

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007498.D
 Acq On : 15 Feb 2022 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 16 01:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	113740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	188414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66906	53.280	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.728	113	64973	54.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.360%			
50) Toluene-d8	10.185	98	243391	53.932	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.860%			
62) 4-Bromofluorobenzene	12.489	95	80550	52.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	67953	54.007	ug/l	99
3) Chloromethane	2.119	50	68053	65.604	ug/l	93
4) Vinyl Chloride	2.259	62	73244	57.857	ug/l	99
5) Bromomethane	2.662	94	49987	68.221	ug/l	97
6) Chloroethane	2.808	64	47455	63.349	ug/l	99
7) Trichlorofluoromethane	3.137	101	135614	56.357	ug/l	95
8) Diethyl Ether	3.540	74	39231	56.411	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.918	101	73776	55.761	ug/l	95
10) Methyl Iodide	4.107	142	94487	57.851	ug/l	95
11) Tert butyl alcohol	4.966	59	25942	264.092	ug/l #	93
12) 1,1-Dichloroethene	3.887	96	68806	55.713	ug/l	85
13) Acrolein	3.741	56	21067	213.566	ug/l	100
14) Allyl chloride	4.497	41	93257	53.725	ug/l #	90
15) Acrylonitrile	5.174	53	81056	264.750	ug/l	100
16) Acetone	3.954	43	100639	302.070	ug/l	90
17) Carbon Disulfide	4.210	76	189744	53.340	ug/l	100
18) Methyl Acetate	4.497	43	33915	45.857	ug/l #	82
19) Methyl tert-butyl Ether	5.235	73	186374	54.413	ug/l #	90
20) Methylene Chloride	4.729	84	71803	52.583	ug/l #	81
21) trans-1,2-Dichloroethene	5.235	96	75628	56.045	ug/l	86
22) Diisopropyl ether	6.131	45	190850	52.296	ug/l #	94
23) Vinyl Acetate	6.070	43	614799	264.060	ug/l #	89
24) 1,1-Dichloroethane	6.033	63	125447	55.001	ug/l	99
25) 2-Butanone	6.996	43	112287	272.204	ug/l #	84
26) 2,2-Dichloropropane	6.996	77	126025	55.142	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	85180	56.631	ug/l	85
28) Bromochloromethane	7.344	49	47067	53.844	ug/l #	73
29) Tetrahydrofuran	7.356	42	60938	251.734	ug/l #	81
30) Chloroform	7.515	83	135723	55.125	ug/l	96
31) Cyclohexane	7.795	56	110803	49.896	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	131076	55.904	ug/l	95
36) 1,1-Dichloropropene	7.929	75	103461	53.745	ug/l	97
37) Ethyl Acetate	7.082	43	44281	50.911	ug/l #	93
38) Carbon Tetrachloride	7.911	117	119221	54.503	ug/l	99
39) Methylcyclohexane	9.191	83	129791	51.931	ug/l	88
40) Benzene	8.167	78	284555	53.760	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
 Data File : VY007498.D
 Acq On : 15 Feb 2022 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/16/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 16 01:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	29095m	51.528	ug/l	
42) 1,2-Dichloroethane	8.246	62	86504	53.482	ug/l	94
43) Isopropyl Acetate	8.283	43	88567	50.135	ug/l #	88
44) Trichloroethene	8.947	130	81794	54.474	ug/l	99
45) 1,2-Dichloropropane	9.222	63	68083	54.098	ug/l	95
46) Dibromomethane	9.313	93	42009	53.753	ug/l	94
47) Bromodichloromethane	9.502	83	103336	54.448	ug/l	98
48) Methyl methacrylate	9.301	41	40042	51.149	ug/l #	84
49) 1,4-Dioxane	9.307	88	8468	1006.528	ug/l #	81
51) 4-Methyl-2-Pentanone	10.075	43	222623	253.751	ug/l	90
52) Toluene	10.252	92	184010	54.218	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	107036	54.016	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	120310	54.410	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	55894	53.924	ug/l	97
56) Ethyl methacrylate	10.514	69	73908	53.023	ug/l #	81
57) 1,3-Dichloropropane	10.795	76	95822	53.680	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	188871	260.047	ug/l	92
59) 2-Hexanone	10.837	43	166294	262.544	ug/l	88
60) Dibromochloromethane	10.990	129	73259	56.047	ug/l	99
61) 1,2-Dibromoethane	11.093	107	55015	53.233	ug/l	100
64) Tetrachloroethene	10.727	164	69971	54.105	ug/l	96
65) Chlorobenzene	11.520	112	196938	54.831	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	75434	55.609	ug/l	99
67) Ethyl Benzene	11.599	91	366490	54.519	ug/l	100
68) m/p-Xylenes	11.709	106	278066	109.301	ug/l	99
69) o-Xylene	12.032	106	131975	54.825	ug/l	98
70) Styrene	12.050	104	220574	55.729	ug/l	98
71) Bromoform	12.215	173	41655	55.753	ug/l #	99
73) Isopropylbenzene	12.331	105	358432	54.319	ug/l	99
74) N-amyl acetate	12.148	43	77401	51.813	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	60079	53.156	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	43057m	50.031	ug/l	
77) Bromobenzene	12.611	156	77188	54.473	ug/l	94
78) n-propylbenzene	12.672	91	428445	53.958	ug/l	100
79) 2-Chlorotoluene	12.758	91	235001	53.685	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	294196	53.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21029	50.787	ug/l	89
82) 4-Chlorotoluene	12.855	91	240417	53.575	ug/l	99
83) tert-Butylbenzene	13.075	119	260633	54.558	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	286217	54.007	ug/l	100
85) sec-Butylbenzene	13.258	105	382151	54.268	ug/l	99
86) p-Isopropyltoluene	13.373	119	318857	54.972	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	148969	54.000	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	147334	53.824	ug/l	98
89) n-Butylbenzene	13.696	91	300321	54.446	ug/l	99
90) Hexachloroethane	13.965	117	60290	54.396	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	130412	53.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9664	50.363	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	78400	53.901	ug/l	99
94) Hexachlorobutadiene	15.117	225	44435	52.670	ug/l	98
95) Naphthalene	15.239	128	160720	50.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	65060	51.724	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021522\
Data File : VY007498.D
Acq On : 15 Feb 2022 11:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

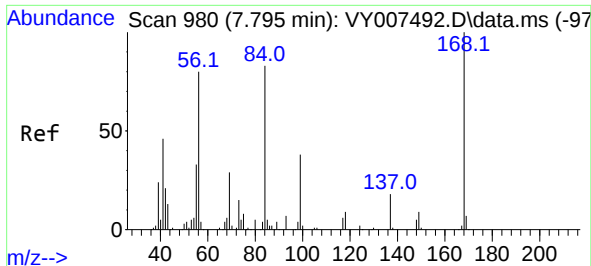
Manual Integrations
APPROVED

Reviewed By : John Carlone 02/16/2022
Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 16 01:37:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

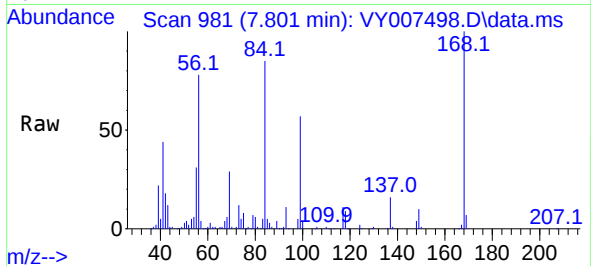
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

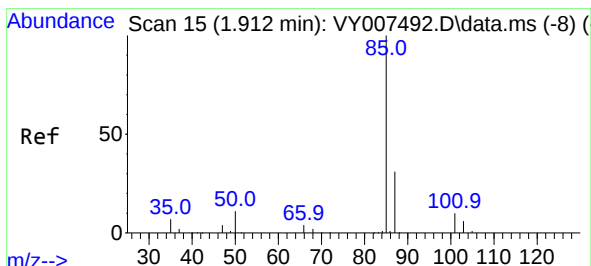
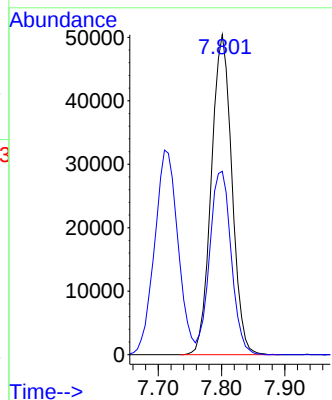
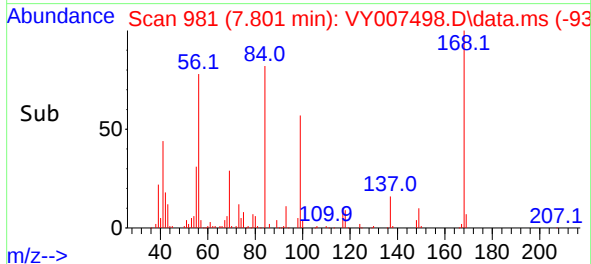
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 113740
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3

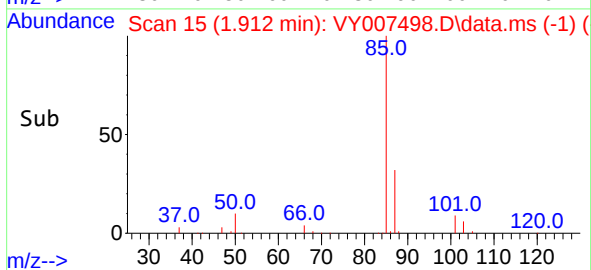
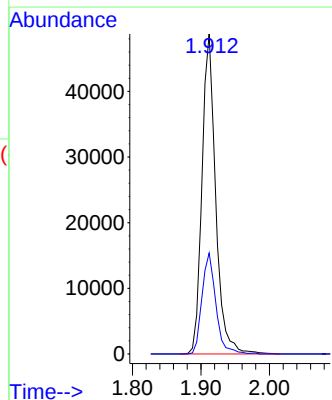
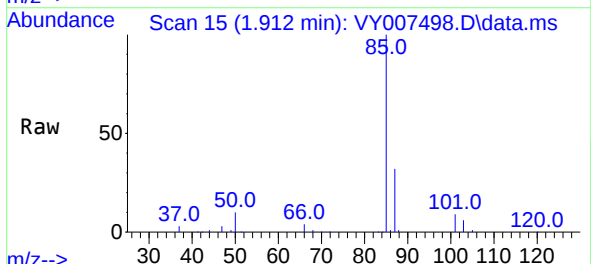
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

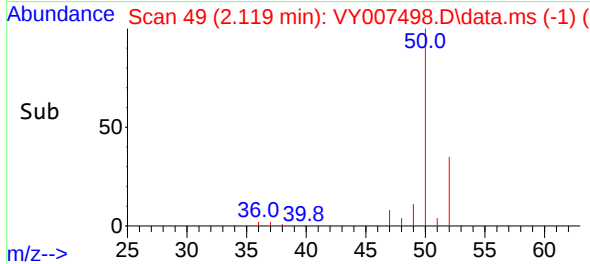
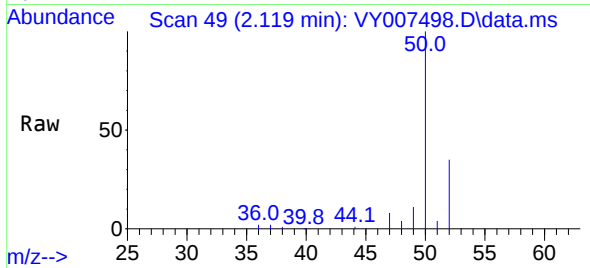
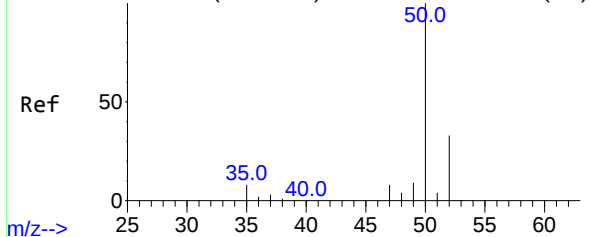


#2
Dichlorodifluoromethane
Concen: 54.007 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion: 85 Resp: 67953
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2



Abundance Scan 49 (2.119 min): VY007492.D\data.ms (-42)



#3

Chloromethane

Concen: 65.604 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Tgt Ion: 50 Resp: 6805

Ion Ratio Lower Upper

50 100

52 34.7 24.6 37.0

Instrument :

MSVOA_Y

ClientSampleId :

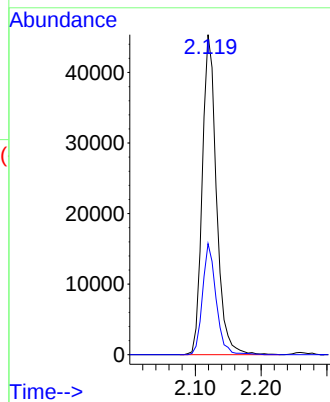
VSTDCCC050

Manual Integrations

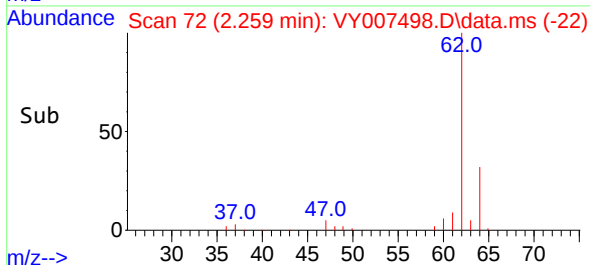
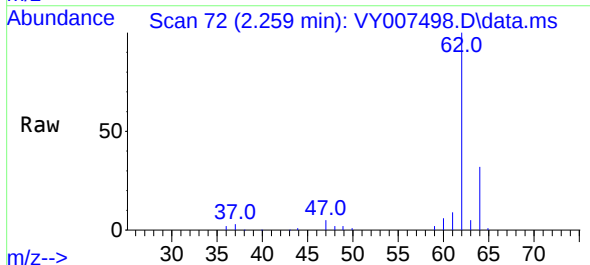
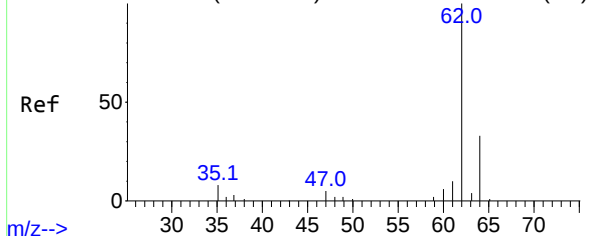
APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



Abundance Scan 72 (2.259 min): VY007492.D\data.ms (-64)



#4

Vinyl Chloride

Concen: 57.857 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY007498.D

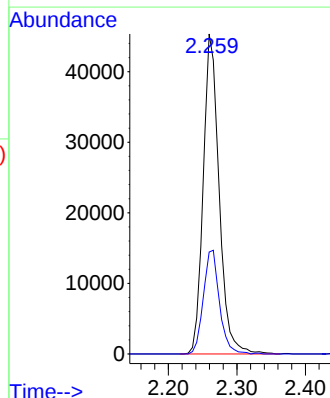
Acq: 15 Feb 2022 11:44

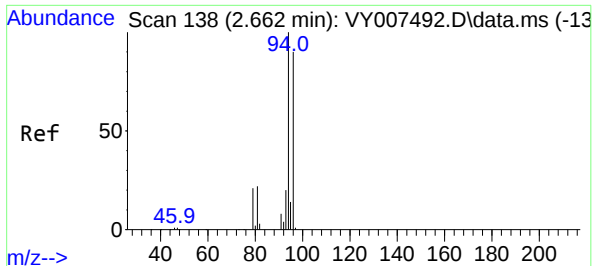
Tgt Ion: 62 Resp: 73244

Ion Ratio Lower Upper

62 100

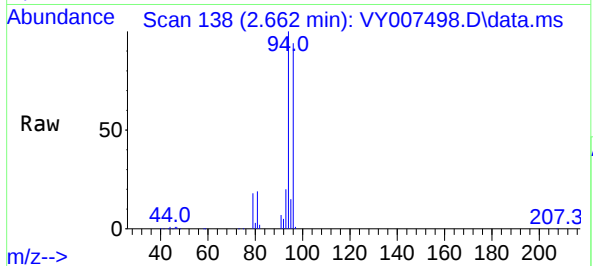
64 31.8 25.0 37.6





#5
Bromomethane
Concen: 68.221 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

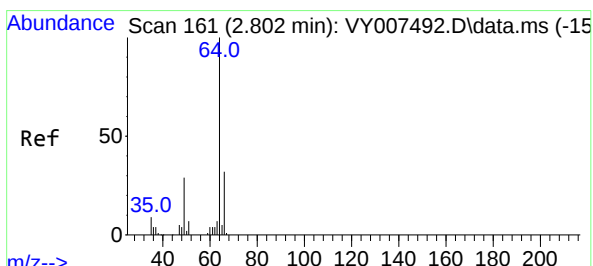
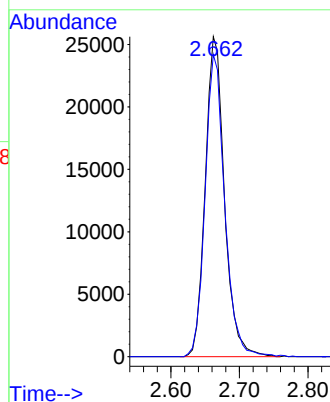
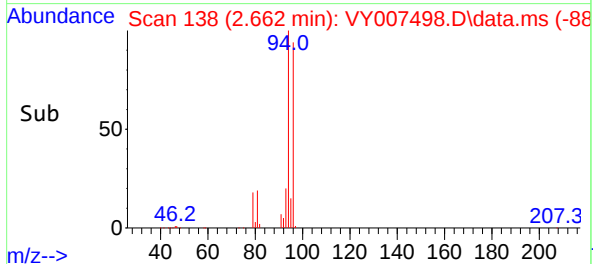
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 4998
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3

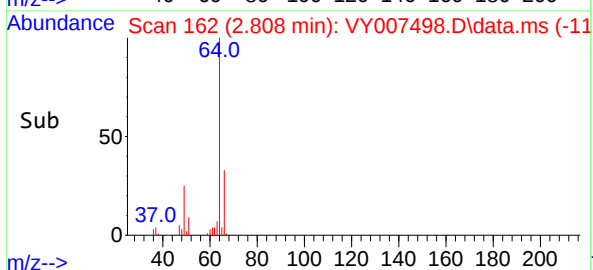
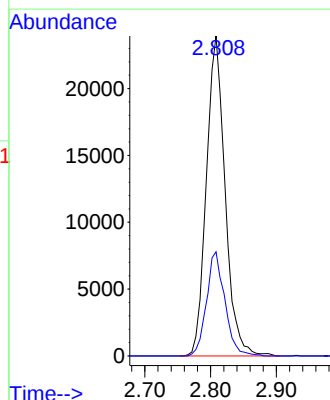
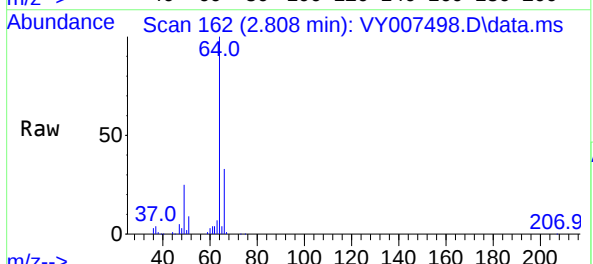
Manual Integrations
APPROVED

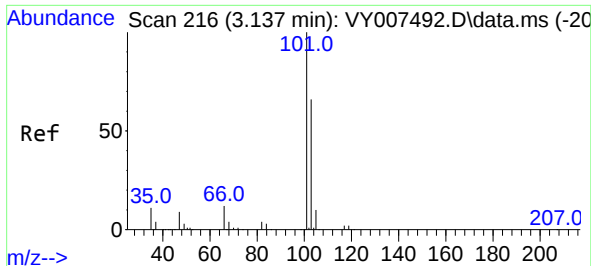
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#6
Chloroethane
Concen: 63.349 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

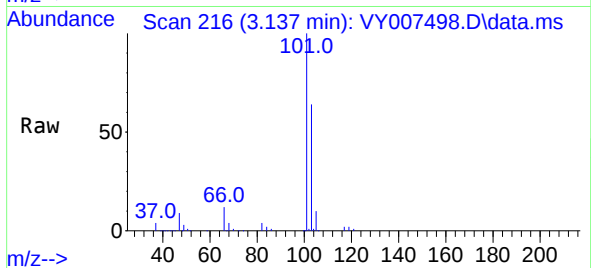
Tgt Ion: 64 Resp: 47455
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0





#7
Trichlorofluoromethane
Concen: 56.357 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

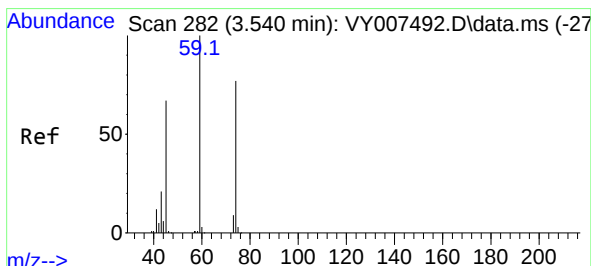
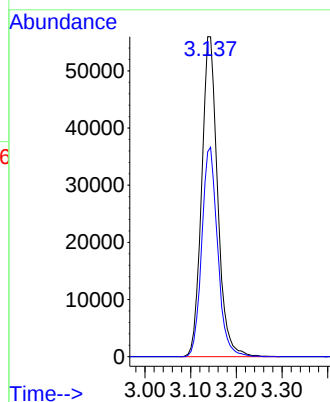
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 135614
Ion Ratio Lower Upper
101 100
103 64.1 48.0 72.0

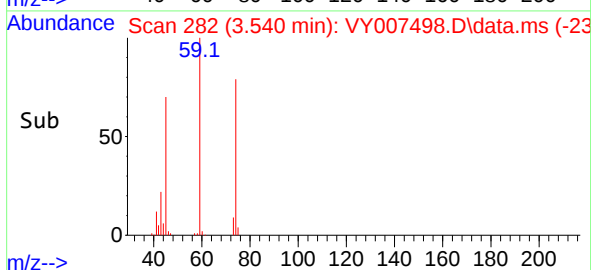
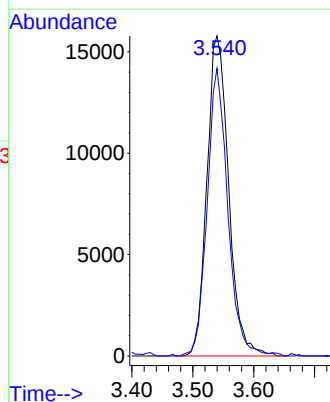
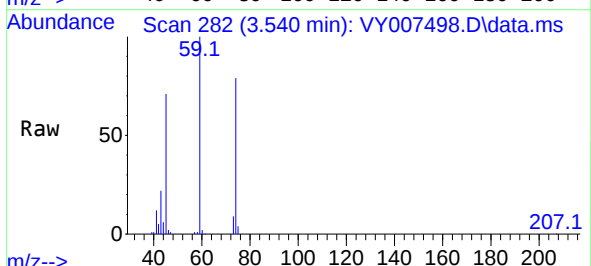
Manual Integrations
APPROVED

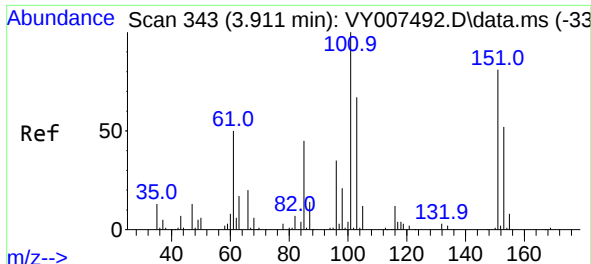
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#8
Diethyl Ether
Concen: 56.411 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion: 74 Resp: 39231
Ion Ratio Lower Upper
74 100
45 84.9 55.1 165.5





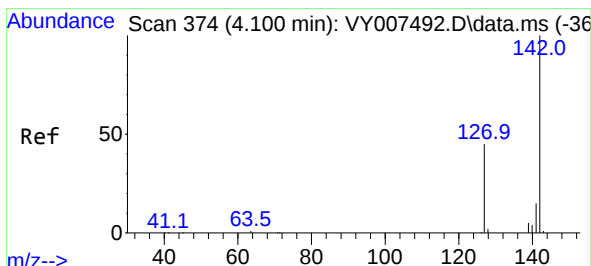
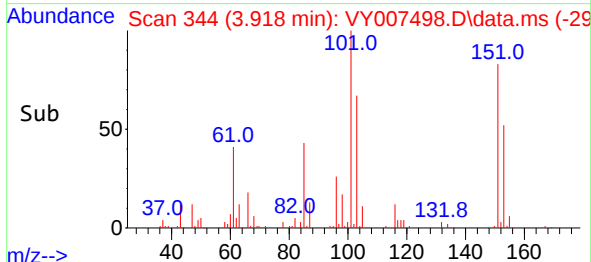
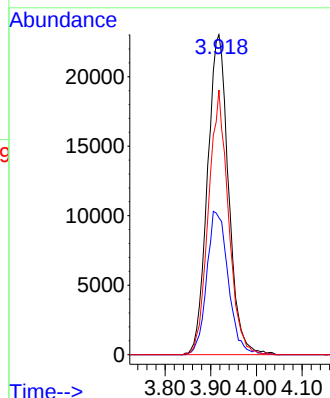
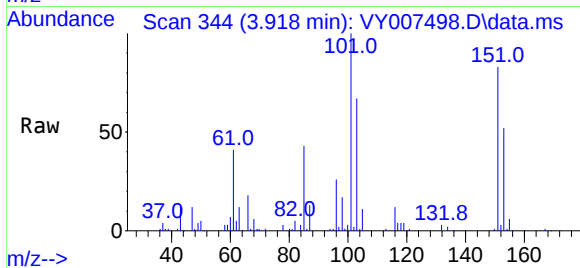
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.761 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73770
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 78.1 64.9 97.3

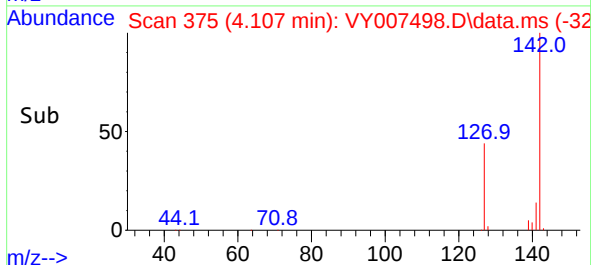
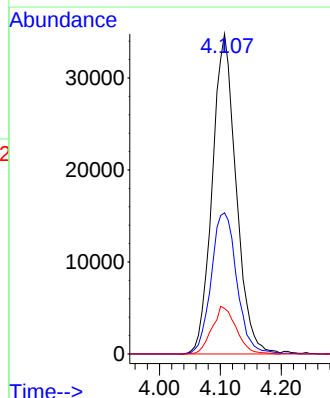
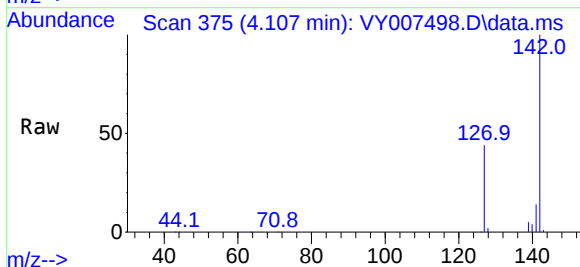
Manual Integrations
APPROVED

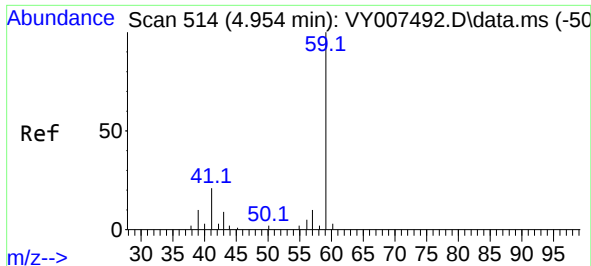
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#10
Methyl Iodide
Concen: 57.851 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion:142 Resp: 94487
Ion Ratio Lower Upper
142 100
127 47.5 41.5 62.3
141 15.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 264.092 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.018 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 2594

Ion Ratio Lower Upper

59 100

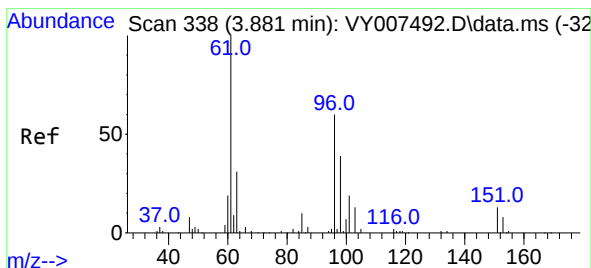
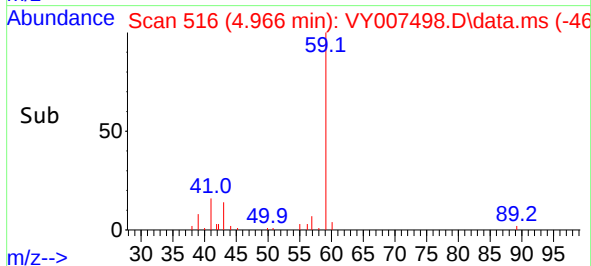
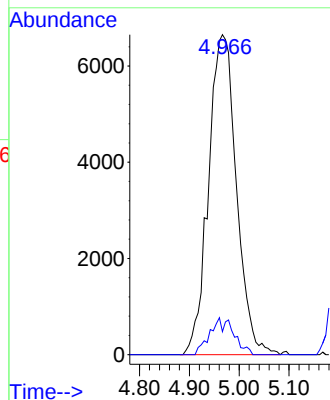
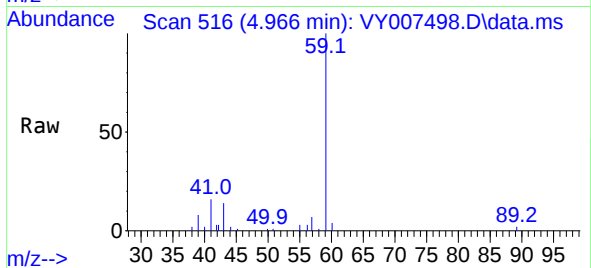
57 5.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 55.713 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

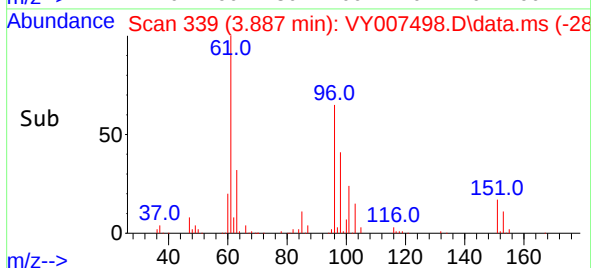
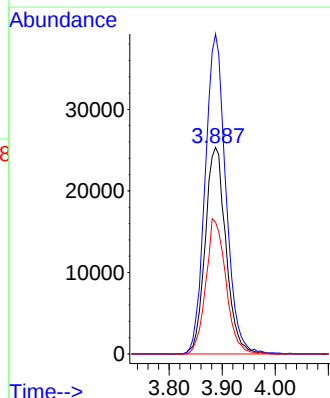
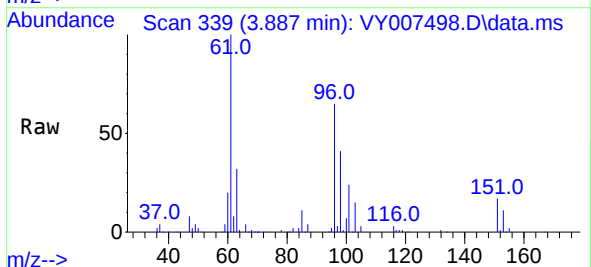
Tgt Ion: 96 Resp: 68806

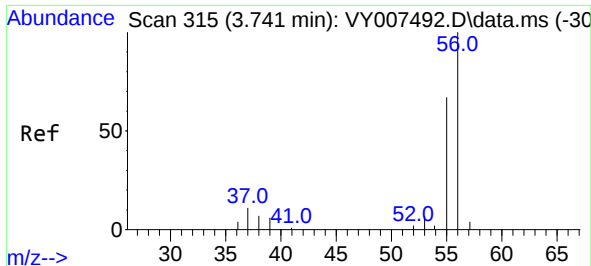
Ion Ratio Lower Upper

96 100

61 154.9 145.8 218.6

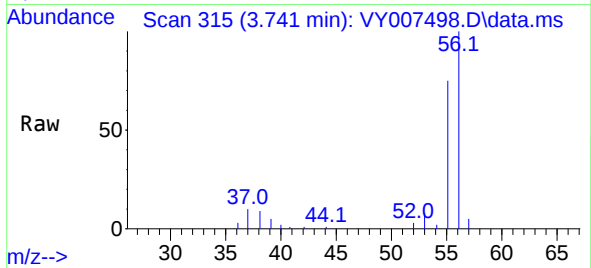
98 63.9 52.5 78.7





#13
Acrolein
Concen: 213.566 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

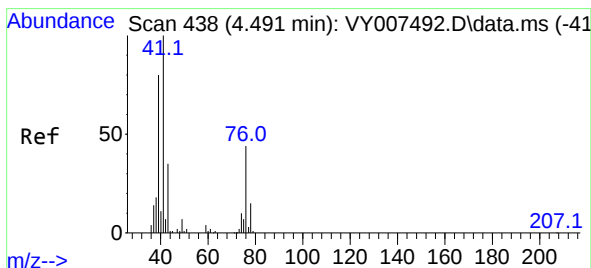
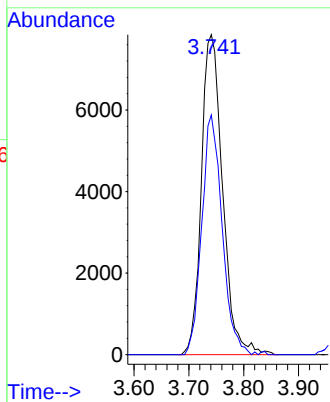
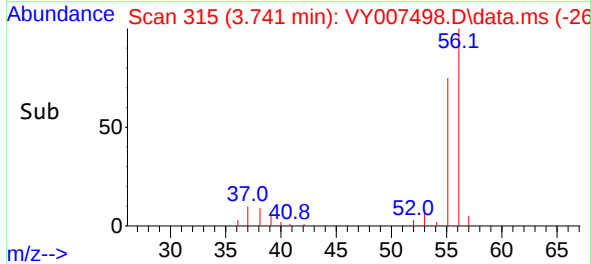
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



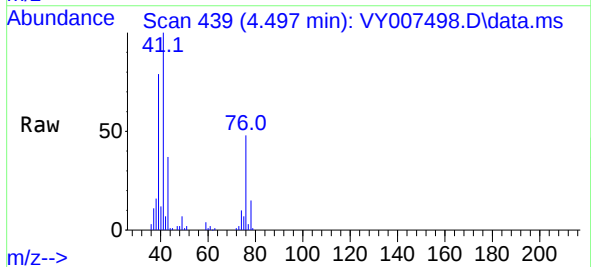
Tgt Ion: 56 Resp: 2106
Ion Ratio Lower Upper
56 100
55 71.8 57.6 86.4

Manual Integrations
APPROVED

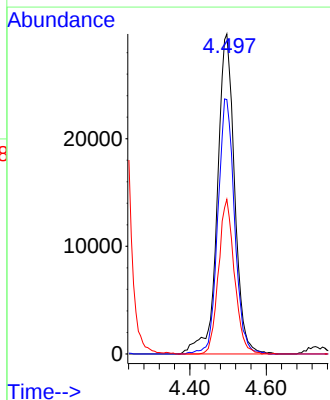
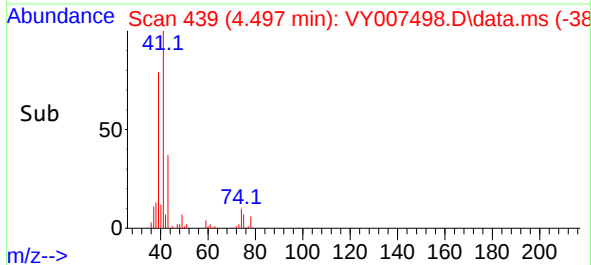
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

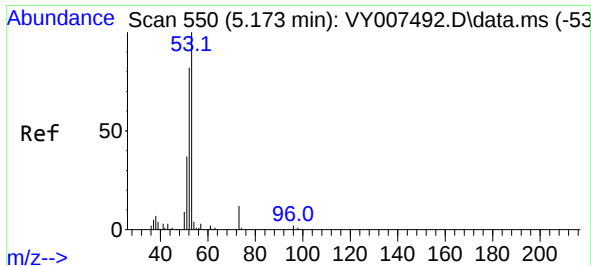


#14
Allyl chloride
Concen: 53.725 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



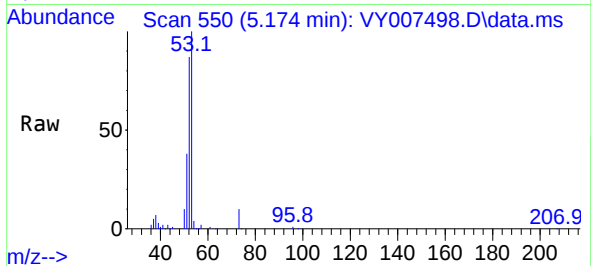
Tgt Ion: 41 Resp: 93257
Ion Ratio Lower Upper
41 100
39 77.0 58.8 88.2
76 44.6 25.1 37.7#





#15
Acrylonitrile
Concen: 264.750 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

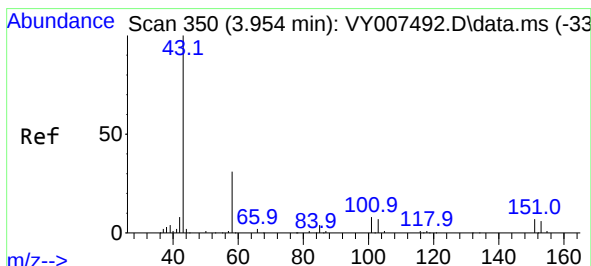
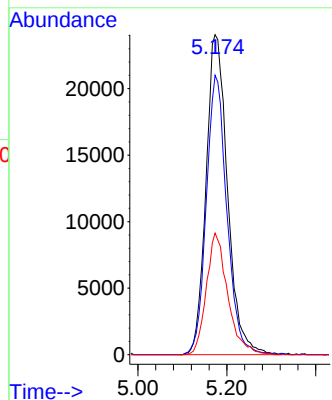
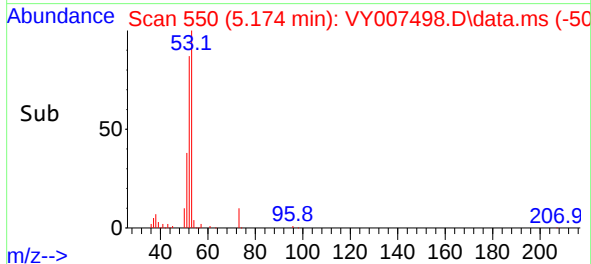
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



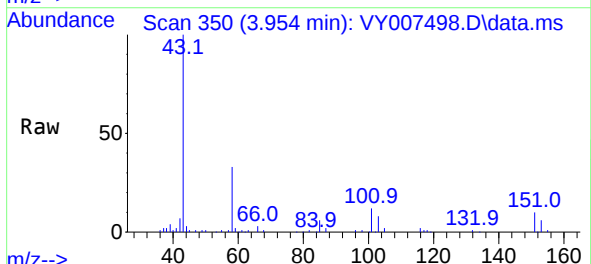
Tgt Ion: 53 Resp: 81050
Ion Ratio Lower Upper
53 100
52 83.6 67.0 100.4
51 37.7 29.8 44.6

Manual Integrations
APPROVED

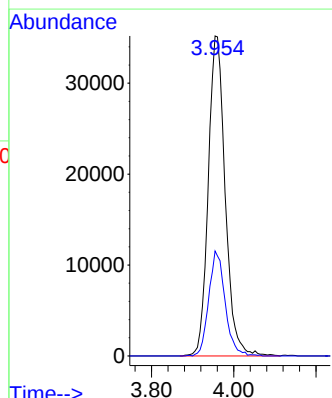
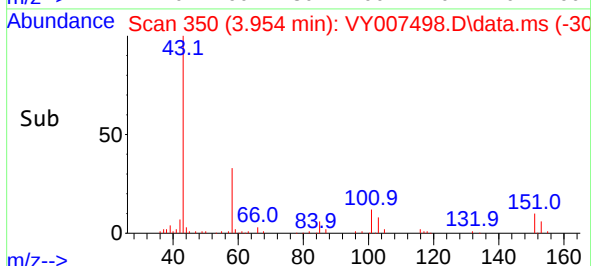
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

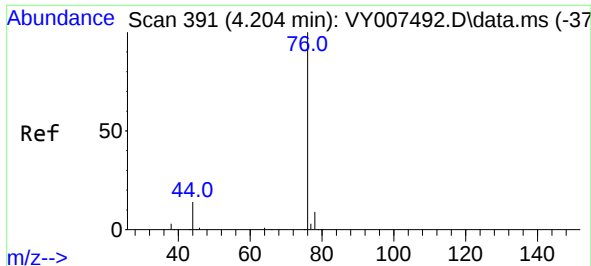


#16
Acetone
Concen: 302.070 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



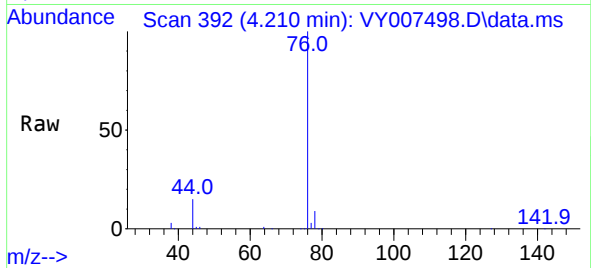
Tgt Ion: 43 Resp: 100639
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0





#17
Carbon Disulfide
Concen: 53.340 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

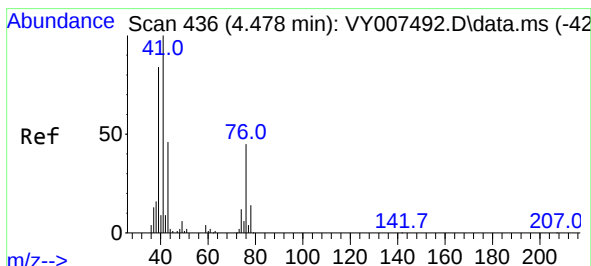
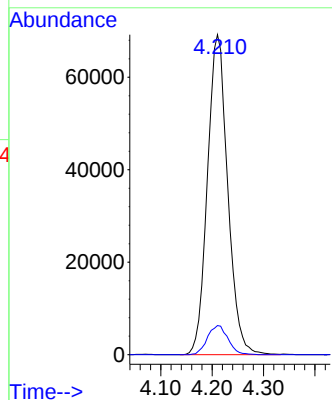
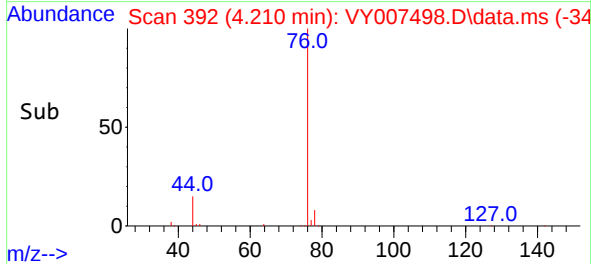
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



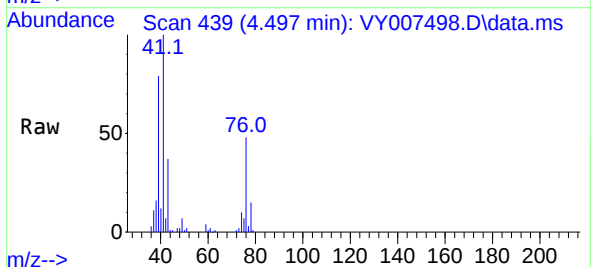
Tgt Ion: 76 Resp: 189744
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

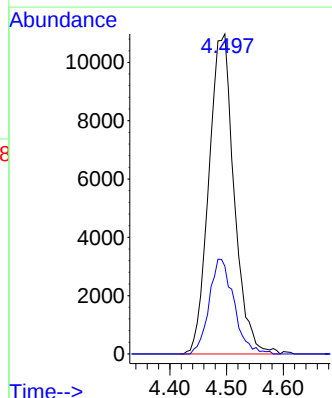
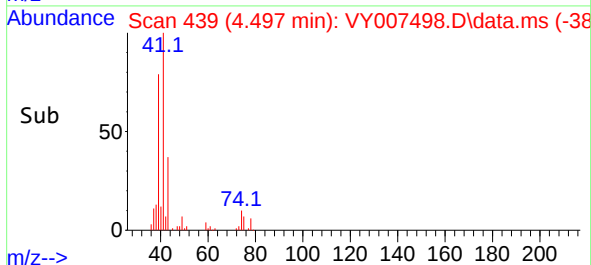
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

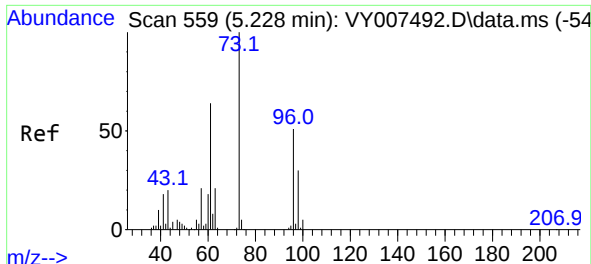


#18
Methyl Acetate
Concen: 45.857 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



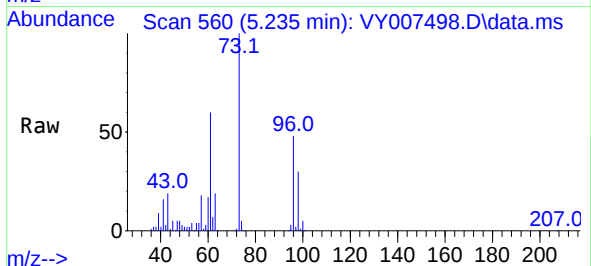
Tgt Ion: 43 Resp: 33915
Ion Ratio Lower Upper
43 100
74 29.1 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 54.413 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

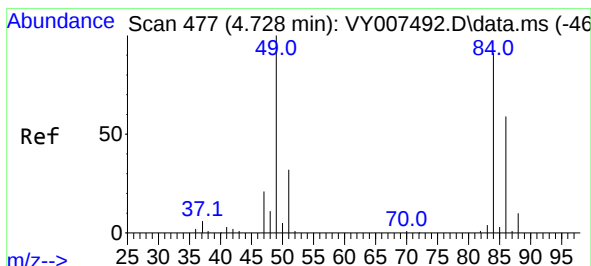
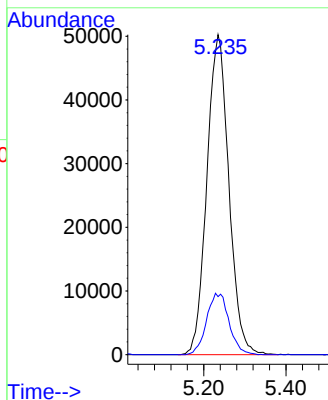
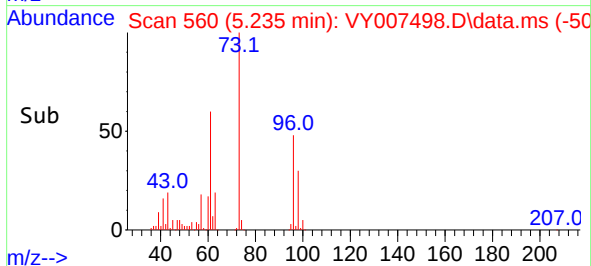
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



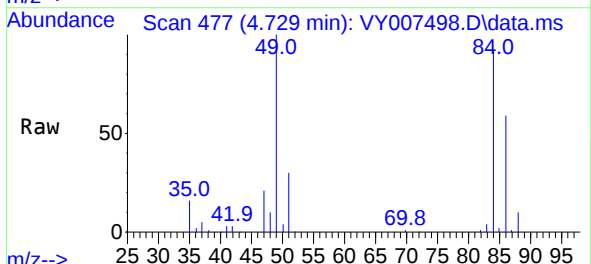
Tgt Ion: 73 Resp: 186374
Ion Ratio Lower Upper
73 100
57 18.2 18.6 27.8

Manual Integrations
APPROVED

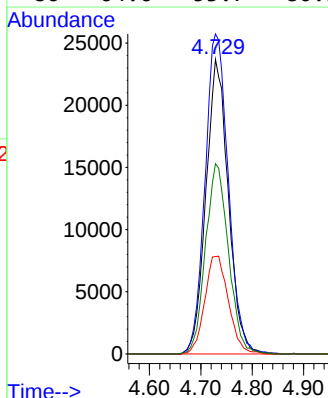
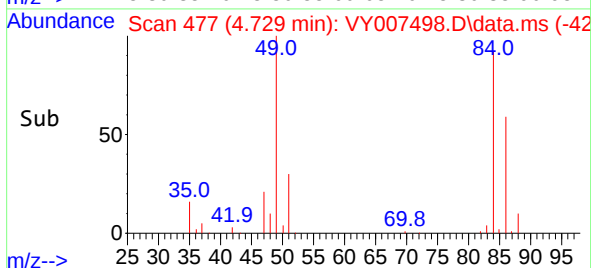
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

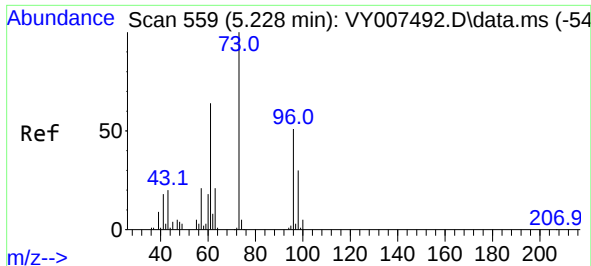


#20
Methylene Chloride
Concen: 52.583 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



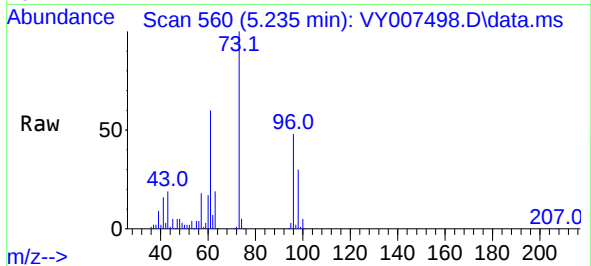
Tgt Ion: 84 Resp: 71803
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 33.1 35.3 52.9#
86 64.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 56.045 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

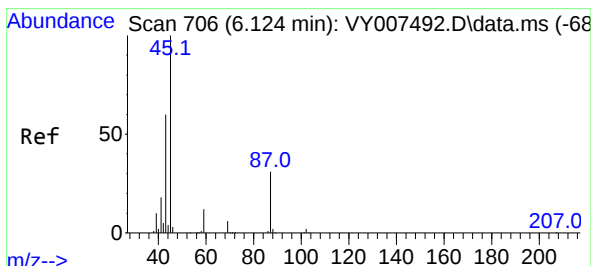
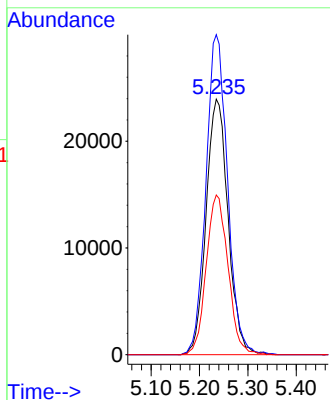
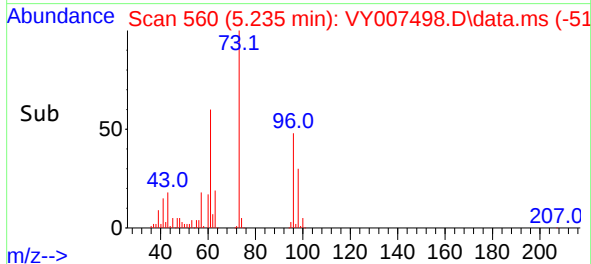
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



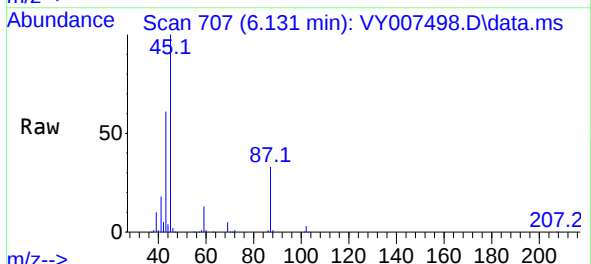
Tgt Ion: 96 Resp: 75628
Ion Ratio Lower Upper
96 100
61 125.2 120.5 180.7
98 62.5 49.8 74.8

Manual Integrations
APPROVED

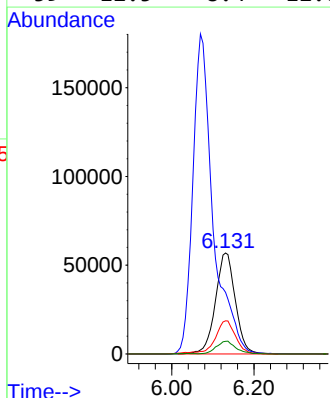
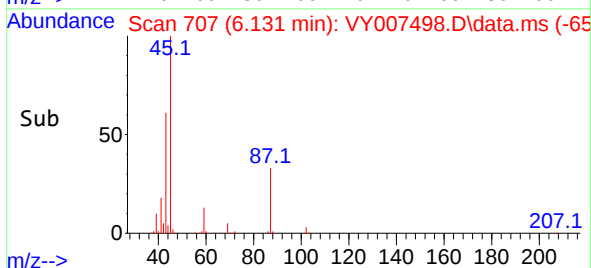
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

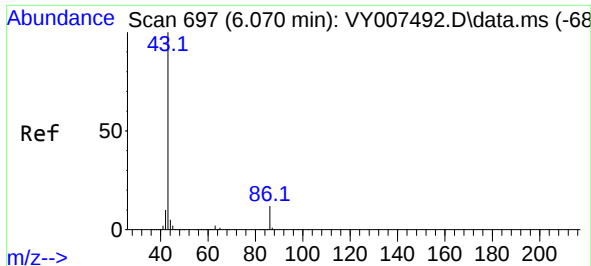


#22
Diisopropyl ether
Concen: 52.296 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



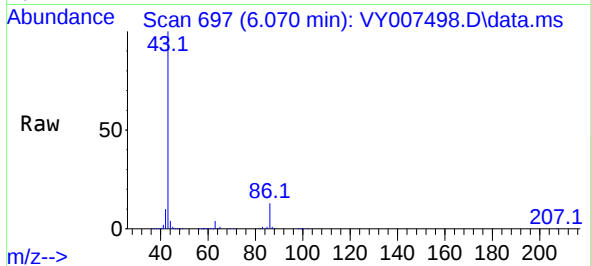
Tgt Ion: 45 Resp: 190850
Ion Ratio Lower Upper
45 100
43 60.8 49.3 73.9
87 32.9 19.2 28.8#
59 12.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 264.060 ug/l
 RT: 6.070 min Scan# 614
 Delta R.T. 0.006 min
 Lab File: VY007498.D
 Acq: 15 Feb 2022 11:44

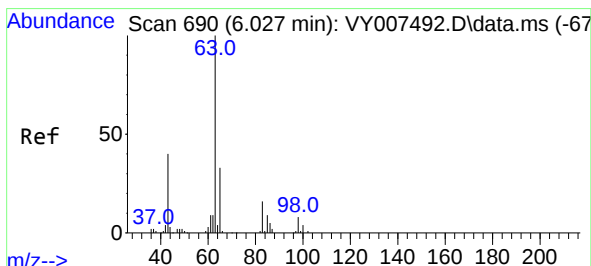
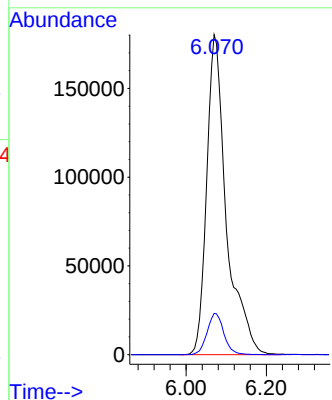
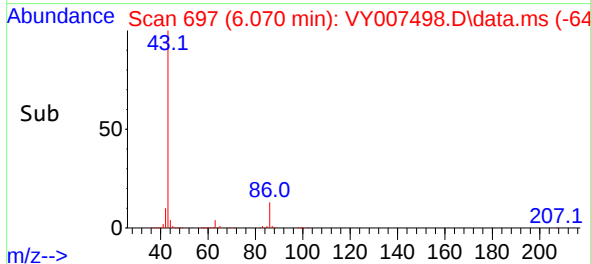
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



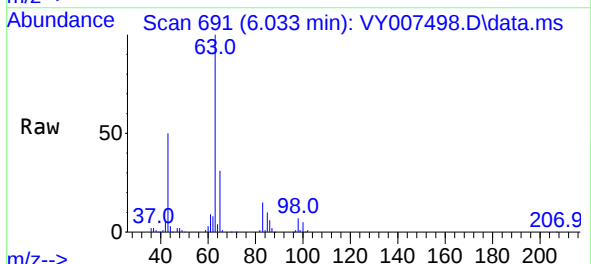
Tgt Ion: 43 Resp: 614799
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.1 10.7

Manual Integrations
 APPROVED

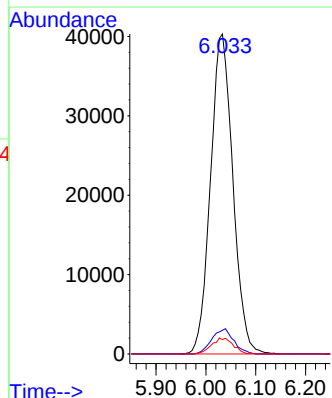
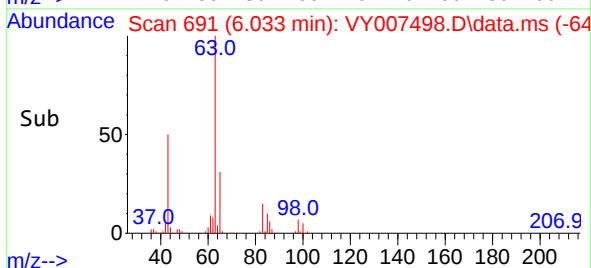
Reviewed By :John Carlone 02/16/2022
 Supervised By :Mahesh Dadoda 02/21/2022

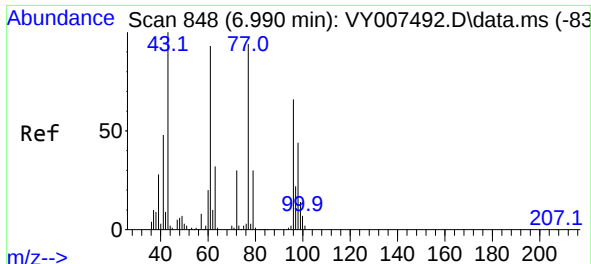


#24
 1,1-Dichloroethane
 Concen: 55.001 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY007498.D
 Acq: 15 Feb 2022 11:44



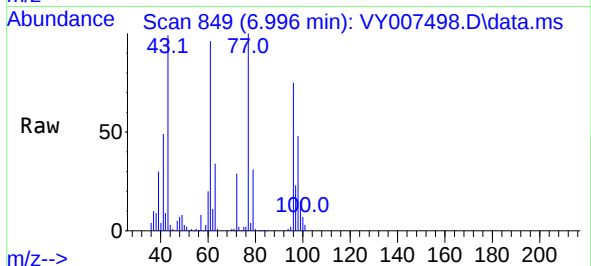
Tgt Ion: 63 Resp: 125447
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 272.204 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

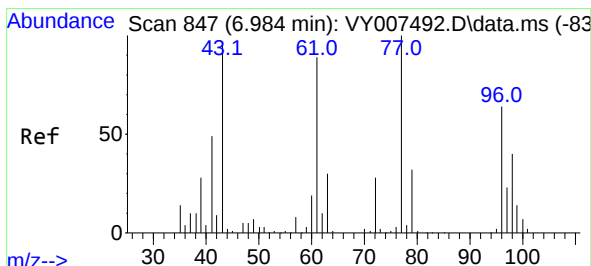
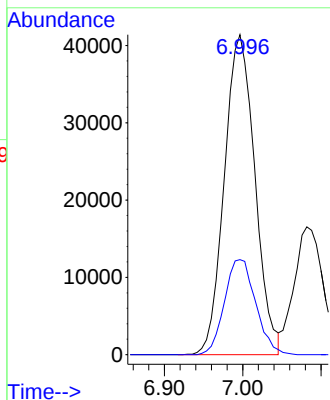
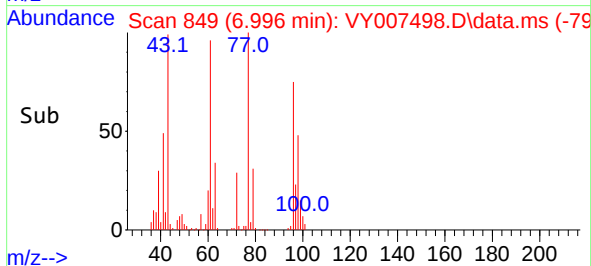
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



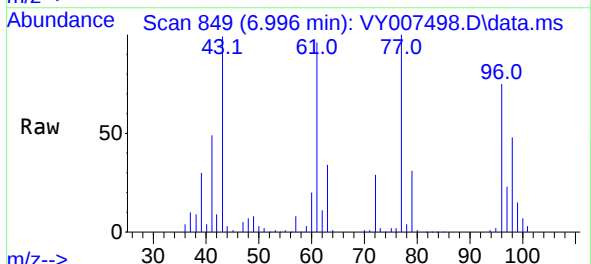
Tgt Ion: 43 Resp: 11228
Ion Ratio Lower Upper
43 100
72 29.7 17.7 26.5

Manual Integrations
APPROVED

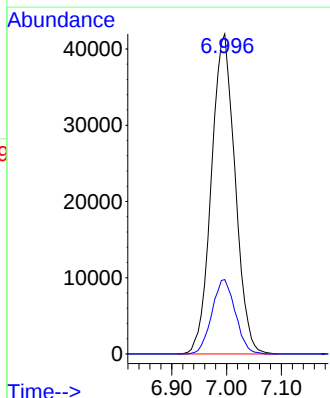
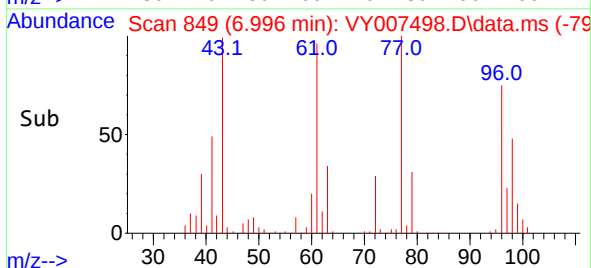
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

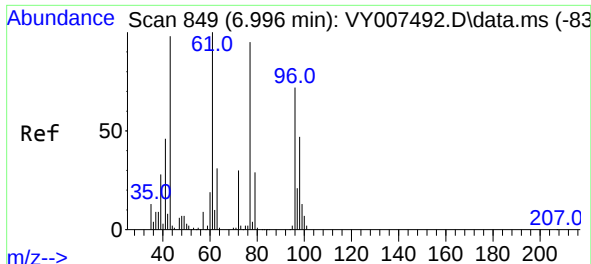


#26
2,2-Dichloropropane
Concen: 55.142 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



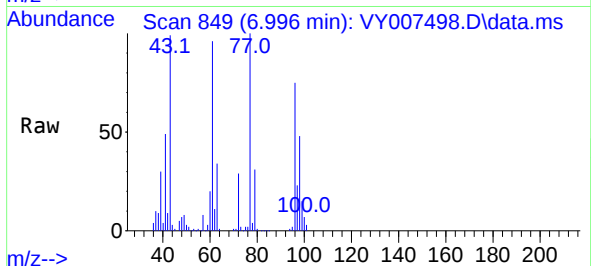
Tgt Ion: 77 Resp: 126025
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 56.631 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

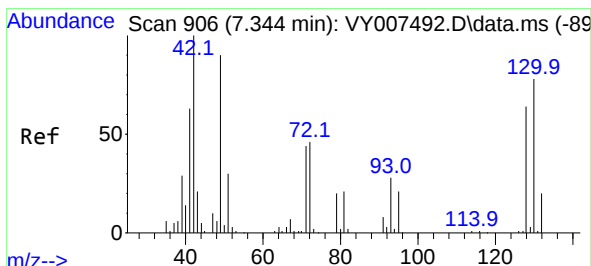
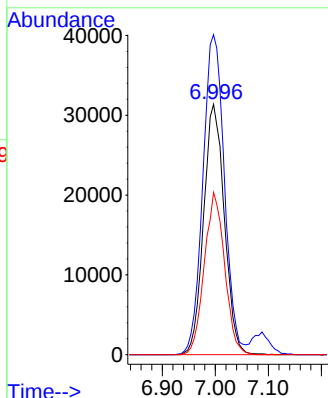
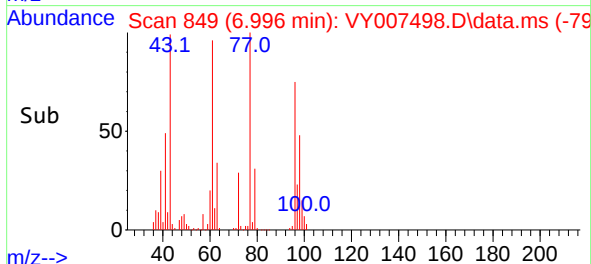
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 85180
Ion Ratio Lower Upper
96 100
61 132.7 0.0 319.8
98 63.5 0.0 127.0

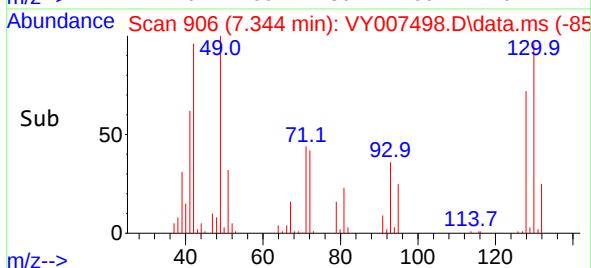
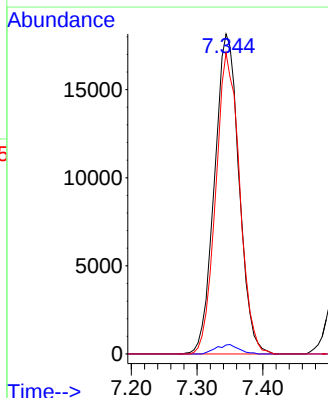
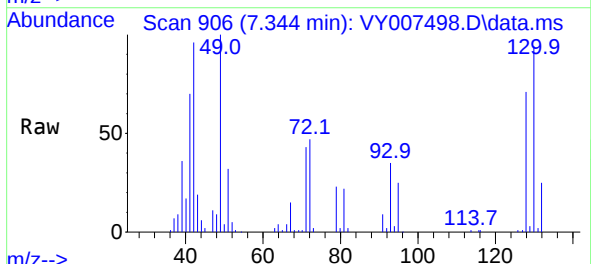
Manual Integrations
APPROVED

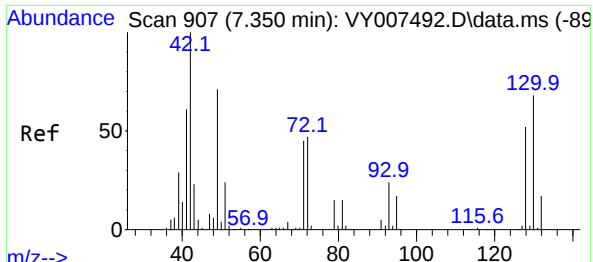
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#28
Bromochloromethane
Concen: 53.844 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion: 49 Resp: 47067
Ion Ratio Lower Upper
49 100
129 2.7 0.0 2.2#
130 91.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 251.734 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 60938

Ion Ratio Lower Upper

42 100

72 49.7 30.3 45.5

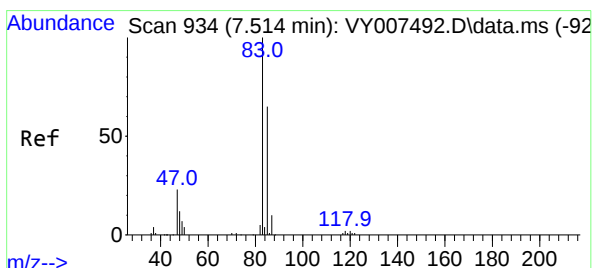
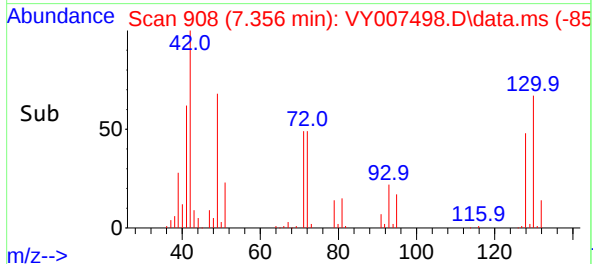
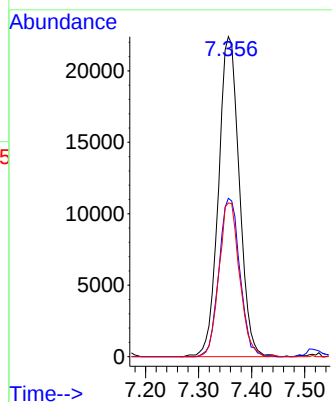
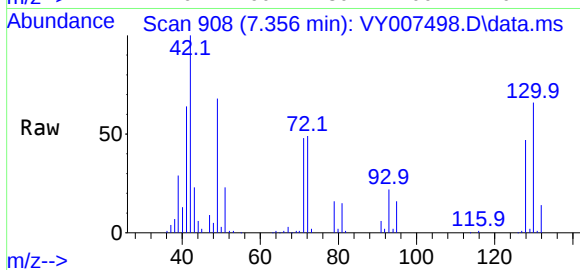
71 47.5 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 55.125 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.007 min

Lab File: VY007498.D

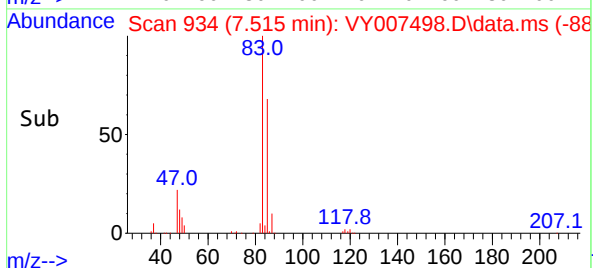
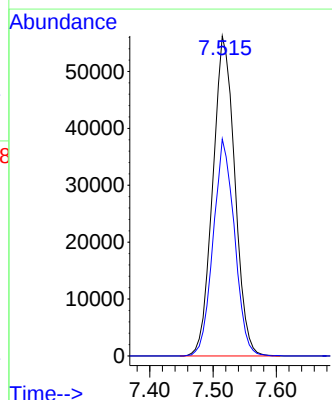
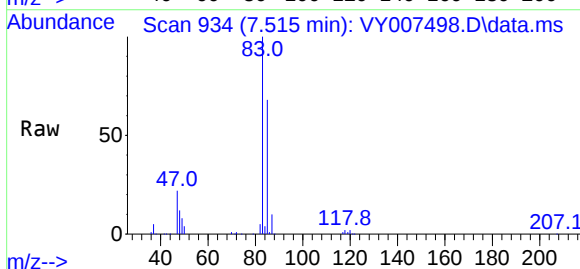
Acq: 15 Feb 2022 11:44

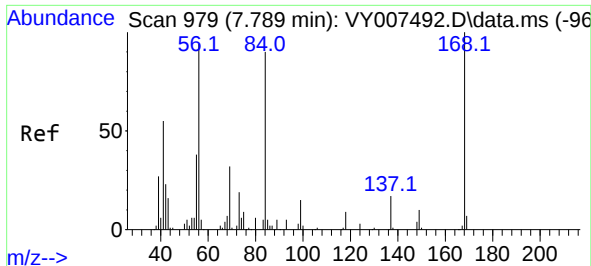
Tgt Ion: 83 Resp: 135723

Ion Ratio Lower Upper

83 100

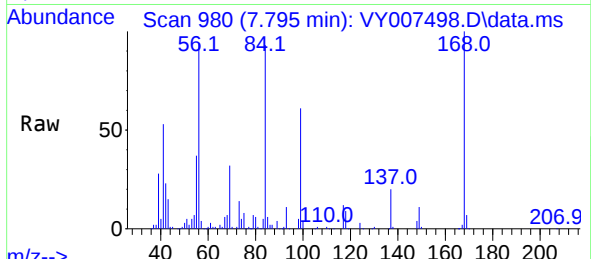
85 67.8 51.8 77.6





#31
Cyclohexane
Concen: 49.896 ug/l
RT: 7.795 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

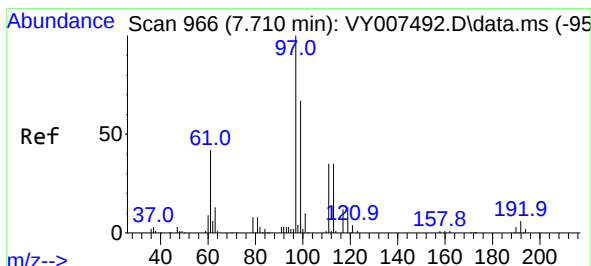
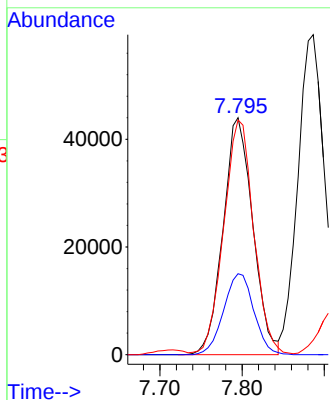
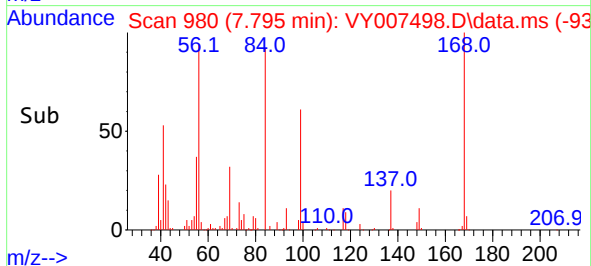
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



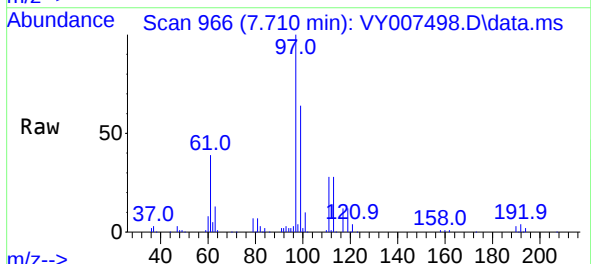
Tgt Ion: 56 Resp: 11080
Ion Ratio Lower Upper
56 100
69 34.2 26.7 40.1
84 97.2 67.2 100.8

Manual Integrations
APPROVED

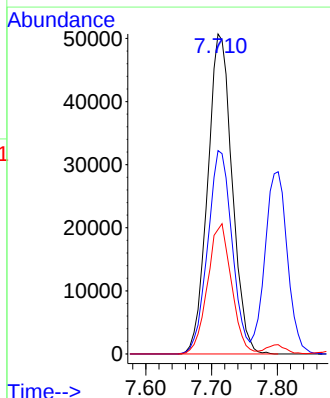
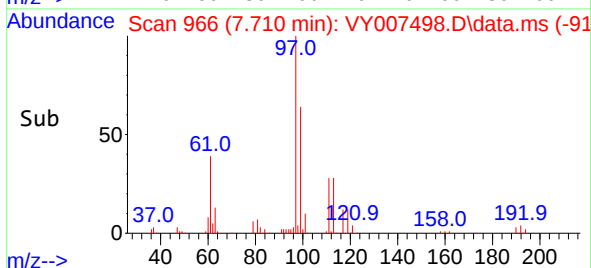
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

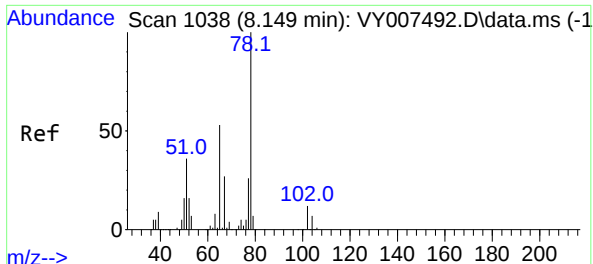


#32
1,1,1-Trichloroethane
Concen: 55.904 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion: 97 Resp: 131076
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 39.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.280 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 66900

Ion Ratio Lower Upper

65 100

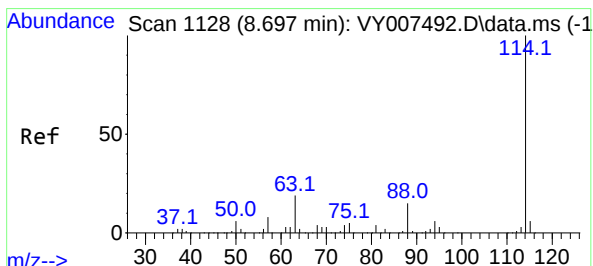
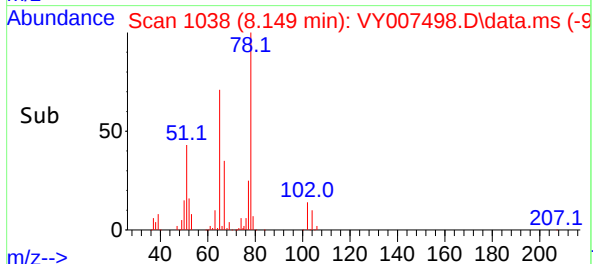
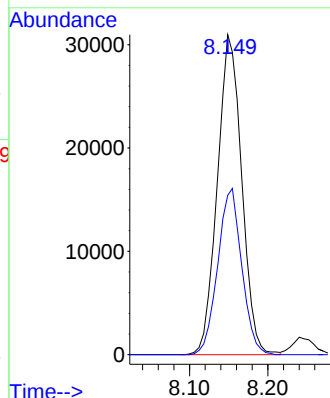
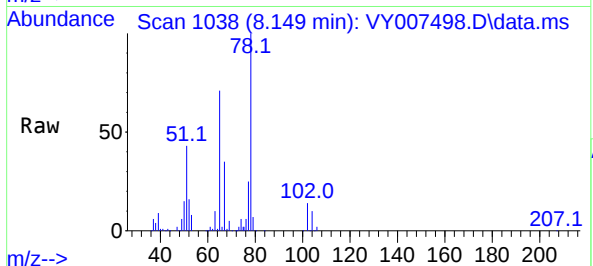
67 51.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

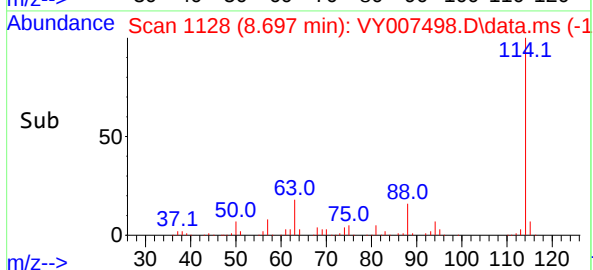
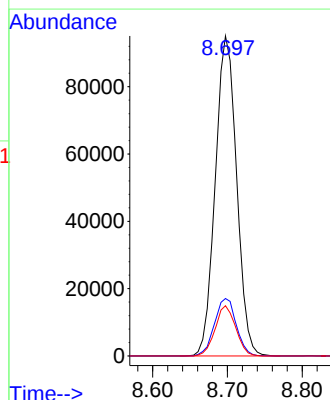
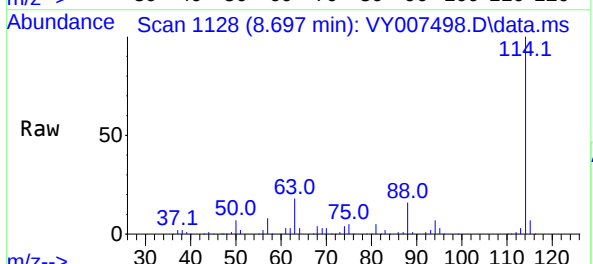
Tgt Ion:114 Resp: 188414

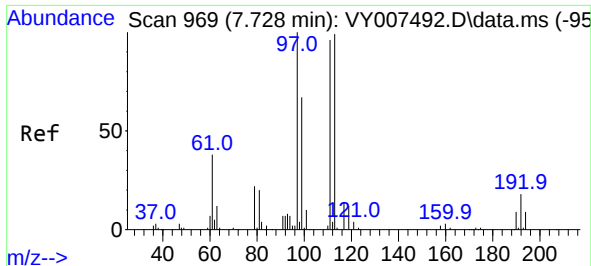
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

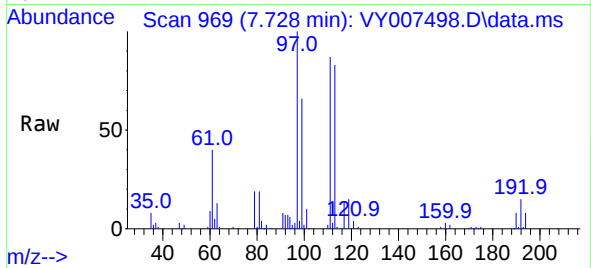
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.682 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

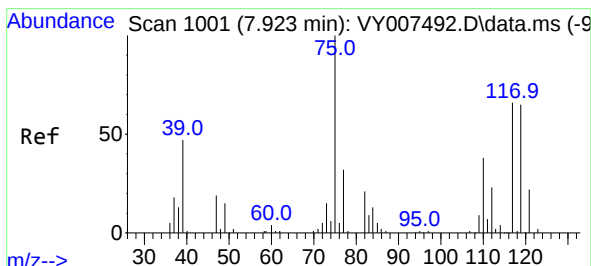
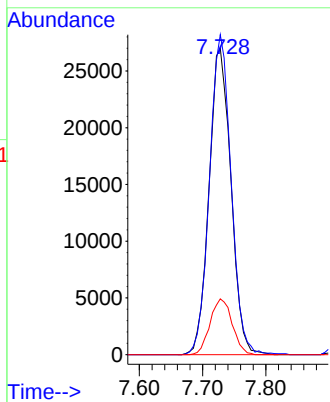
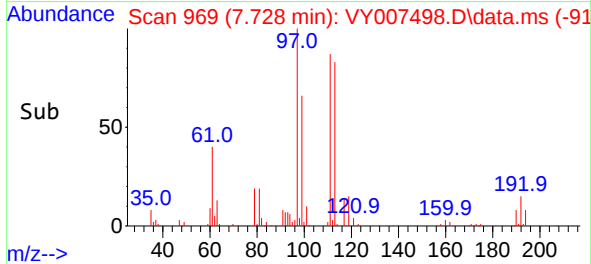
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



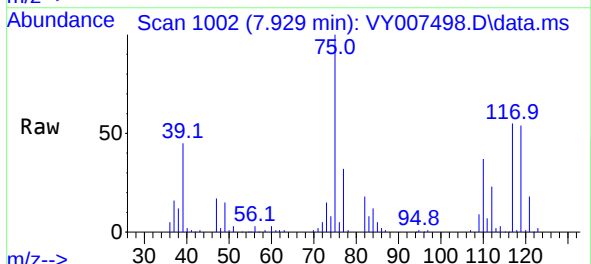
Tgt Ion: 113 Resp: 6497
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.4 17.6 26.4

Manual Integrations
APPROVED

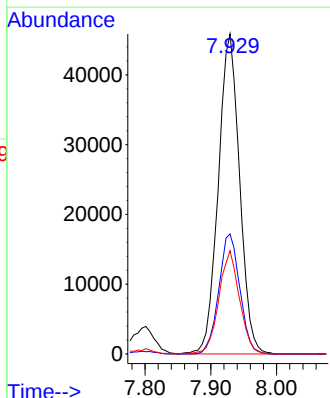
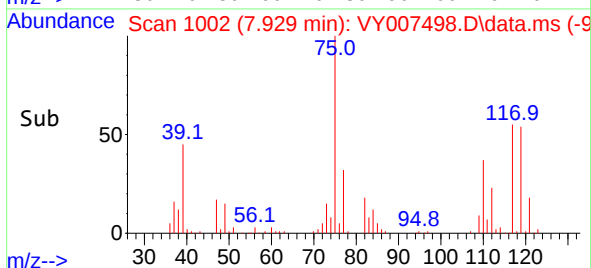
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

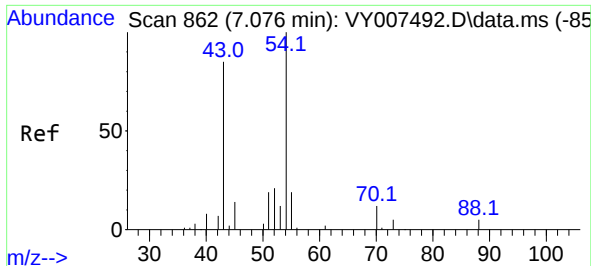


#36
1,1-Dichloropropene
Concen: 53.745 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



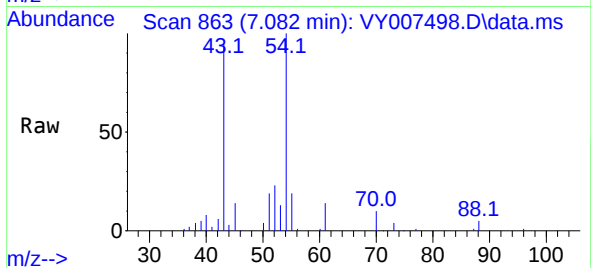
Tgt Ion: 75 Resp: 103461
Ion Ratio Lower Upper
75 100
110 36.9 17.1 51.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 50.911 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

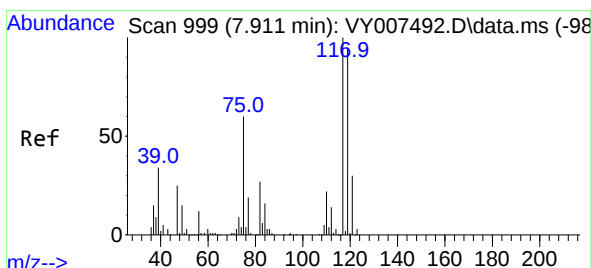
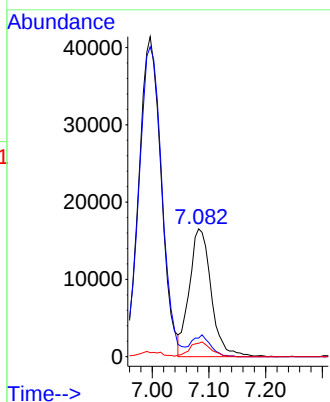
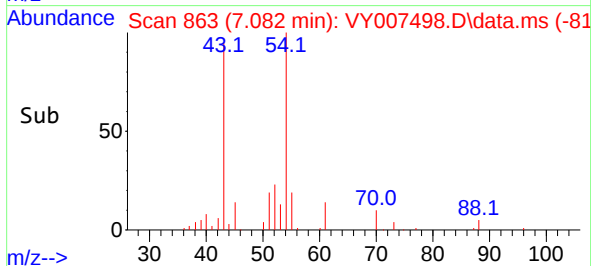
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5
70 11.1 7.1 10.7

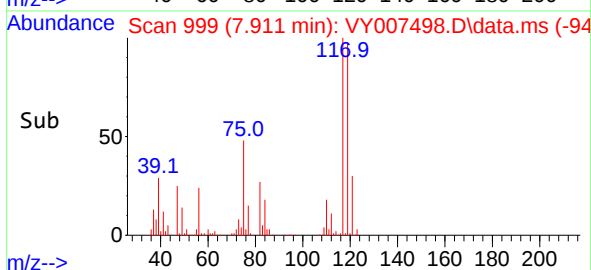
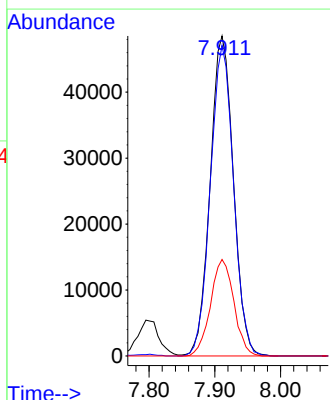
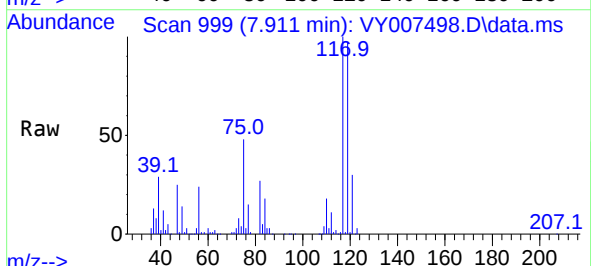
Manual Integrations
APPROVED

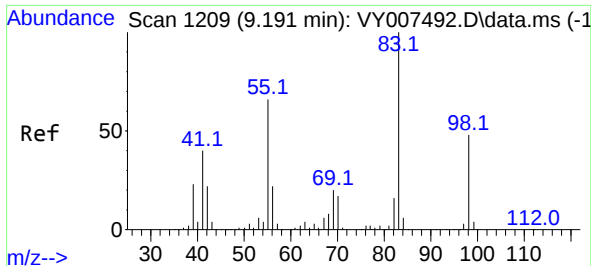
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#38
Carbon Tetrachloride
Concen: 54.503 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

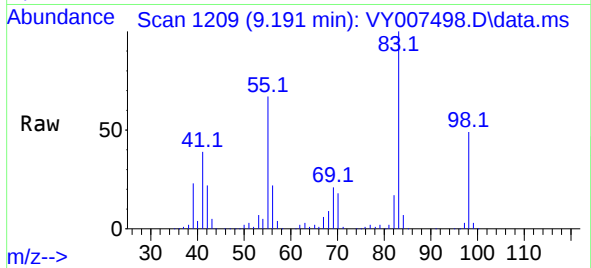
Tgt Ion:117 Resp: 119221
Ion Ratio Lower Upper
117 100
119 97.0 77.9 116.9
121 30.2 24.8 37.2





#39
Methylcyclohexane
Concen: 51.931 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

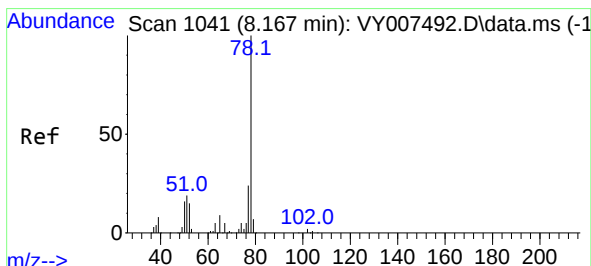
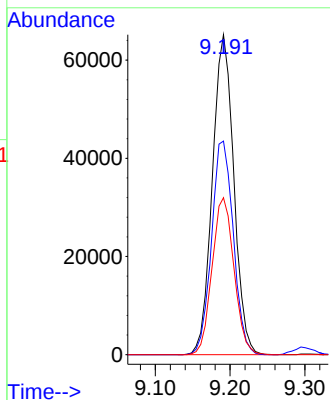
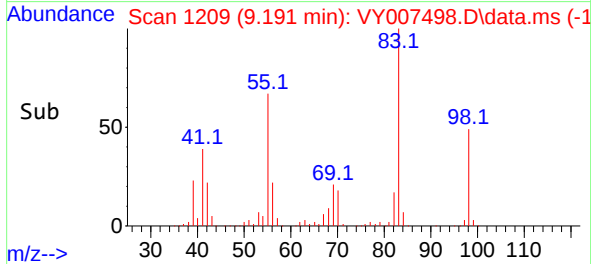
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



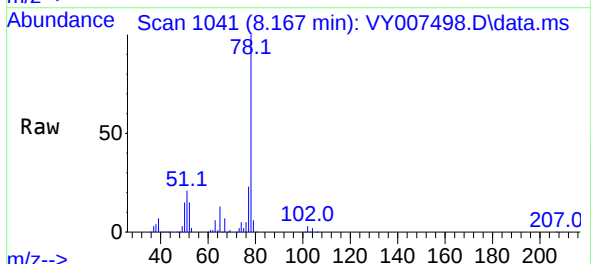
Tgt Ion: 83 Resp: 12979
Ion Ratio Lower Upper
83 100
55 66.8 66.5 99.7
98 49.0 37.9 56.9

Manual Integrations
APPROVED

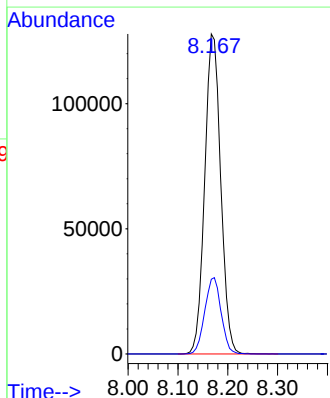
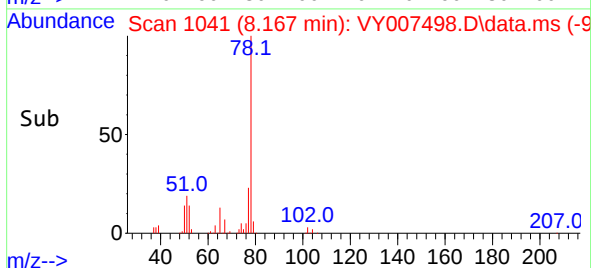
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

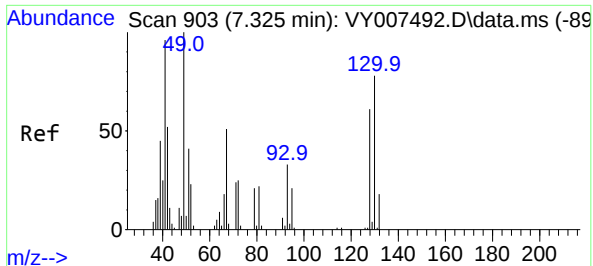


#40
Benzene
Concen: 53.760 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



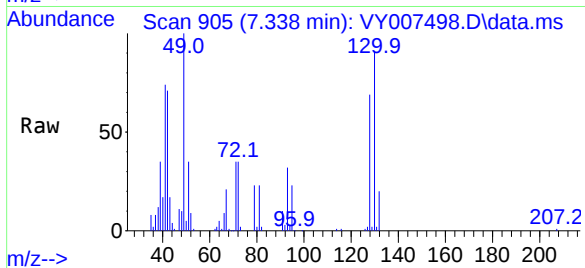
Tgt Ion: 78 Resp: 284555
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6





#41
Methacrylonitrile
Concen: 51.528 ug/l m
RT: 7.338 min Scan# 903
Delta R.T. 0.025 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

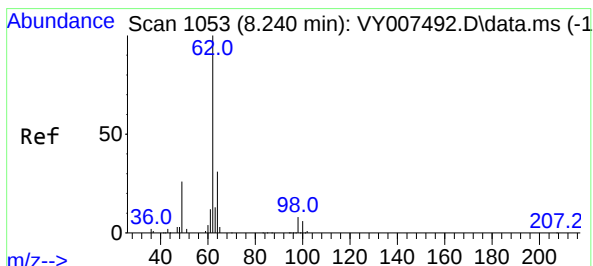
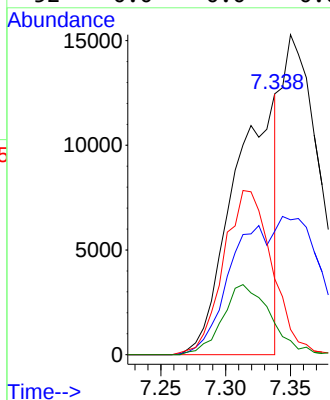
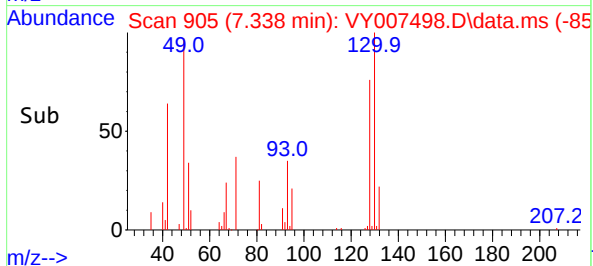
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2909
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

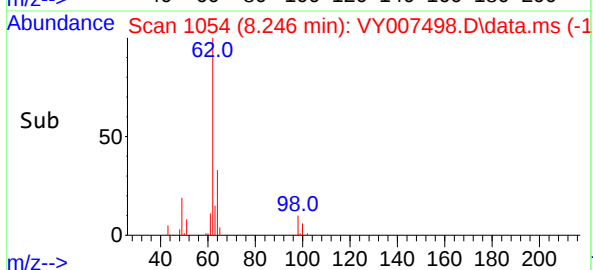
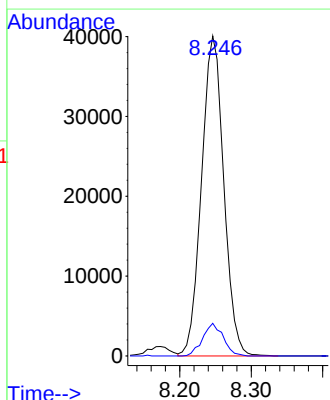
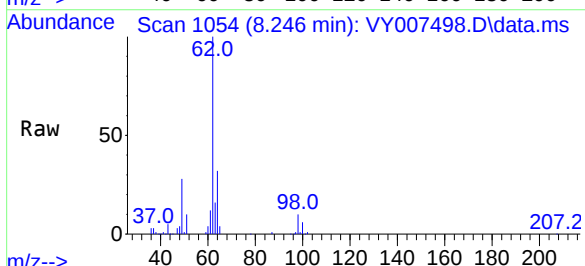
Manual Integrations
APPROVED

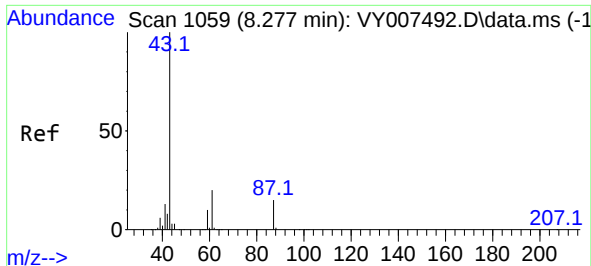
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#42
1,2-Dichloroethane
Concen: 53.482 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion: 62 Resp: 86504
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 50.135 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

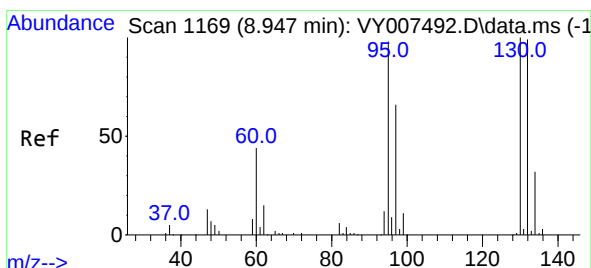
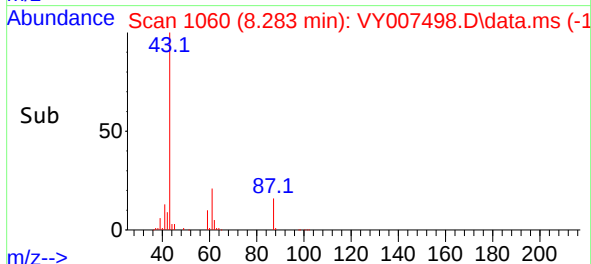
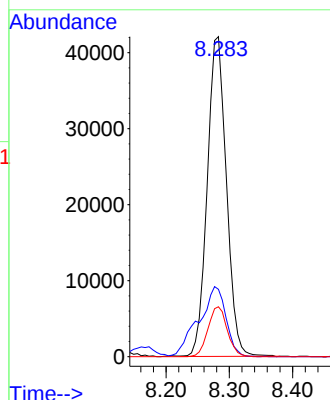
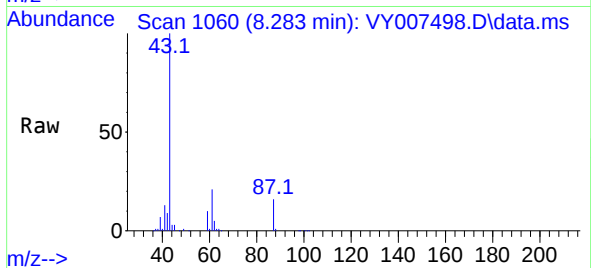
Tgt Ion:	43	Resp:	8856
Ion Ratio	Lower	Upper	
43	100		
61	31.3	20.2	30.2
87	15.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#44

Trichloroethene

Concen: 54.474 ug/l

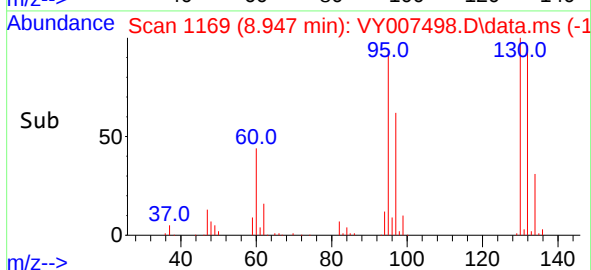
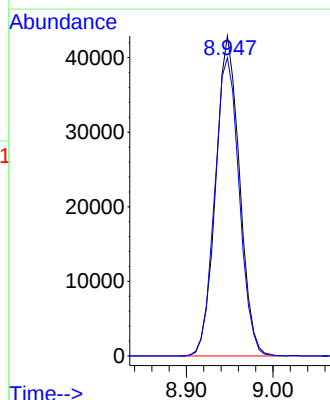
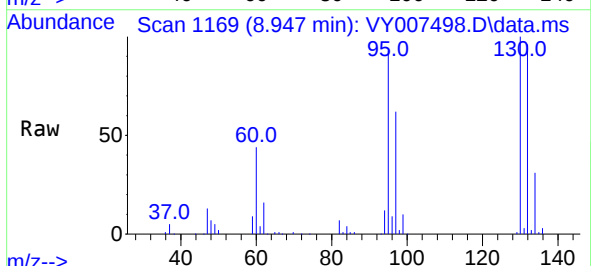
RT: 8.947 min Scan# 1169

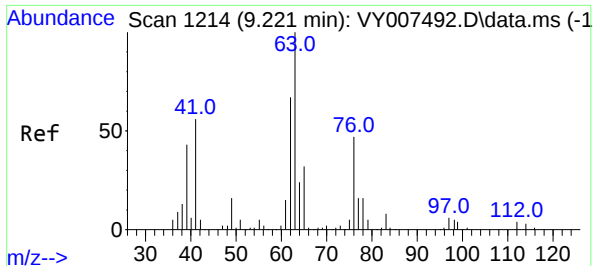
Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Tgt Ion:	130	Resp:	81794
Ion Ratio	Lower	Upper	
130	100		
95	93.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 54.098 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6808

Ion Ratio Lower Upper

63 100

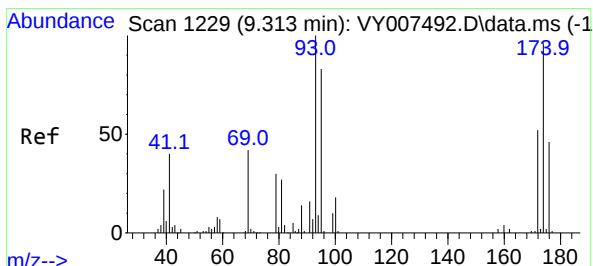
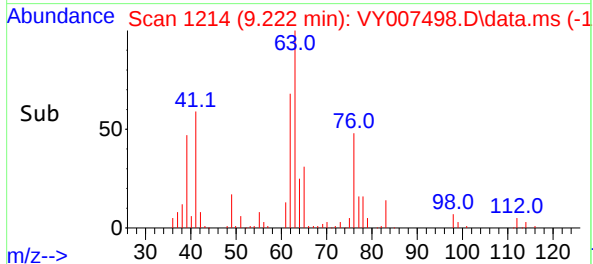
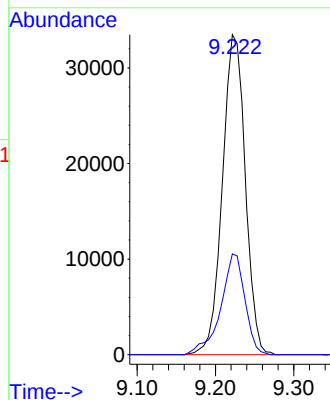
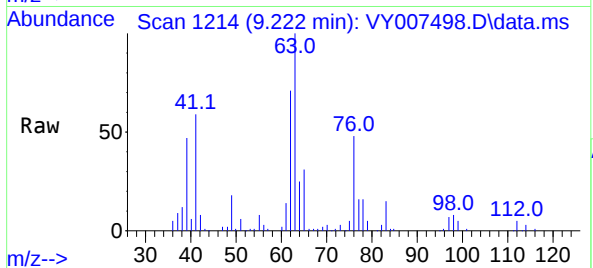
65 31.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 53.753 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

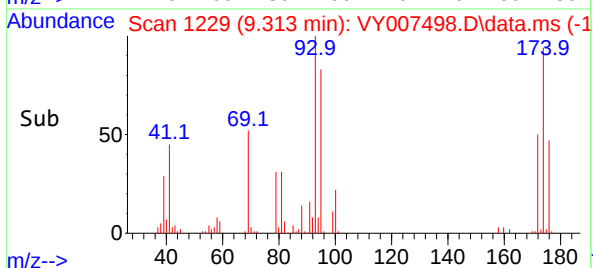
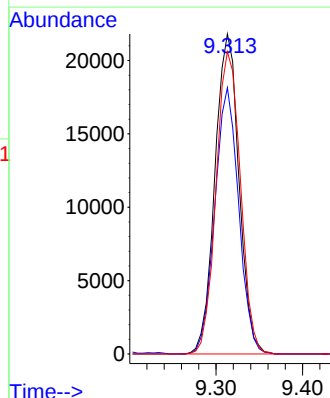
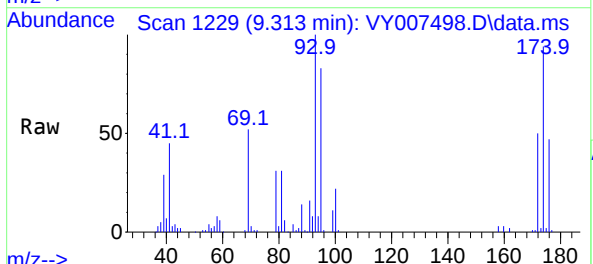
Tgt Ion: 93 Resp: 42009

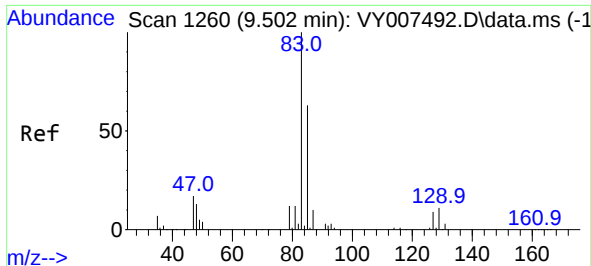
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

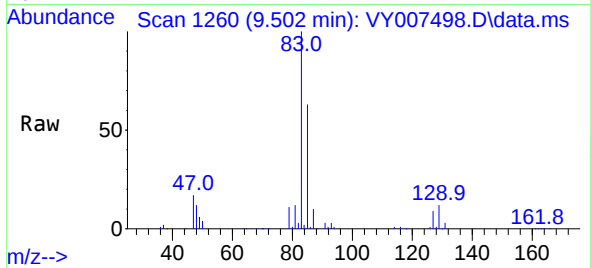
174 95.6 83.4 125.0





#47
Bromodichloromethane
Concen: 54.448 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

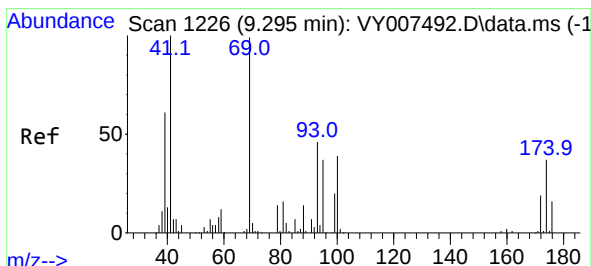
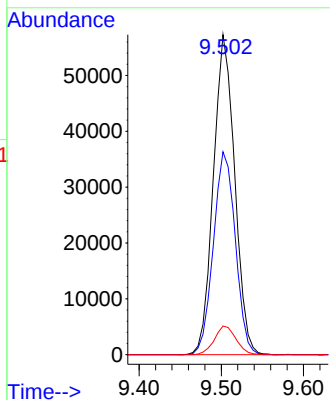
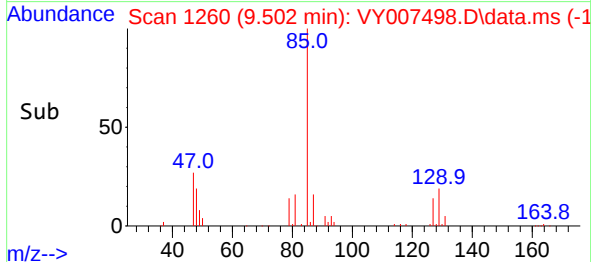
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



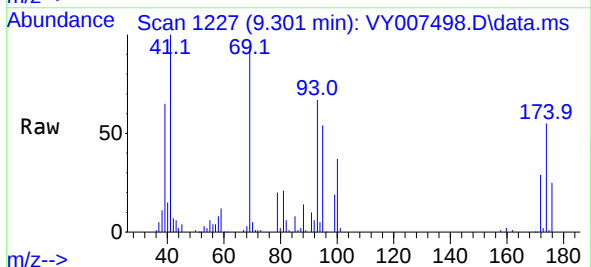
Tgt Ion: 83 Resp: 103330
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 9.0 6.6 10.0

Manual Integrations
APPROVED

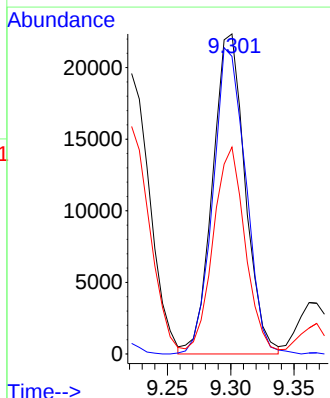
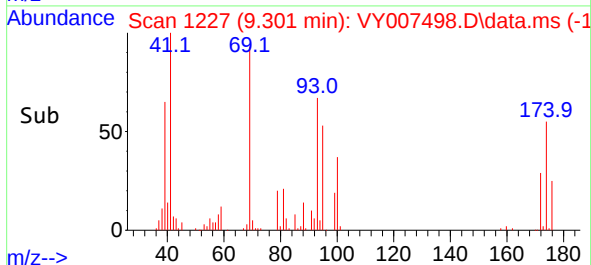
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

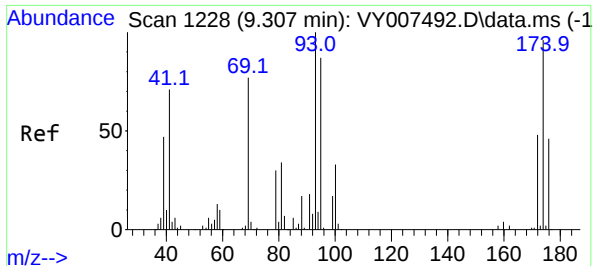


#48
Methyl methacrylate
Concen: 51.149 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion: 41 Resp: 40042
Ion Ratio Lower Upper
41 100
69 96.0 58.2 87.2#
39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1006.528 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 846

Ion Ratio Lower Upper

88 100

43 31.7 32.8 49.2

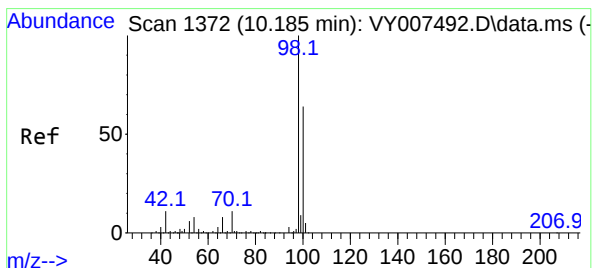
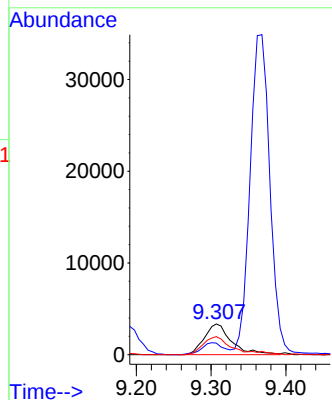
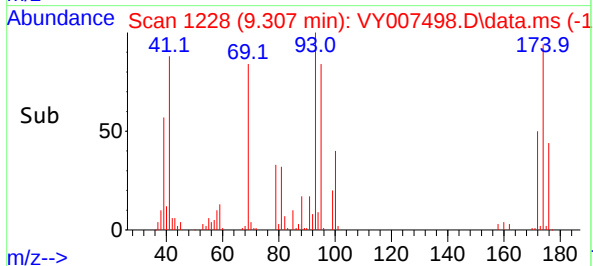
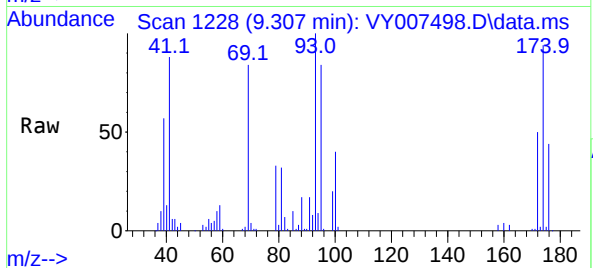
58 56.2 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 53.932 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007498.D

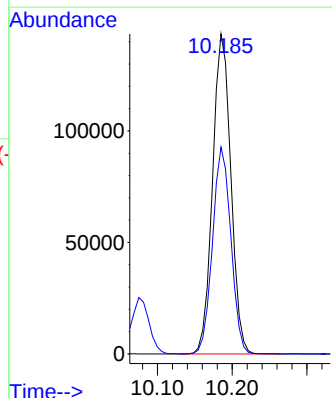
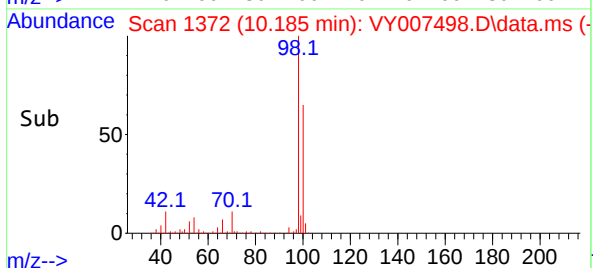
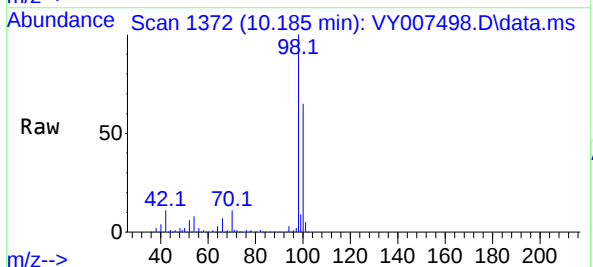
Acq: 15 Feb 2022 11:44

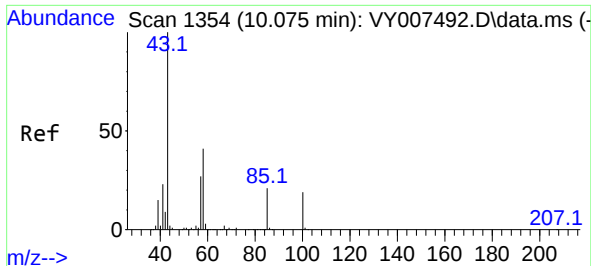
Tgt Ion: 98 Resp: 243391

Ion Ratio Lower Upper

98 100

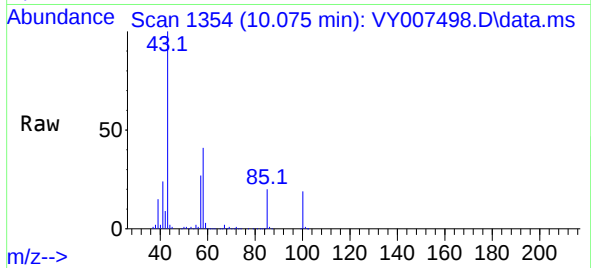
100 64.9 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 253.751 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

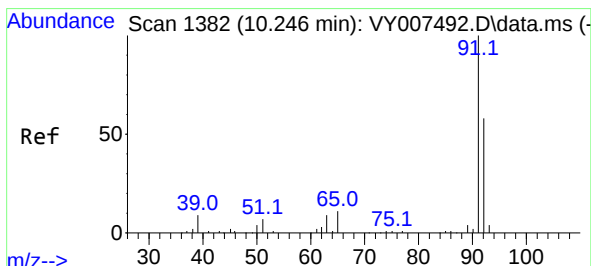
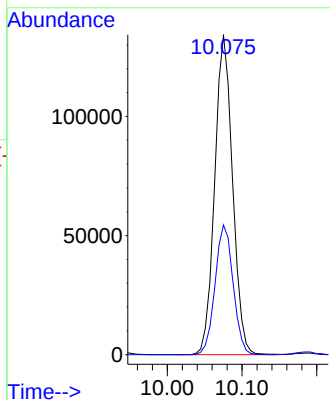
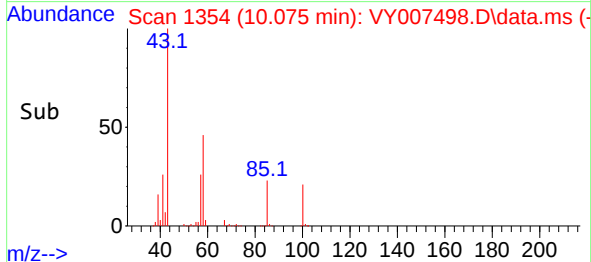
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



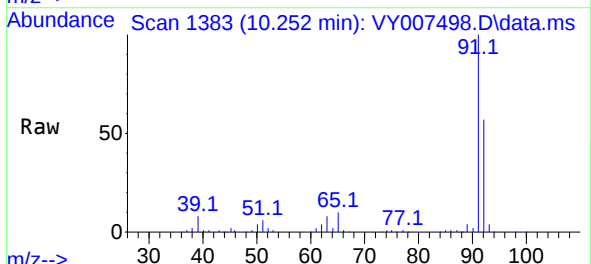
Tgt Ion: 43 Resp: 222623
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1

Manual Integrations
APPROVED

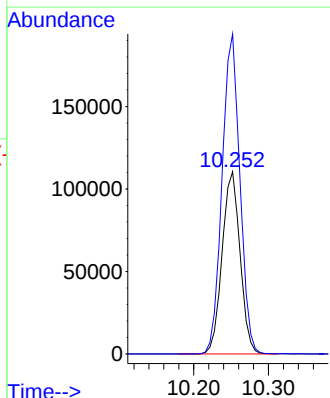
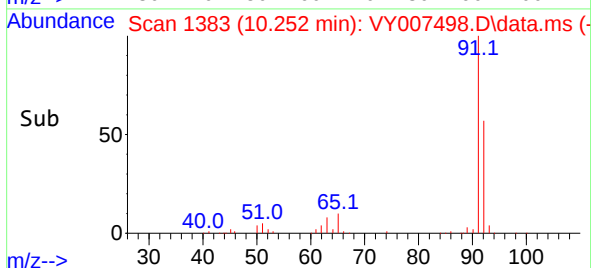
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

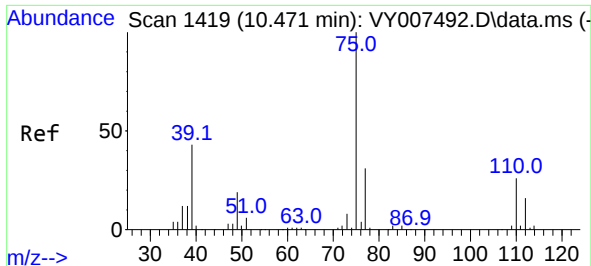


#52
Toluene
Concen: 54.218 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion: 92 Resp: 184010
Ion Ratio Lower Upper
92 100
91 174.7 142.6 213.8





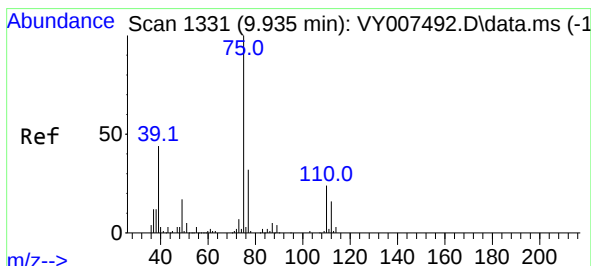
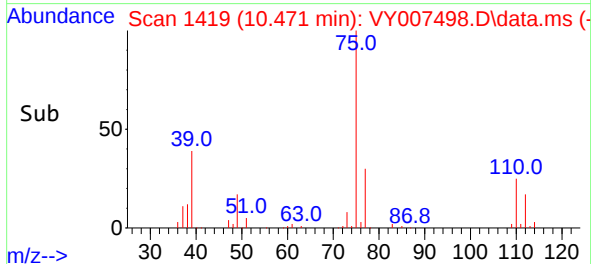
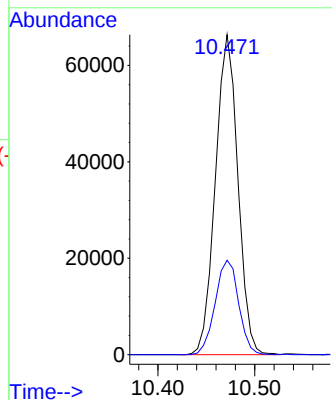
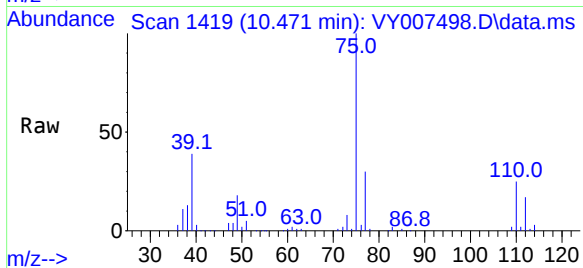
#53
t-1,3-Dichloropropene
Concen: 54.016 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 107030
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2

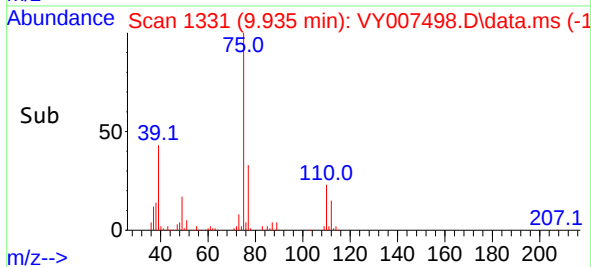
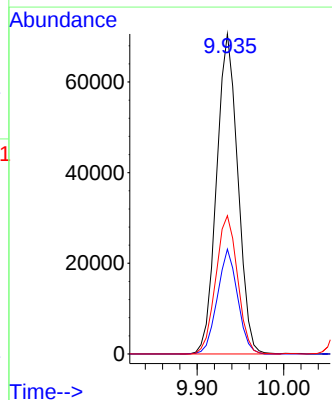
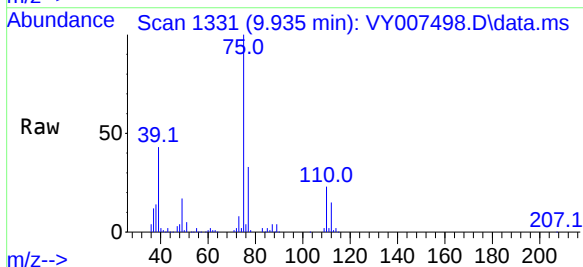
Manual Integrations
APPROVED

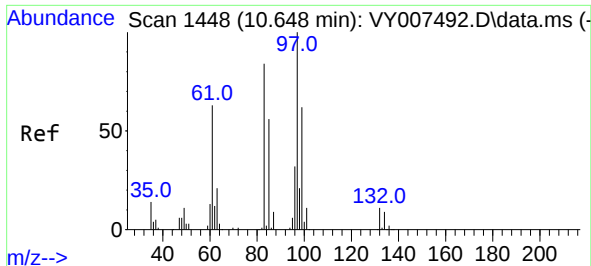
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#54
cis-1,3-Dichloropropene
Concen: 54.410 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

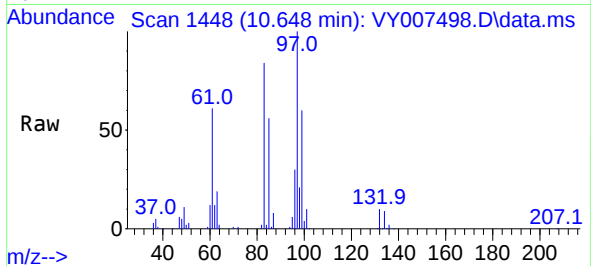
Tgt Ion: 75 Resp: 120310
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4
39 43.2 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 53.924 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

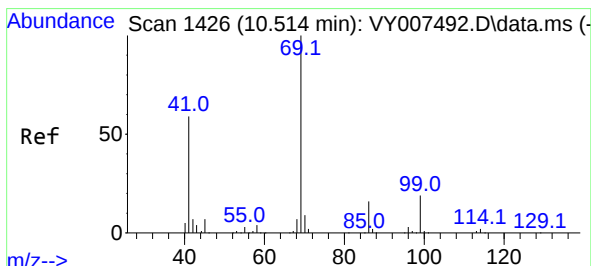
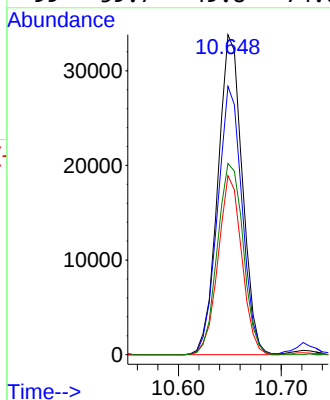
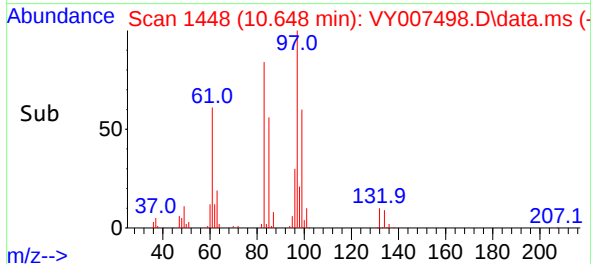


Tgt Ion: 97 Resp: 55894

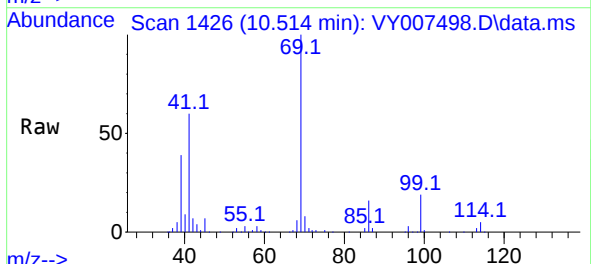
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	56.0	44.3	66.5
99	59.7	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

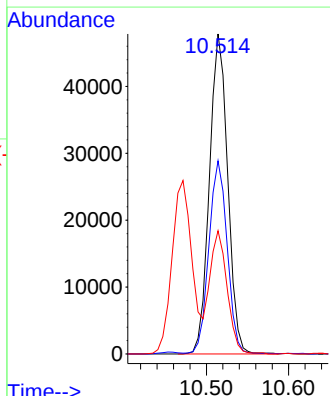
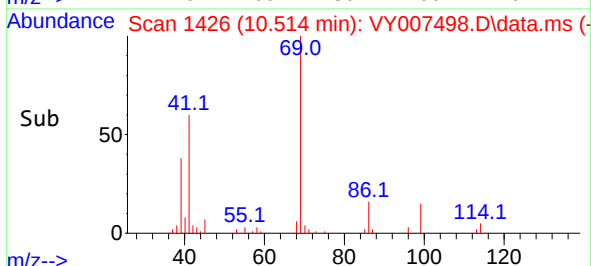


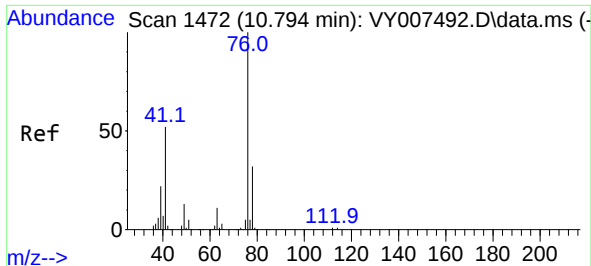
#56
Ethyl methacrylate
Concen: 53.023 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion: 69 Resp: 73908

Ion	Ratio	Lower	Upper
69	100		
41	60.2	63.4	95.0
39	36.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 53.680 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.007 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9582

Ion Ratio Lower Upper

76 100

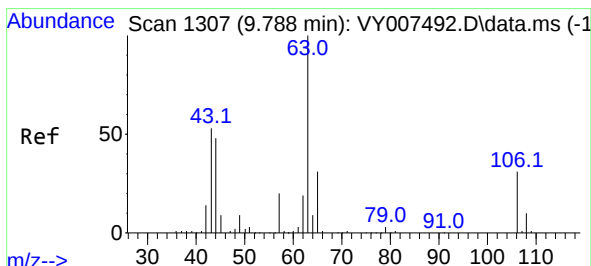
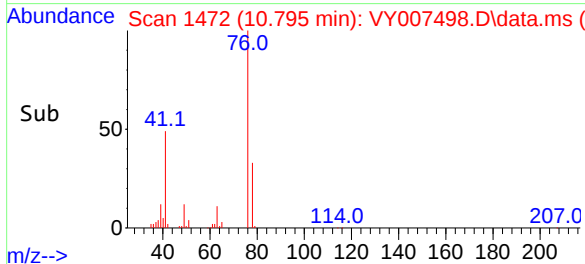
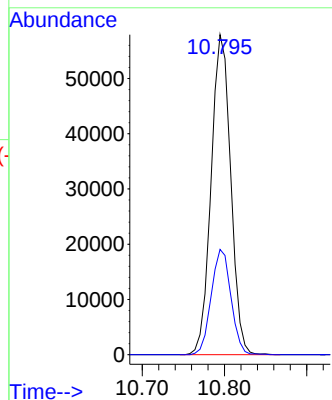
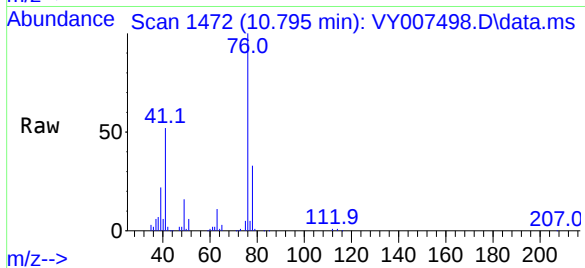
78 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.047 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007498.D

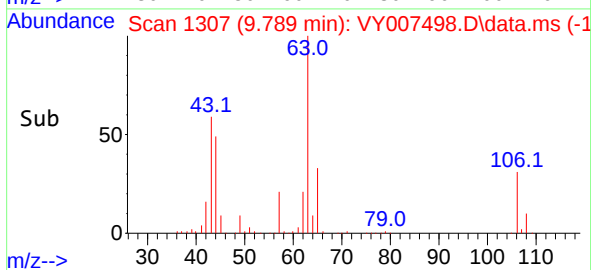
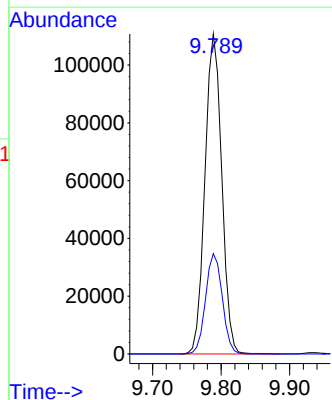
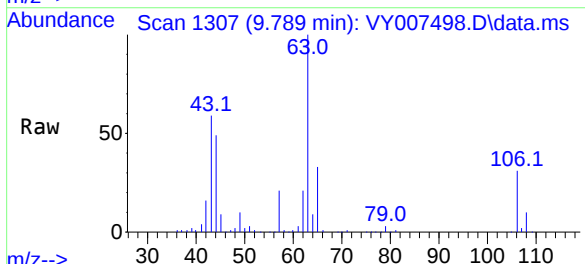
Acq: 15 Feb 2022 11:44

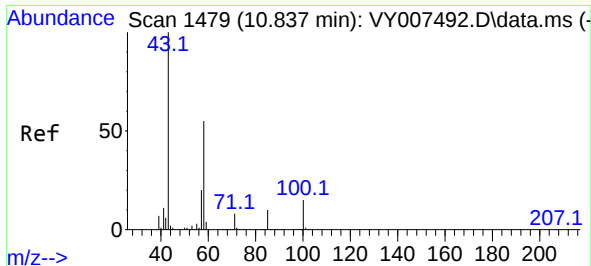
Tgt Ion: 63 Resp: 188871

Ion Ratio Lower Upper

63 100

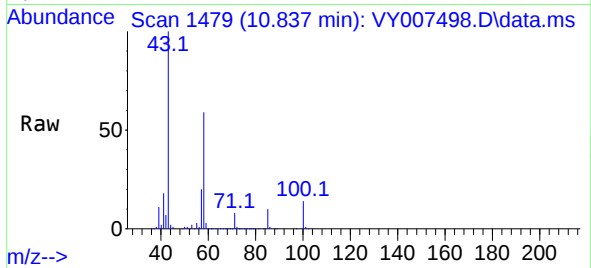
106 31.2 21.5 32.3





#59
2-Hexanone
Concen: 262.544 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

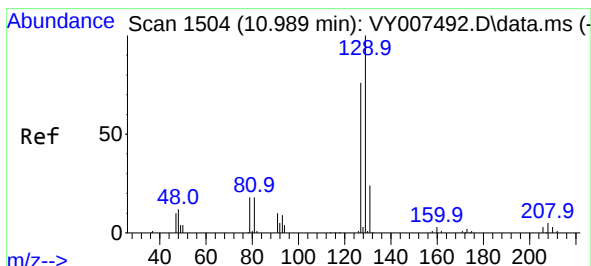
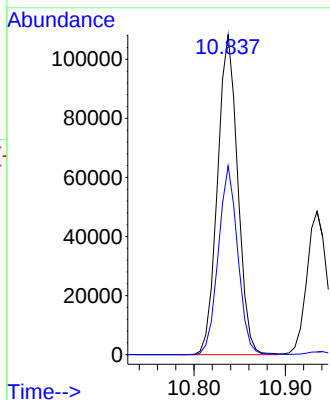
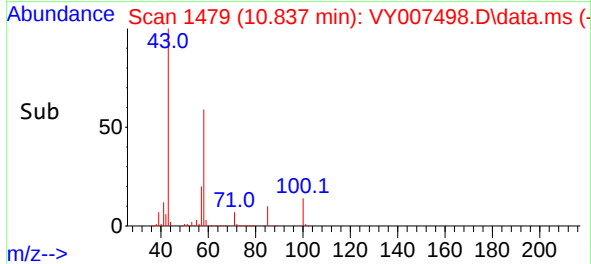
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 166294
Ion Ratio Lower Upper
43 100
58 56.8 24.4 73.4

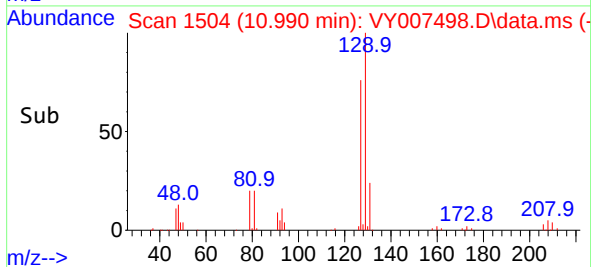
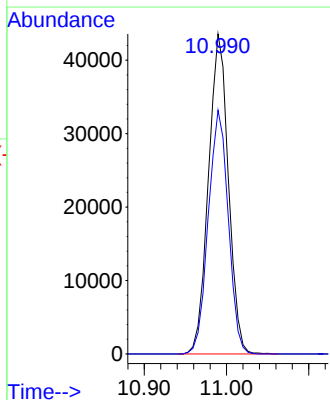
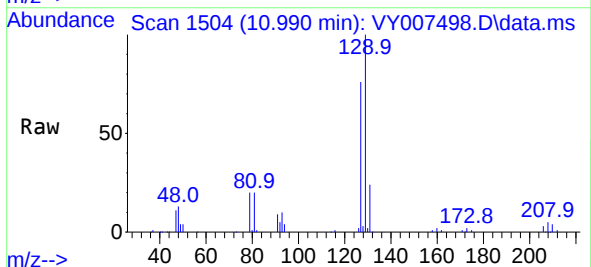
Manual Integrations
APPROVED

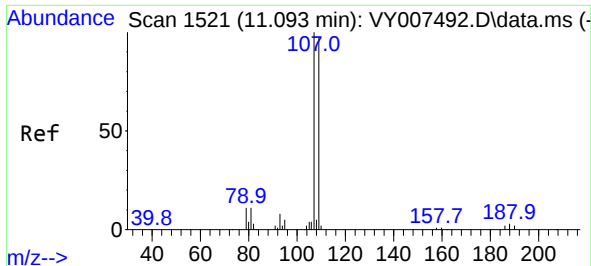
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 56.047 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion:129 Resp: 73259
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





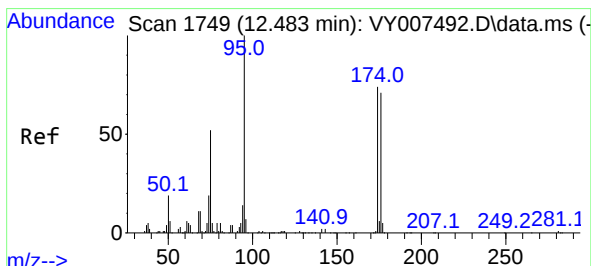
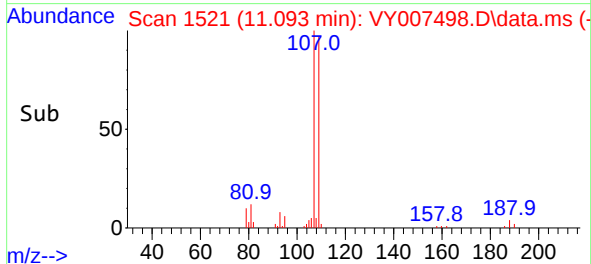
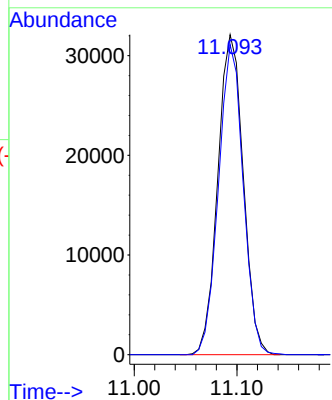
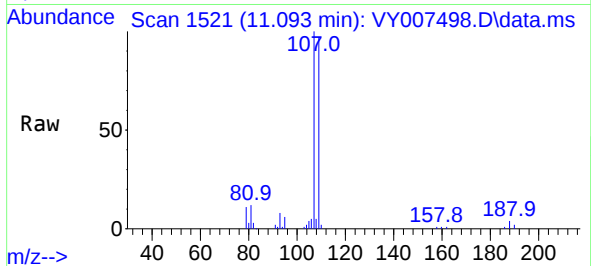
#61
1,2-Dibromoethane
Concen: 53.233 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5501
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2

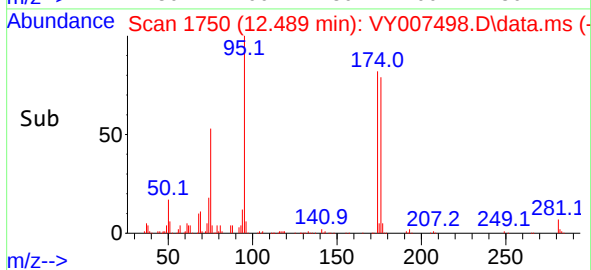
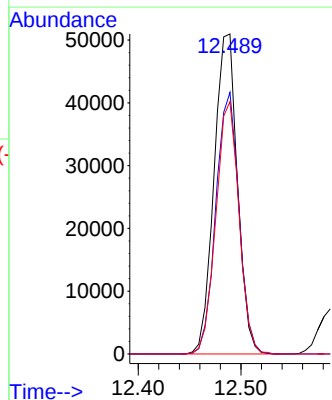
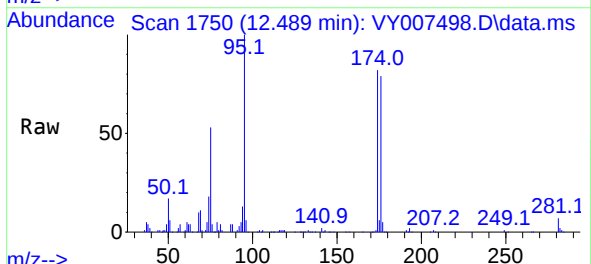
Manual Integrations
APPROVED

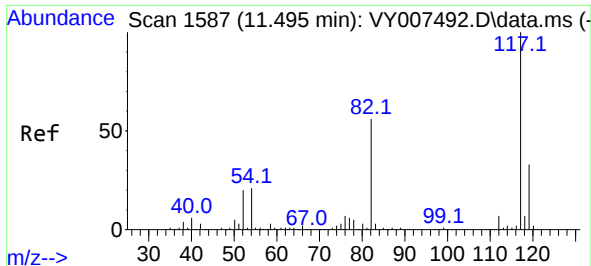
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
4-Bromofluorobenzene
Concen: 52.640 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

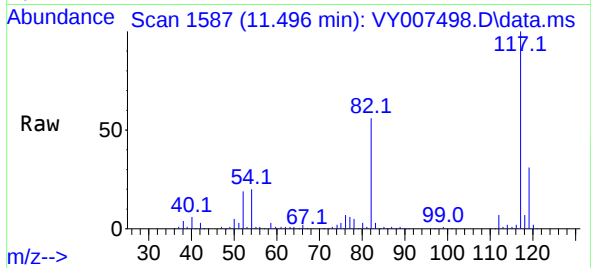
Tgt Ion: 95 Resp: 80550
Ion Ratio Lower Upper
95 100
174 80.5 0.0 177.0
176 77.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

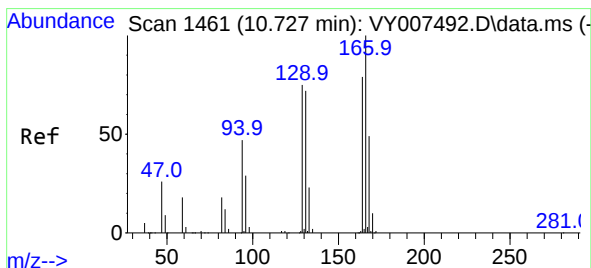
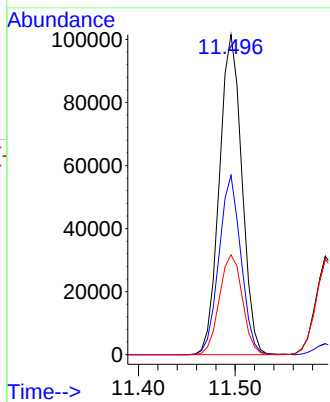
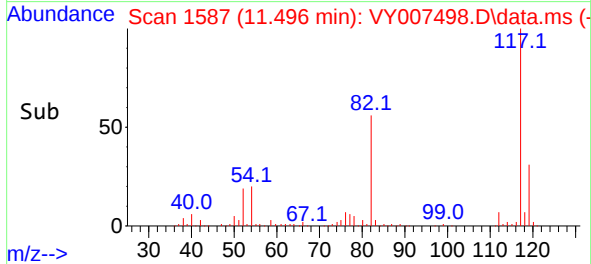
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



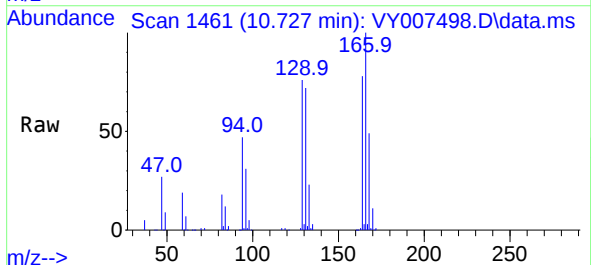
Tgt Ion:117 Resp: 16398
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 31.2 25.4 38.0

Manual Integrations
APPROVED

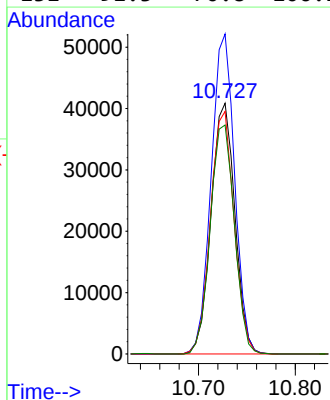
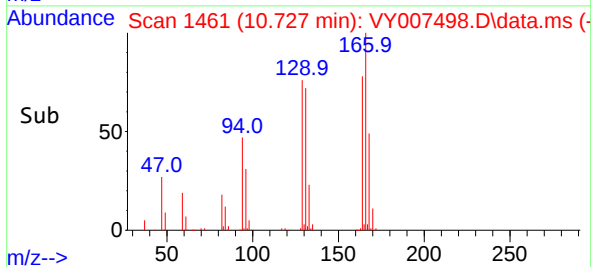
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

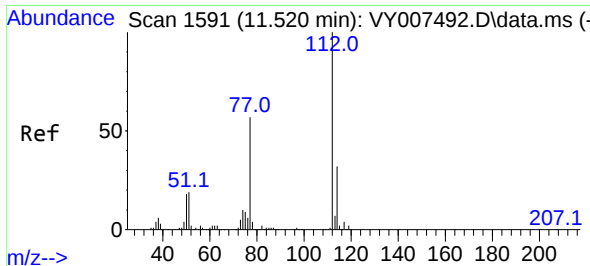


#64
Tetrachloroethene
Concen: 54.105 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



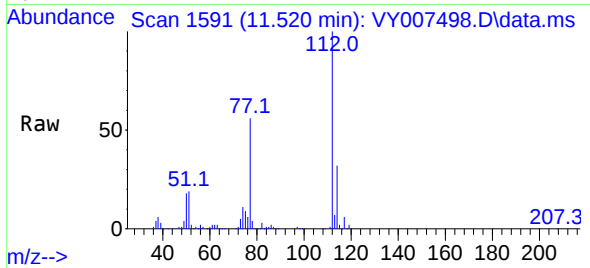
Tgt Ion:164 Resp: 69971
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 96.8 71.4 107.0
131 91.3 70.8 106.2





#65
Chlorobenzene
Concen: 54.831 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

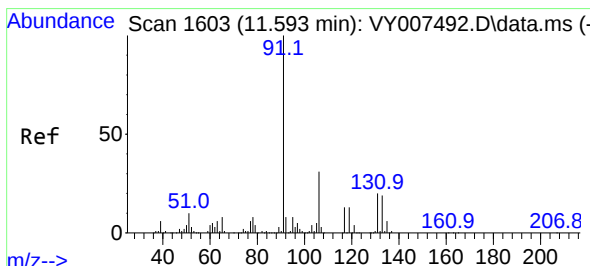
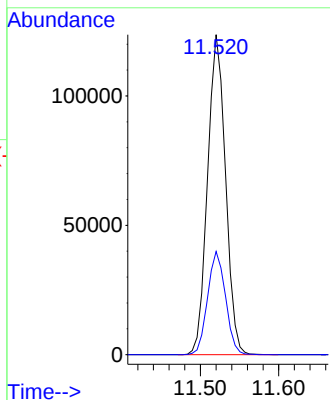
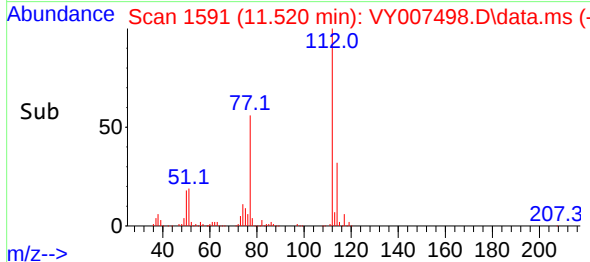
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



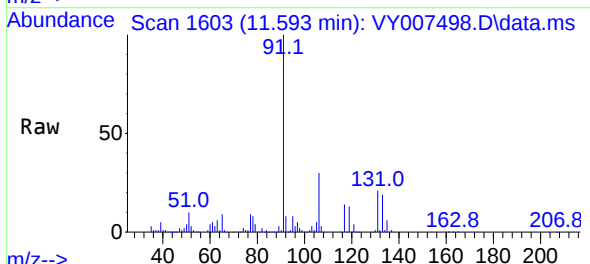
Tgt Ion:112 Resp: 196938
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

Manual Integrations
APPROVED

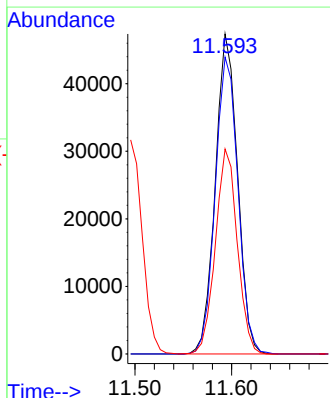
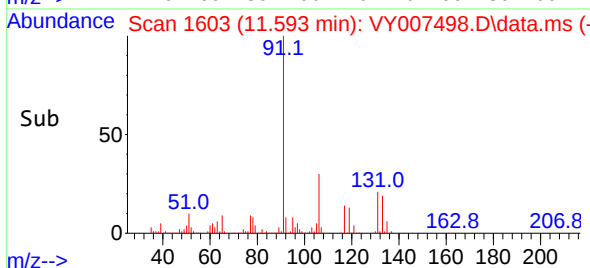
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

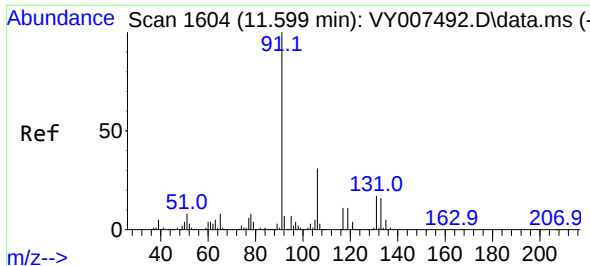


#66
1,1,1,2-Tetrachloroethane
Concen: 55.609 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



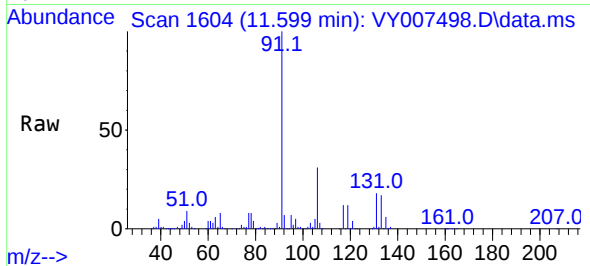
Tgt Ion:131 Resp: 75434
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 63.3 30.8 92.3





#67
Ethyl Benzene
Concen: 54.519 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

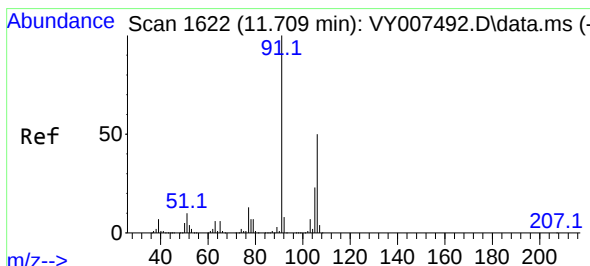
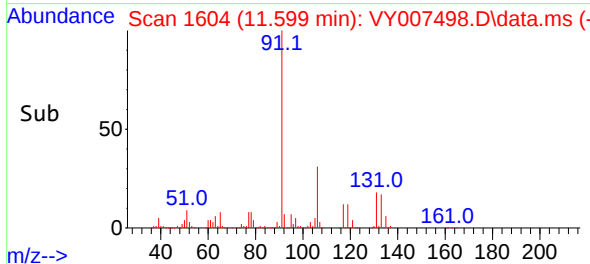
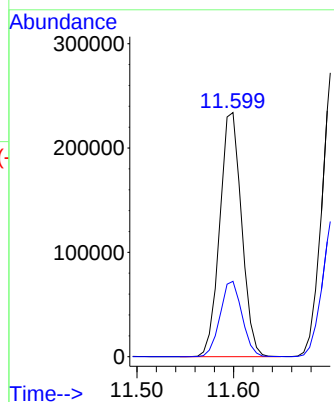
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 366490
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

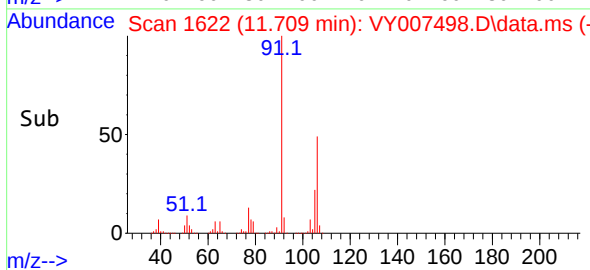
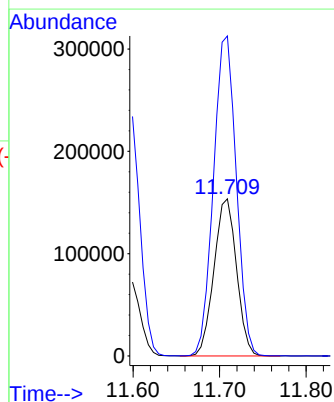
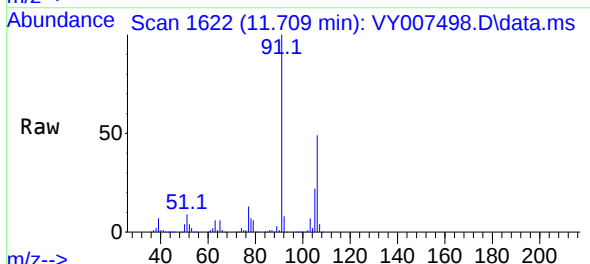
Manual Integrations
APPROVED

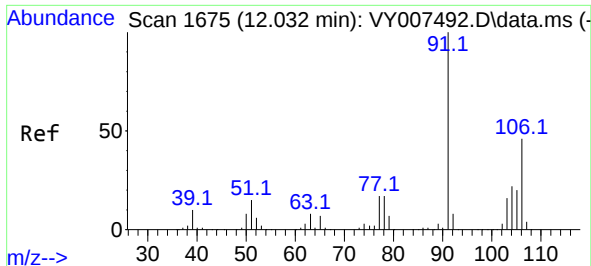
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#68
m/p-Xylenes
Concen: 109.301 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion:106 Resp: 278066
Ion Ratio Lower Upper
106 100
91 206.2 166.6 249.8





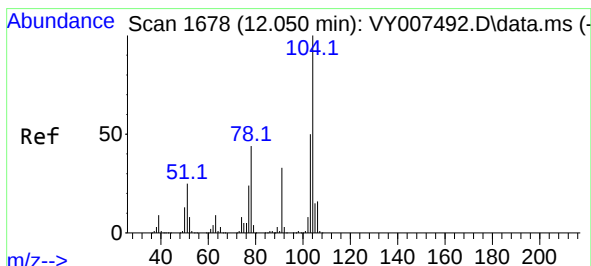
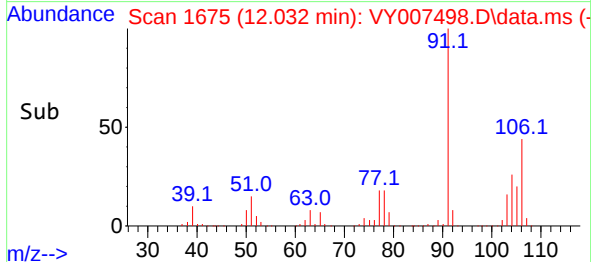
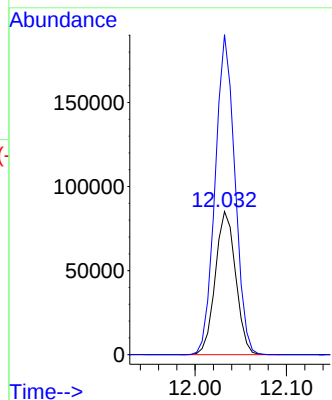
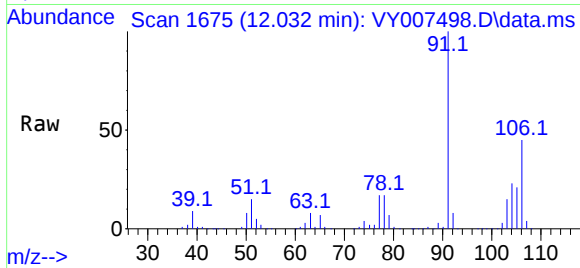
#69
o-Xylene
Concen: 54.825 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 131974
Ion Ratio Lower Upper
106 100
91 216.8 110.3 331.0

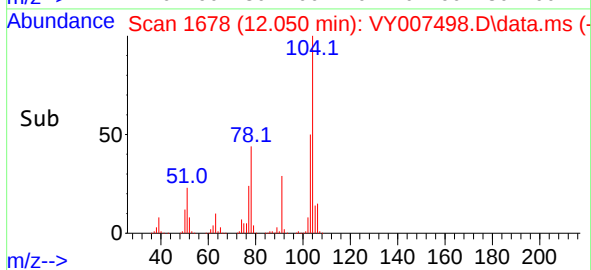
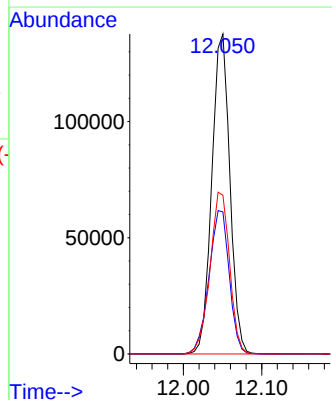
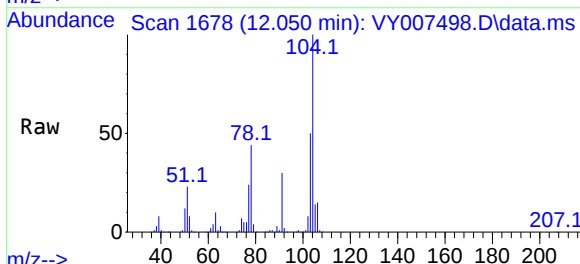
Manual Integrations
APPROVED

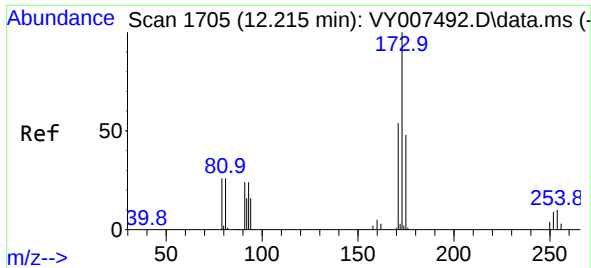
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 55.729 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion:104 Resp: 220574
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 55.0 44.4 66.6





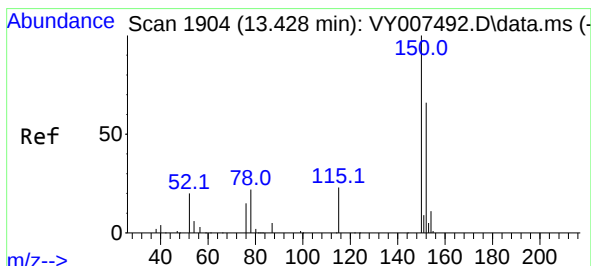
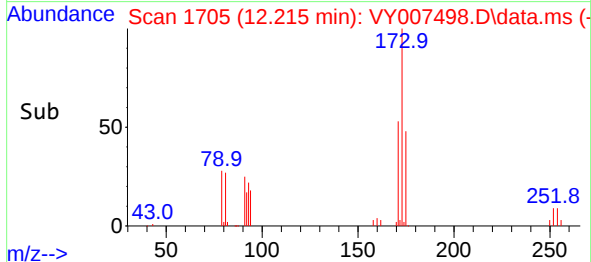
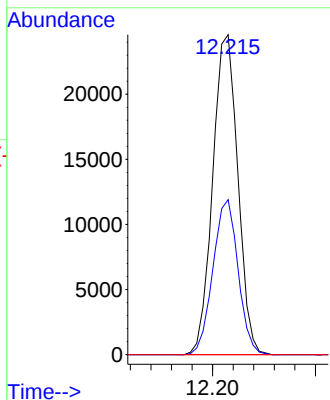
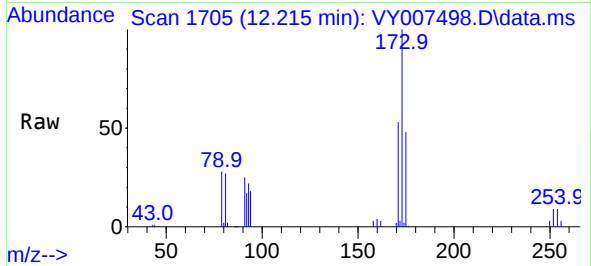
#71
Bromoform
Concen: 55.753 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 41658
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

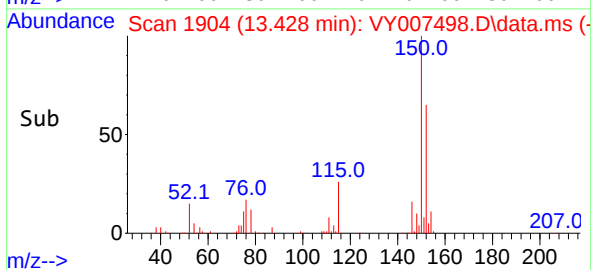
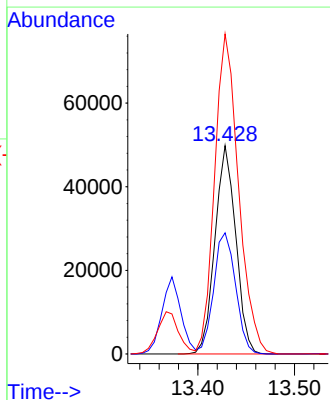
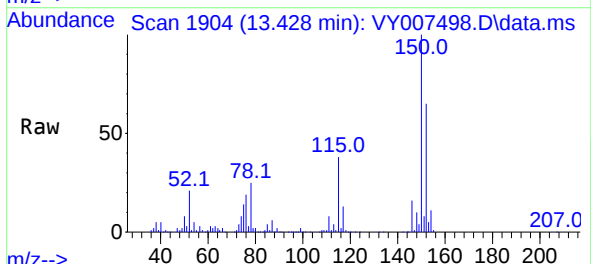
Manual Integrations
APPROVED

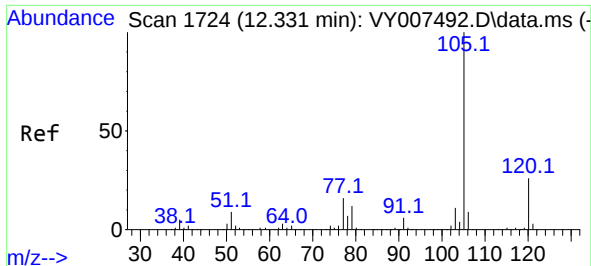
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

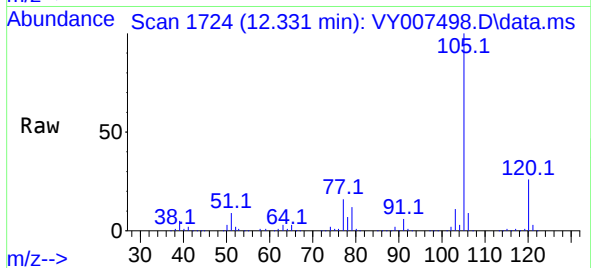
Tgt Ion:152 Resp: 74483
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 176.2 0.0 347.6





#73
Isopropylbenzene
Concen: 54.319 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

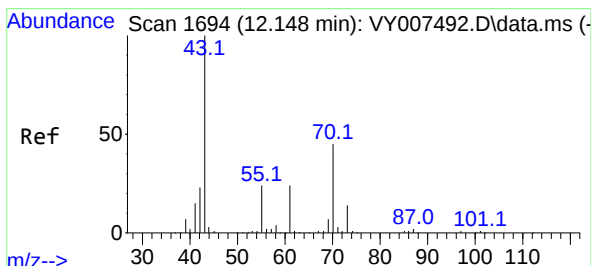
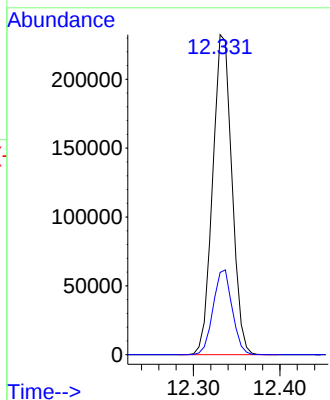
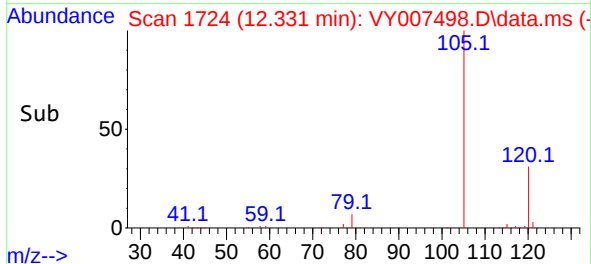
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



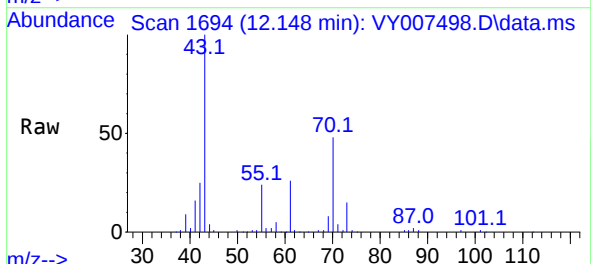
Tgt Ion:105 Resp: 35843
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.2

Manual Integrations
APPROVED

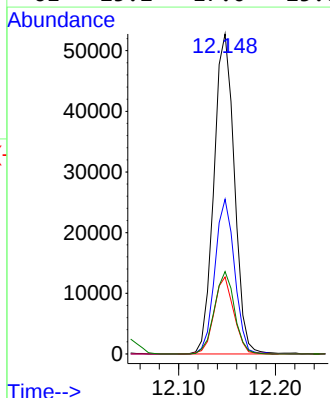
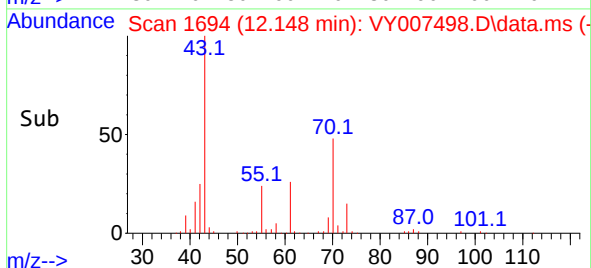
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

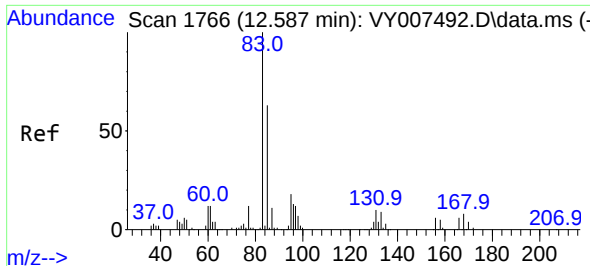


#74
N-ethyl acetate
Concen: 51.813 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



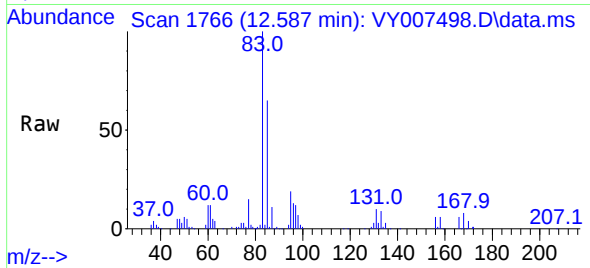
Tgt Ion: 43 Resp: 77401
Ion Ratio Lower Upper
43 100
70 46.7 28.7 43.1#
55 23.3 17.3 25.9
61 25.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 53.156 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

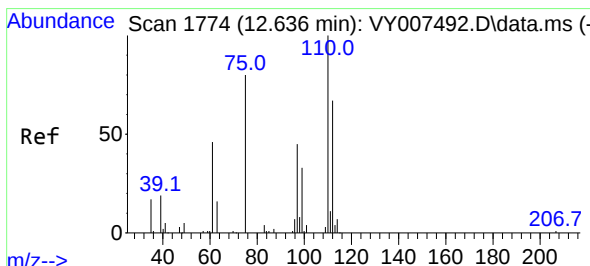
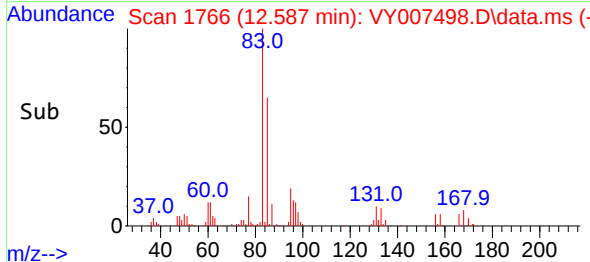
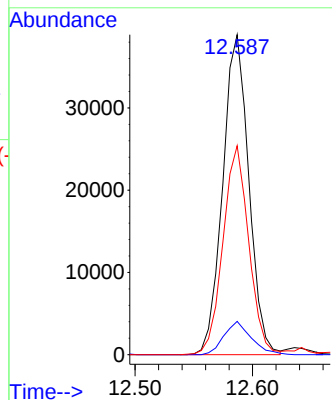
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 60079
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.5 32.3 96.8

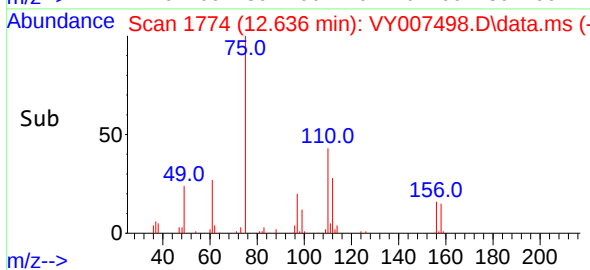
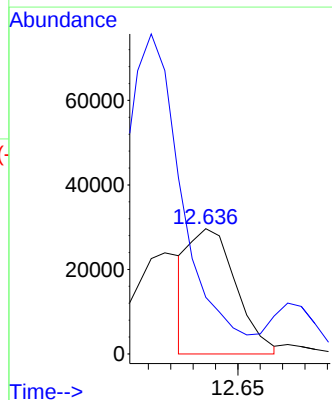
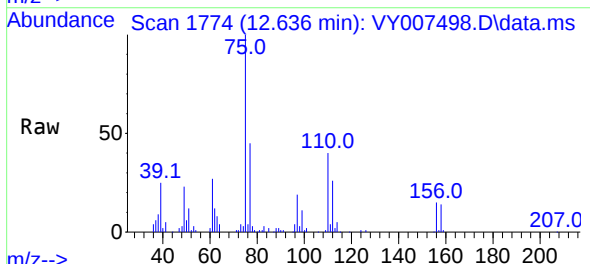
Manual Integrations
APPROVED

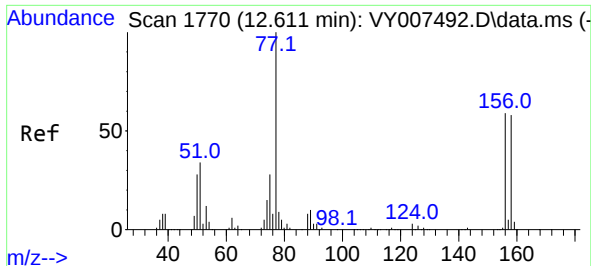
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#76
1,2,3-Trichloropropane
Concen: 50.031 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

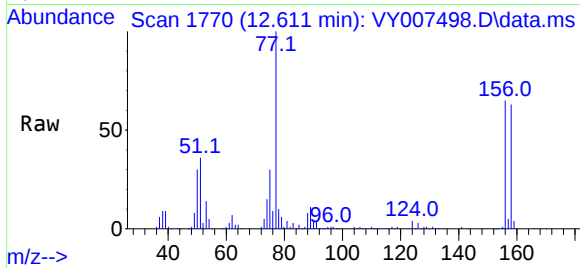
Tgt Ion: 75 Resp: 43057
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 54.473 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

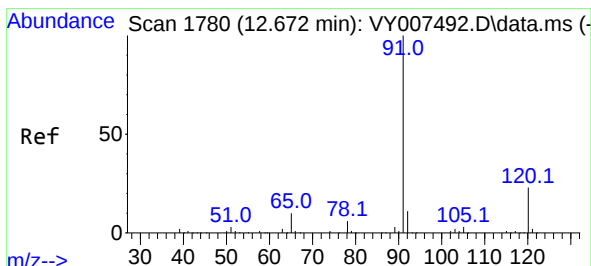
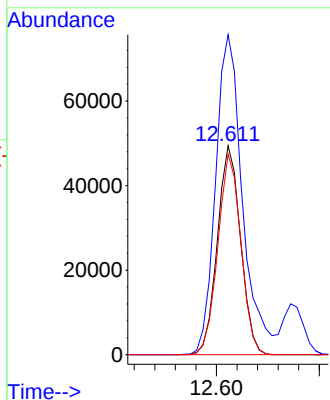
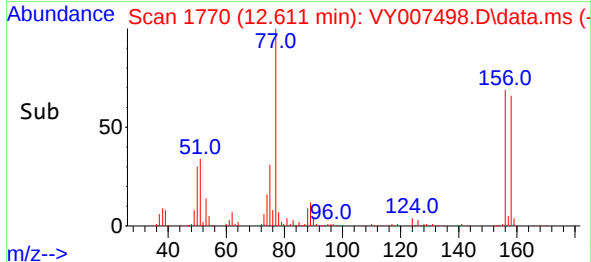
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



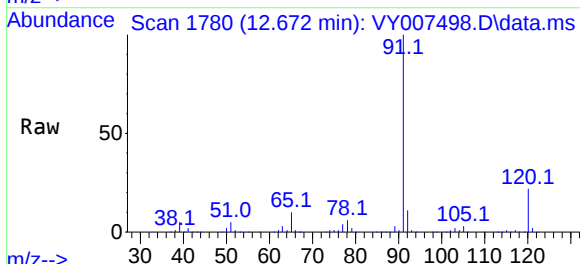
Tgt Ion:156 Resp: 77188
Ion Ratio Lower Upper
156 100
77 177.0 95.5 286.4
158 95.4 48.0 144.0

Manual Integrations
APPROVED

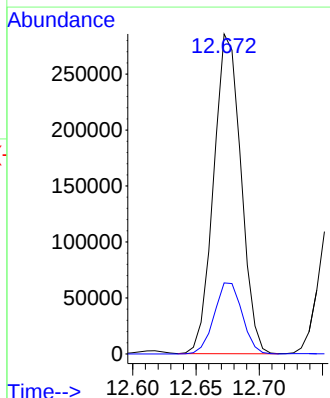
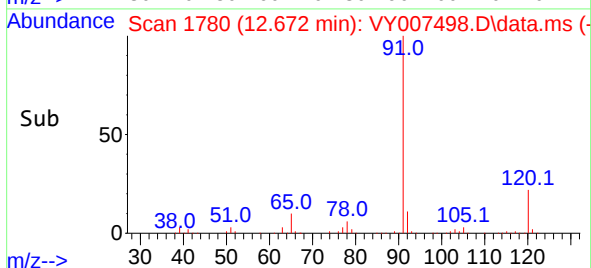
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

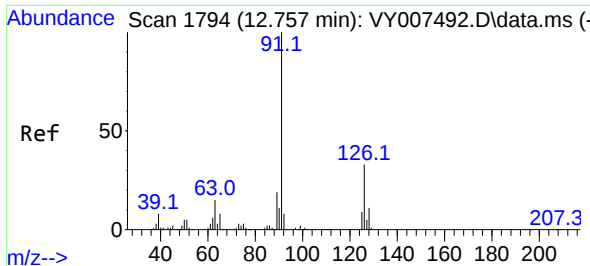


#78
n-propylbenzene
Concen: 53.958 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion: 91 Resp: 428445
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





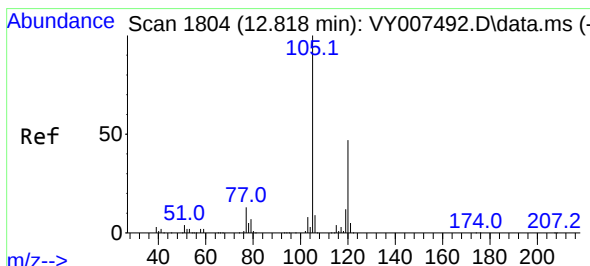
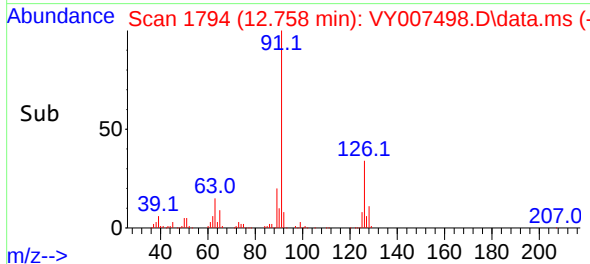
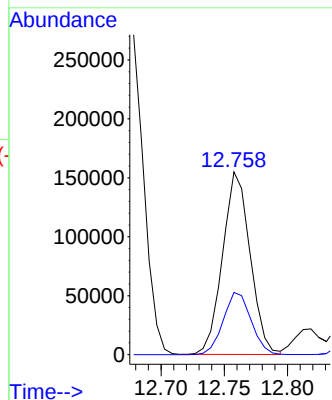
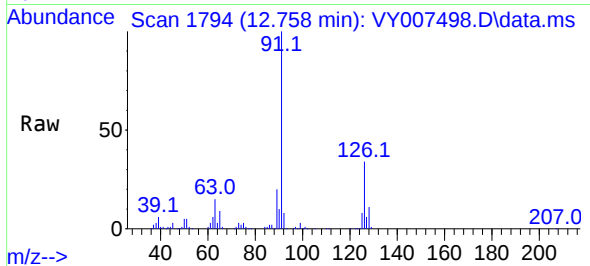
#79
2-Chlorotoluene
Concen: 53.685 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23500
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

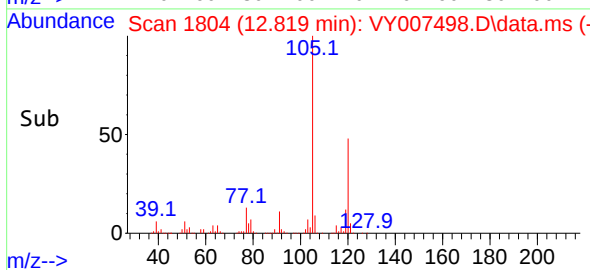
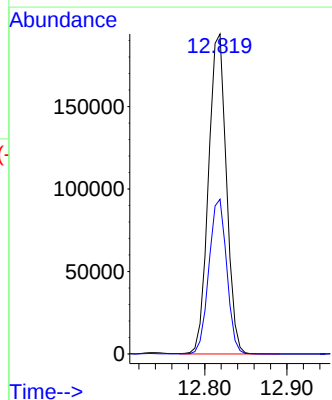
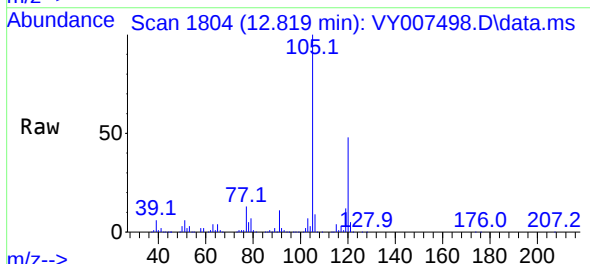
Manual Integrations
APPROVED

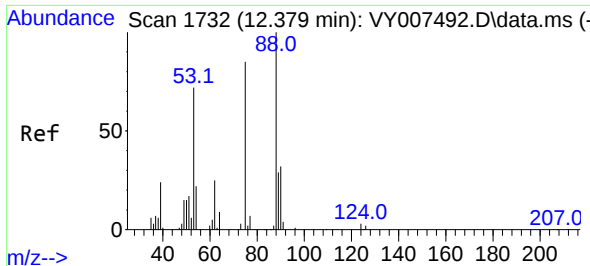
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.825 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

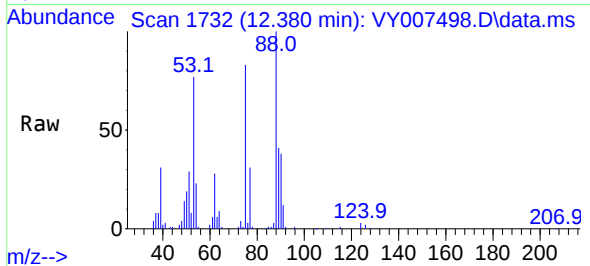
Tgt Ion:105 Resp: 294196
Ion Ratio Lower Upper
105 100
120 48.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.787 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

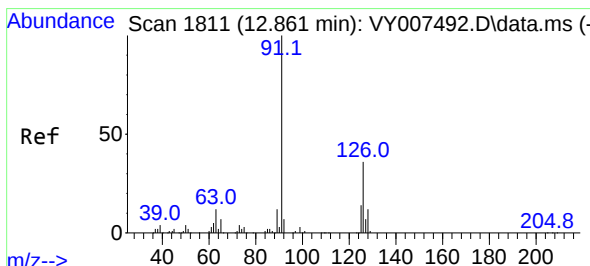
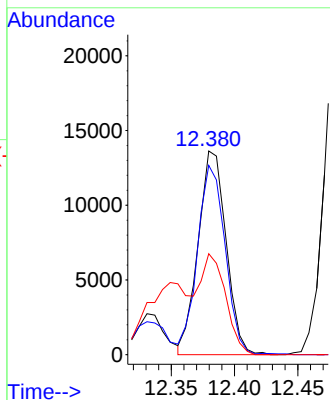
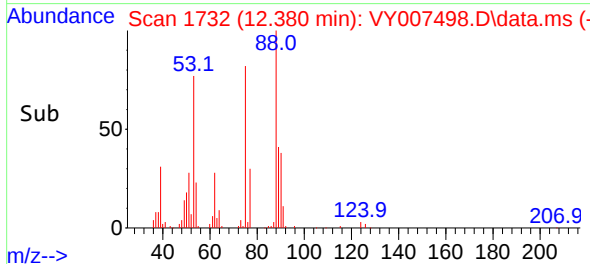
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 21029
Ion Ratio Lower Upper
75 100
53 92.1 85.3 127.9
89 44.1 37.0 55.4

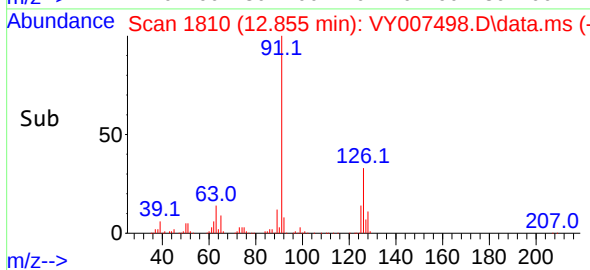
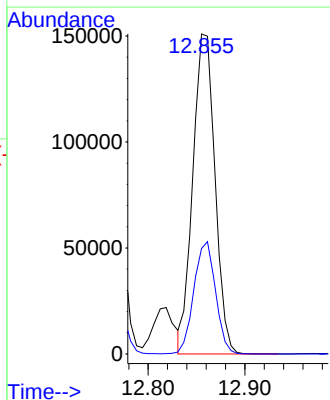
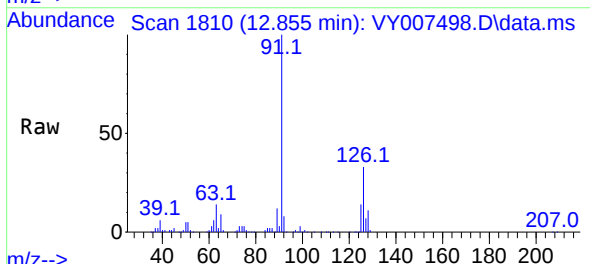
Manual Integrations
APPROVED

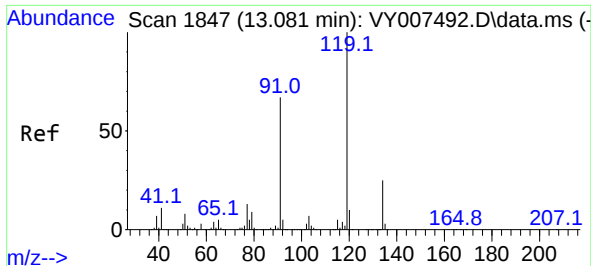
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 53.575 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion: 91 Resp: 240417
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0





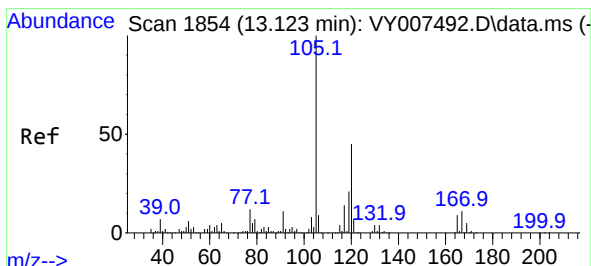
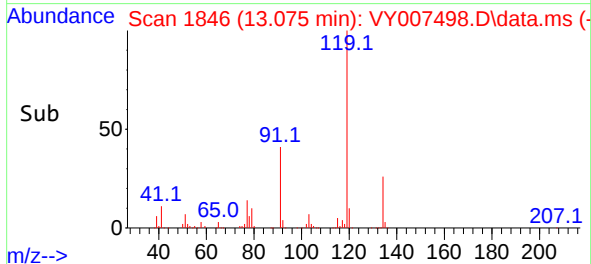
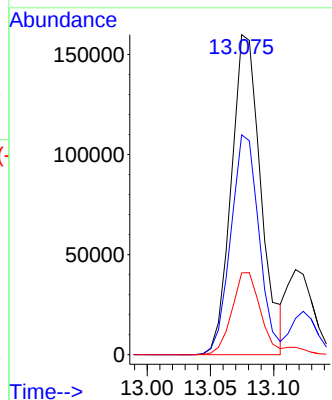
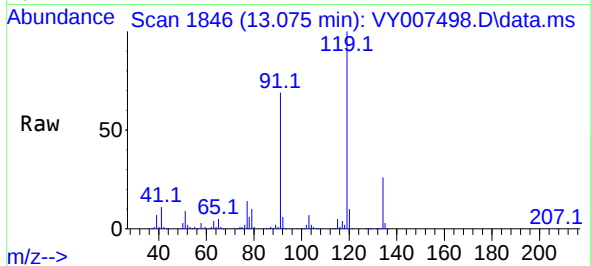
#83
tert-Butylbenzene
Concen: 54.558 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 26063
Ion Ratio Lower Upper
119 100
91 65.7 34.8 104.4
134 26.3 13.3 39.9

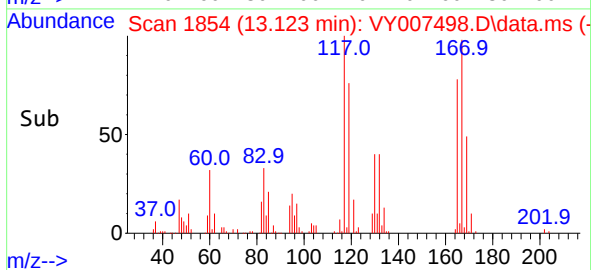
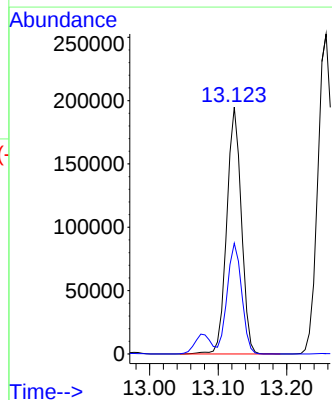
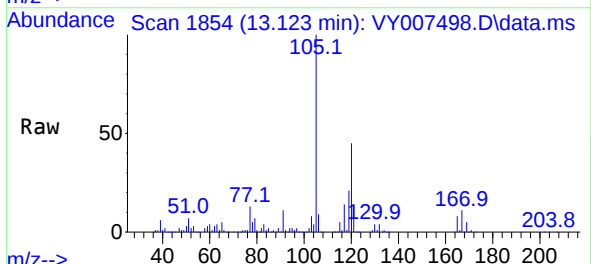
Manual Integrations
APPROVED

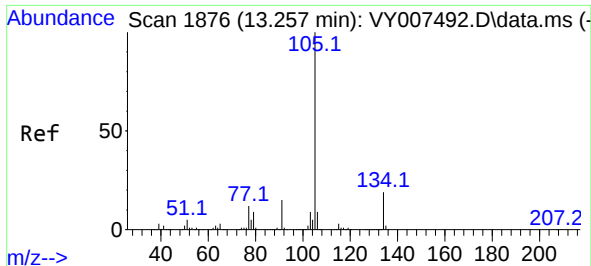
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.007 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Tgt Ion:105 Resp: 286217
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





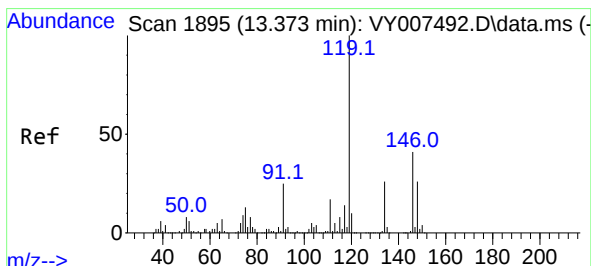
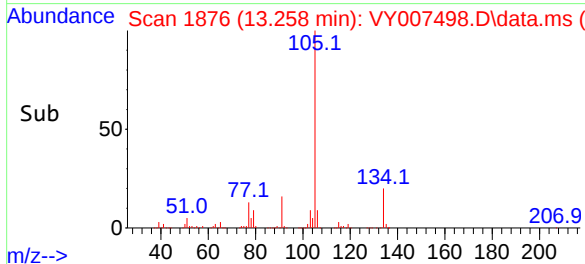
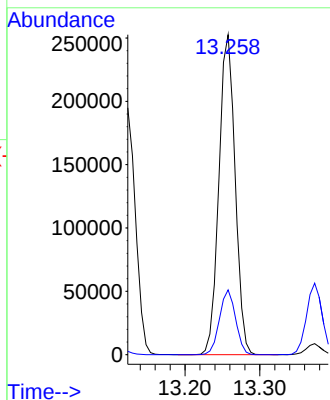
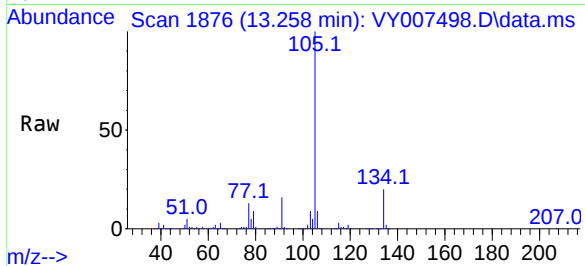
#85
 sec-Butylbenzene
 Concen: 54.268 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY007498.D
 Acq: 15 Feb 2022 11:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 38215
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

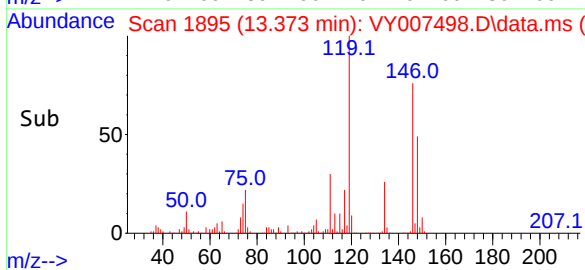
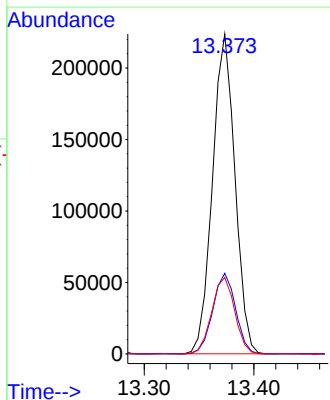
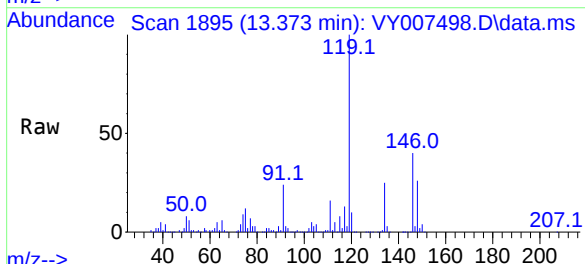
Manual Integrations
 APPROVED

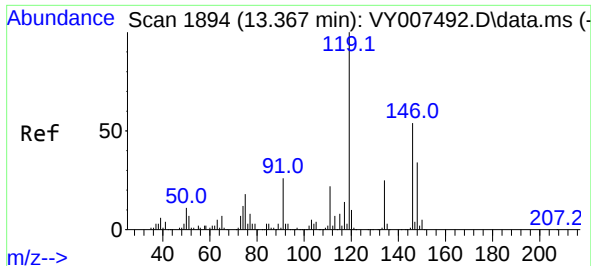
Reviewed By :John Carlone 02/16/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#86
 p-Isopropyltoluene
 Concen: 54.972 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007498.D
 Acq: 15 Feb 2022 11:44

Tgt Ion:119 Resp: 318857
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.000 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 148969

Ion Ratio Lower Upper

146 100

111 41.2 19.5 58.5

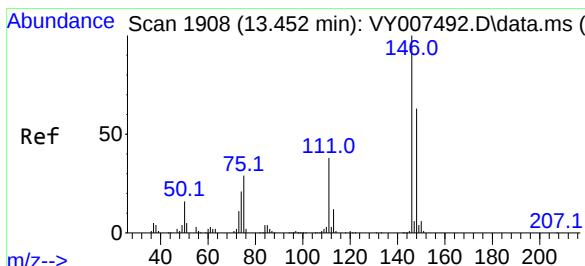
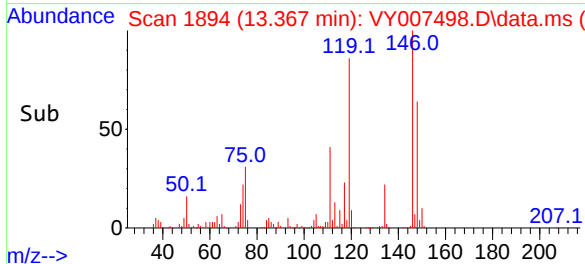
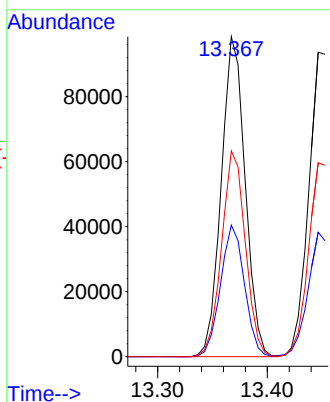
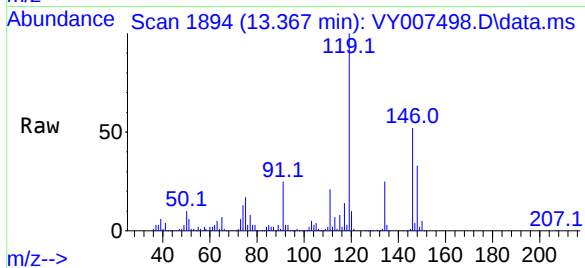
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/16/2022

Supervised By :Mahesh Dadoda 02/21/2022



#88

1,4-Dichlorobenzene

Concen: 53.824 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007498.D

Acq: 15 Feb 2022 11:44

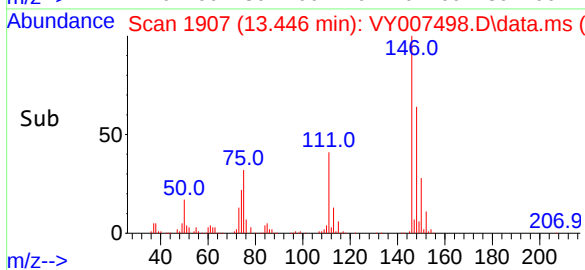
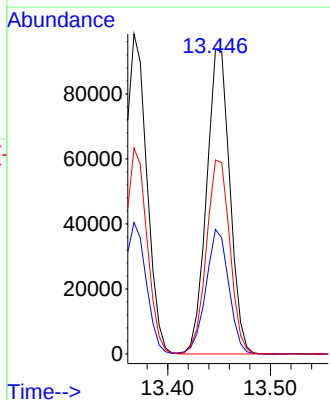
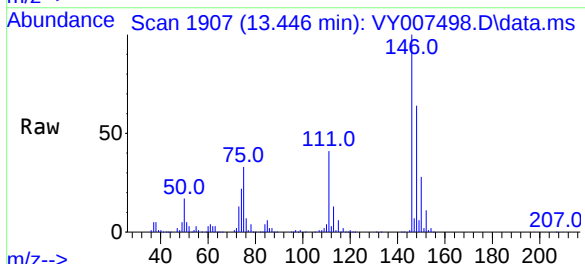
Tgt Ion:146 Resp: 147334

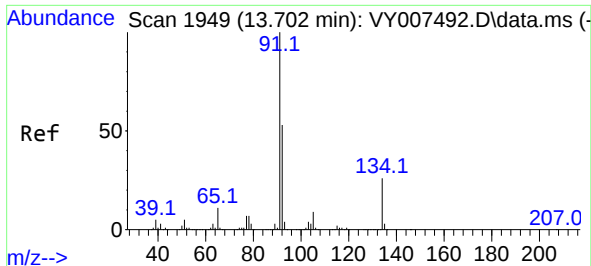
Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.8

148 64.3 32.6 97.8





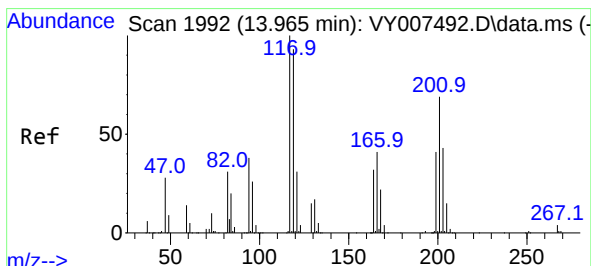
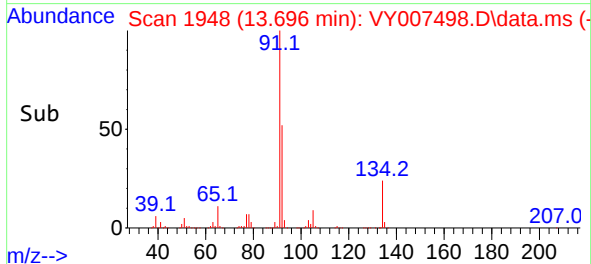
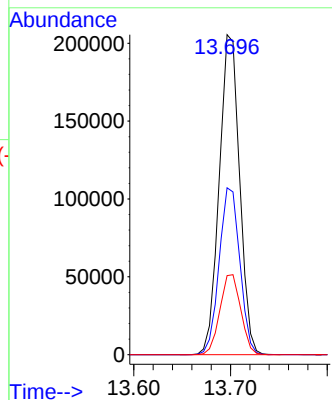
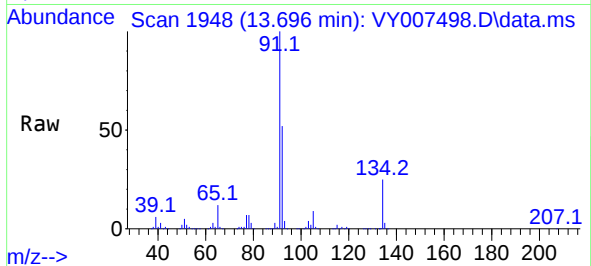
#89
n-Butylbenzene
Concen: 54.446 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30032
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 25.6 13.0 38.9

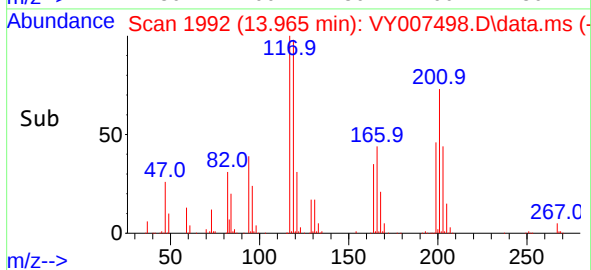
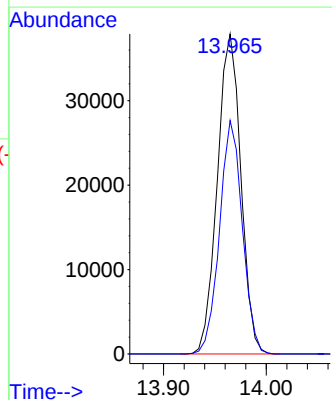
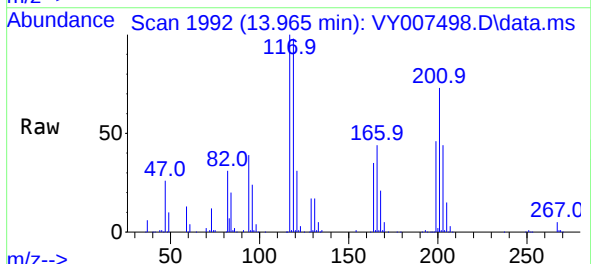
Manual Integrations
APPROVED

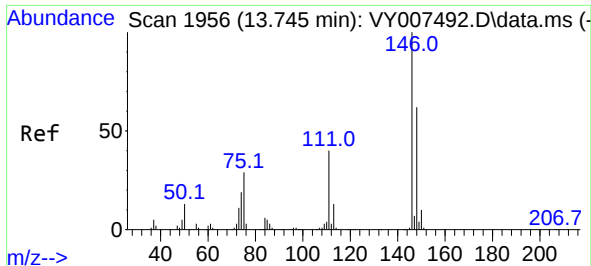
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#90
Hexachloroethane
Concen: 54.396 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

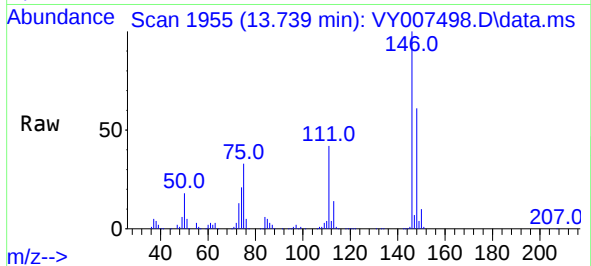
Tgt Ion:117 Resp: 60290
Ion Ratio Lower Upper
117 100
201 70.6 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 53.676 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

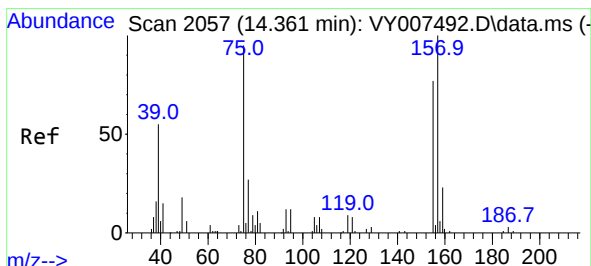
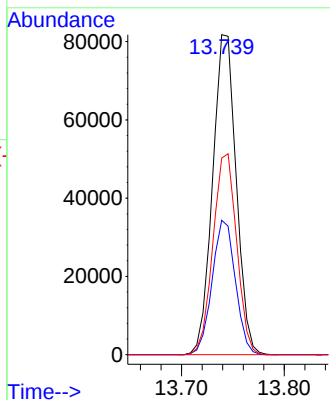
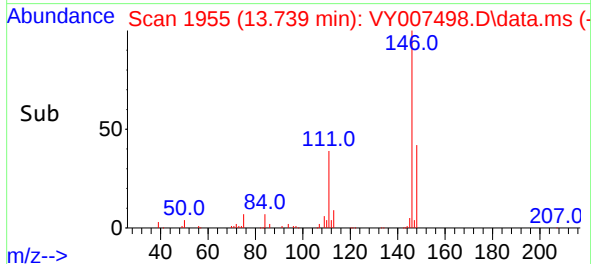
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



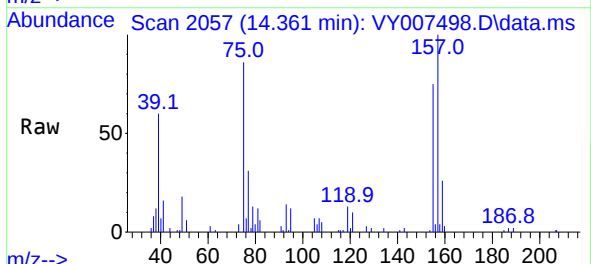
Tgt Ion:146 Resp: 130412
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 63.1 32.3 96.9

Manual Integrations
APPROVED

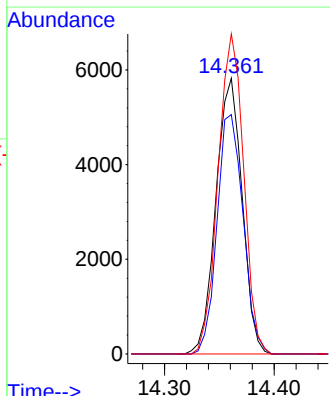
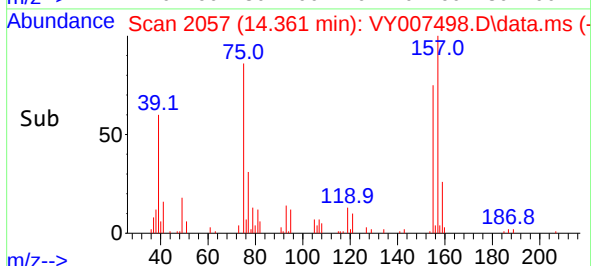
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

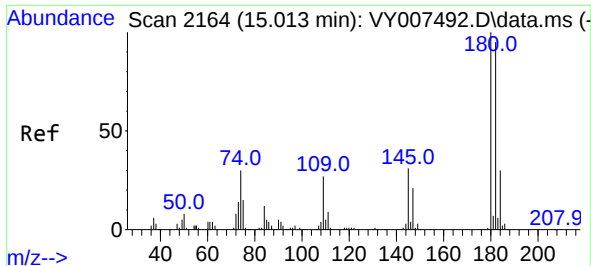


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.363 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



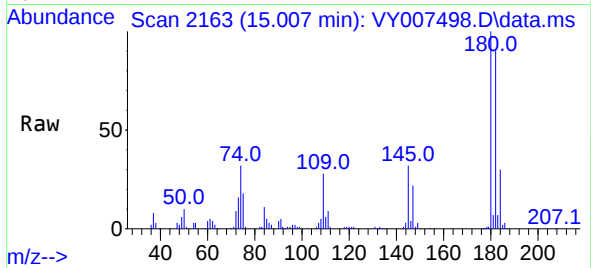
Tgt Ion: 75 Resp: 9664
Ion Ratio Lower Upper
75 100
155 86.4 38.0 113.9
157 113.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 53.901 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

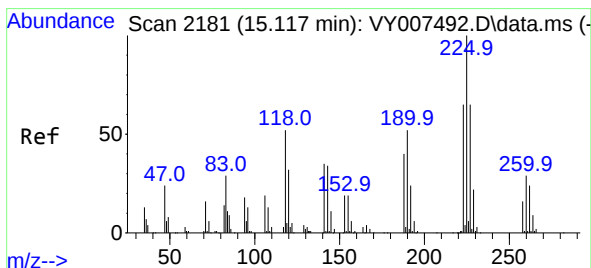
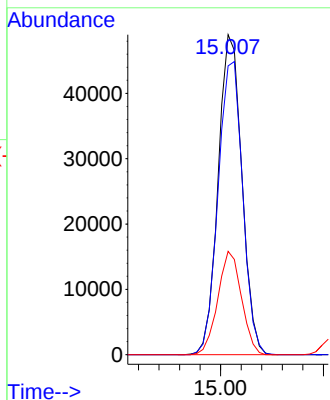
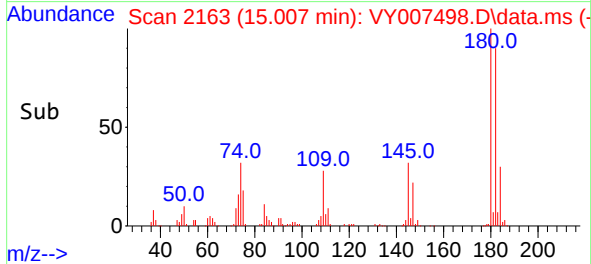
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



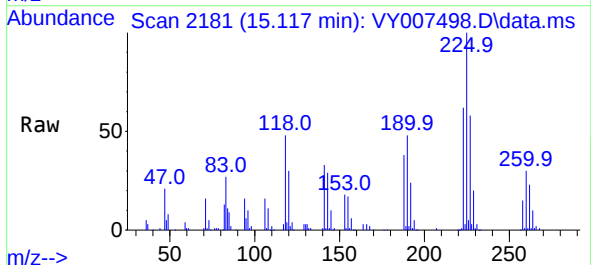
Tgt Ion:180 Resp: 78400
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.2 14.6 43.8

Manual Integrations
APPROVED

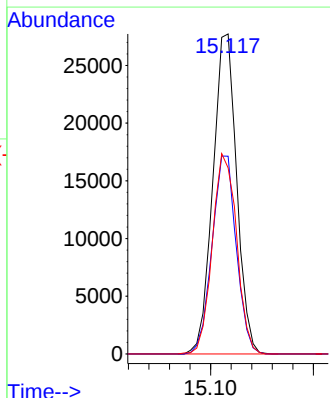
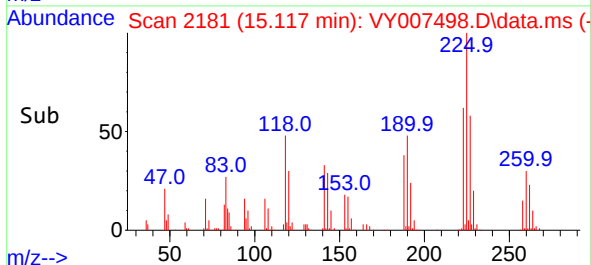
Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022

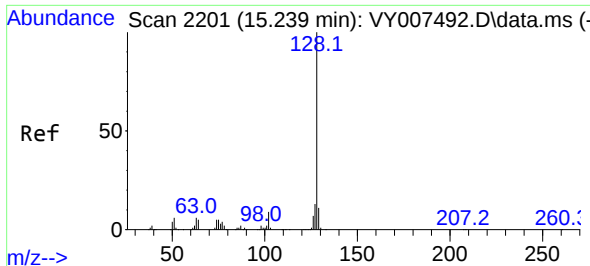


#94
Hexachlorobutadiene
Concen: 52.670 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



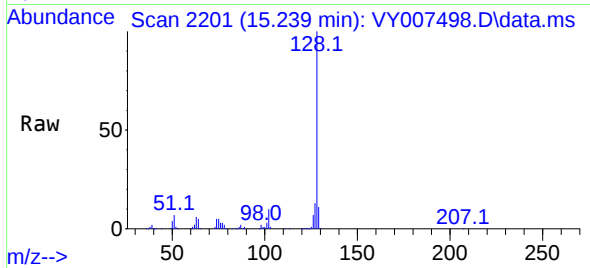
Tgt Ion:225 Resp: 44435
Ion Ratio Lower Upper
225 100
223 63.1 30.8 92.3
227 64.0 31.6 94.7





#95
Naphthalene
Concen: 50.718 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44

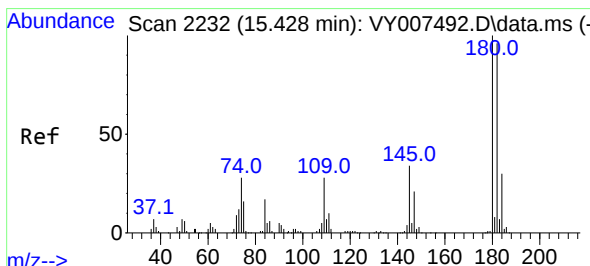
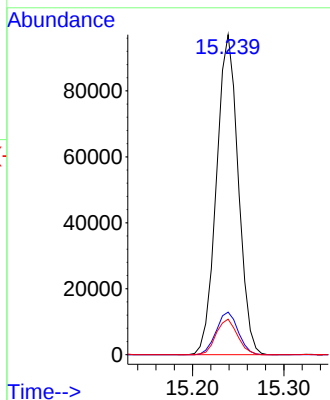
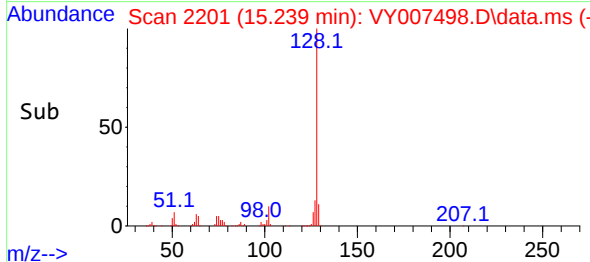
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



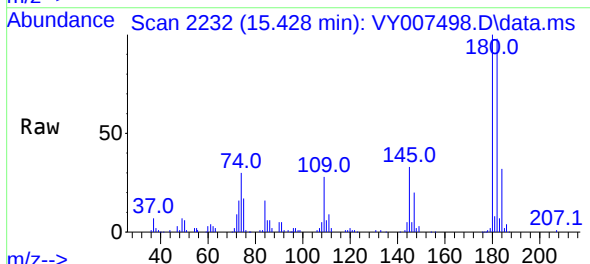
Tgt Ion:128 Resp: 160720
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/16/2022
Supervised By :Mahesh Dadoda 02/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.724 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007498.D
Acq: 15 Feb 2022 11:44



Tgt Ion:180 Resp: 65060
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 35.0 15.3 45.9

