

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051222\
 Data File : VY008737.D
 Acq On : 12 May 2022 16:43
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:39:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100441	47.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.220%		
35) Dibromofluoromethane	7.710	113	101559	45.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.780%		
50) Toluene-d8	10.179	98	383861	45.622	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.483	95	136229	45.912	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75277	41.118	ug/l	100
3) Chloromethane	2.113	50	153187	62.760	ug/l	100
4) Vinyl Chloride	2.247	62	212048	64.826	ug/l	100
5) Bromomethane	2.643	94	186518	67.756	ug/l	100
6) Chloroethane	2.790	64	145512	66.826	ug/l	100
7) Trichlorofluoromethane	3.125	101	173637	45.138	ug/l	100
8) Diethyl Ether	3.527	74	53334	43.378	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	103981	43.966	ug/l	100
10) Methyl Iodide	4.082	142	108307	45.470	ug/l	100
11) Tert butyl alcohol	4.948	59	56264	256.313	ug/l	100
12) 1,1-Dichloroethene	3.869	96	93962	42.983	ug/l	100
13) Acrolein	3.729	56	24782	147.282	ug/l	100
14) Allyl chloride	4.478	41	132992	46.013	ug/l	100
15) Acrylonitrile	5.161	53	129555	221.407	ug/l	100
16) Acetone	3.942	43	105838	226.232	ug/l	100
17) Carbon Disulfide	4.186	76	260153	42.399	ug/l	100
18) Methyl Acetate	4.478	43	59003	36.650	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	277668	44.599	ug/l	100
20) Methylene Chloride	4.704	84	119879	42.335	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	113113	44.482	ug/l	100
22) Diisopropyl ether	6.118	45	317199	50.245	ug/l	100
23) Vinyl Acetate	6.051	43	1029121	264.946	ug/l	100
24) 1,1-Dichloroethane	6.009	63	198886	47.829	ug/l	100
25) 2-Butanone	6.978	43	170449	236.805	ug/l	100
26) 2,2-Dichloropropane	6.978	77	192675	48.811	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	134987	45.577	ug/l	100
28) Bromochloromethane	7.332	49	76422	53.341	ug/l	100
29) Tetrahydrofuran	7.344	42	109850	234.600	ug/l	100
30) Chloroform	7.502	83	214402	47.636	ug/l	100
31) Cyclohexane	7.783	56	174665	44.602	ug/l	100
32) 1,1,1-Trichloroethane	7.697	97	194318	46.948	ug/l	100
36) 1,1-Dichloropropene	7.911	75	165909	47.214	ug/l	100
37) Ethyl Acetate	7.069	43	75812	46.693	ug/l	100
38) Carbon Tetrachloride	7.899	117	177100	46.424	ug/l	100
39) Methylcyclohexane	9.179	83	212857	45.151	ug/l	100
40) Benzene	8.155	78	480392	47.638	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	42935m	50.665	ug/l	
42) 1,2-Dichloroethane	8.234	62	133869	47.399	ug/l	100
43) Isopropyl Acetate	8.270	43	153276	47.655	ug/l	100
44) Trichloroethene	8.935	130	130926	45.260	ug/l	100
45) 1,2-Dichloropropane	9.215	63	117464	49.209	ug/l	100
46) Dibromomethane	9.301	93	72586	46.774	ug/l	100
47) Bromodichloromethane	9.496	83	171013	47.923	ug/l	100
48) Methyl methacrylate	9.289	41	65189	46.137	ug/l	100
49) 1,4-Dioxane	9.301	88	17300	860.980	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	405451	249.184	ug/l	100
52) Toluene	10.240	92	330160	49.813	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	177944	48.698	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	196195	47.547	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	100638	47.081	ug/l	100
56) Ethyl methacrylate	10.508	69	131626	47.537	ug/l	100
57) 1,3-Dichloropropane	10.788	76	166350	47.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	339487	277.531	ug/l	100
59) 2-Hexanone	10.831	43	279692	247.245	ug/l	100
60) Dibromochloromethane	10.983	129	122145	47.026	ug/l	100
61) 1,2-Dibromoethane	11.087	107	93876	44.619	ug/l	100
64) Tetrachloroethene	10.715	164	118691	46.021	ug/l	100
65) Chlorobenzene	11.514	112	350871	46.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	132849	47.844	ug/l	100
67) Ethyl Benzene	11.593	91	657483	49.413	ug/l	100
68) m/p-Xylenes	11.703	106	533831	100.802	ug/l	100
69) o-Xylene	12.026	106	247889	49.154	ug/l	100
70) Styrene	12.044	104	432686	52.024	ug/l	100
71) Bromoform	12.209	173	76788	46.443	ug/l #	100
73) Isopropylbenzene	12.331	105	672229	45.119	ug/l	100
74) N-amyl acetate	12.142	43	149433	45.534	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	123252	43.068	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	88430m	40.545	ug/l	
77) Bromobenzene	12.611	156	143600	42.561	ug/l	100
78) n-propylbenzene	12.672	91	813880	46.052	ug/l	100
79) 2-Chlorotoluene	12.757	91	435519	44.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	564708	46.107	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	43869	44.859	ug/l	100
82) 4-Chlorotoluene	12.855	91	472374	46.868	ug/l	100
83) tert-Butylbenzene	13.074	119	495291	45.626	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	567946	47.362	ug/l	100
85) sec-Butylbenzene	13.251	105	774018	47.741	ug/l	100
86) p-Isopropyltoluene	13.367	119	649521	48.213	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	320367	47.141	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	310236	45.914	ug/l	100
89) n-Butylbenzene	13.696	91	600090	48.183	ug/l	100
90) Hexachloroethane	13.958	117	115117	44.678	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	271260	45.675	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17549	38.913	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	141297	40.240	ug/l	100
94) Hexachlorobutadiene	15.111	225	75691	40.390	ug/l	100
95) Naphthalene	15.239	128	288917	37.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	121653	40.066	ug/l	100

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QLast Update : Fri May 13 01:36:26 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

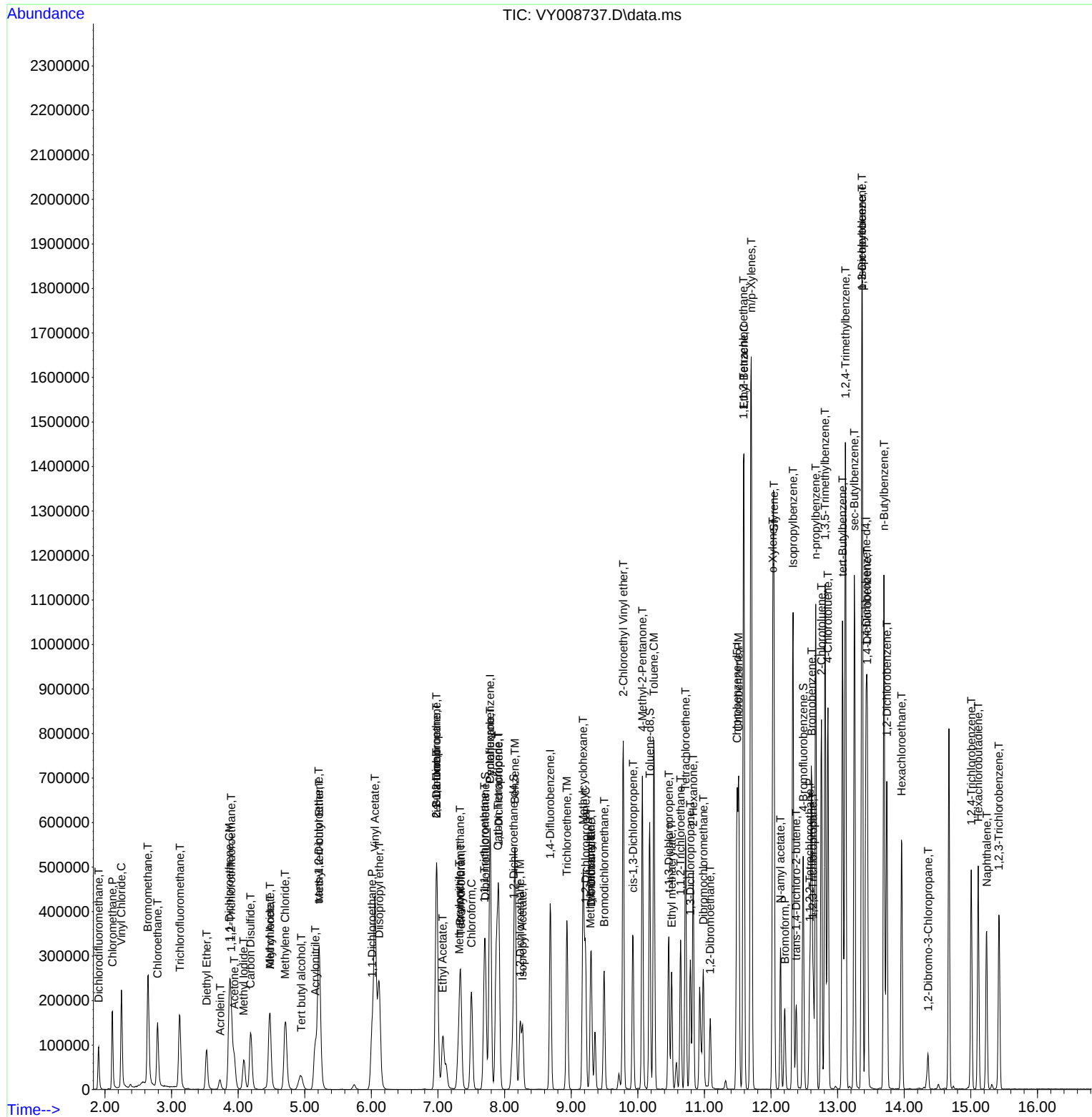
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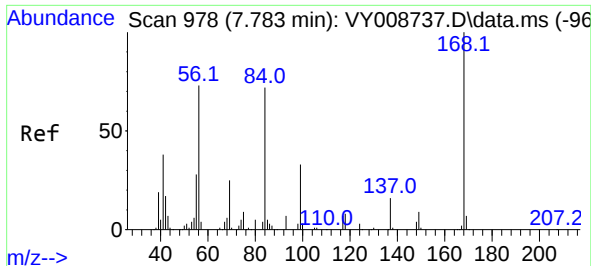
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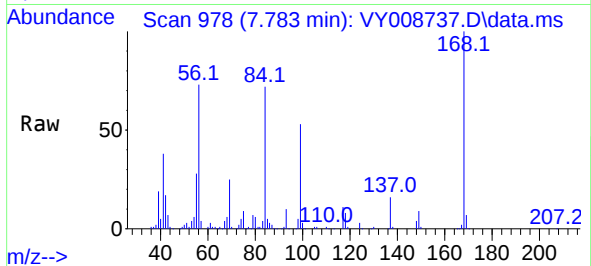
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008737.D
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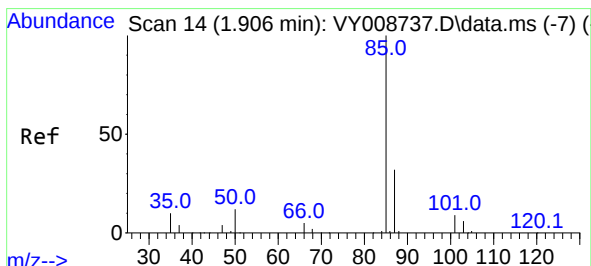
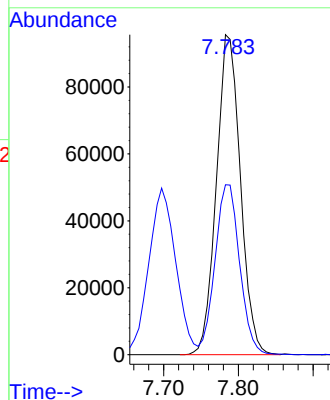
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 213709
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

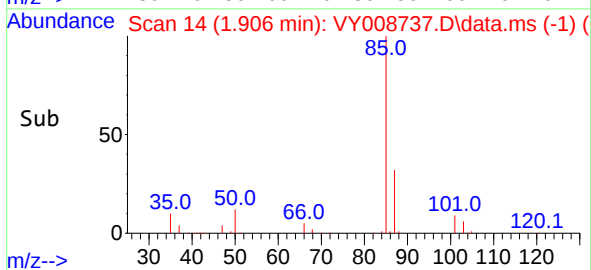
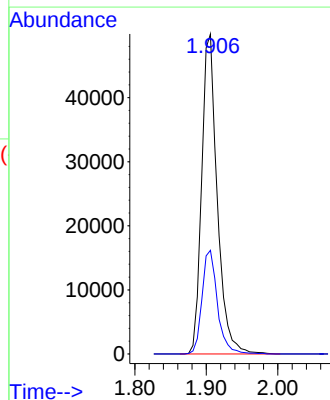
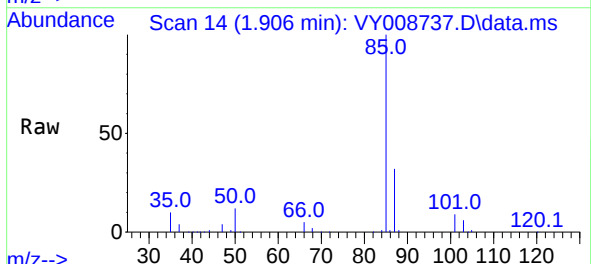
Manual Integrations
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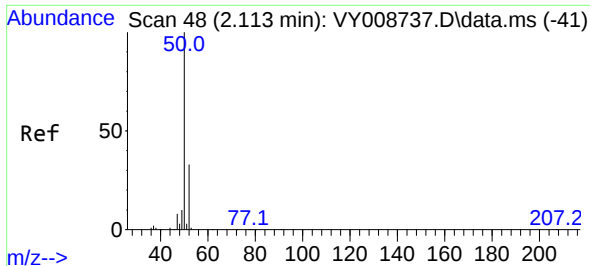
Reviewed By :John Carlone 05/13/2022
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#2
Dichlorodifluoromethane
Concen: 41.118 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

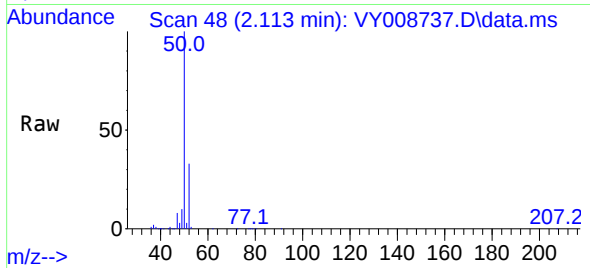
Tgt Ion: 85 Resp: 75277
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 62.760 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

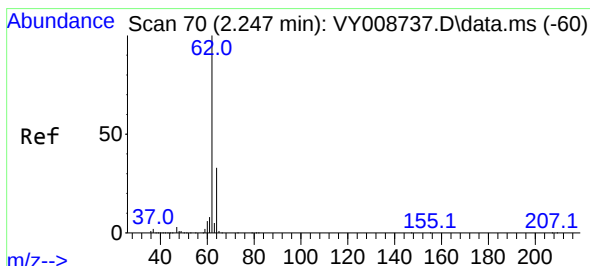
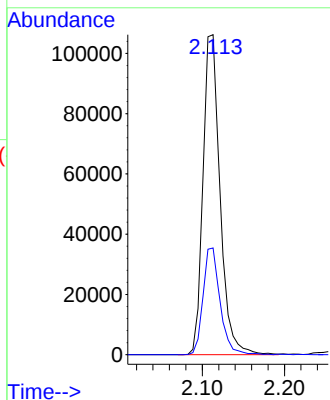
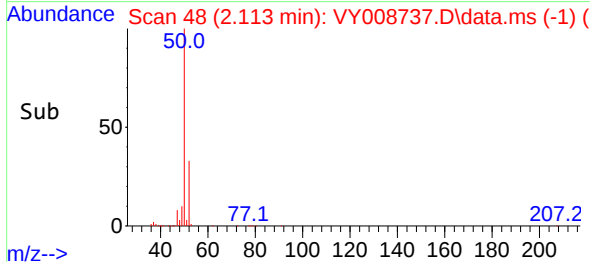
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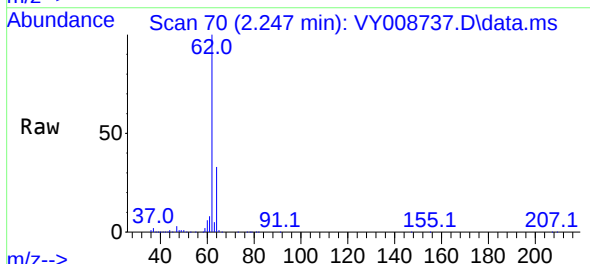
Tgt Ion: 50 Resp: 15318
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1

Manual Integrations
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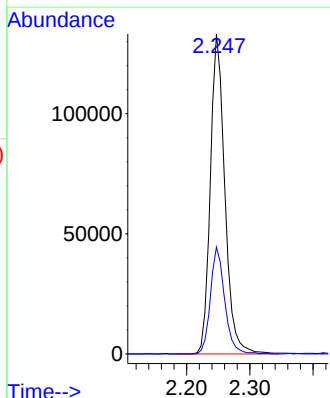
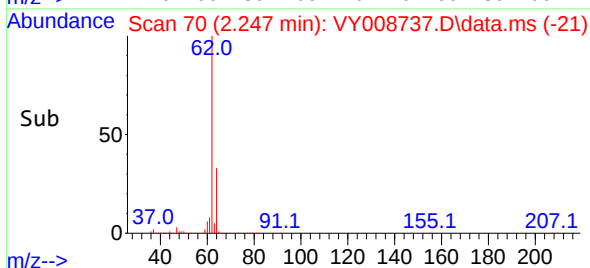
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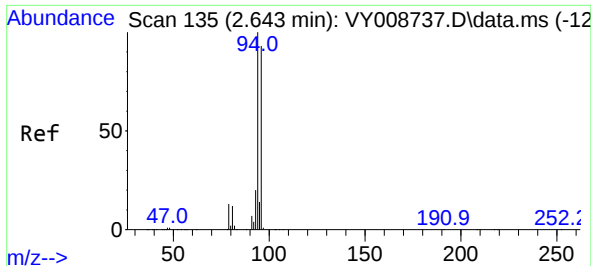


#4
Vinyl Chloride
Concen: 64.826 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



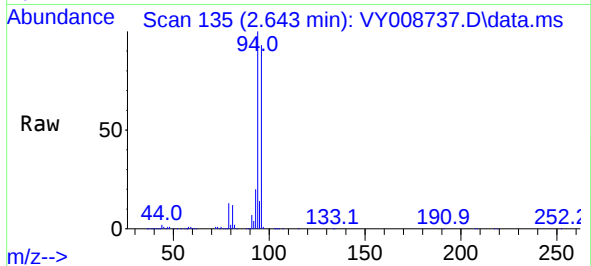
Tgt Ion: 62 Resp: 212048
Ion Ratio Lower Upper
62 100
64 33.4 26.7 40.1





#5
Bromomethane
Concen: 67.756 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

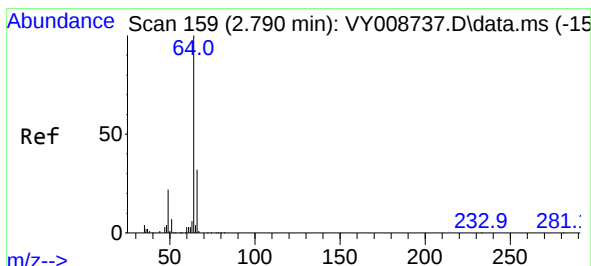
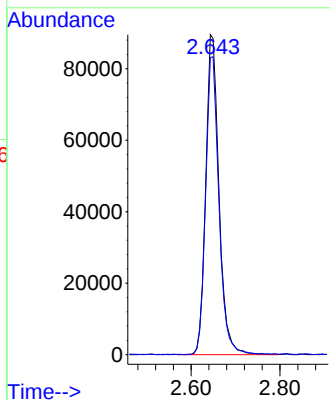
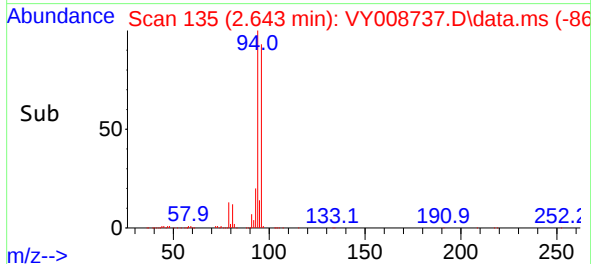
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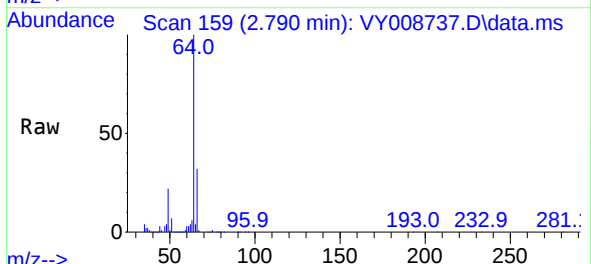
Tgt Ion: 94 Resp: 186518
Ion Ratio Lower Upper
94 100
96 92.8 74.2 111.4

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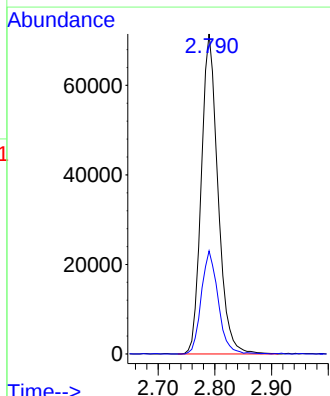
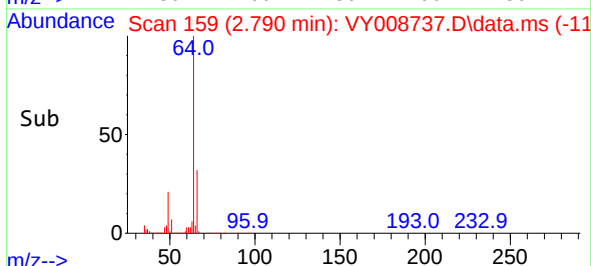
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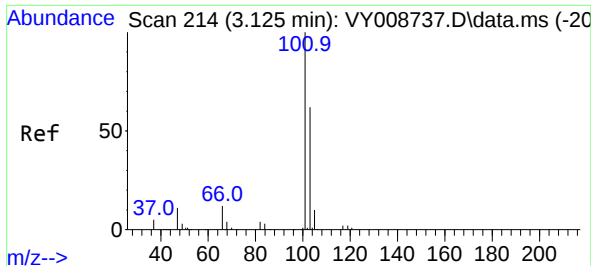


#6
Chloroethane
Concen: 66.826 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



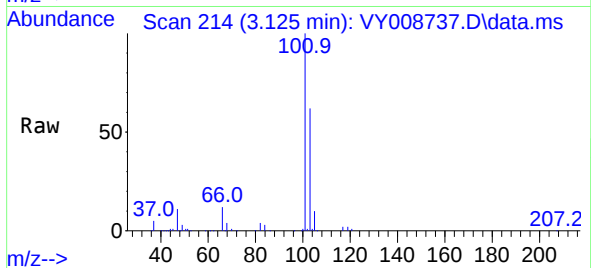
Tgt Ion: 64 Resp: 145512
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6





#7
Trichlorofluoromethane
Concen: 45.138 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

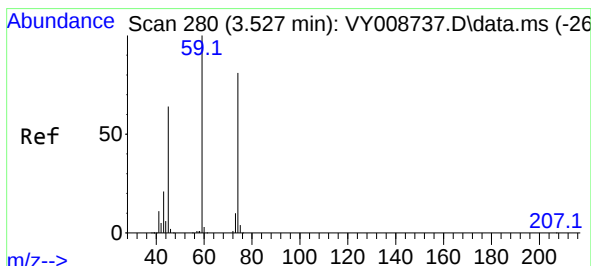
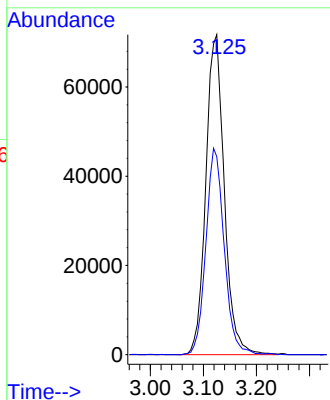
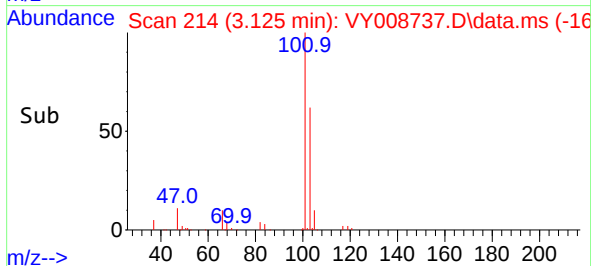
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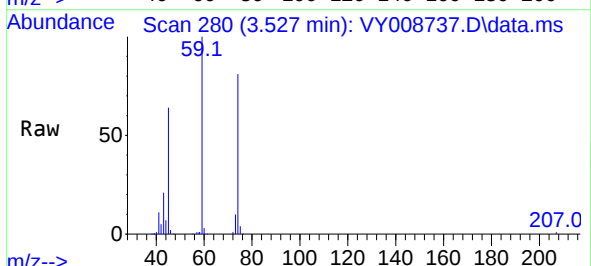
Tgt Ion:101 Resp: 17363
Ion Ratio Lower Upper
101 100
103 61.9 49.5 74.3

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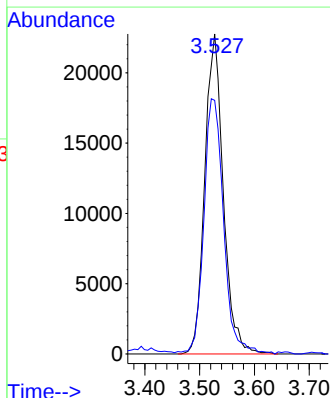
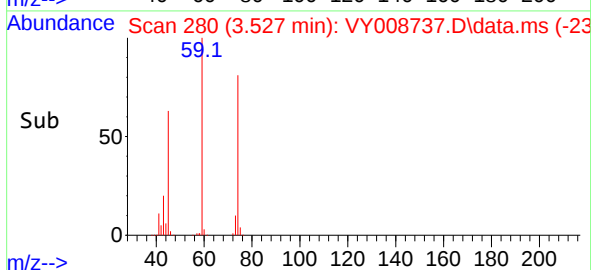
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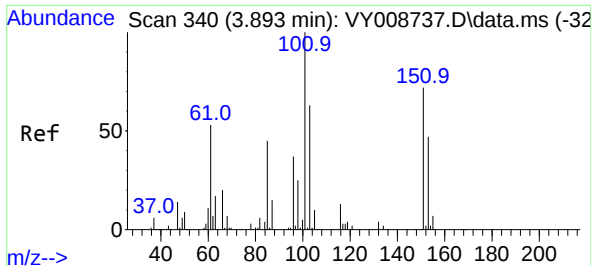


#8
Diethyl Ether
Concen: 43.378 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008737.D
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Tgt Ion: 74 Resp: 53334
Ion Ratio Lower Upper
74 100
45 85.2 42.6 127.8





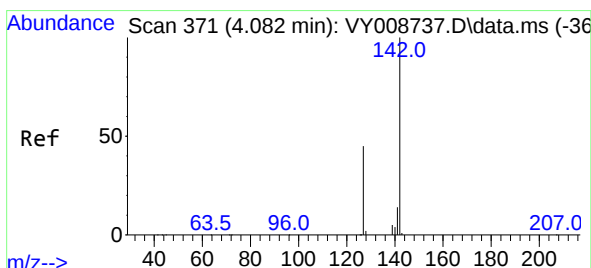
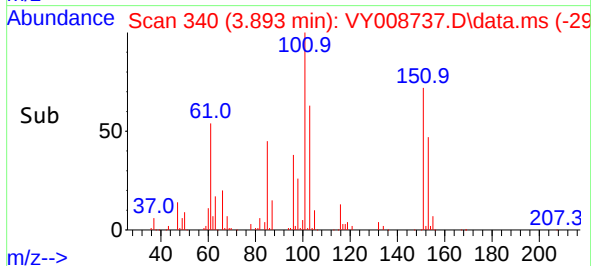
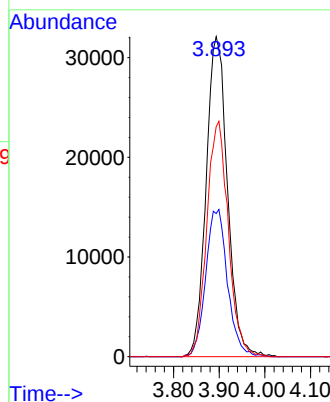
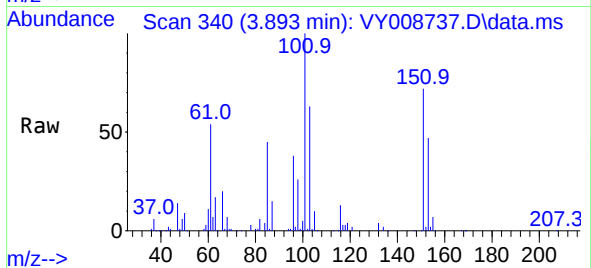
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.966 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 10398
Ion Ratio Lower Upper
101 100
85 47.2 37.8 56.6
151 74.3 59.4 89.2

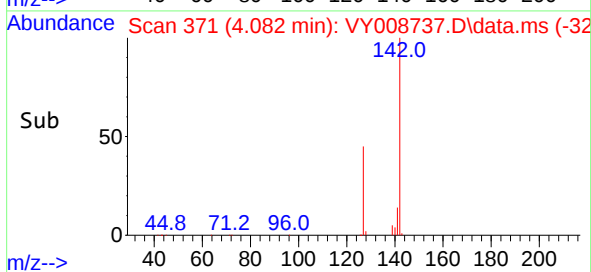
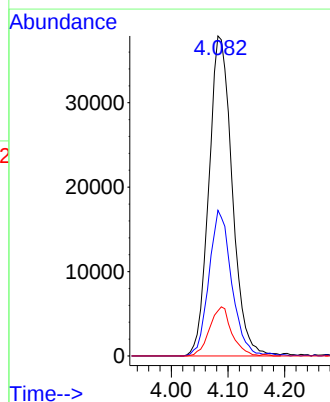
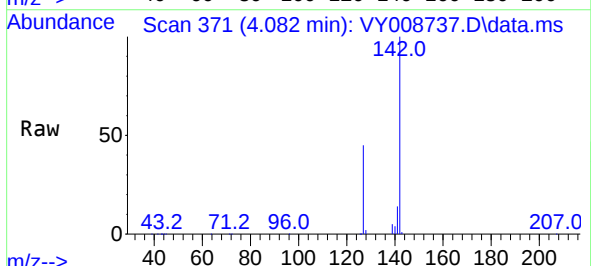
Manual Integrations
APPROVED

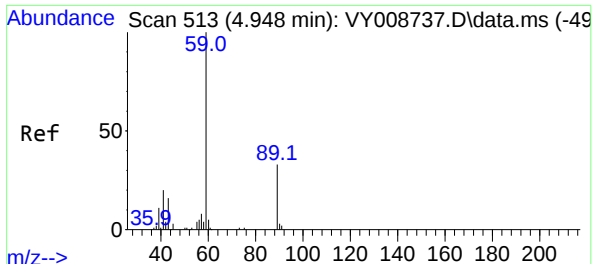
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 45.470 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

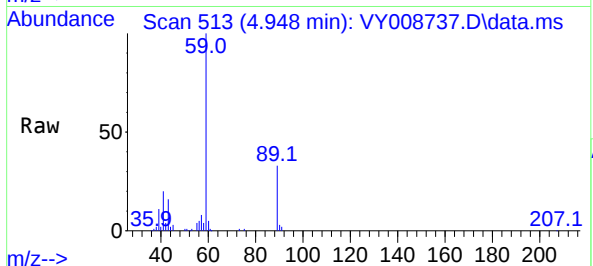
Tgt Ion:142 Resp: 108307
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.0
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 256.313 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

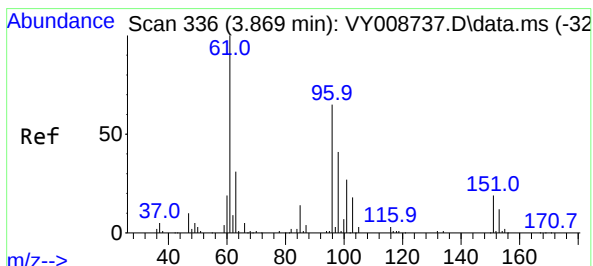
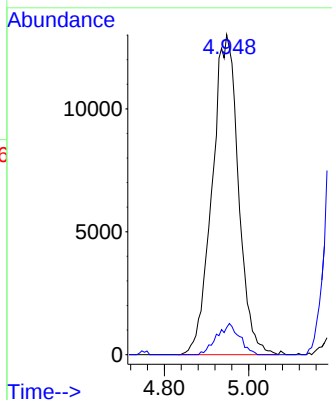
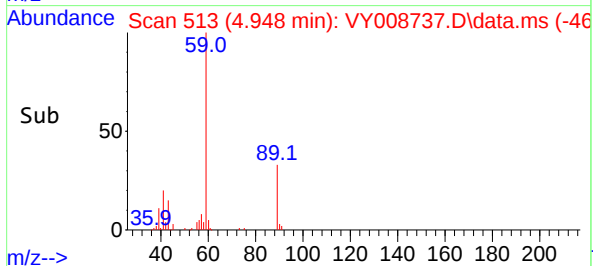
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



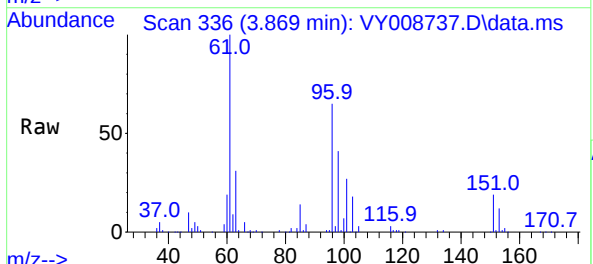
Tgt Ion: 59 Resp: 56264
Ion Ratio Lower Upper
59 100
57 8.4 6.7 10.1

Manual Integrations
APPROVED

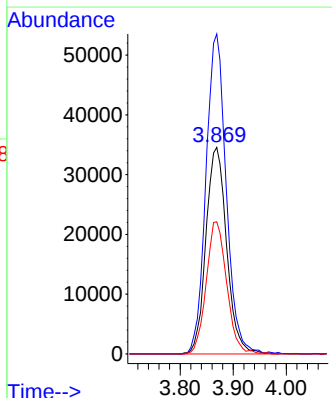
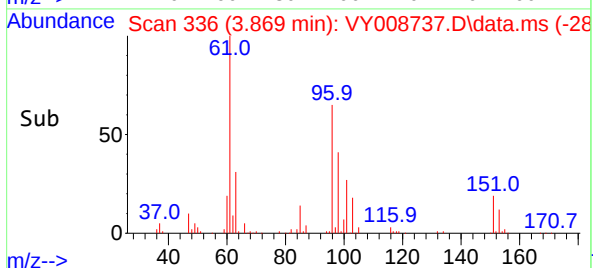
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

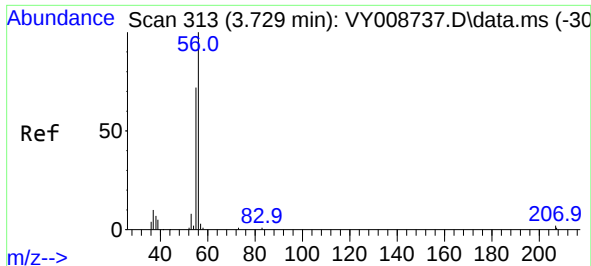


#12
1,1-Dichloroethene
Concen: 42.983 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



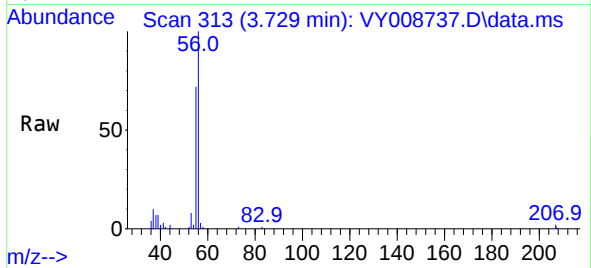
Tgt Ion: 96 Resp: 93962
Ion Ratio Lower Upper
96 100
61 154.9 123.9 185.9
98 64.0 51.2 76.8





#13
Acrolein
Concen: 147.282 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

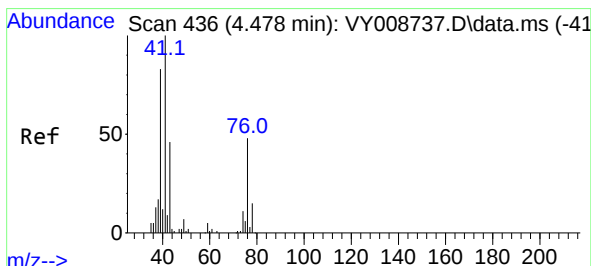
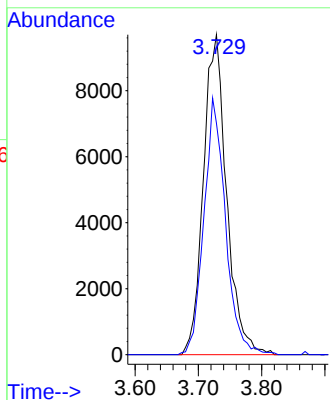
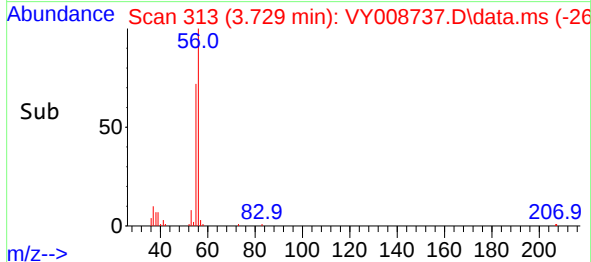
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 24782
Ion Ratio Lower Upper
56 100
55 74.7 59.8 89.6

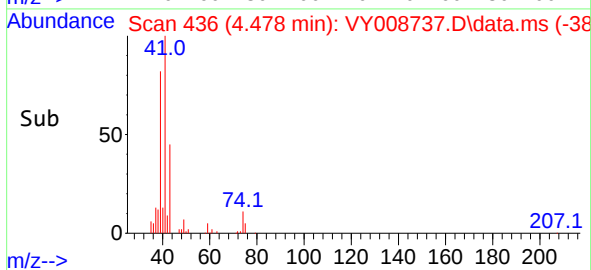
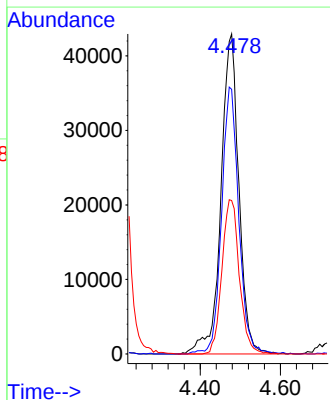
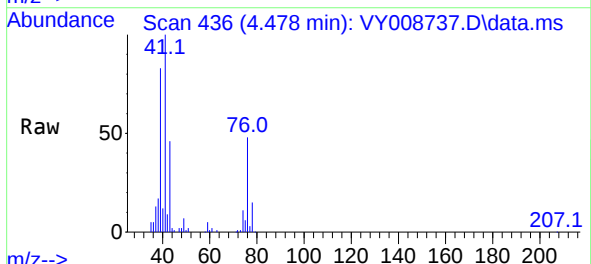
Manual Integrations
APPROVED

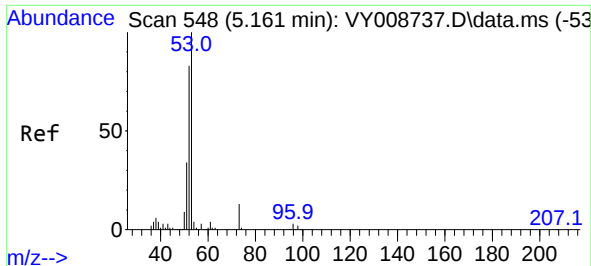
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Allyl chloride
Concen: 46.013 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

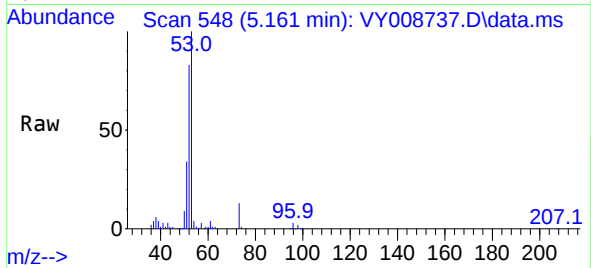
Tgt Ion: 41 Resp: 132992
Ion Ratio Lower Upper
41 100
39 80.0 64.0 96.0
76 46.9 37.5 56.3





#15
Acrylonitrile
Concen: 221.407 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

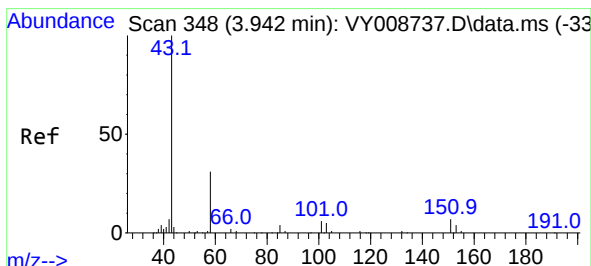
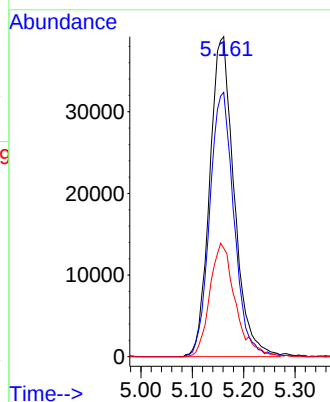
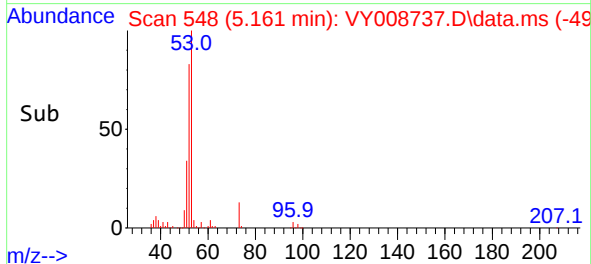
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



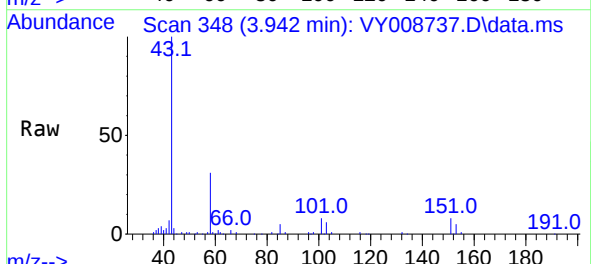
Tgt Ion: 53 Resp: 12955
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 37.0 29.6 44.4

Manual Integrations
APPROVED

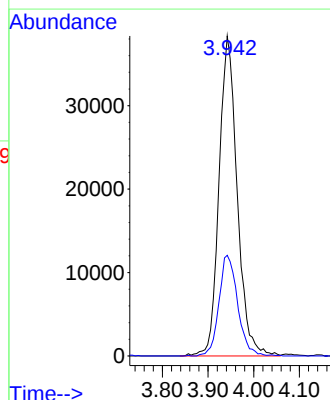
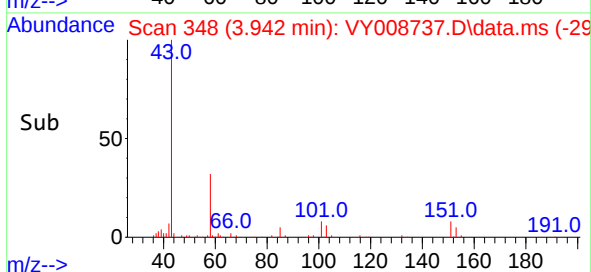
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

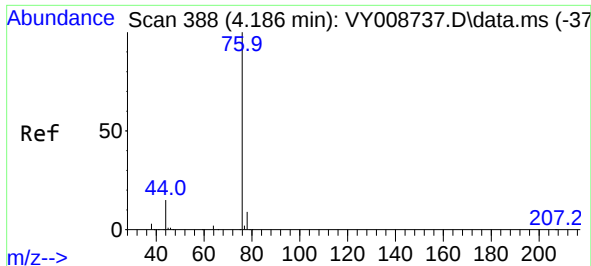


#16
Acetone
Concen: 226.232 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



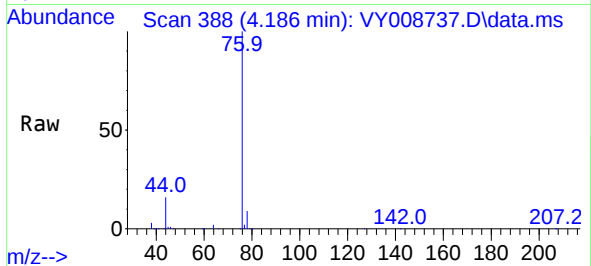
Tgt Ion: 43 Resp: 105838
Ion Ratio Lower Upper
43 100
58 31.4 25.1 37.7





#17
Carbon Disulfide
Concen: 42.399 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

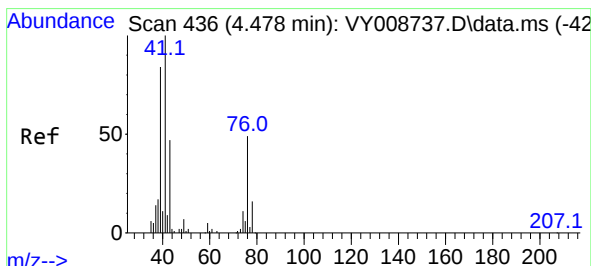
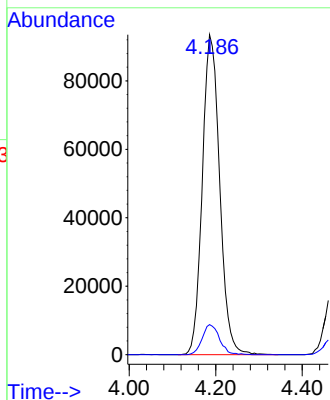
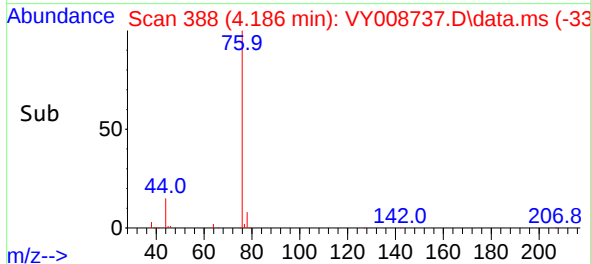
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



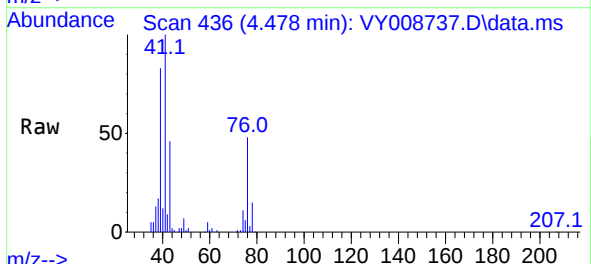
Tgt Ion: 76 Resp: 26015
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

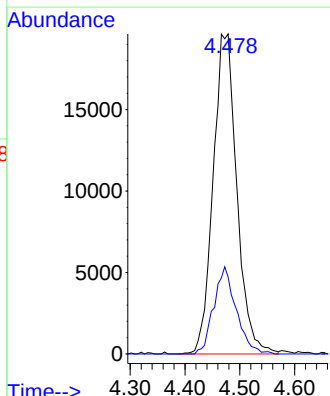
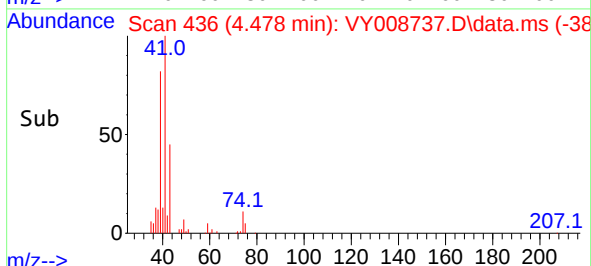
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

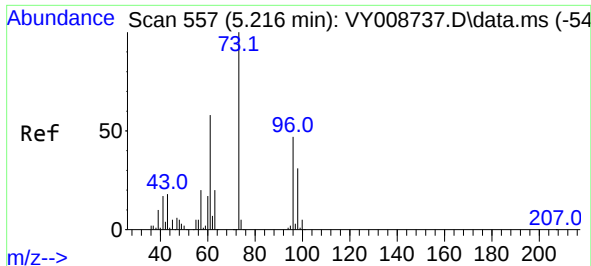


#18
Methyl Acetate
Concen: 36.650 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion: 43 Resp: 59003
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0





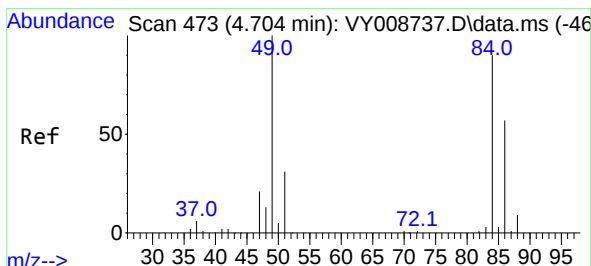
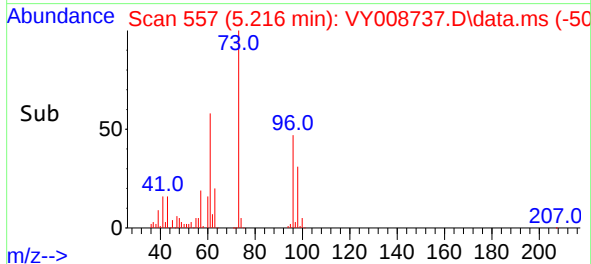
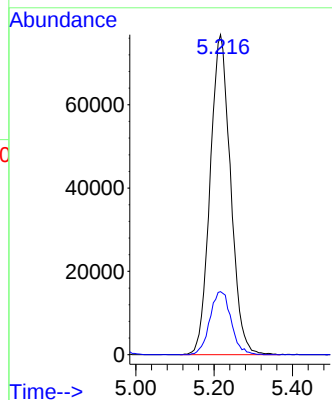
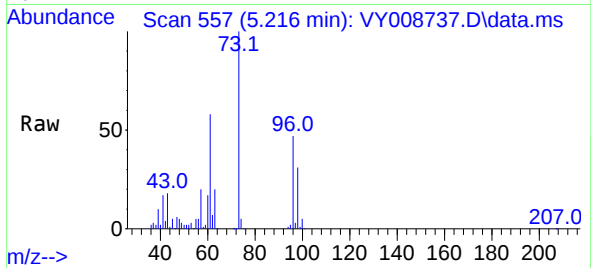
#19
Methyl tert-butyl Ether
Concen: 44.599 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 277668
Ion Ratio Lower Upper
73 100
57 19.7 15.8 23.6

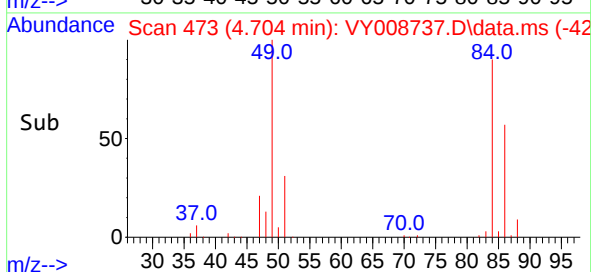
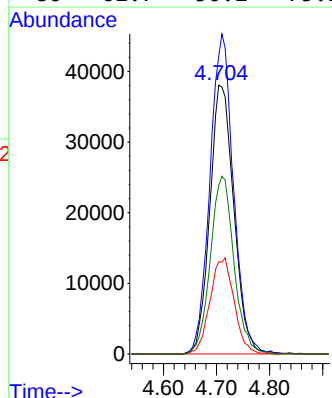
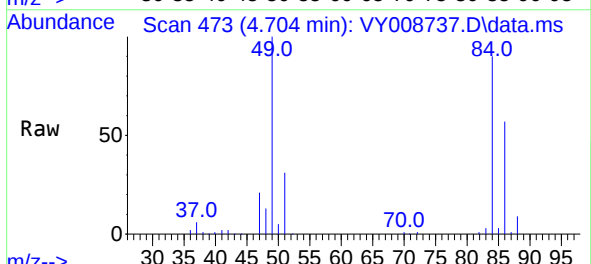
Manual Integrations
APPROVED

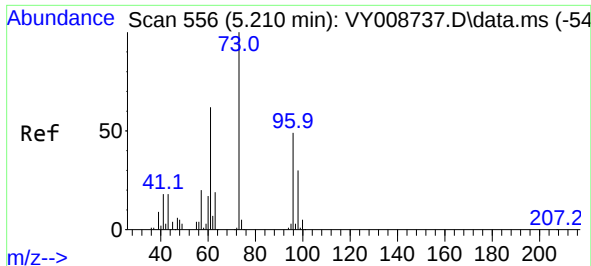
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 42.335 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

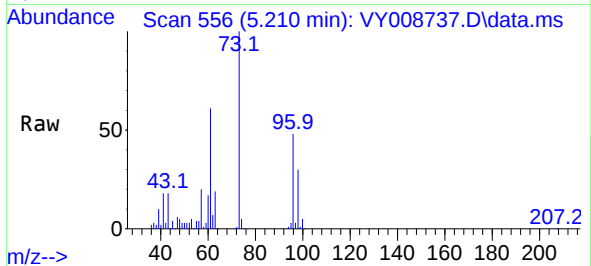
Tgt Ion: 84 Resp: 119879
Ion Ratio Lower Upper
84 100
49 110.8 88.6 133.0
51 34.2 27.4 41.0
86 62.7 50.2 75.2





#21
trans-1,2-Dichloroethene
Concen: 44.482 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

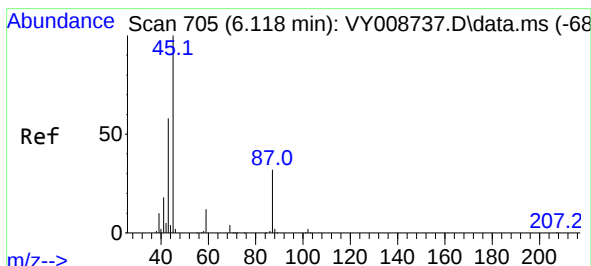
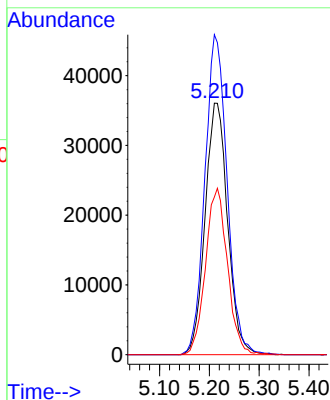
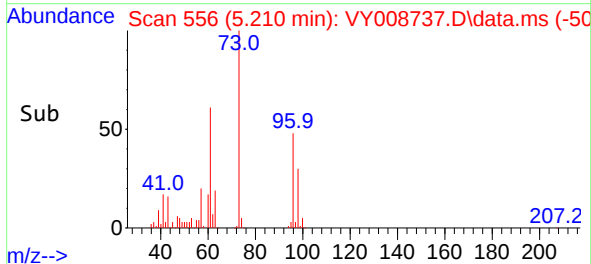
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



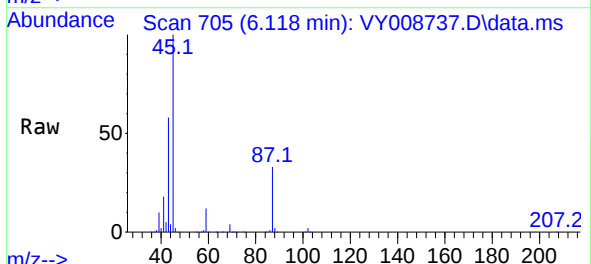
Tgt Ion: 96 Resp: 11311
Ion Ratio Lower Upper
96 100
61 127.2 101.8 152.6
98 62.7 50.2 75.2

Manual Integrations
APPROVED

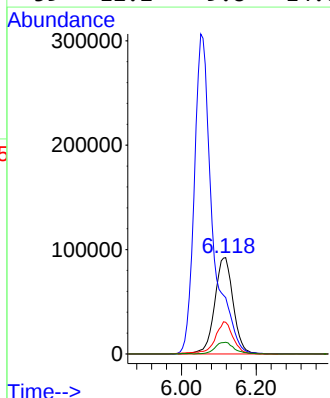
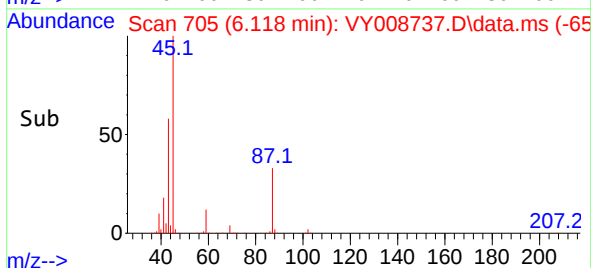
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

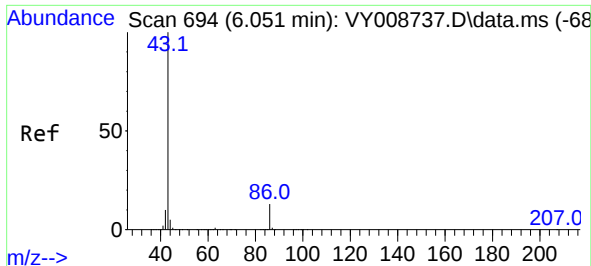


#22
Diisopropyl ether
Concen: 50.245 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



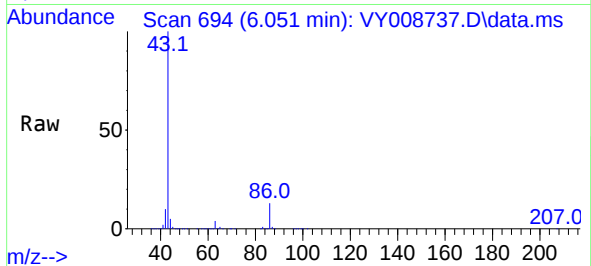
Tgt Ion: 45 Resp: 317199
Ion Ratio Lower Upper
45 100
43 58.1 46.5 69.7
87 32.9 26.3 39.5
59 12.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 264.946 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43

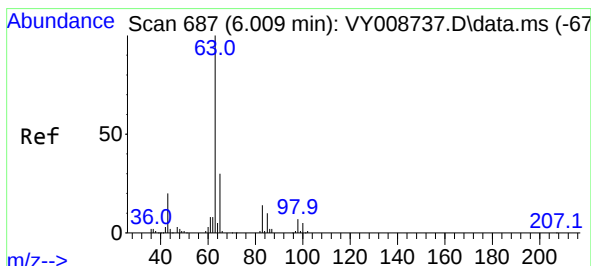
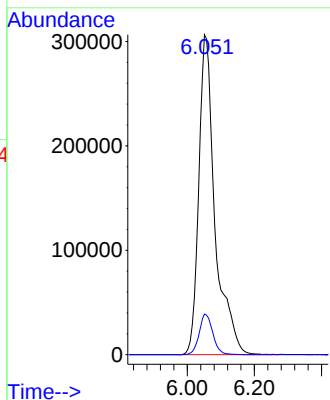
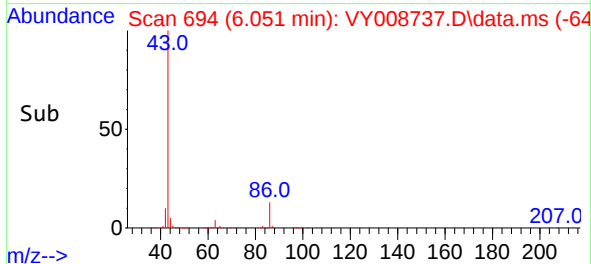
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



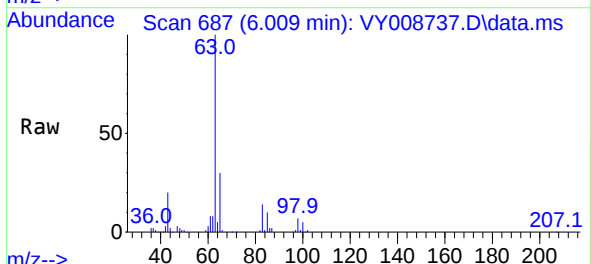
Tgt Ion: 43 Resp: 102912
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.2 15.2

Manual Integrations
 APPROVED

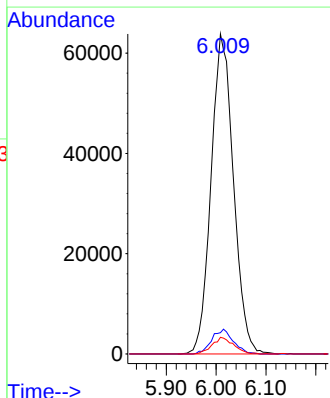
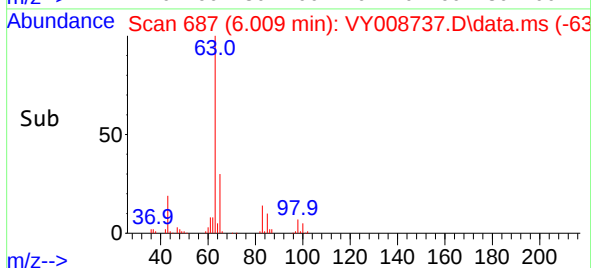
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022

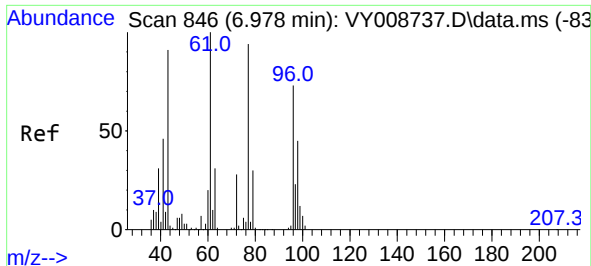


#24
 1,1-Dichloroethane
 Concen: 47.829 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43



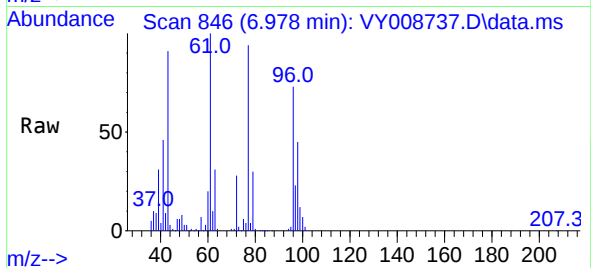
Tgt Ion: 63 Resp: 198886
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 5.2 2.6 7.8





#25
2-Butanone
Concen: 236.805 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

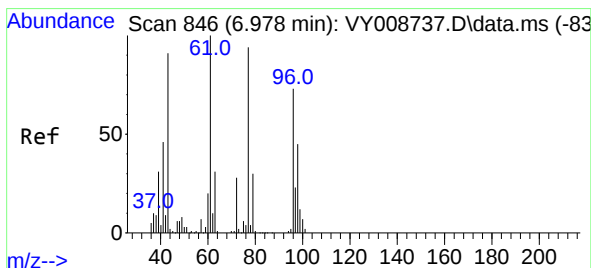
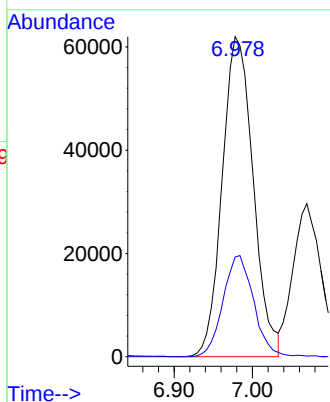
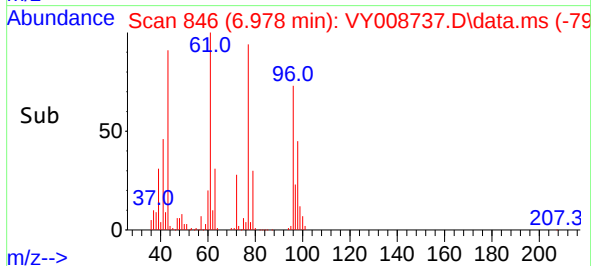
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



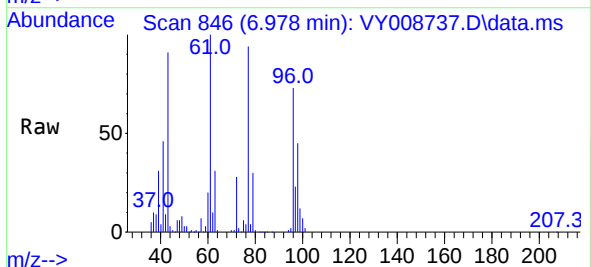
Tgt Ion: 43 Resp: 170449
Ion Ratio Lower Upper
43 100
72 31.2 25.0 37.4

Manual Integrations
APPROVED

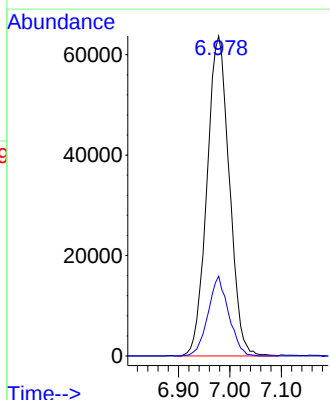
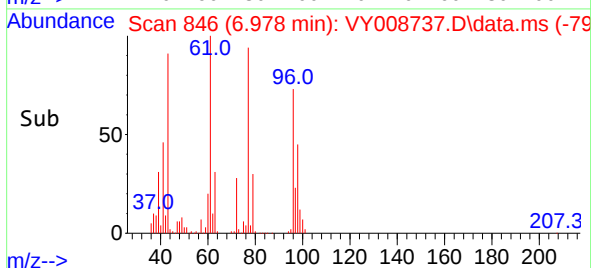
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

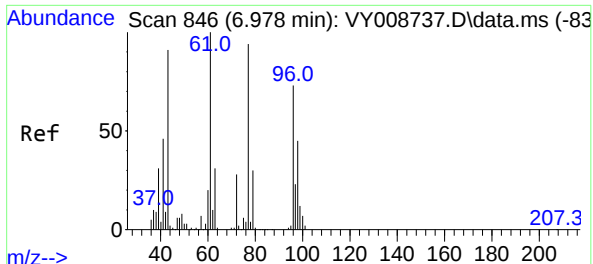


#26
2,2-Dichloropropane
Concen: 48.811 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



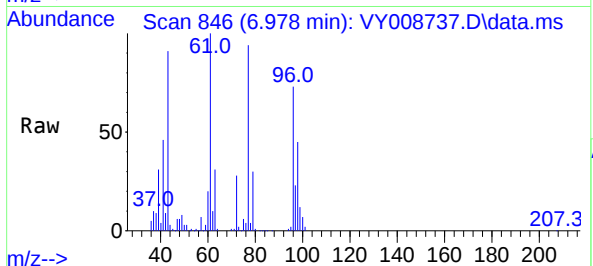
Tgt Ion: 77 Resp: 192675
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 45.577 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43

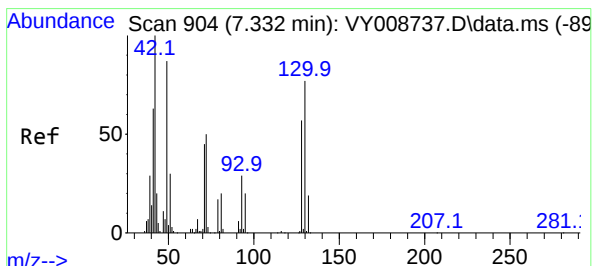
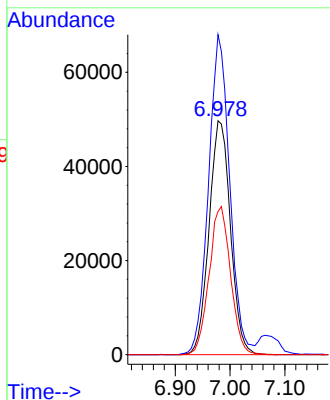
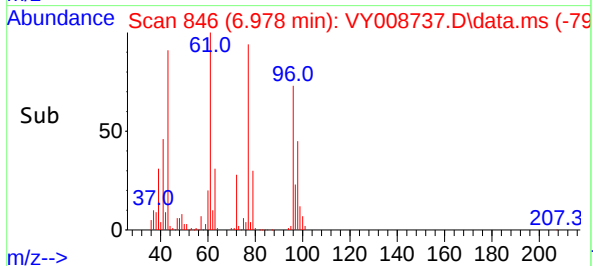
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050



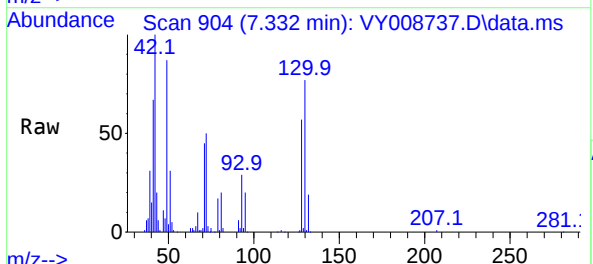
Tgt Ion: 96 Resp: 13498
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 270.4
 98 63.3 0.0 126.6

Manual Integrations
 APPROVED

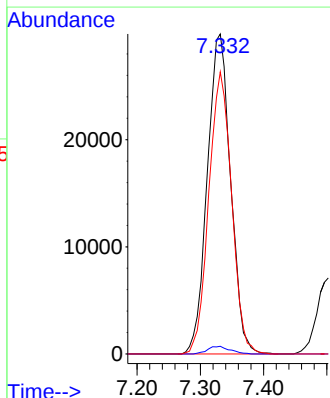
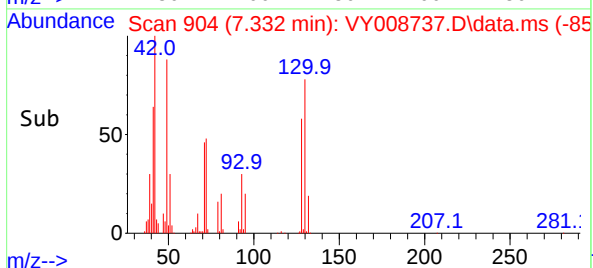
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022

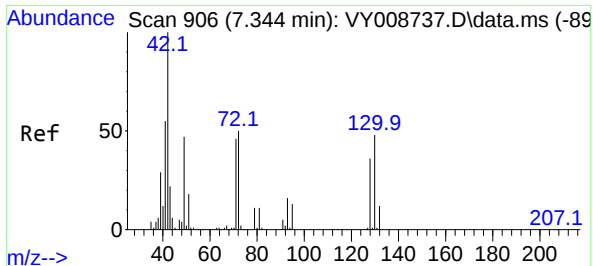


#28
 Bromochloromethane
 Concen: 53.341 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43



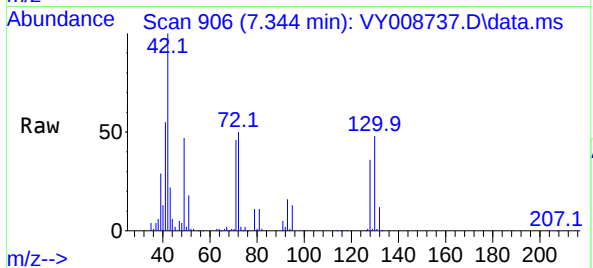
Tgt Ion: 49 Resp: 76422
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.2 69.0 103.4





#29
Tetrahydrofuran
Concen: 234.600 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

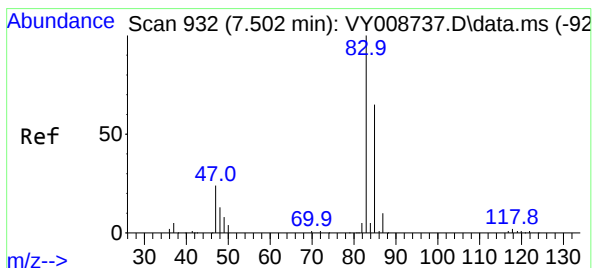
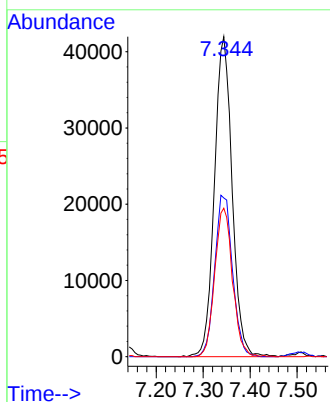
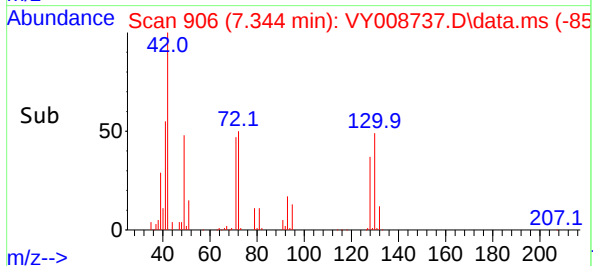
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 109850
Ion Ratio Lower Upper
42 100
72 50.9 40.7 61.1
71 46.7 37.4 56.0

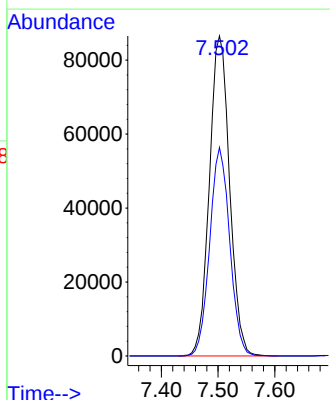
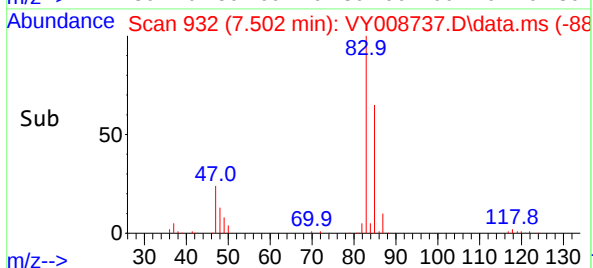
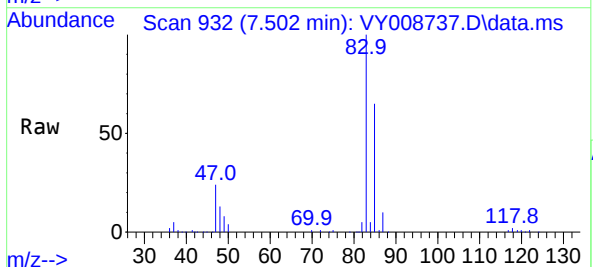
Manual Integrations
APPROVED

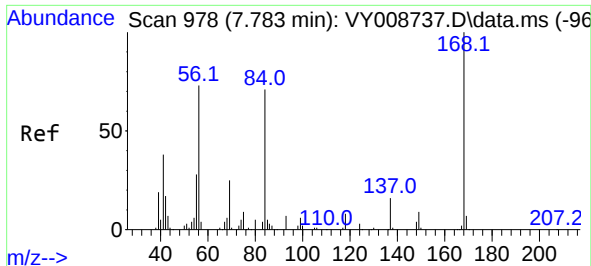
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Chloroform
Concen: 47.636 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

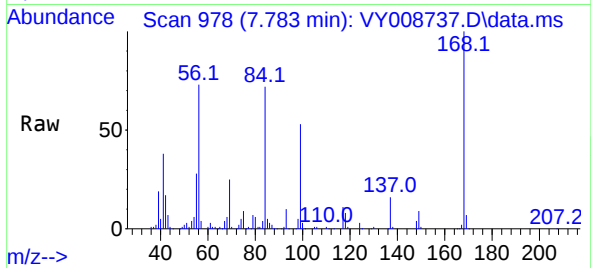
Tgt Ion: 83 Resp: 214402
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1





#31
Cyclohexane
Concen: 44.602 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

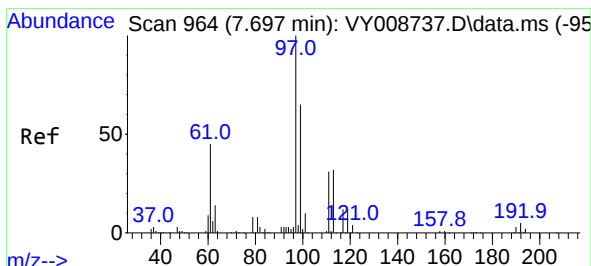
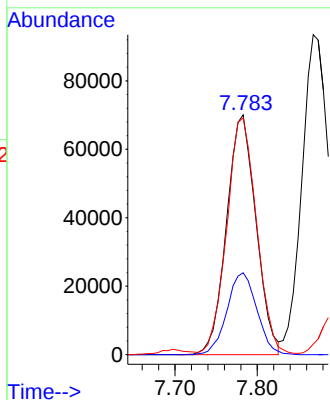
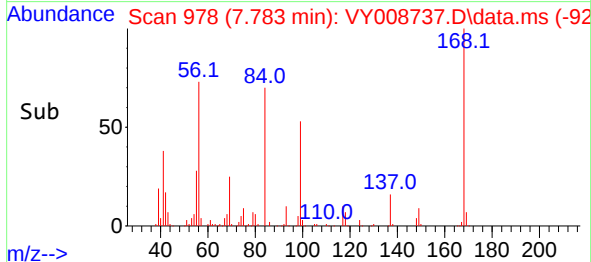
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



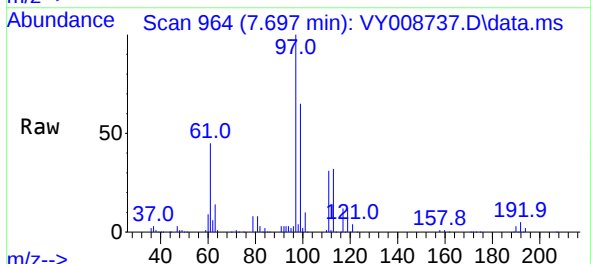
Tgt Ion: 56 Resp: 17466
Ion Ratio Lower Upper
56 100
69 34.2 27.4 41.0
84 96.9 77.5 116.3

Manual Integrations
APPROVED

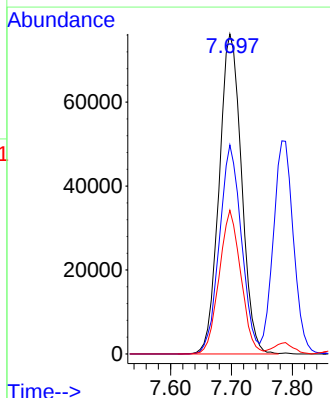
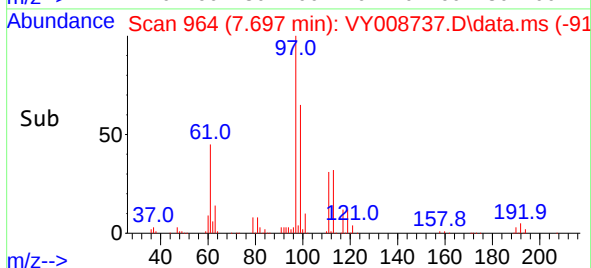
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

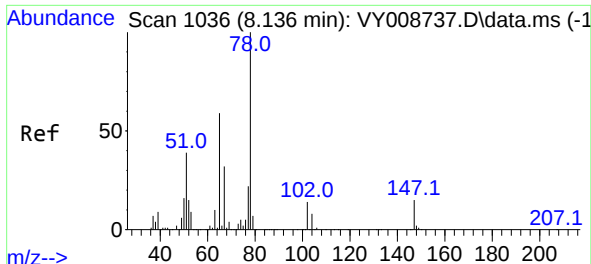


#32
1,1,1-Trichloroethane
Concen: 46.948 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



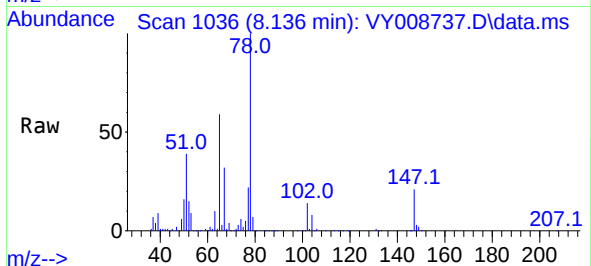
Tgt Ion: 97 Resp: 194318
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 43.6 34.9 52.3





#33
1,2-Dichloroethane-d4
Concen: 47.610 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

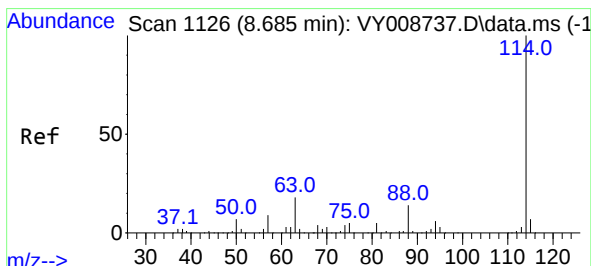
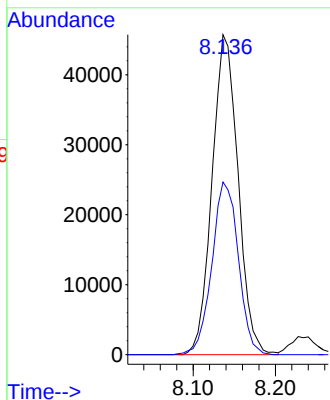
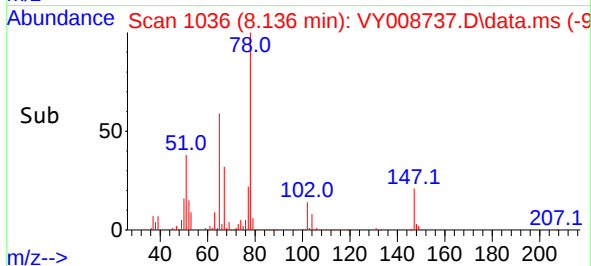
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



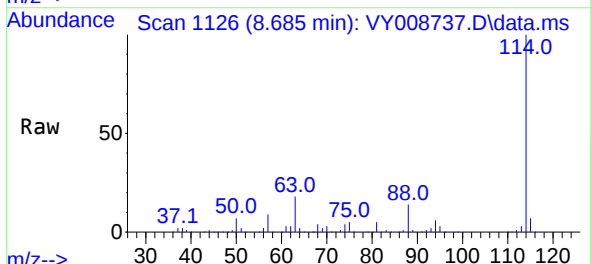
Tgt Ion: 65 Resp: 10044
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.0

Manual Integrations
APPROVED

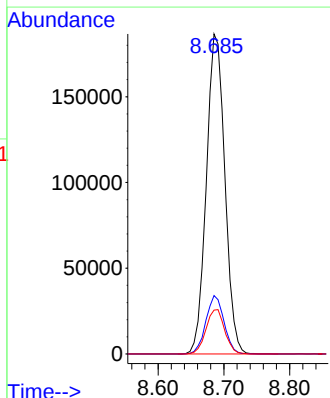
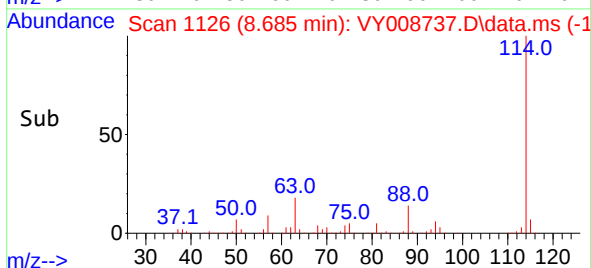
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

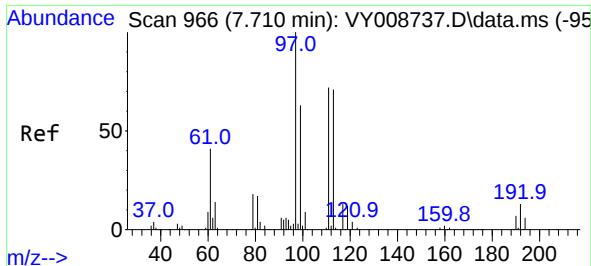


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



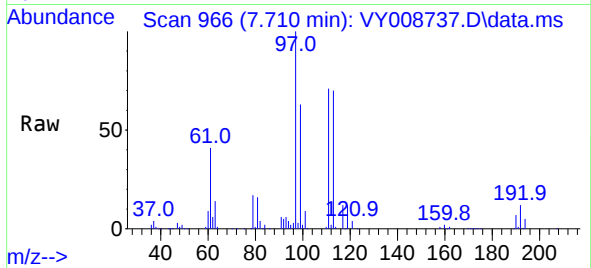
Tgt Ion:114 Resp: 365476
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 13.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.394 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

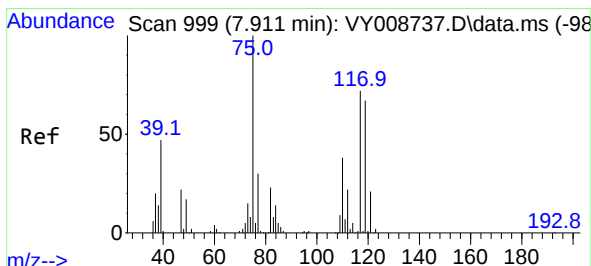
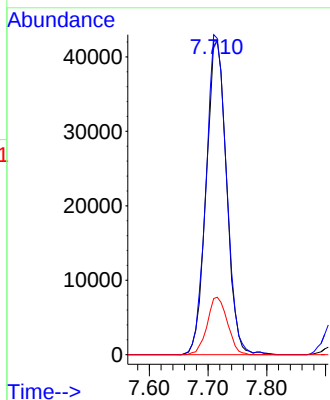
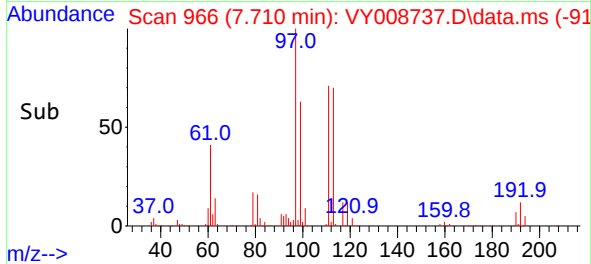
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



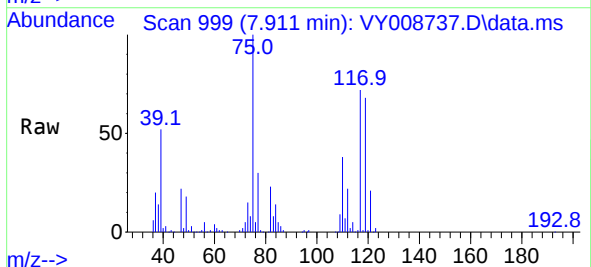
Tgt Ion: 113 Resp: 101559
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 18.1 14.5 21.7

Manual Integrations
APPROVED

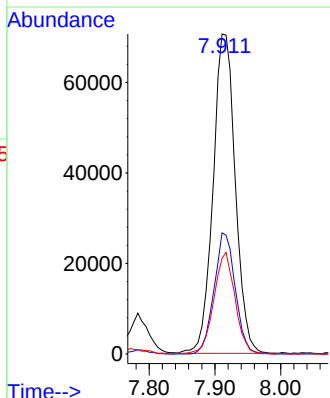
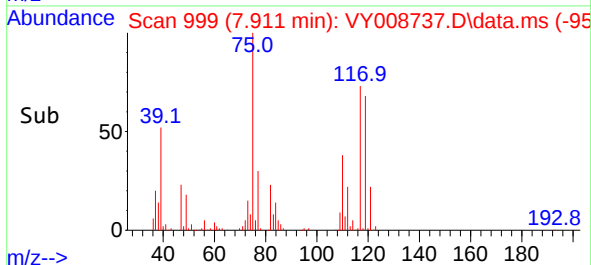
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

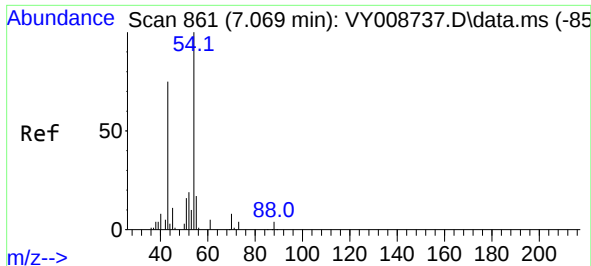


#36
1,1-Dichloropropene
Concen: 47.214 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



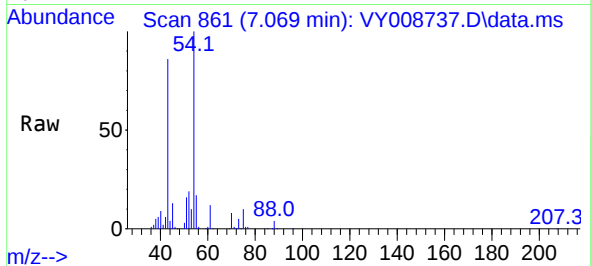
Tgt Ion: 75 Resp: 165909
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.1
77 30.4 24.3 36.5





#37
Ethyl Acetate
Concen: 46.693 ug/l
RT: 7.069 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

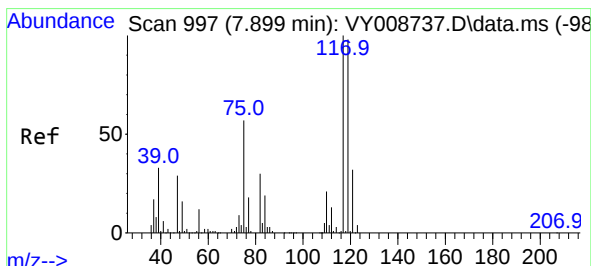
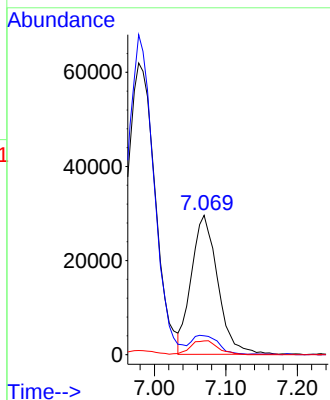
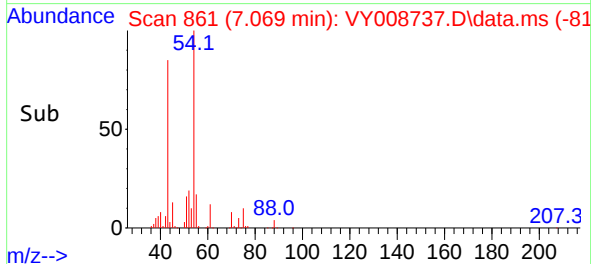
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



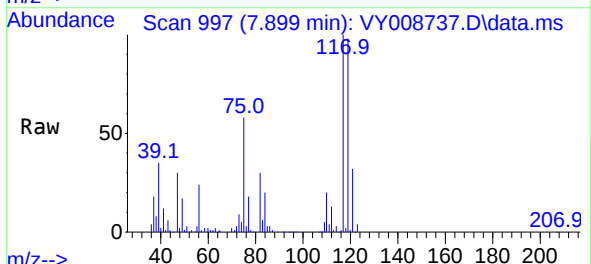
Tgt Ion: 43 Resp: 75812
Ion Ratio Lower Upper
43 100
61 13.5 10.8 16.2
70 10.6 8.5 12.7

Manual Integrations
APPROVED

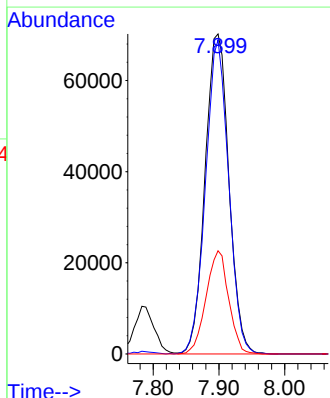
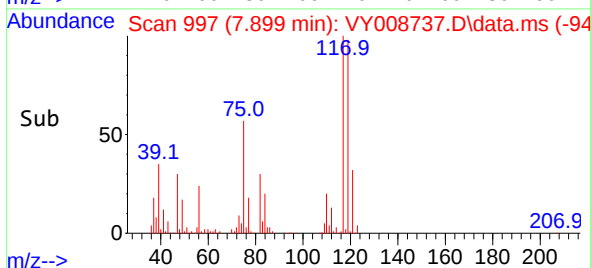
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

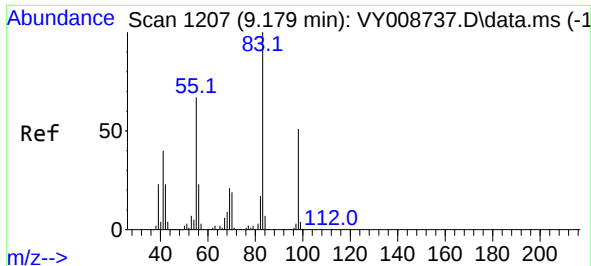


#38
Carbon Tetrachloride
Concen: 46.424 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



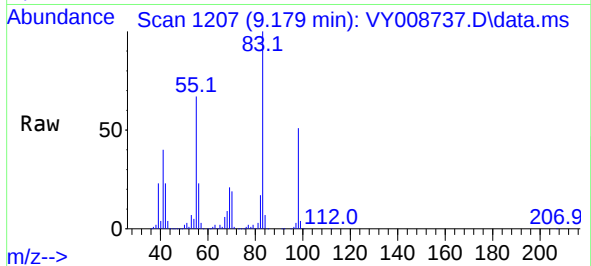
Tgt Ion:117 Resp: 177100
Ion Ratio Lower Upper
117 100
119 98.1 78.5 117.7
121 32.3 25.8 38.8





#39
Methylcyclohexane
Concen: 45.151 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

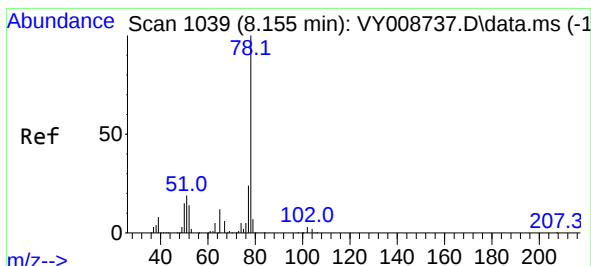
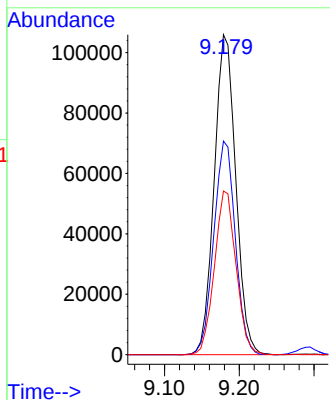
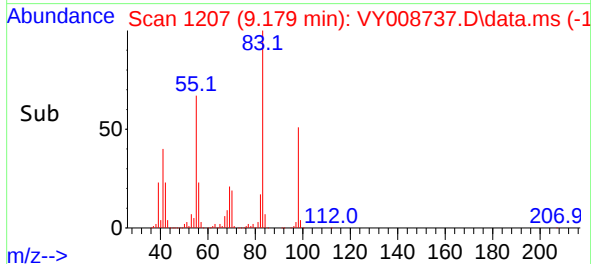
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



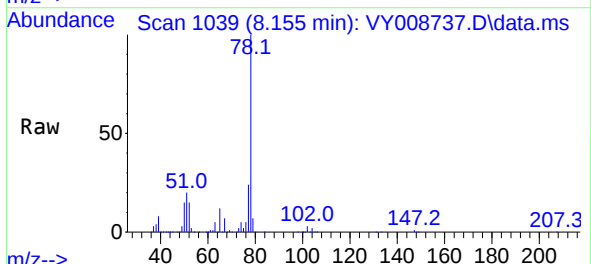
Tgt Ion: 83 Resp: 21285
Ion Ratio Lower Upper
83 100
55 66.7 53.4 80.0
98 51.2 41.0 61.4

Manual Integrations
APPROVED

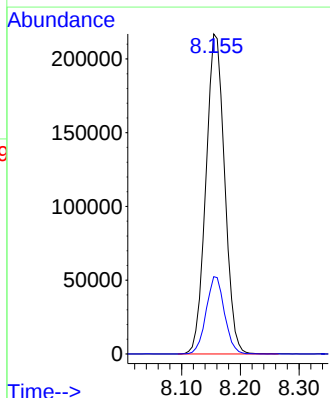
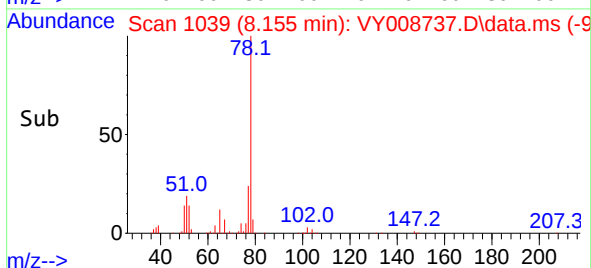
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

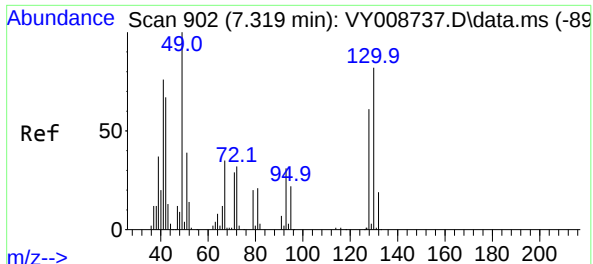


#40
Benzene
Concen: 47.638 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



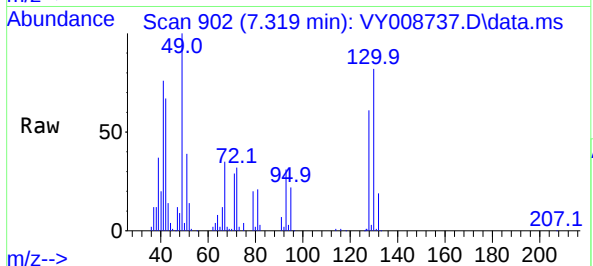
Tgt Ion: 78 Resp: 480392
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 50.665 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

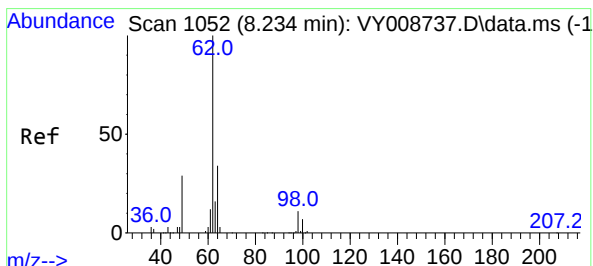
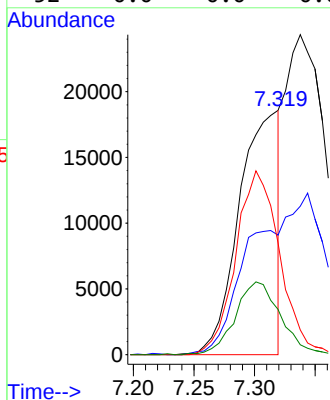
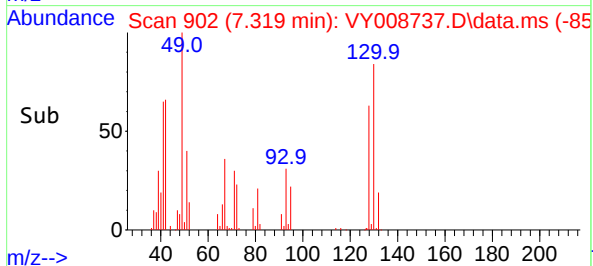
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



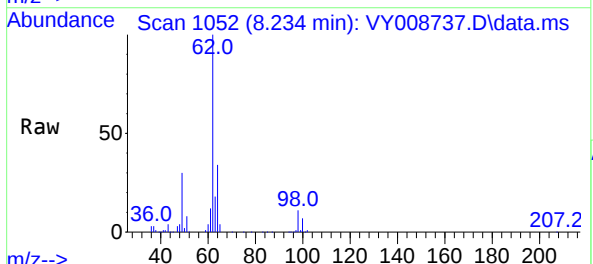
Tgt Ion: 41 Resp: 42935
Ion Ratio Lower Upper
41 100
39 121.2 97.1 145.7
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

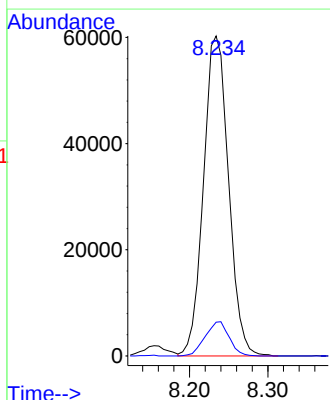
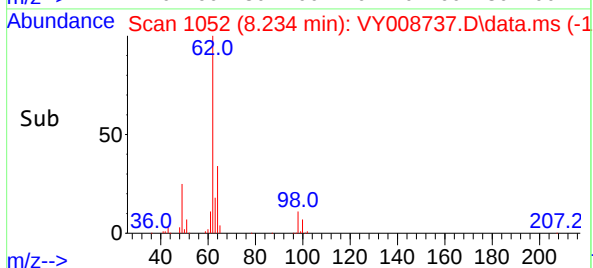
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

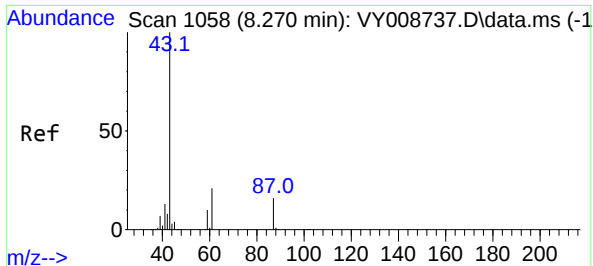


#42
1,2-Dichloroethane
Concen: 47.399 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



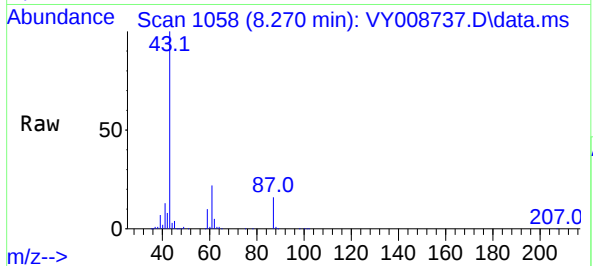
Tgt Ion: 62 Resp: 133869
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.6





#43
Isopropyl Acetate
Concen: 47.655 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

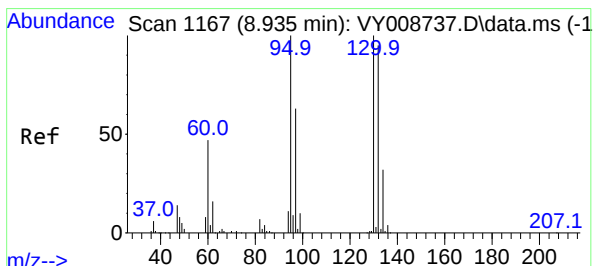
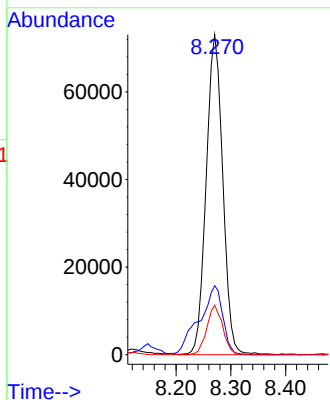
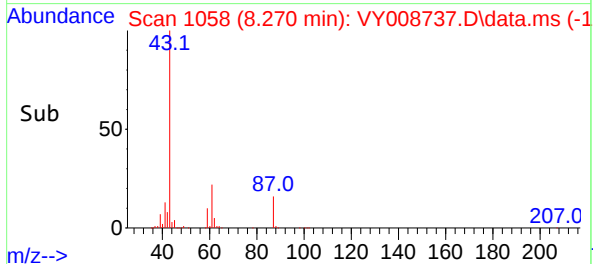
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 153270
Ion Ratio Lower Upper
43 100
61 30.7 24.6 36.8
87 14.8 11.8 17.8

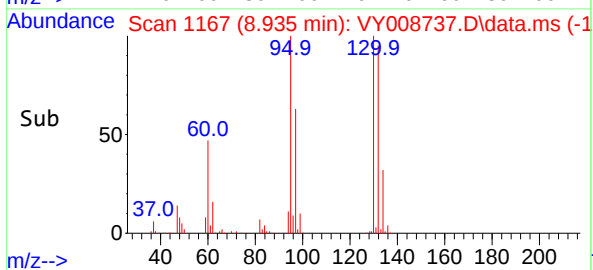
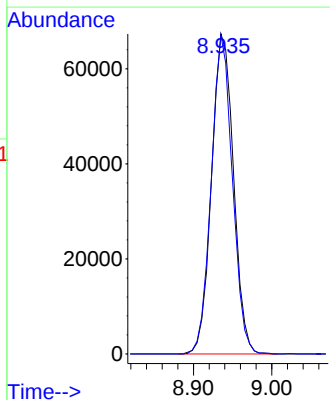
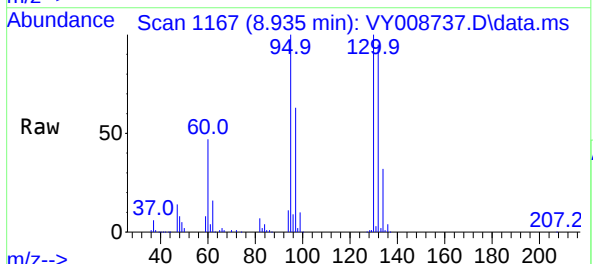
Manual Integrations
APPROVED

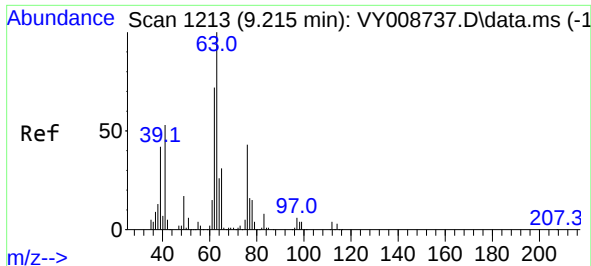
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 45.260 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion:130 Resp: 130926
Ion Ratio Lower Upper
130 100
95 99.6 0.0 199.2





#45

1,2-Dichloropropane

Concen: 49.209 ug/l

RT: 9.215 min Scan# 11746

Delta R.T. 0.000 min

Lab File: VY008737.D

Acq: 12 May 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11746

Ion Ratio Lower Upper

63 100

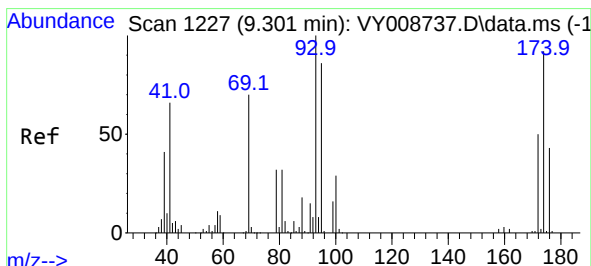
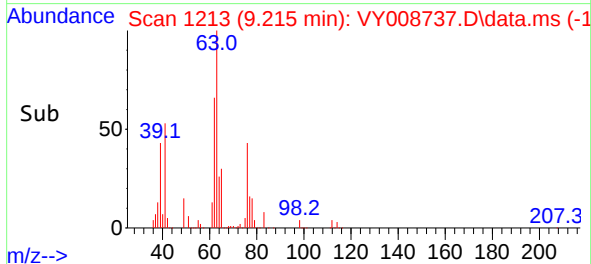
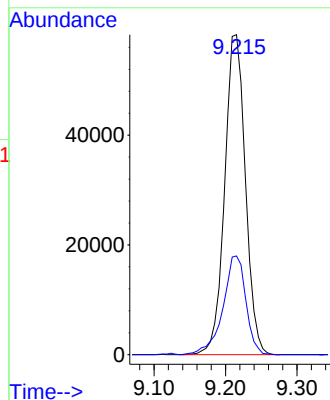
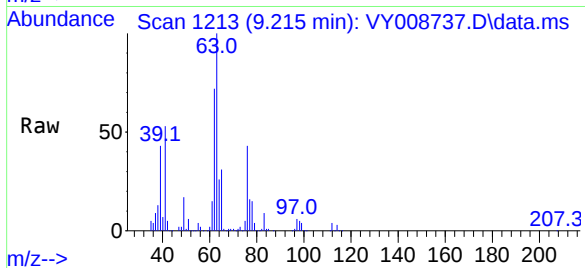
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 46.774 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008737.D

Acq: 12 May 2022 16:43

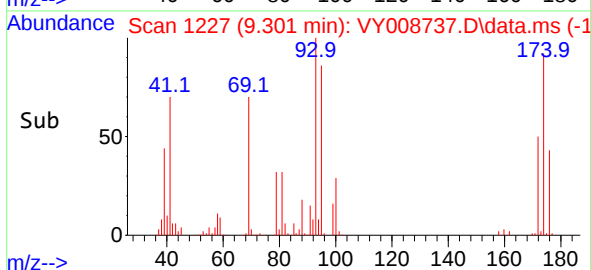
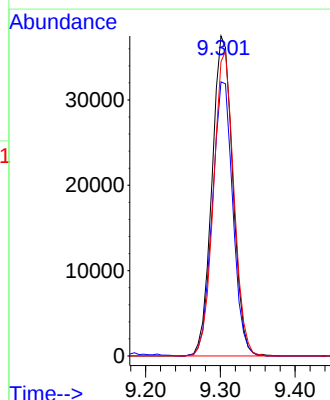
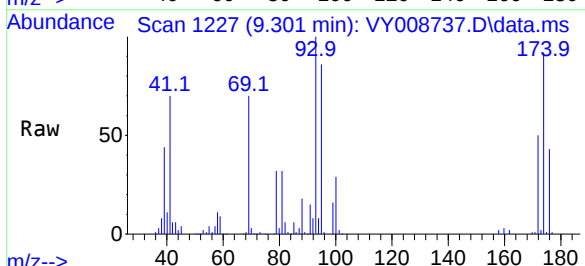
Tgt Ion: 93 Resp: 72586

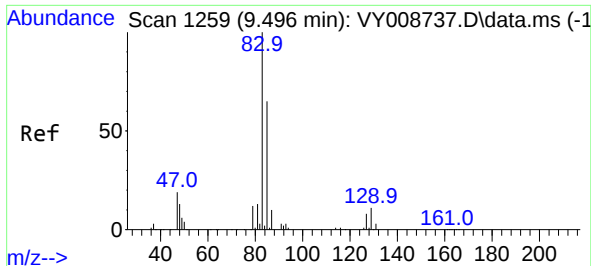
Ion Ratio Lower Upper

93 100

95 84.3 67.4 101.2

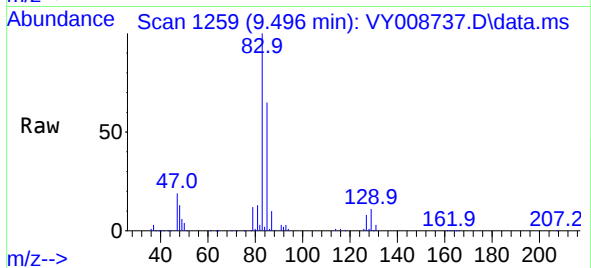
174 92.7 74.2 111.2





#47
Bromodichloromethane
Concen: 47.923 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

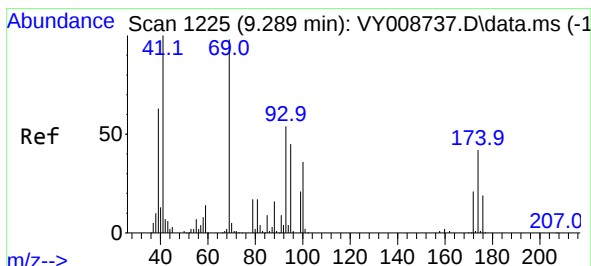
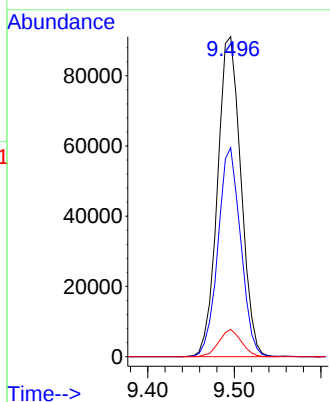
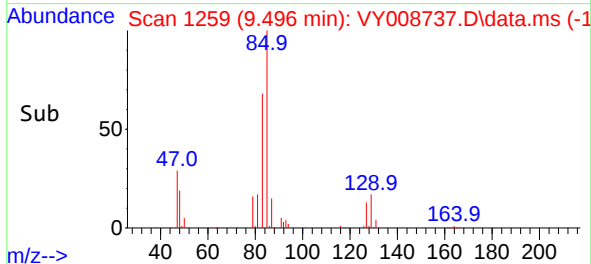
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



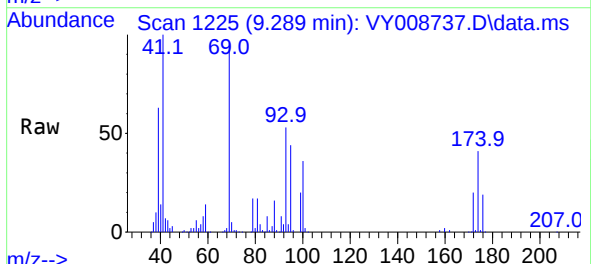
Tgt Ion: 83 Resp: 17101
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4
127 8.5 6.8 10.2

Manual Integrations
APPROVED

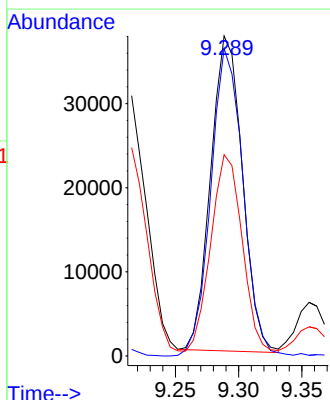
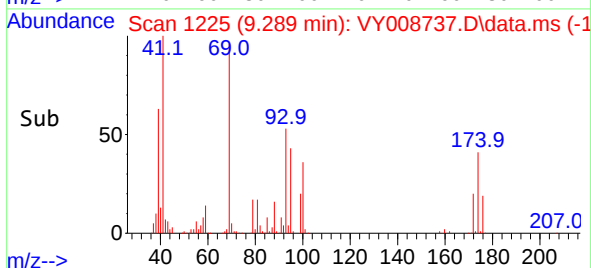
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

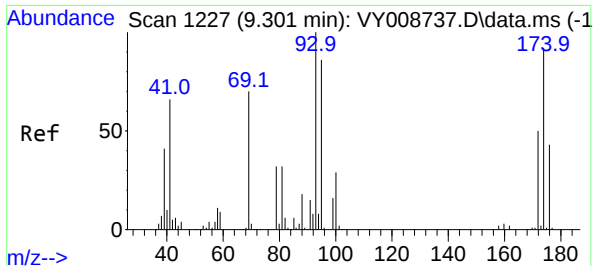


#48
Methyl methacrylate
Concen: 46.137 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion: 41 Resp: 65189
Ion Ratio Lower Upper
41 100
69 99.2 79.4 119.0
39 62.2 49.8 74.6





#49

1,4-Dioxane

Concen: 860.980 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008737.D

Acq: 12 May 2022 16:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 17300

Ion Ratio Lower Upper

88 100

43 30.2 24.2 36.2

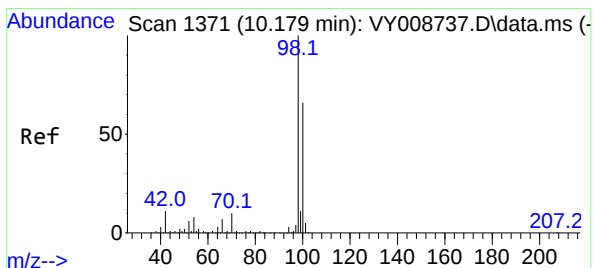
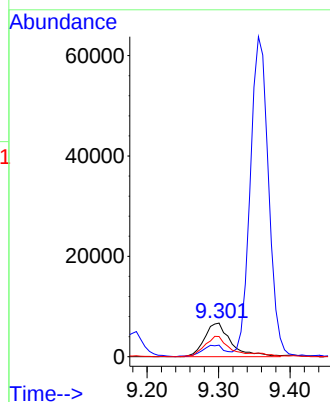
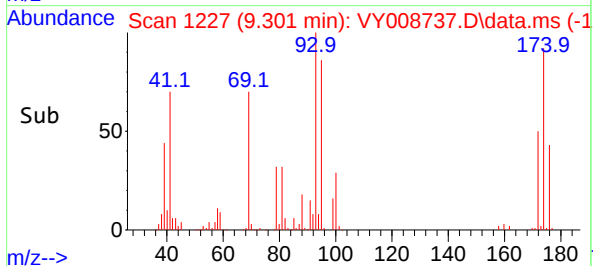
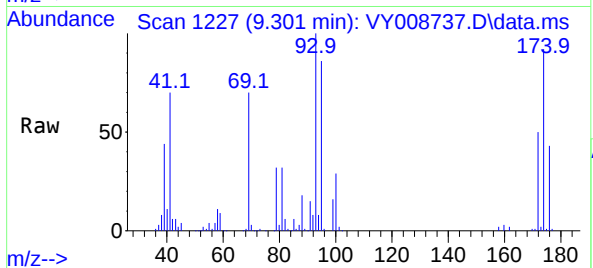
58 57.1 45.7 68.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 45.622 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008737.D

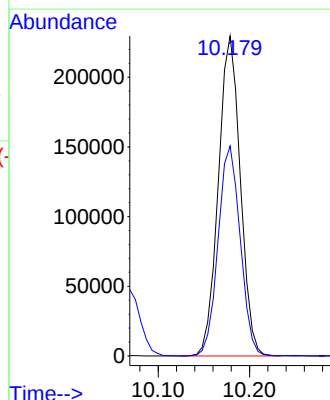
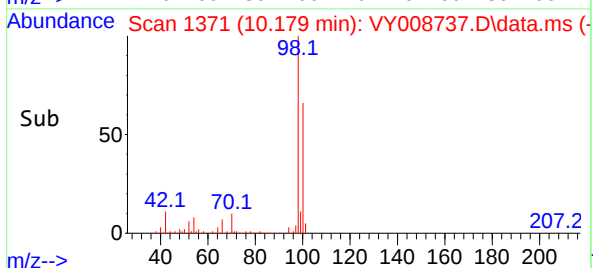
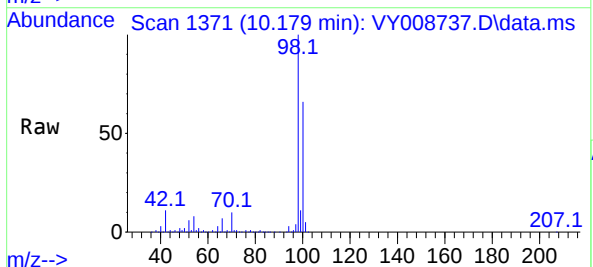
Acq: 12 May 2022 16:43

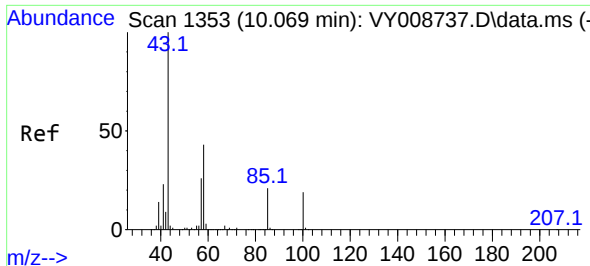
Tgt Ion: 98 Resp: 383861

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2





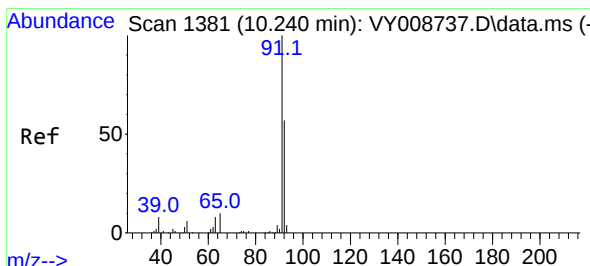
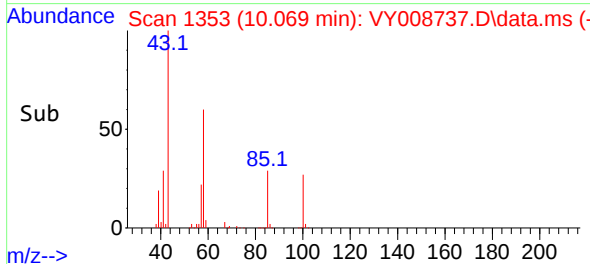
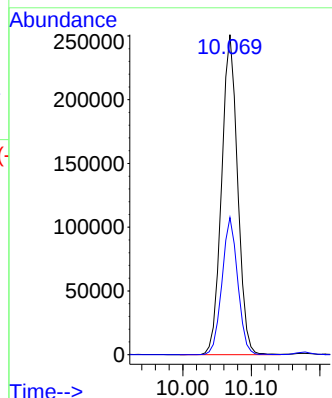
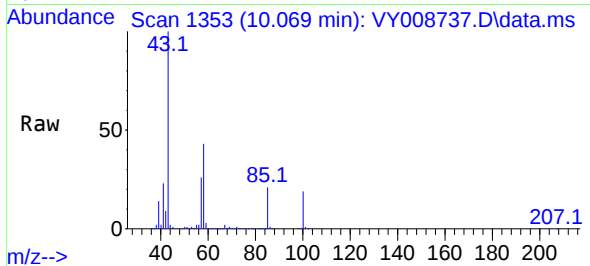
#51
4-Methyl-2-Pentanone
Concen: 249.184 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 40545
Ion Ratio Lower Upper
43 100
58 42.0 33.6 50.4

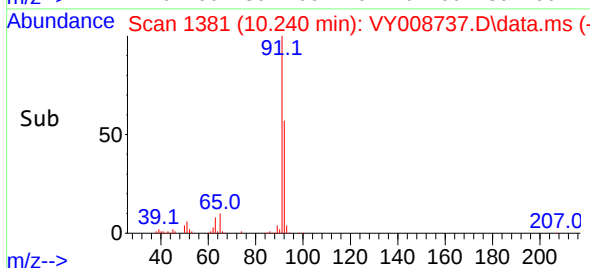
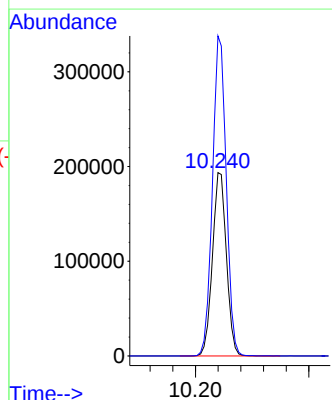
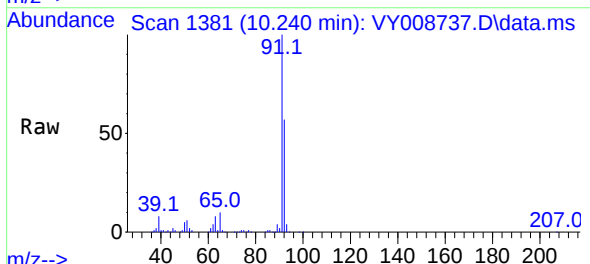
Manual Integrations
APPROVED

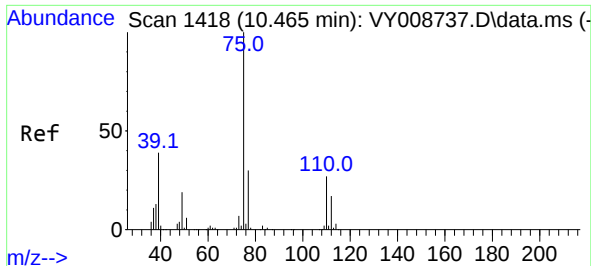
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 49.813 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion: 92 Resp: 330160
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4





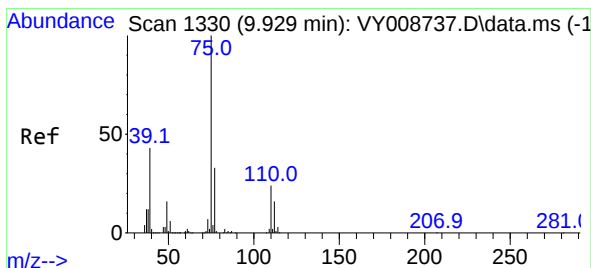
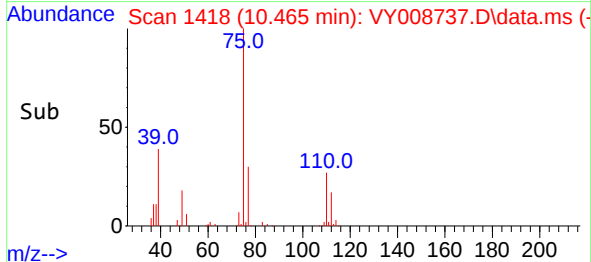
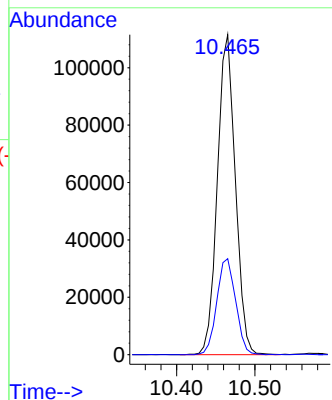
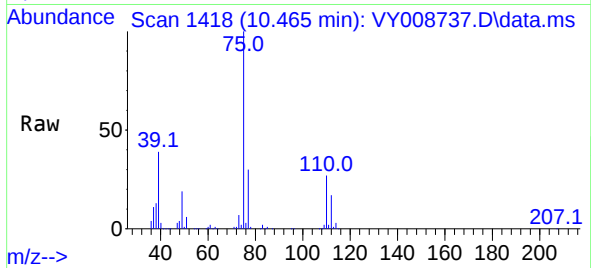
#53
t-1,3-Dichloropropene
Concen: 48.698 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 177944
Ion Ratio Lower Upper
75 100
77 30.0 24.0 36.0

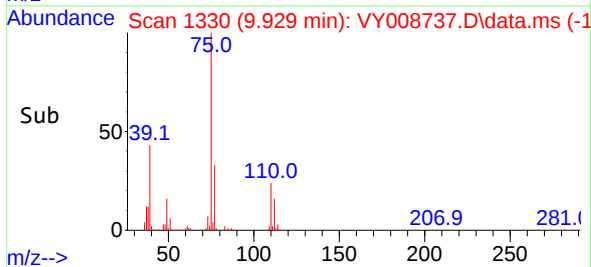
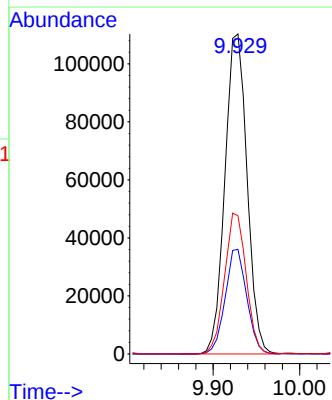
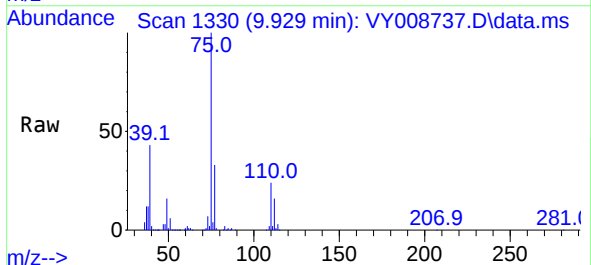
Manual Integrations
APPROVED

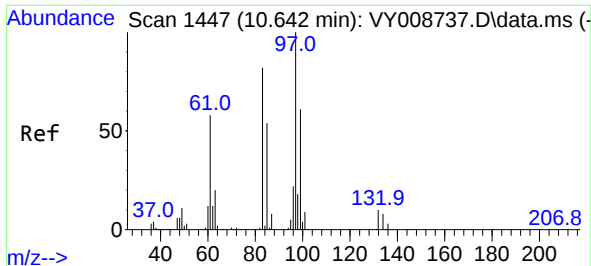
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#54
cis-1,3-Dichloropropene
Concen: 47.547 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

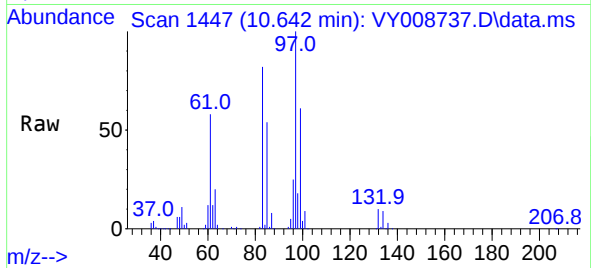
Tgt Ion: 75 Resp: 196195
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
39 43.2 34.6 51.8





#55
1,1,2-Trichloroethane
Concen: 47.081 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

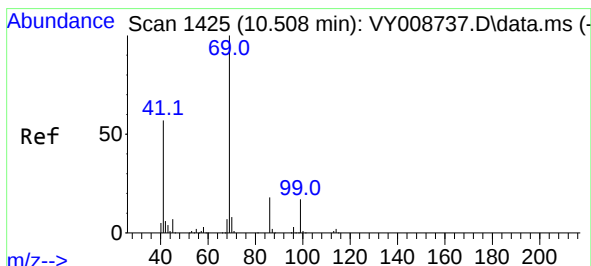
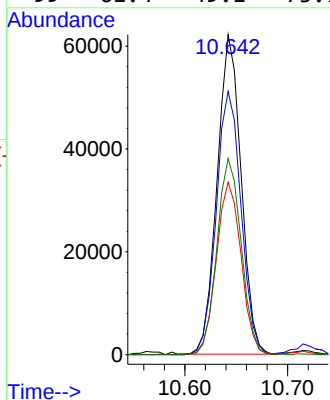
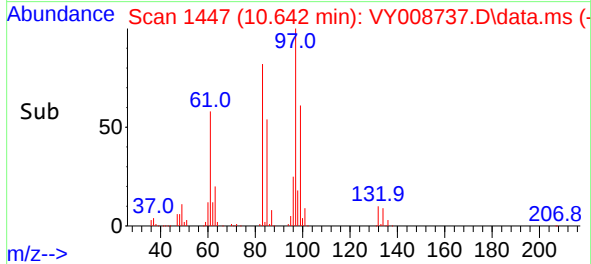


Tgt Ion: 97 Resp: 100638

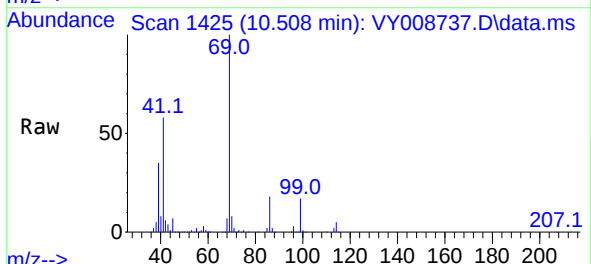
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.9	98.9
85	54.0	43.2	64.8
99	61.4	49.1	73.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

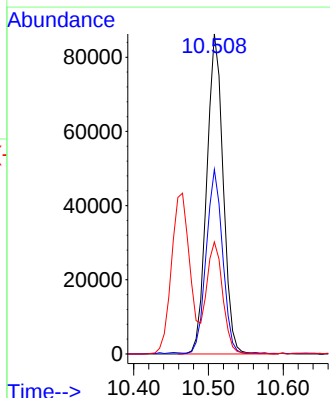
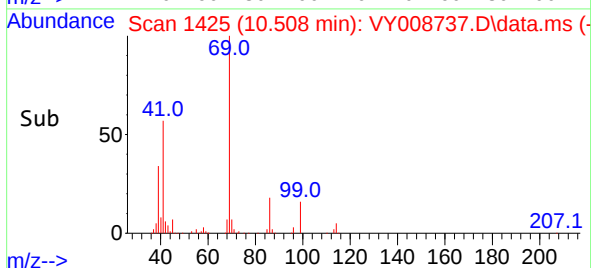


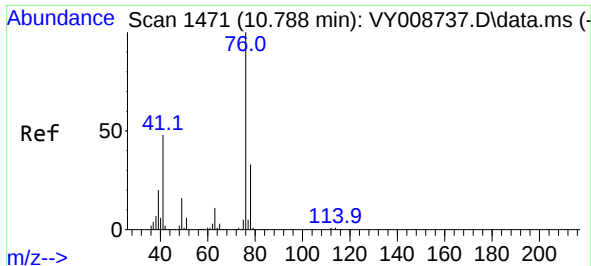
#56
Ethyl methacrylate
Concen: 47.537 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion: 69 Resp: 131626

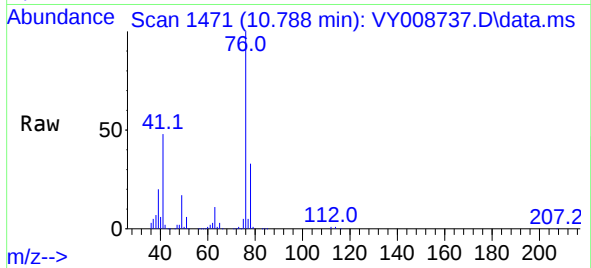
Ion	Ratio	Lower	Upper
69	100		
41	56.9	45.5	68.3
39	33.2	26.6	39.8





#57
1,3-Dichloropropane
Concen: 47.361 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

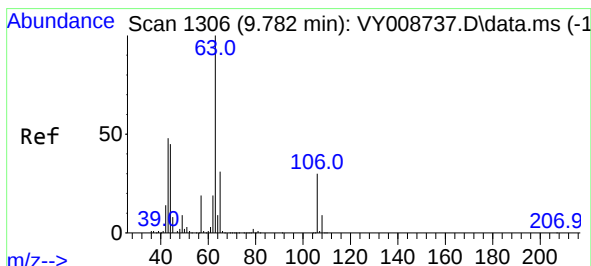
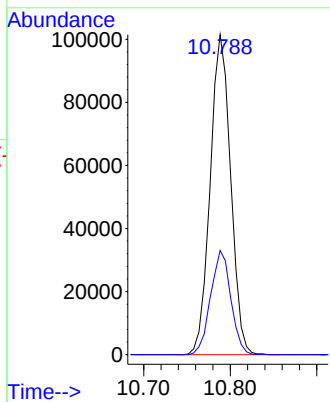
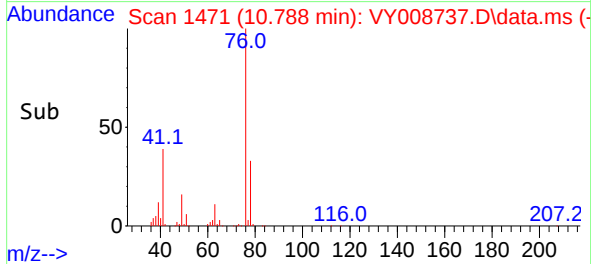
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



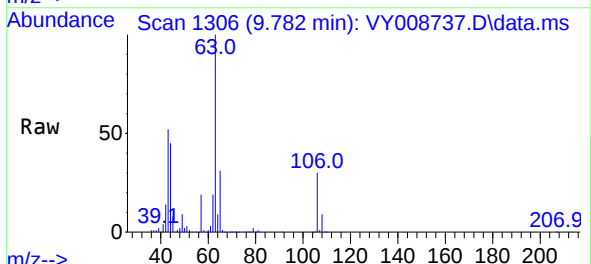
Tgt Ion: 76 Resp: 166350
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

Manual Integrations
APPROVED

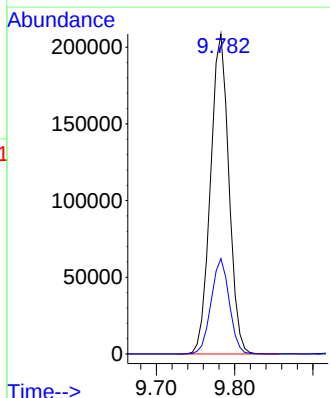
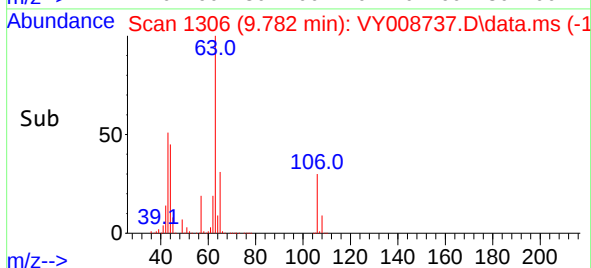
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

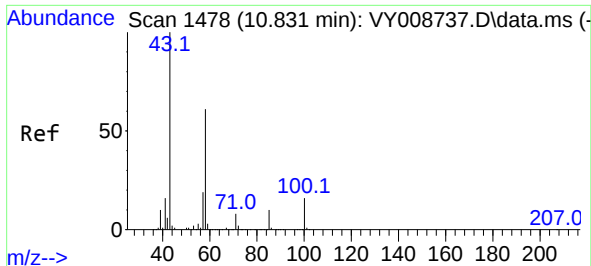


#58
2-Chloroethyl Vinyl ether
Concen: 277.531 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



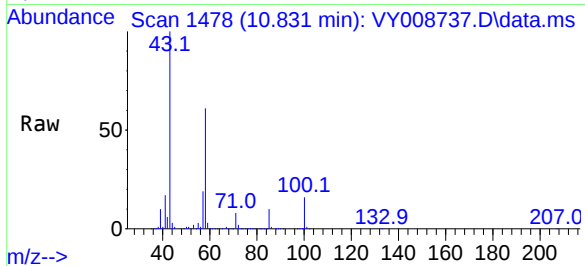
Tgt Ion: 63 Resp: 339487
Ion Ratio Lower Upper
63 100
106 29.4 23.5 35.3





#59
2-Hexanone
Concen: 247.245 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

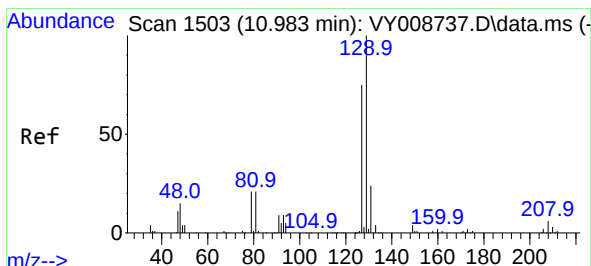
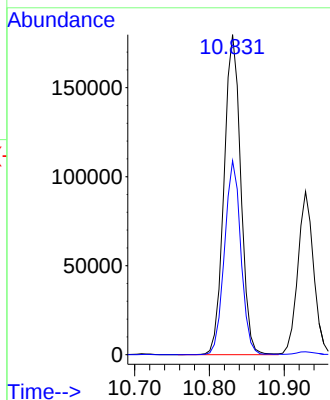
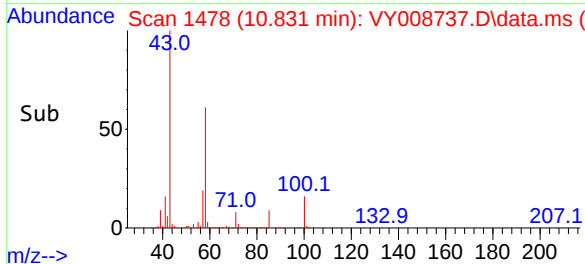
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



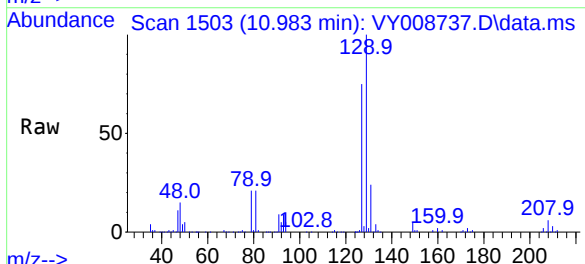
Tgt Ion: 43 Resp: 279692
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.8

Manual Integrations
APPROVED

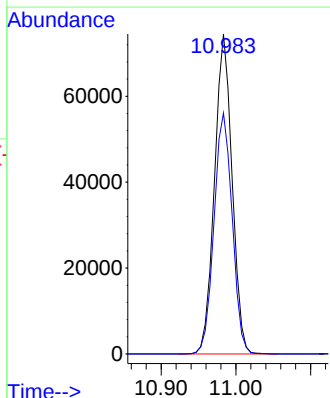
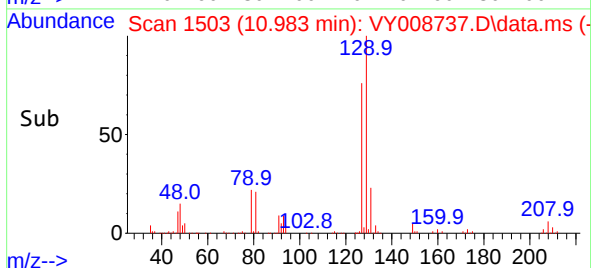
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

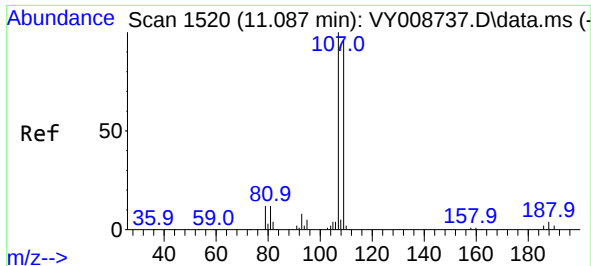


#60
Dibromochloromethane
Concen: 47.026 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion:129 Resp: 122145
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





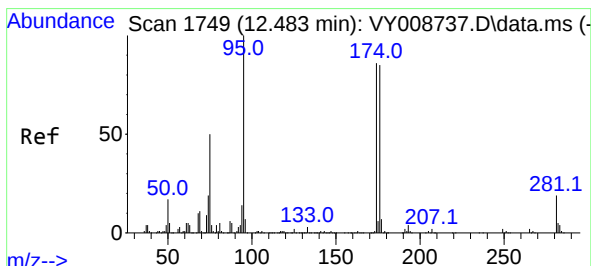
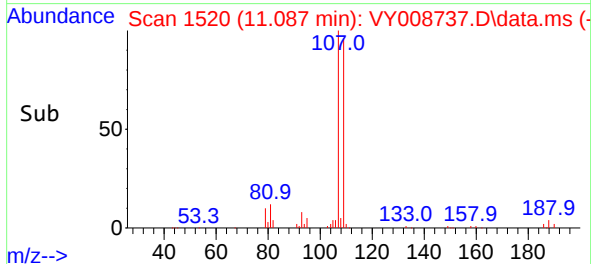
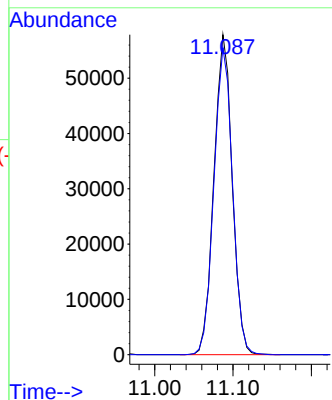
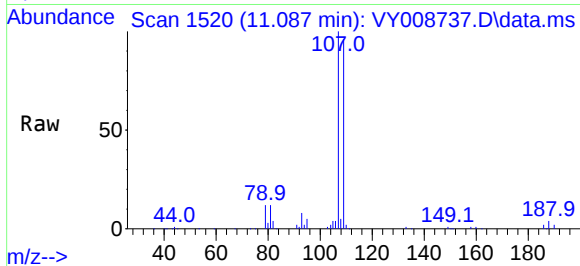
#61
1,2-Dibromoethane
Concen: 44.619 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 93870
Ion Ratio Lower Upper
107 100
109 97.8 78.2 117.4

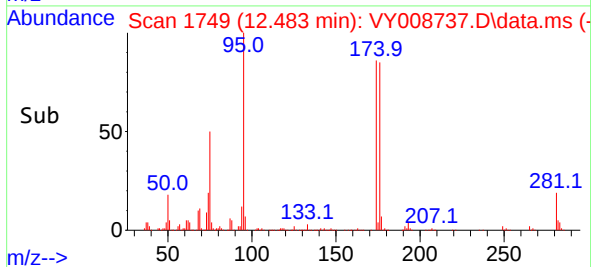
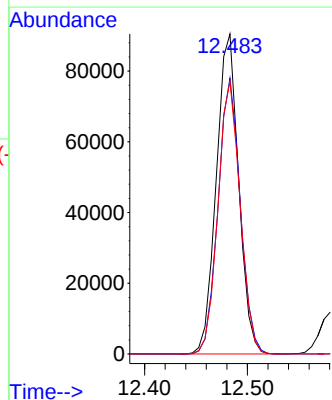
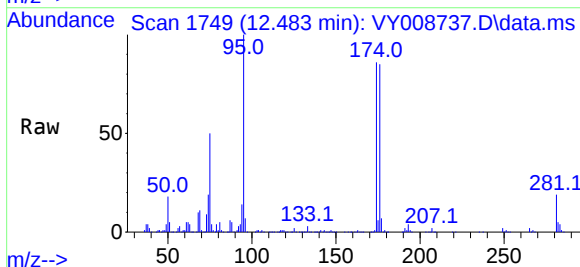
Manual Integrations
APPROVED

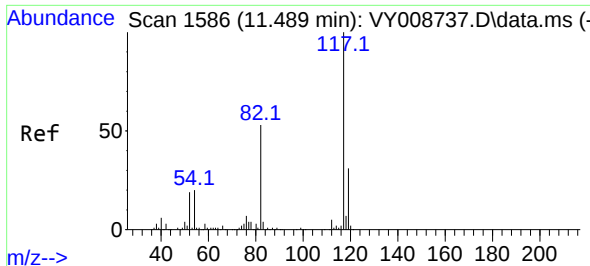
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 45.912 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

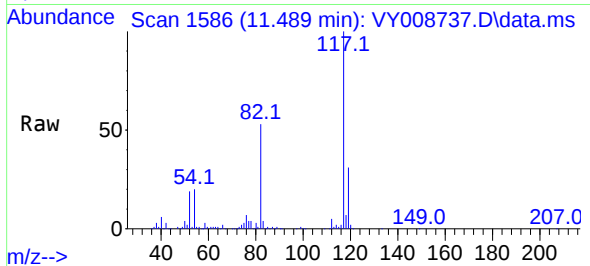
Tgt Ion: 95 Resp: 136229
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.2
176 84.4 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

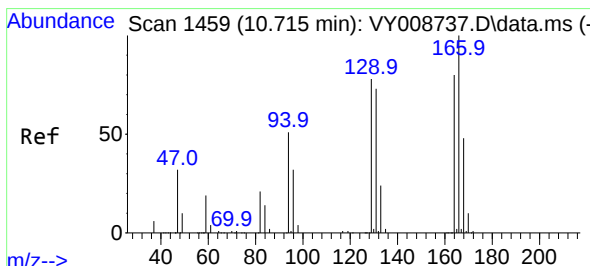
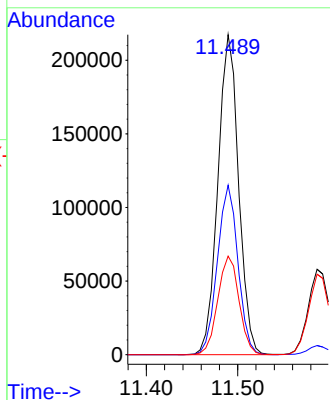
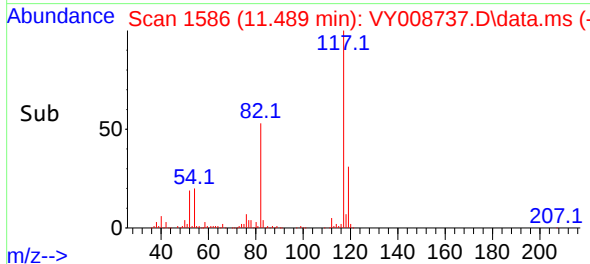
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



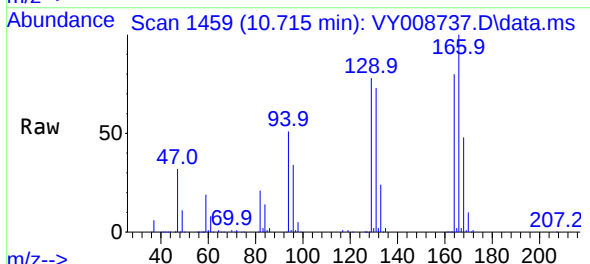
Tgt Ion:117 Resp: 342520
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 30.8 24.6 37.0

Manual Integrations
APPROVED

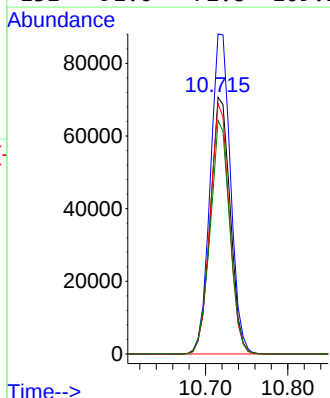
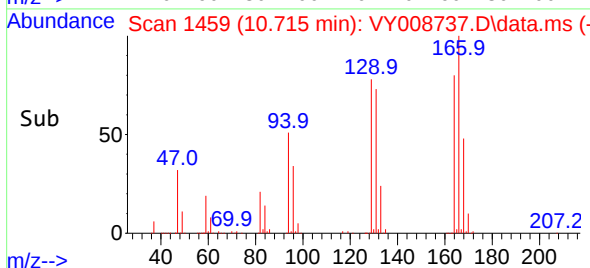
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

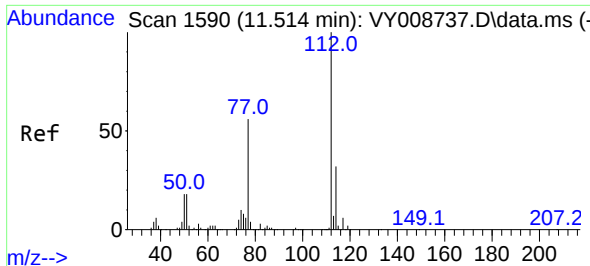


#64
Tetrachloroethene
Concen: 46.021 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



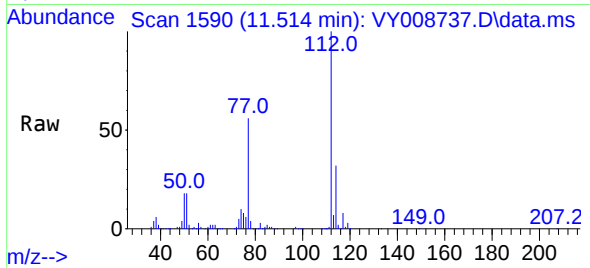
Tgt Ion:164 Resp: 118691
Ion Ratio Lower Upper
164 100
166 124.7 99.8 149.6
129 97.6 78.1 117.1
131 91.0 72.8 109.2





#65
Chlorobenzene
Concen: 46.686 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

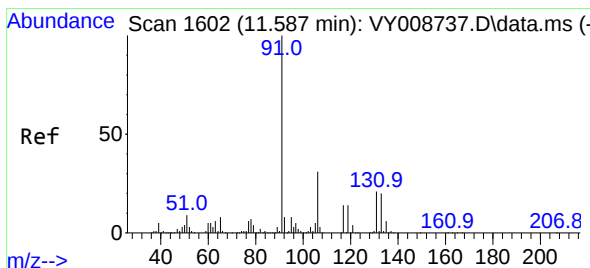
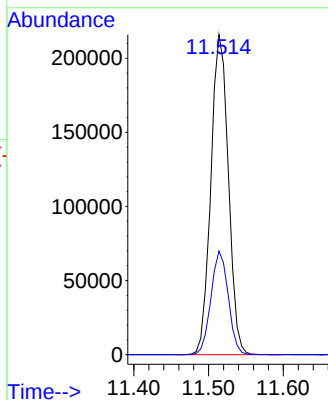
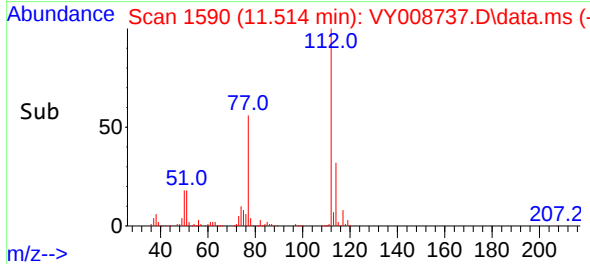
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



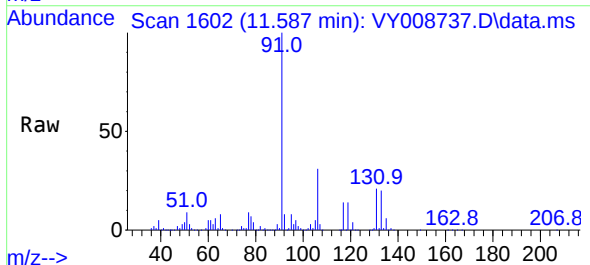
Tgt Ion:112 Resp: 35087
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

Manual Integrations
APPROVED

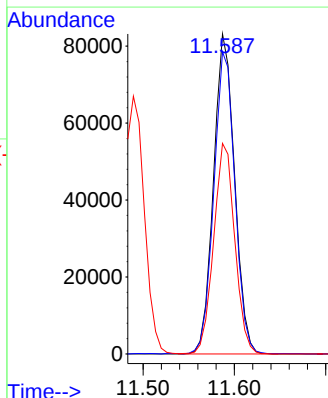
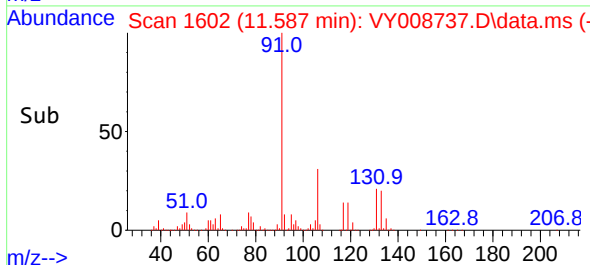
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

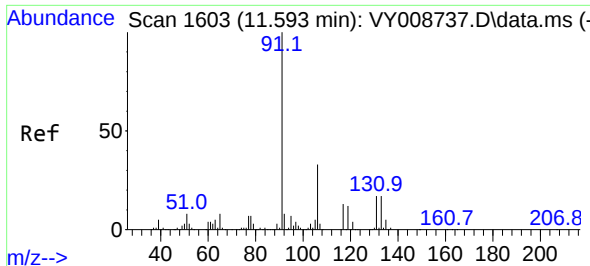


#66
1,1,1,2-Tetrachloroethane
Concen: 47.844 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



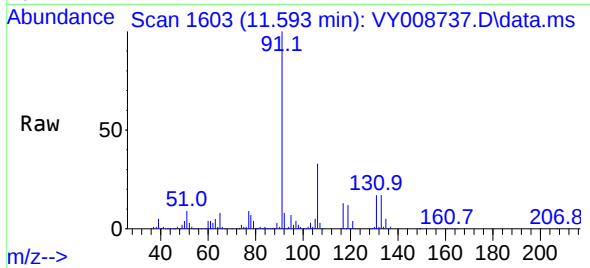
Tgt Ion:131 Resp: 132849
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 66.2 33.1 99.3





#67
Ethyl Benzene
Concen: 49.413 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

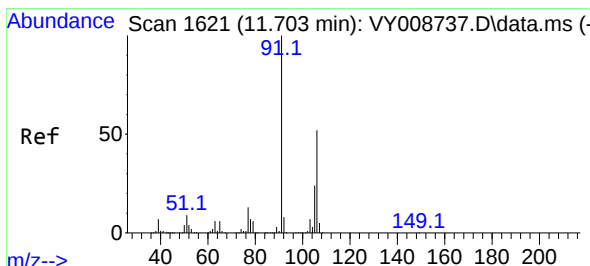
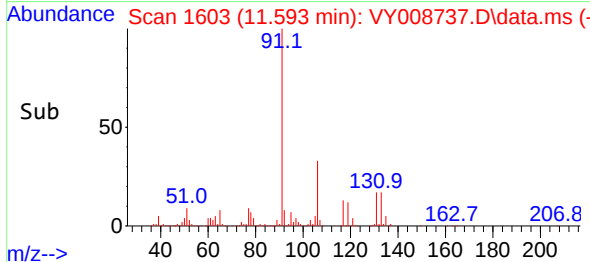
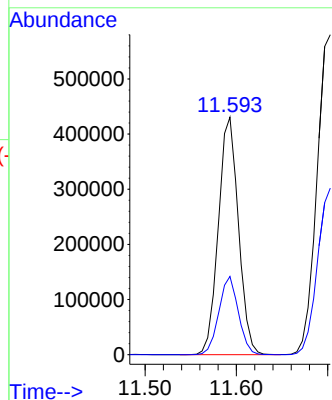
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 65748
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5

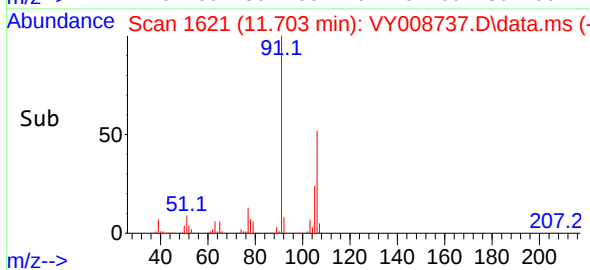
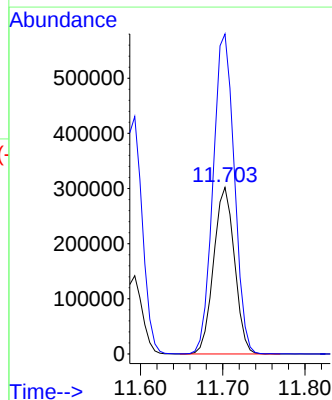
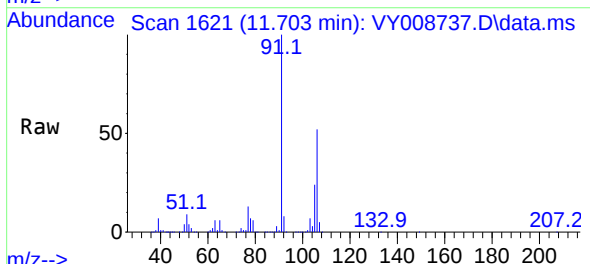
Manual Integrations
APPROVED

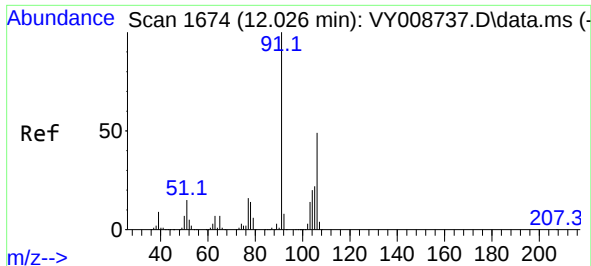
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
m/p-Xylenes
Concen: 100.802 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion:106 Resp: 533831
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6





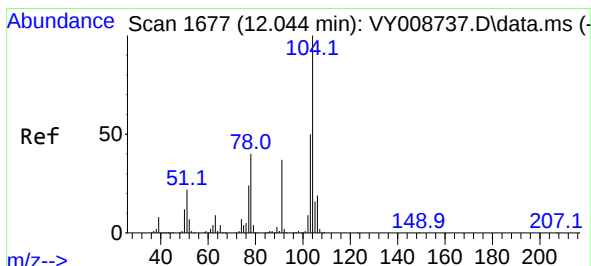
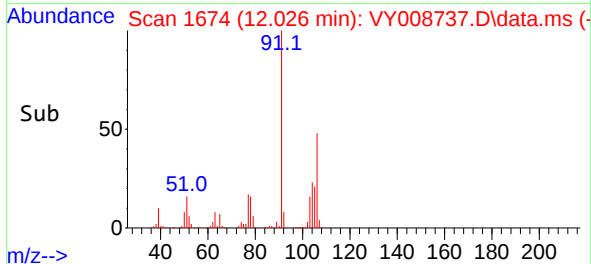
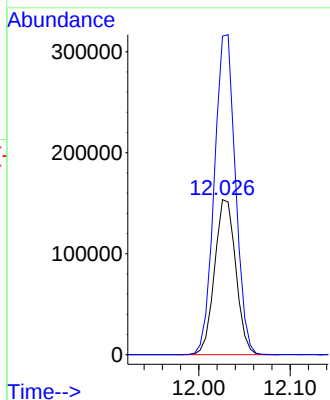
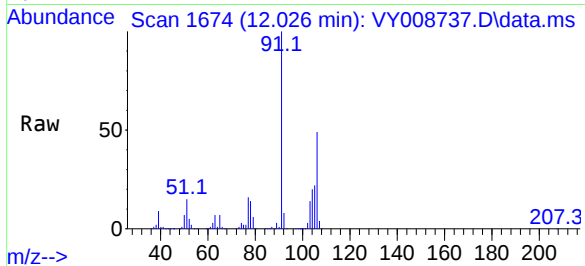
#69
o-Xylene
Concen: 49.154 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 247889
Ion Ratio Lower Upper
106 100
91 205.4 102.7 308.1

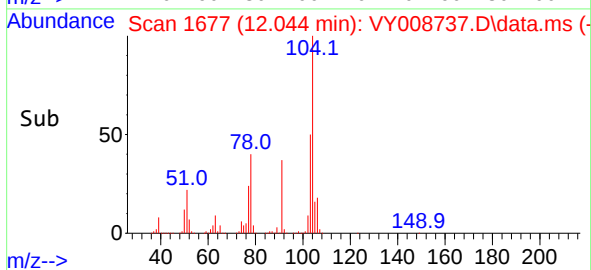
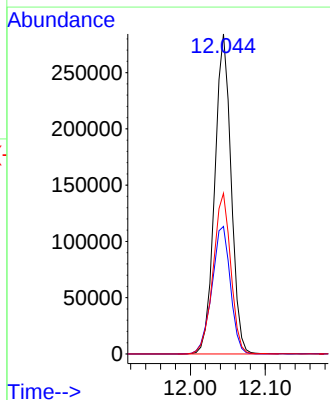
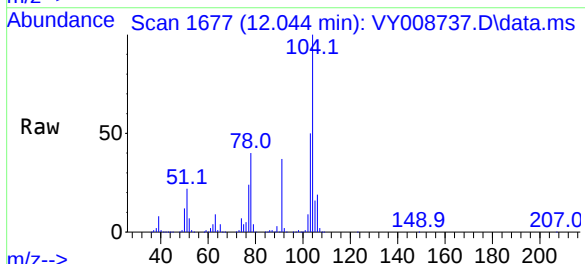
Manual Integrations
APPROVED

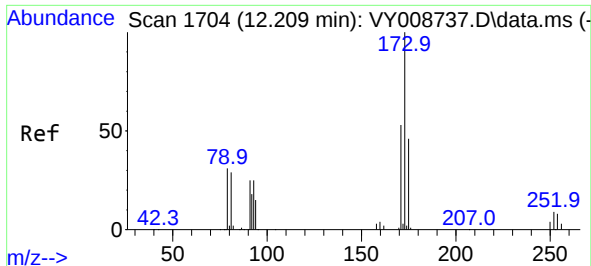
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 52.024 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

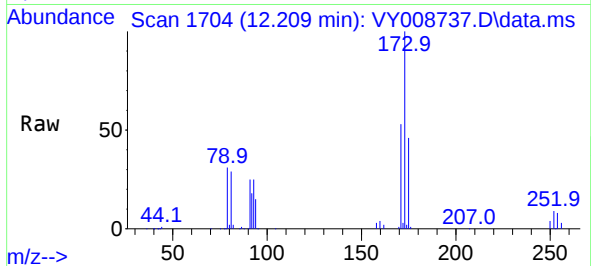
Tgt Ion:104 Resp: 432686
Ion Ratio Lower Upper
104 100
78 44.9 35.9 53.9
103 53.9 43.1 64.7





#71
Bromoform
Concen: 46.443 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

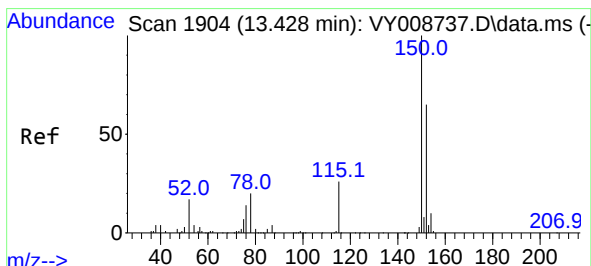
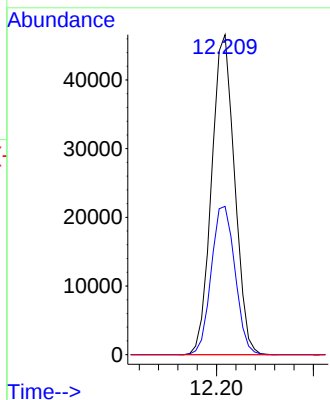
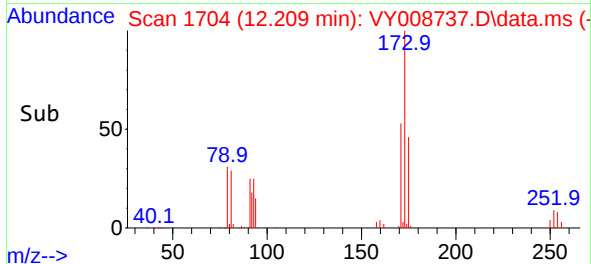
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



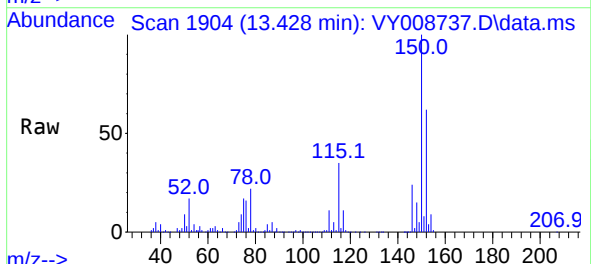
Tgt Ion:173 Resp: 76788
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

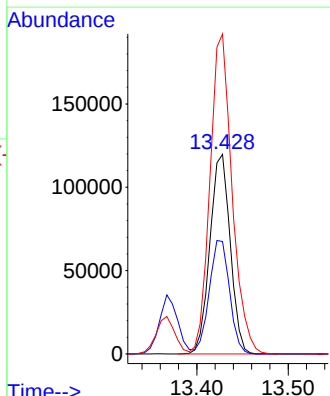
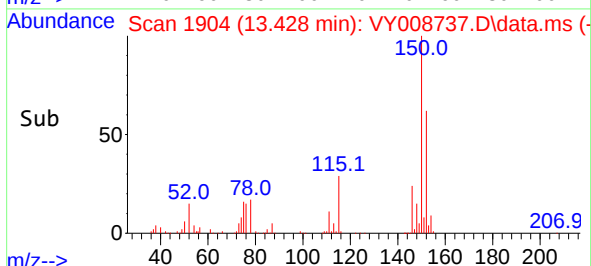
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

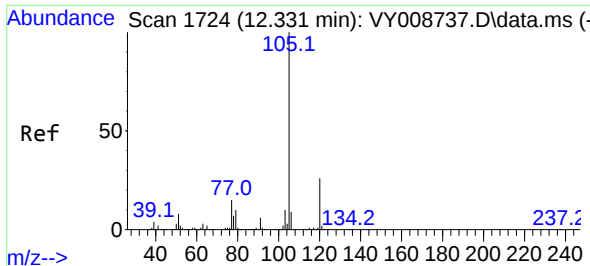


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion:152 Resp: 185089
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 174.1 0.0 348.2





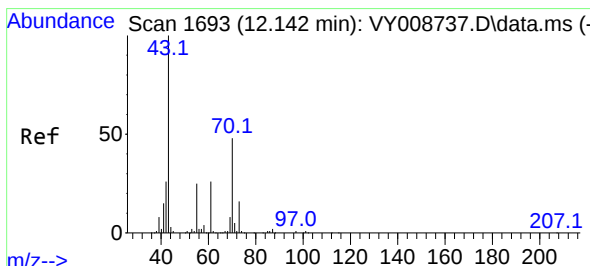
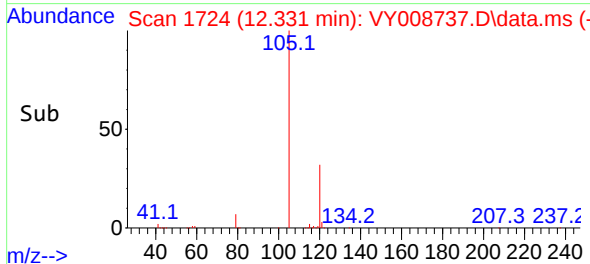
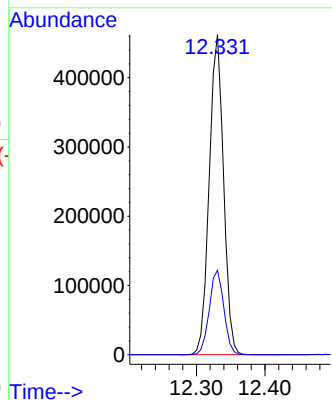
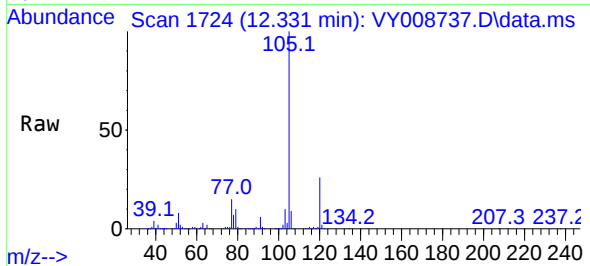
#73
Isopropylbenzene
Concen: 45.119 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 672229
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

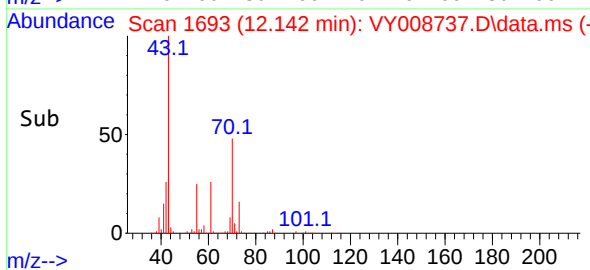
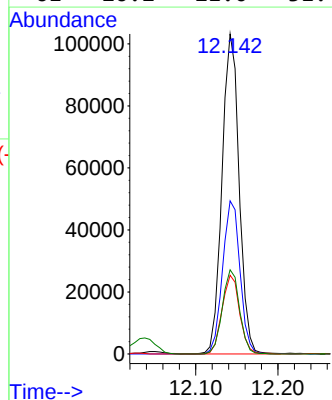
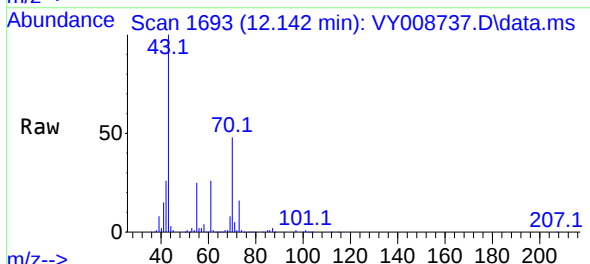
Manual Integrations
APPROVED

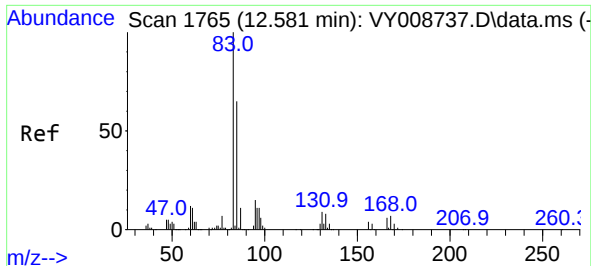
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 45.534 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion: 43 Resp: 149433
Ion Ratio Lower Upper
43 100
70 48.7 39.0 58.4
55 25.3 20.2 30.4
61 26.2 21.0 31.4





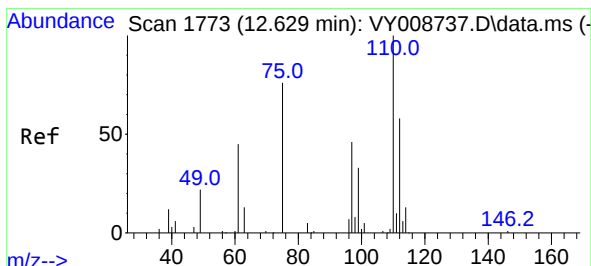
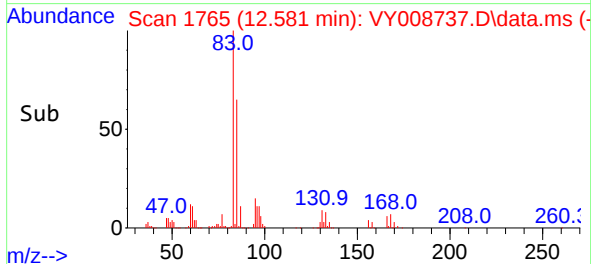
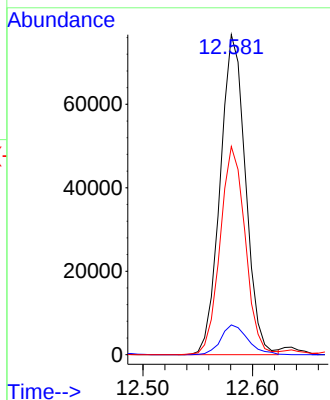
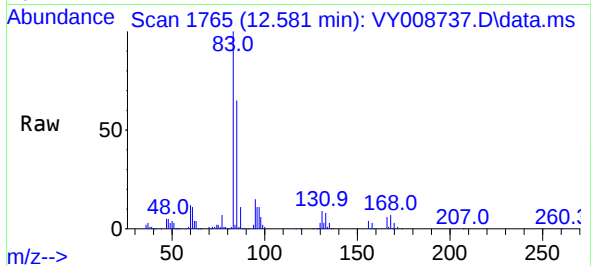
#75
1,1,2,2-Tetrachloroethane
Concen: 43.068 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 12325
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.4 32.2 96.6

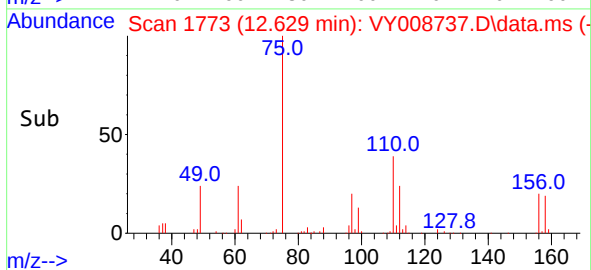
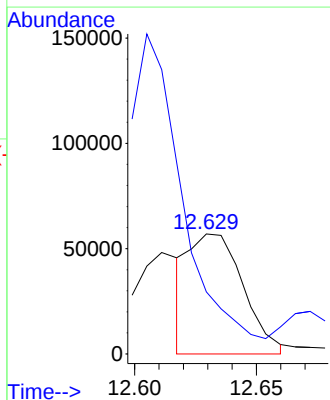
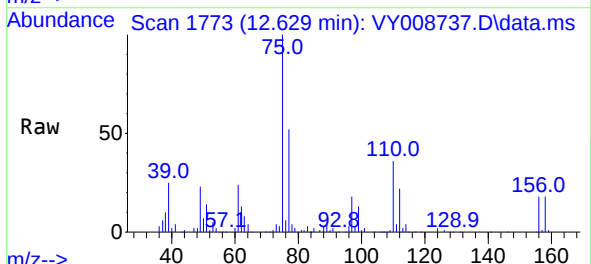
Manual Integrations
APPROVED

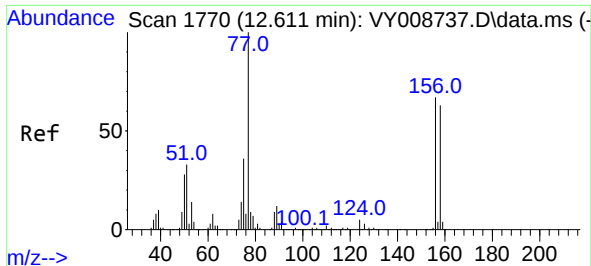
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#76
1,2,3-Trichloropropane
Concen: 40.545 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

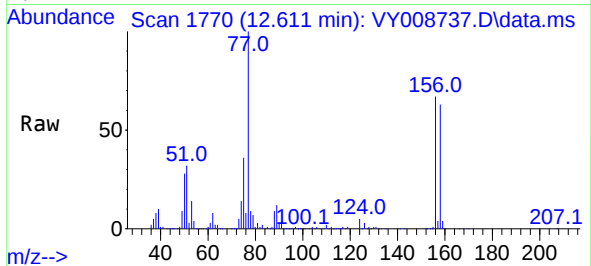
Tgt Ion: 75 Resp: 88430
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 42.561 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

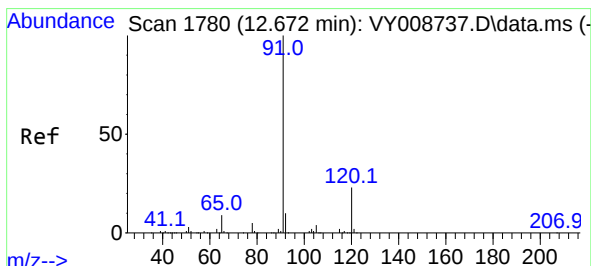
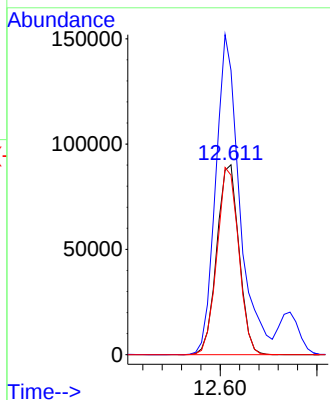
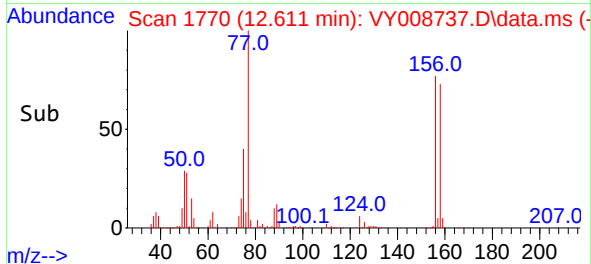
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



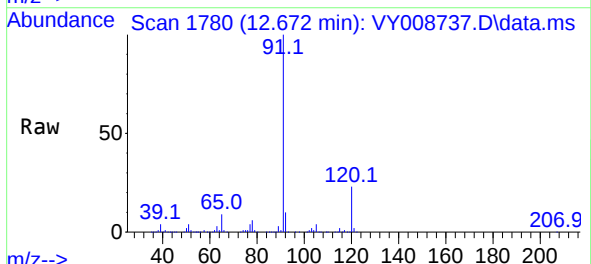
Tgt Ion: 156 Resp: 143600
Ion Ratio Lower Upper
156 100
77 182.2 91.1 273.3
158 96.4 48.2 144.6

Manual Integrations
APPROVED

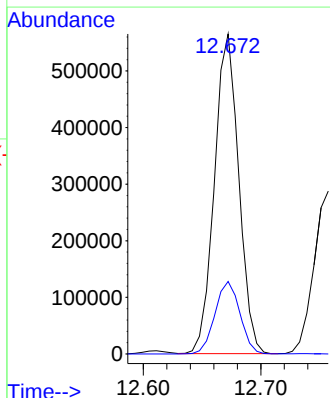
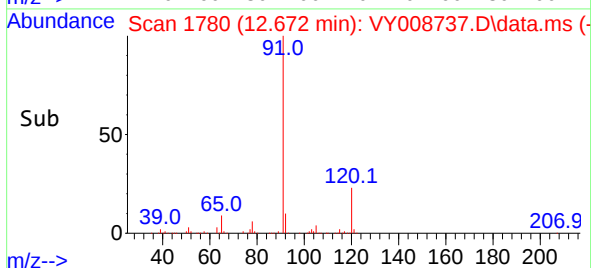
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

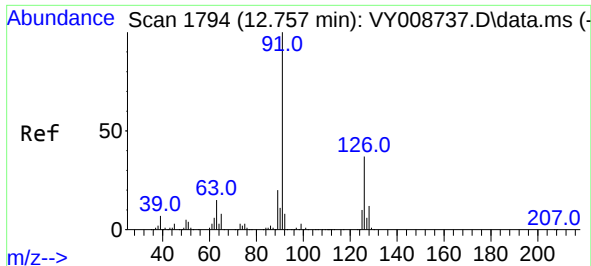


#78
n-propylbenzene
Concen: 46.052 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion: 91 Resp: 813880
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





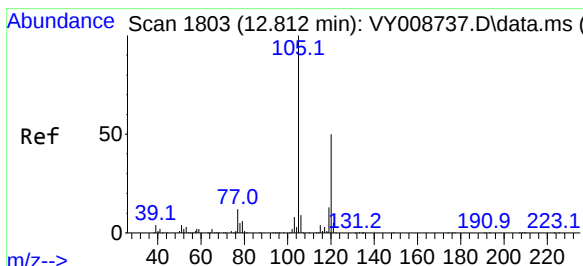
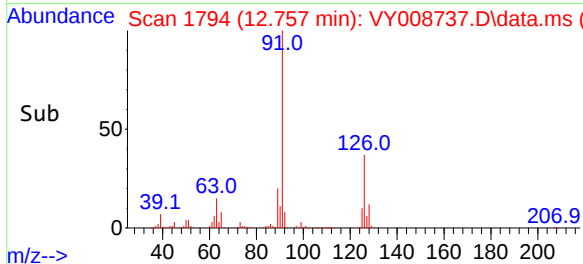
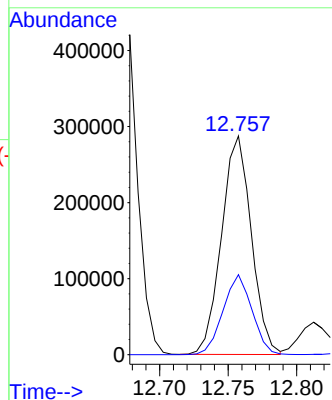
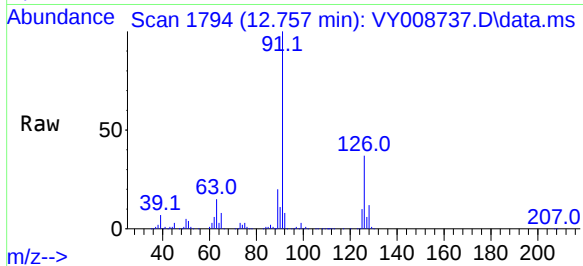
#79
2-Chlorotoluene
Concen: 44.706 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 435519
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3

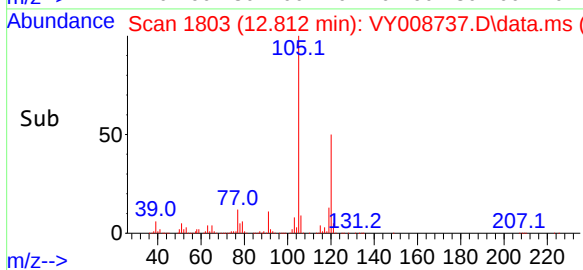
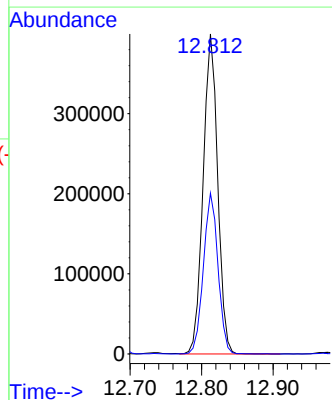
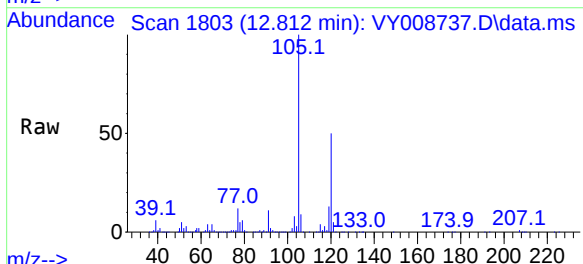
Manual Integrations
APPROVED

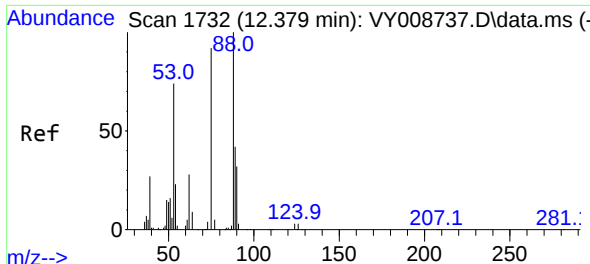
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.107 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

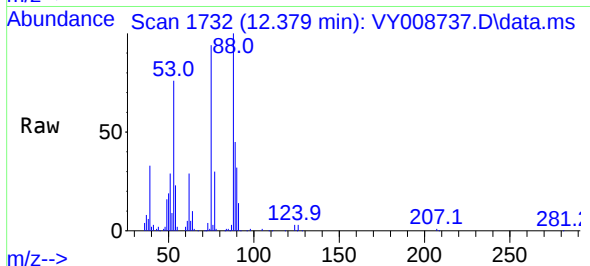
Tgt Ion:105 Resp: 564708
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 44.859 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

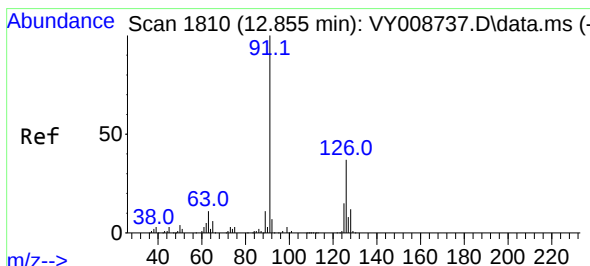
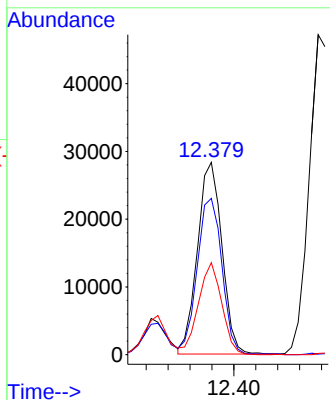
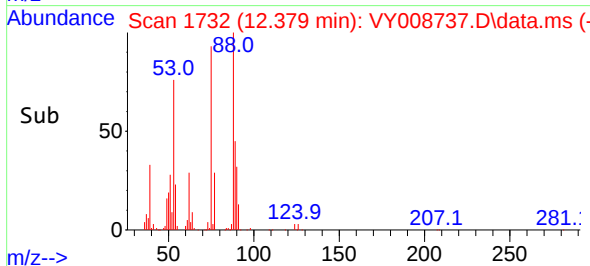
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 43869
Ion Ratio Lower Upper
75 100
53 82.9 66.3 99.5
89 46.0 36.8 55.2

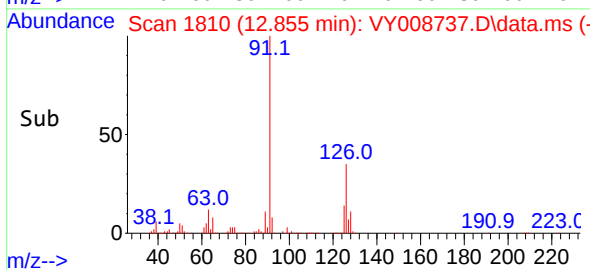
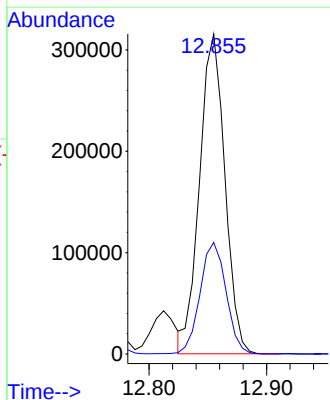
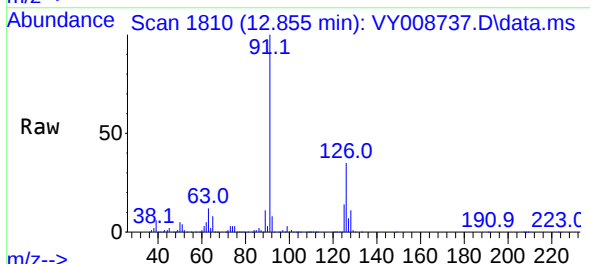
Manual Integrations
APPROVED

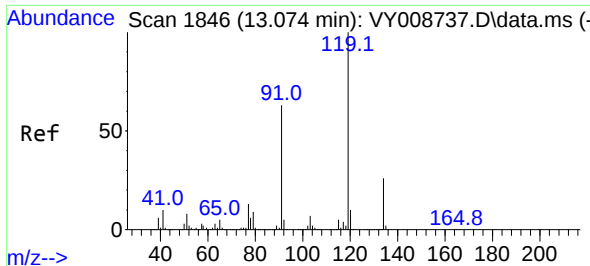
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 46.868 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion: 91 Resp: 472374
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8





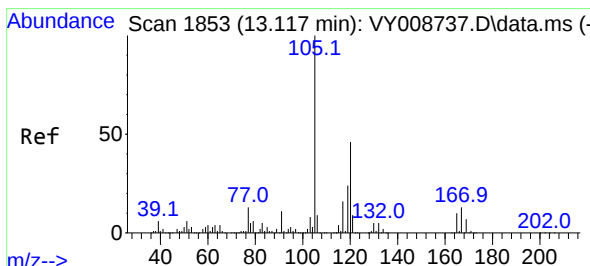
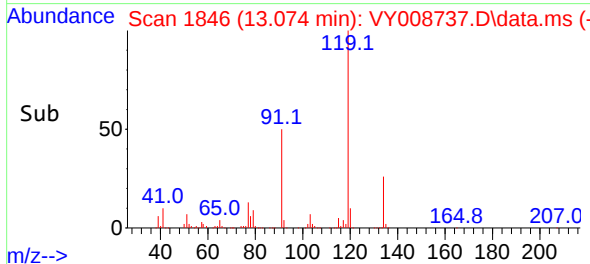
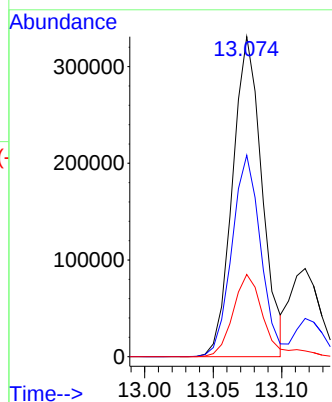
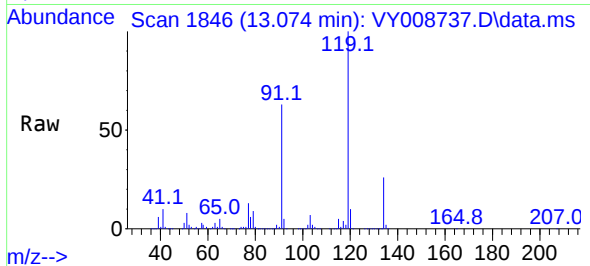
#83
tert-Butylbenzene
Concen: 45.626 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 49529
Ion Ratio Lower Upper
119 100
91 62.4 31.2 93.6
134 27.0 13.5 40.5

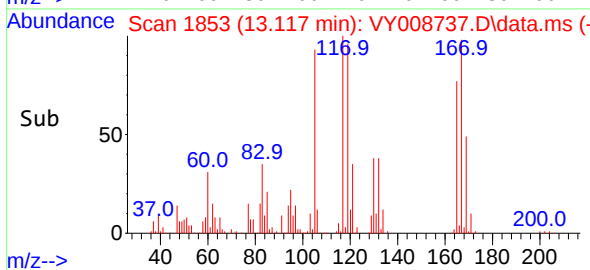
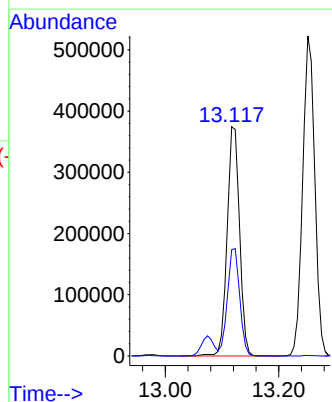
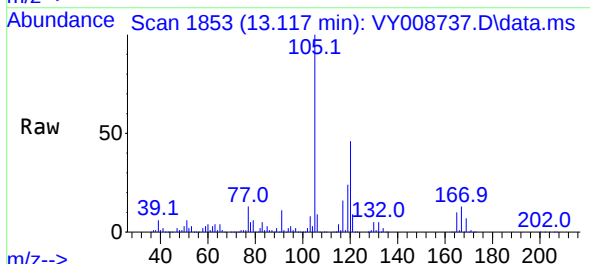
Manual Integrations
APPROVED

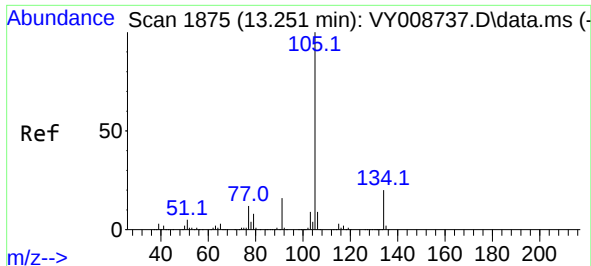
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 47.362 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Tgt Ion:105 Resp: 567946
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





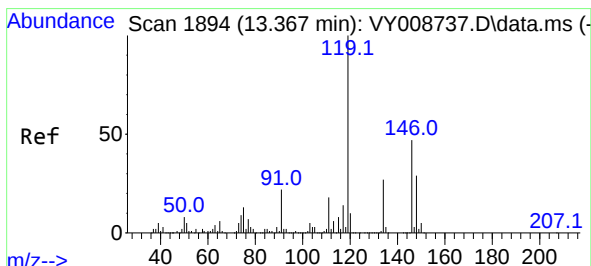
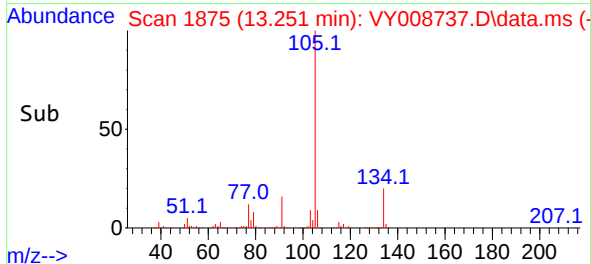
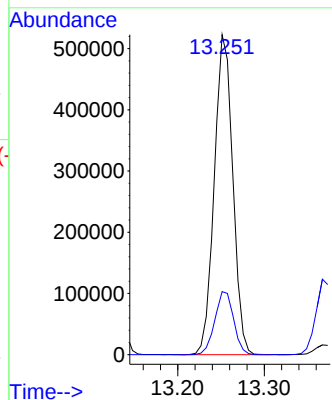
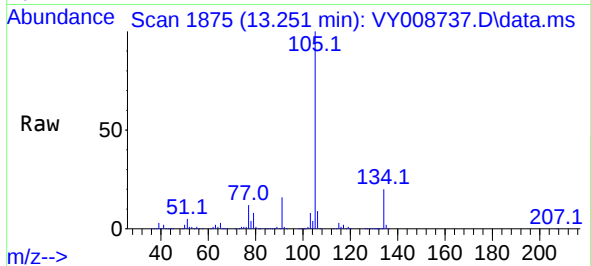
#85
 sec-Butylbenzene
 Concen: 47.741 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 774018
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

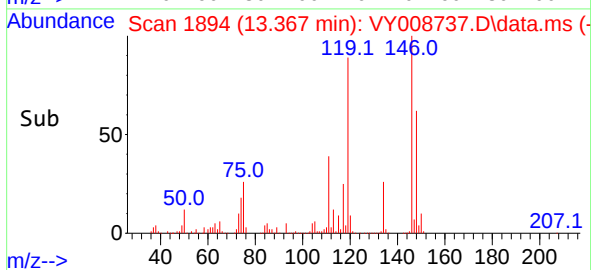
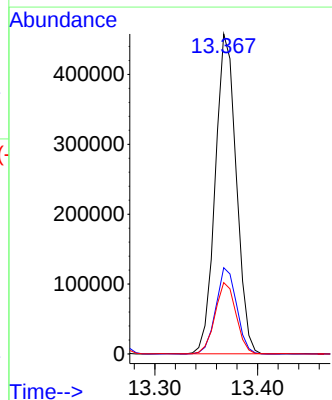
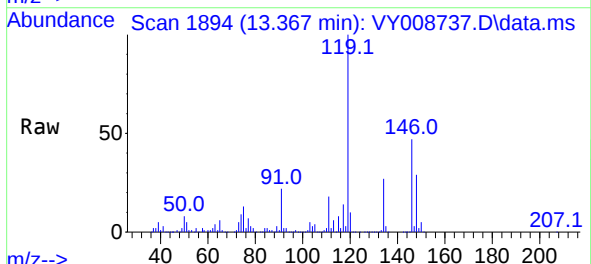
Manual Integrations
 APPROVED

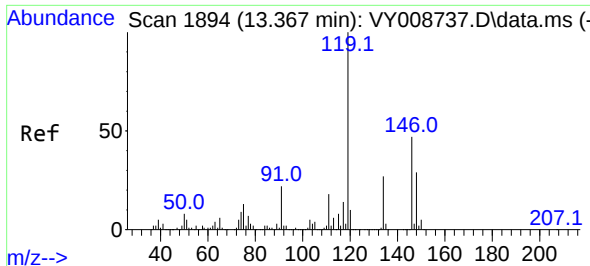
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 48.213 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008737.D
 Acq: 12 May 2022 16:43

Tgt Ion:119 Resp: 649521
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.2 11.1 33.3





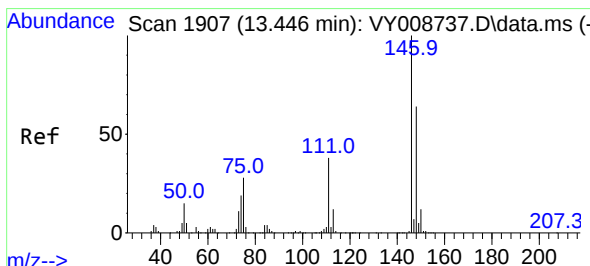
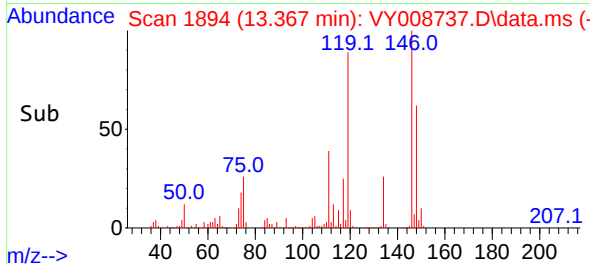
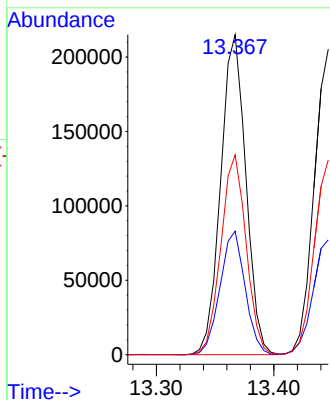
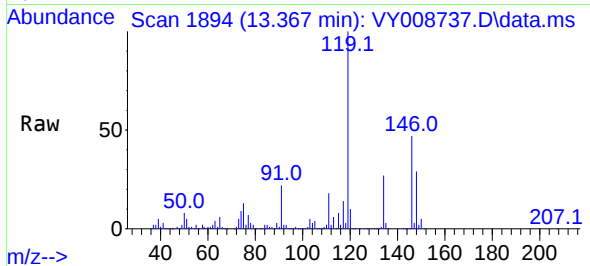
#87
1,3-Dichlorobenzene
Concen: 47.141 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 32036
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 62.8 31.4 94.2

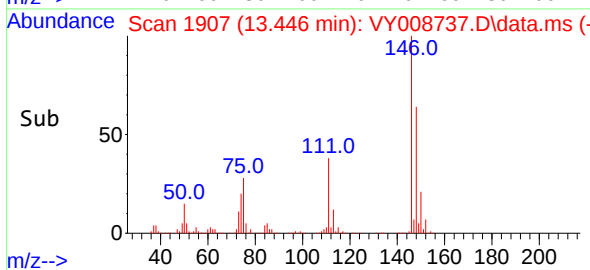
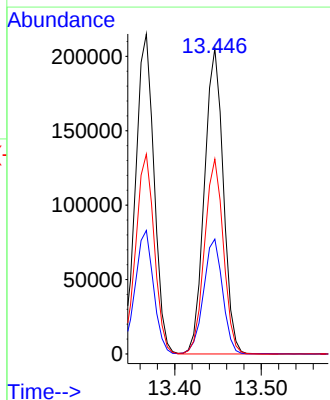
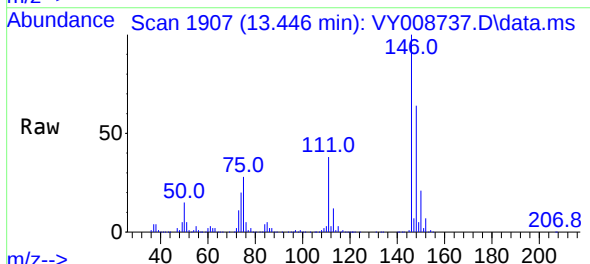
Manual Integrations
APPROVED

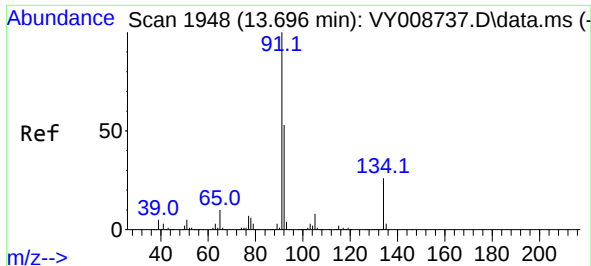
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#88
1,4-Dichlorobenzene
Concen: 45.914 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

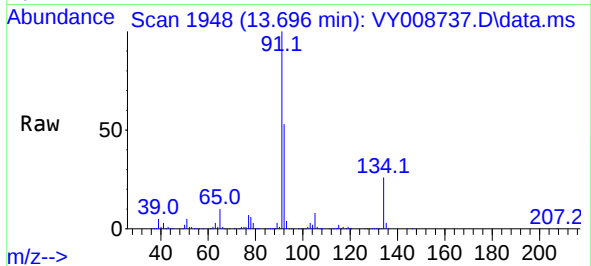
Tgt Ion:146 Resp: 310236
Ion Ratio Lower Upper
146 100
111 38.0 19.0 57.0
148 64.0 32.0 96.0





#89
n-Butylbenzene
Concen: 48.183 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

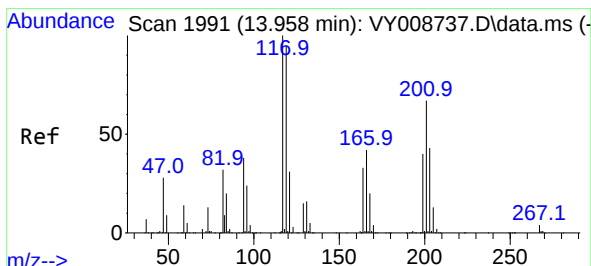
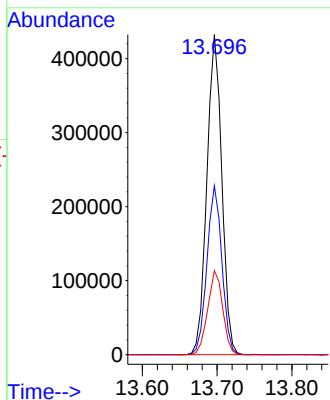
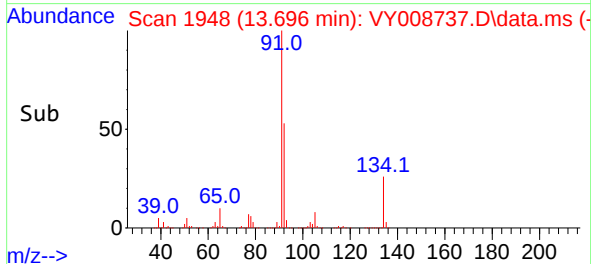
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 600090
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 26.4 13.2 39.6

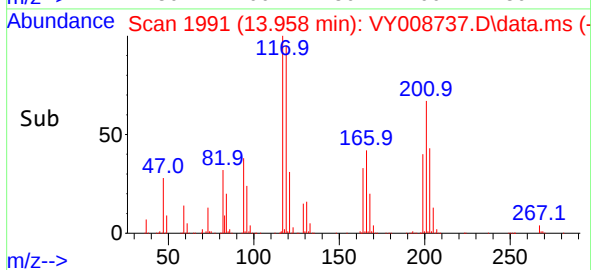
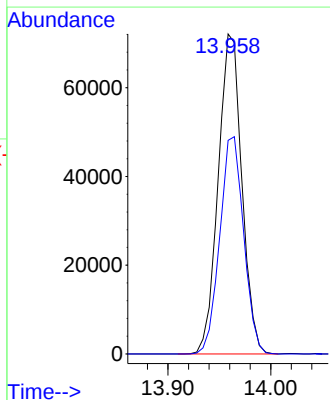
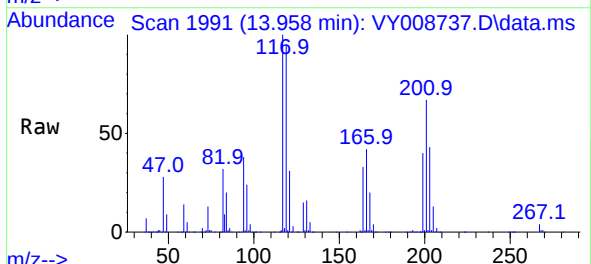
Manual Integrations
APPROVED

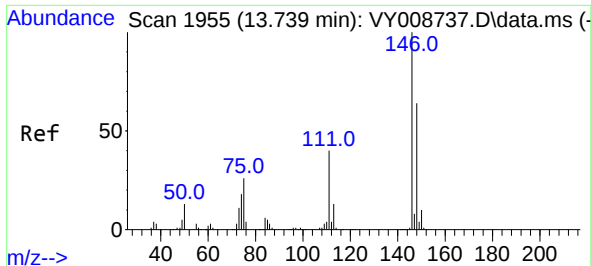
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 44.678 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

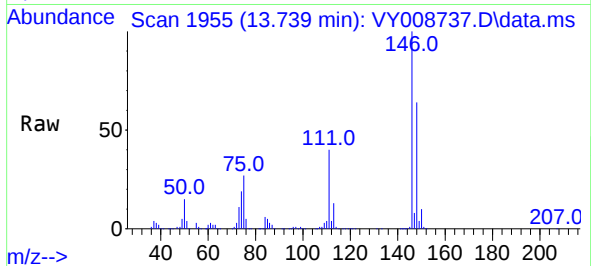
Tgt Ion:117 Resp: 115117
Ion Ratio Lower Upper
117 100
201 68.7 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 45.675 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

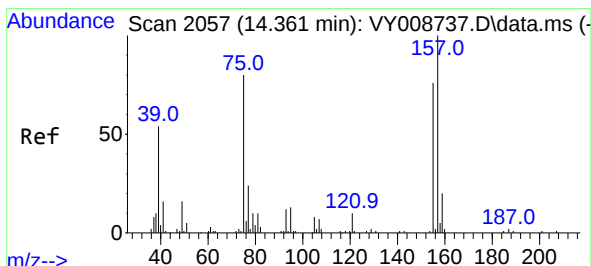
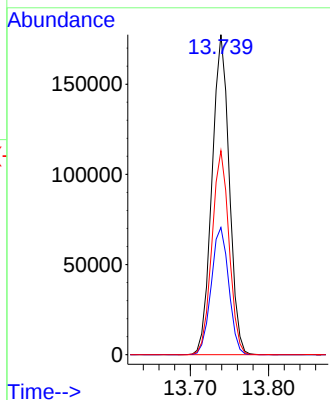
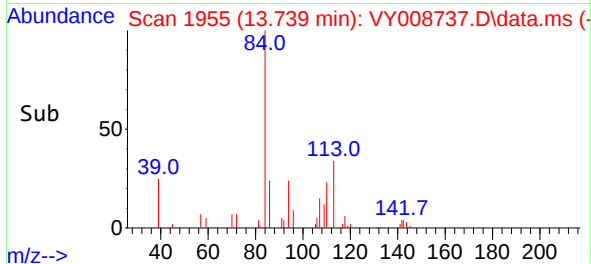
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



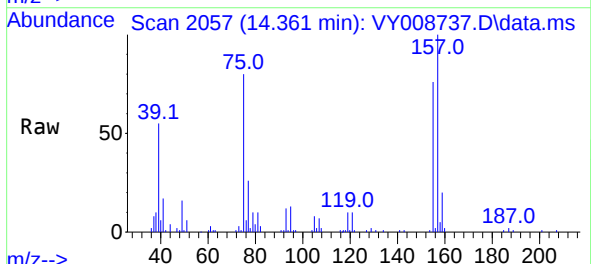
Tgt Ion:146 Resp: 271260
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 63.2 31.6 94.8

Manual Integrations
APPROVED

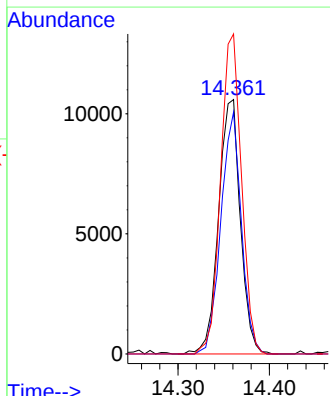
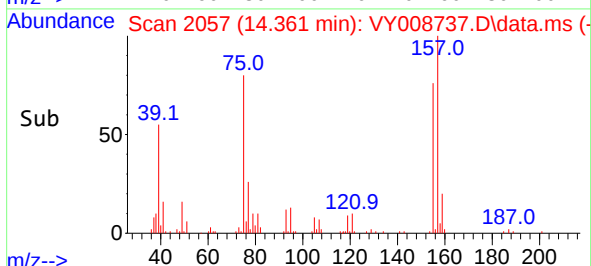
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

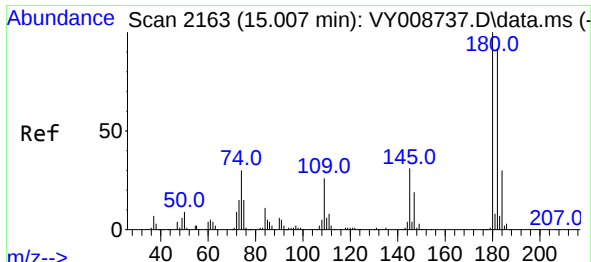


#92
1,2-Dibromo-3-Chloropropane
Concen: 38.913 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



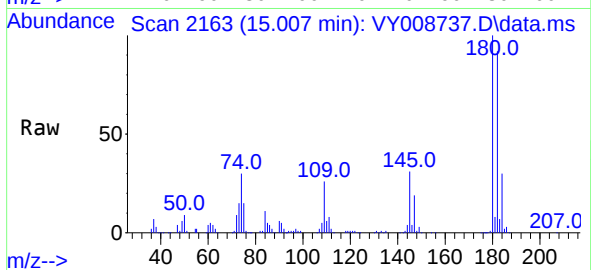
Tgt Ion: 75 Resp: 17549
Ion Ratio Lower Upper
75 100
155 89.4 44.7 134.1
157 120.9 60.5 181.4





#93
1,2,4-Trichlorobenzene
Concen: 40.240 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

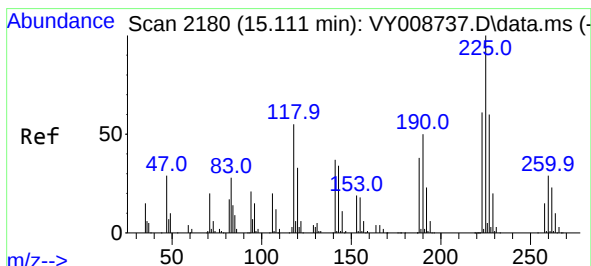
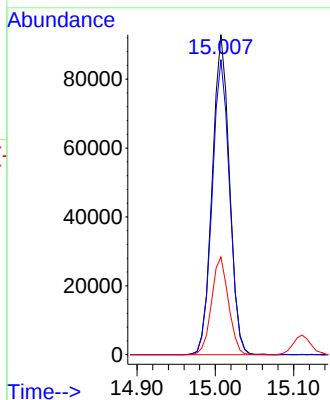
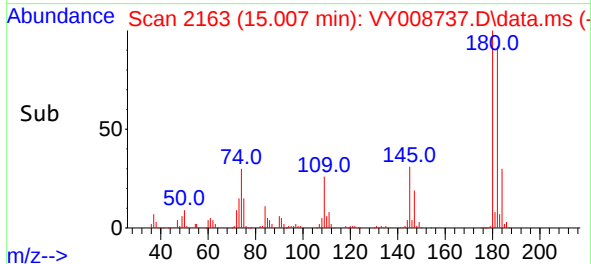
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



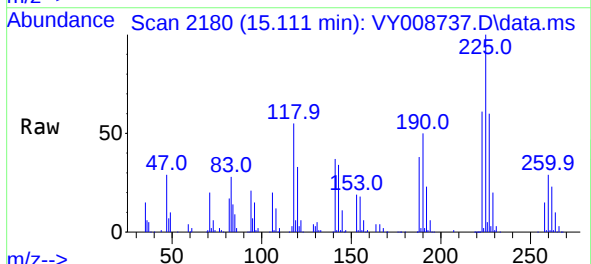
Tgt Ion:180 Resp: 141297
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 30.0 15.0 45.0

Manual Integrations
APPROVED

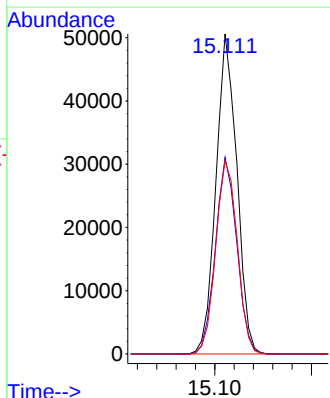
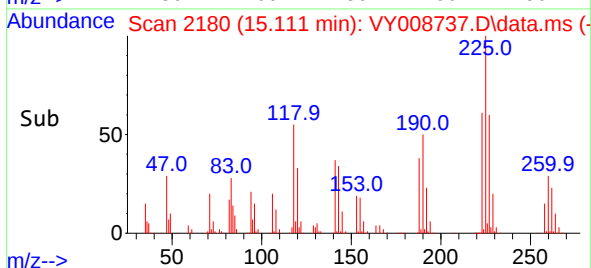
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022

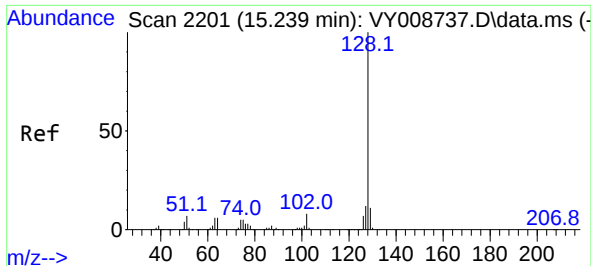


#94
Hexachlorobutadiene
Concen: 40.390 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



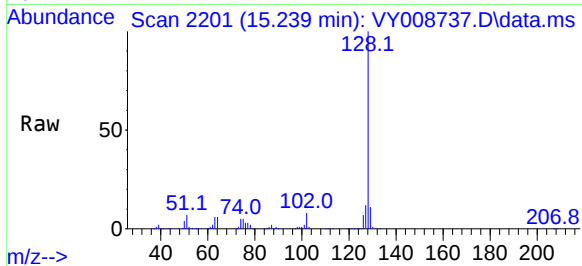
Tgt Ion:225 Resp: 75691
Ion Ratio Lower Upper
225 100
223 63.0 31.5 94.5
227 62.4 31.2 93.6





#95
Naphthalene
Concen: 37.780 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43

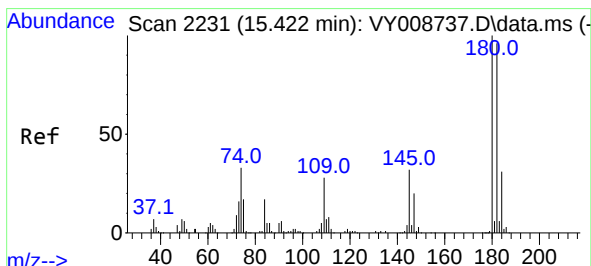
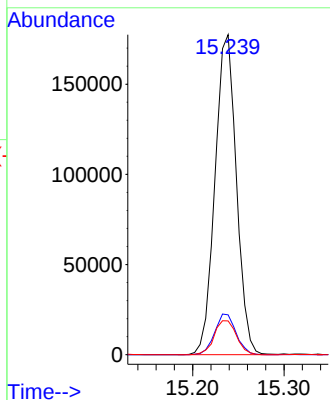
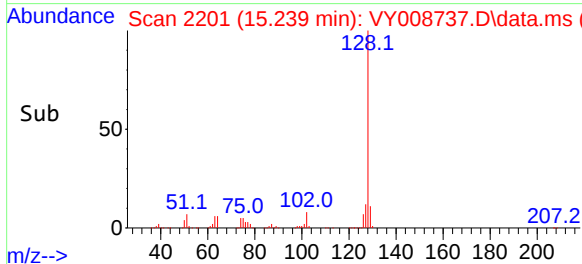
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



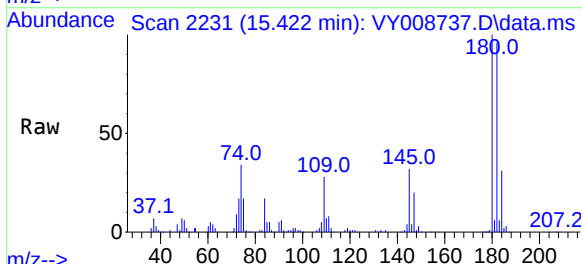
Tgt Ion:128 Resp: 28891
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 40.066 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY008737.D
Acq: 12 May 2022 16:43



Tgt Ion:180 Resp: 121653
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.7
145 31.2 15.6 46.8

