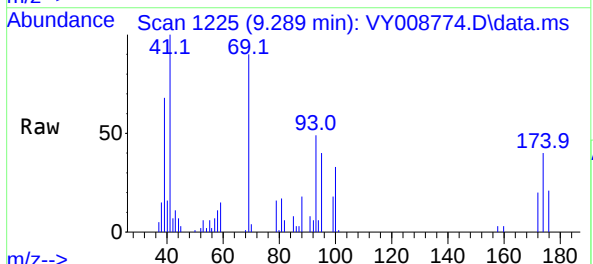
Manual Integrations
APPROVED

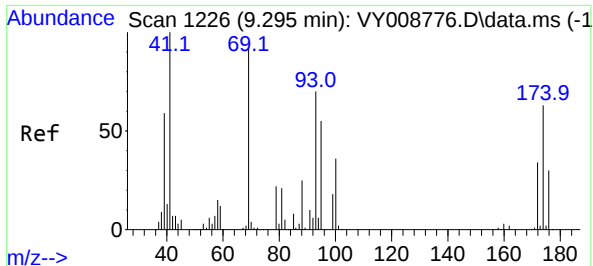
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 8.807 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 41 Resp: 7675
Ion Ratio Lower Upper
41 100
69 97.5 58.2 87.2#
39 67.6 47.4 71.0





#49

1,4-Dioxane

Concen: 211.593 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 2304

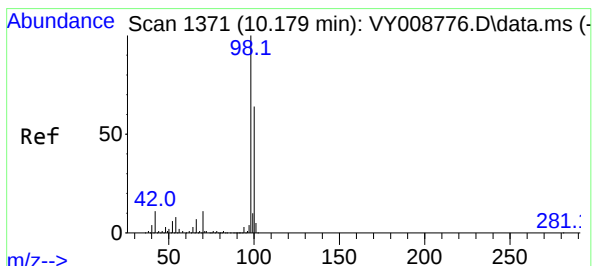
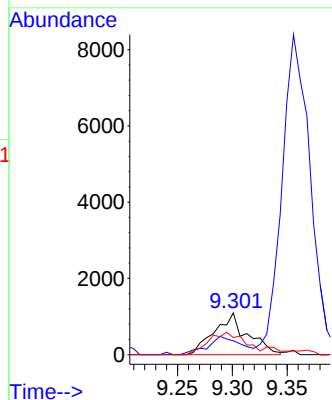
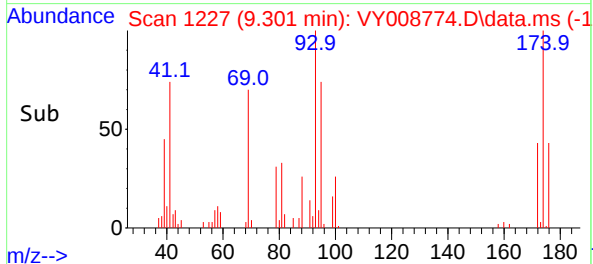
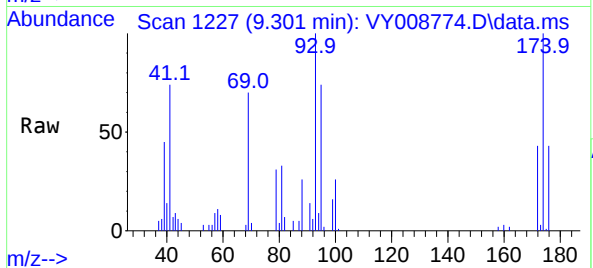
Ion	Ratio	Lower	Upper
88	100		
43	43.6	32.8	49.2
58	58.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#50

Toluene-d8

Concen: 7.729 ug/l

RT: 10.179 min Scan# 1371

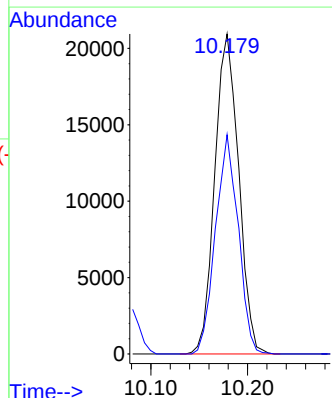
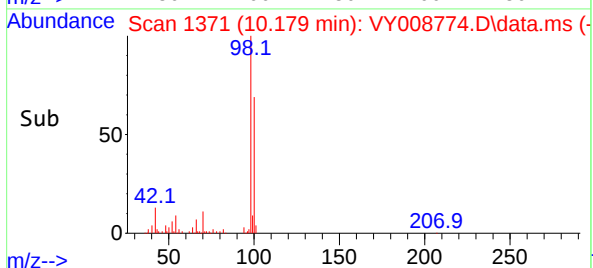
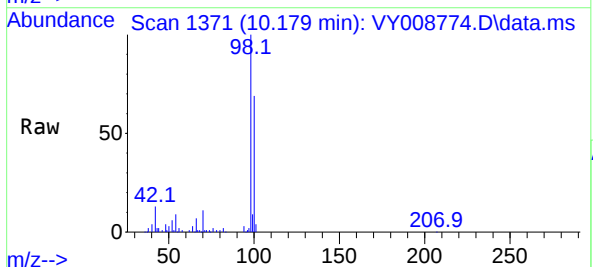
Delta R.T. 0.000 min

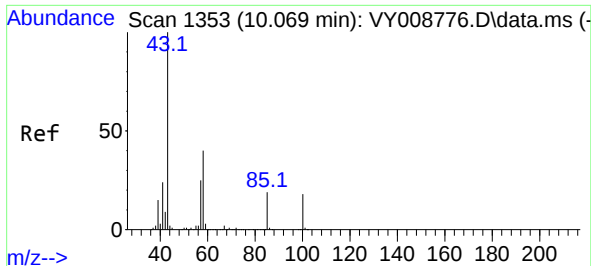
Lab File: VY008774.D

Acq: 17 May 2022 15:37

Tgt Ion: 98 Resp: 35879

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2





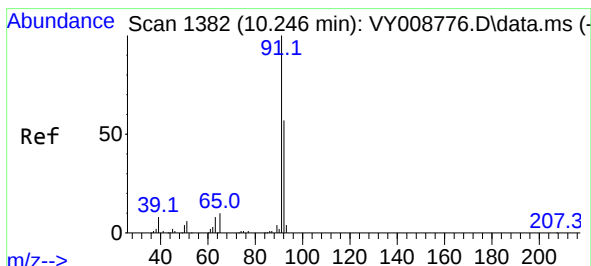
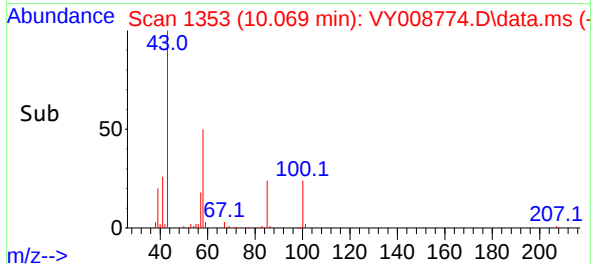
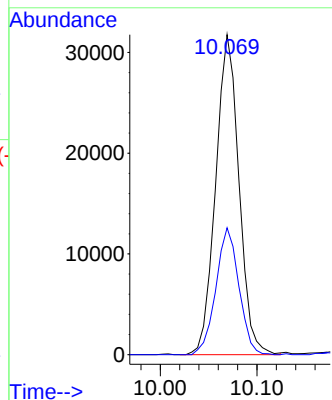
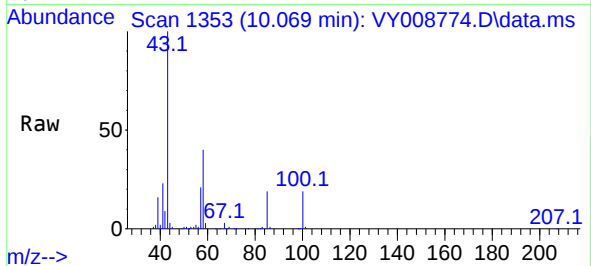
#51
4-Methyl-2-Pentanone
Concen: 51.703 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
58 39.1 28.1 42.1

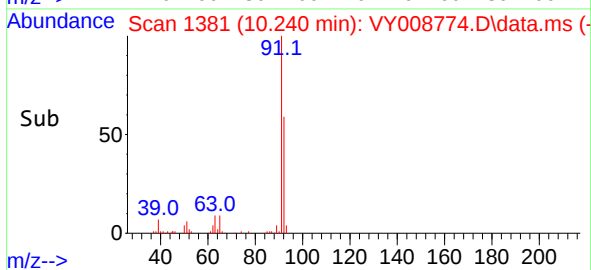
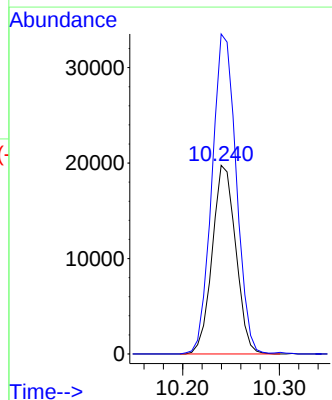
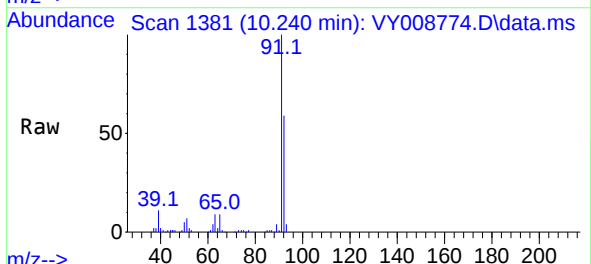
Manual Integrations
APPROVED

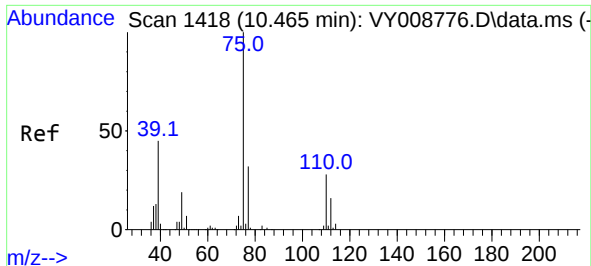
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
Toluene
Concen: 9.741 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 92 Resp: 33384
Ion Ratio Lower Upper
92 100
91 175.4 142.6 213.8





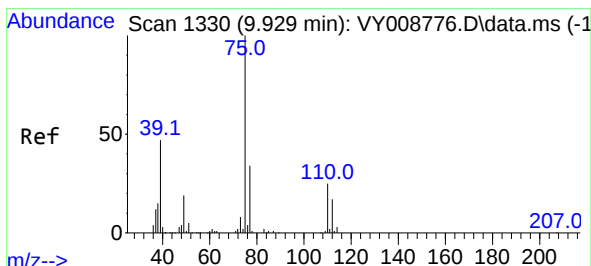
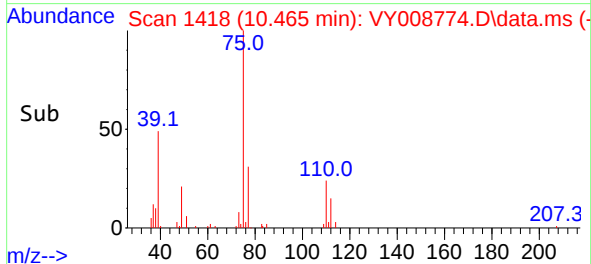
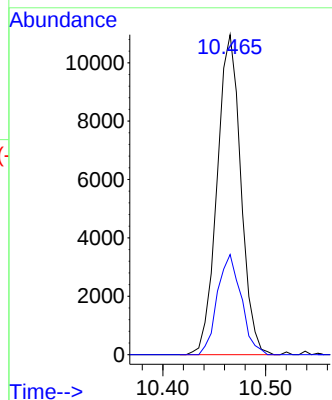
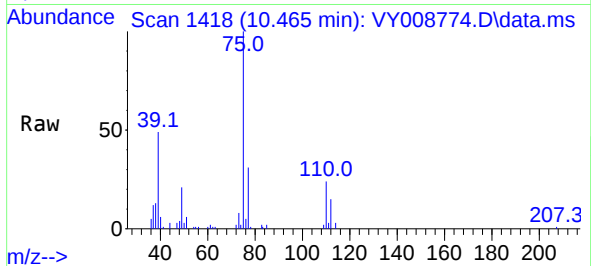
#53
t-1,3-Dichloropropene
Concen: 8.911 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 1758
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

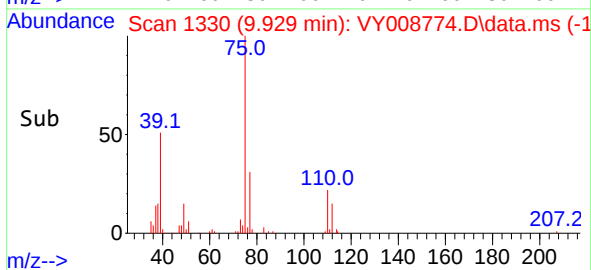
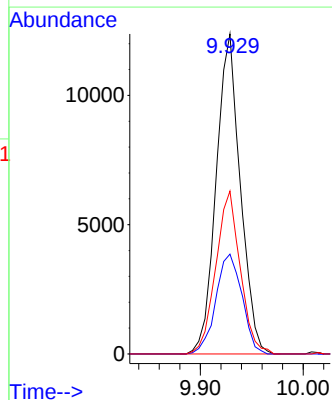
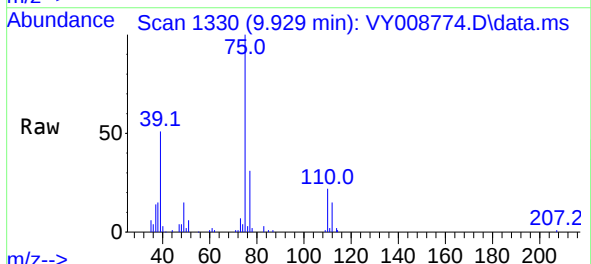
Manual Integrations
APPROVED

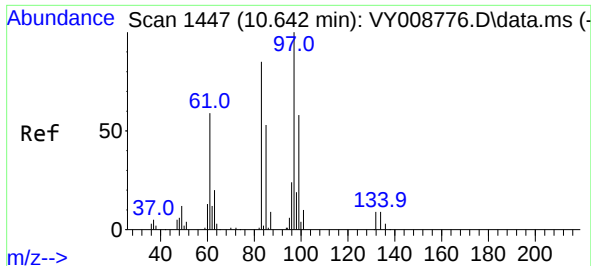
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 9.107 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 75 Resp: 20175
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 50.9 47.6 71.4





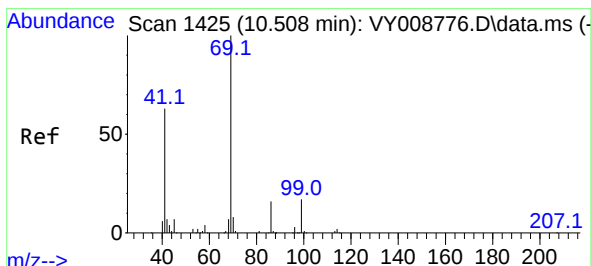
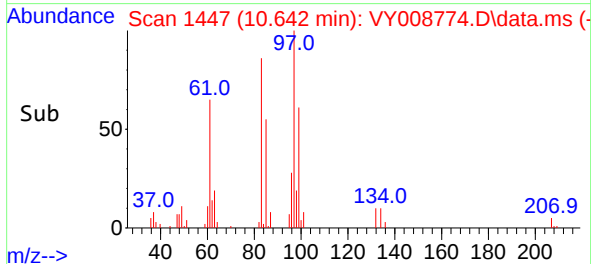
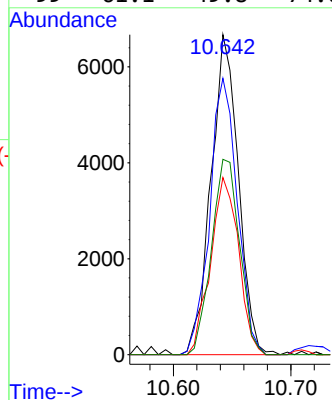
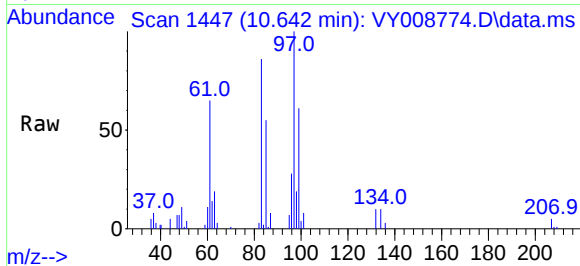
#55
1,1,2-Trichloroethane
Concen: 9.601 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.8
85	55.4	44.3	66.5
99	61.1	49.8	74.6

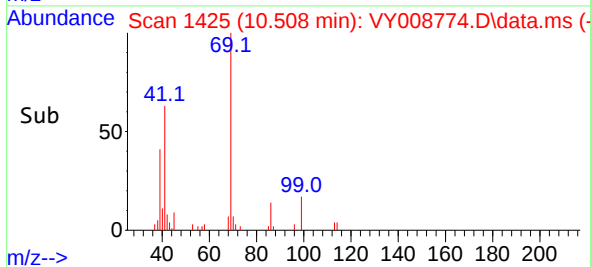
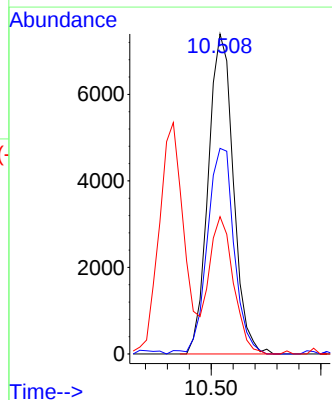
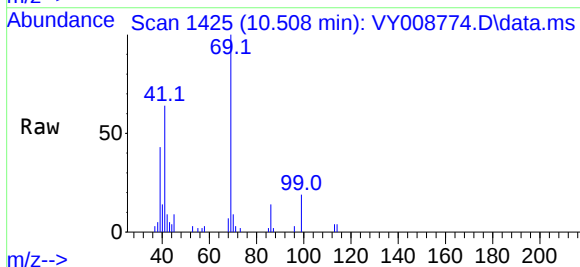
Manual Integrations
APPROVED

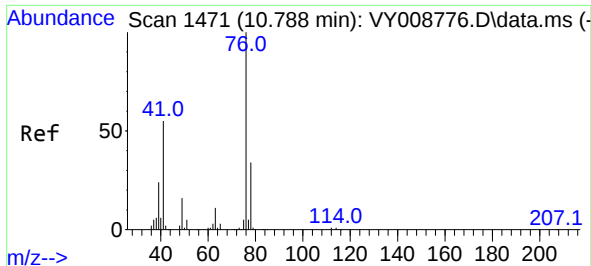
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Ethyl methacrylate
Concen: 7.740 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	63.4	95.0
39	41.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 9.736 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008774.D

Acq: 17 May 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 1850

Ion Ratio Lower Upper

76 100

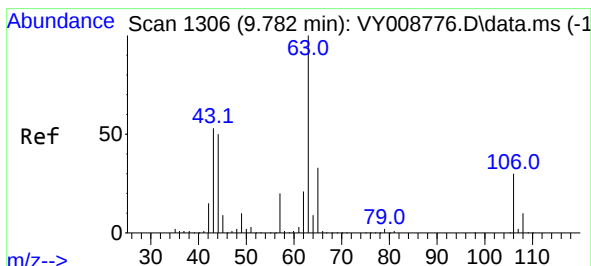
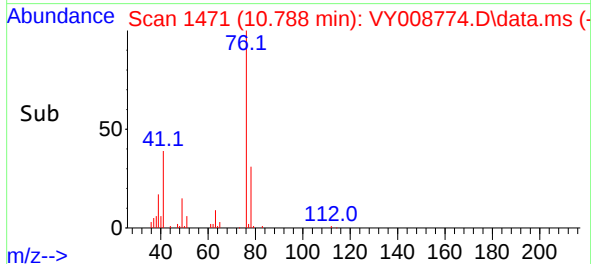
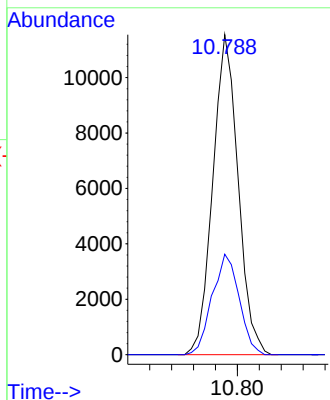
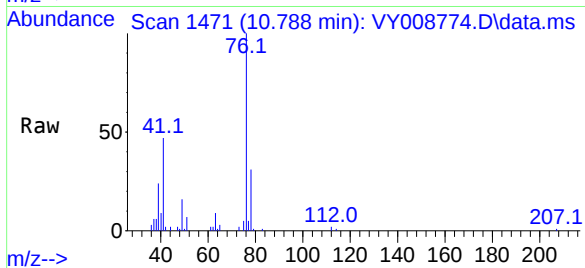
78 33.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 44.164 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008774.D

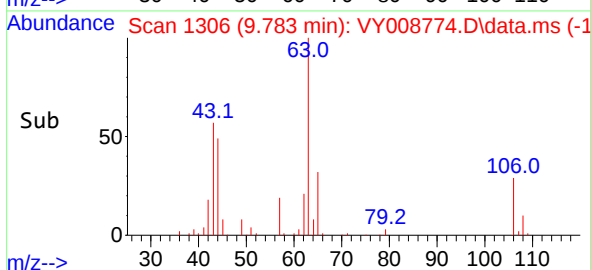
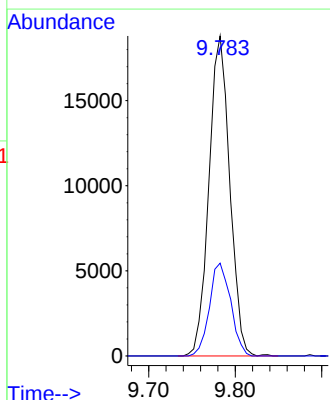
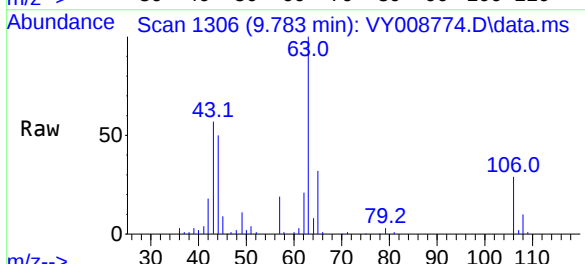
Acq: 17 May 2022 15:37

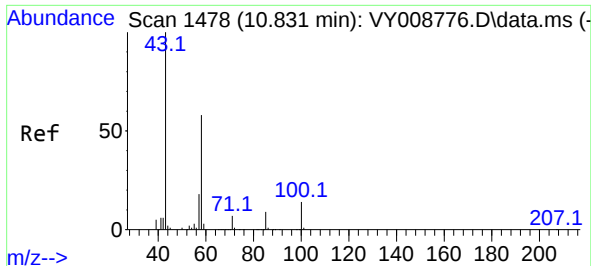
Tgt Ion: 63 Resp: 31391

Ion Ratio Lower Upper

63 100

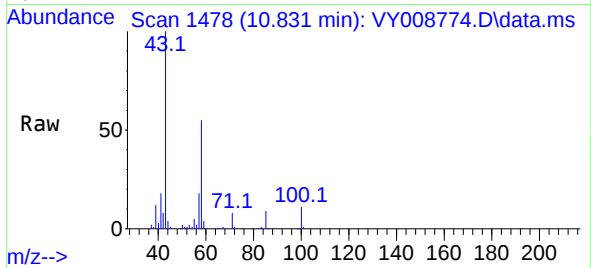
106 29.5 21.5 32.3





#59
2-Hexanone
Concen: 49.821 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

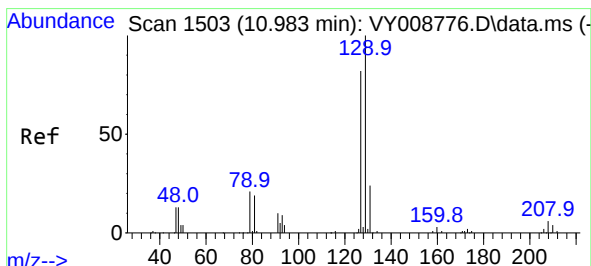
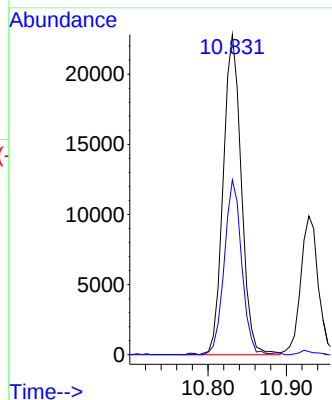
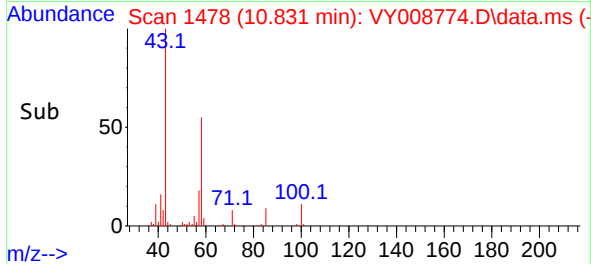
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



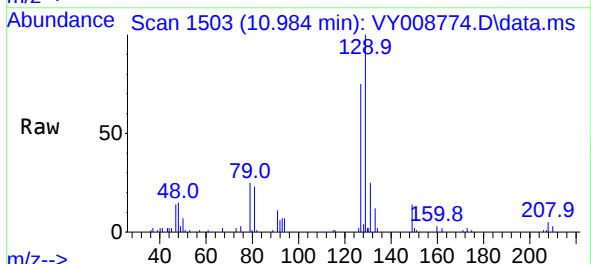
Tgt Ion: 43 Resp: 36678
Ion Ratio Lower Upper
43 100
58 52.4 24.4 73.4

Manual Integrations
APPROVED

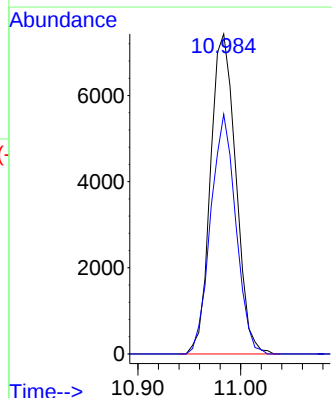
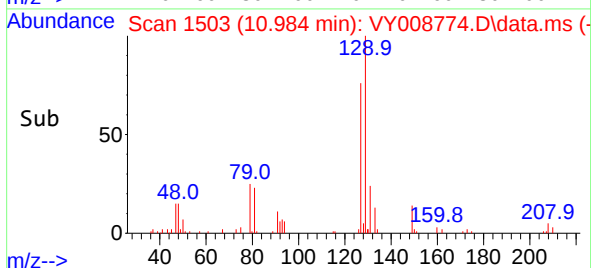
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

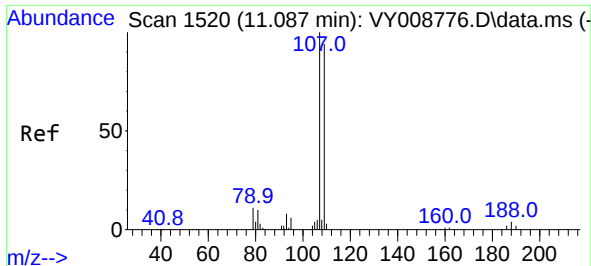


#60
Dibromochloromethane
Concen: 9.709 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



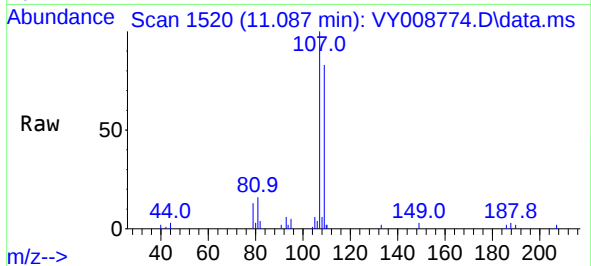
Tgt Ion:129 Resp: 12715
Ion Ratio Lower Upper
129 100
127 74.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 9.669 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

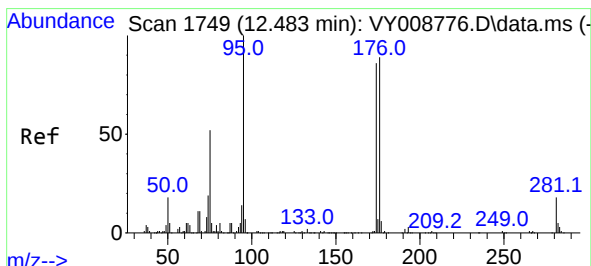
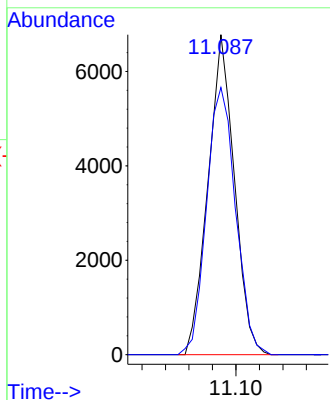
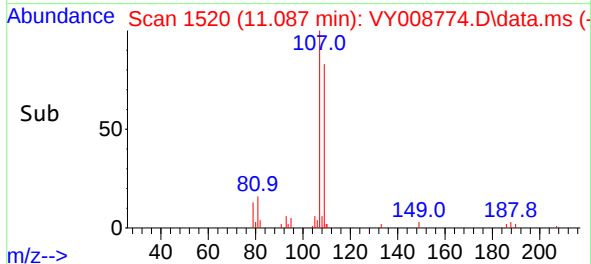
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



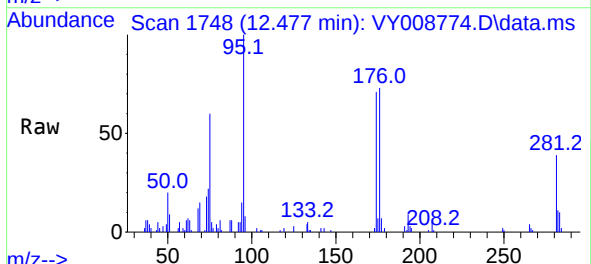
Tgt Ion:107 Resp: 1057
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2

Manual Integrations
APPROVED

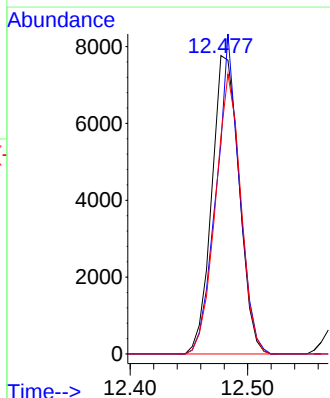
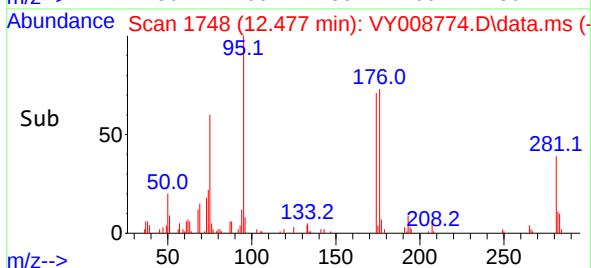
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

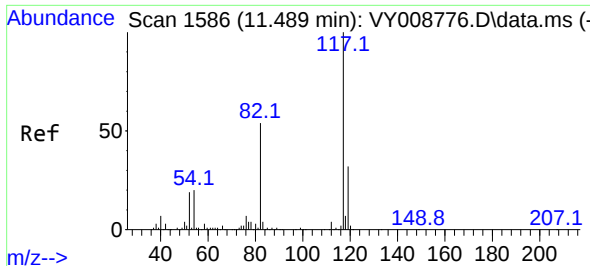


#62
4-Bromofluorobenzene
Concen: 7.644 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



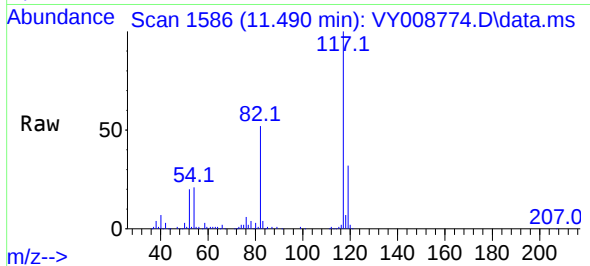
Tgt Ion: 95 Resp: 12591
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

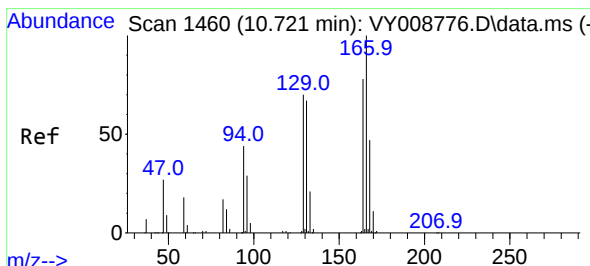
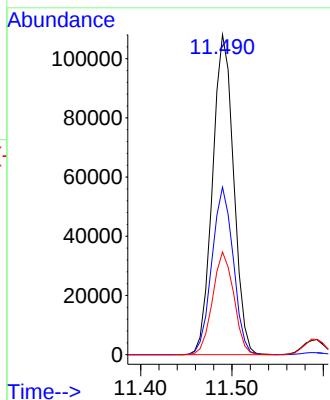
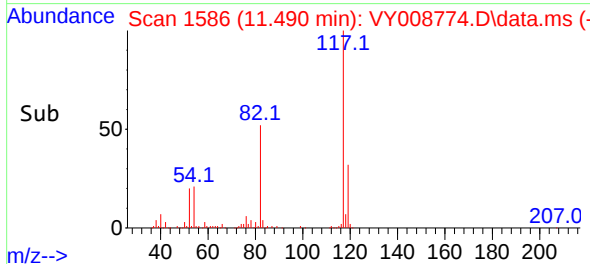
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



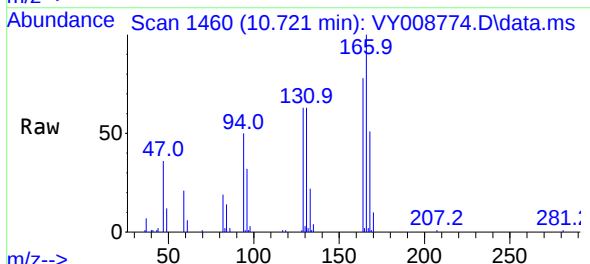
Tgt Ion:117 Resp: 17372
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

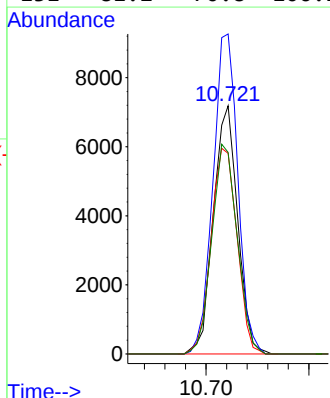
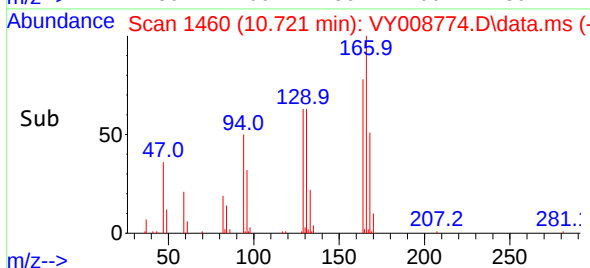
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

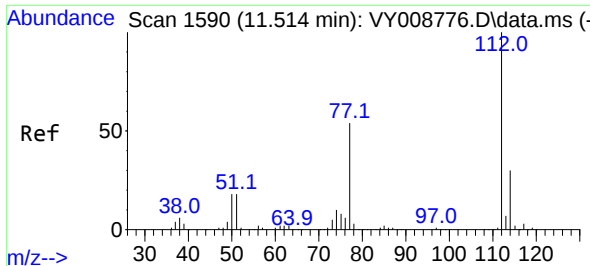


#64
Tetrachloroethene
Concen: 10.216 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



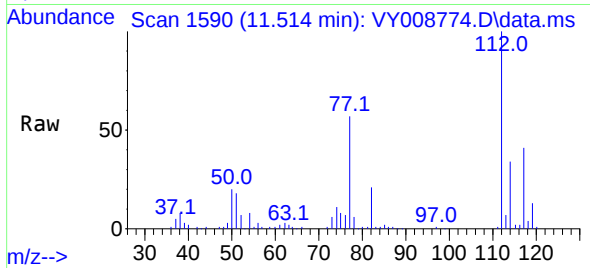
Tgt Ion:164 Resp: 11838
Ion Ratio Lower Upper
164 100
166 128.9 100.4 150.6
129 80.9 71.4 107.0
131 81.2 70.8 106.2





#65
Chlorobenzene
Concen: 10.042 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

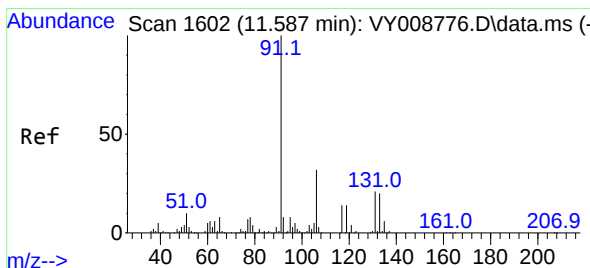
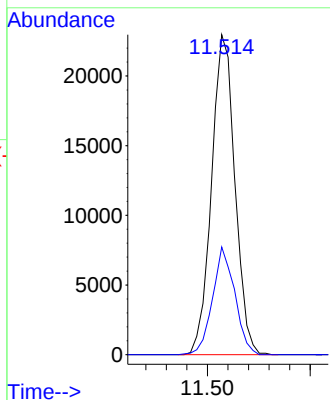
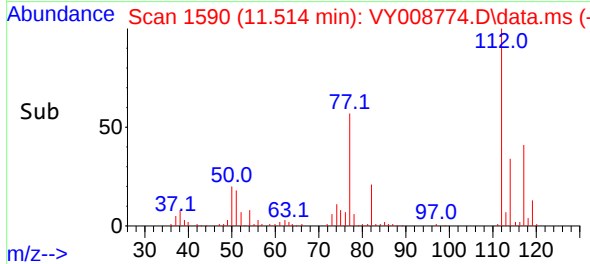
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



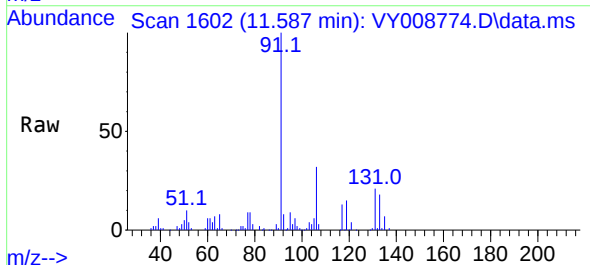
Tgt Ion:112 Resp: 36199
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6

Manual Integrations
APPROVED

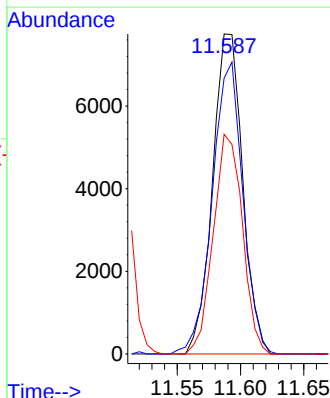
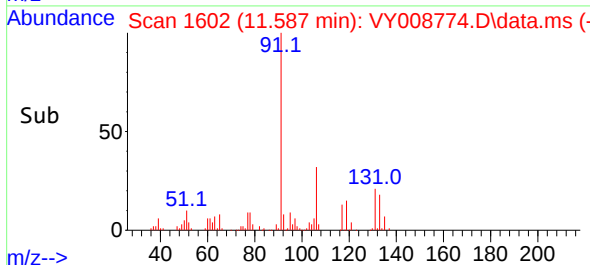
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

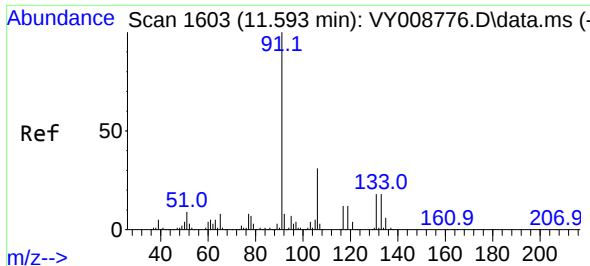


#66
1,1,1,2-Tetrachloroethane
Concen: 9.793 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



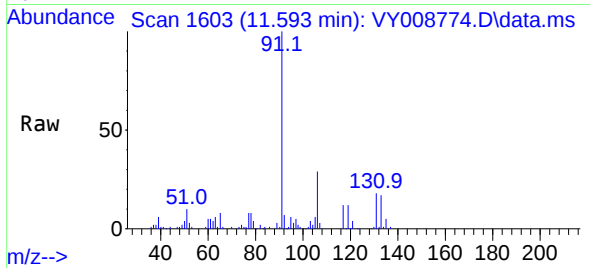
Tgt Ion:131 Resp: 12797
Ion Ratio Lower Upper
131 100
133 92.8 47.9 143.6
119 66.6 30.8 92.3





#67
Ethyl Benzene
Concen: 9.531 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

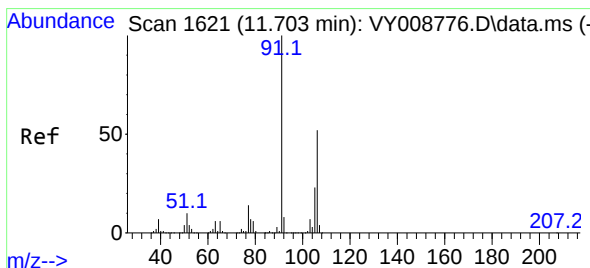
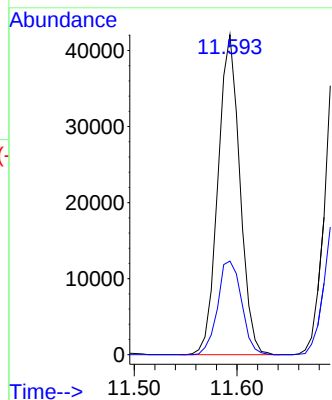
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 6212
Ion Ratio Lower Upper
91 100
106 29.3 24.5 36.7

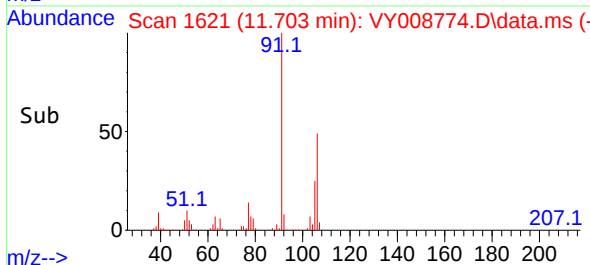
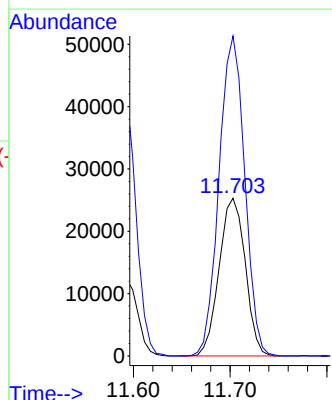
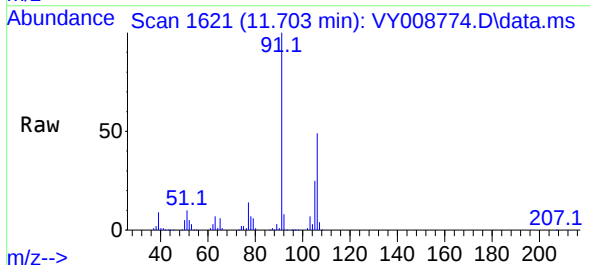
Manual Integrations
APPROVED

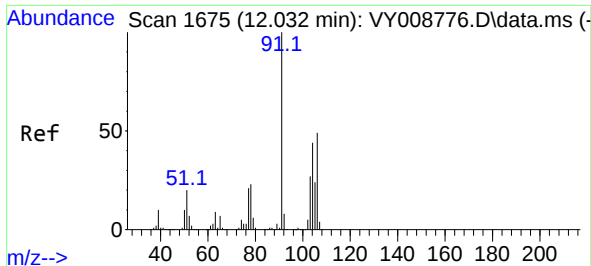
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
m/p-Xylenes
Concen: 18.824 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:106 Resp: 47458
Ion Ratio Lower Upper
106 100
91 199.1 166.6 249.8





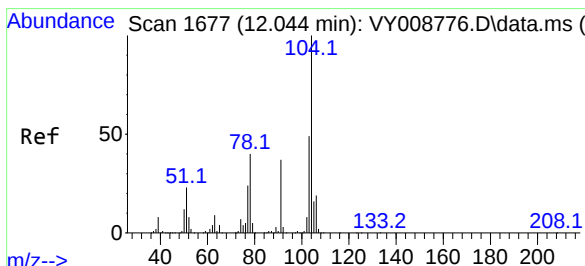
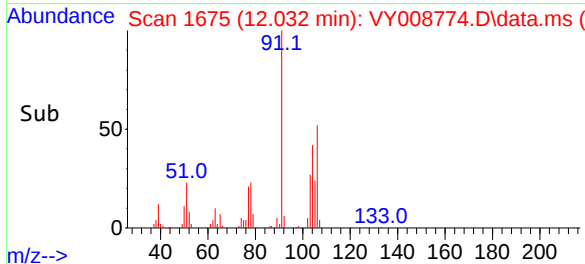
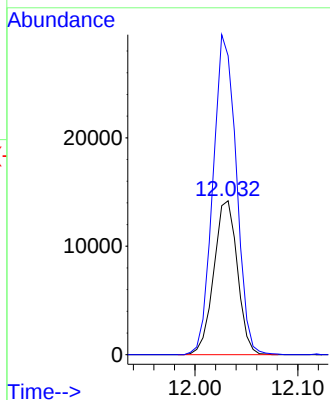
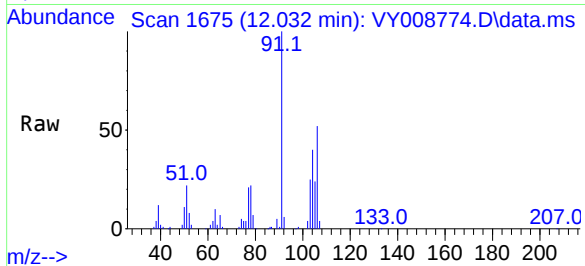
#69
o-Xylene
Concen: 9.376 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 22580
Ion Ratio Lower Upper
106 100
91 205.7 110.3 331.0

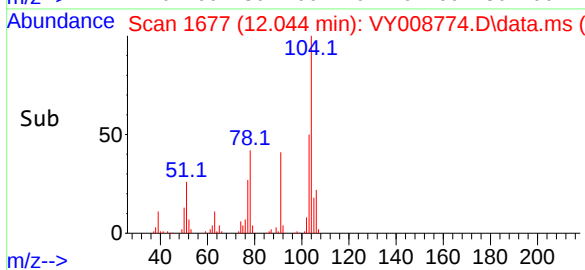
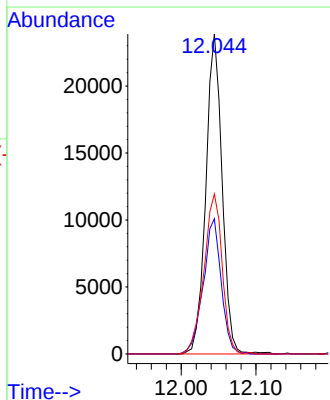
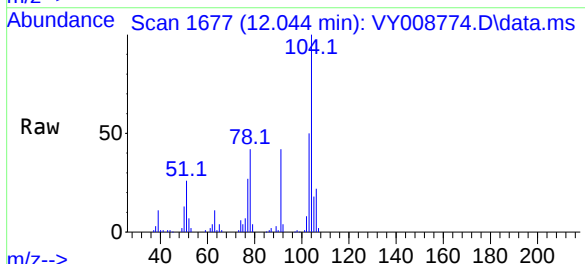
Manual Integrations
APPROVED

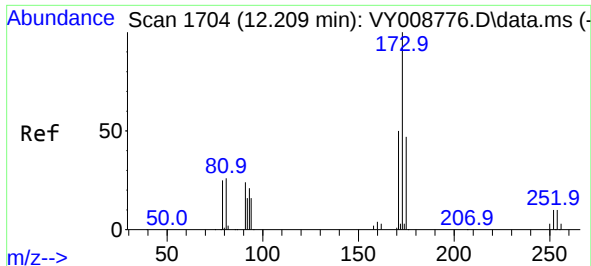
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 9.019 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

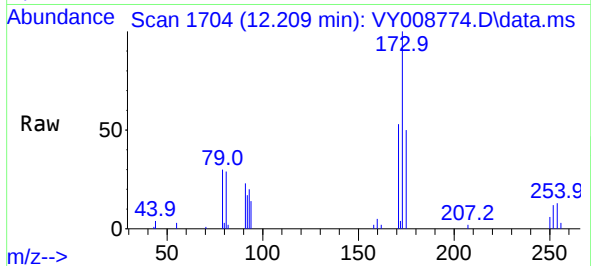
Tgt Ion:104 Resp: 36093
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 56.3 44.4 66.6





#71
Bromoform
Concen: 10.161 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

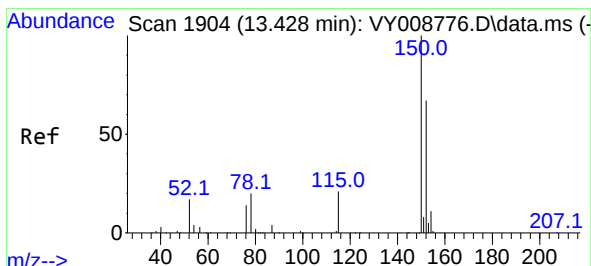
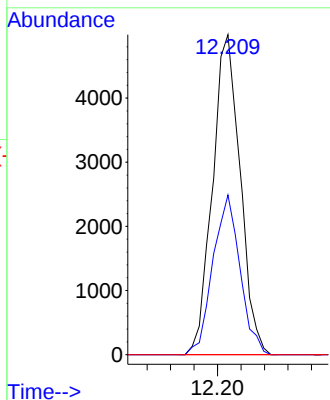
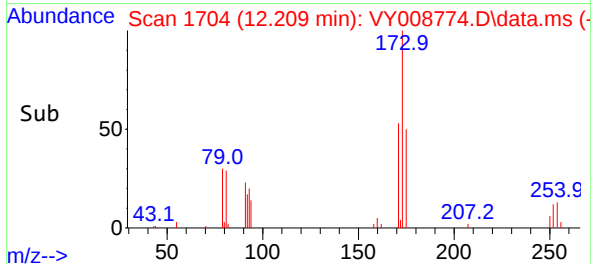
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



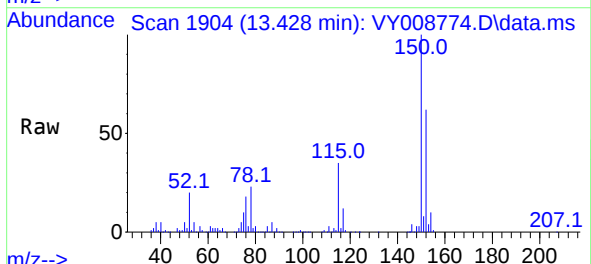
Tgt Ion:173 Resp: 8152
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

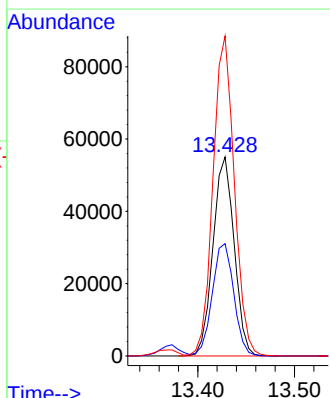
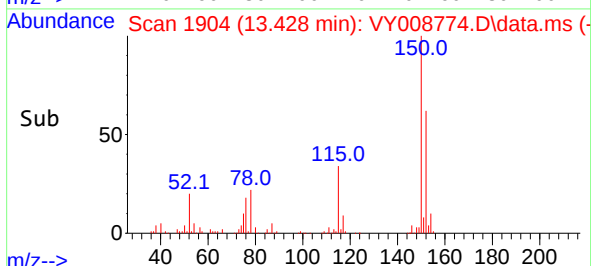
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

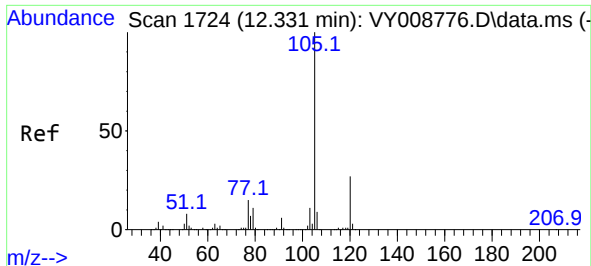


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



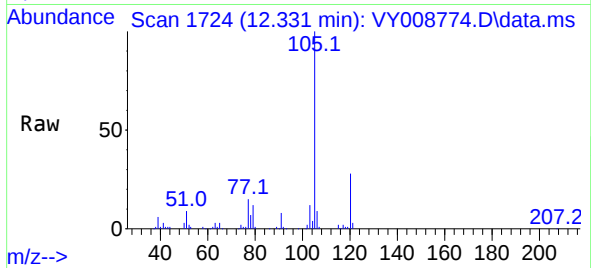
Tgt Ion:152 Resp: 83729
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 161.5 0.0 347.6





#73
Isopropylbenzene
Concen: 9.110 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

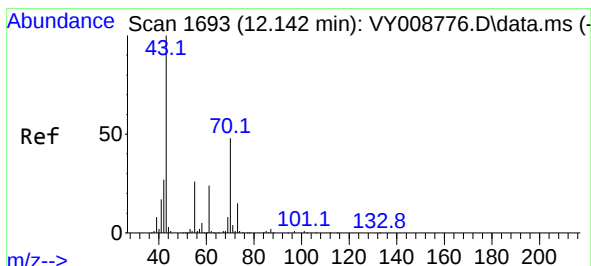
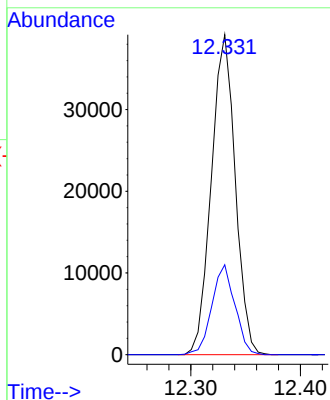
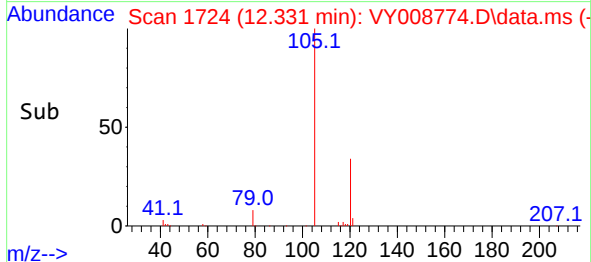
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 105 Resp: 59480
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

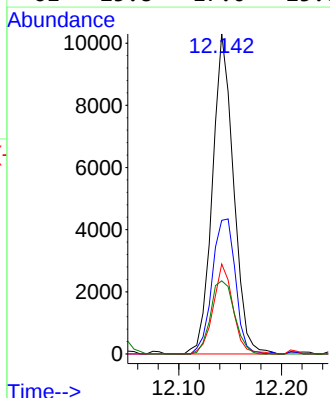
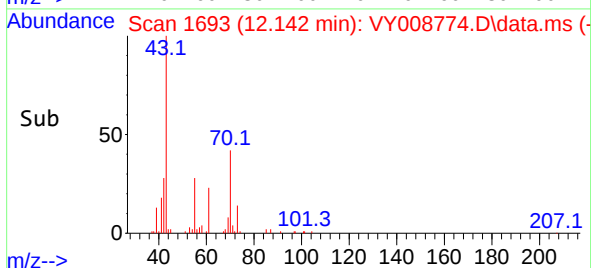
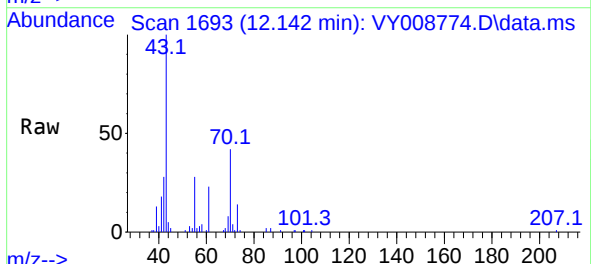
Manual Integrations
APPROVED

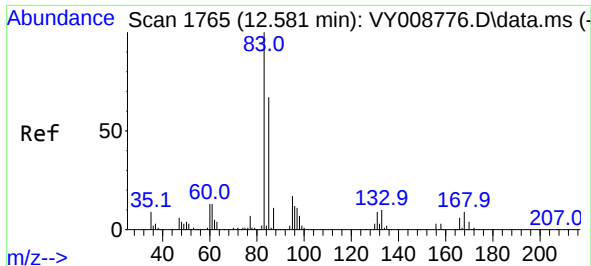
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 8.336 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

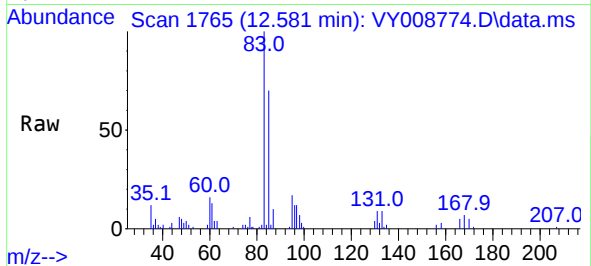
Tgt Ion: 43 Resp: 14700
Ion Ratio Lower Upper
43 100
70 46.4 28.7 43.1#
55 26.2 17.3 25.9#
61 25.8 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 10.653 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

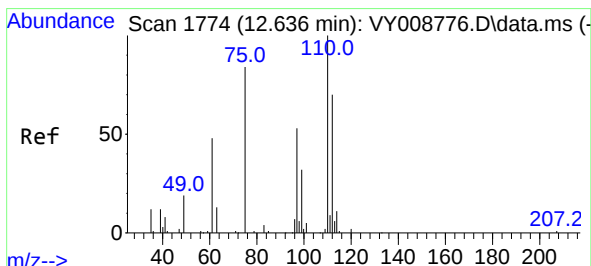
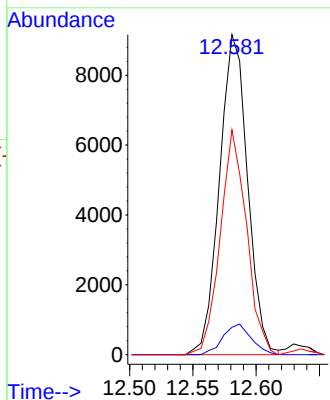
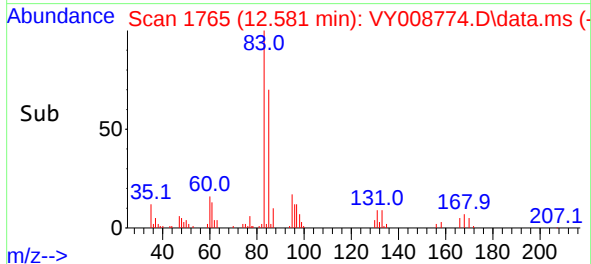
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



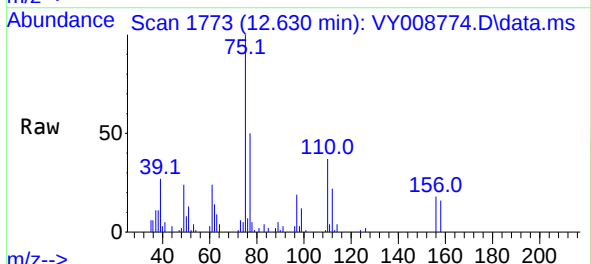
Tgt Ion: 83 Resp: 1417
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 65.7 32.3 96.8

Manual Integrations
APPROVED

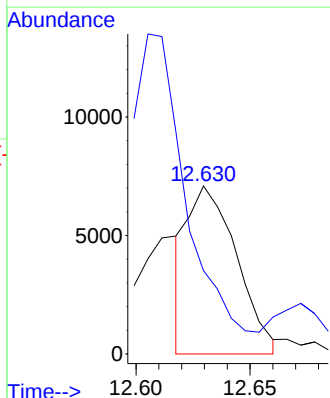
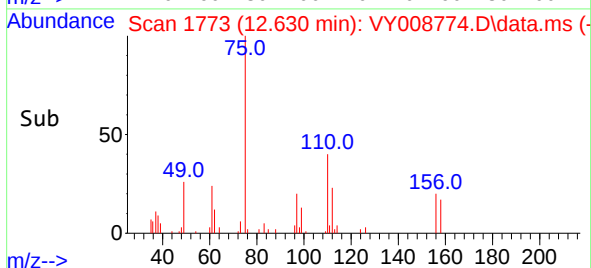
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

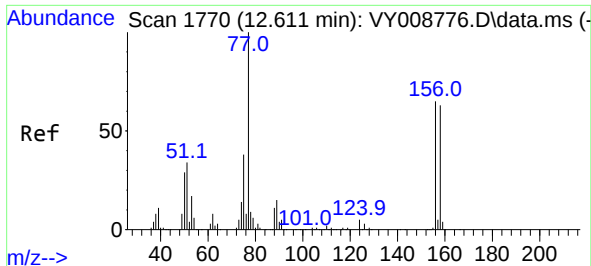


#76
1,2,3-Trichloropropane
Concen: 10.820 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion: 75 Resp: 10614
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





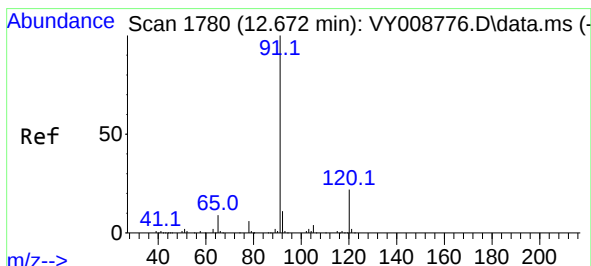
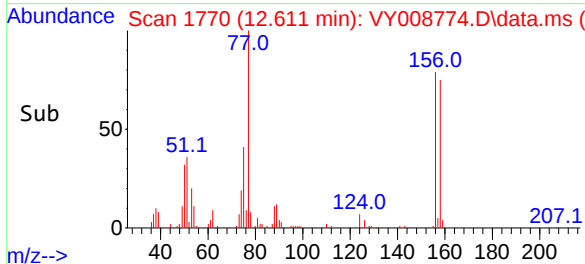
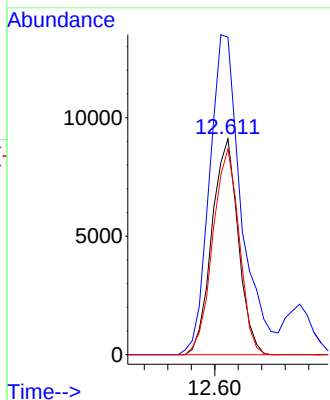
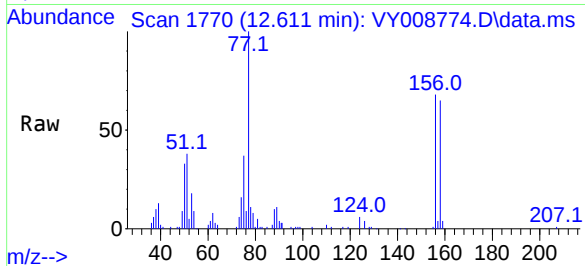
#77
Bromobenzene
Concen: 9.955 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 156 Resp: 14220
Ion Ratio Lower Upper
156 100
77 179.4 95.5 286.4
158 95.5 48.0 144.0

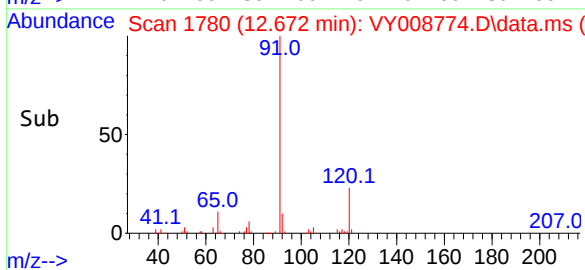
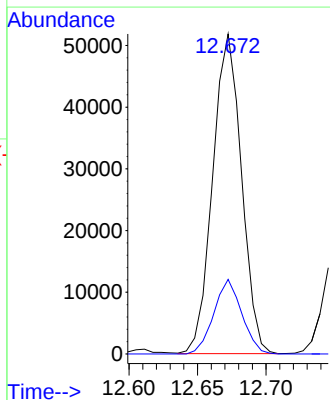
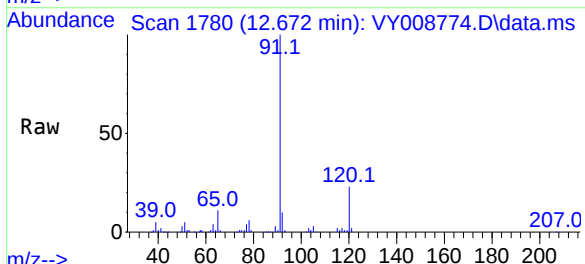
Manual Integrations
APPROVED

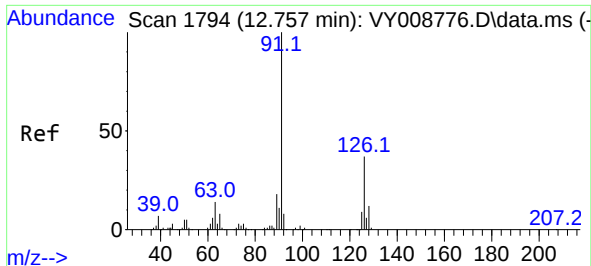
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
n-propylbenzene
Concen: 9.602 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion: 91 Resp: 75662
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





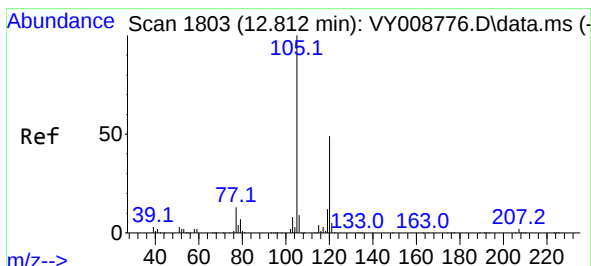
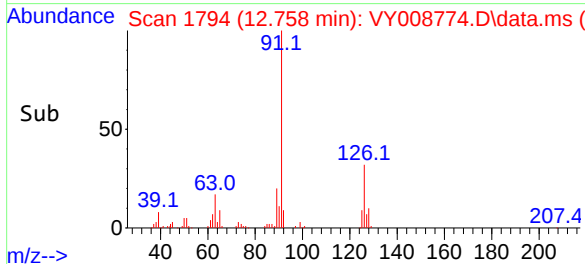
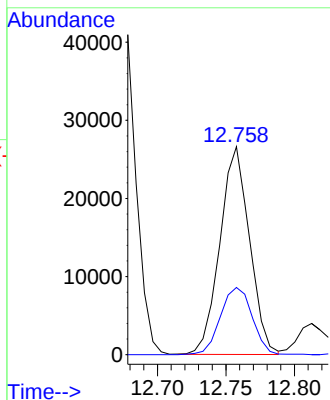
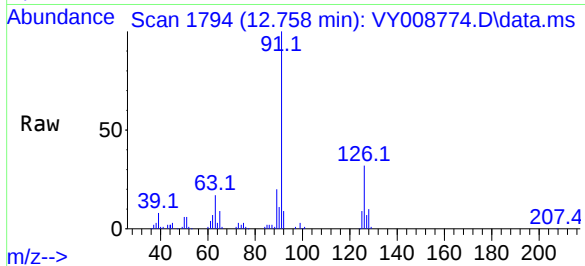
#79
2-Chlorotoluene
Concen: 9.112 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 4005
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.6

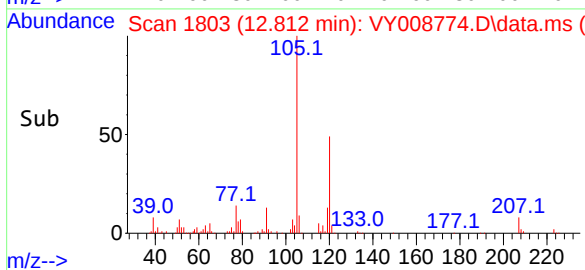
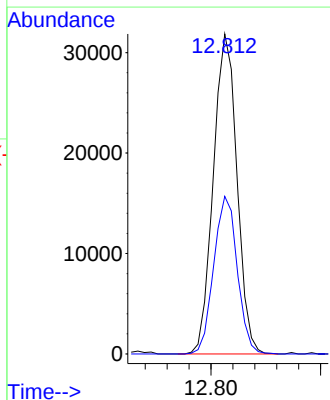
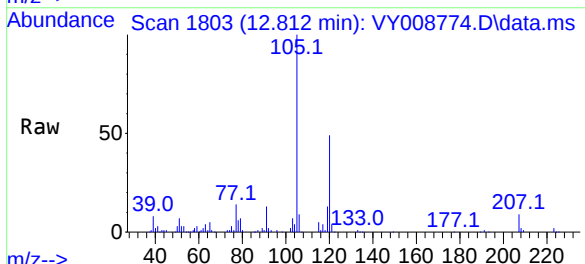
Manual Integrations
APPROVED

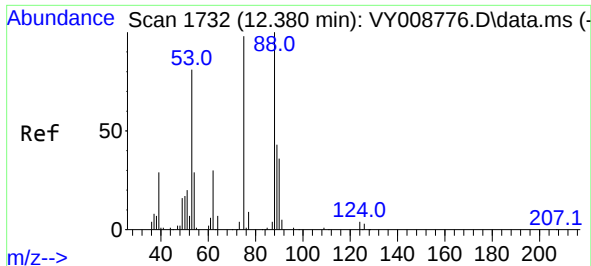
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 8.927 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

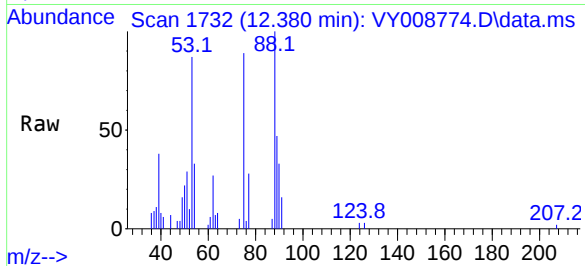
Tgt Ion:105 Resp: 47758
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 8.886 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

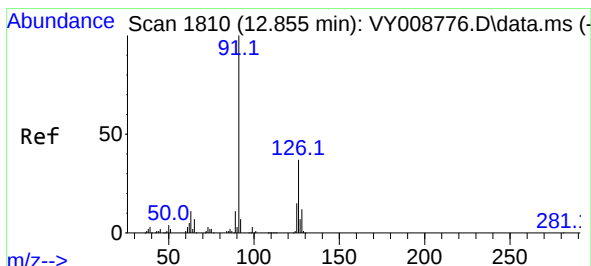
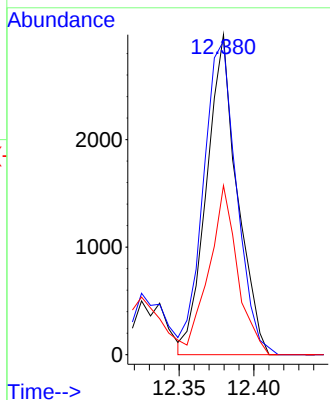
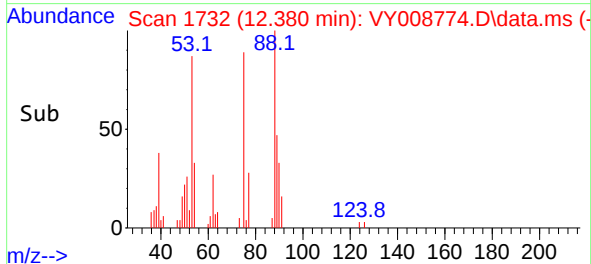
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



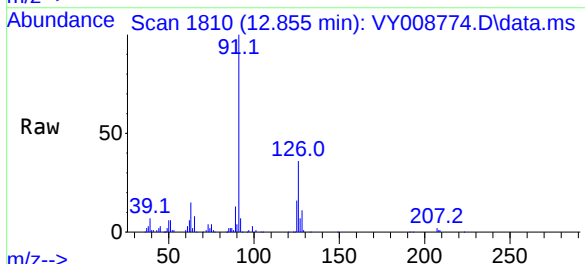
Tgt Ion: 75 Resp: 423
Ion Ratio Lower Upper
75 100
53 105.9 85.3 127.9
89 48.6 37.0 55.4

Manual Integrations
APPROVED

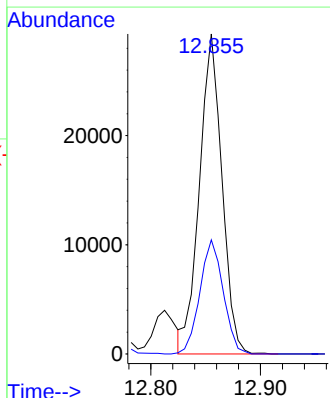
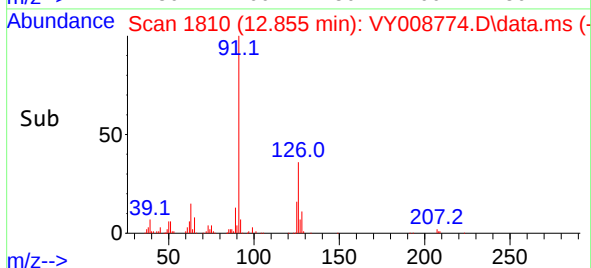
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

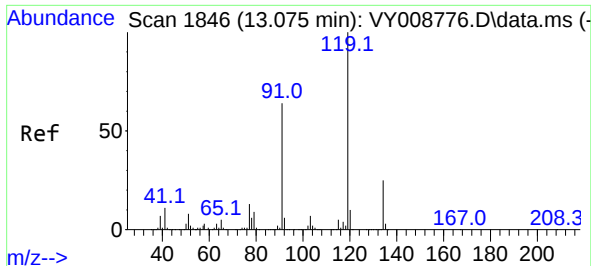


#82
4-Chlorotoluene
Concen: 9.220 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion: 91 Resp: 41769
Ion Ratio Lower Upper
91 100
126 37.0 17.0 51.0





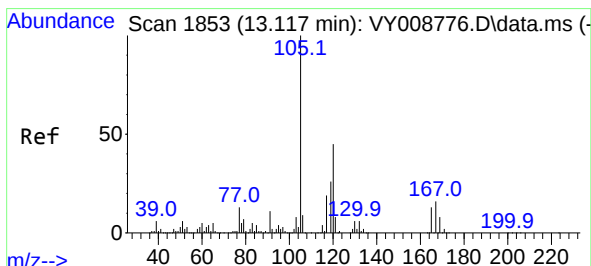
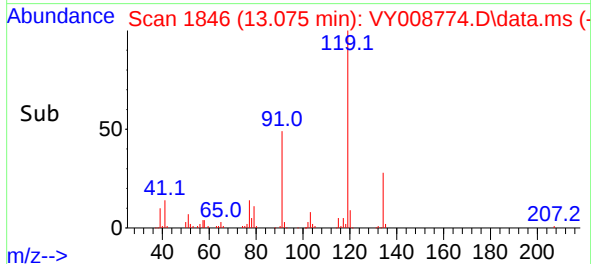
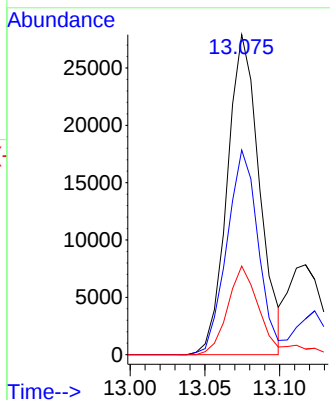
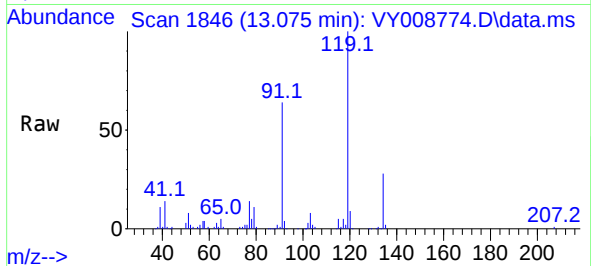
#83
tert-Butylbenzene
Concen: 8.783 ug/l
RT: 13.075 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 4194
Ion Ratio Lower Upper
119 100
91 62.0 34.8 104.4
134 28.5 13.3 39.9

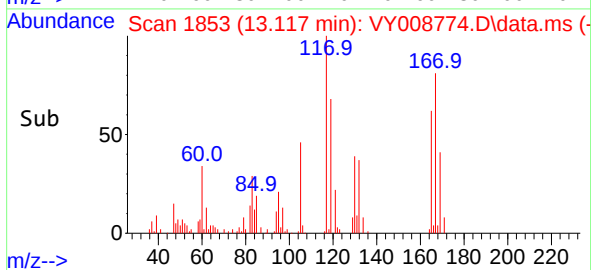
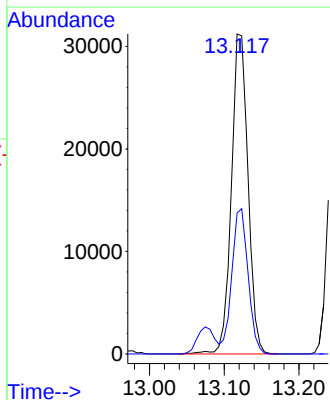
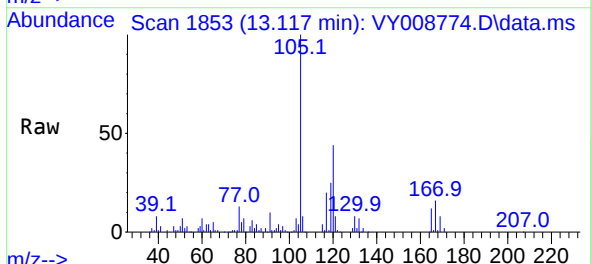
Manual Integrations
APPROVED

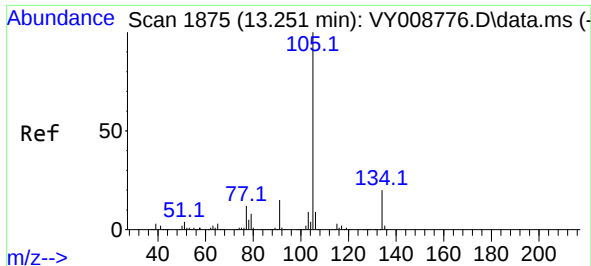
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.054 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:105 Resp: 48221
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





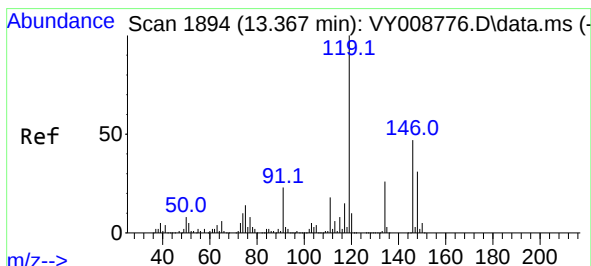
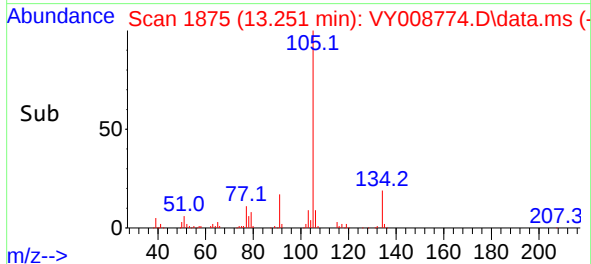
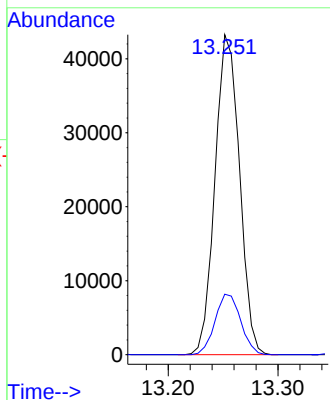
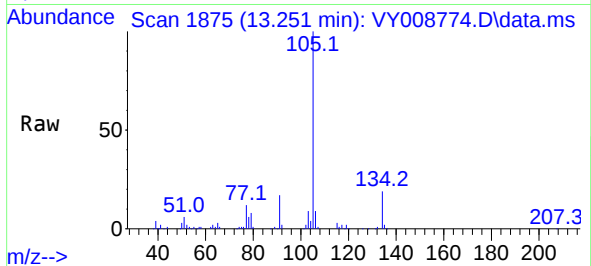
#85
 sec-Butylbenzene
 Concen: 9.404 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008774.D
 Acq: 17 May 2022 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 6711
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

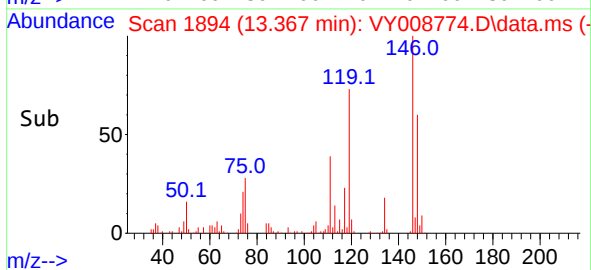
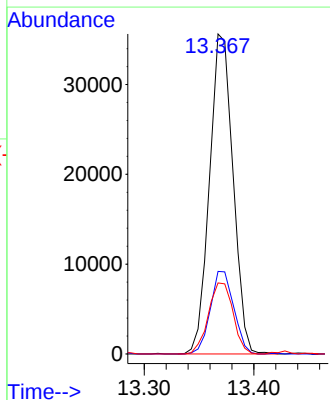
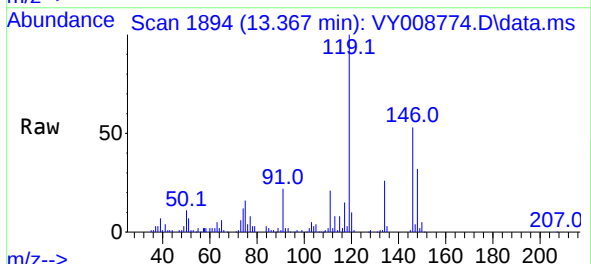
Manual Integrations
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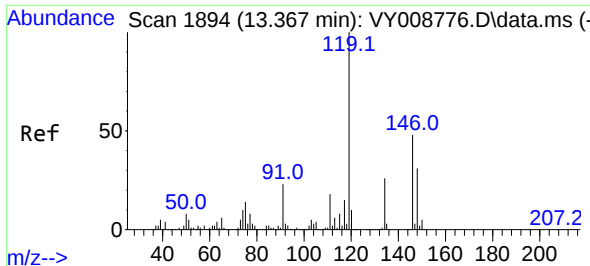
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#86
 p-Isopropyltoluene
 Concen: 9.164 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008774.D
 Acq: 17 May 2022 15:37

Tgt Ion:119 Resp: 53231
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 23.2 12.4 37.2





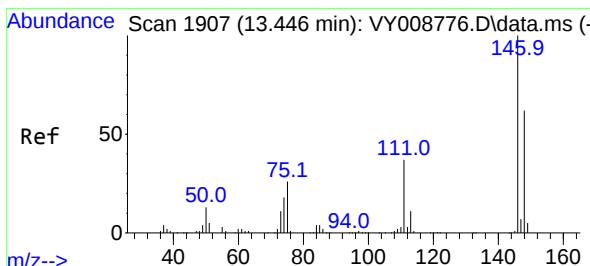
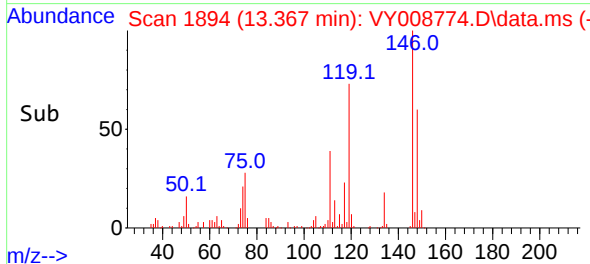
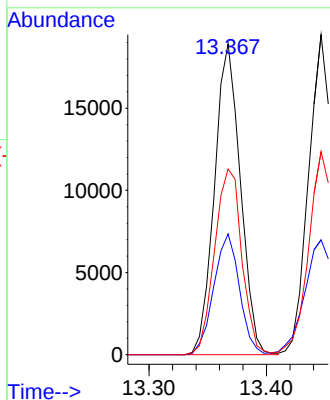
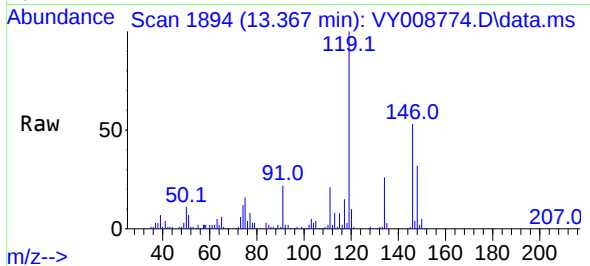
#87
1,3-Dichlorobenzene
Concen: 10.103 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 2902
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 62.6 31.6 95.0

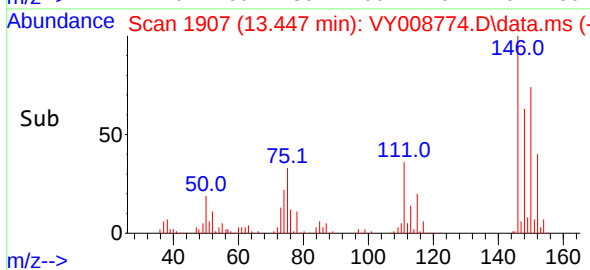
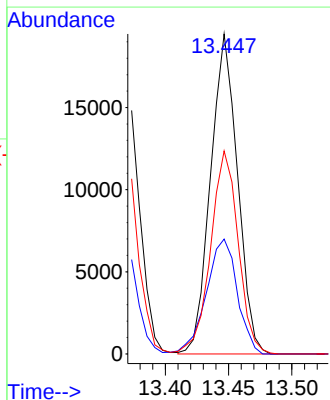
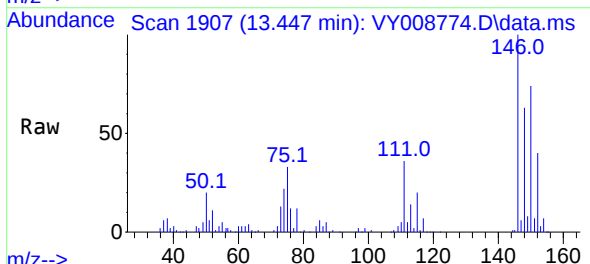
Manual Integrations
APPROVED

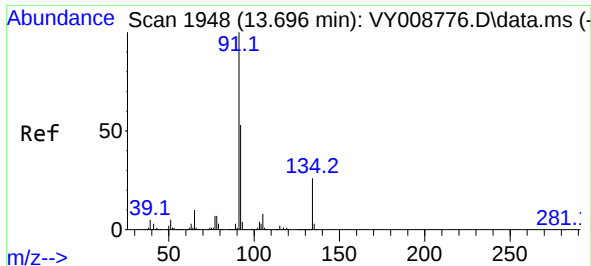
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,4-Dichlorobenzene
Concen: 10.018 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:146 Resp: 28836
Ion Ratio Lower Upper
146 100
111 41.4 19.3 57.8
148 65.1 32.6 97.8





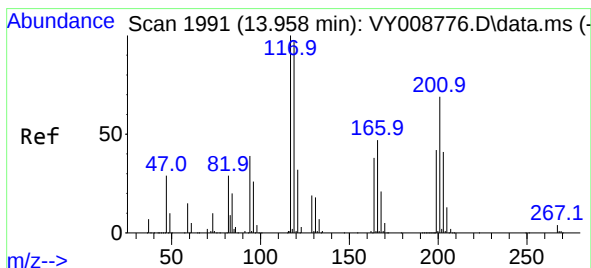
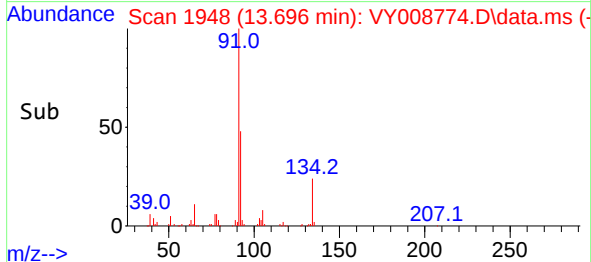
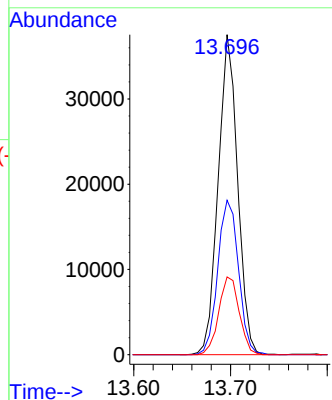
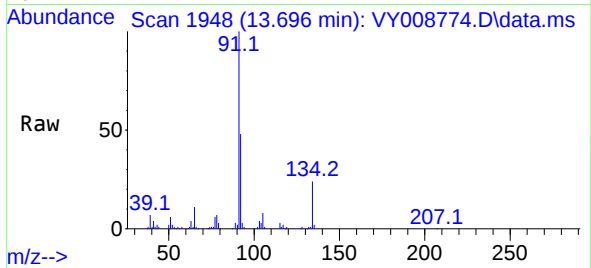
#89
n-Butylbenzene
Concen: 9.381 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 5235
Ion Ratio Lower Upper
91 100
92 51.5 26.3 78.9
134 25.6 13.0 38.9

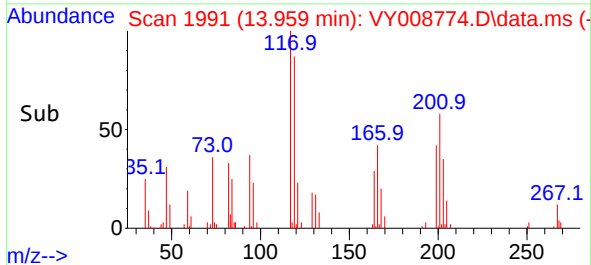
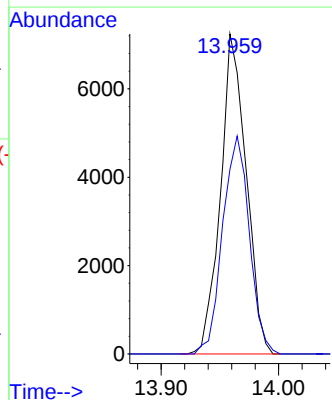
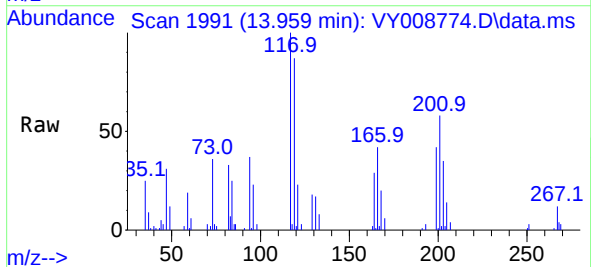
Manual Integrations
APPROVED

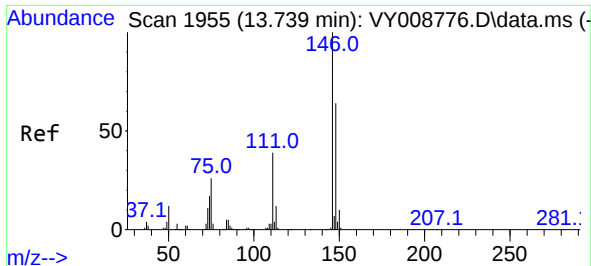
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 9.677 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Tgt Ion:117 Resp: 11024
Ion Ratio Lower Upper
117 100
201 70.7 43.0 128.8





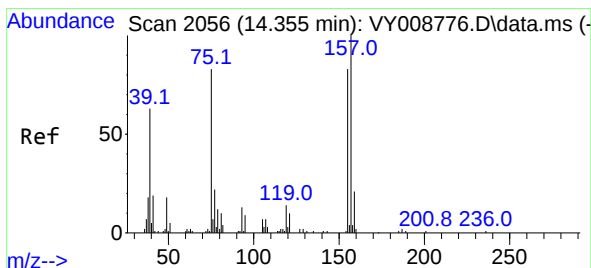
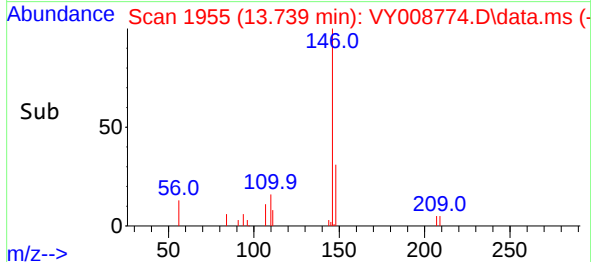
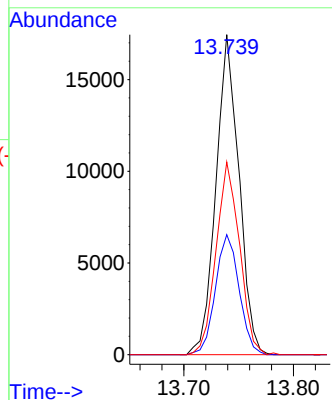
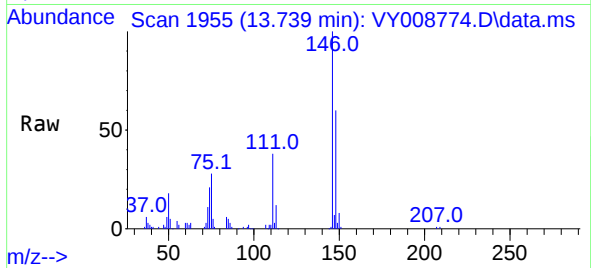
#91
1,2-Dichlorobenzene
Concen: 9.896 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 2545
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 61.6 32.3 96.9

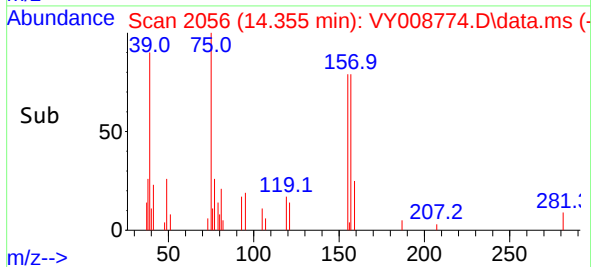
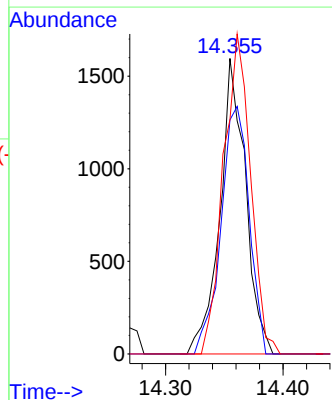
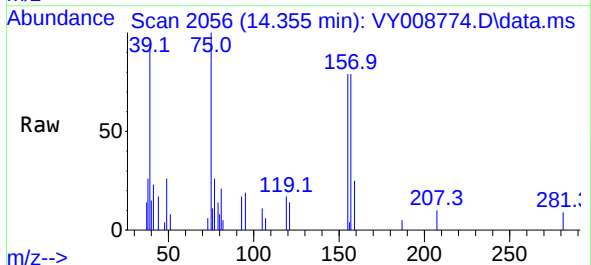
Manual Integrations
APPROVED

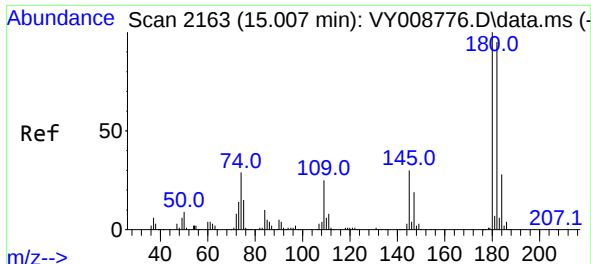
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.157 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

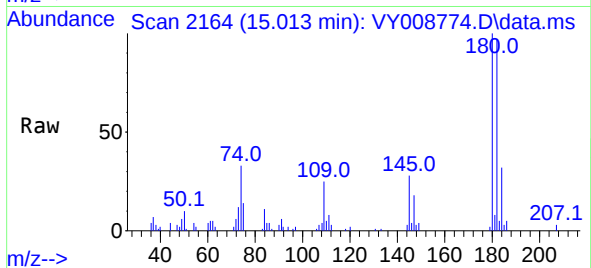
Tgt Ion: 75 Resp: 2420
Ion Ratio Lower Upper
75 100
155 92.1 38.0 113.9
157 114.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 9.350 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

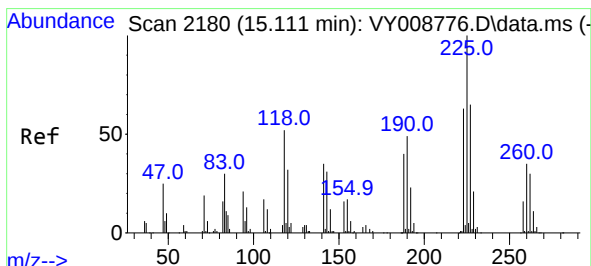
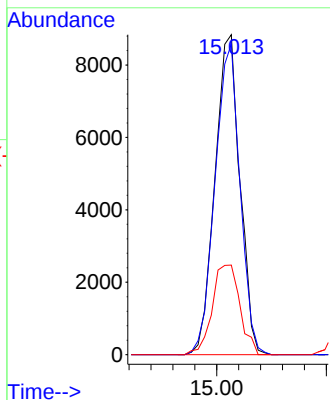
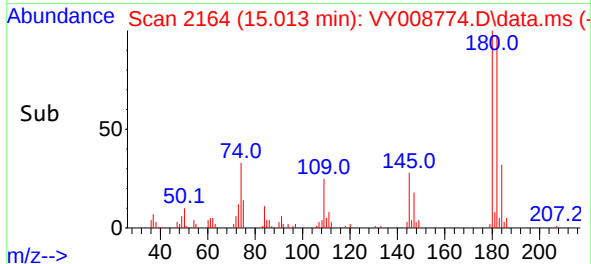
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



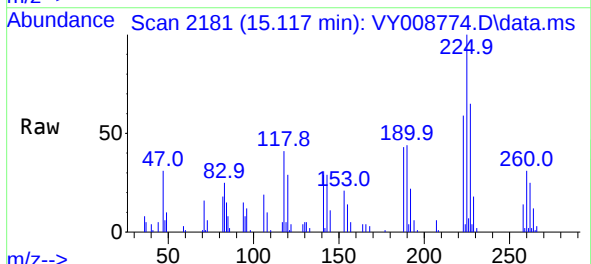
Tgt Ion:180 Resp: 13970
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.9
145 31.1 14.6 43.8

Manual Integrations
APPROVED

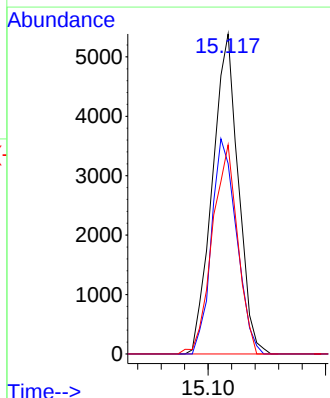
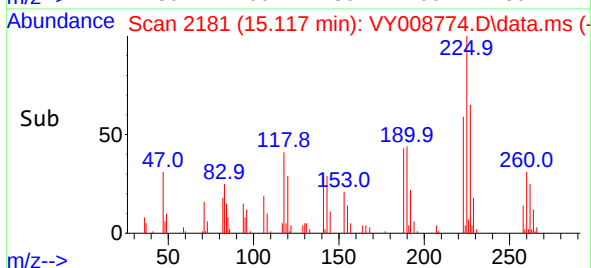
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

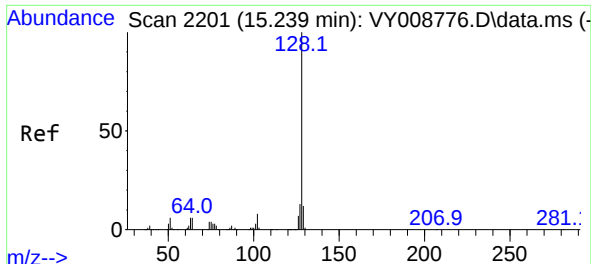


#94
Hexachlorobutadiene
Concen: 10.569 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



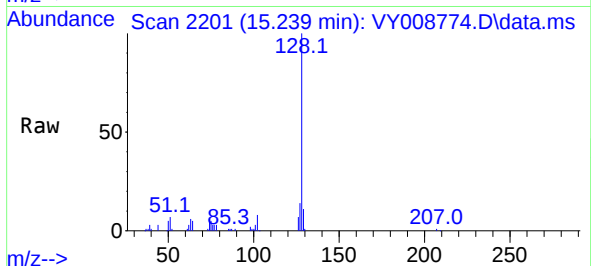
Tgt Ion:225 Resp: 8242
Ion Ratio Lower Upper
225 100
223 65.2 30.8 92.3
227 64.0 31.6 94.7





#95
Naphthalene
Concen: 7.326 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37

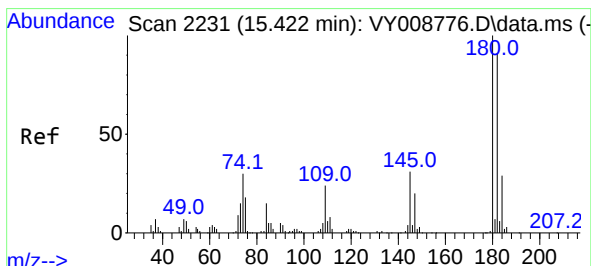
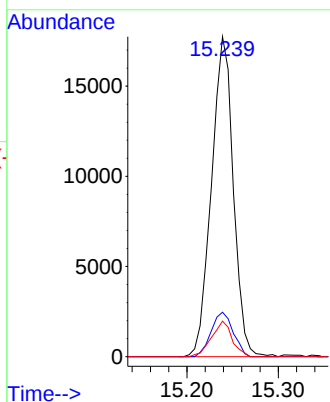
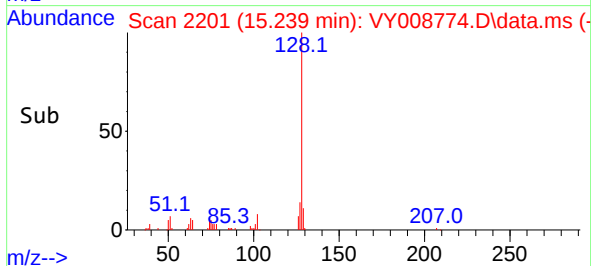
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



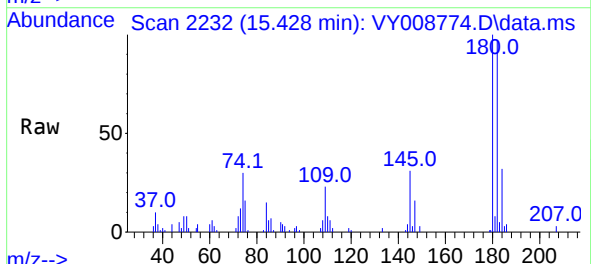
Tgt Ion:128 Resp: 29448
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 10.5 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 9.398 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008774.D
Acq: 17 May 2022 15:37



Tgt Ion:180 Resp: 12321
Ion Ratio Lower Upper
180 100
182 97.7 47.3 141.9
145 31.5 15.3 45.9

