

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008302.D
 Acq On : 13 Apr 2022 09:53
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 05:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56454	44.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.660%		
35) Dibromofluoromethane	7.716	113	56994	42.671	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.340%		
50) Toluene-d8	10.179	98	195685	42.816	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.640%		
62) 4-Bromofluorobenzene	12.483	95	77203	44.911	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45382	40.422	ug/l	100
3) Chloromethane	2.113	50	63636	50.073	ug/l	94
4) Vinyl Chloride	2.253	62	90944	47.089	ug/l	97
5) Bromomethane	2.650	94	76787	51.308	ug/l	99
6) Chloroethane	2.790	64	65327	48.294	ug/l	99
7) Trichlorofluoromethane	3.125	101	109853	47.802	ug/l	94
8) Diethyl Ether	3.528	74	38308	46.126	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.893	101	70997	47.560	ug/l	93
10) Methyl Iodide	4.088	142	74414	44.865	ug/l	91
11) Tert butyl alcohol	4.942	59	36097	265.148	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	61571	46.047	ug/l	81
13) Acrolein	3.729	56	24638	229.844	ug/l	95
14) Allyl chloride	4.479	41	84117	48.202	ug/l #	91
15) Acrylonitrile	5.161	53	102742	252.930	ug/l	97
16) Acetone	3.948	43	87194	284.680	ug/l #	89
17) Carbon Disulfide	4.192	76	149545	42.393	ug/l	99
18) Methyl Acetate	4.473	43	41533	56.942	ug/l #	78
19) Methyl tert-butyl Ether	5.216	73	206186	49.966	ug/l	96
20) Methylene Chloride	4.716	84	75112	45.760	ug/l #	81
21) trans-1,2-Dichloroethene	5.216	96	74943	46.779	ug/l #	81
22) Diisopropyl ether	6.119	45	206669	50.197	ug/l #	89
23) Vinyl Acetate	6.058	43	698519	261.839	ug/l #	85
24) 1,1-Dichloroethane	6.009	63	130343	49.320	ug/l	98
25) 2-Butanone	6.984	43	130648	272.790	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	125010	51.364	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	92852	48.848	ug/l	82
28) Bromochloromethane	7.332	49	56559	55.834	ug/l #	67
29) Tetrahydrofuran	7.344	42	81484	263.520	ug/l #	72
30) Chloroform	7.503	83	146955	49.798	ug/l	99
31) Cyclohexane	7.783	56	103601	44.991	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	131501	50.940	ug/l	95
36) 1,1-Dichloropropene	7.917	75	105596	49.510	ug/l	96
37) Ethyl Acetate	7.070	43	56322	51.213	ug/l #	89
38) Carbon Tetrachloride	7.899	117	116771	50.891	ug/l	97
39) Methylcyclohexane	9.179	83	133937	48.807	ug/l #	84
40) Benzene	8.161	78	313534	49.366	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	36070m	58.627	ug/l	
42) 1,2-Dichloroethane	8.234	62	94070	51.052	ug/l	91
43) Isopropyl Acetate	8.271	43	108946	53.378	ug/l #	85
44) Trichloroethene	8.941	130	88671	48.987	ug/l	98
45) 1,2-Dichloropropane	9.216	63	78741	50.750	ug/l	97
46) Dibromomethane	9.307	93	53044	51.655	ug/l	94
47) Bromodichloromethane	9.496	83	119136	51.587	ug/l	99
48) Methyl methacrylate	9.289	41	46162	53.203	ug/l #	72
49) 1,4-Dioxane	9.295	88	16038	1210.227	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	291948	277.012	ug/l #	82
52) Toluene	10.240	92	214035	51.149	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	125171	53.183	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	137553	51.803	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	76619	52.305	ug/l	99
56) Ethyl methacrylate	10.508	69	99351	55.320	ug/l #	73
57) 1,3-Dichloropropane	10.789	76	121159	51.506	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	172268	243.515	ug/l #	89
59) 2-Hexanone	10.831	43	208734	287.831	ug/l	78
60) Dibromochloromethane	10.984	129	91082	53.230	ug/l	99
61) 1,2-Dibromoethane	11.087	107	73784	51.519	ug/l	99
64) Tetrachloroethene	10.721	164	75882	48.982	ug/l	99
65) Chlorobenzene	11.514	112	241977	50.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	92240	51.857	ug/l	97
67) Ethyl Benzene	11.593	91	421486	51.996	ug/l	96
68) m/p-Xylenes	11.703	106	335433	104.046	ug/l	91
69) o-Xylene	12.032	106	161264	51.546	ug/l	89
70) Styrene	12.044	104	275674	53.429	ug/l	93
71) Bromoform	12.209	173	57294	53.436	ug/l #	99
73) Isopropylbenzene	12.331	105	427570	50.968	ug/l	99
74) N-amyl acetate	12.142	43	98935	54.321	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	93301	52.561	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	68109m	54.578	ug/l	
77) Bromobenzene	12.611	156	99995	48.642	ug/l	93
78) n-propylbenzene	12.672	91	507859	51.304	ug/l	98
79) 2-Chlorotoluene	12.758	91	280726	50.532	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	350616	50.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	30909	55.419	ug/l #	82
82) 4-Chlorotoluene	12.855	91	294023	51.501	ug/l	96
83) tert-Butylbenzene	13.075	119	317626	51.470	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	351693	51.662	ug/l	96
85) sec-Butylbenzene	13.251	105	477454	52.187	ug/l	100
86) p-Isopropyltoluene	13.373	119	399682	52.351	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	207415	50.945	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	203701	50.553	ug/l	99
89) n-Butylbenzene	13.697	91	358486	51.971	ug/l	98
90) Hexachloroethane	13.965	117	74794	52.415	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	182290	50.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14024	55.219	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	99328	46.363	ug/l	99
94) Hexachlorobutadiene	15.111	225	50795	46.702	ug/l	98
95) Naphthalene	15.239	128	230499	50.227	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	87260	46.544	ug/l	98

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

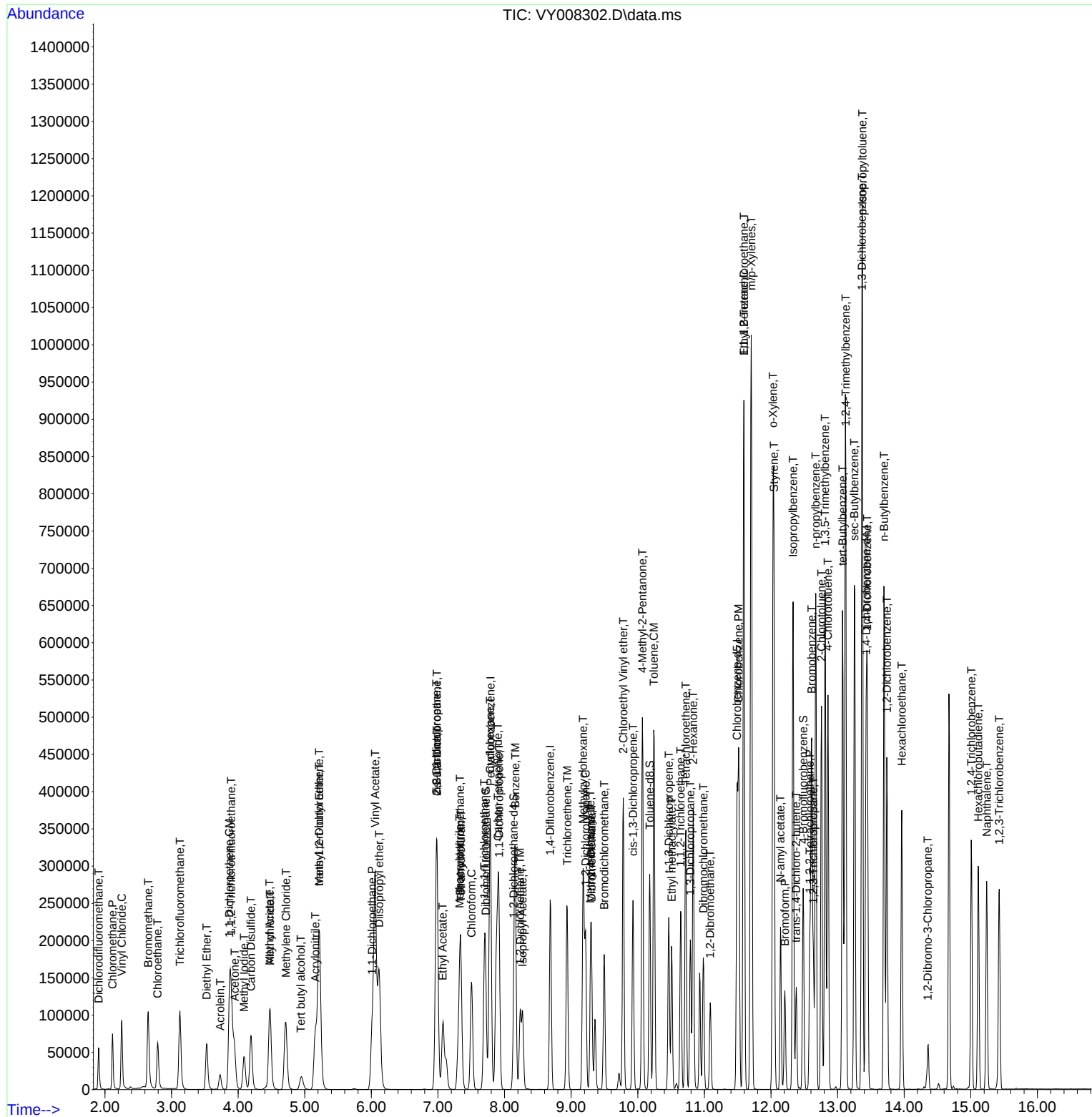
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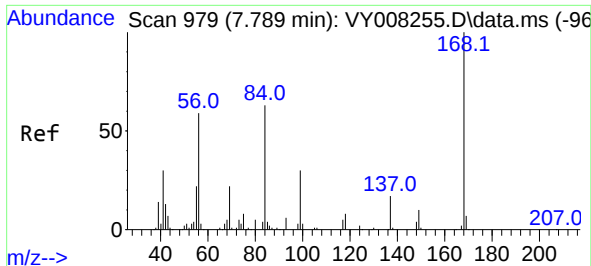
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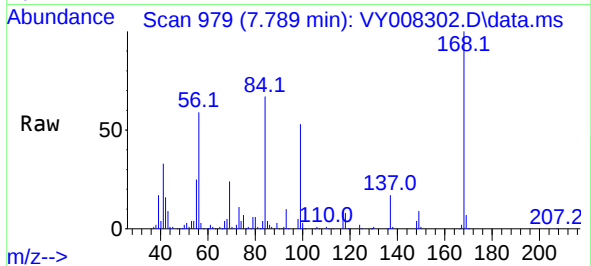
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008302.D
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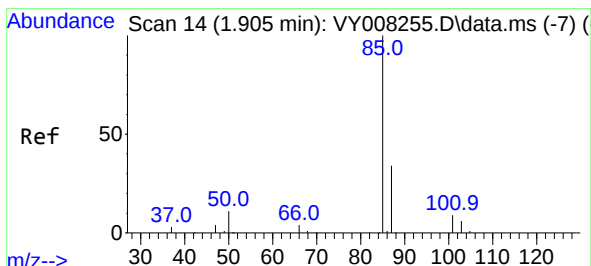
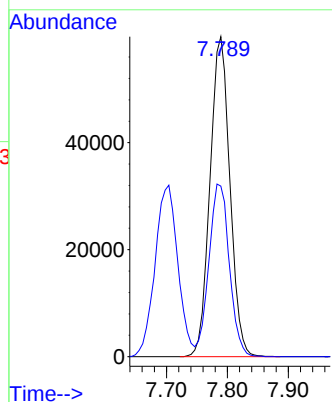
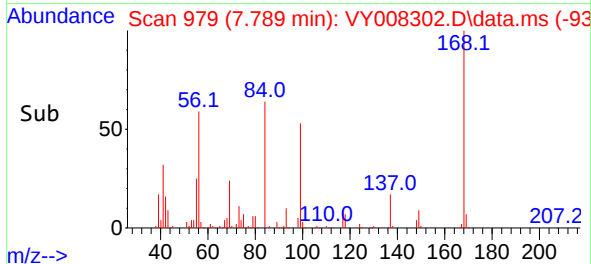
Instrument :
MSVOA_Y
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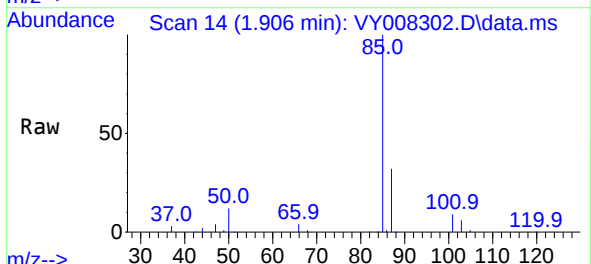
Tgt Ion:168 Resp: 135568
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3

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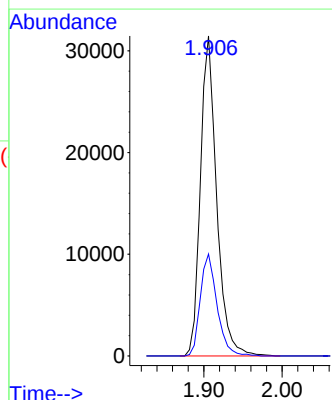
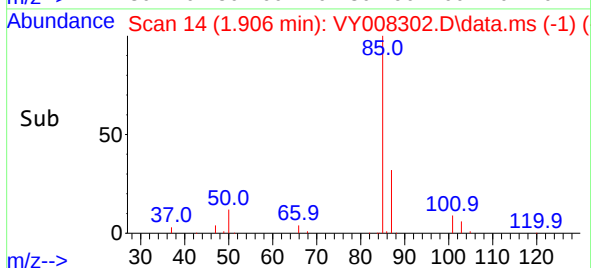
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

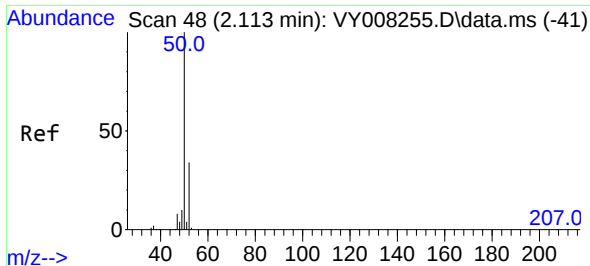


#2
Dichlorodifluoromethane
Concen: 40.422 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



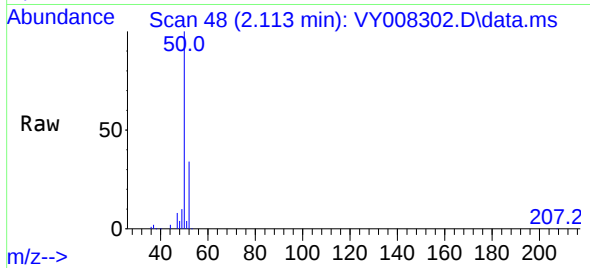
Tgt Ion: 85 Resp: 45382
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





#3
Chloromethane
Concen: 50.073 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

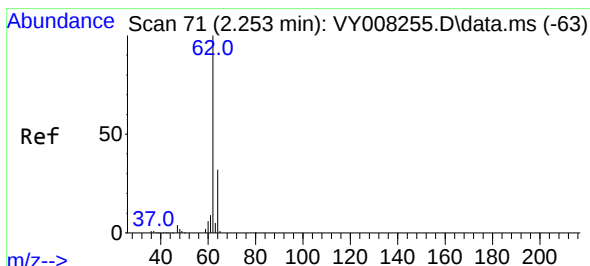
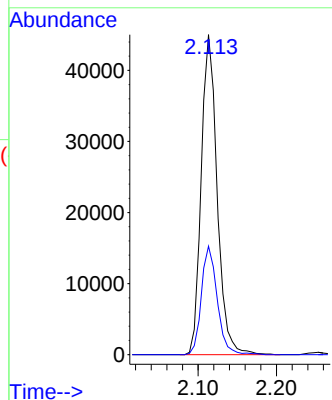
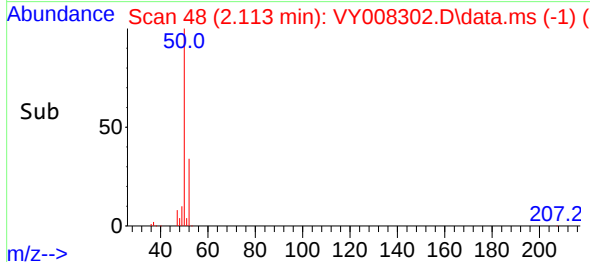
Instrument :
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Tgt Ion: 50 Resp: 63630
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0

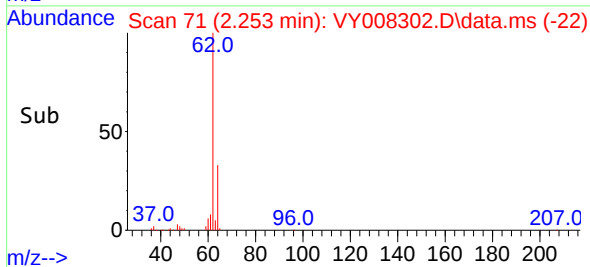
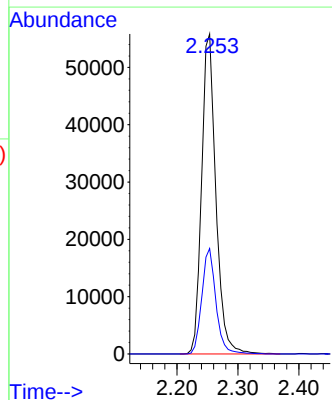
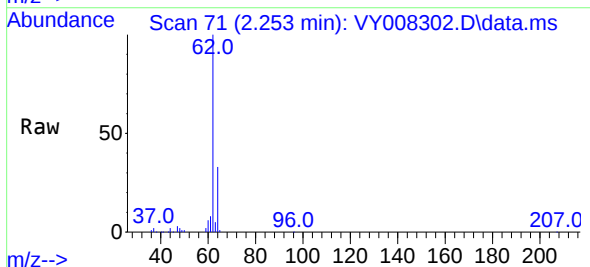
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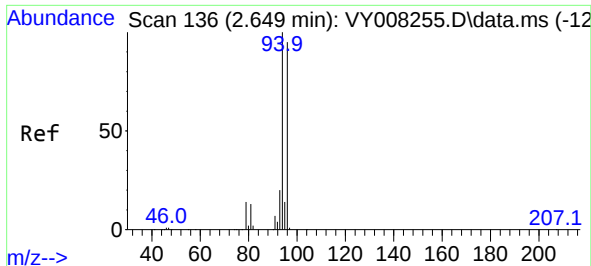
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#4
Vinyl Chloride
Concen: 47.089 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

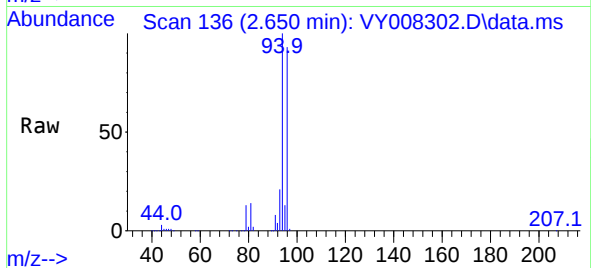
Tgt Ion: 62 Resp: 90944
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.6





#5
Bromomethane
Concen: 51.308 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

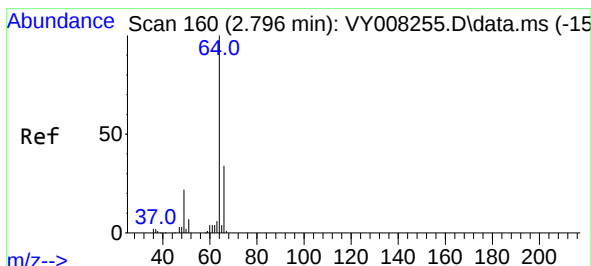
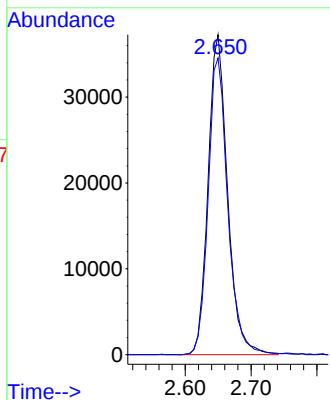
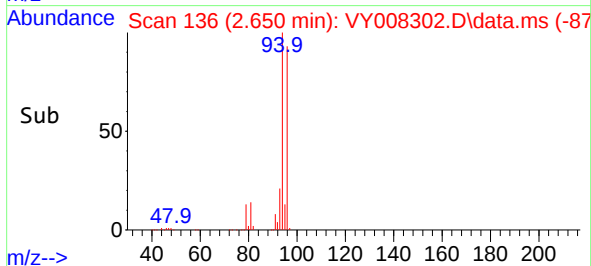
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Tgt Ion: 94 Resp: 7678
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3

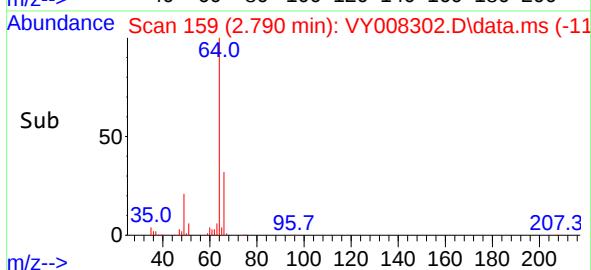
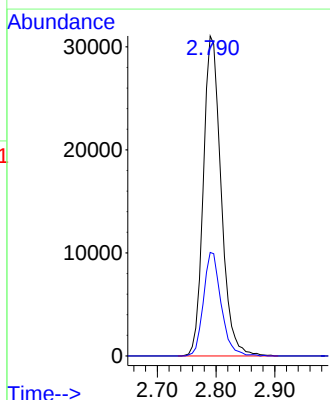
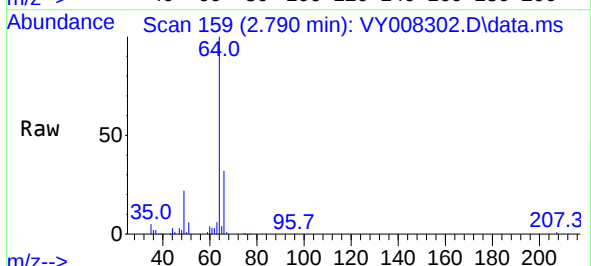
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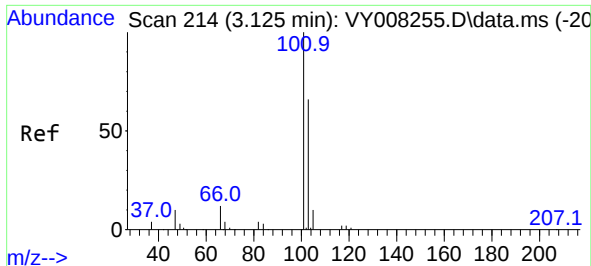
Reviewed By :John Carlone 04/14/2022
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#6
Chloroethane
Concen: 48.294 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

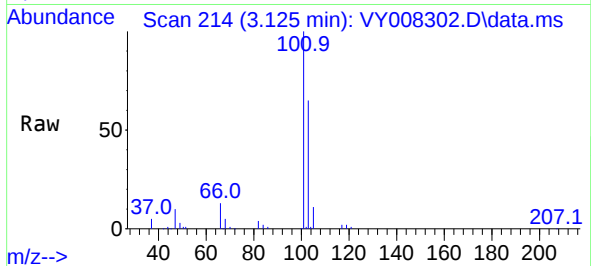
Tgt Ion: 64 Resp: 65327
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 47.802 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

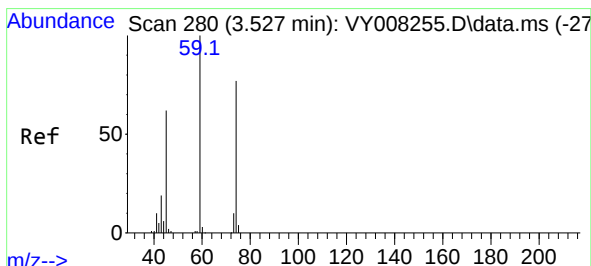
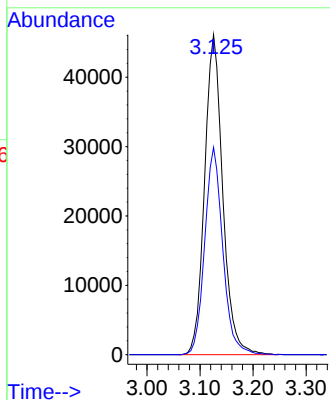
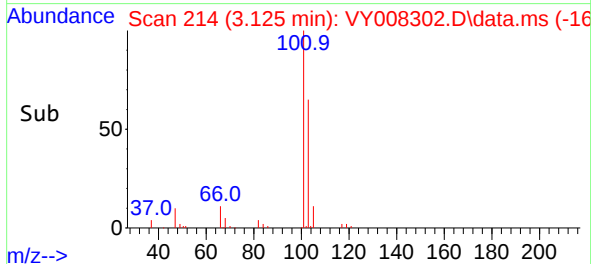
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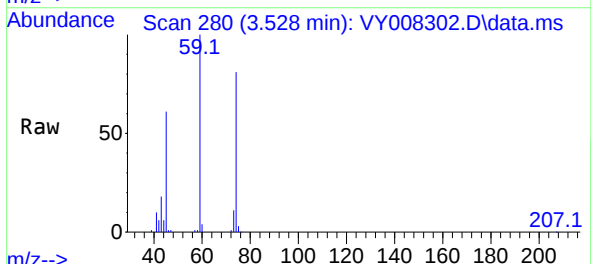
Tgt Ion:101 Resp: 10985
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0

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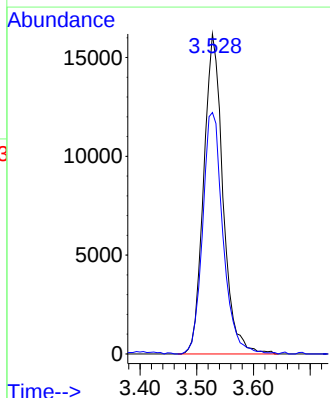
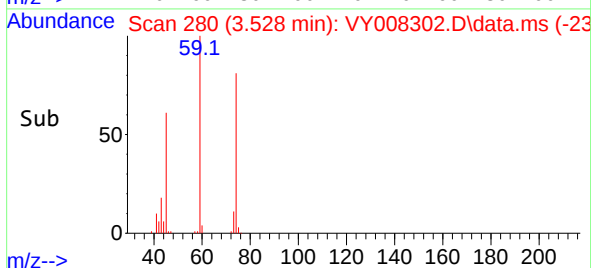
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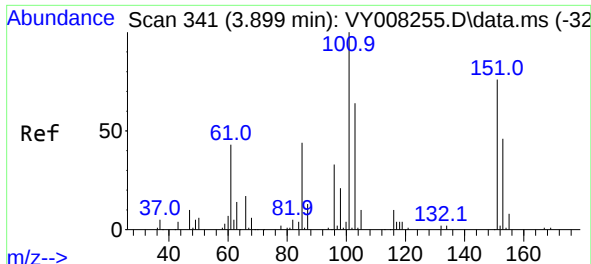


#8
Diethyl Ether
Concen: 46.126 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion: 74 Resp: 38308
Ion Ratio Lower Upper
74 100
45 79.4 55.1 165.5





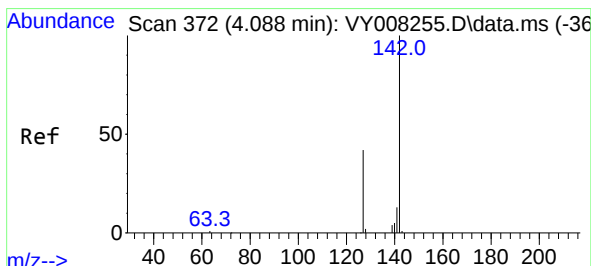
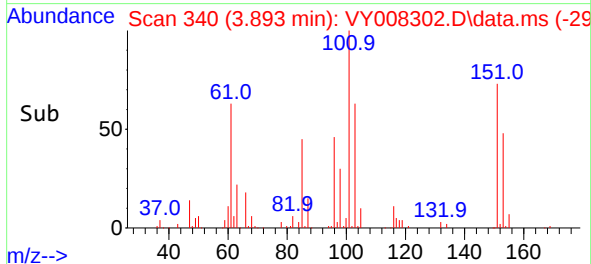
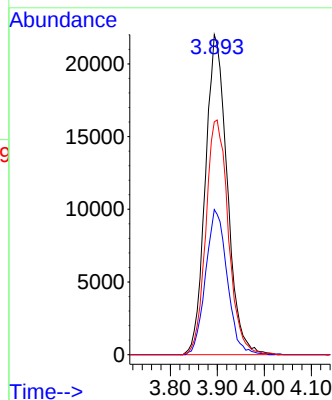
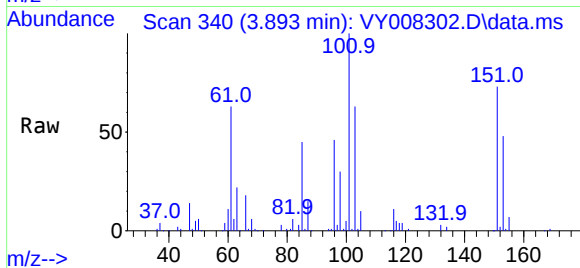
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.560 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7099
Ion Ratio Lower Upper
101 100
85 44.8 40.6 60.8
151 75.6 64.9 97.3

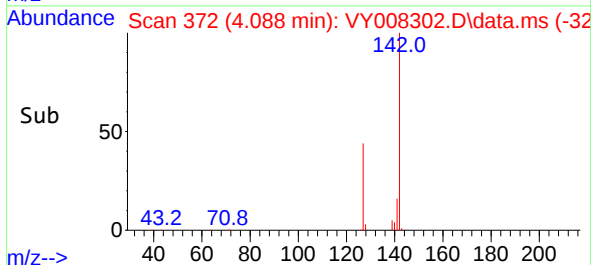
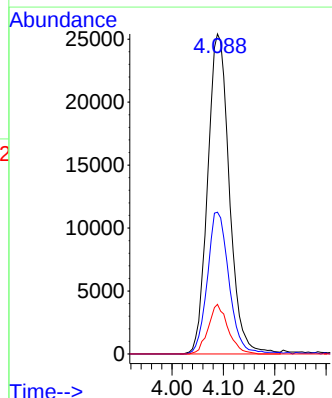
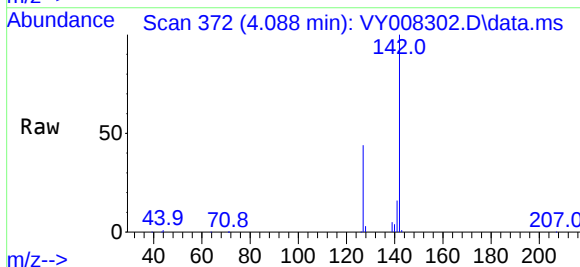
Manual Integrations
APPROVED

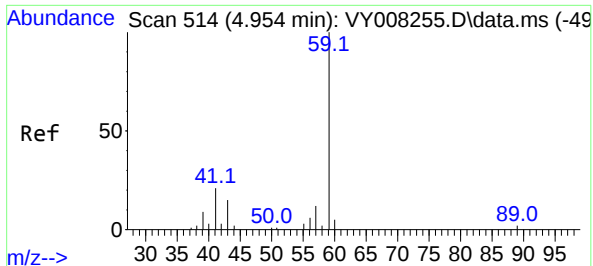
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#10
Methyl Iodide
Concen: 44.865 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

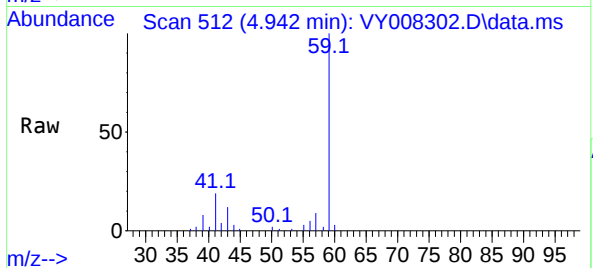
Tgt Ion:142 Resp: 74414
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 265.148 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

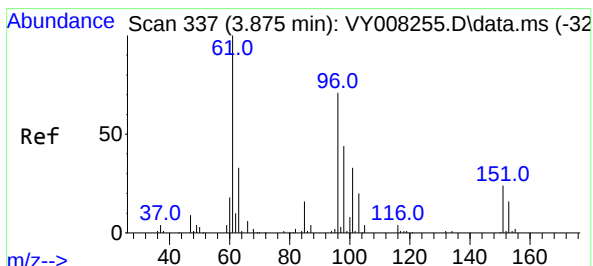
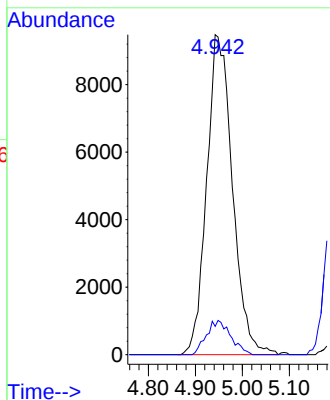
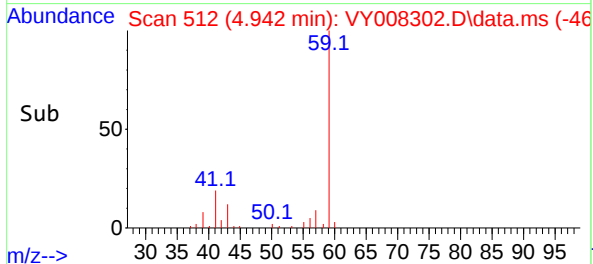
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



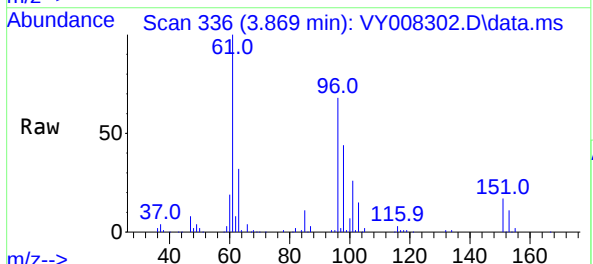
Tgt Ion: 59 Resp: 3609
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6

Manual Integrations
APPROVED

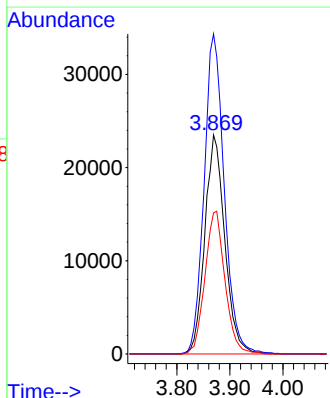
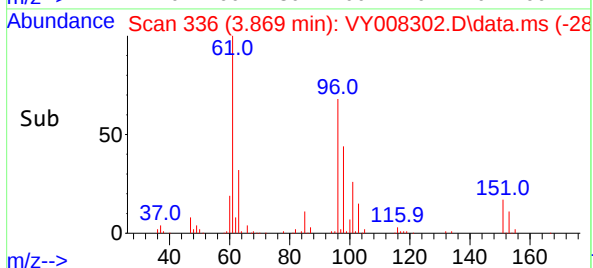
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

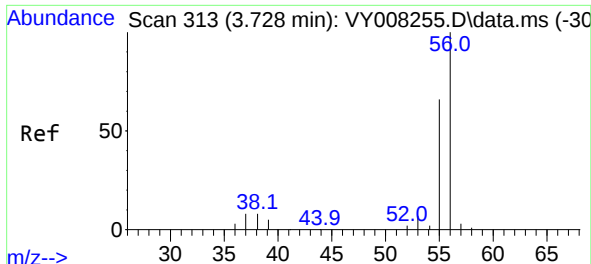


#12
1,1-Dichloroethene
Concen: 46.047 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



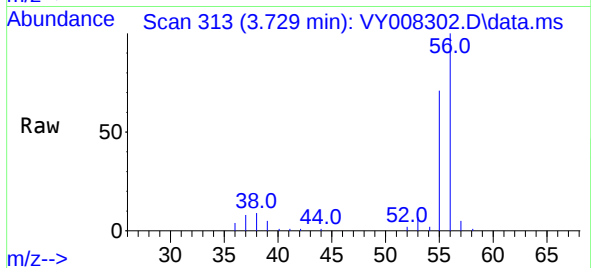
Tgt Ion: 96 Resp: 61571
Ion Ratio Lower Upper
96 100
61 146.1 145.8 218.6
98 64.4 52.5 78.7





#13
Acrolein
Concen: 229.844 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

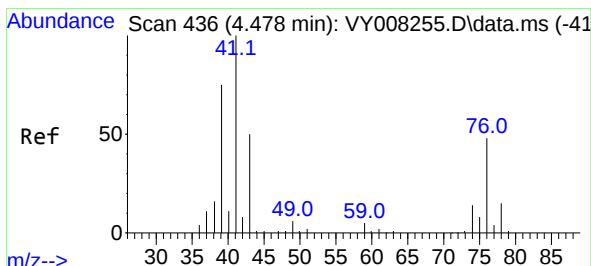
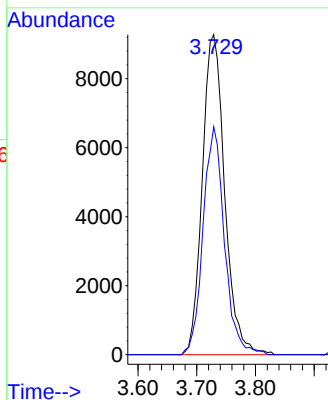
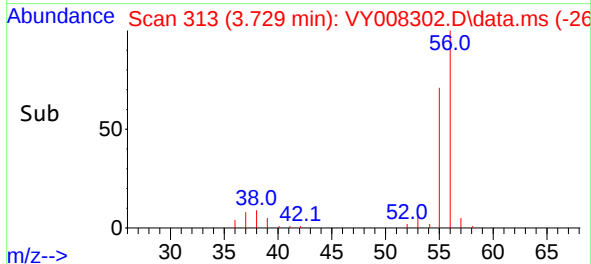
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



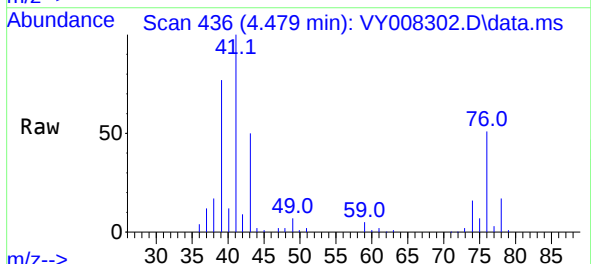
Tgt Ion: 56 Resp: 24638
Ion Ratio Lower Upper
56 100
55 67.8 57.6 86.4

Manual Integrations
APPROVED

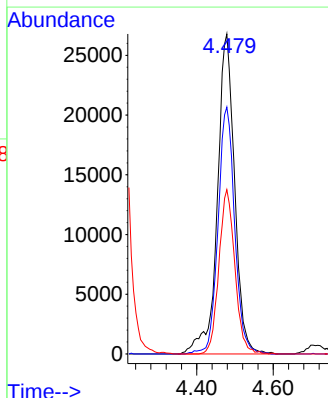
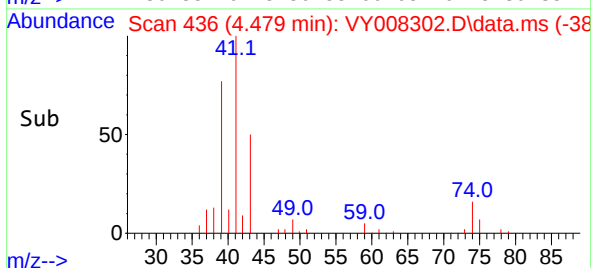
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

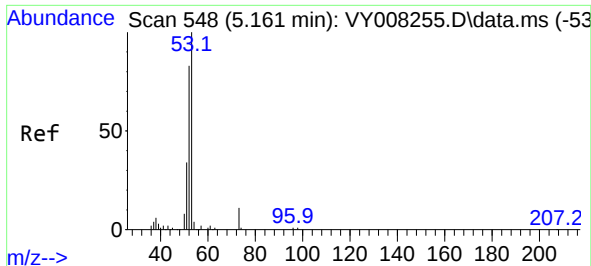


#14
Allyl chloride
Concen: 48.202 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



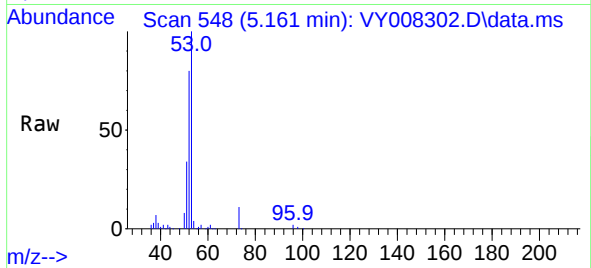
Tgt Ion: 41 Resp: 84117
Ion Ratio Lower Upper
41 100
39 74.5 58.8 88.2
76 47.4 25.1 37.7#





#15
Acrylonitrile
Concen: 252.930 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

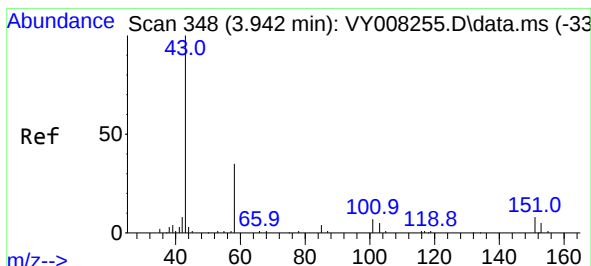
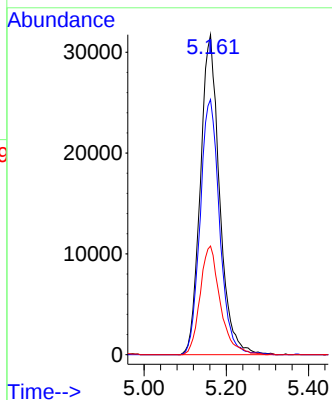
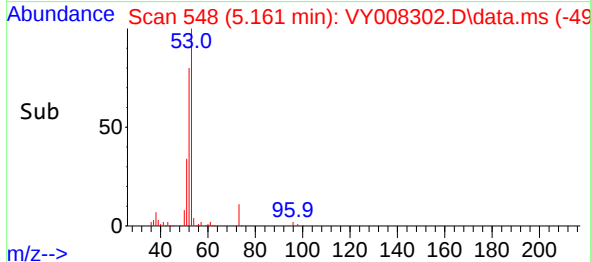
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



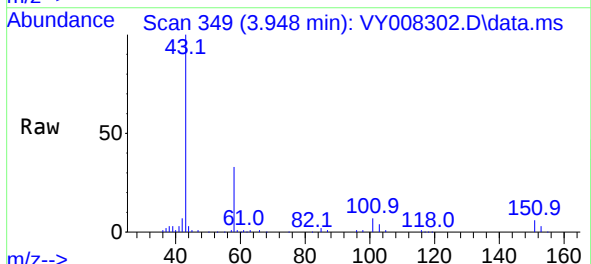
Tgt Ion: 53 Resp: 102742
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 35.8 29.8 44.6

Manual Integrations
APPROVED

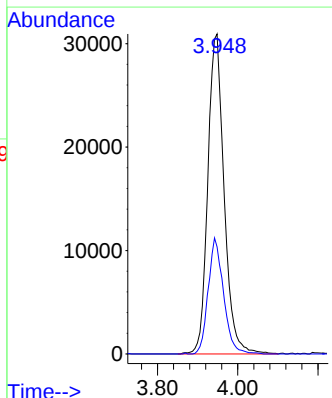
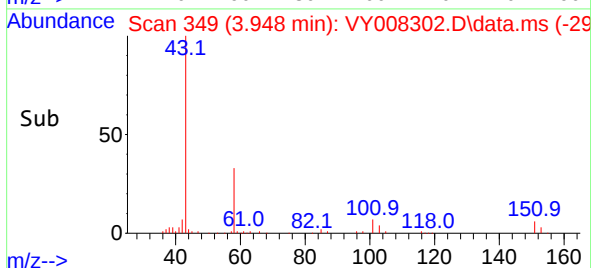
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

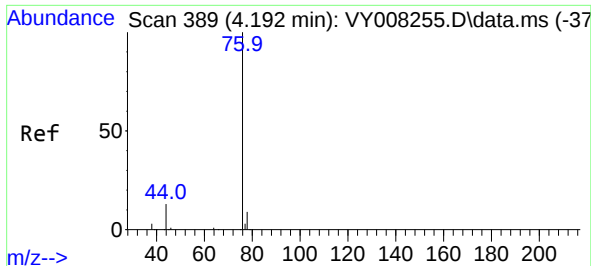


#16
Acetone
Concen: 284.680 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



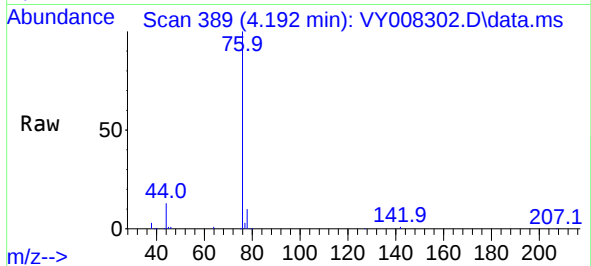
Tgt Ion: 43 Resp: 87194
Ion Ratio Lower Upper
43 100
58 33.5 22.0 33.0#





#17
Carbon Disulfide
Concen: 42.393 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

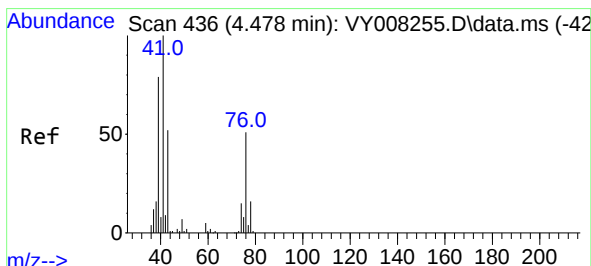
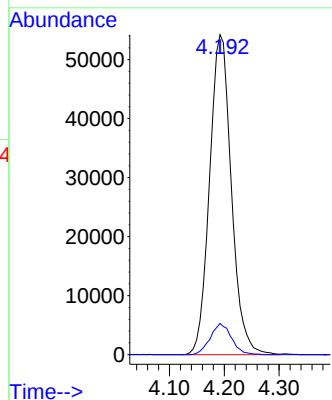
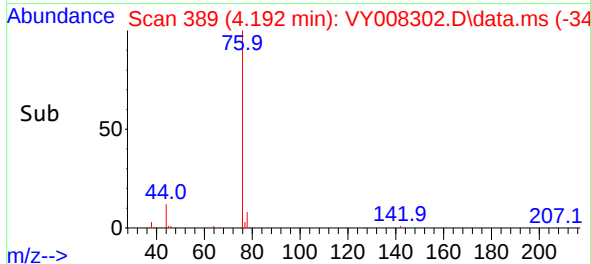
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



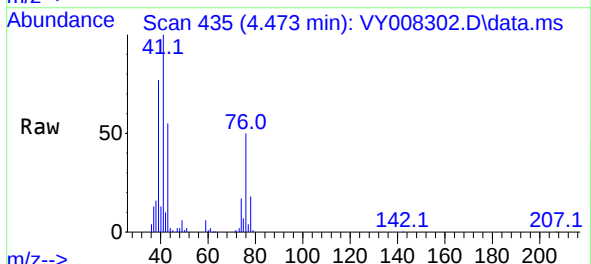
Tgt Ion: 76 Resp: 14954
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

Manual Integrations
APPROVED

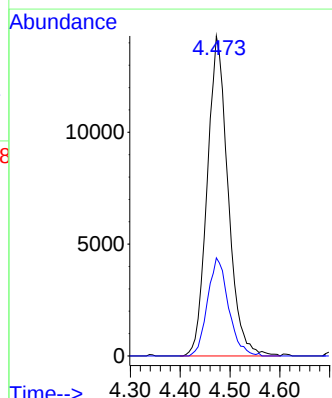
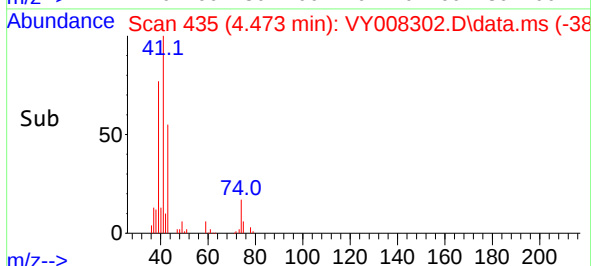
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

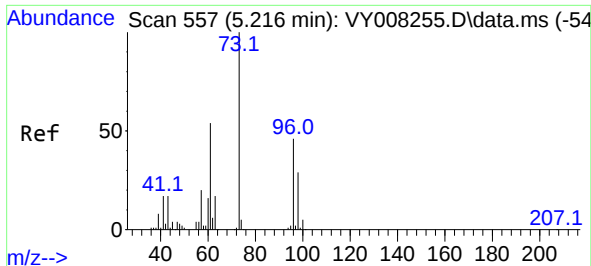


#18
Methyl Acetate
Concen: 56.942 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



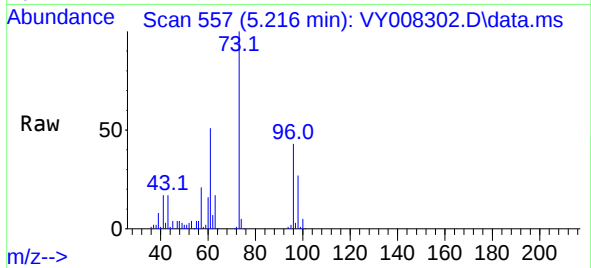
Tgt Ion: 43 Resp: 41533
Ion Ratio Lower Upper
43 100
74 30.9 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 49.966 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

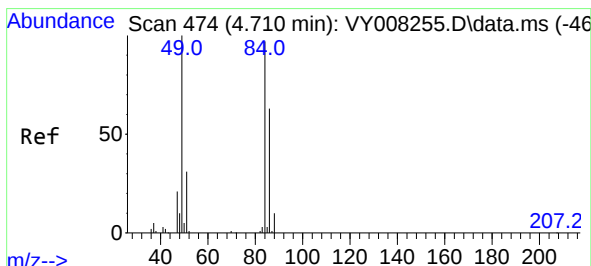
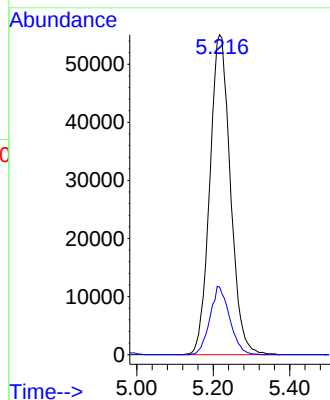
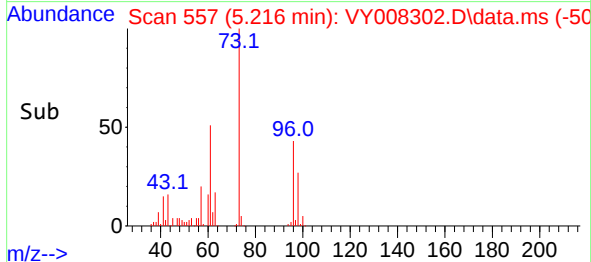
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



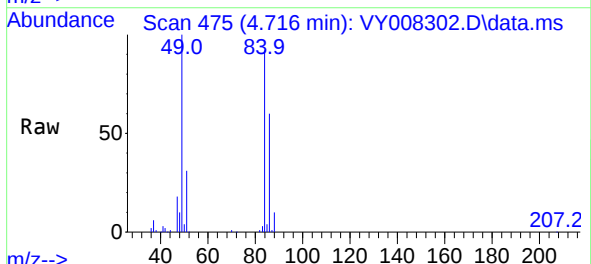
Tgt Ion: 73 Resp: 206180
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8

Manual Integrations
APPROVED

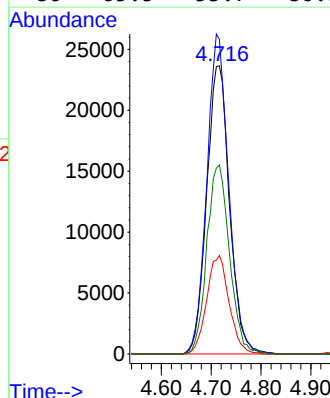
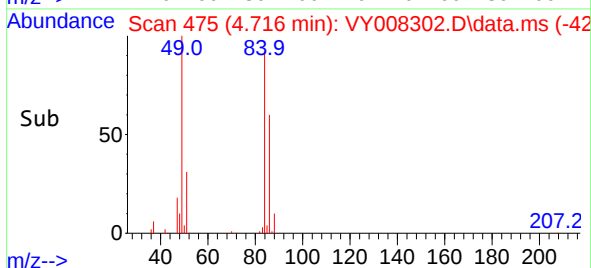
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

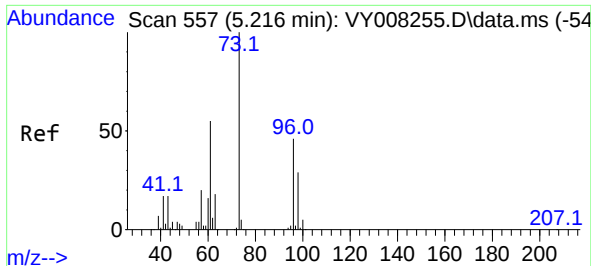


#20
Methylene Chloride
Concen: 45.760 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



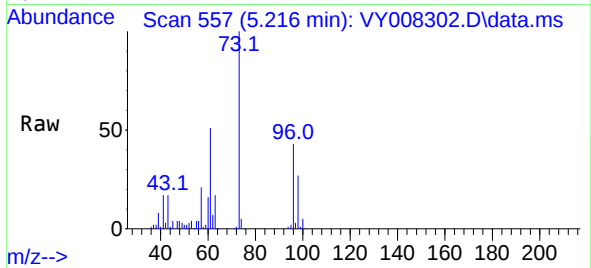
Tgt Ion: 84 Resp: 75112
Ion Ratio Lower Upper
84 100
49 109.1 114.4 171.6#
51 34.2 35.3 52.9#
86 65.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 46.779 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

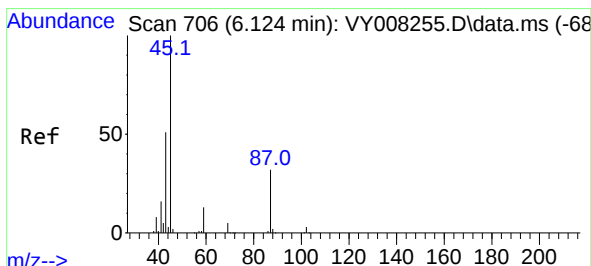
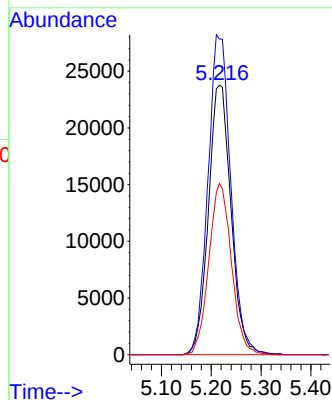
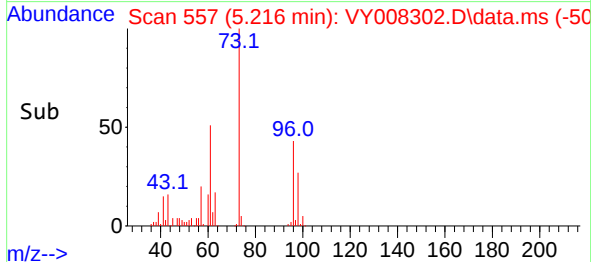
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7494
Ion Ratio Lower Upper
96 100
61 117.2 120.5 180.7
98 63.5 49.8 74.8

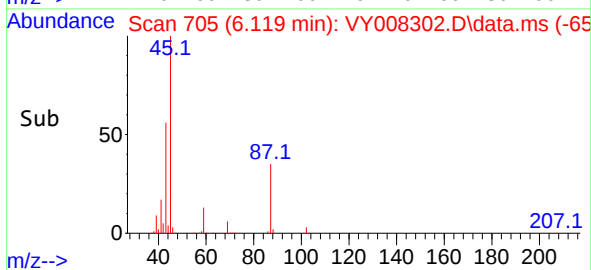
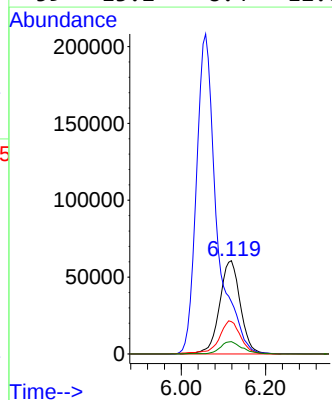
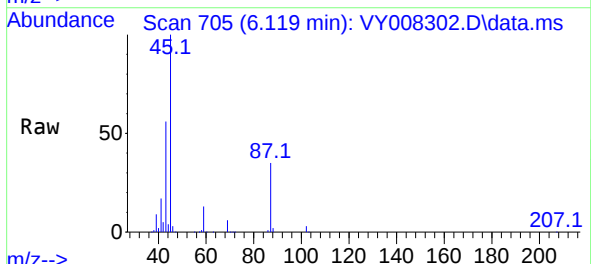
Manual Integrations
APPROVED

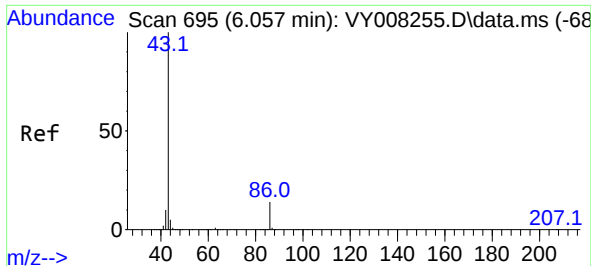
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#22
Diisopropyl ether
Concen: 50.197 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

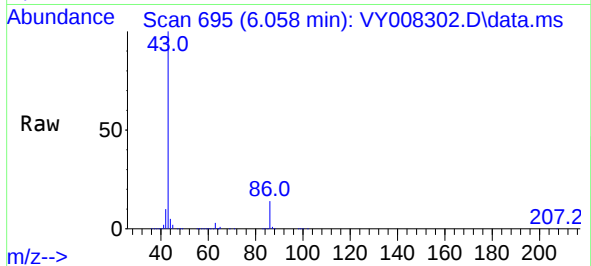
Tgt Ion: 45 Resp: 206669
Ion Ratio Lower Upper
45 100
43 55.6 49.3 73.9
87 34.6 19.2 28.8#
59 13.2 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 261.839 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53

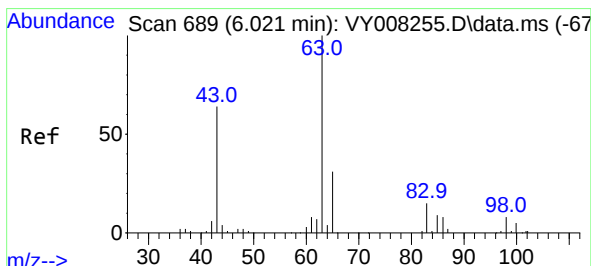
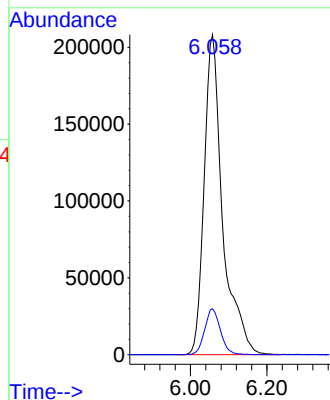
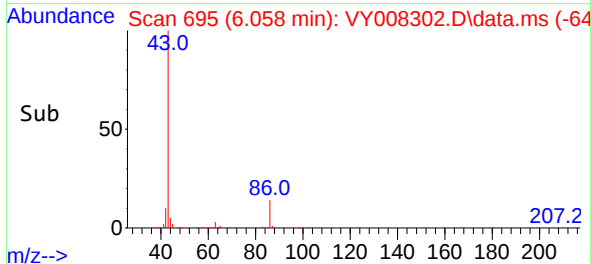
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



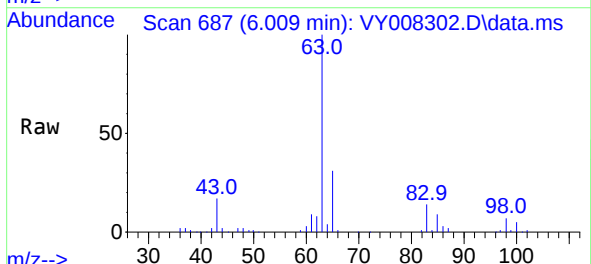
Tgt Ion: 43 Resp: 698519
 Ion Ratio Lower Upper
 43 100
 86 14.3 7.1 10.7

Manual Integrations
 APPROVED

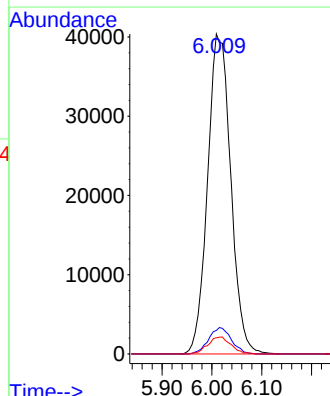
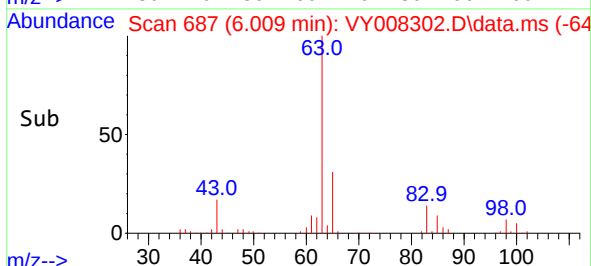
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

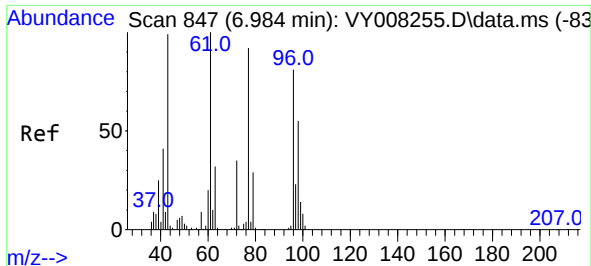


#24
 1,1-Dichloroethane
 Concen: 49.320 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53



Tgt Ion: 63 Resp: 130343
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 272.790 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 13064

Ion Ratio Lower Upper

43 100

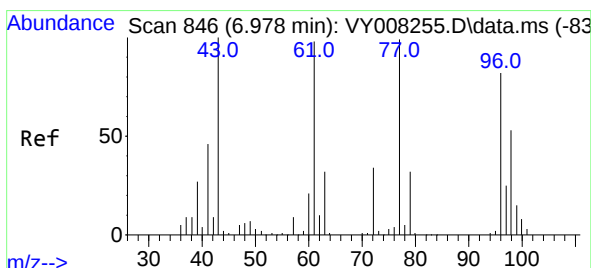
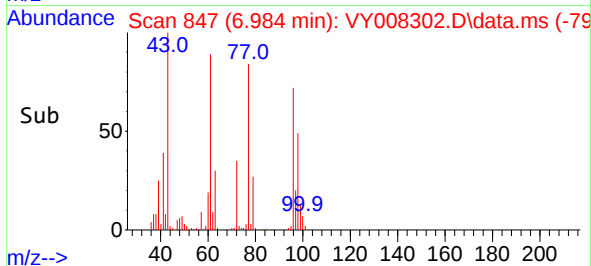
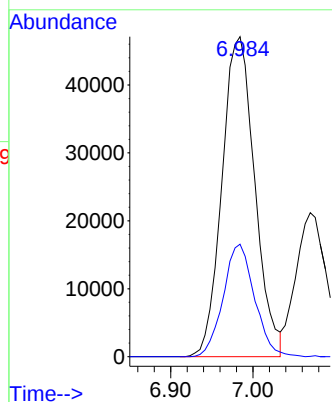
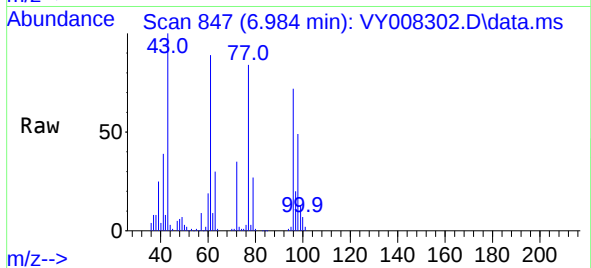
72 35.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#26

2,2-Dichloropropane

Concen: 51.364 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008302.D

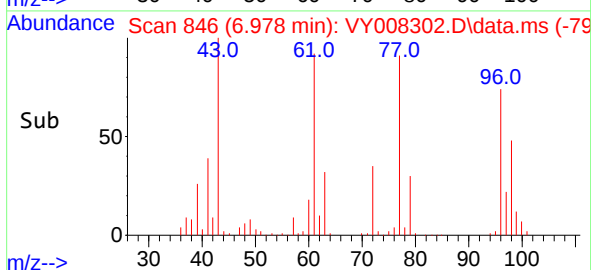
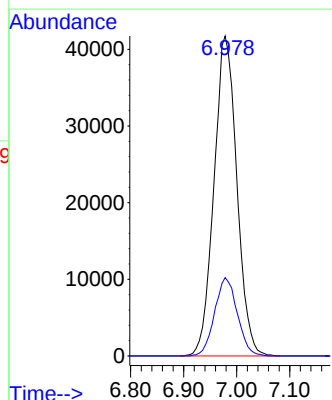
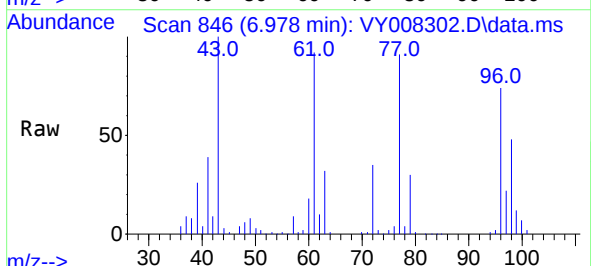
Acq: 13 Apr 2022 09:53

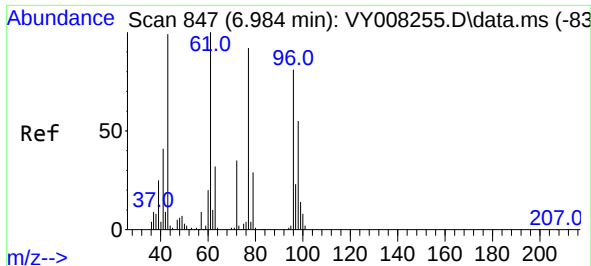
Tgt Ion: 77 Resp: 125010

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4





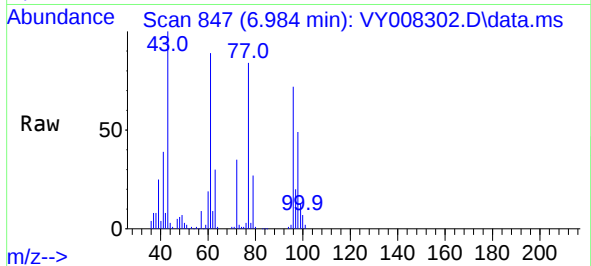
#27
 cis-1,2-Dichloroethene
 Concen: 48.848 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

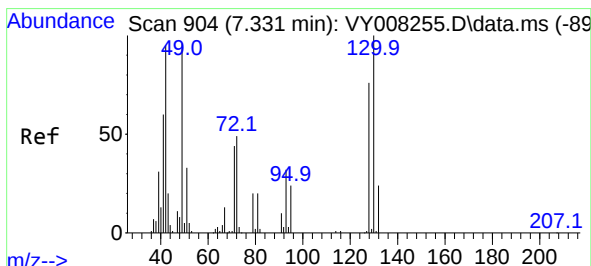
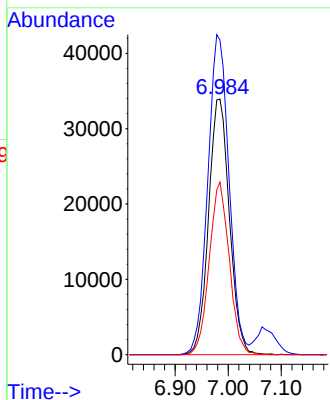
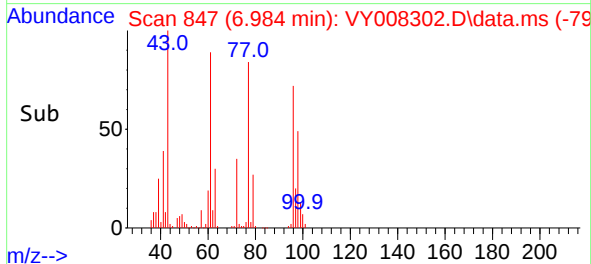


Tgt Ion: 96 Resp: 92852
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 319.8
 98 64.7 0.0 127.0

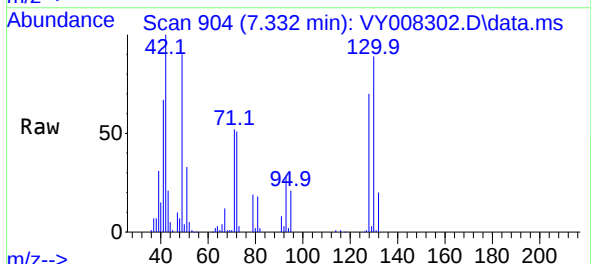
Manual Integrations

APPROVED

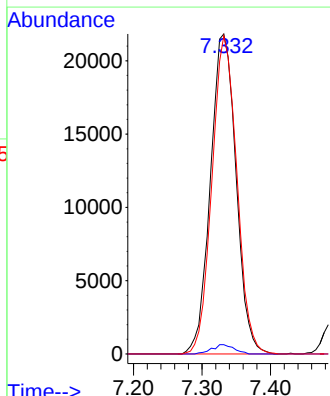
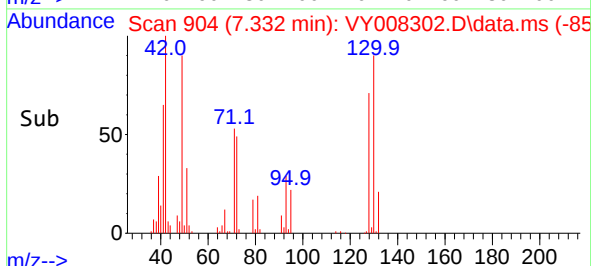
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

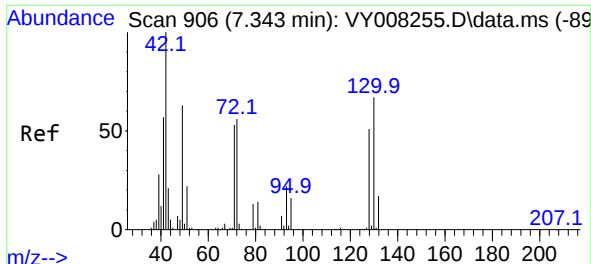


#28
 Bromochloromethane
 Concen: 55.834 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53



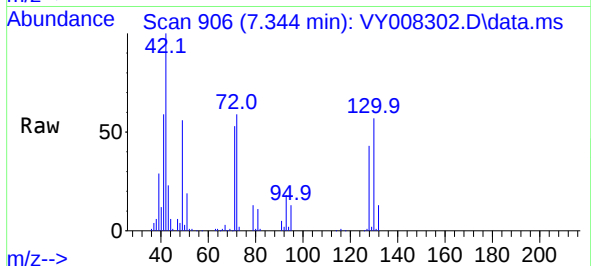
Tgt Ion: 49 Resp: 56559
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.2#
 130 96.4 55.4 83.0#





#29
Tetrahydrofuran
Concen: 263.520 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

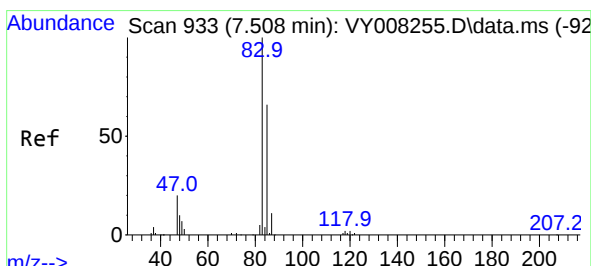
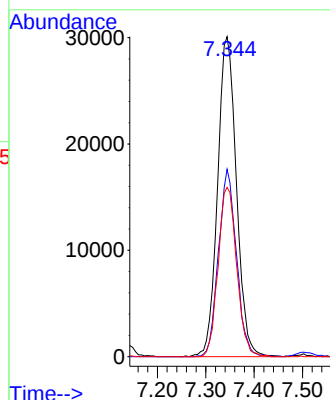
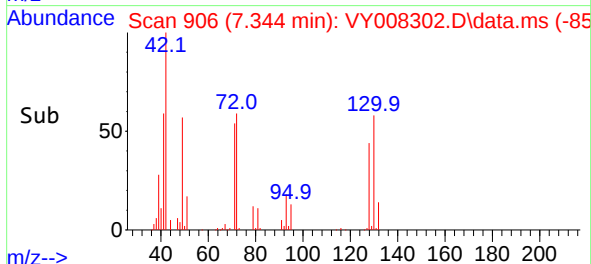
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



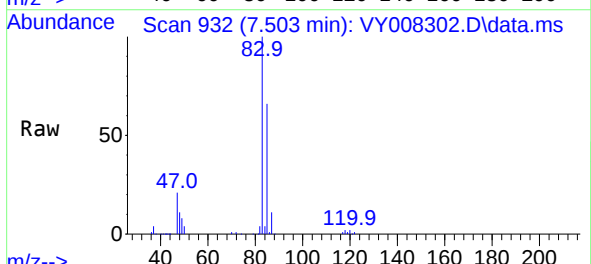
Tgt Ion: 42 Resp: 81484
Ion Ratio Lower Upper
42 100
72 55.8 30.3 45.5
71 52.1 29.0 43.4

Manual Integrations
APPROVED

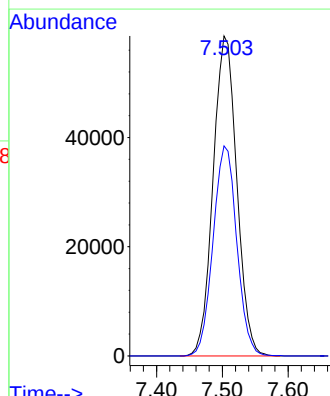
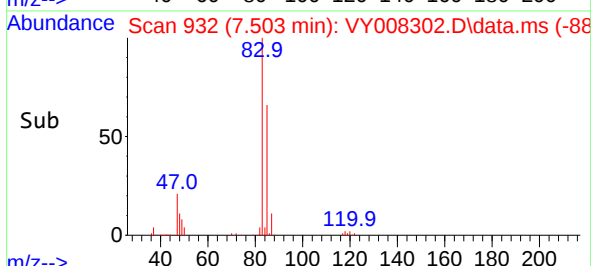
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

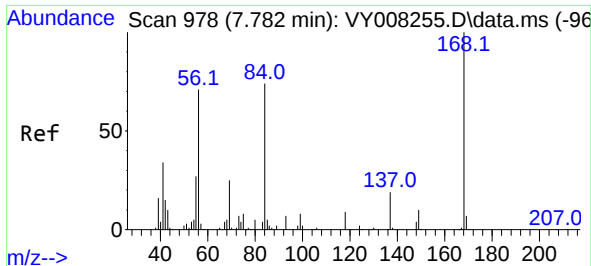


#30
Chloroform
Concen: 49.798 ug/l
RT: 7.503 min Scan# 932
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



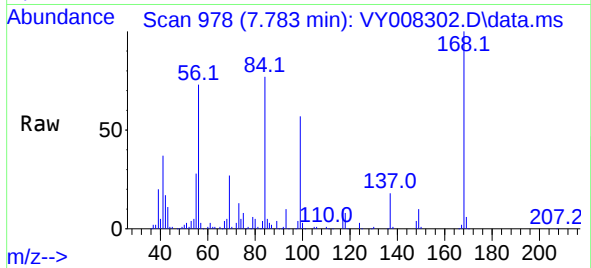
Tgt Ion: 83 Resp: 146955
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.6





#31
Cyclohexane
Concen: 44.991 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

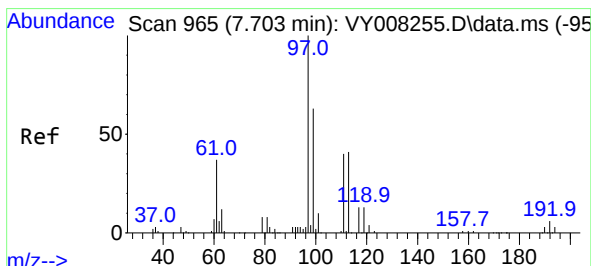
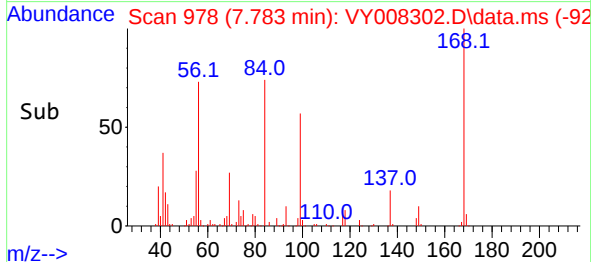
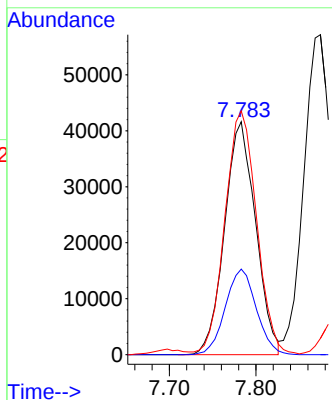
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10360
Ion Ratio Lower Upper
56 100
69 36.7 26.7 40.1
84 102.7 67.2 100.8

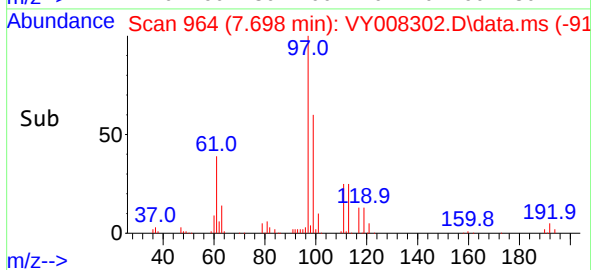
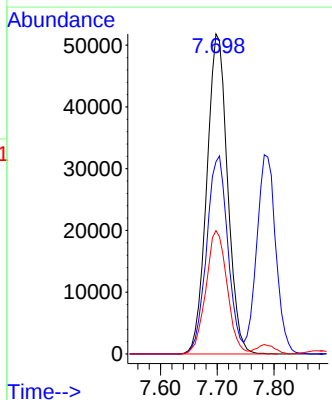
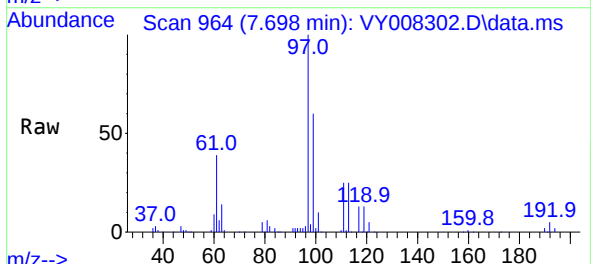
Manual Integrations
APPROVED

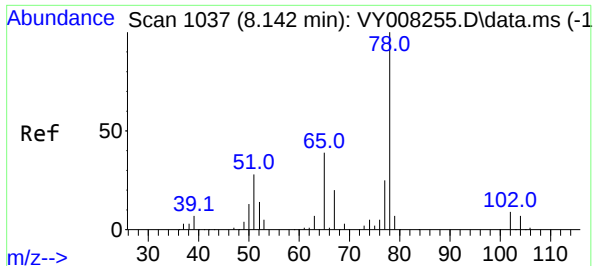
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#32
1,1,1-Trichloroethane
Concen: 50.940 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Tgt Ion: 97 Resp: 131501
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 39.4 37.6 56.4





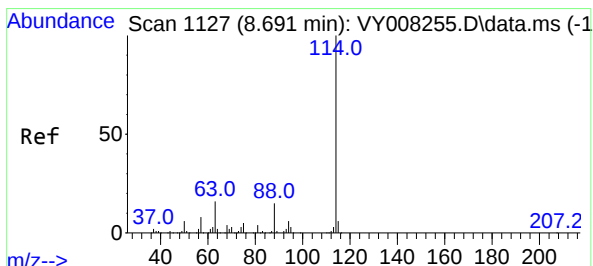
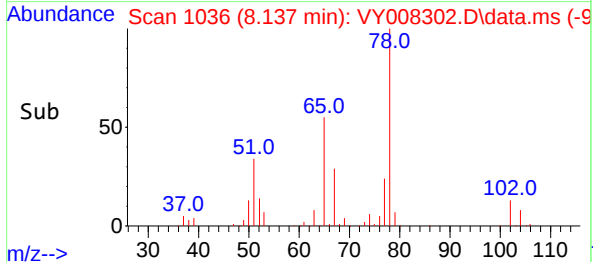
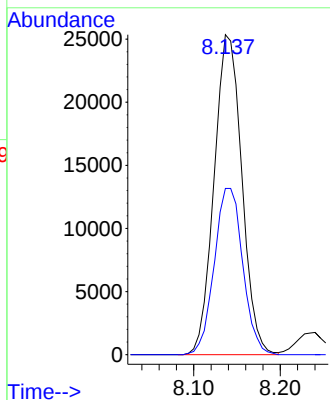
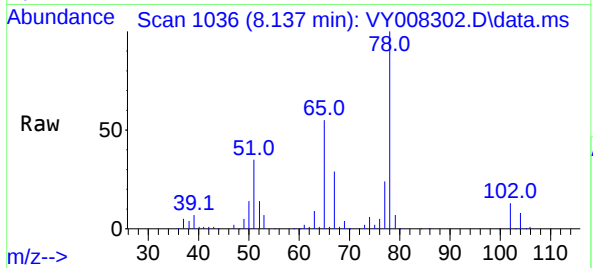
#33
1,2-Dichloroethane-d4
Concen: 44.333 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 56454
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

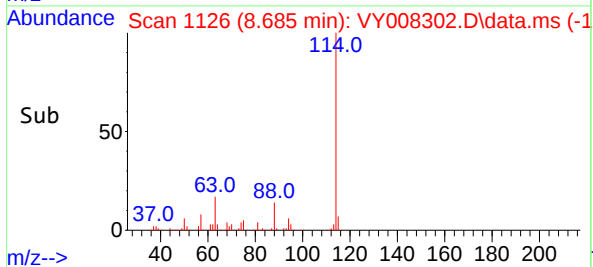
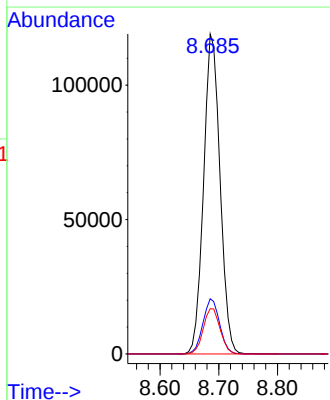
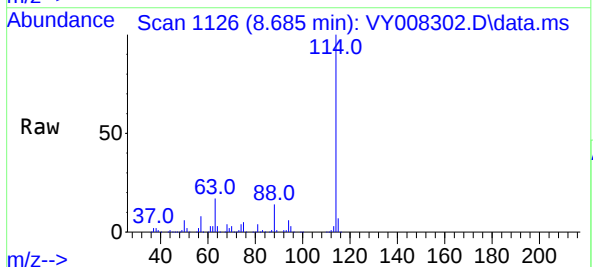
Manual Integrations
APPROVED

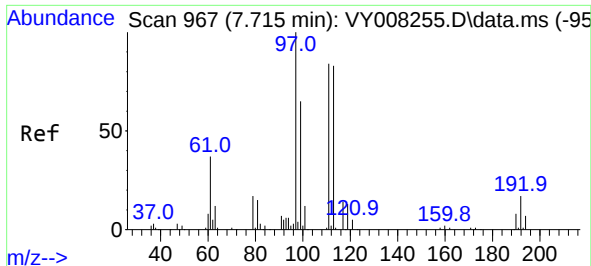
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

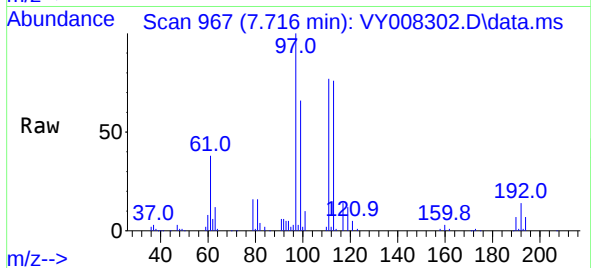
Tgt Ion:114 Resp: 231248
Ion Ratio Lower Upper
114 100
63 17.2 0.0 43.2
88 14.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 42.671 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

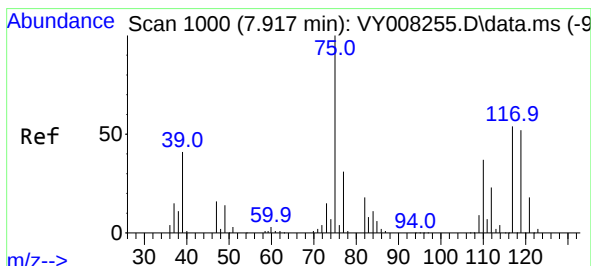
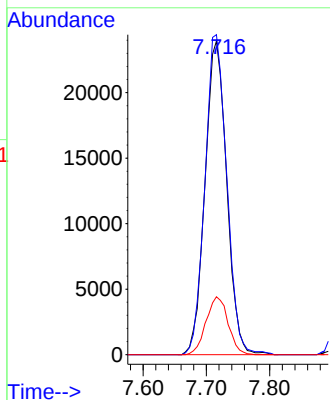
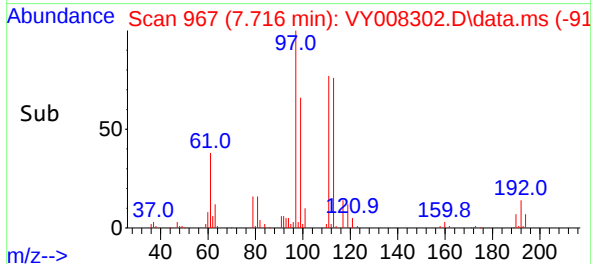
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



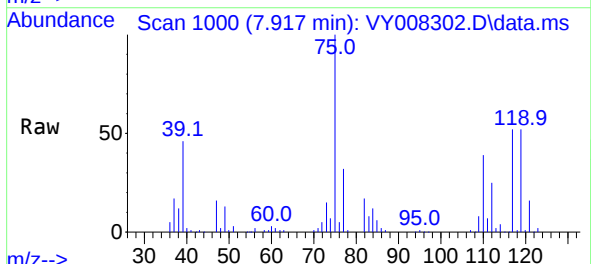
Tgt Ion:113 Resp: 56994
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.7 17.6 26.4

Manual Integrations
APPROVED

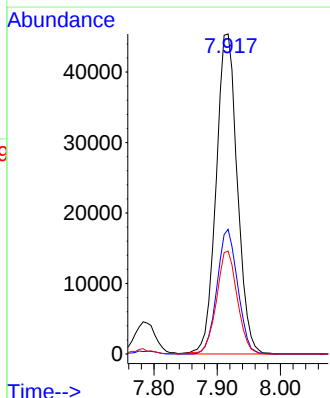
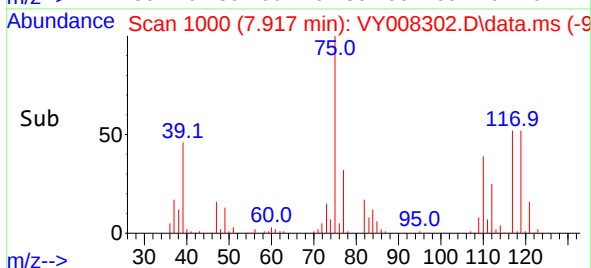
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

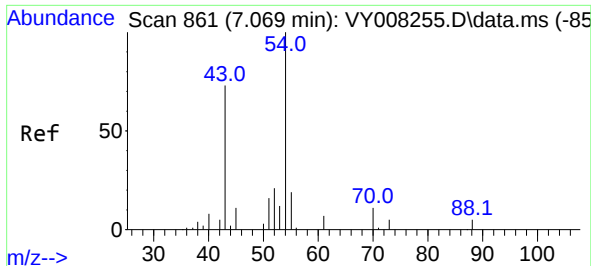


#36
1,1-Dichloropropene
Concen: 49.510 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



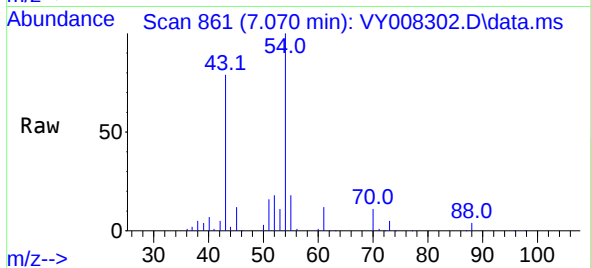
Tgt Ion: 75 Resp: 105596
Ion Ratio Lower Upper
75 100
110 37.9 17.1 51.2
77 31.6 24.4 36.6





#37
Ethyl Acetate
Concen: 51.213 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

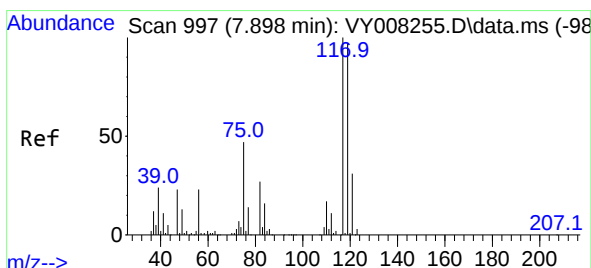
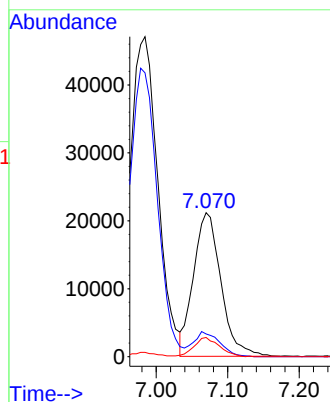
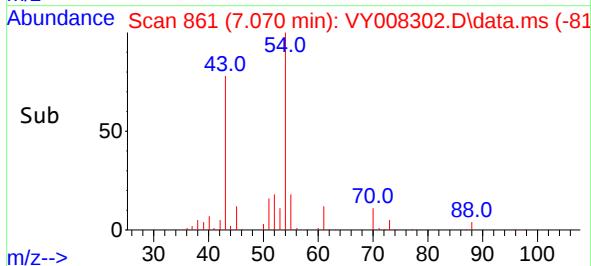
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



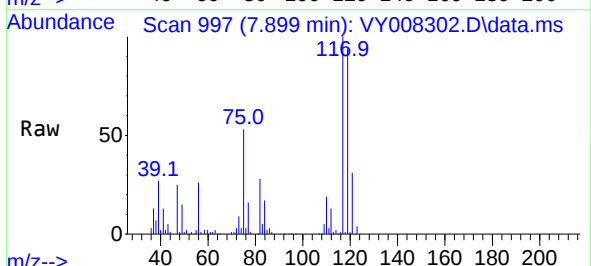
Tgt Ion: 43 Resp: 5632
Ion Ratio Lower Upper
43 100
61 16.5 9.7 14.5
70 12.4 7.1 10.7

Manual Integrations
APPROVED

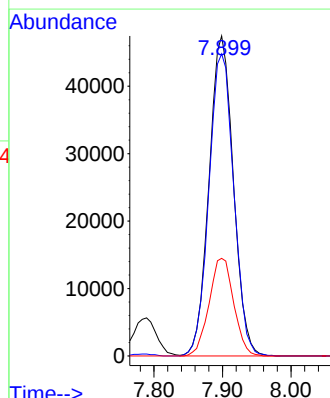
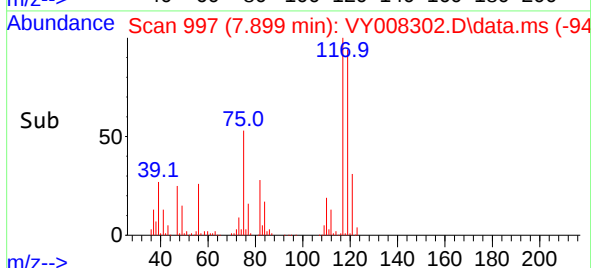
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

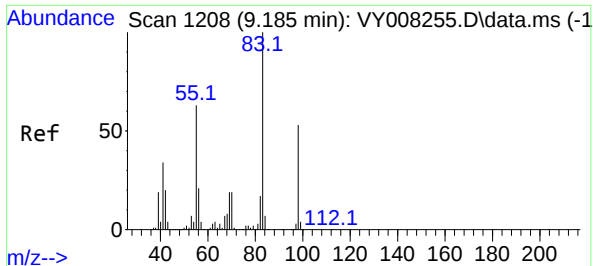


#38
Carbon Tetrachloride
Concen: 50.891 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion:117 Resp: 116771
Ion Ratio Lower Upper
117 100
119 94.4 77.9 116.9
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 48.807 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13393

Ion Ratio Lower Upper

83 100

55 64.2 66.5 99.7

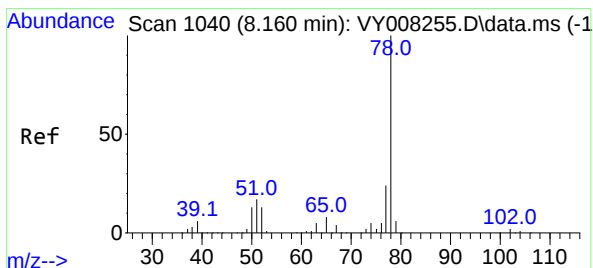
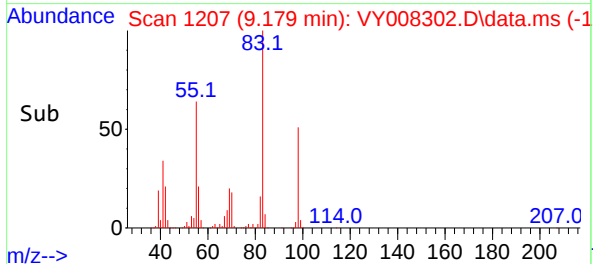
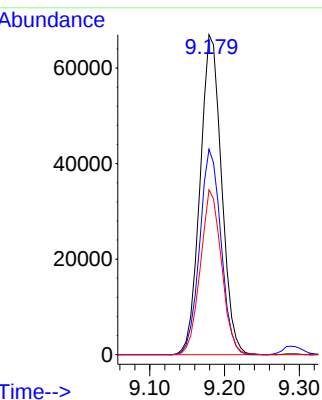
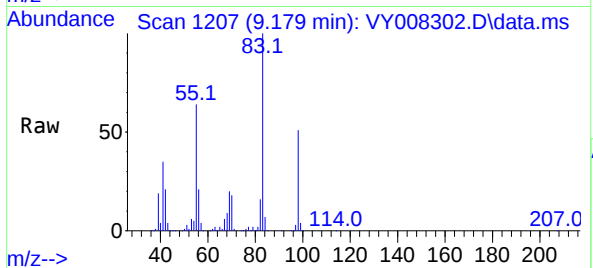
98 51.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#40

Benzene

Concen: 49.366 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008302.D

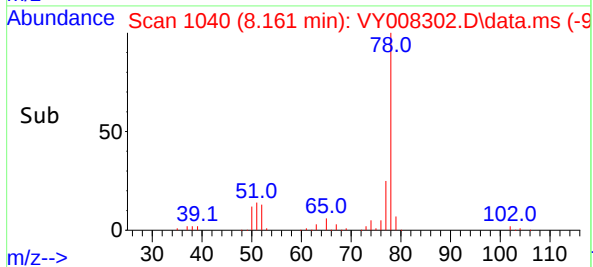
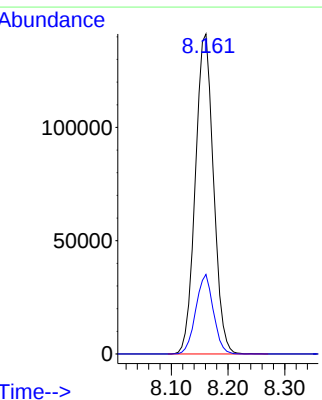
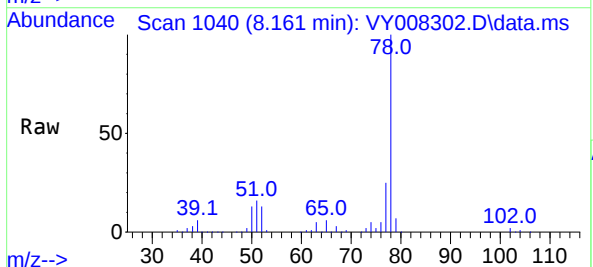
Acq: 13 Apr 2022 09:53

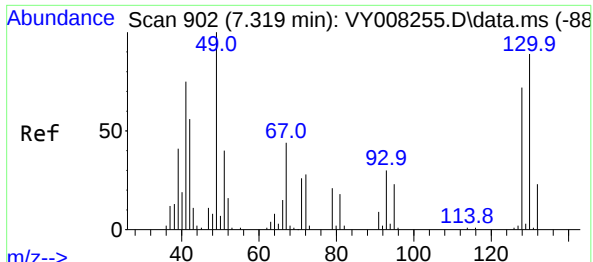
Tgt Ion: 78 Resp: 313534

Ion Ratio Lower Upper

78 100

77 24.9 20.4 30.6





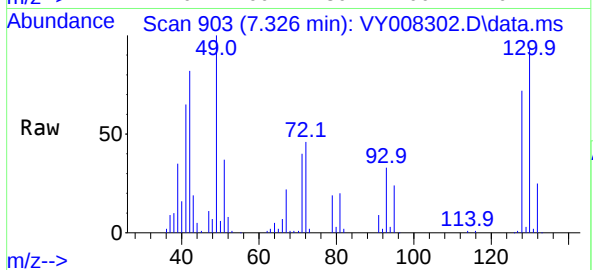
#41
Methacrylonitrile
Concen: 58.627 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



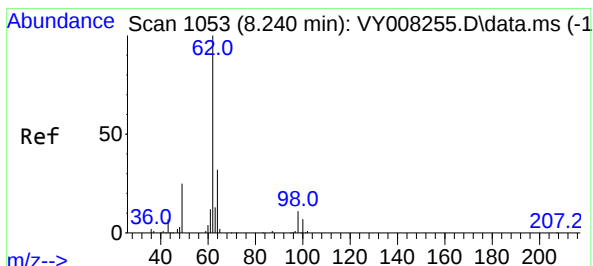
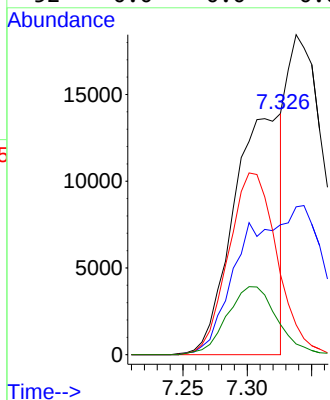
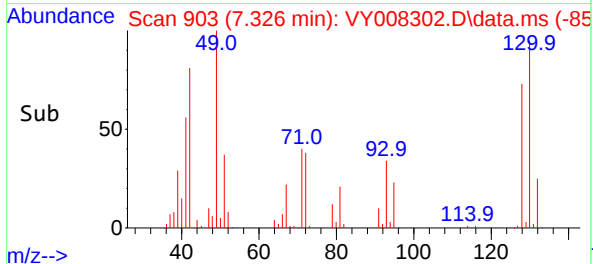
Tgt Ion: 41 Resp: 36070
Ion Ratio Lower Upper
41 100
39 106.3 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations

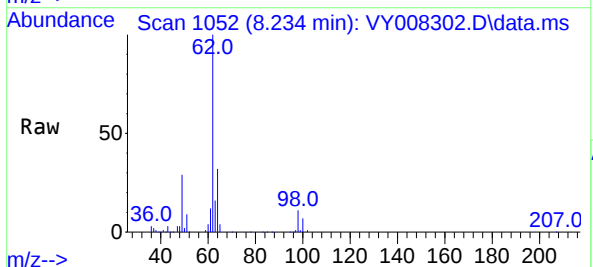
APPROVED

Reviewed By :John Carlone 04/14/2022

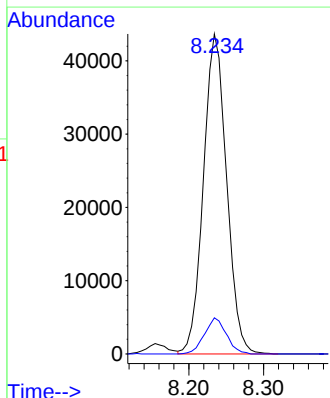
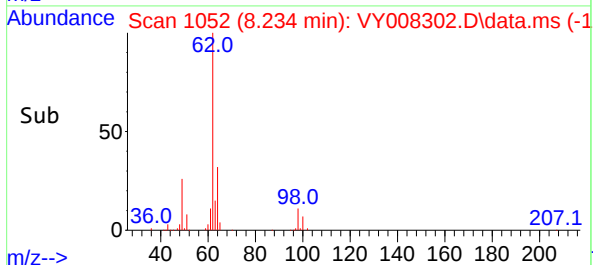
Supervised By :Mahesh Dadoda 04/14/2022

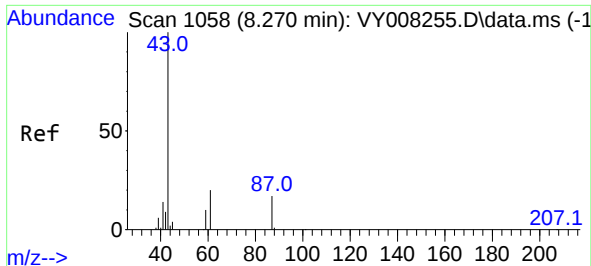


#42
1,2-Dichloroethane
Concen: 51.052 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



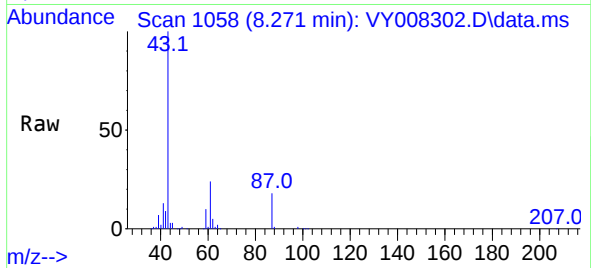
Tgt Ion: 62 Resp: 94070
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 53.378 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

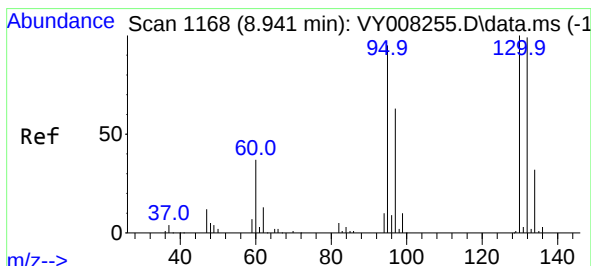
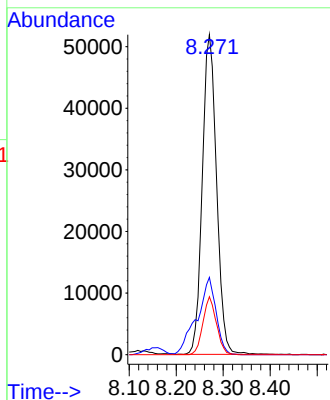
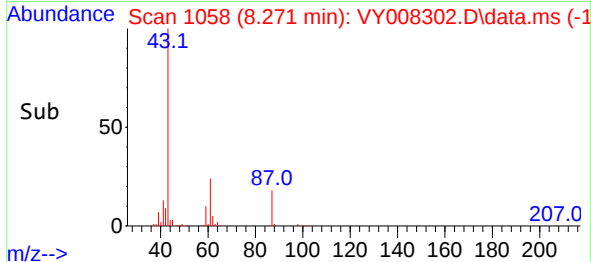
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 108940
Ion Ratio Lower Upper
43 100
61 32.4 20.2 30.2
87 17.2 8.9 13.3

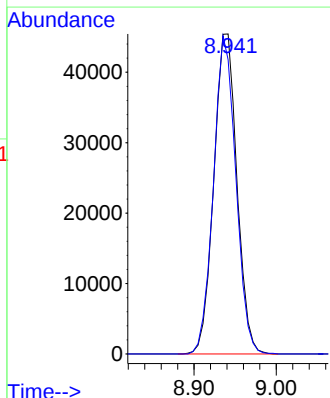
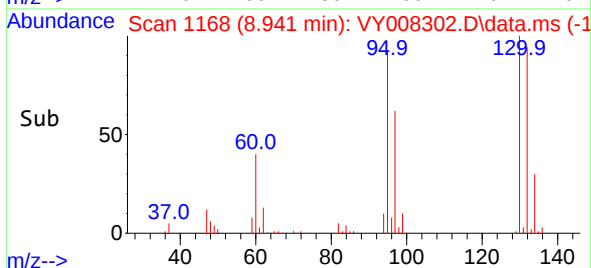
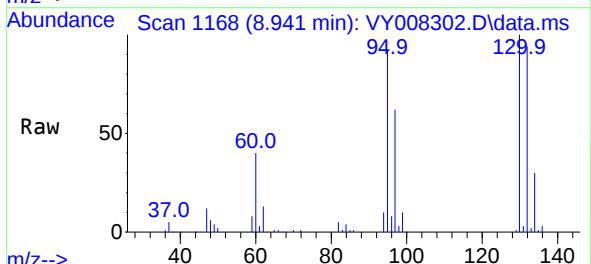
Manual Integrations
APPROVED

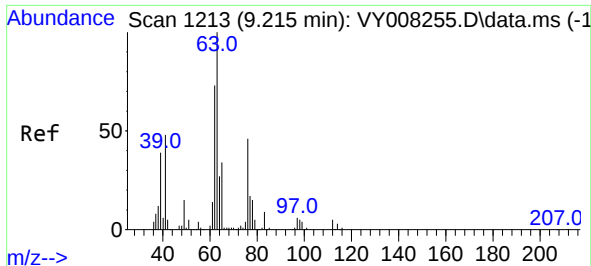
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#44
Trichloroethene
Concen: 48.987 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Tgt Ion:130 Resp: 88671
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.750 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7874

Ion Ratio Lower Upper

63 100

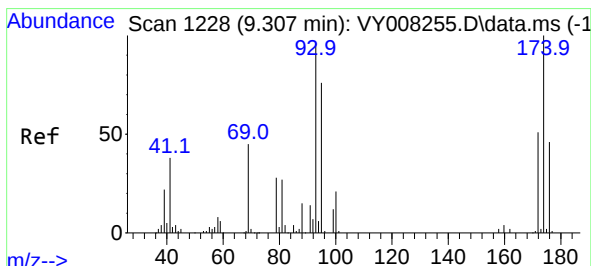
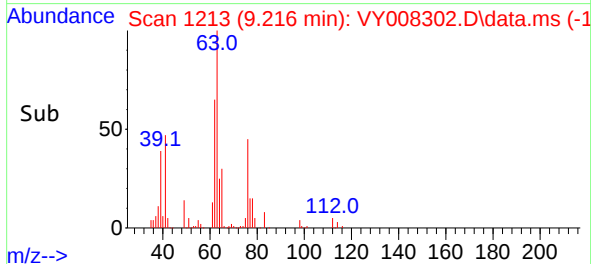
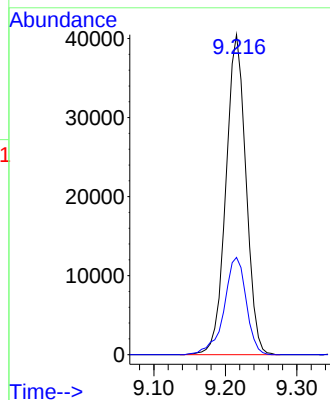
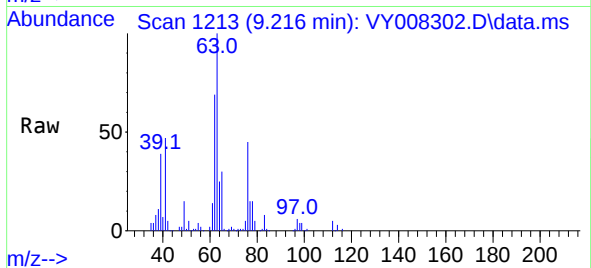
65 30.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#46

Dibromomethane

Concen: 51.655 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

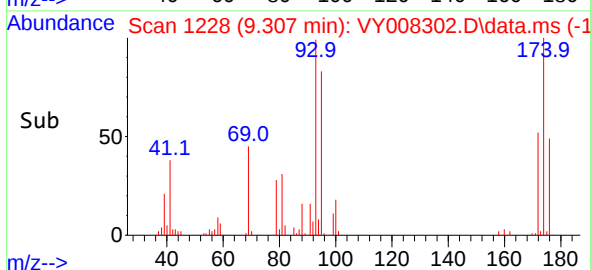
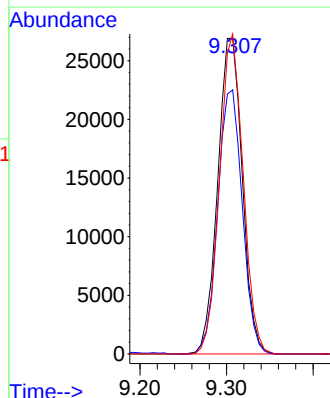
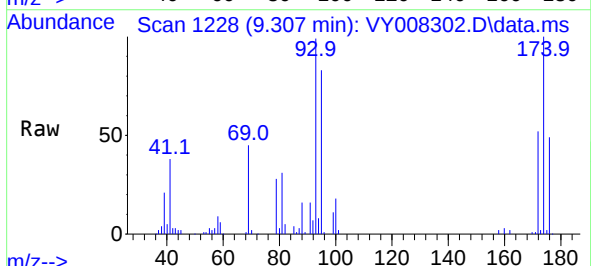
Tgt Ion: 93 Resp: 53044

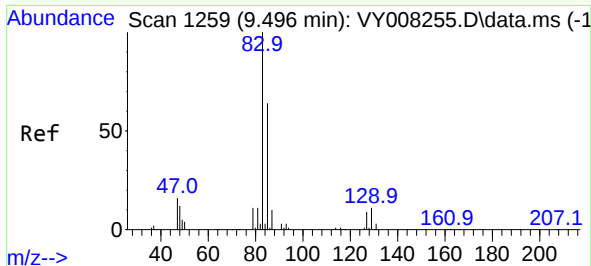
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

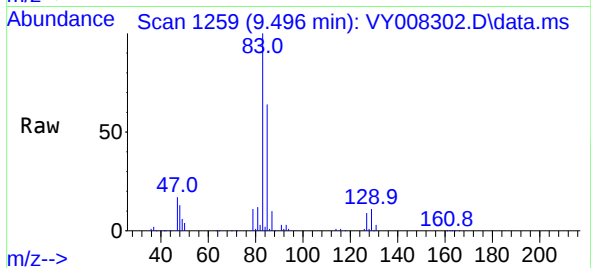
174 97.0 83.4 125.0





#47
Bromodichloromethane
Concen: 51.587 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

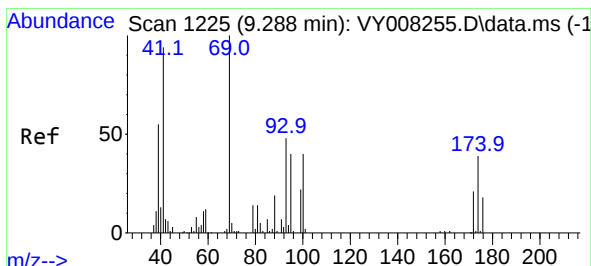
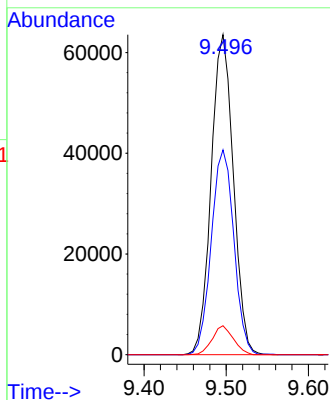
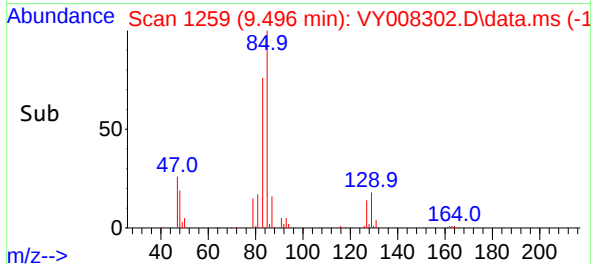
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



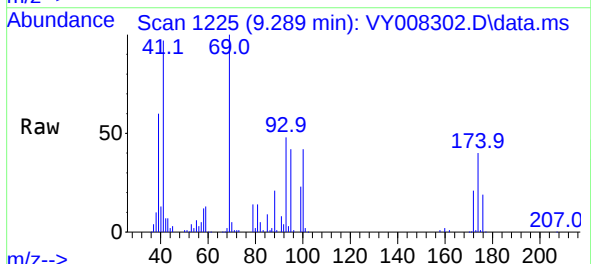
Tgt Ion: 83 Resp: 119130
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 9.0 6.6 10.0

Manual Integrations
APPROVED

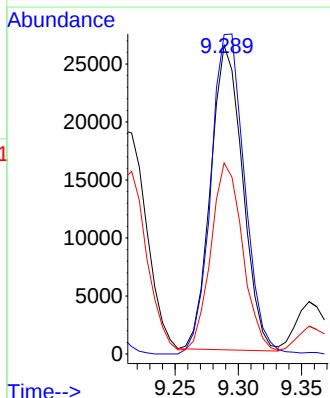
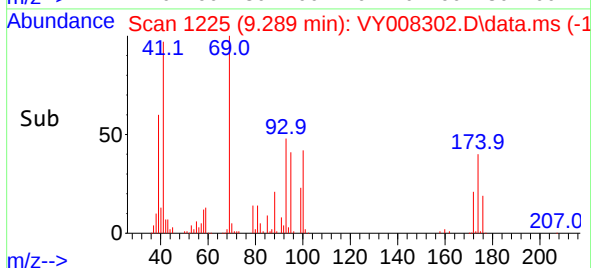
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

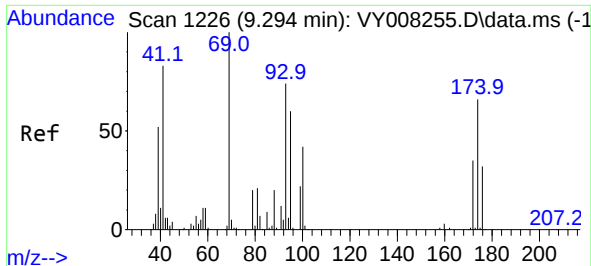


#48
Methyl methacrylate
Concen: 53.203 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



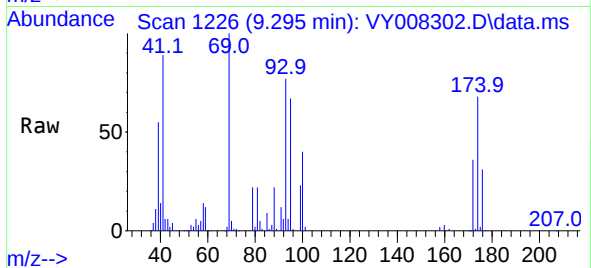
Tgt Ion: 41 Resp: 46162
Ion Ratio Lower Upper
41 100
69 110.7 58.2 87.2#
39 63.7 47.4 71.0





#49
1,4-Dioxane
Concen: 1210.227 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

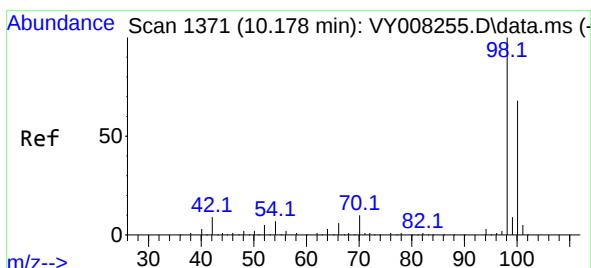
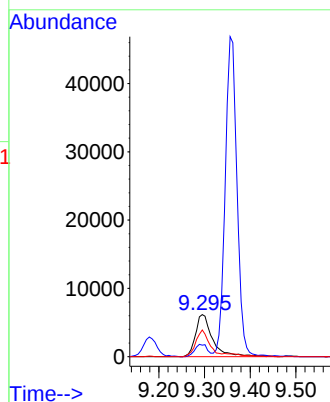
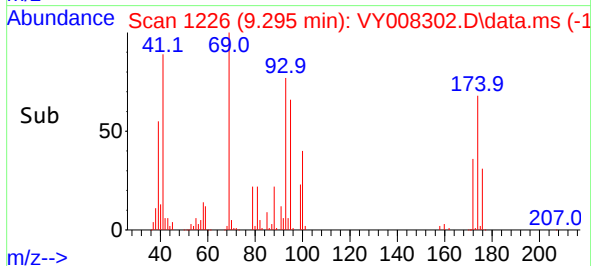
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



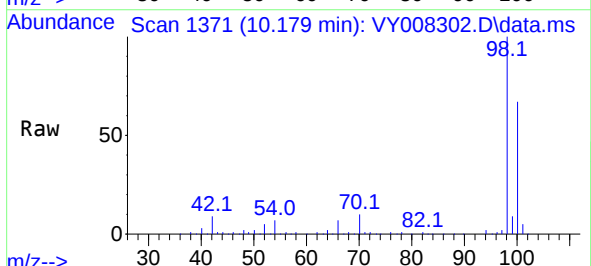
Tgt Ion: 88 Resp: 16038
Ion Ratio Lower Upper
88 100
43 21.5 32.8 49.2
58 58.3 59.8 89.6

Manual Integrations
APPROVED

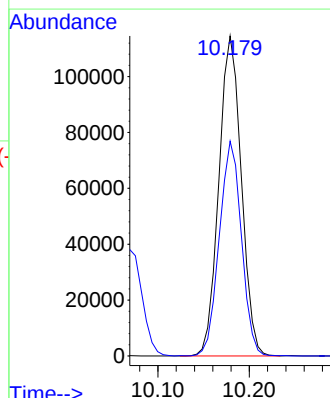
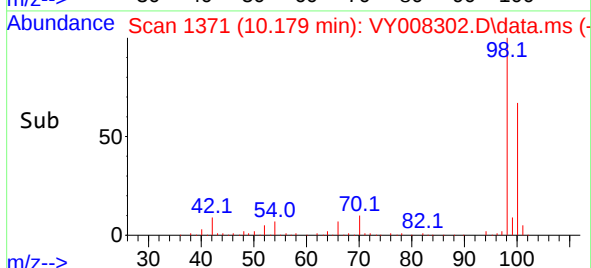
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

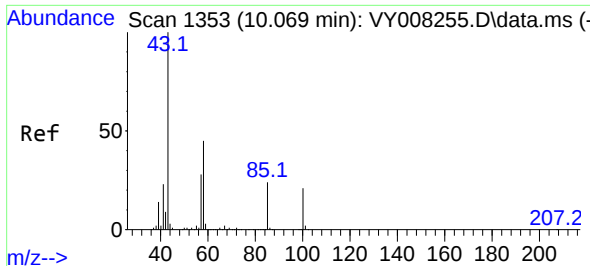


#50
Toluene-d8
Concen: 42.816 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



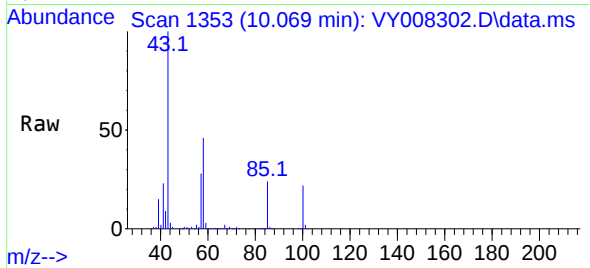
Tgt Ion: 98 Resp: 195685
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 277.012 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

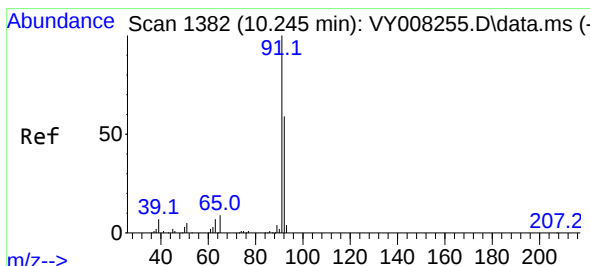
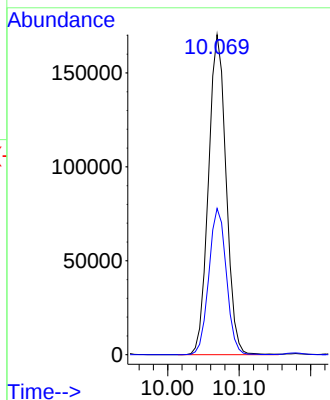
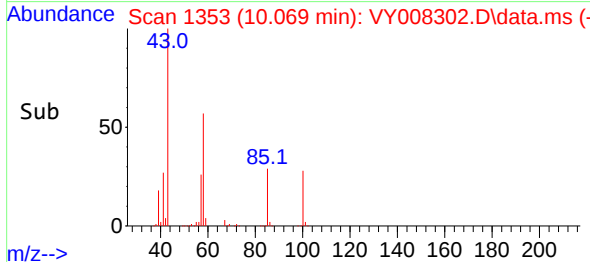
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



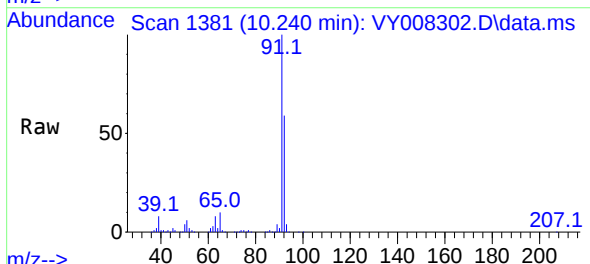
Tgt Ion: 43 Resp: 291948
Ion Ratio Lower Upper
43 100
58 45.3 28.1 42.1

Manual Integrations
APPROVED

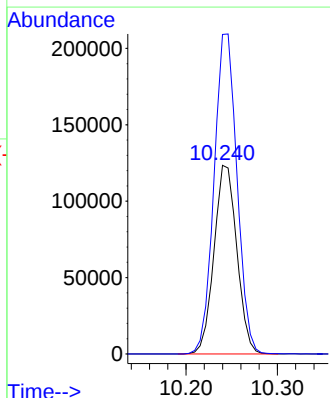
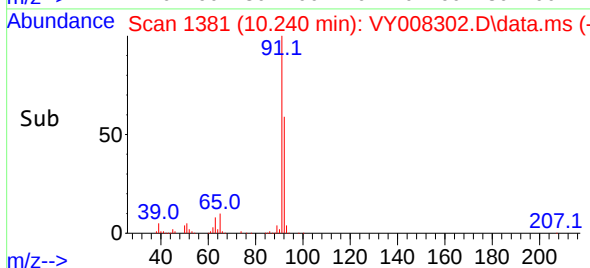
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

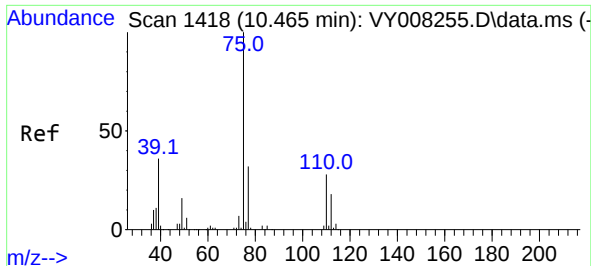


#52
Toluene
Concen: 51.149 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



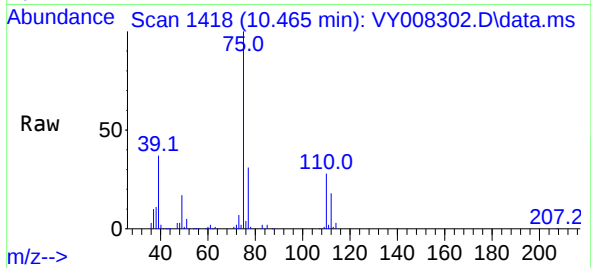
Tgt Ion: 92 Resp: 214035
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 53.183 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53

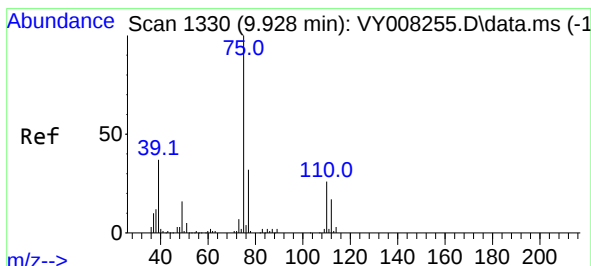
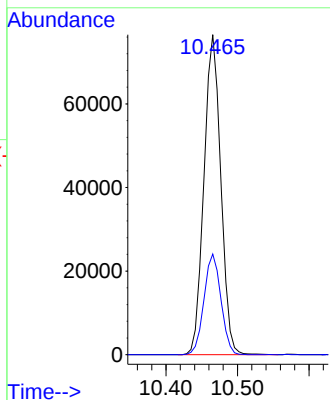
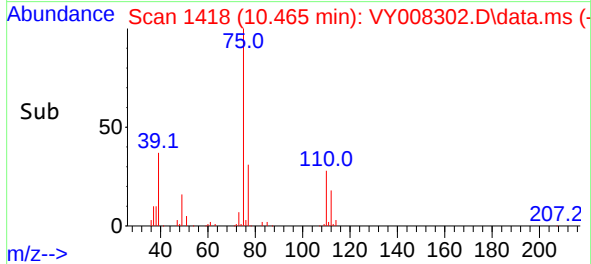
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



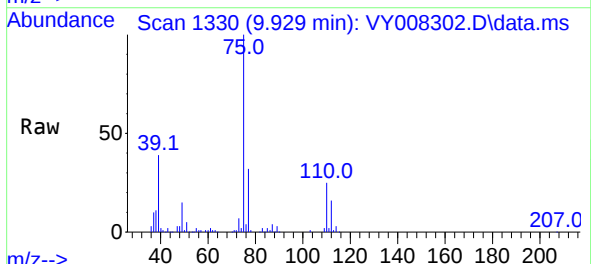
Tgt Ion: 75 Resp: 12517
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

Manual Integrations
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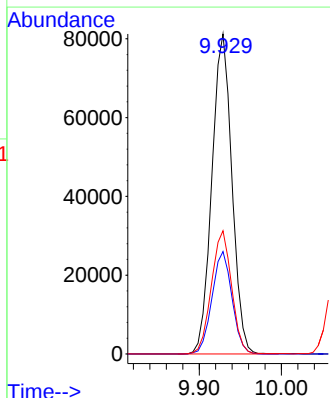
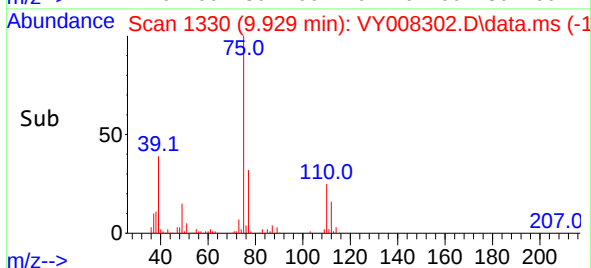
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022

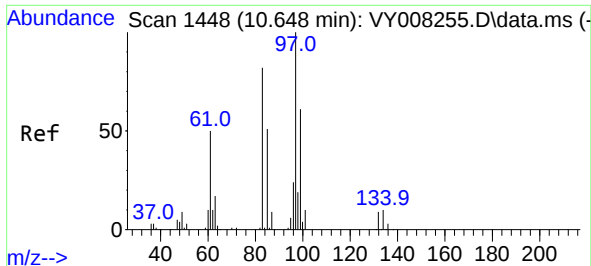


#54
 cis-1,3-Dichloropropene
 Concen: 51.803 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.001 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53



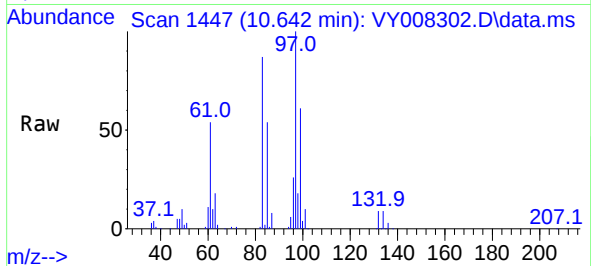
Tgt Ion: 75 Resp: 137553
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 38.5 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 52.305 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

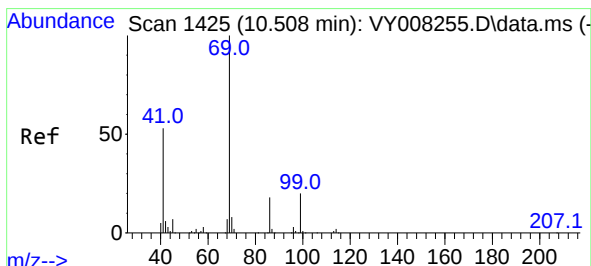
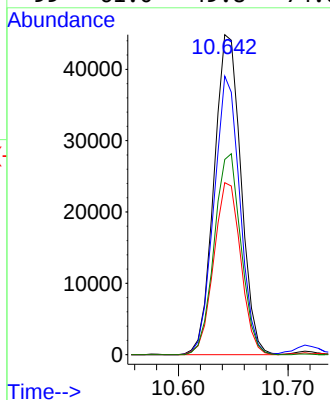
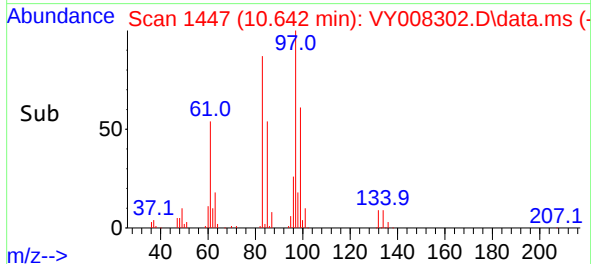
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



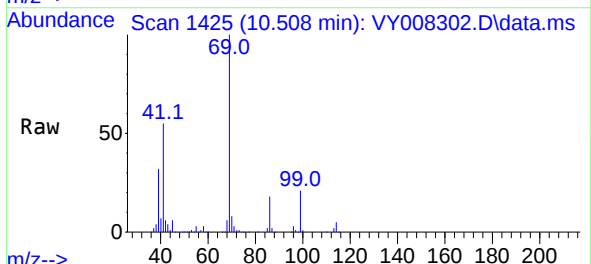
Tgt Ion: 97 Resp: 76619
Ion Ratio Lower Upper
97 100
83 87.1 69.8 104.8
85 53.8 44.3 66.5
99 61.0 49.8 74.6

Manual Integrations
APPROVED

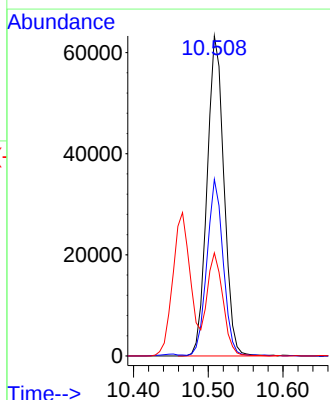
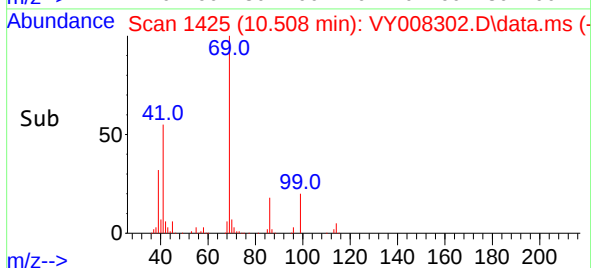
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

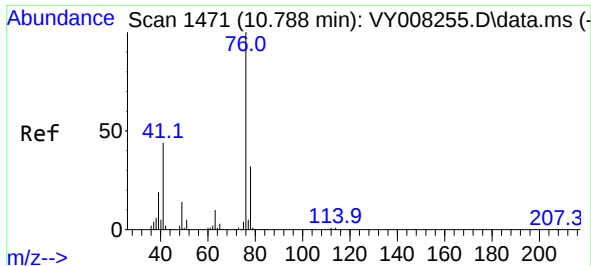


#56
Ethyl methacrylate
Concen: 55.320 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion: 69 Resp: 99351
Ion Ratio Lower Upper
69 100
41 53.5 63.4 95.0#
39 30.0 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.506 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY008302.D

Acq: 13 Apr 2022 09:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 121159

Ion Ratio Lower Upper

76 100

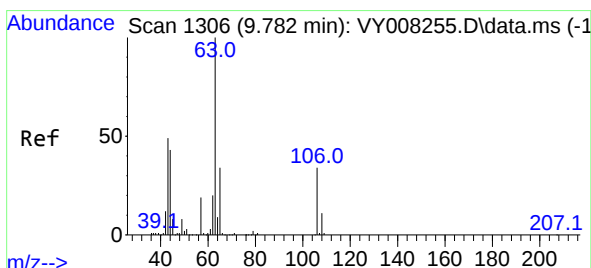
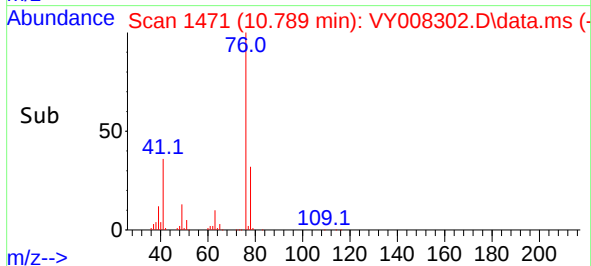
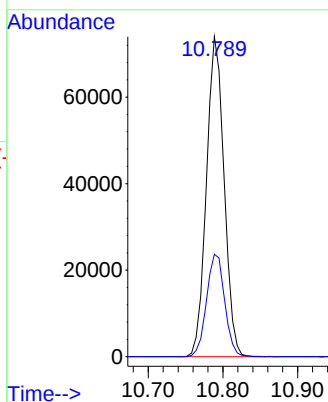
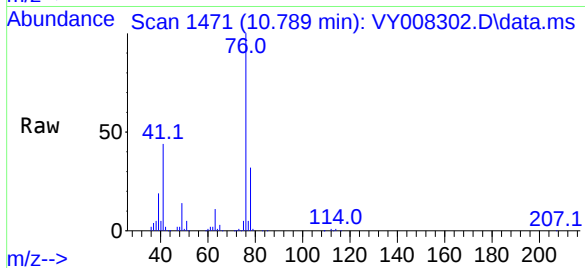
78 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2022

Supervised By :Mahesh Dadoda 04/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 243.515 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008302.D

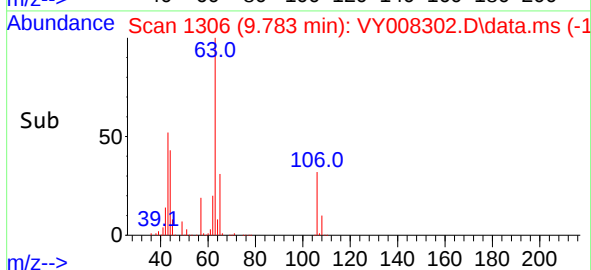
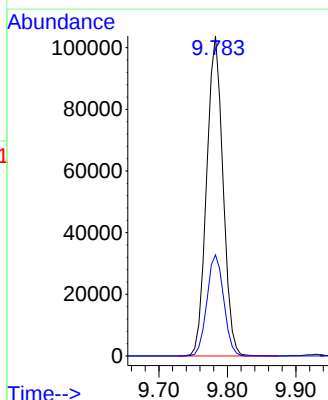
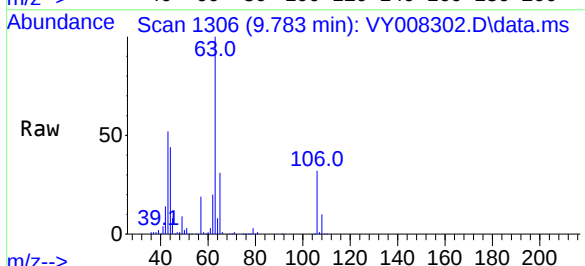
Acq: 13 Apr 2022 09:53

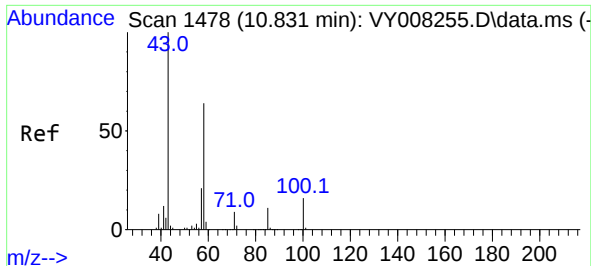
Tgt Ion: 63 Resp: 172268

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#





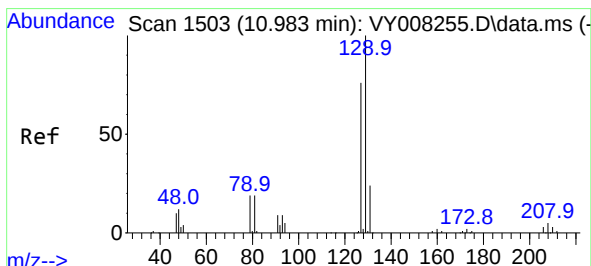
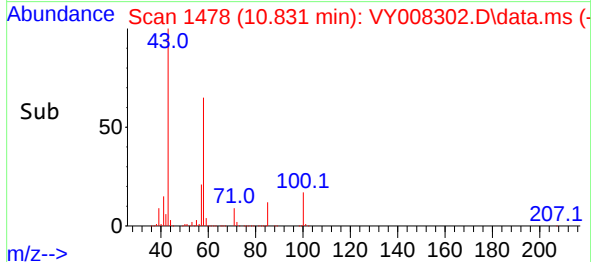
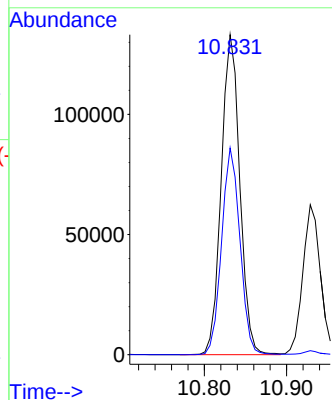
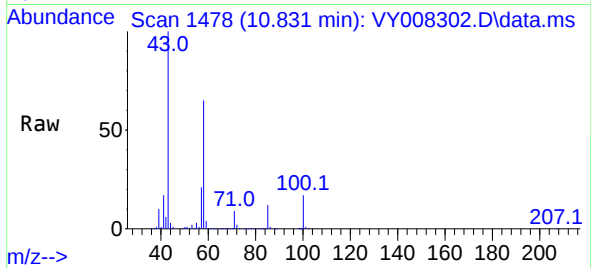
#59
2-Hexanone
Concen: 287.831 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 208734
Ion Ratio Lower Upper
43 100
58 63.9 24.4 73.4

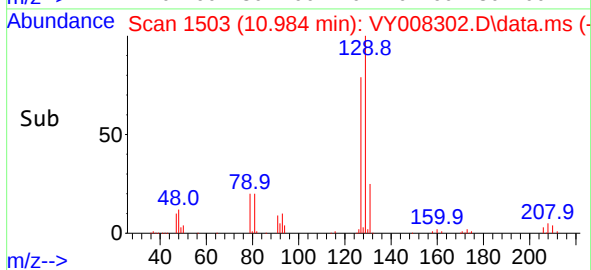
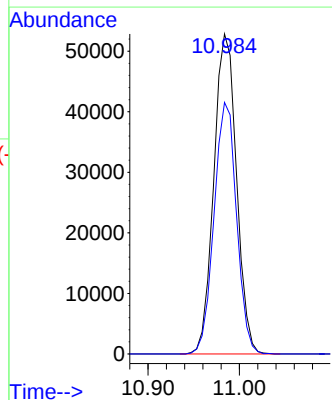
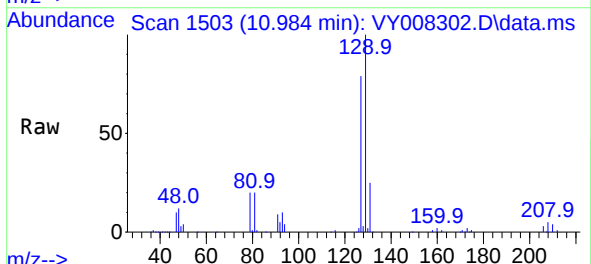
Manual Integrations
APPROVED

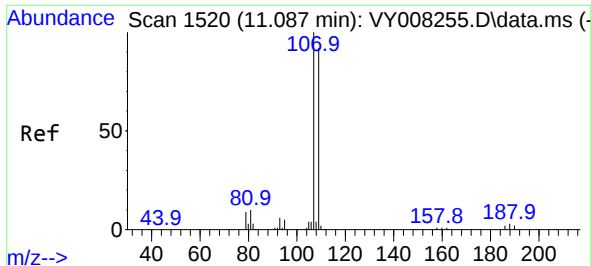
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
Dibromochloromethane
Concen: 53.230 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Tgt Ion:129 Resp: 91082
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





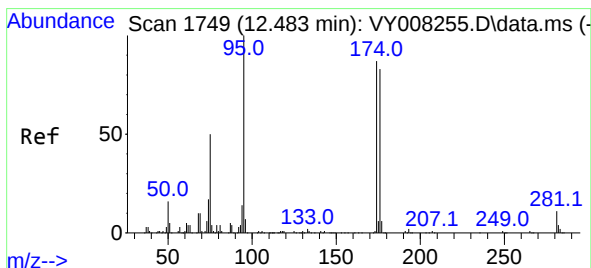
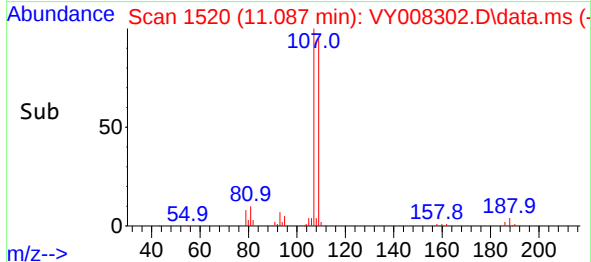
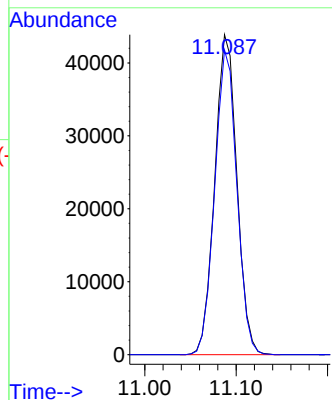
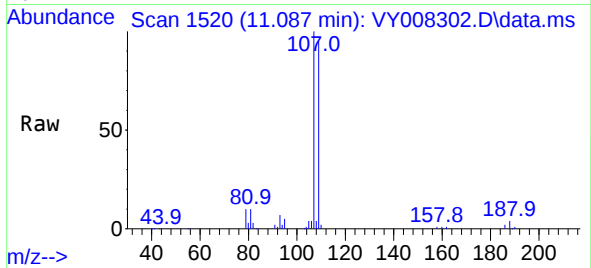
#61
1,2-Dibromoethane
Concen: 51.519 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 73784
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.2

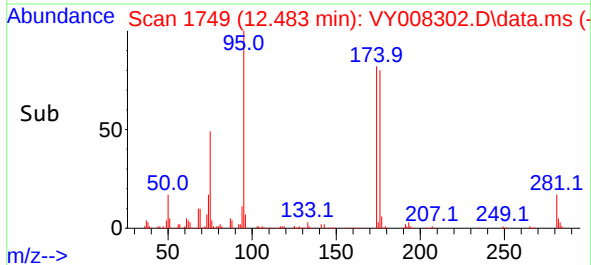
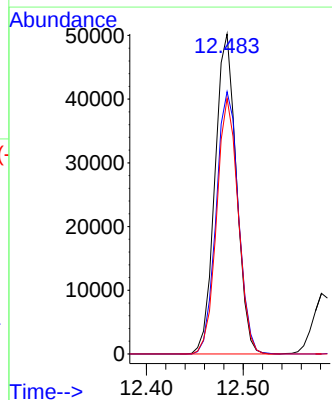
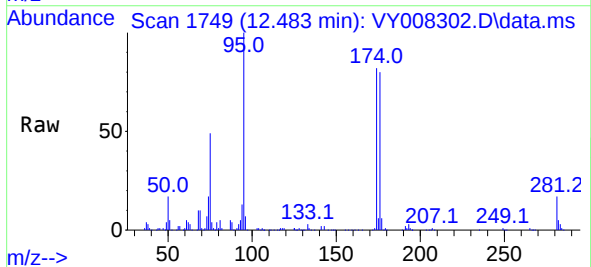
Manual Integrations
APPROVED

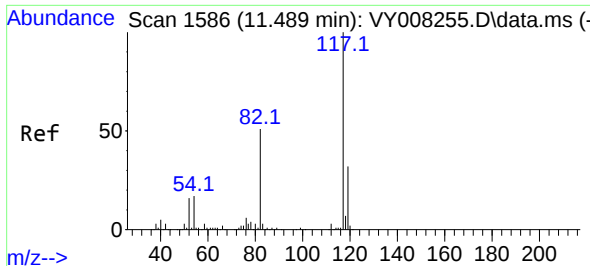
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#62
4-Bromofluorobenzene
Concen: 44.911 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

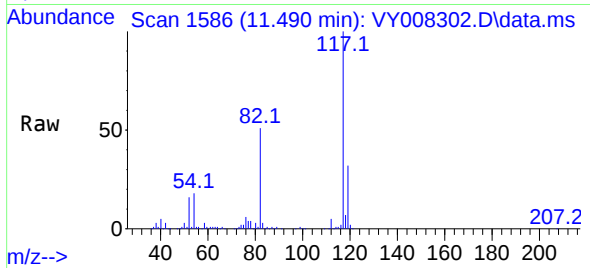
Tgt Ion: 95 Resp: 77203
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 79.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

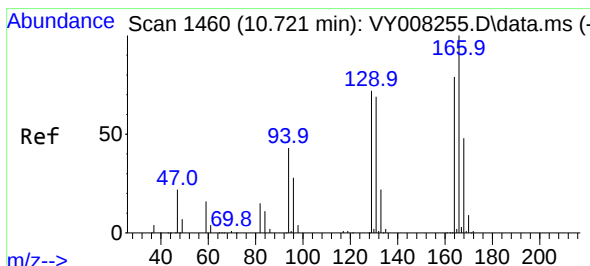
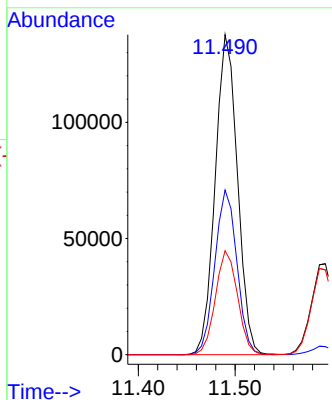
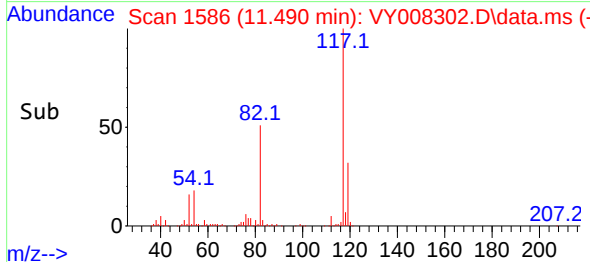
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



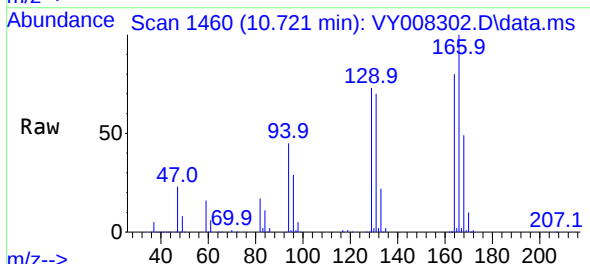
Tgt Ion:117 Resp: 21980
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

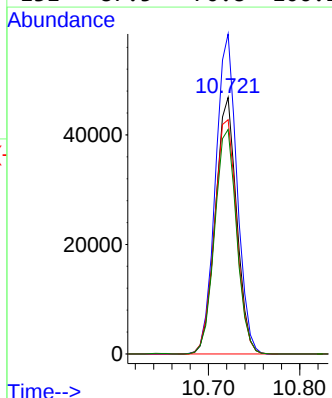
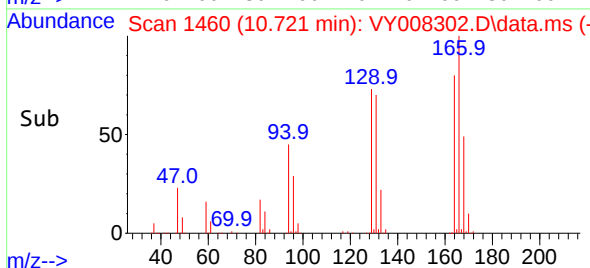
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

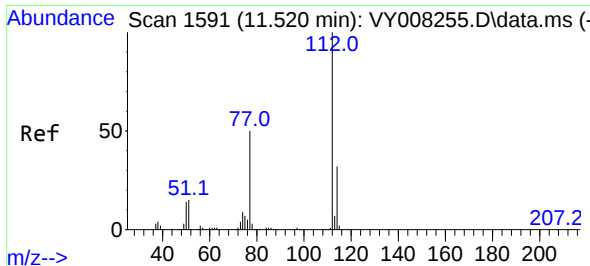


#64
Tetrachloroethene
Concen: 48.982 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



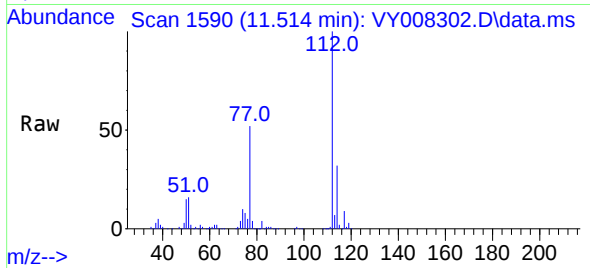
Tgt Ion:164 Resp: 75882
Ion Ratio Lower Upper
164 100
166 124.8 100.4 150.6
129 91.3 71.4 107.0
131 87.5 70.8 106.2





#65
Chlorobenzene
Concen: 50.764 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

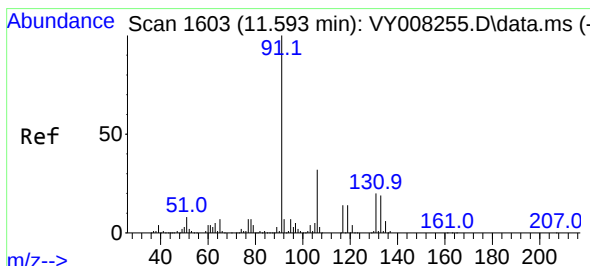
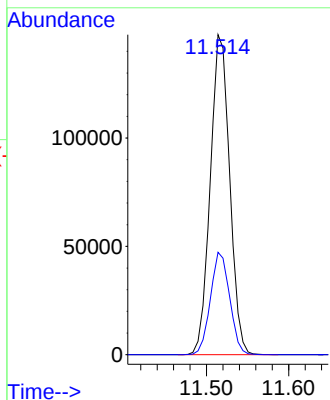
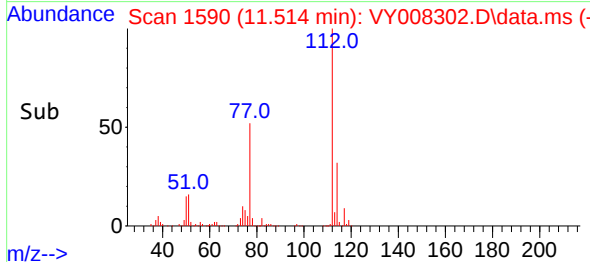
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



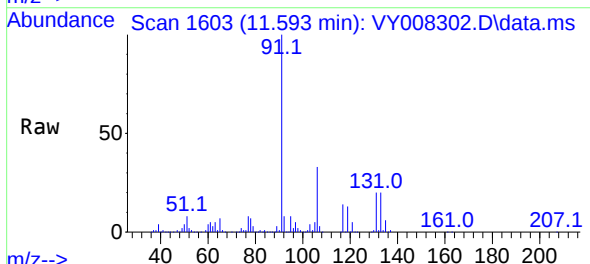
Tgt Ion:112 Resp: 24197
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Manual Integrations
APPROVED

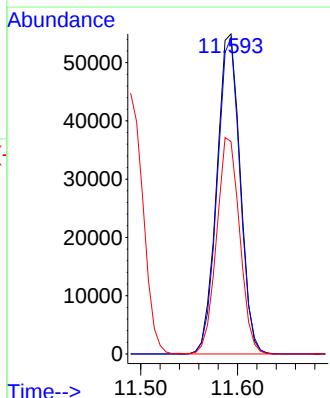
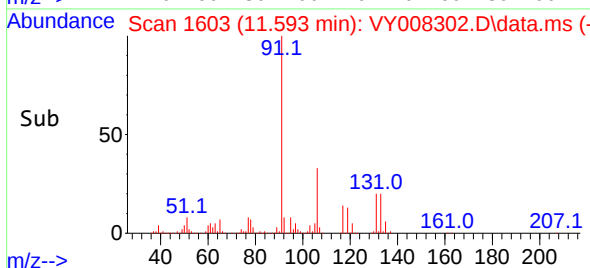
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

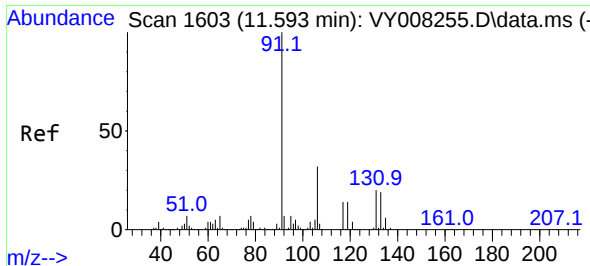


#66
1,1,1,2-Tetrachloroethane
Concen: 51.857 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



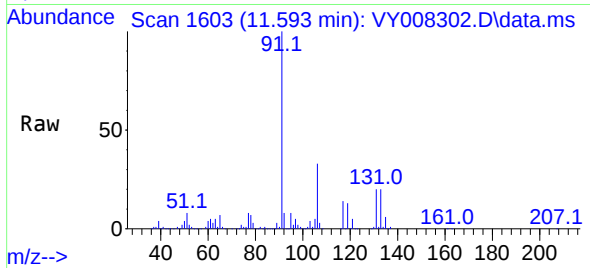
Tgt Ion:131 Resp: 92240
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 66.7 30.8 92.3





#67
Ethyl Benzene
Concen: 51.996 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

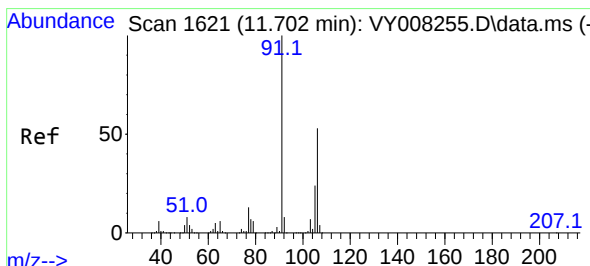
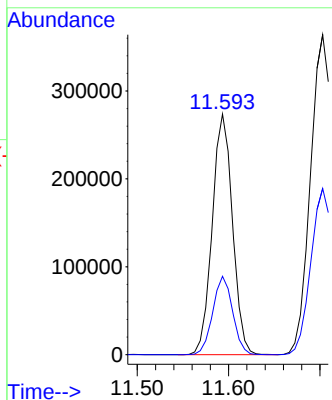
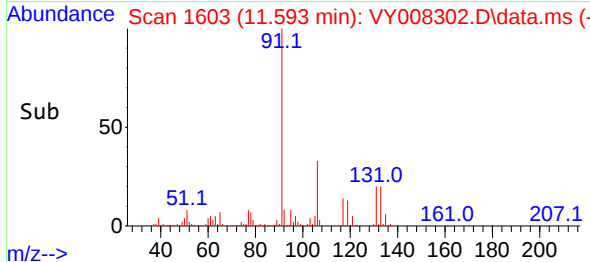
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



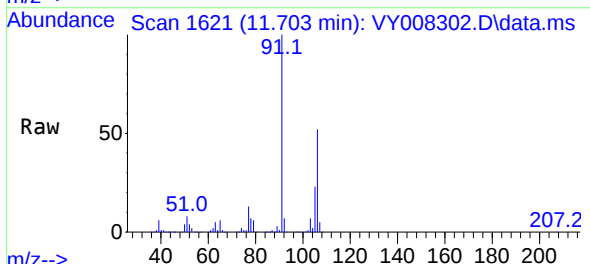
Tgt Ion: 91 Resp: 421480
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

Manual Integrations
APPROVED

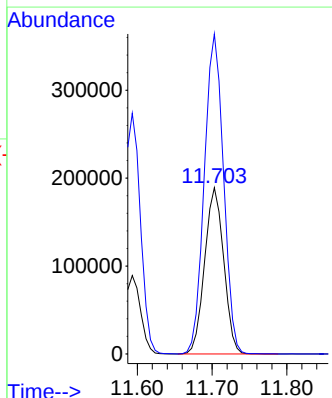
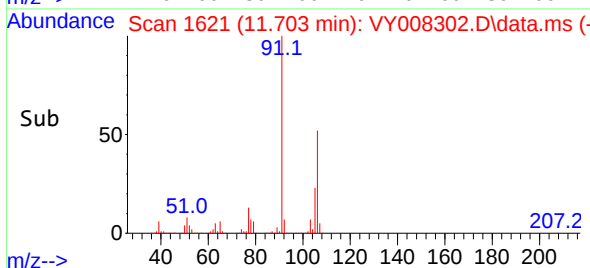
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

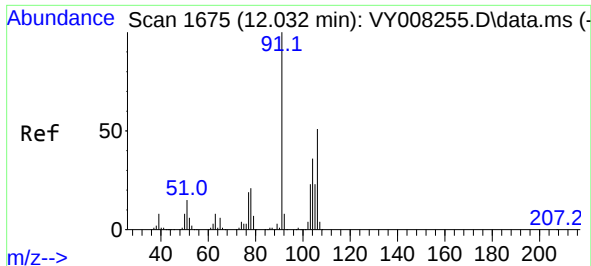


#68
m/p-Xylenes
Concen: 104.046 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



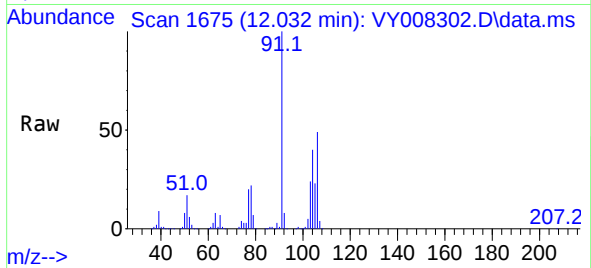
Tgt Ion:106 Resp: 335433
Ion Ratio Lower Upper
106 100
91 193.7 166.6 249.8





#69
o-Xylene
Concen: 51.546 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

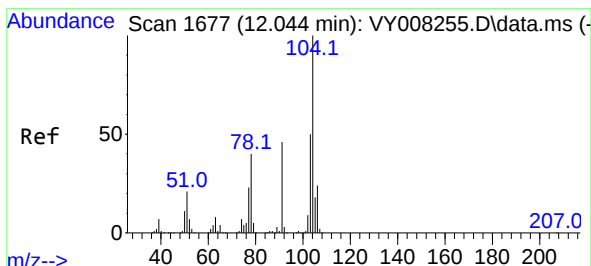
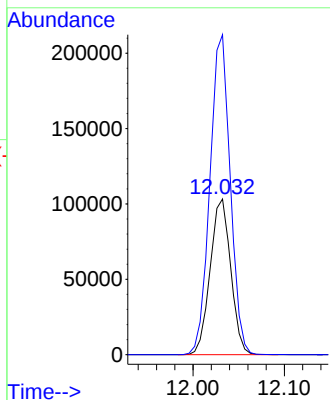
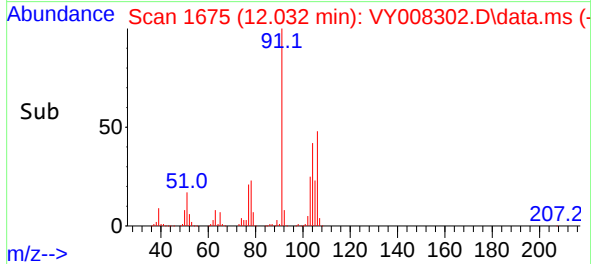
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



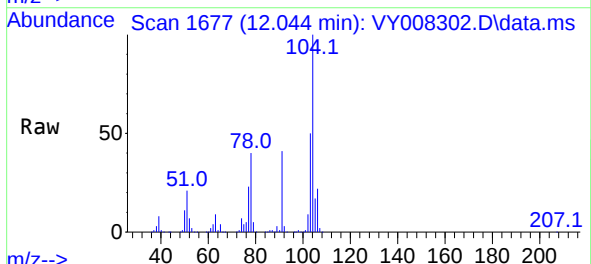
Tgt Ion:106 Resp: 161264
Ion Ratio Lower Upper
106 100
91 203.3 110.3 331.0

Manual Integrations
APPROVED

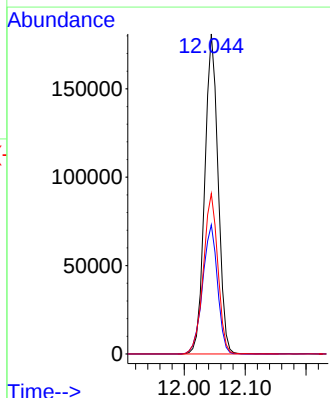
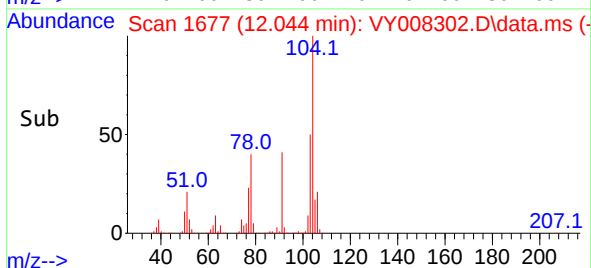
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

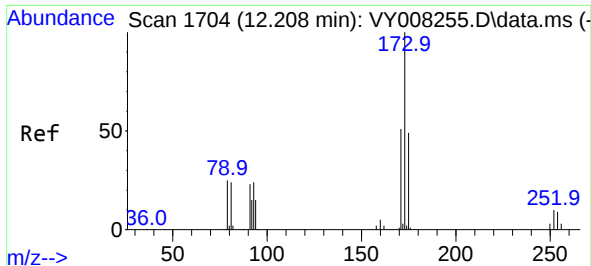


#70
Styrene
Concen: 53.429 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion:104 Resp: 275674
Ion Ratio Lower Upper
104 100
78 44.7 42.4 63.6
103 54.2 44.4 66.6





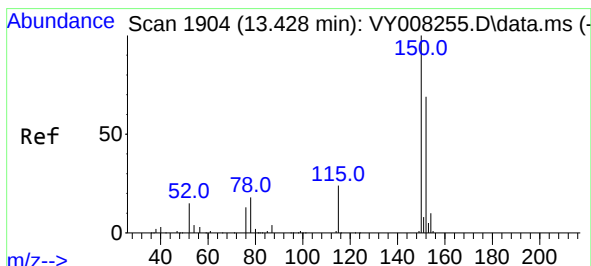
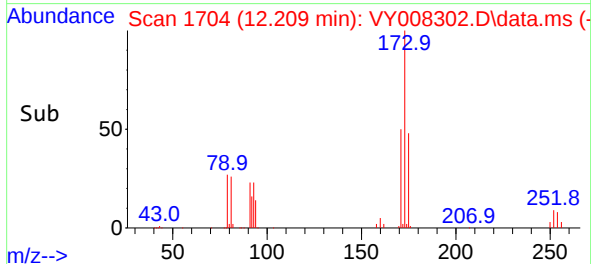
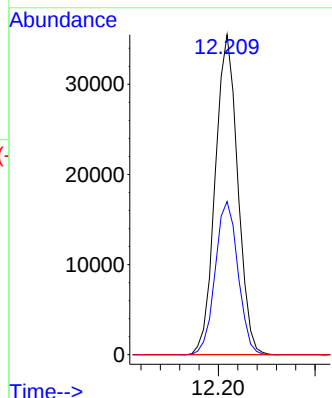
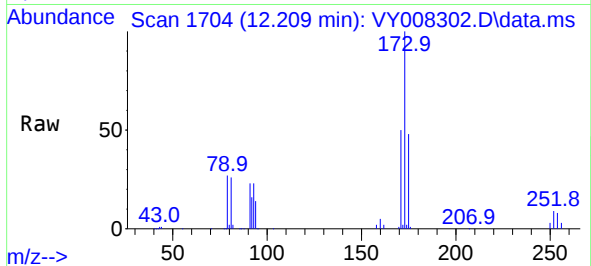
#71
Bromoform
Concen: 53.436 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 57294
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.0 0.0 0.0

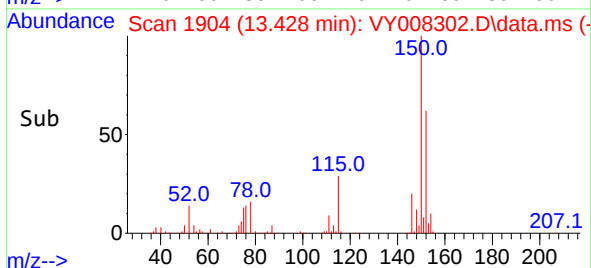
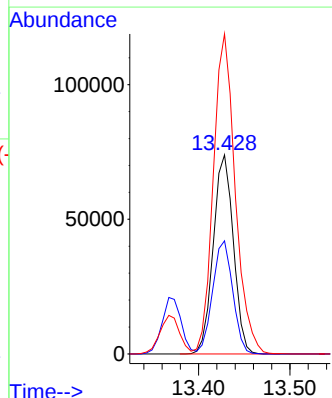
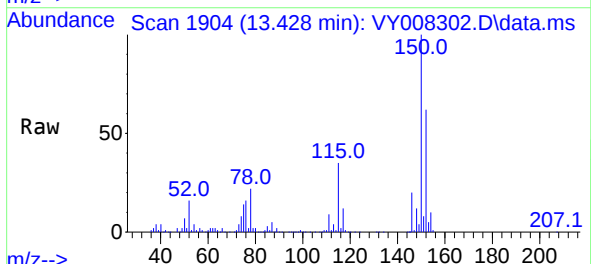
Manual Integrations
APPROVED

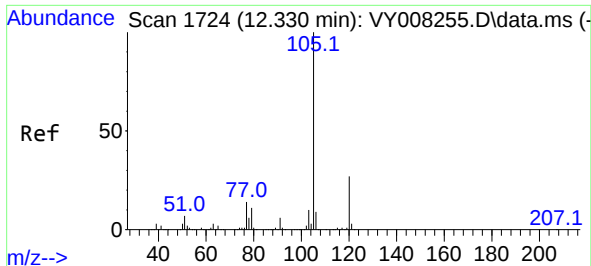
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

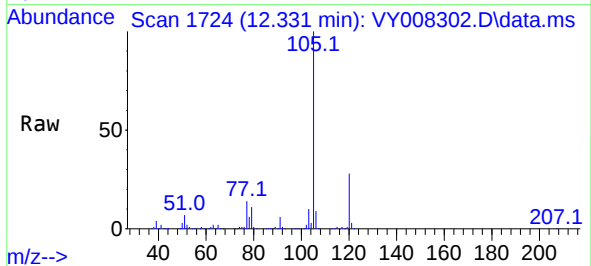
Tgt Ion:152 Resp: 112834
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 175.5 0.0 347.6





#73
Isopropylbenzene
Concen: 50.968 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

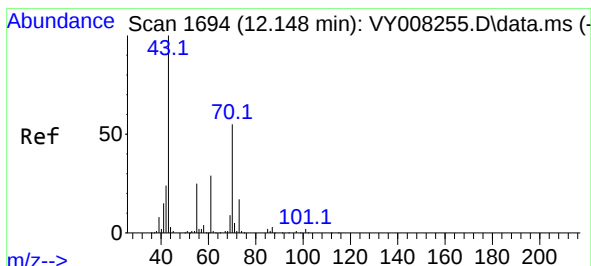
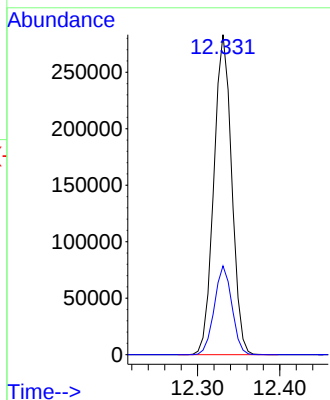
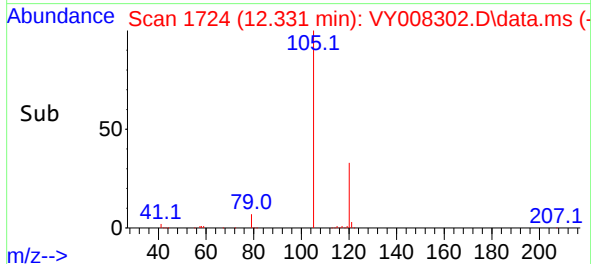
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



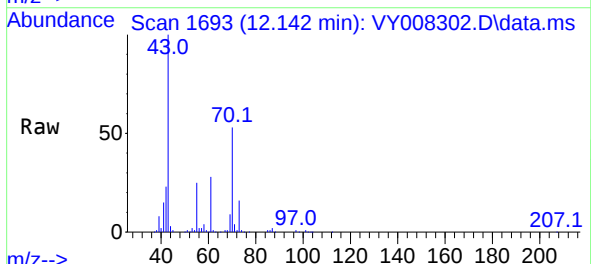
Tgt Ion:105 Resp: 427570
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

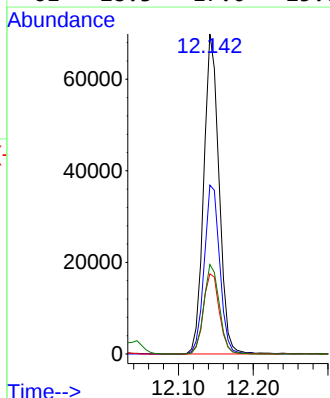
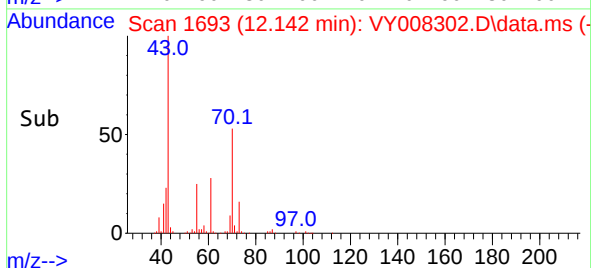
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

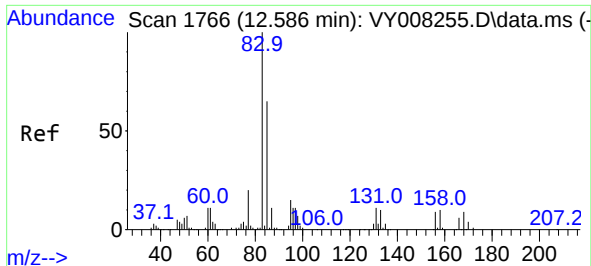


#74
N-ethyl acetate
Concen: 54.321 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



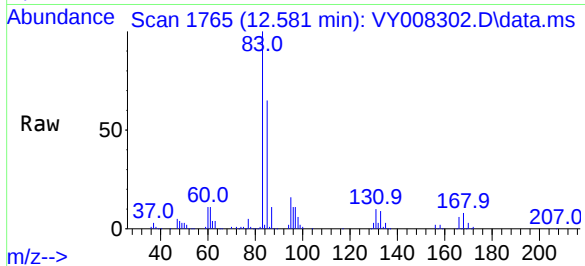
Tgt Ion: 43 Resp: 98935
Ion Ratio Lower Upper
43 100
70 53.7 28.7 43.1#
55 26.5 17.3 25.9#
61 28.3 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.561 ug/l
RT: 12.581 min Scan# 1766
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

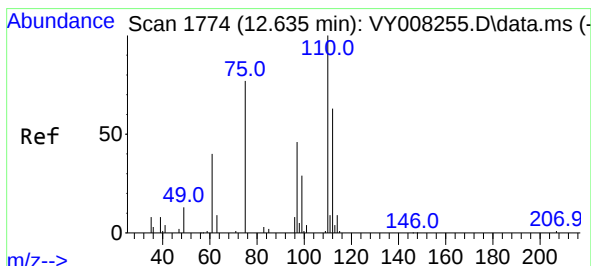
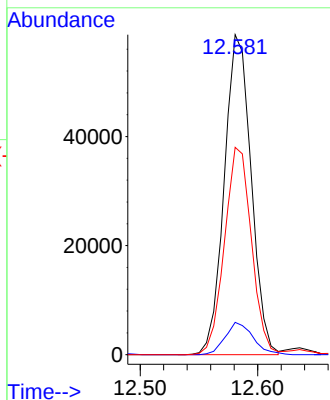
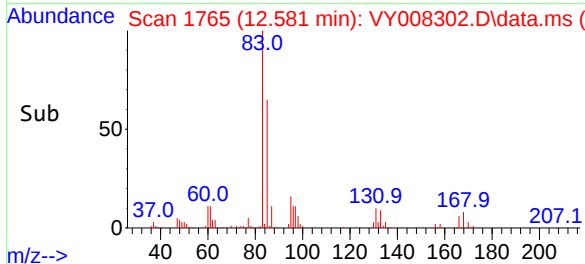
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



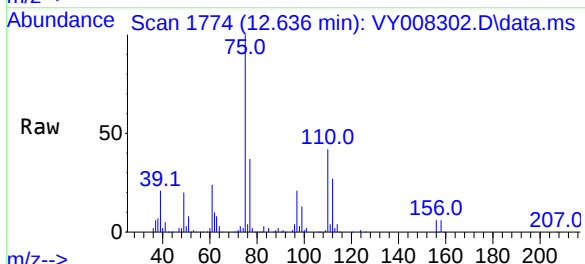
Tgt Ion: 83 Resp: 9330
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
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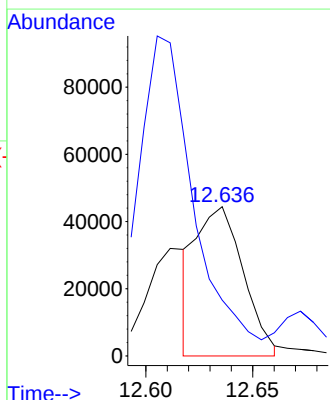
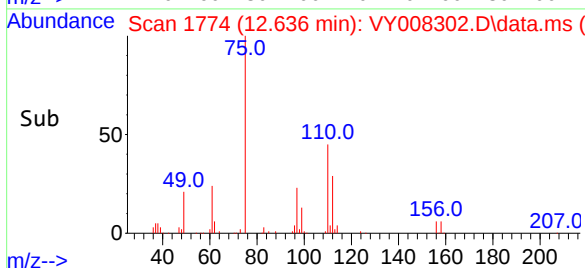
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

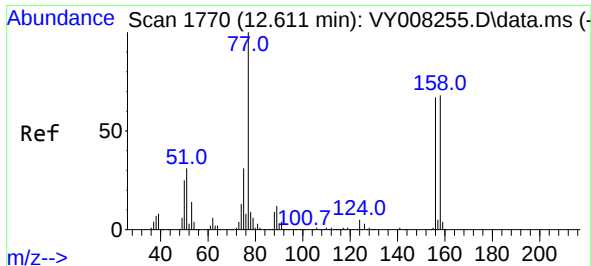


#76
1,2,3-Trichloropropane
Concen: 54.578 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion: 75 Resp: 68109
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





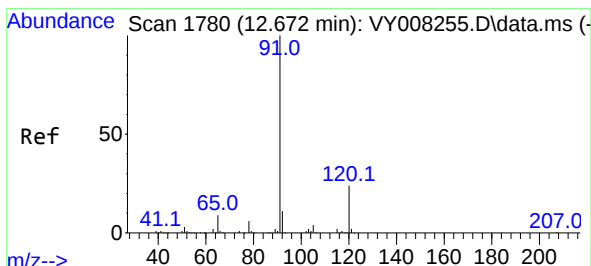
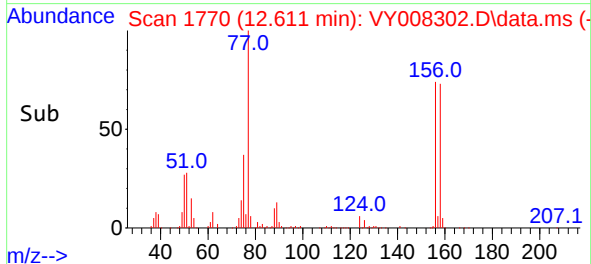
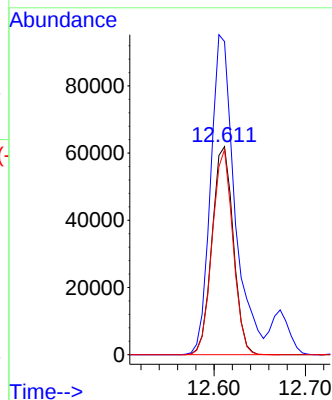
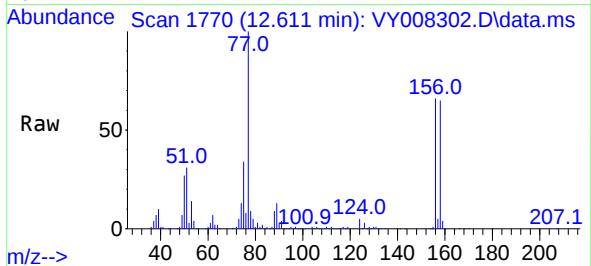
#77
Bromobenzene
Concen: 48.642 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 9999
Ion Ratio Lower Upper
156 100
77 174.5 95.5 286.4
158 95.8 48.0 144.0

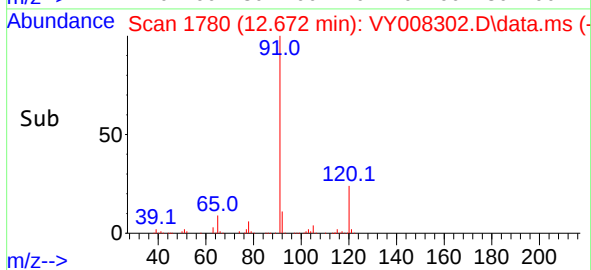
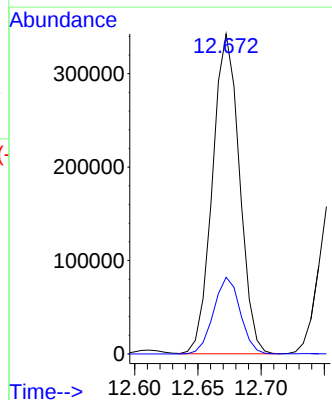
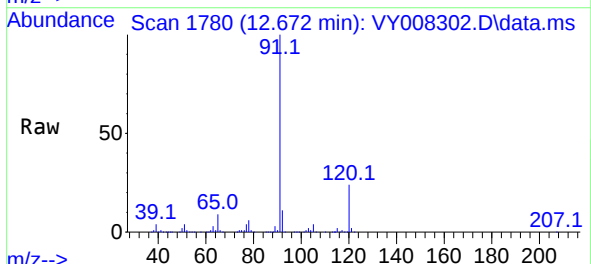
Manual Integrations
APPROVED

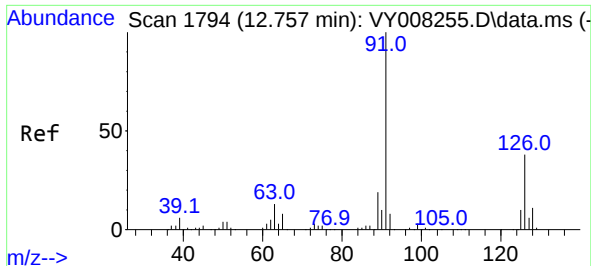
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#78
n-propylbenzene
Concen: 51.304 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Tgt Ion: 91 Resp: 507859
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9





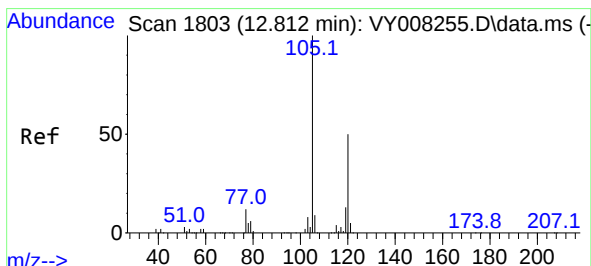
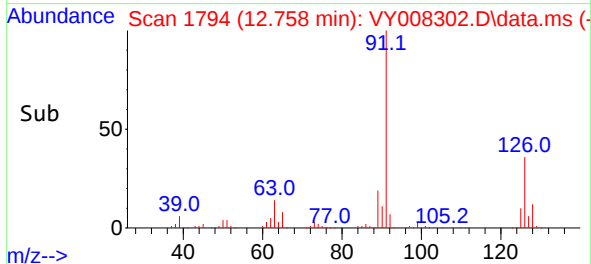
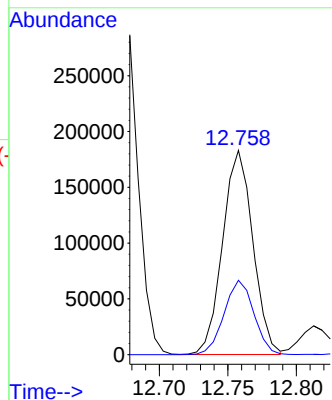
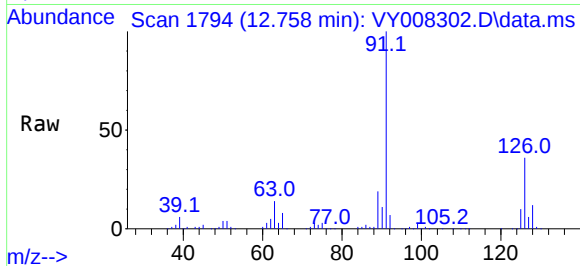
#79
2-Chlorotoluene
Concen: 50.532 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 280720
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6

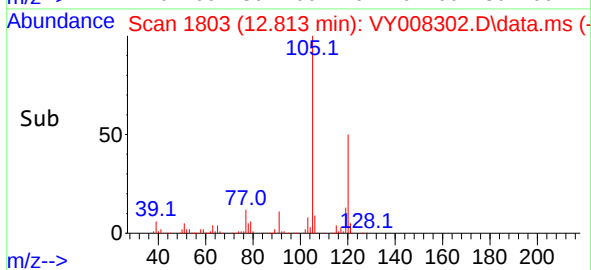
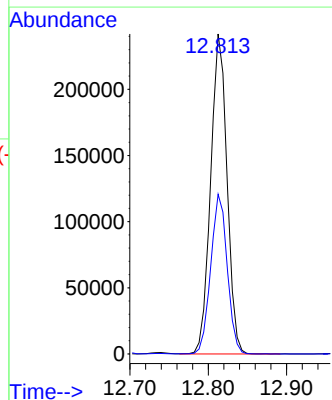
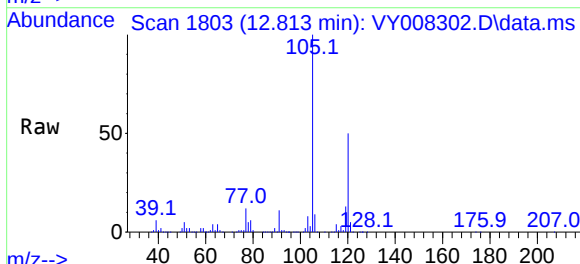
Manual Integrations
APPROVED

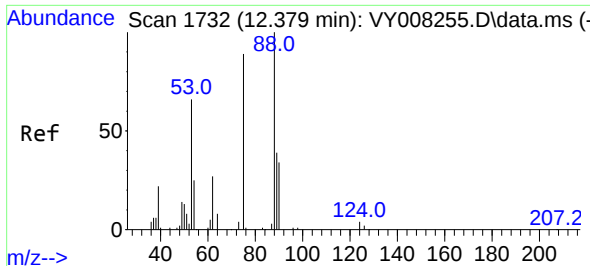
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.970 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

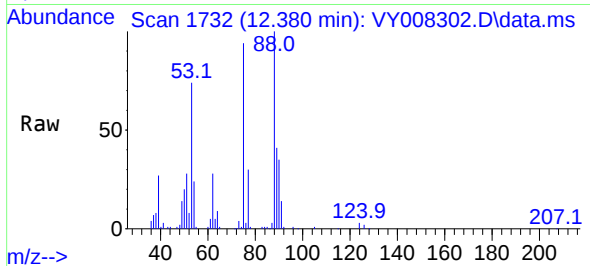
Tgt Ion:105 Resp: 350616
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 55.419 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

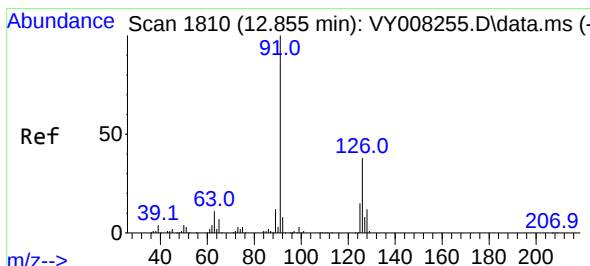
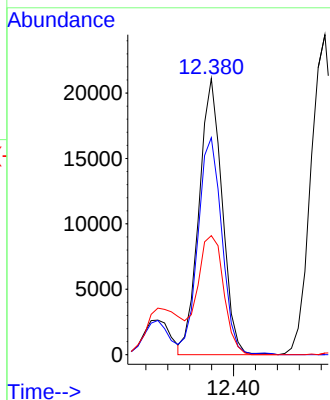
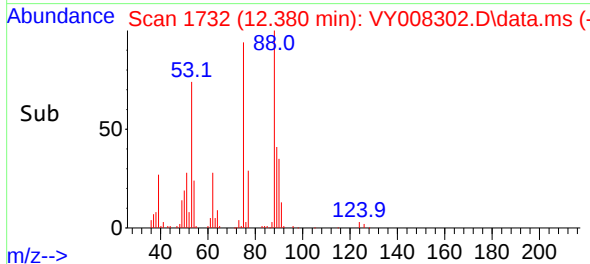
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



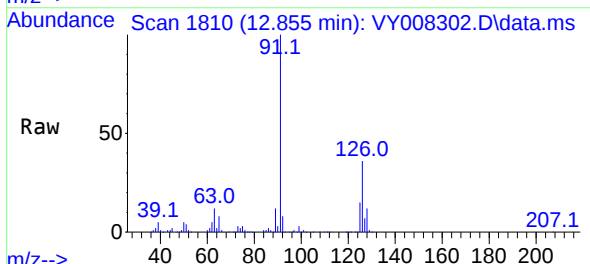
Tgt Ion: 75 Resp: 30905
Ion Ratio Lower Upper
75 100
53 81.2 85.3 127.9
89 48.8 37.0 55.4

Manual Integrations
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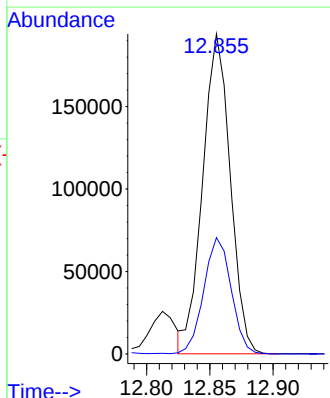
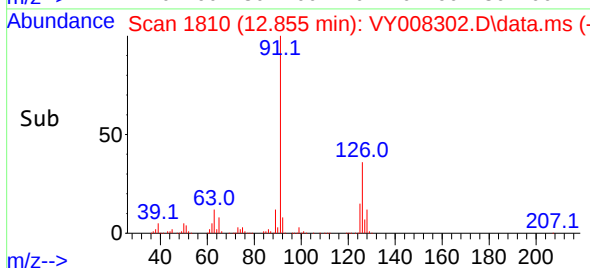
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

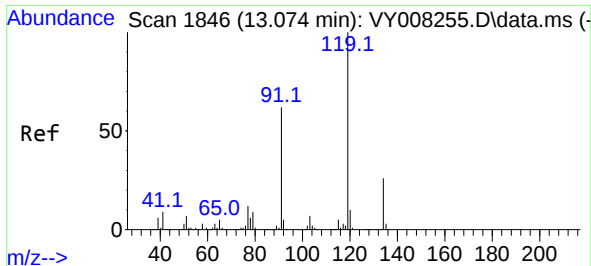


#82
4-Chlorotoluene
Concen: 51.501 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



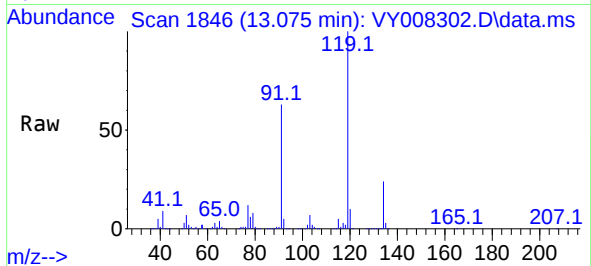
Tgt Ion: 91 Resp: 294023
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 51.470 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

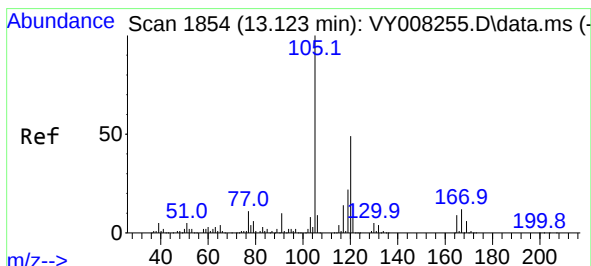
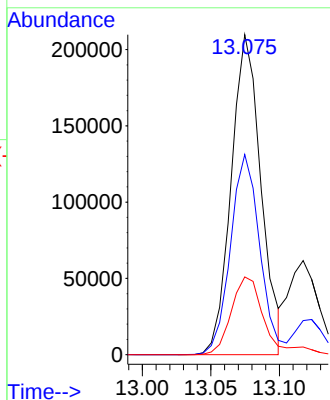
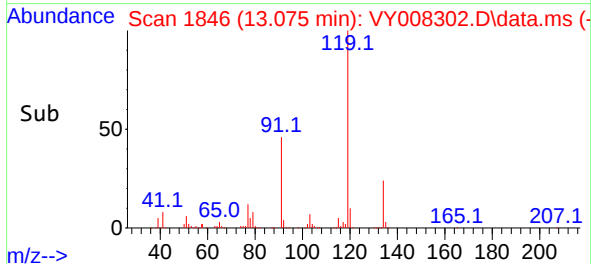
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



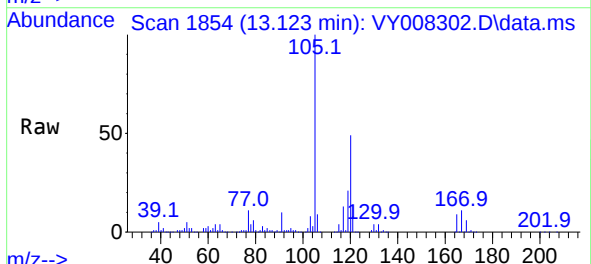
Tgt Ion:119 Resp: 317620
Ion Ratio Lower Upper
119 100
91 61.9 34.8 104.4
134 27.1 13.3 39.9

Manual Integrations
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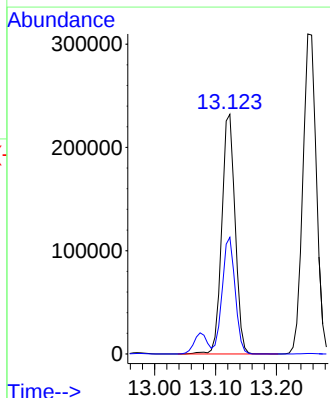
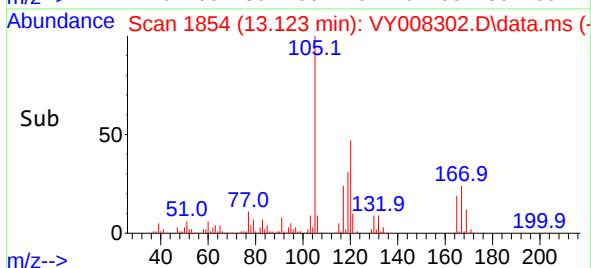
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

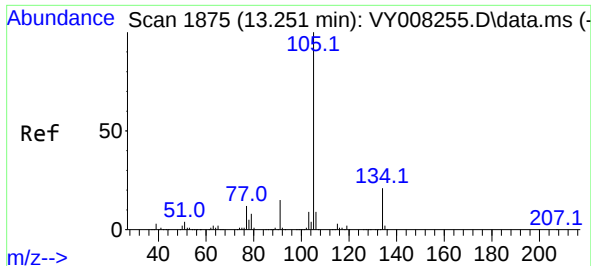


#84
1,2,4-Trimethylbenzene
Concen: 51.662 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion:105 Resp: 351693
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9





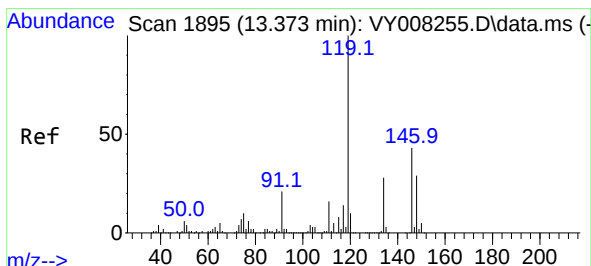
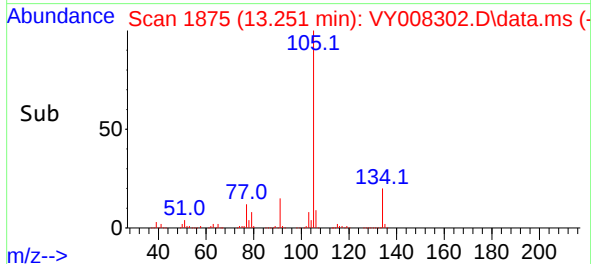
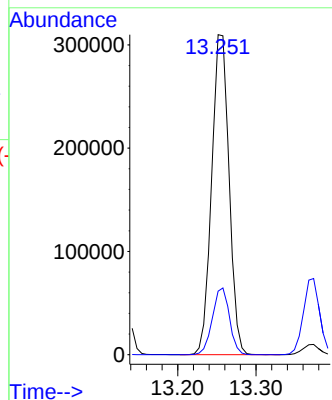
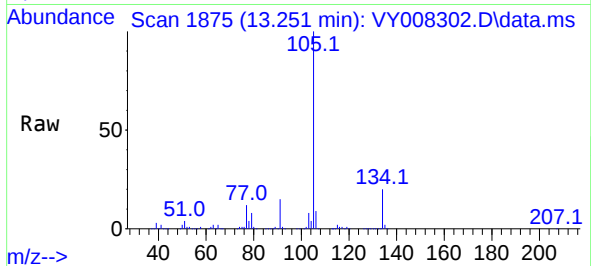
#85
 sec-Butylbenzene
 Concen: 52.187 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 477454
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

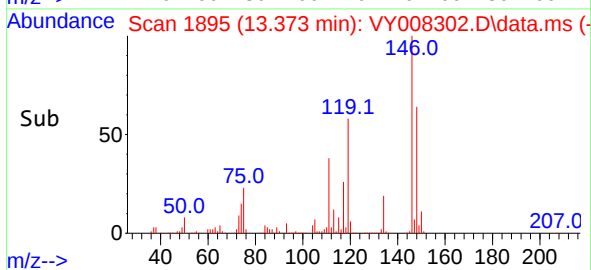
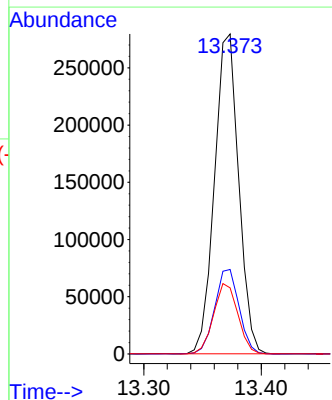
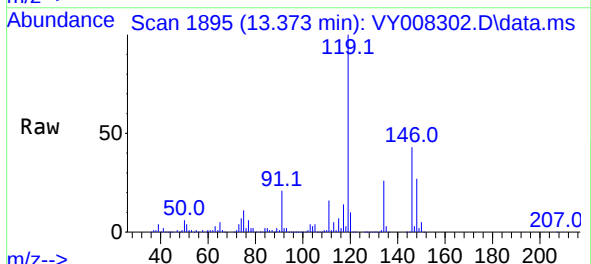
Manual Integrations
 APPROVED

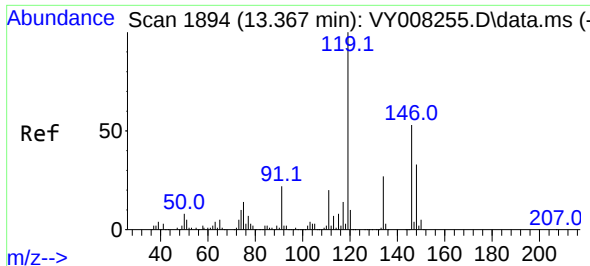
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#86
 p-Isopropyltoluene
 Concen: 52.351 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008302.D
 Acq: 13 Apr 2022 09:53

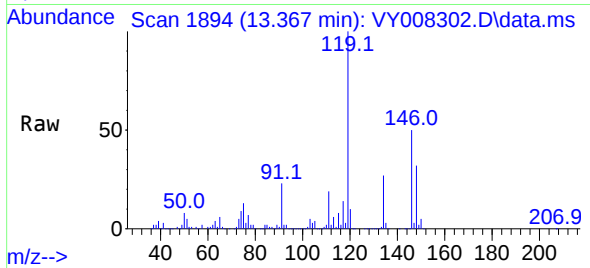
Tgt Ion:119 Resp: 399682
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 22.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.945 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

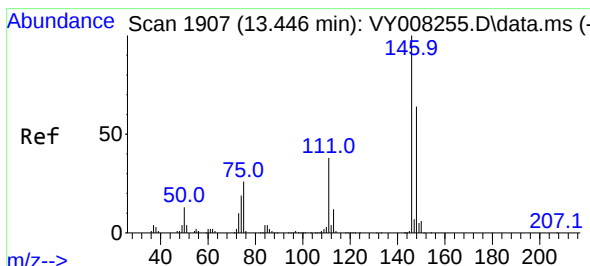
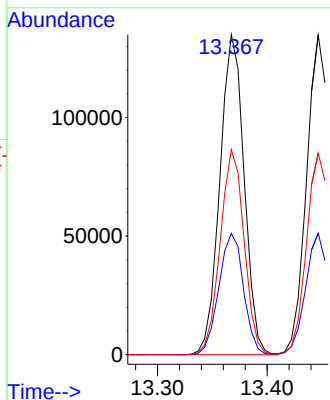
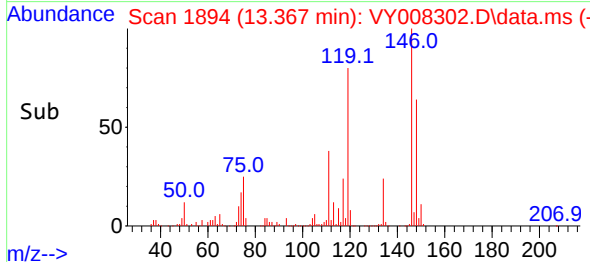
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



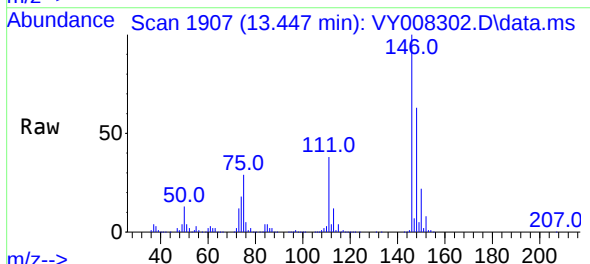
Tgt Ion:146 Resp: 207415
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.3 31.6 95.0

Manual Integrations
APPROVED

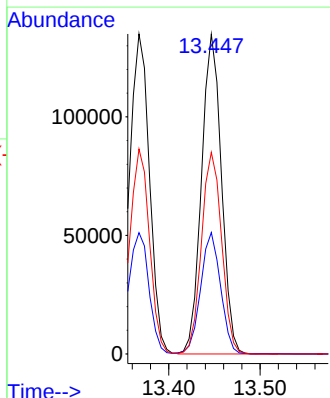
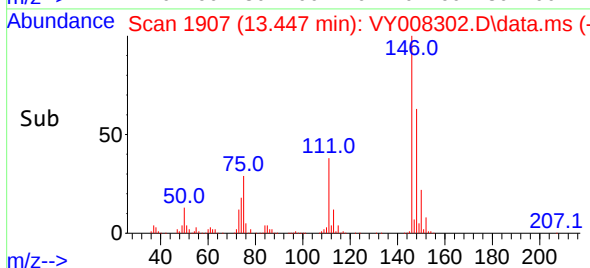
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

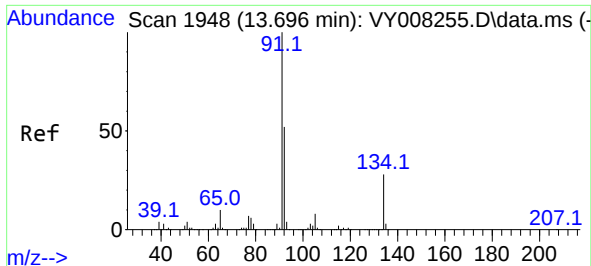


#88
1,4-Dichlorobenzene
Concen: 50.553 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion:146 Resp: 203701
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 63.8 32.6 97.8





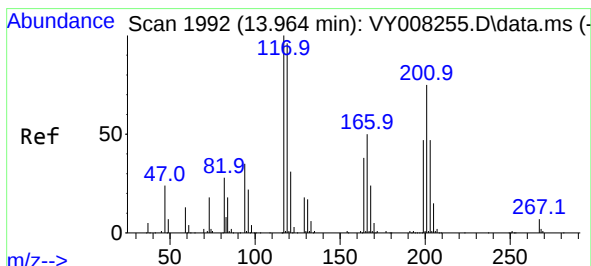
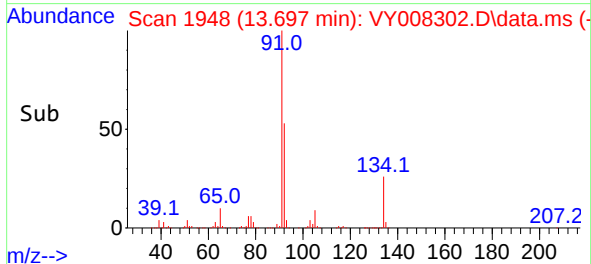
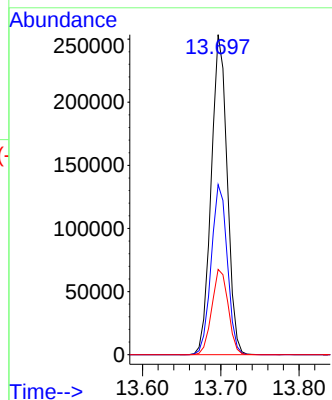
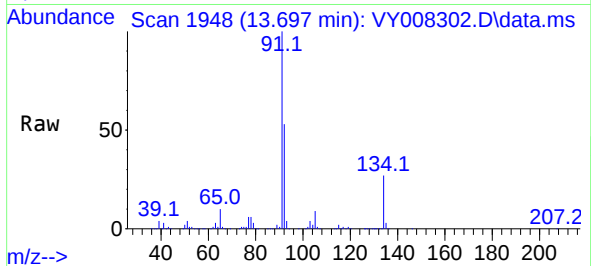
#89
n-Butylbenzene
Concen: 51.971 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 358480
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 27.3 13.0 38.9

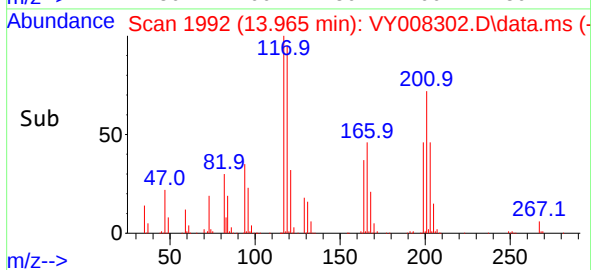
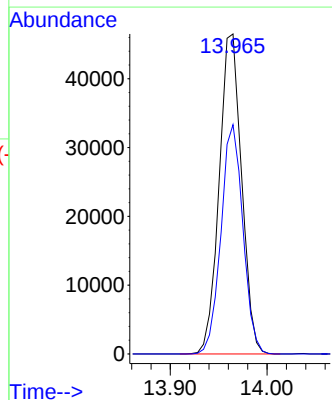
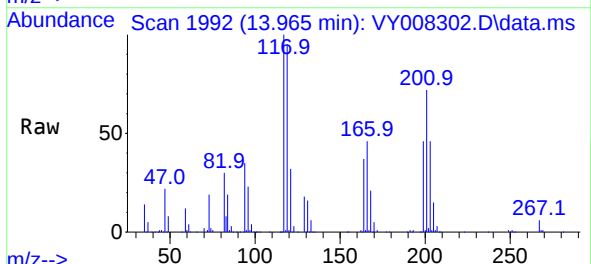
Manual Integrations
APPROVED

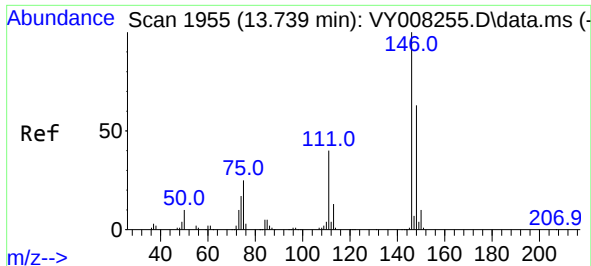
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#90
Hexachloroethane
Concen: 52.415 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

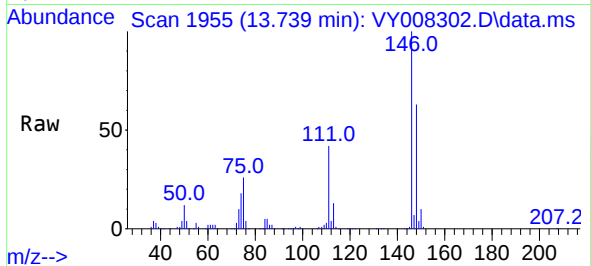
Tgt Ion:117 Resp: 74794
Ion Ratio Lower Upper
117 100
201 69.9 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 50.326 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

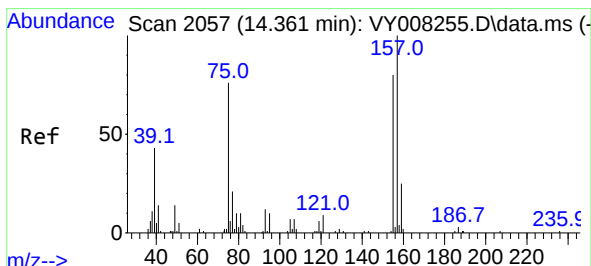
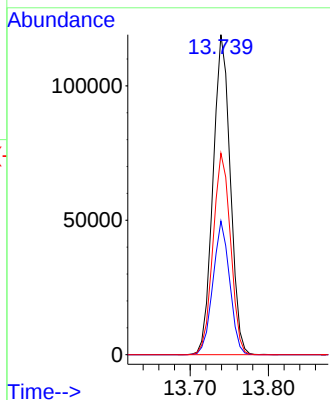
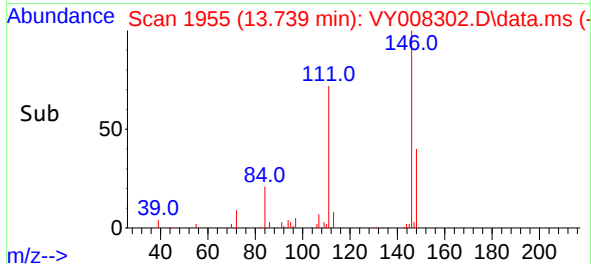
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



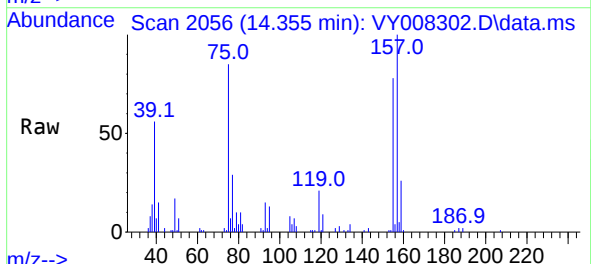
Tgt Ion:146 Resp: 182290
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 63.9 32.3 96.9

Manual Integrations
APPROVED

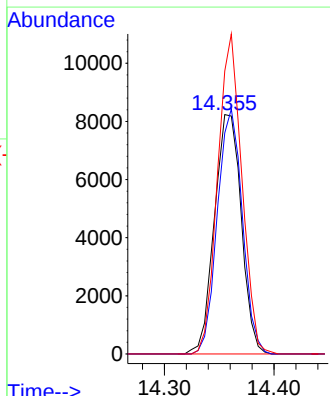
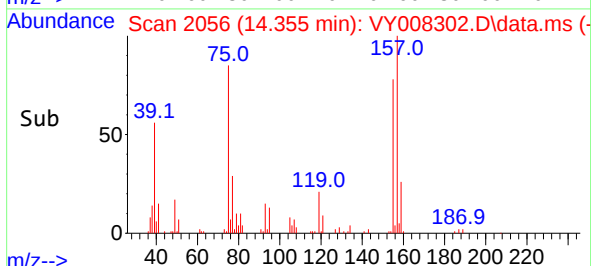
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

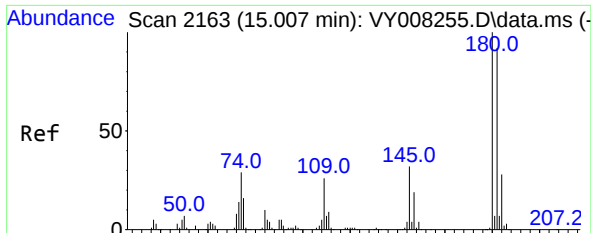


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.219 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



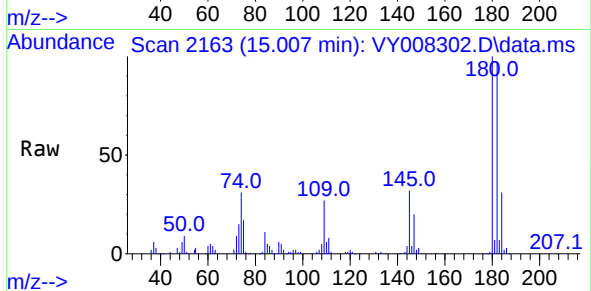
Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
155 94.9 38.0 113.9
157 120.2 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 46.363 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

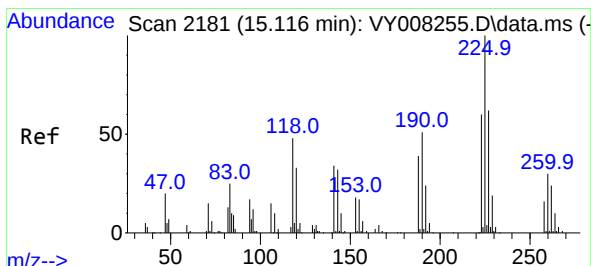
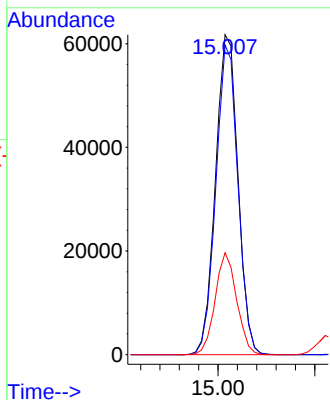
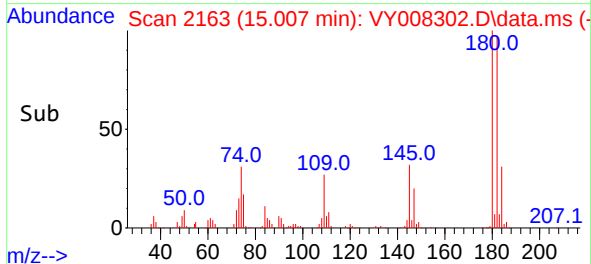
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



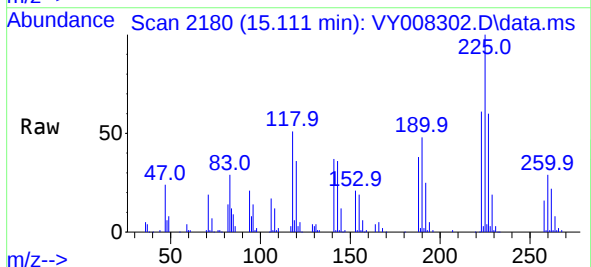
Tgt Ion:180 Resp: 99328
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 30.5 14.6 43.8

Manual Integrations
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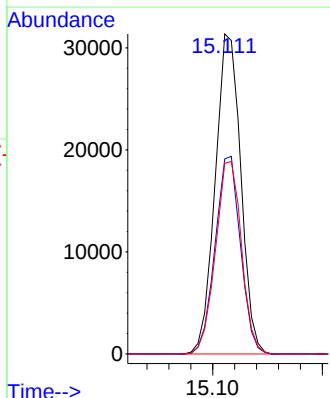
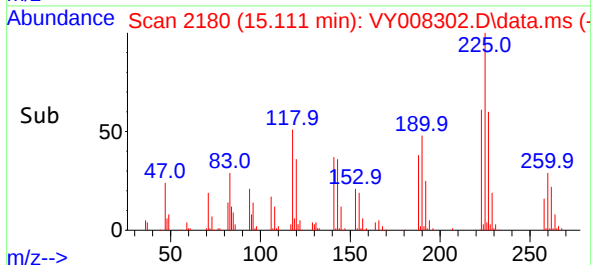
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022

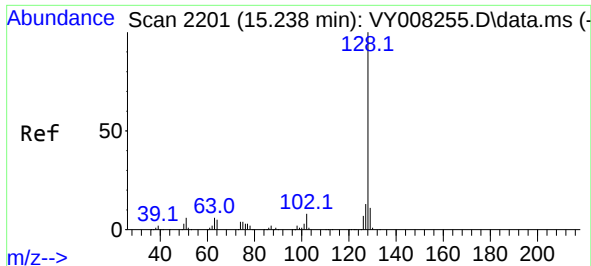


#94
Hexachlorobutadiene
Concen: 46.702 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.005 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



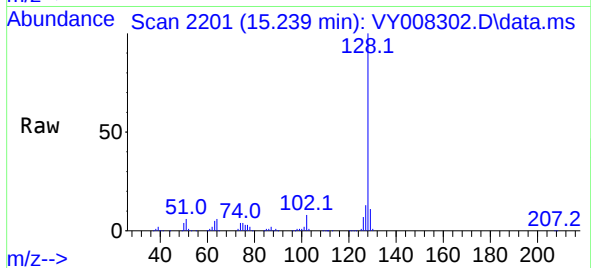
Tgt Ion:225 Resp: 50795
Ion Ratio Lower Upper
225 100
223 61.3 30.8 92.3
227 61.0 31.6 94.7





#95
Naphthalene
Concen: 50.227 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53

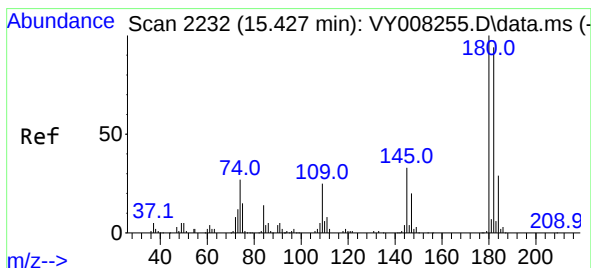
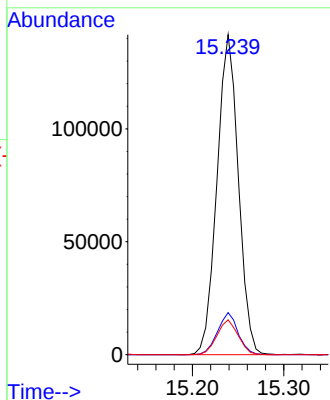
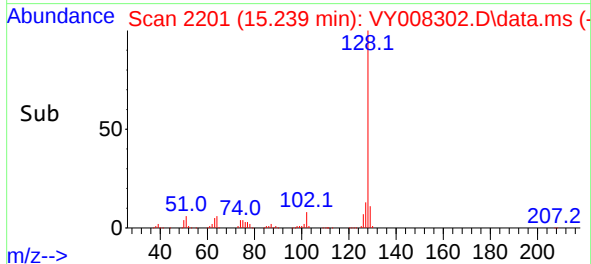
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



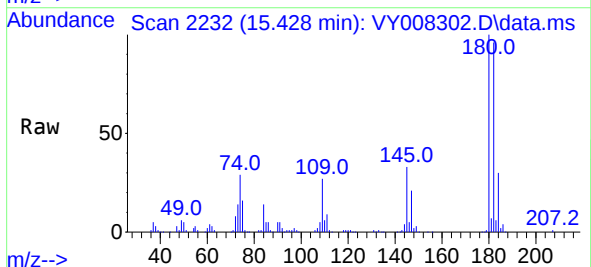
Tgt Ion:128 Resp: 230499
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 10.8 8.4 12.6

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Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.544 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008302.D
Acq: 13 Apr 2022 09:53



Tgt Ion:180 Resp: 87260
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 32.9 15.3 45.9

