

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008696.D
 Acq On : 11 May 2022 10:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 11 13:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	348822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	324978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101198	52.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.640%			
35) Dibromofluoromethane	7.716	113	112323	52.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.500%			
50) Toluene-d8	10.179	98	392294	51.788	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.483	95	139019	51.011	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50606	42.893	ug/l	99
3) Chloromethane	2.119	50	68024	46.833	ug/l	92
4) Vinyl Chloride	2.259	62	92381	50.096	ug/l	98
5) Bromomethane	2.662	94	74305	50.139	ug/l	96
6) Chloroethane	2.802	64	61316	48.460	ug/l	96
7) Trichlorofluoromethane	3.125	101	101663	45.562	ug/l	95
8) Diethyl Ether	3.528	74	68720	48.683	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	103221	45.208	ug/l	94
10) Methyl Iodide	4.088	142	175845	46.406	ug/l #	86
11) Tert butyl alcohol	4.942	59	50255	303.135	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	109034	46.144	ug/l #	79
13) Acrolein	3.729	56	44779	234.446	ug/l	97
14) Allyl chloride	4.472	41	145551	47.615	ug/l #	84
15) Acrylonitrile	5.155	53	168815	266.878	ug/l	97
16) Acetone	3.942	43	125499	275.021	ug/l #	83
17) Carbon Disulfide	4.192	76	287428	45.865	ug/l	100
18) Methyl Acetate	4.472	43	72254	53.452	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	218219	50.097	ug/l	95
20) Methylene Chloride	4.710	84	131467	47.441	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	123966	46.677	ug/l #	79
22) Diisopropyl ether	6.112	45	330798	49.991	ug/l #	90
23) Vinyl Acetate	6.051	43	1151595	275.520	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	202889	47.753	ug/l	96
25) 2-Butanone	6.984	43	206457	275.233	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	136302	47.988	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	145852	48.579	ug/l	77
28) Bromochloromethane	7.332	49	76714	50.915	ug/l #	68
29) Tetrahydrofuran	7.344	42	138385	276.040	ug/l #	78
30) Chloroform	7.502	83	217868	48.488	ug/l	99
31) Cyclohexane	7.783	56	169590	44.324	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	177779	48.279	ug/l	94
36) 1,1-Dichloropropene	7.917	75	162669	47.099	ug/l	94
37) Ethyl Acetate	7.070	43	95579	55.657	ug/l #	91
38) Carbon Tetrachloride	7.899	117	169613	48.555	ug/l	100
39) Methylcyclohexane	9.179	83	209473	46.896	ug/l #	85
40) Benzene	8.161	78	488034	48.635	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	52725m	55.583	ug/l	
42) 1,2-Dichloroethane	8.234	62	133107	51.172	ug/l	86
43) Isopropyl Acetate	8.271	43	170086	54.522	ug/l #	86
44) Trichloroethene	8.935	130	139274	47.559	ug/l	99
45) 1,2-Dichloropropane	9.216	63	121832	49.763	ug/l	96
46) Dibromomethane	9.307	93	78620	51.308	ug/l	96
47) Bromodichloromethane	9.496	83	173735	50.776	ug/l	98
48) Methyl methacrylate	9.289	41	73678	54.254	ug/l #	74
49) 1,4-Dioxane	9.301	88	20153	1087.597	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	466301	285.793	ug/l #	84
52) Toluene	10.246	92	318027	48.682	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	187251	50.927	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	210641	50.201	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	113129	51.770	ug/l	98
56) Ethyl methacrylate	10.508	69	151537	54.801	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	184216	51.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	382777	279.563	ug/l	90
59) 2-Hexanone	10.831	43	327456	293.028	ug/l	79
60) Dibromochloromethane	10.984	129	138215	52.087	ug/l	99
61) 1,2-Dibromoethane	11.087	107	111275	51.674	ug/l	99
64) Tetrachloroethene	10.721	164	117845	46.524	ug/l	97
65) Chlorobenzene	11.520	112	354126	48.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	135718	50.270	ug/l	96
67) Ethyl Benzene	11.593	91	606739	48.566	ug/l	97
68) m/p-Xylenes	11.703	106	487829	97.595	ug/l	89
69) o-Xylene	12.032	106	232217	48.970	ug/l	88
70) Styrene	12.044	104	395664	50.251	ug/l	93
71) Bromoform	12.209	173	93415	53.687	ug/l #	99
73) Isopropylbenzene	12.331	105	601146	47.437	ug/l	99
74) N-amyl acetate	12.148	43	154625	54.342	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	137477	51.829	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	86621m	46.325	ug/l	
77) Bromobenzene	12.611	156	152881	48.216	ug/l	90
78) n-propylbenzene	12.672	91	718662	47.698	ug/l	96
79) 2-Chlorotoluene	12.758	91	401376	48.153	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	495471	48.273	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	49924	53.120	ug/l #	77
82) 4-Chlorotoluene	12.855	91	414127	47.910	ug/l	94
83) tert-Butylbenzene	13.081	119	457307	49.666	ug/l	89
84) 1,2,4-Trimethylbenzene	13.123	105	491707	48.510	ug/l	95
85) sec-Butylbenzene	13.258	105	668057	49.089	ug/l	98
86) p-Isopropyltoluene	13.373	119	553931	48.983	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	295720	48.215	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	295415	48.577	ug/l	98
89) n-Butylbenzene	13.696	91	508610	49.143	ug/l	98
90) Hexachloroethane	13.965	117	107015	48.739	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	266565	48.999	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20519	52.267	ug/l	62
93) 1,2,4-Trichlorobenzene	15.007	180	172250	49.564	ug/l	100
94) Hexachlorobutadiene	15.117	225	94698	49.727	ug/l	99
95) Naphthalene	15.239	128	380003	53.447	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	156230	51.011	ug/l	99

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

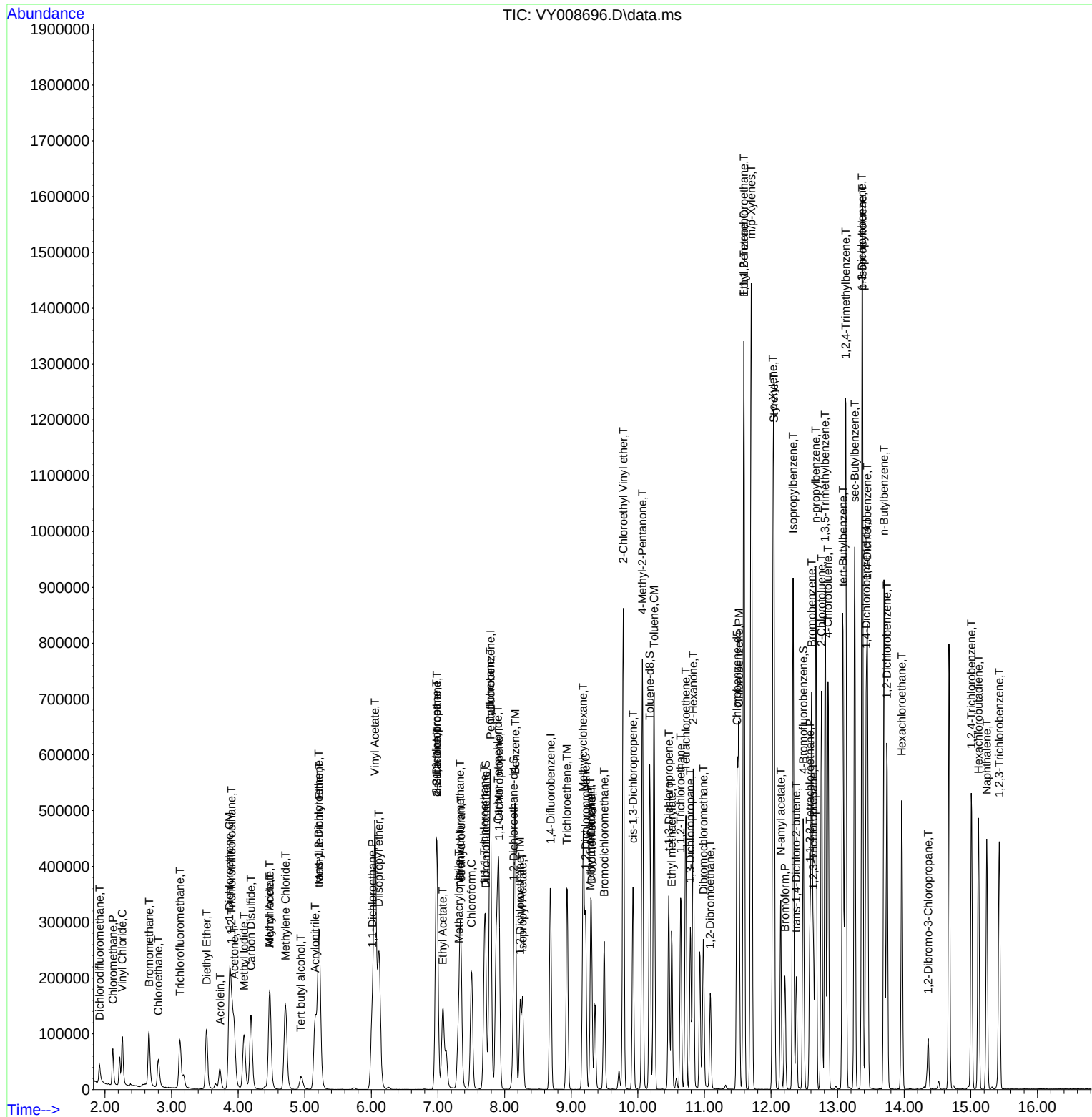
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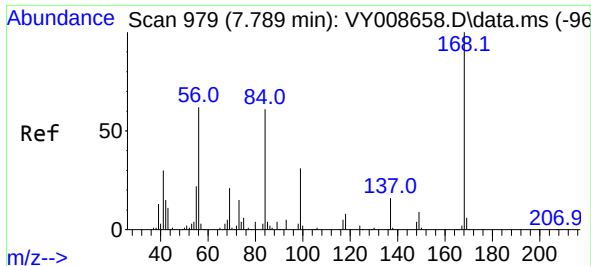
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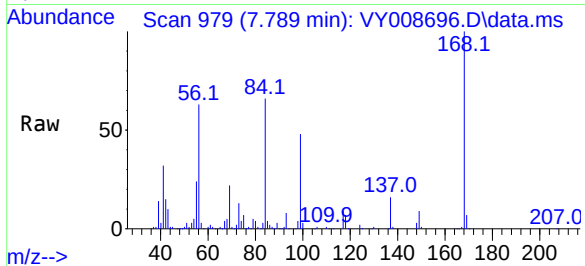
Reviewed By : John Carlone 05/12/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008696.D
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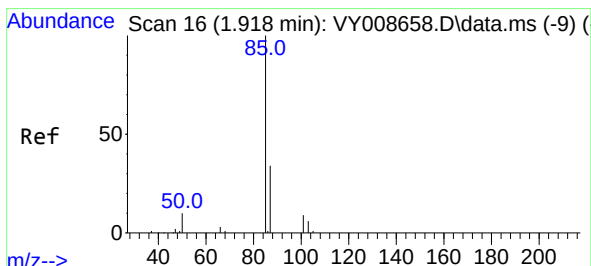
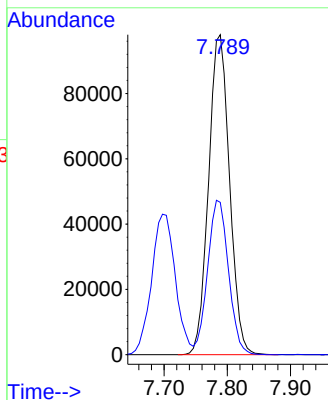
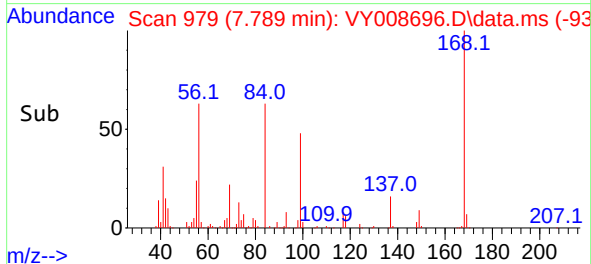
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Tgt Ion:168 Resp: 225732
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3

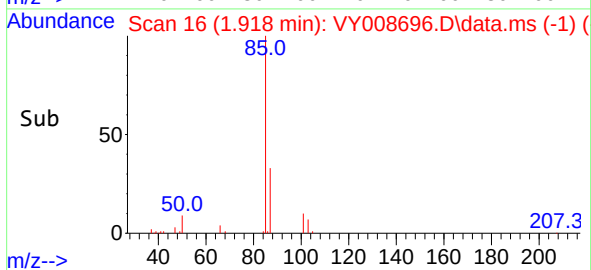
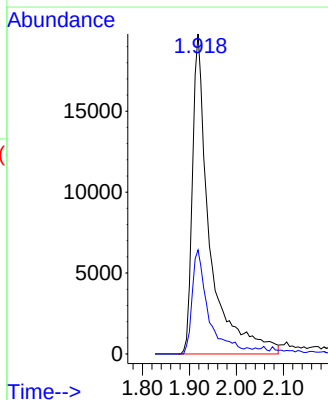
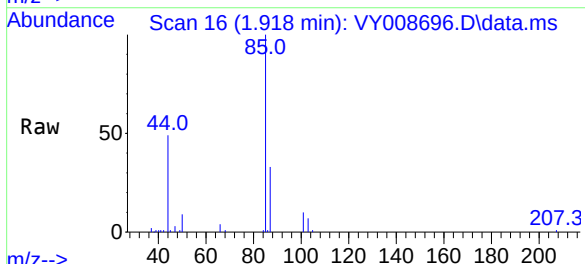
Manual Integrations
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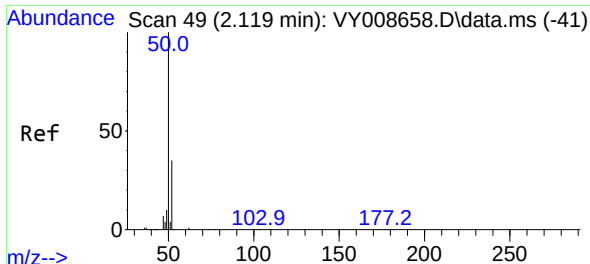
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#2
Dichlorodifluoromethane
Concen: 42.893 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

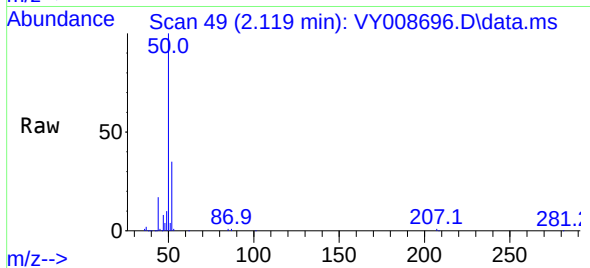
Tgt Ion: 85 Resp: 50606
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#3
Chloromethane
Concen: 46.833 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

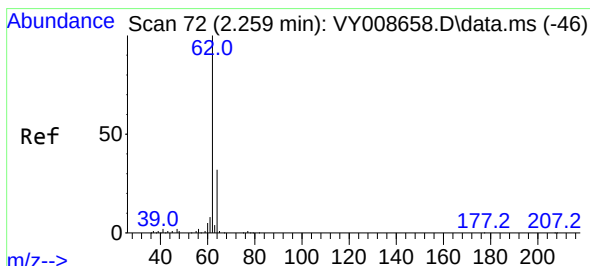
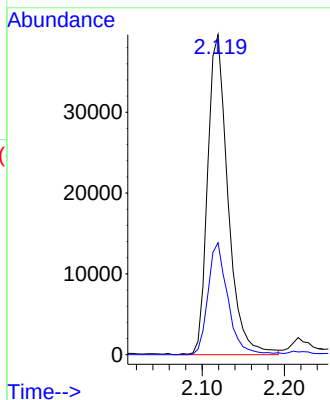
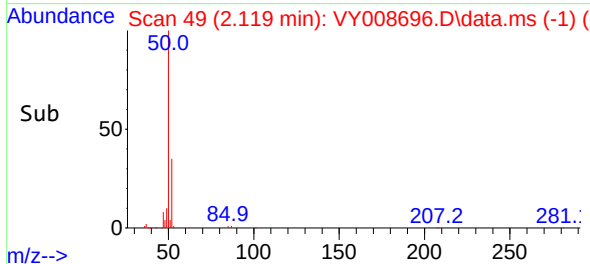
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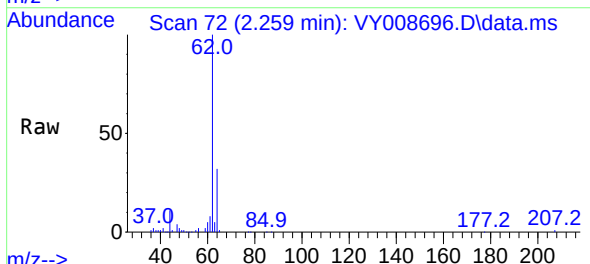
Tgt Ion: 50 Resp: 68024
Ion Ratio Lower Upper
50 100
52 35.0 24.6 37.0

Manual Integrations
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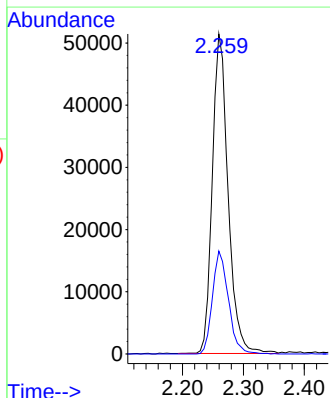
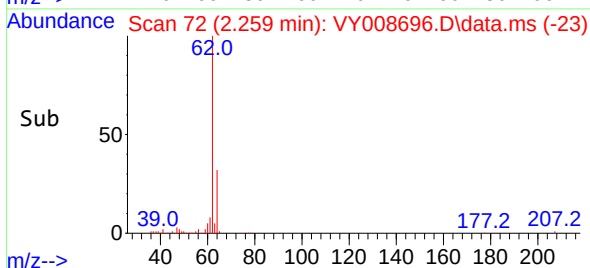
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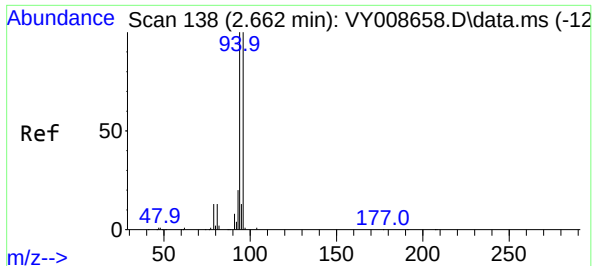


#4
Vinyl Chloride
Concen: 50.096 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



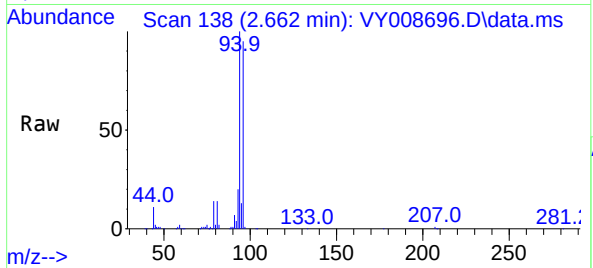
Tgt Ion: 62 Resp: 92381
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 50.139 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

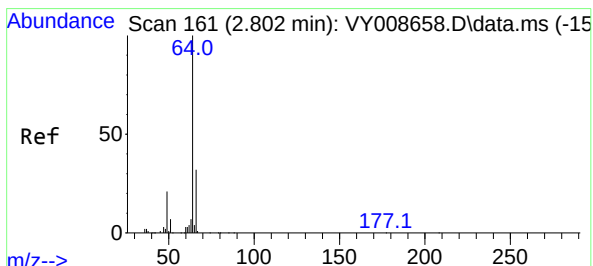
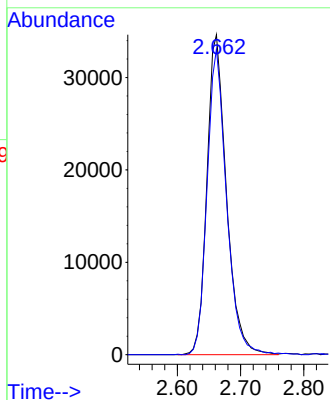
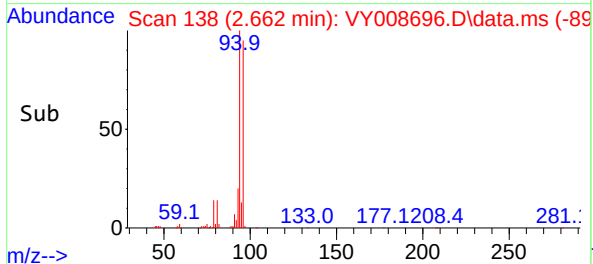
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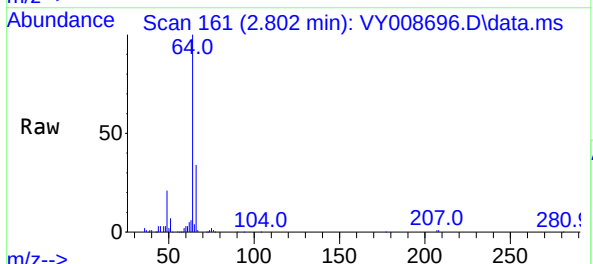
Tgt Ion: 94 Resp: 7430
Ion Ratio Lower Upper
94 100
96 95.3 73.5 110.3

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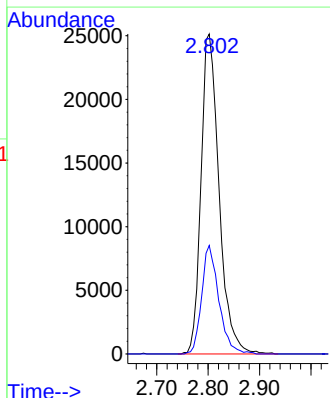
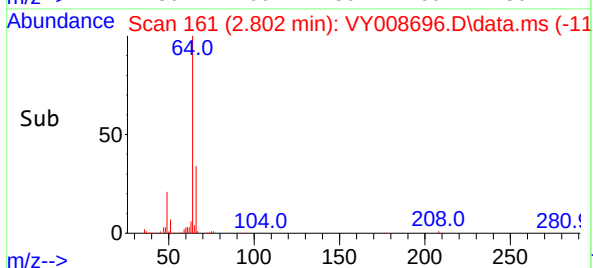
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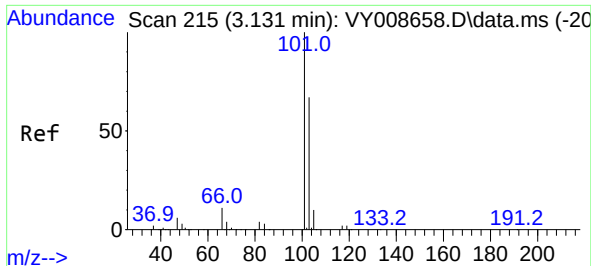


#6
Chloroethane
Concen: 48.460 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 64 Resp: 61316
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 45.562 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

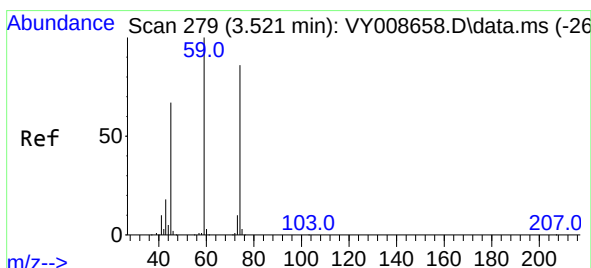
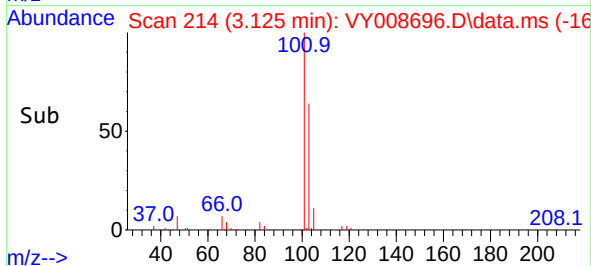
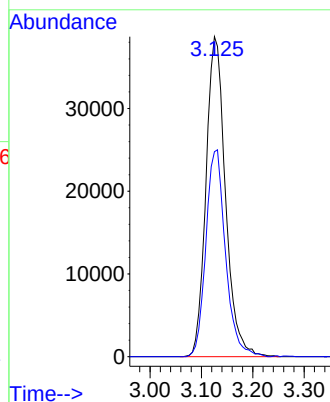
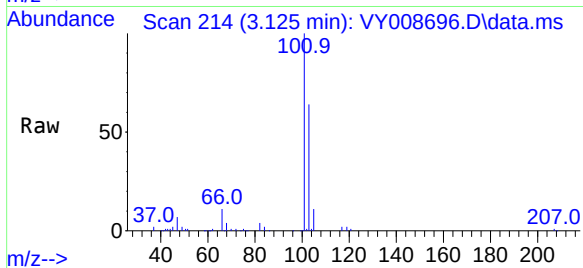
VSTDCCC050

Tgt Ion:101 Resp: 10166
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.0 72.0

Manual Integrations

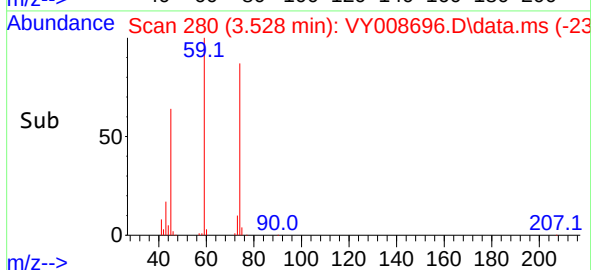
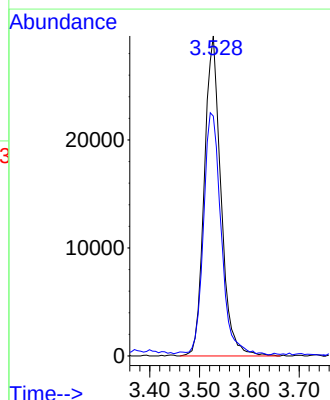
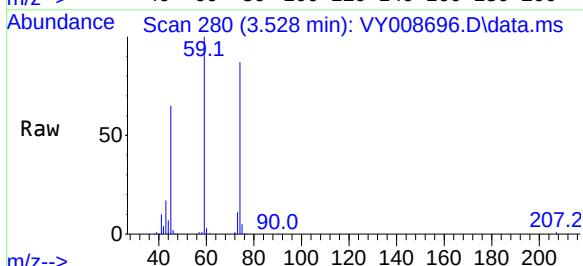
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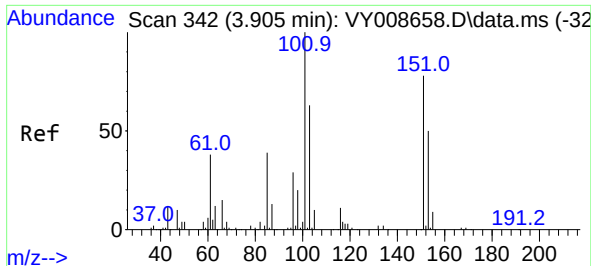
Reviewed By :John Carlone 05/12/2022
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#8
 Diethyl Ether
 Concen: 48.683 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25

Tgt Ion: 74 Resp: 68720
 Ion Ratio Lower Upper
 74 100
 45 80.7 55.1 165.5





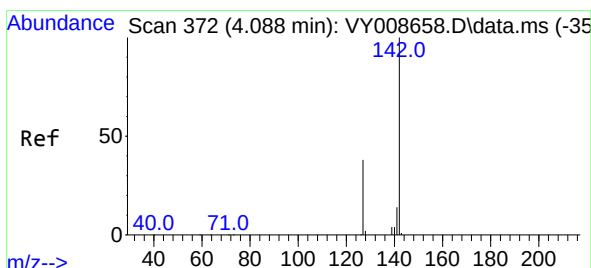
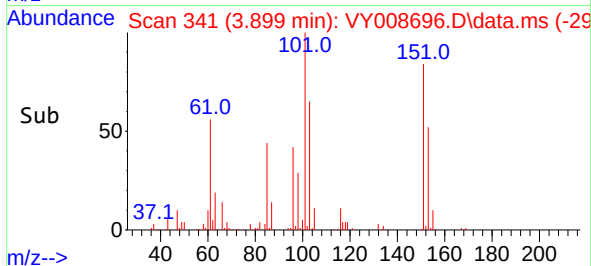
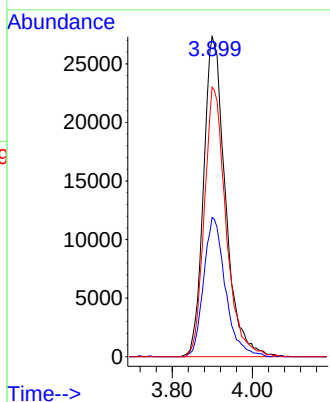
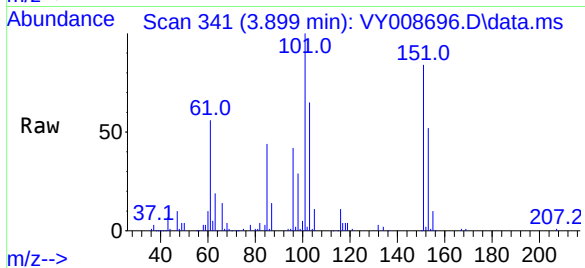
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.208 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10322
Ion Ratio Lower Upper
101 100
85 43.2 40.6 60.8
151 83.5 64.9 97.3

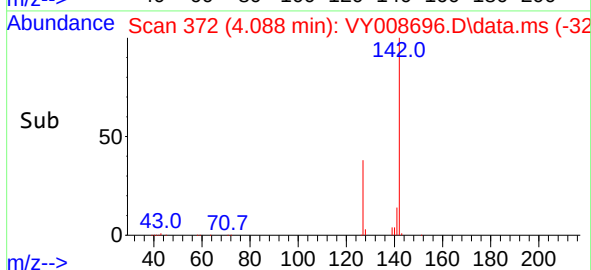
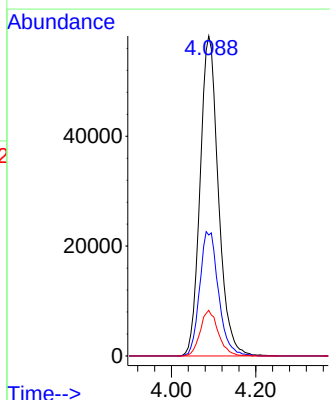
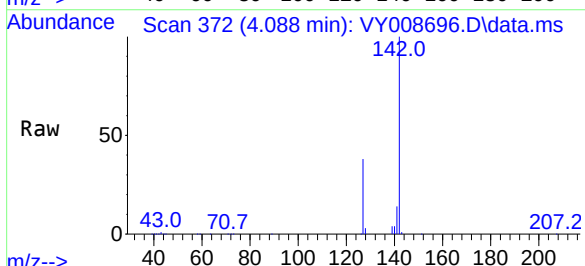
Manual Integrations
APPROVED

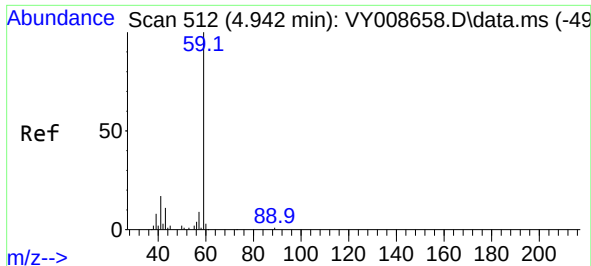
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#10
Methyl Iodide
Concen: 46.406 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion:142 Resp: 175845
Ion Ratio Lower Upper
142 100
127 40.1 41.5 62.3#
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 303.135 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 5025

Ion Ratio Lower Upper

59 100

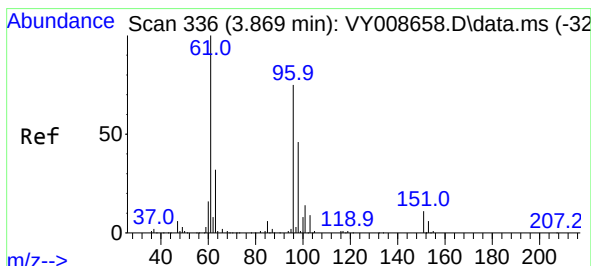
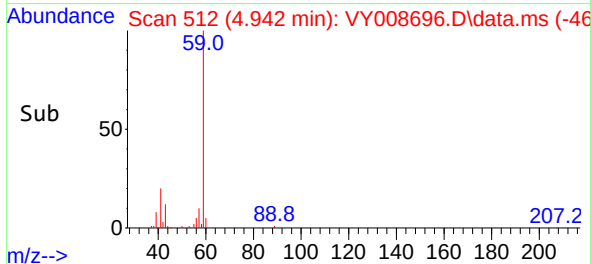
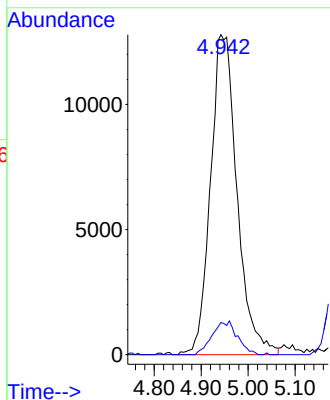
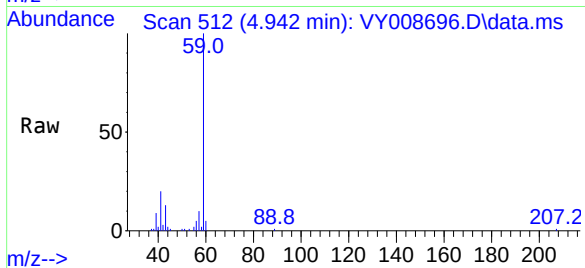
57 9.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#12

1,1-Dichloroethene

Concen: 46.144 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

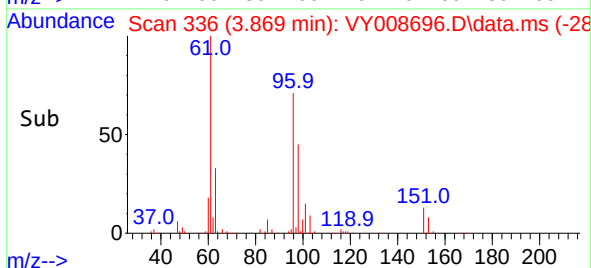
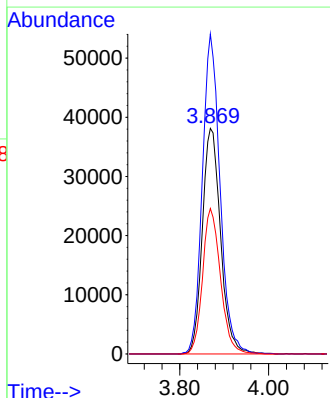
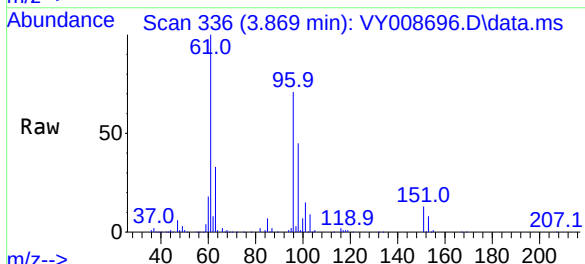
Tgt Ion: 96 Resp: 109034

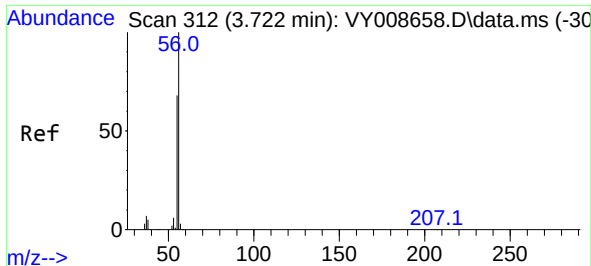
Ion Ratio Lower Upper

96 100

61 141.8 145.8 218.6#

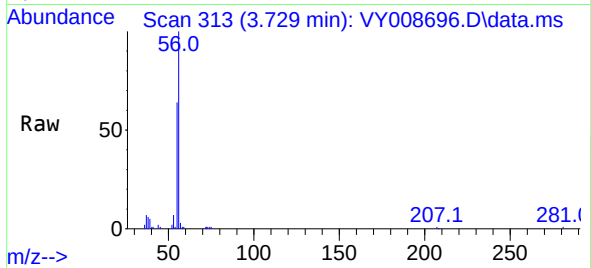
98 64.5 52.5 78.7





#13
Acrolein
Concen: 234.446 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

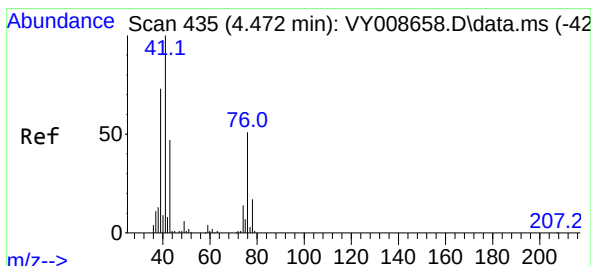
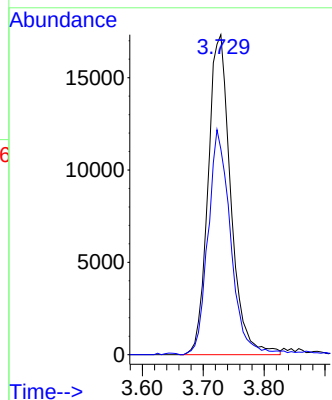
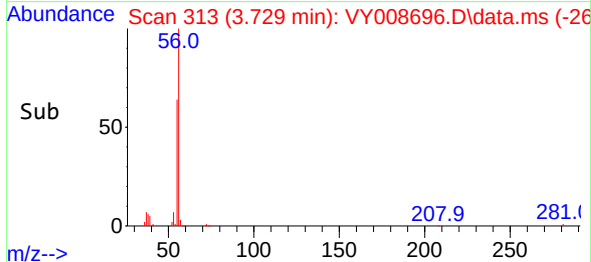
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 44779
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4

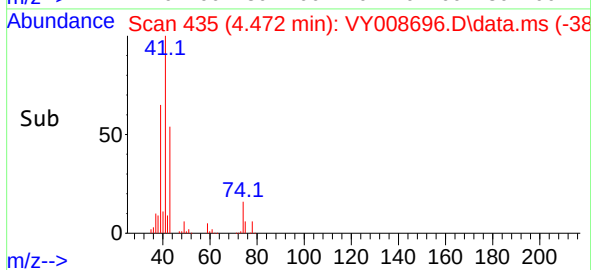
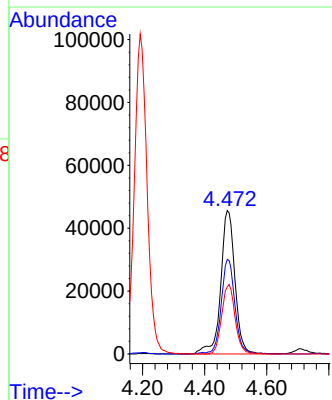
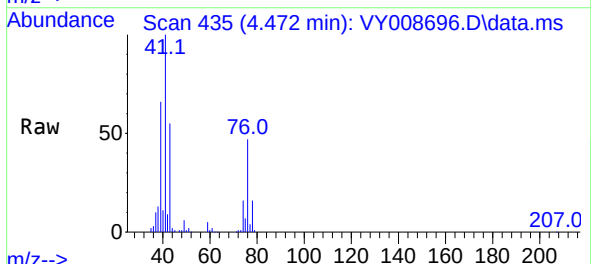
Manual Integrations
APPROVED

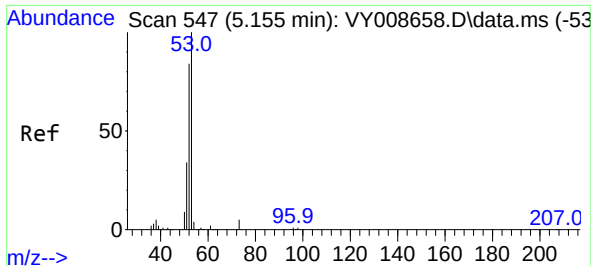
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#14
Allyl chloride
Concen: 47.615 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

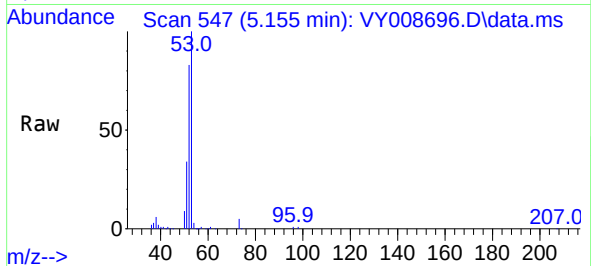
Tgt Ion: 41 Resp: 145551
Ion Ratio Lower Upper
41 100
39 63.2 58.8 88.2
76 45.5 25.1 37.7





#15
Acrylonitrile
Concen: 266.878 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

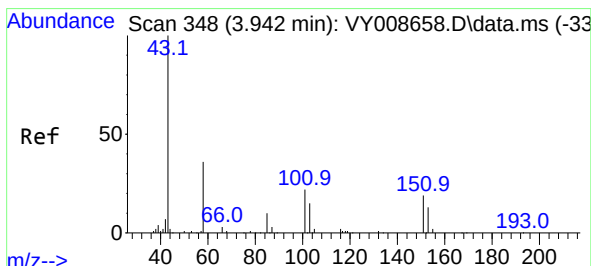
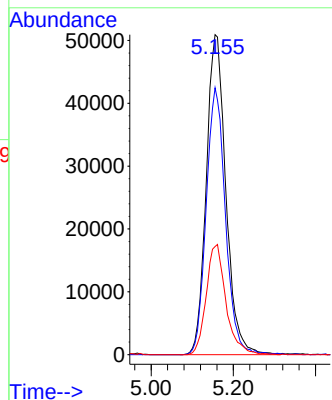
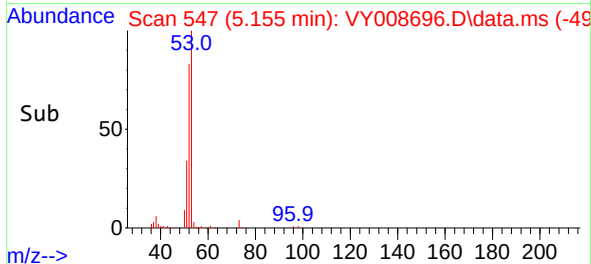
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



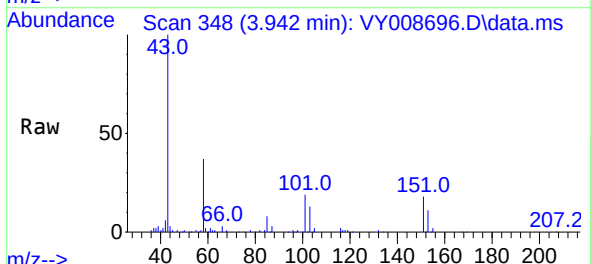
Tgt Ion: 53 Resp: 168815
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 34.7 29.8 44.6

Manual Integrations
APPROVED

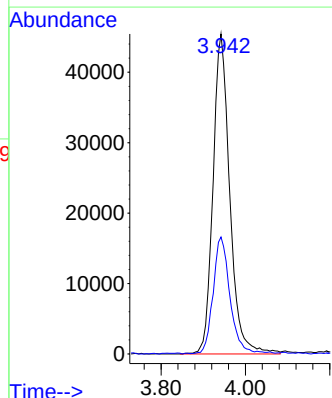
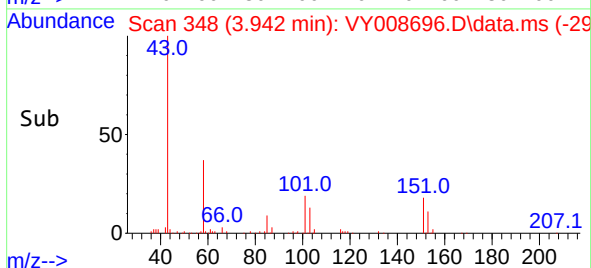
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

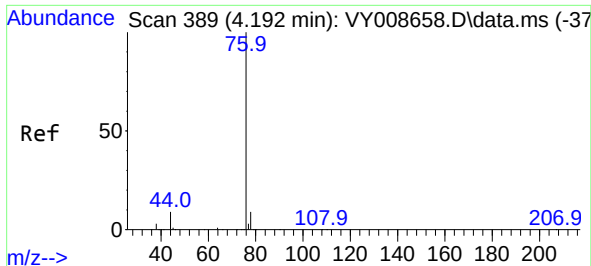


#16
Acetone
Concen: 275.021 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



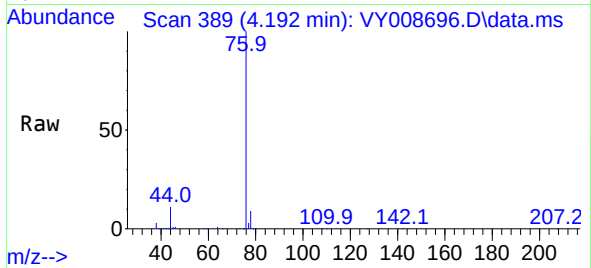
Tgt Ion: 43 Resp: 125499
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 45.865 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

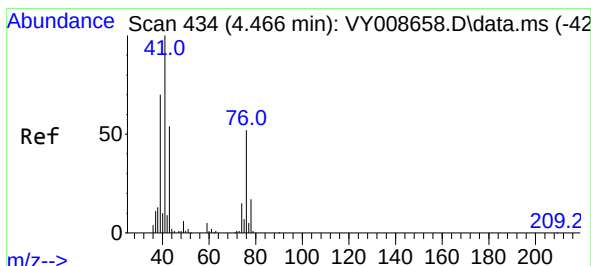
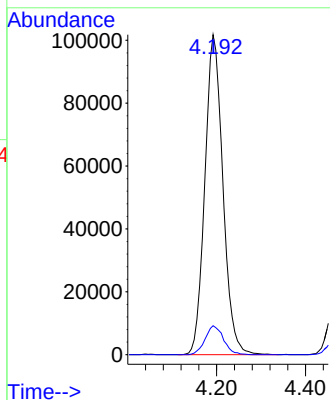
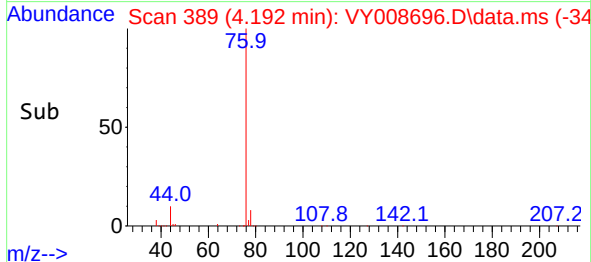
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



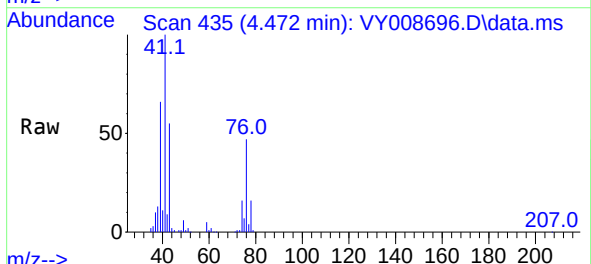
Tgt Ion: 76 Resp: 287428
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

Manual Integrations
APPROVED

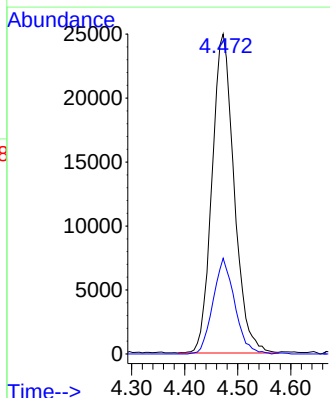
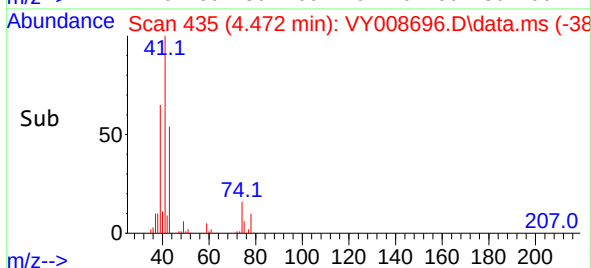
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

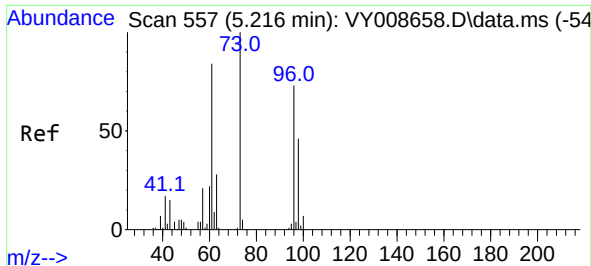


#18
Methyl Acetate
Concen: 53.452 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 43 Resp: 72254
Ion Ratio Lower Upper
43 100
74 29.4 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 50.097 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 218219

Ion Ratio Lower Upper

73 100

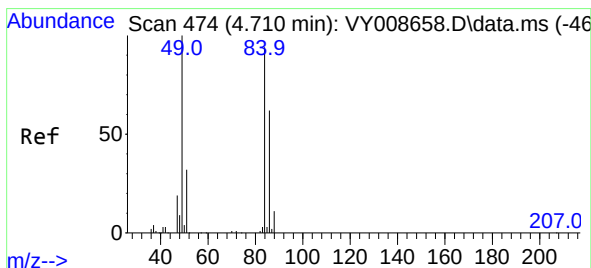
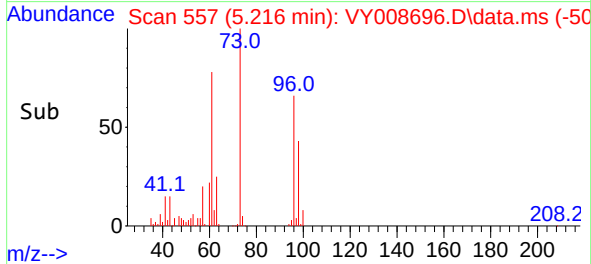
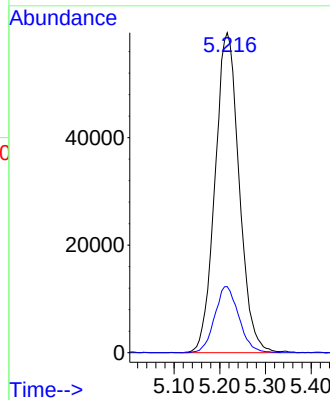
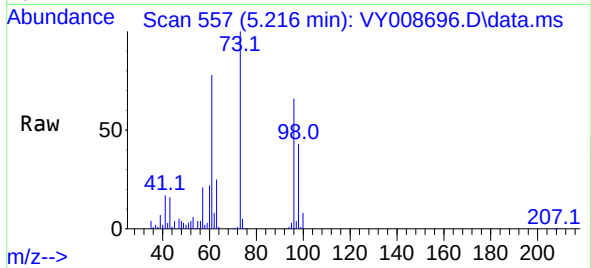
57 20.7 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#20

Methylene Chloride

Concen: 47.441 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Tgt Ion: 84 Resp: 131467

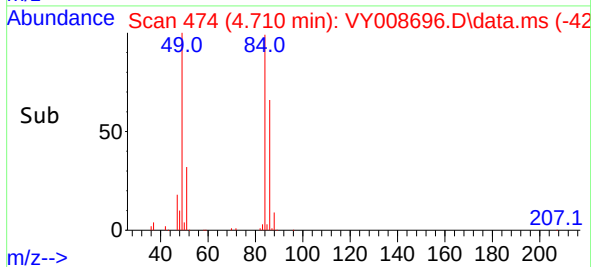
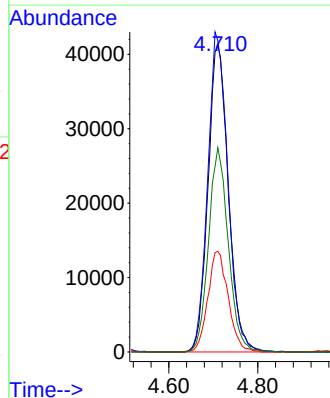
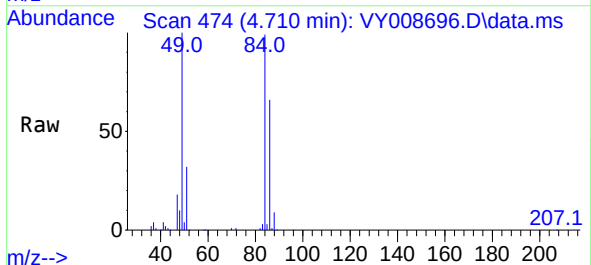
Ion Ratio Lower Upper

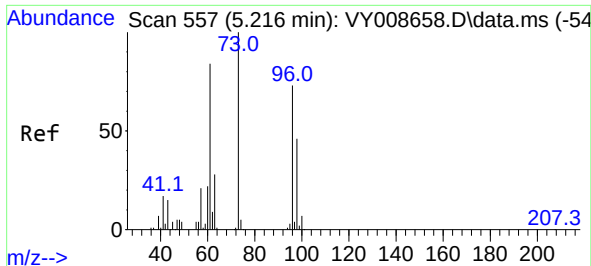
84 100

49 101.4 114.4 171.6#

51 32.8 35.3 52.9#

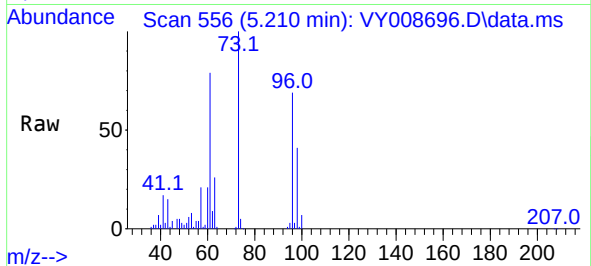
86 66.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 46.677 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

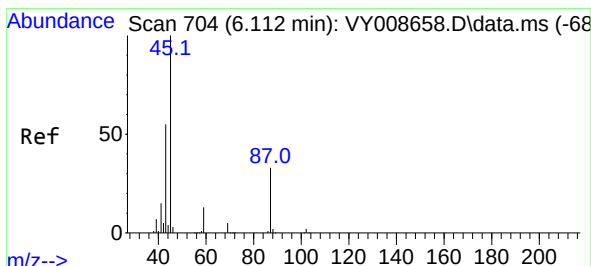
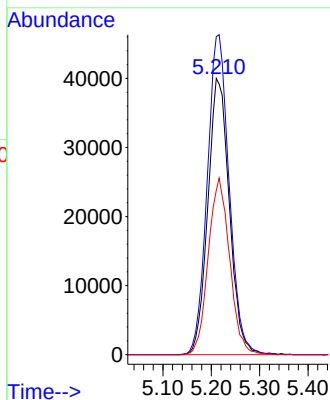
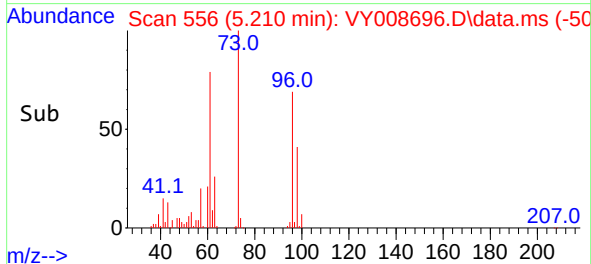
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



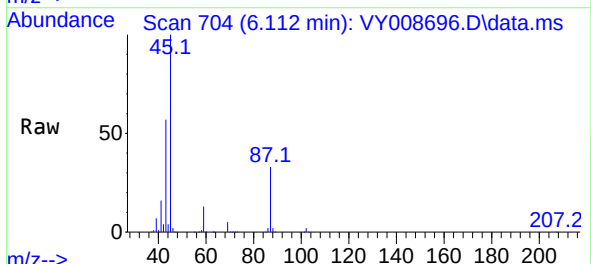
Tgt Ion: 96 Resp: 123960
Ion Ratio Lower Upper
96 100
61 115.1 120.5 180.7
98 59.5 49.8 74.8

Manual Integrations
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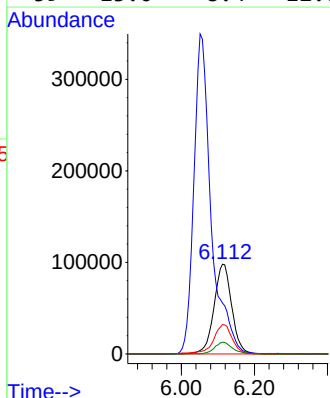
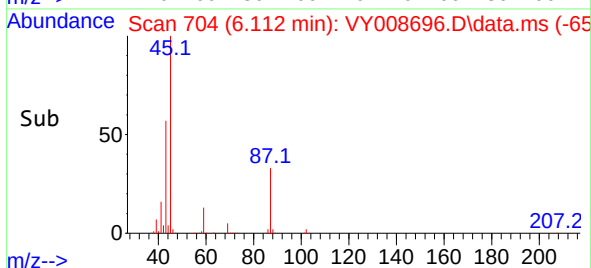
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

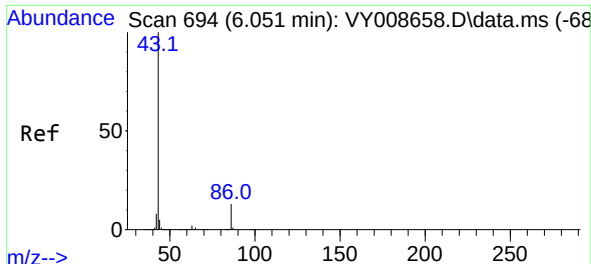


#22
Diisopropyl ether
Concen: 49.991 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



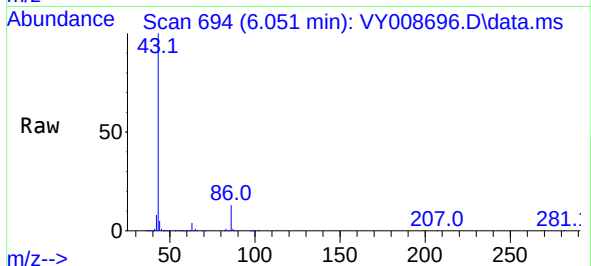
Tgt Ion: 45 Resp: 330798
Ion Ratio Lower Upper
45 100
43 56.1 49.3 73.9
87 32.9 19.2 28.8#
59 13.0 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 275.520 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25

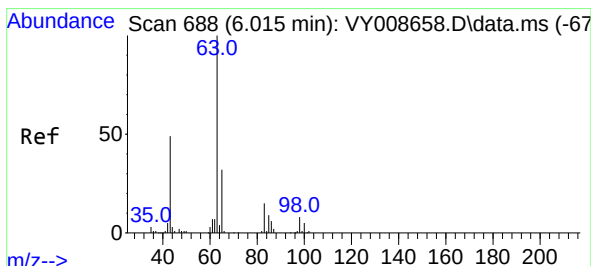
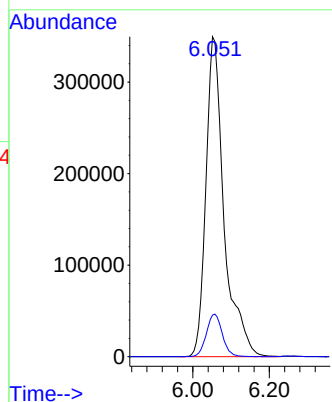
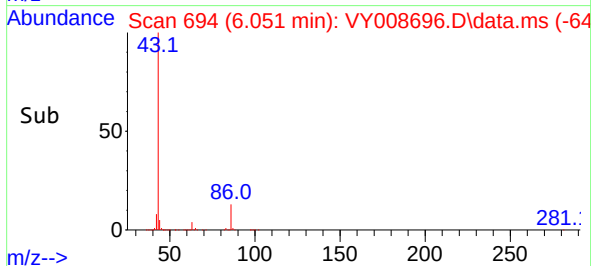
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



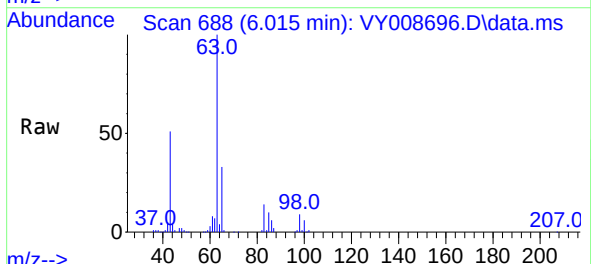
Tgt Ion: 43 Resp: 115159
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7

Manual Integrations
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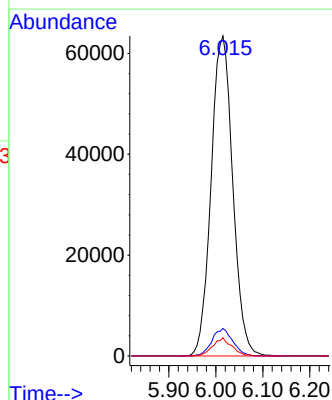
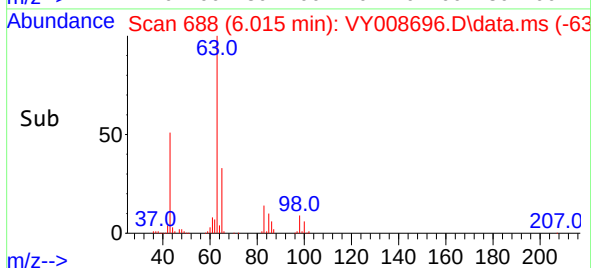
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022

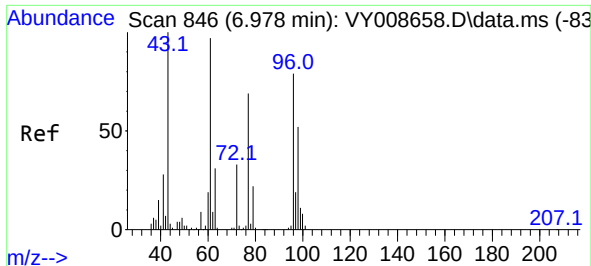


#24
 1,1-Dichloroethane
 Concen: 47.753 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25



Tgt Ion: 63 Resp: 202889
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 5.7 2.0 5.8





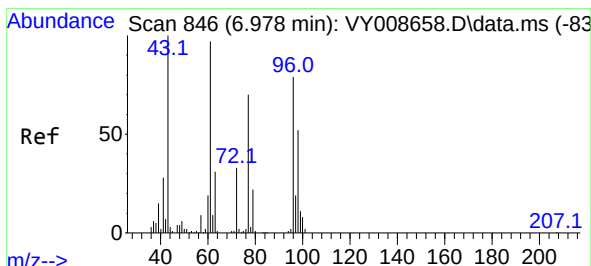
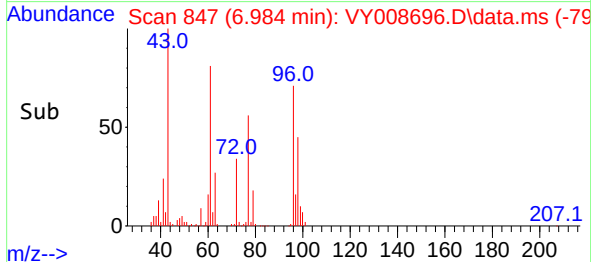
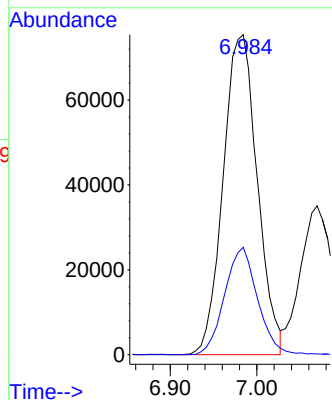
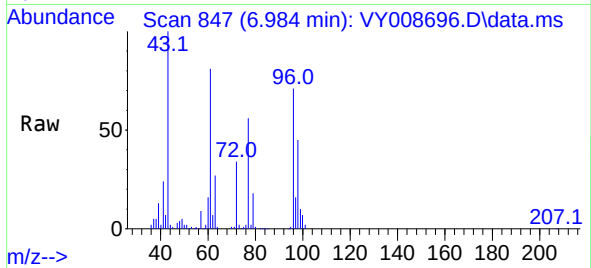
#25
2-Butanone
Concen: 275.233 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20645
Ion Ratio Lower Upper
43 100
72 33.6 17.7 26.5

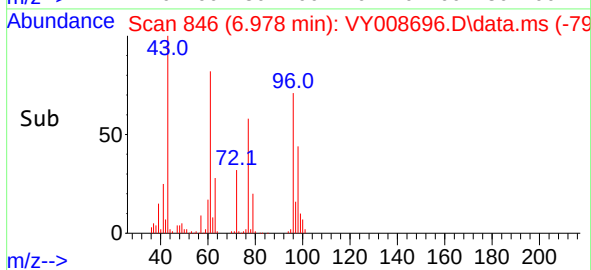
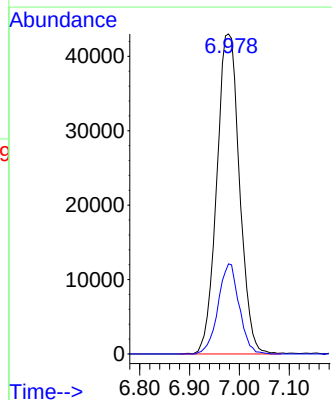
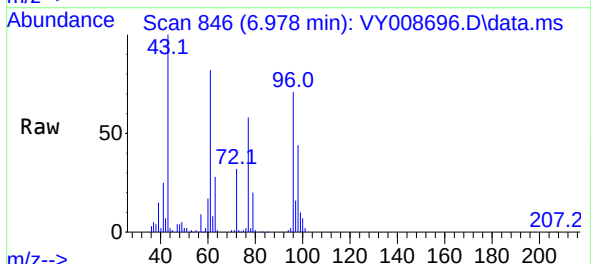
Manual Integrations
APPROVED

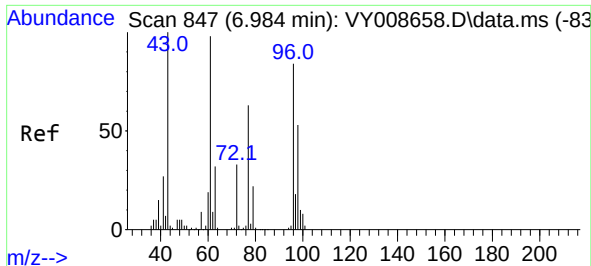
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#26
2,2-Dichloropropane
Concen: 47.988 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

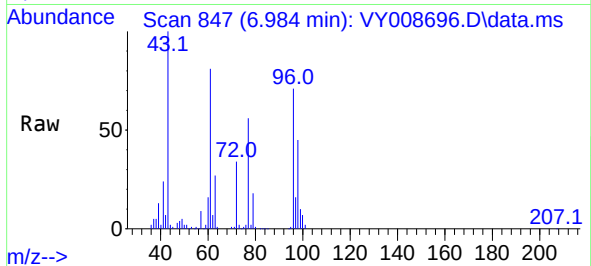
Tgt Ion: 77 Resp: 136302
Ion Ratio Lower Upper
77 100
97 26.1 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 48.579 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

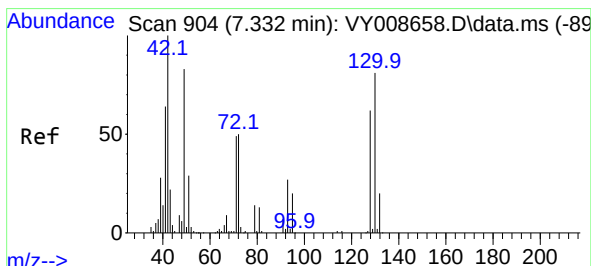
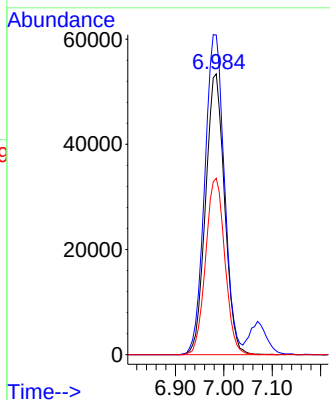
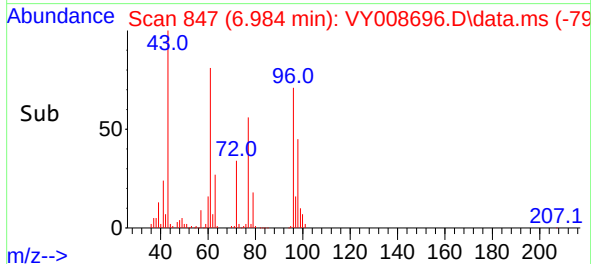
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 145852
Ion Ratio Lower Upper
96 100
61 117.7 0.0 319.8
98 63.6 0.0 127.0

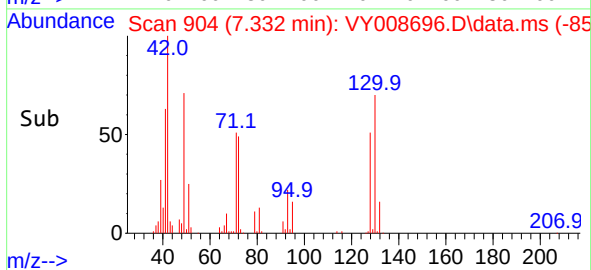
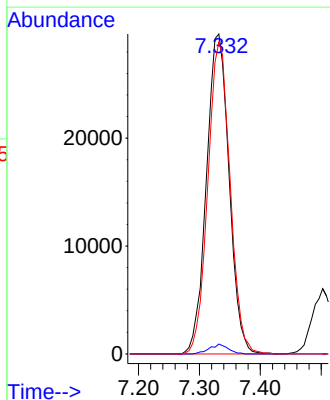
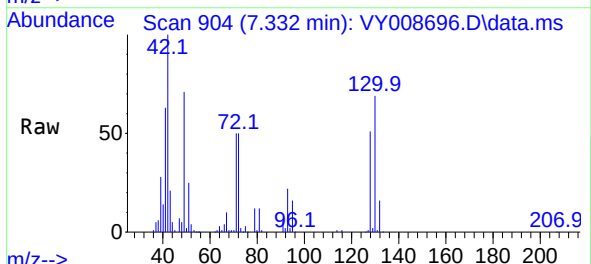
Manual Integrations
APPROVED

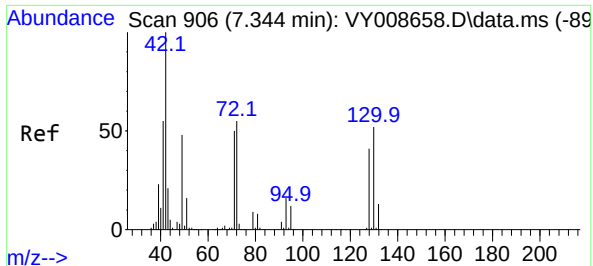
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#28
Bromochloromethane
Concen: 50.915 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

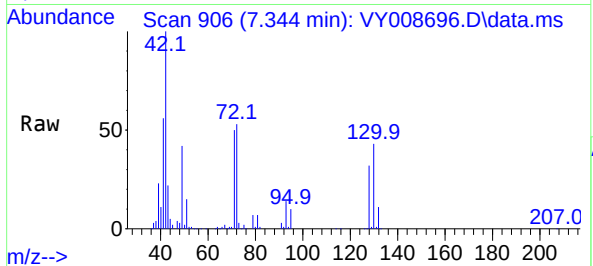
Tgt Ion: 49 Resp: 76714
Ion Ratio Lower Upper
49 100
129 2.5 0.0 2.2#
130 95.5 55.4 83.0#





#29
Tetrahydrofuran
Concen: 276.040 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

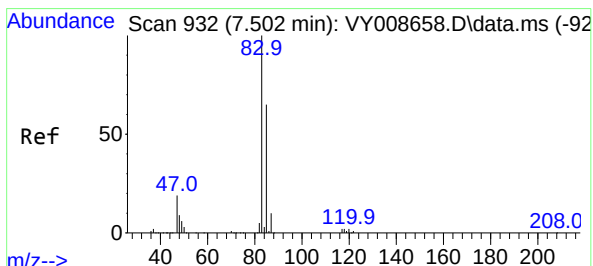
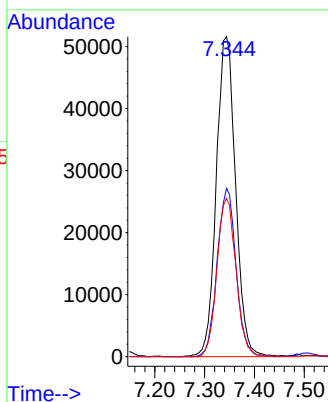
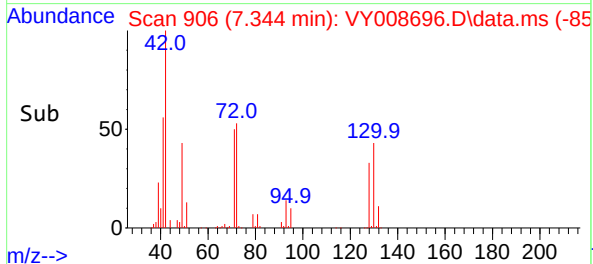
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



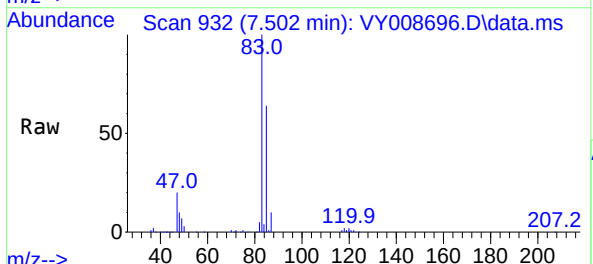
Tgt Ion: 42 Resp: 138385
Ion Ratio Lower Upper
42 100
72 51.5 30.3 45.5
71 49.1 29.0 43.4

Manual Integrations
APPROVED

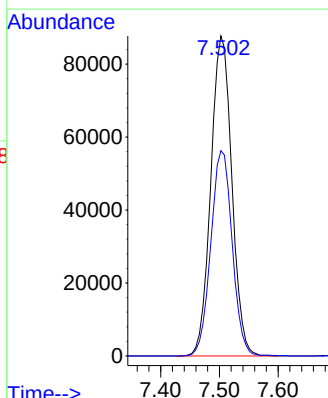
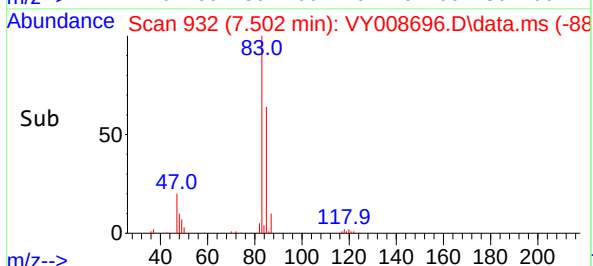
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

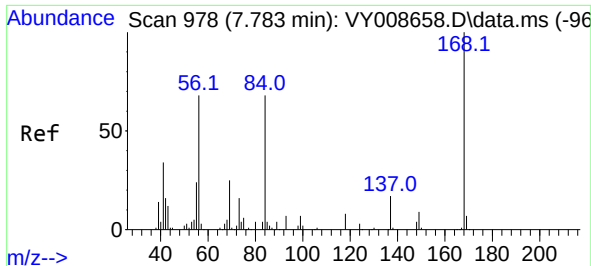


#30
Chloroform
Concen: 48.488 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



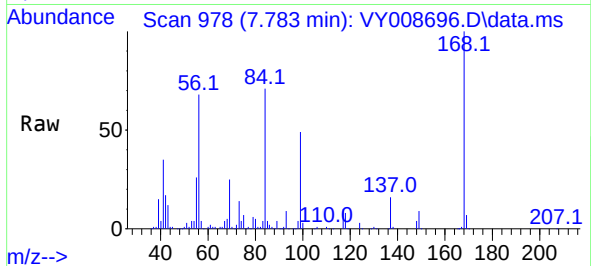
Tgt Ion: 83 Resp: 217868
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6





#31
Cyclohexane
Concen: 44.324 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

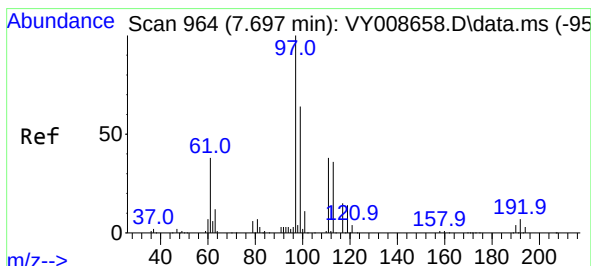
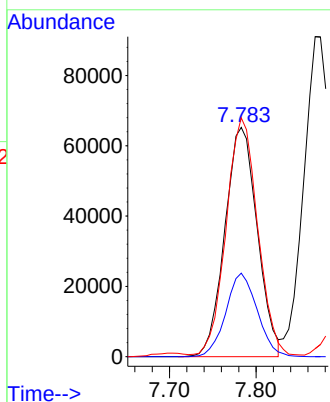
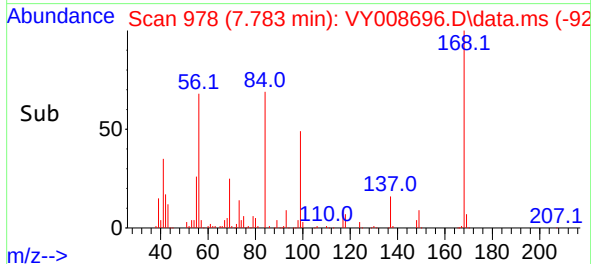
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



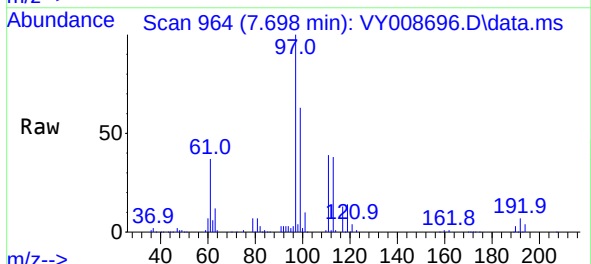
Tgt Ion: 56 Resp: 169590
Ion Ratio Lower Upper
56 100
69 36.4 26.7 40.1
84 102.7 67.2 100.8

Manual Integrations
APPROVED

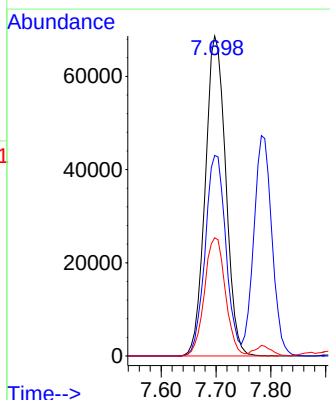
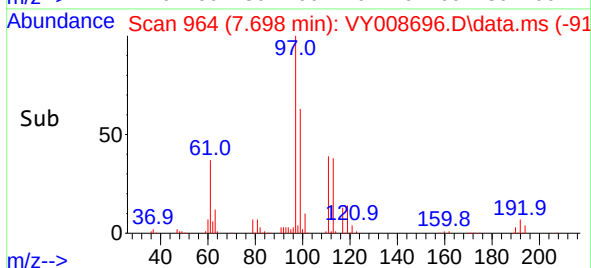
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

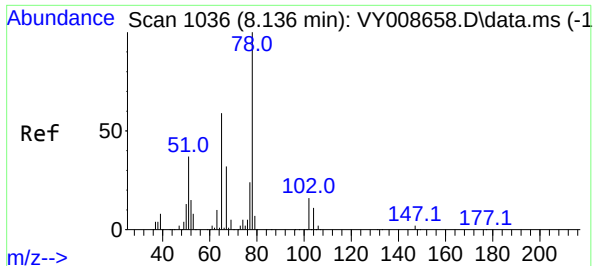


#32
1,1,1-Trichloroethane
Concen: 48.279 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 97 Resp: 177779
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 37.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.320 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 101198

Ion Ratio Lower Upper

65 100

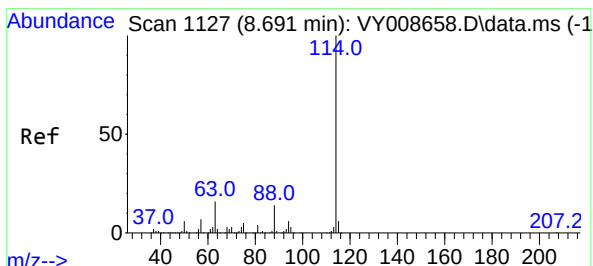
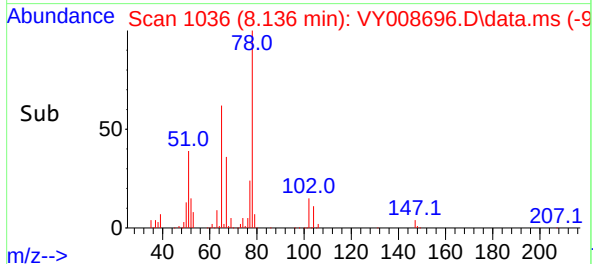
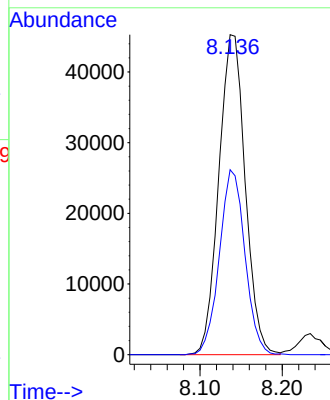
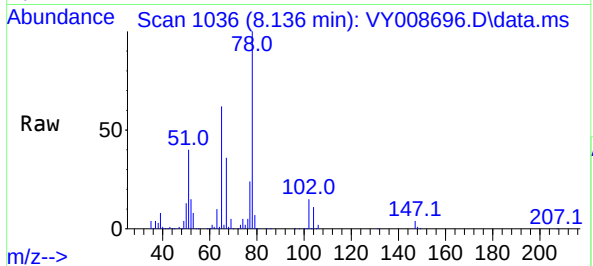
67 56.0 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

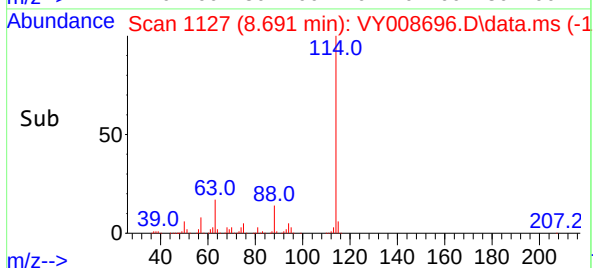
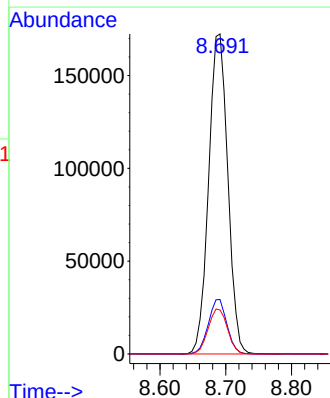
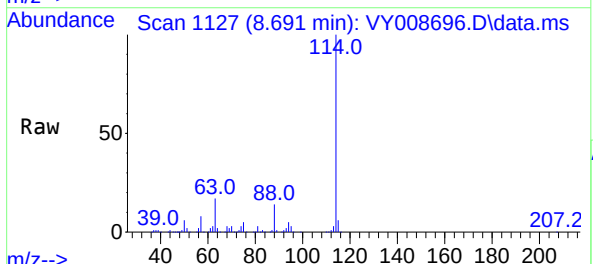
Tgt Ion:114 Resp: 348822

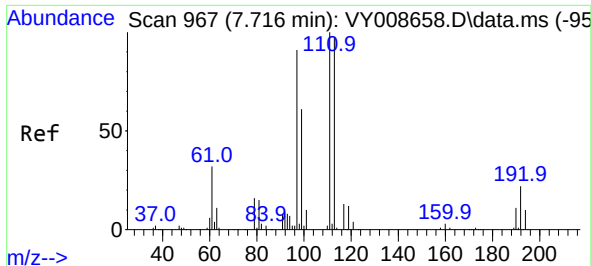
Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

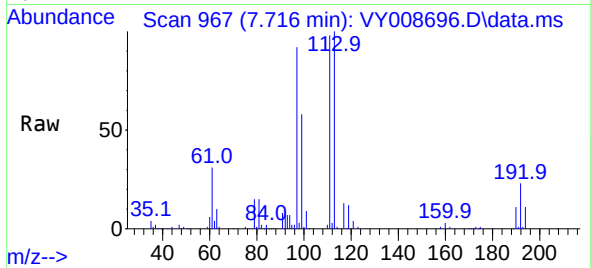
88 13.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.253 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

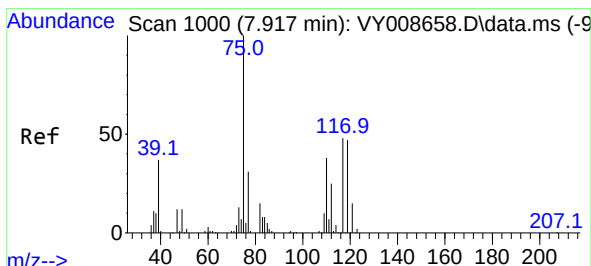
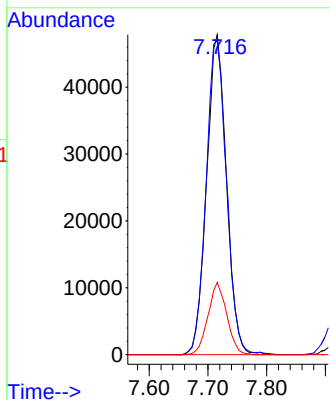
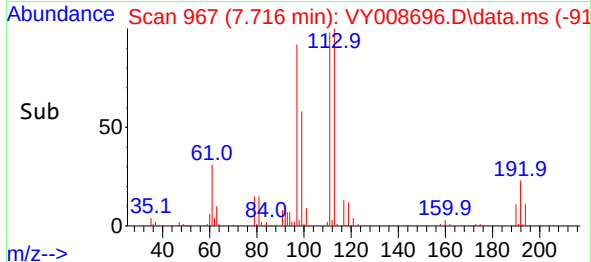
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



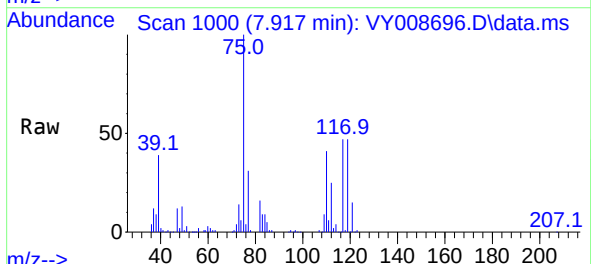
Tgt Ion: 113 Resp: 11232
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 21.3 17.6 26.4

Manual Integrations
APPROVED

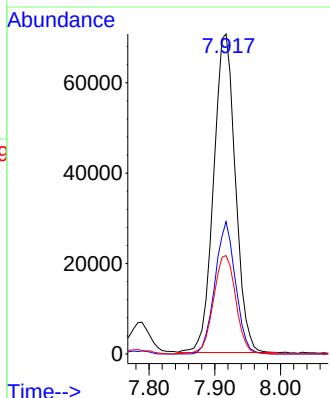
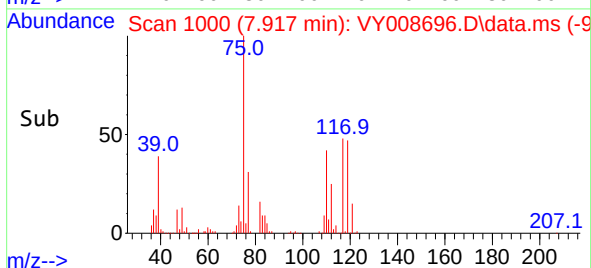
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

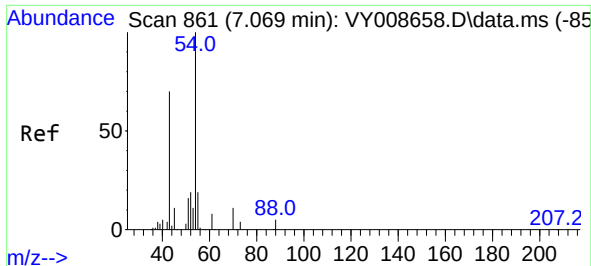


#36
1,1-Dichloropropene
Concen: 47.099 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



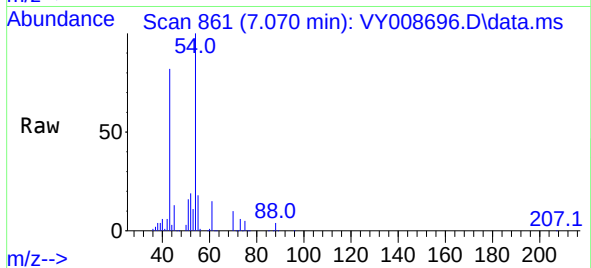
Tgt Ion: 75 Resp: 162669
Ion Ratio Lower Upper
75 100
110 39.0 17.1 51.2
77 31.7 24.4 36.6





#37
Ethyl Acetate
Concen: 55.657 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

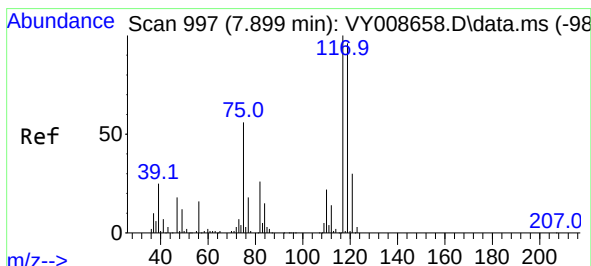
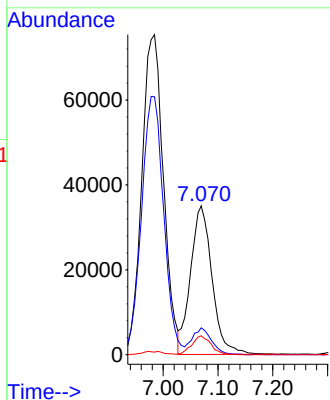
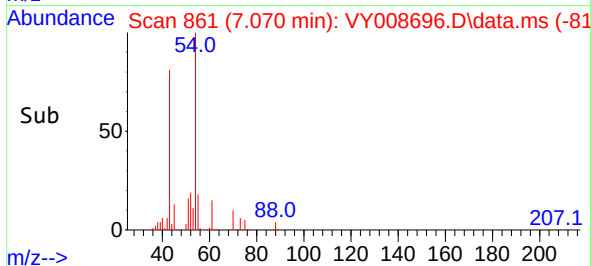
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 95579
Ion Ratio Lower Upper
43 100
61 16.3 9.7 14.5
70 11.4 7.1 10.7

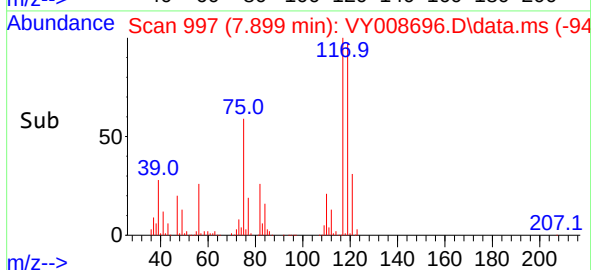
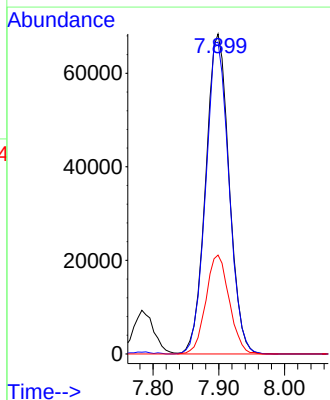
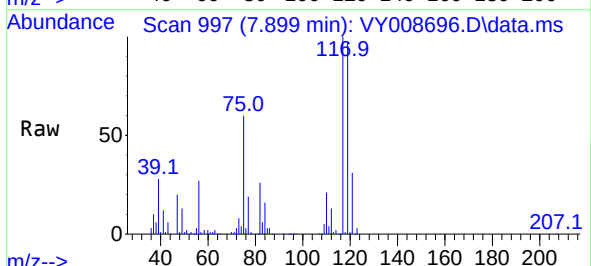
Manual Integrations
APPROVED

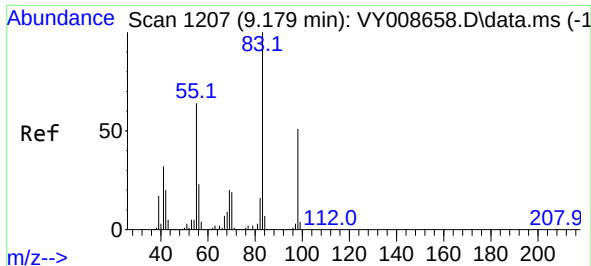
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#38
Carbon Tetrachloride
Concen: 48.555 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion:117 Resp: 169613
Ion Ratio Lower Upper
117 100
119 97.4 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 46.896 ug/l

RT: 9.179 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20947

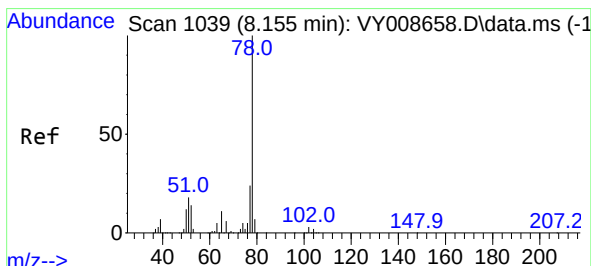
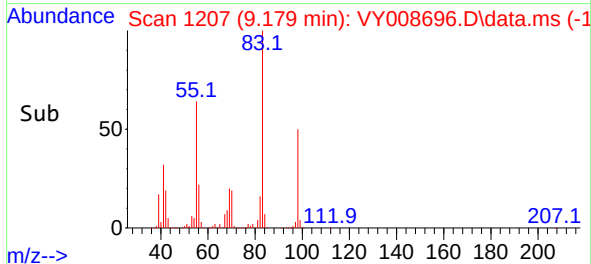
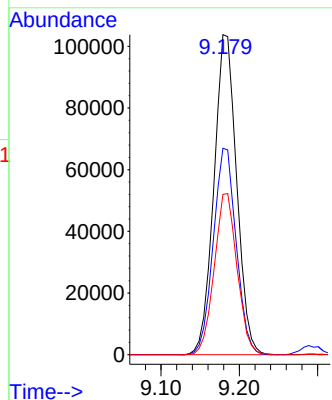
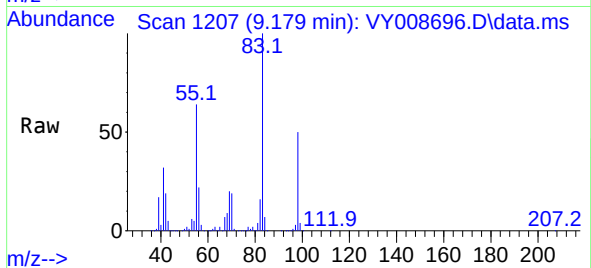
Ion	Ratio	Lower	Upper
83	100		
55	64.5	66.5	99.7
98	50.1	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#40

Benzene

Concen: 48.635 ug/l

RT: 8.161 min Scan# 1040

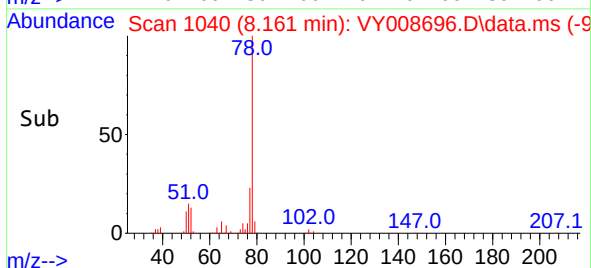
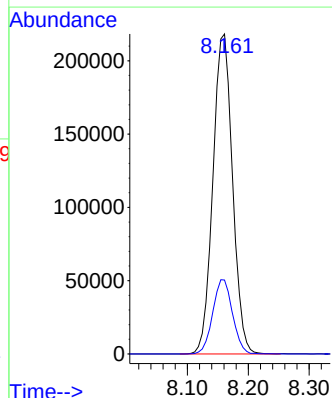
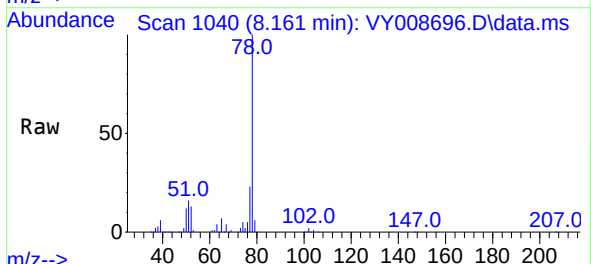
Delta R.T. 0.006 min

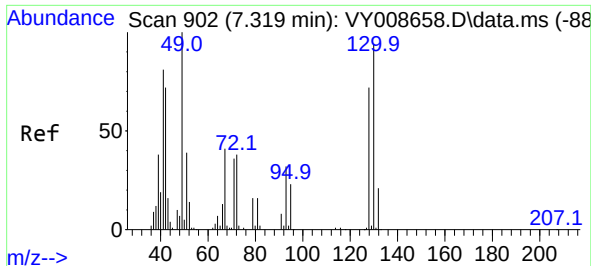
Lab File: VY008696.D

Acq: 11 May 2022 10:25

Tgt Ion: 78 Resp: 488034

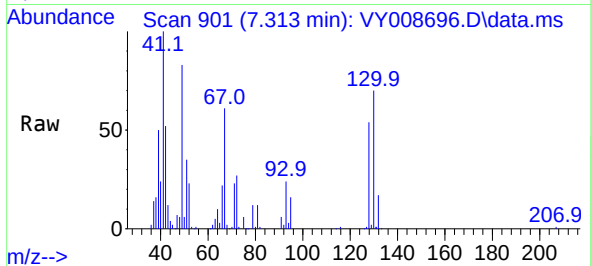
Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.4	30.6





#41
Methacrylonitrile
Concen: 55.583 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

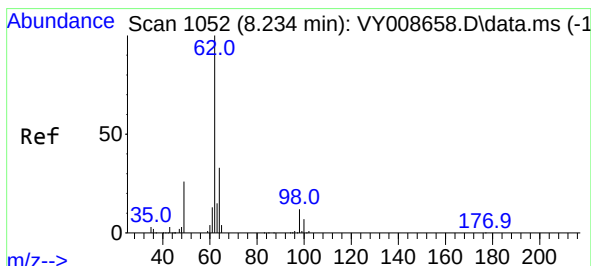
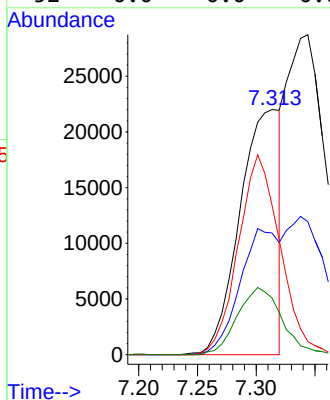
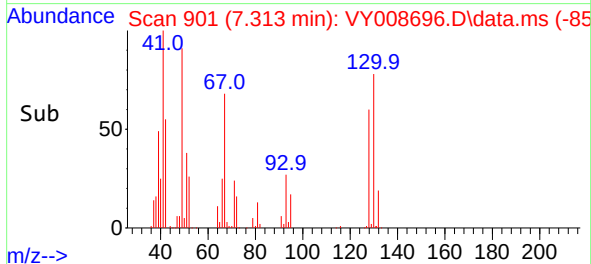
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 52725
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

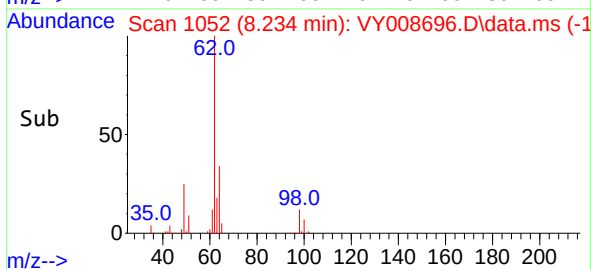
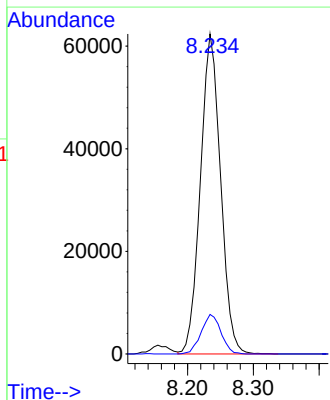
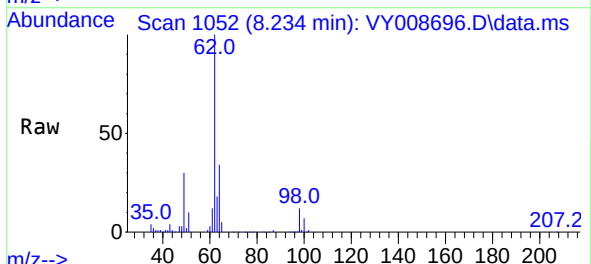
Manual Integrations
APPROVED

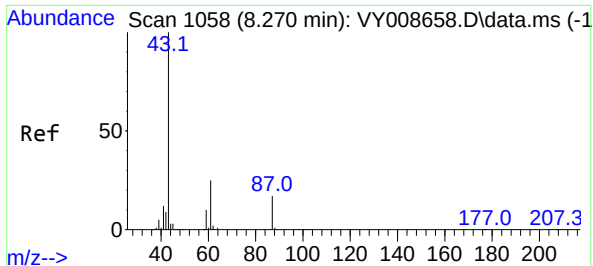
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#42
1,2-Dichloroethane
Concen: 51.172 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion: 62 Resp: 133107
Ion Ratio Lower Upper
62 100
98 12.1 0.0 14.8





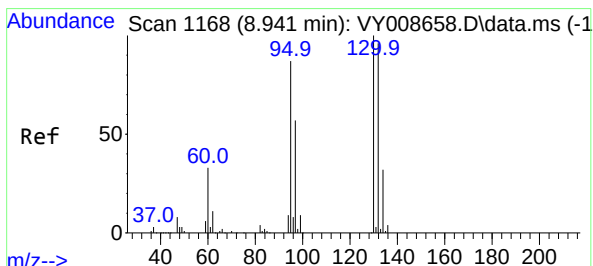
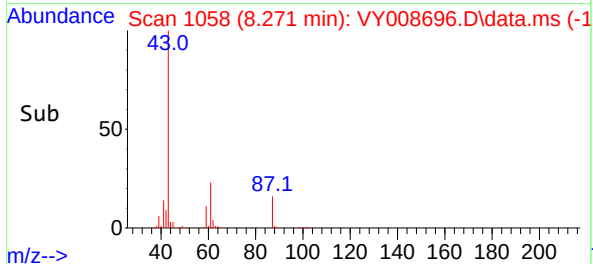
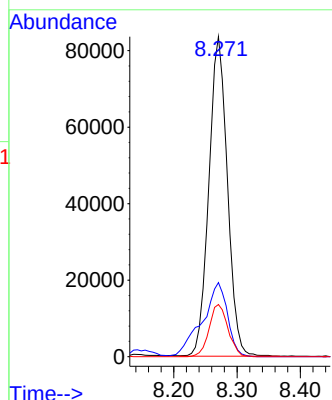
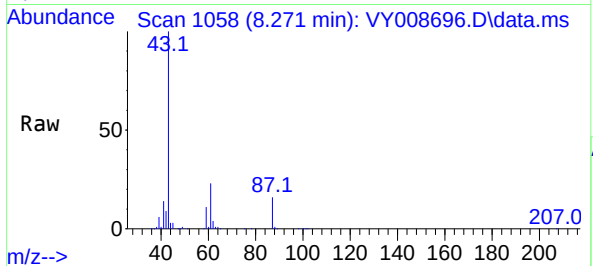
#43
Isopropyl Acetate
Concen: 54.522 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 170080
Ion Ratio Lower Upper
43 100
61 31.7 20.2 30.2
87 16.7 8.9 13.3

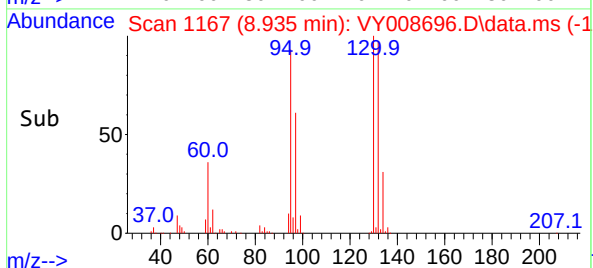
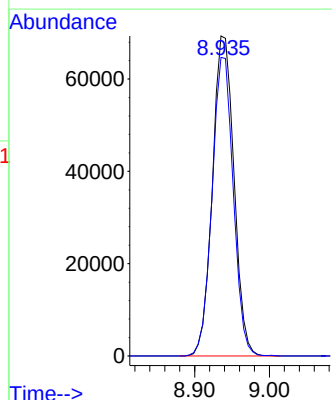
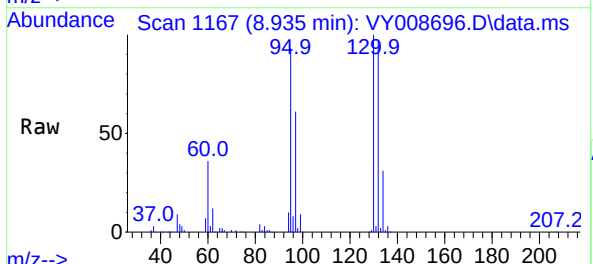
Manual Integrations
APPROVED

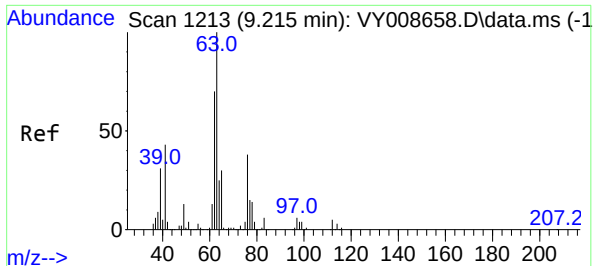
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#44
Trichloroethene
Concen: 47.559 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion:130 Resp: 139274
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.763 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12183

Ion Ratio Lower Upper

63 100

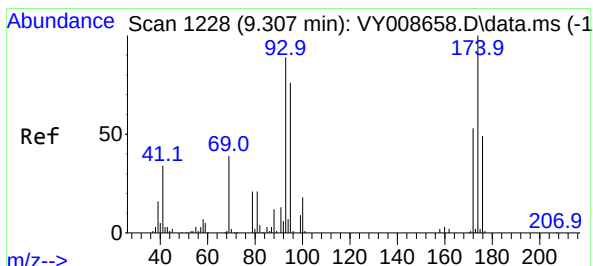
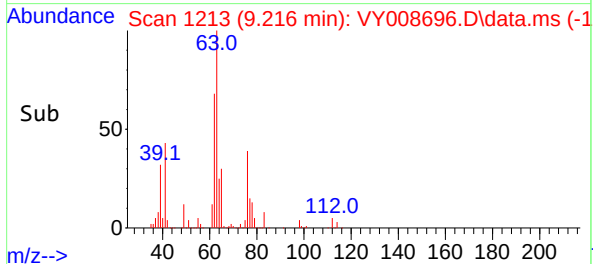
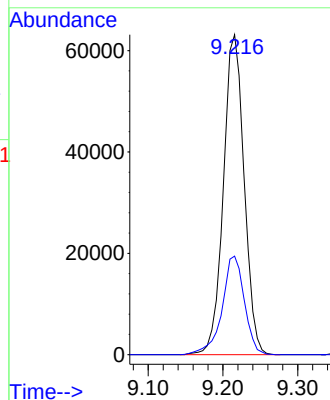
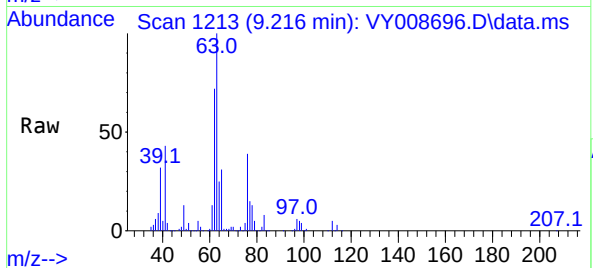
65 30.8 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#46

Dibromomethane

Concen: 51.308 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

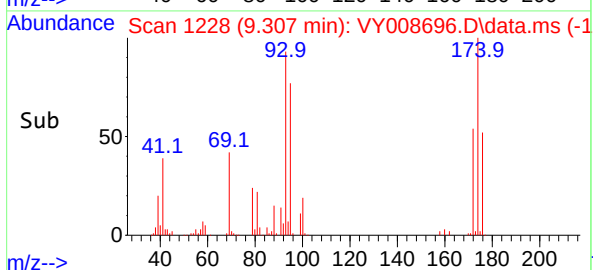
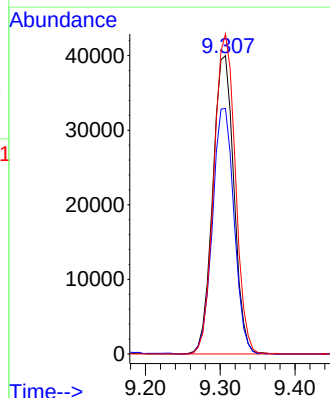
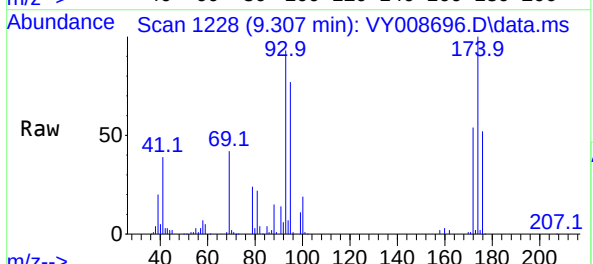
Tgt Ion: 93 Resp: 78620

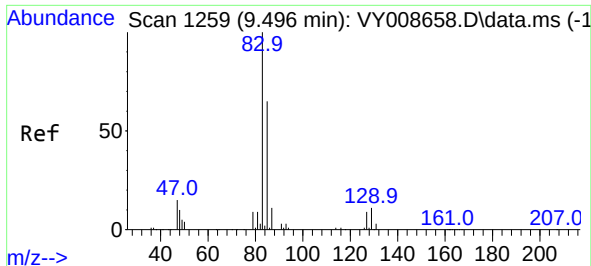
Ion Ratio Lower Upper

93 100

95 83.7 64.3 96.5

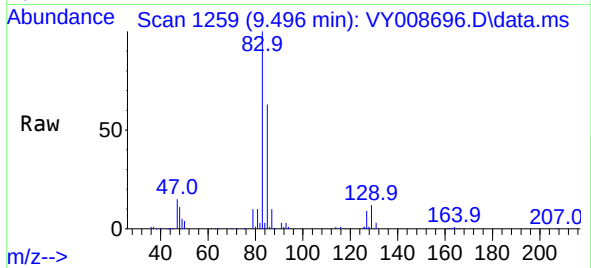
174 108.7 83.4 125.0





#47
Bromodichloromethane
Concen: 50.776 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

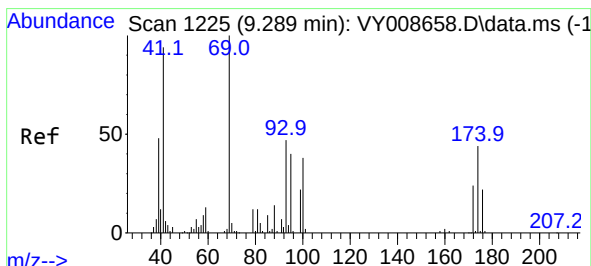
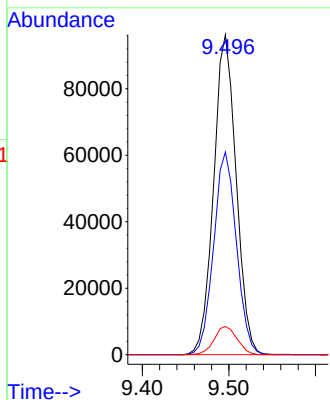
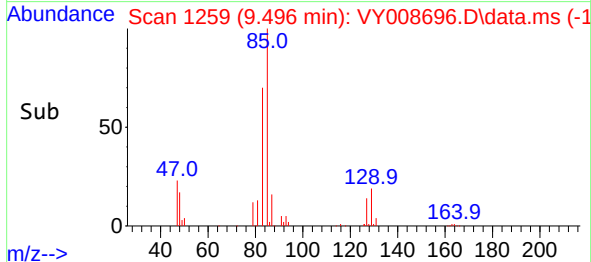
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



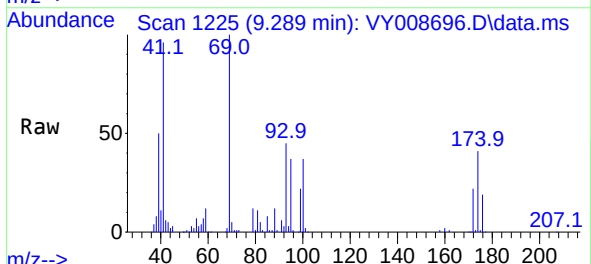
Tgt Ion: 83 Resp: 173738
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 8.8 6.6 10.0

Manual Integrations
APPROVED

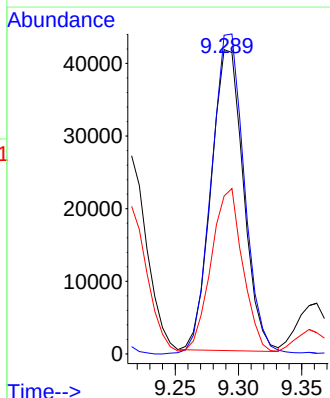
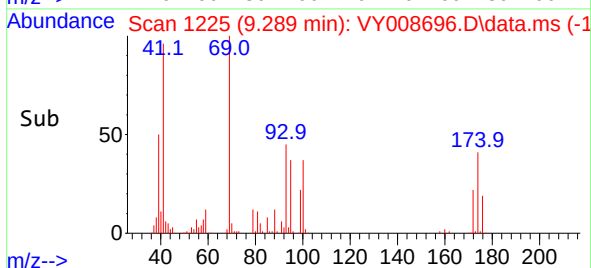
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

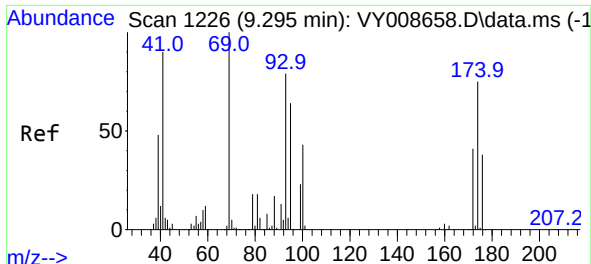


#48
Methyl methacrylate
Concen: 54.254 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 41 Resp: 73678
Ion Ratio Lower Upper
41 100
69 108.4 58.2 87.2#
39 54.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1087.597 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

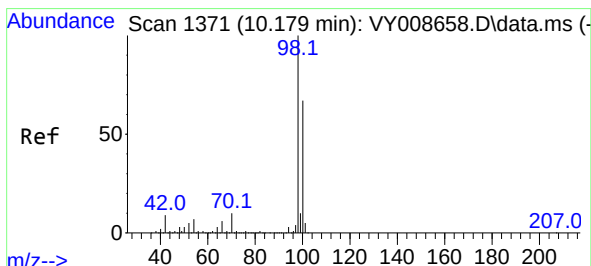
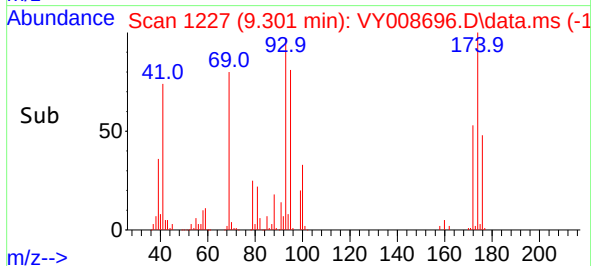
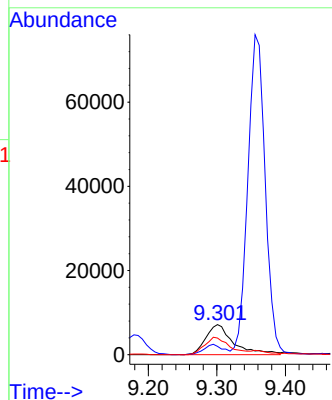
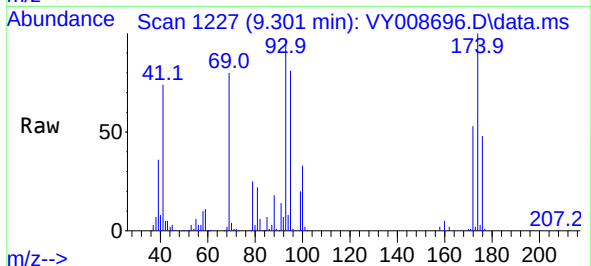
Tgt Ion: 88	Resp: 2015
Ion Ratio	Lower Upper
88	100
43	23.9 32.8 49.2
58	51.1 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#50

Toluene-d8

Concen: 51.788 ug/l

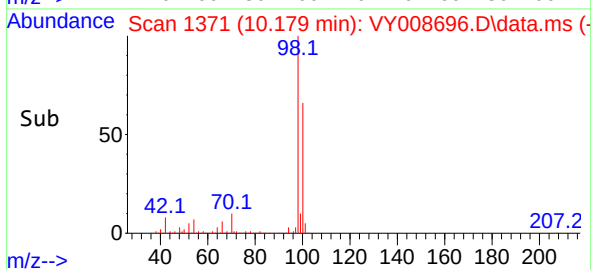
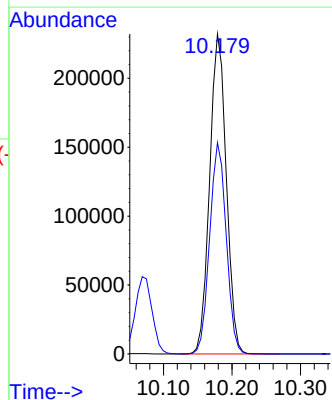
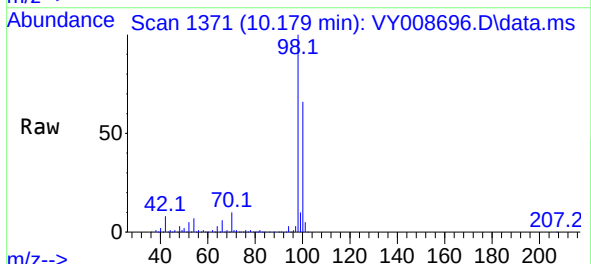
RT: 10.179 min Scan# 1371

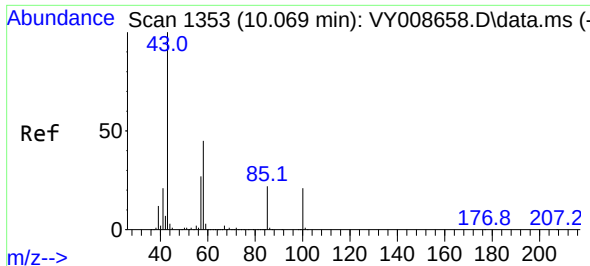
Delta R.T. -0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Tgt Ion: 98	Resp: 392294
Ion Ratio	Lower Upper
98	100
100	65.6 50.2 75.2





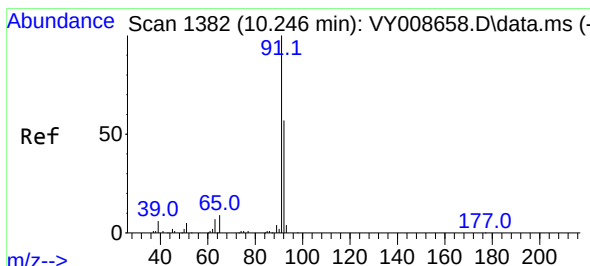
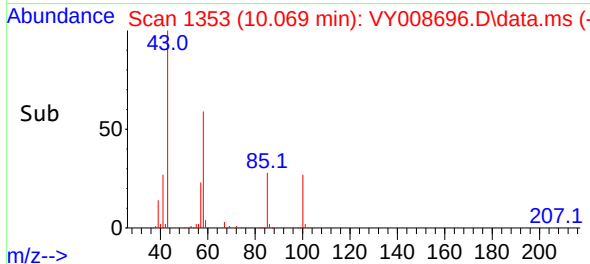
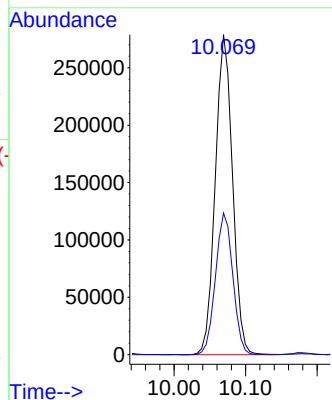
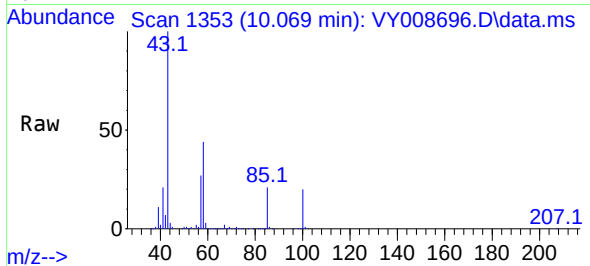
#51
4-Methyl-2-Pentanone
Concen: 285.793 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46630
Ion Ratio Lower Upper
43 100
58 44.7 28.1 42.1

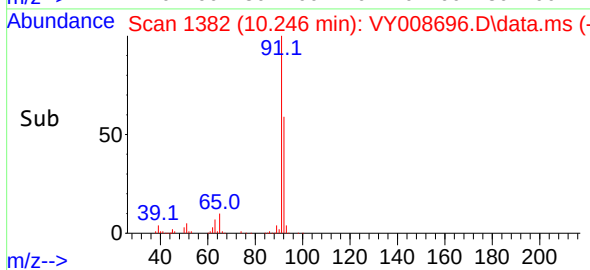
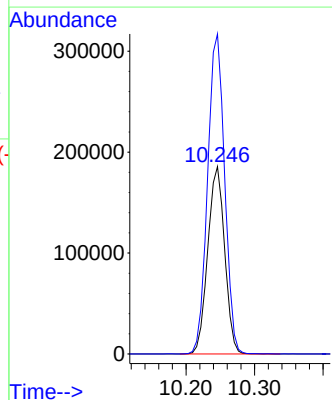
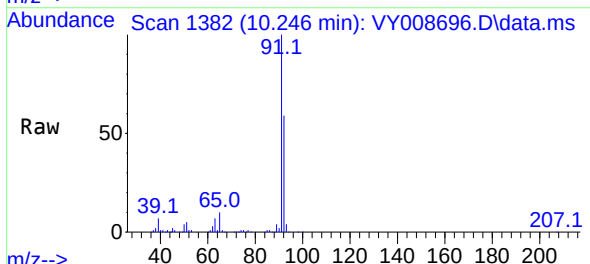
Manual Integrations
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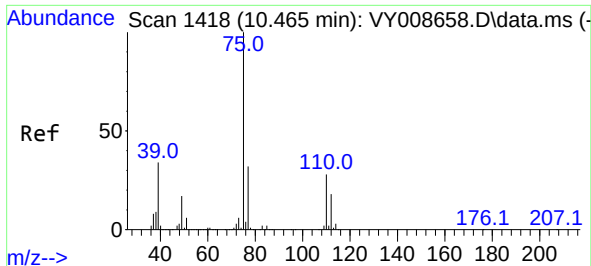
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#52
Toluene
Concen: 48.682 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion: 92 Resp: 318027
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8





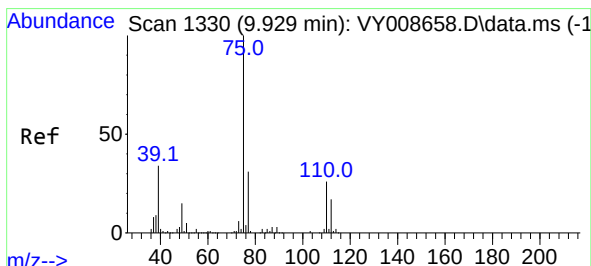
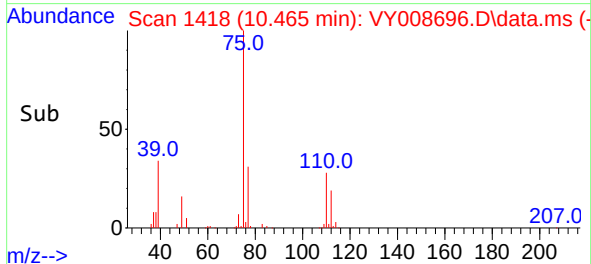
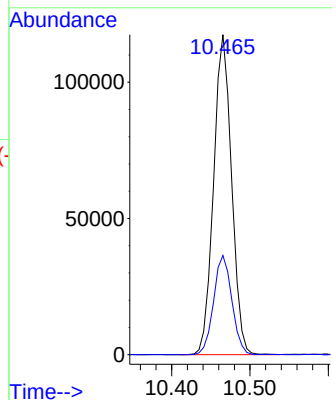
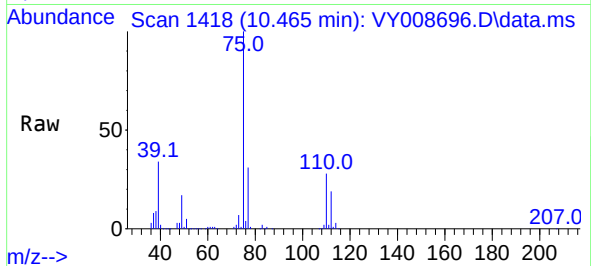
#53
t-1,3-Dichloropropene
Concen: 50.927 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 18725
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

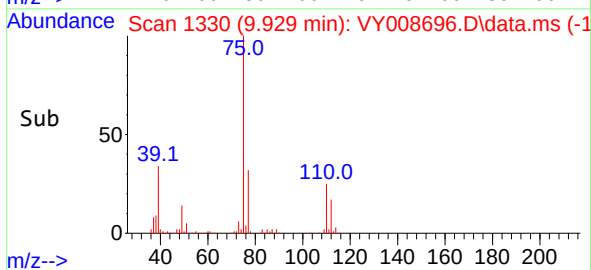
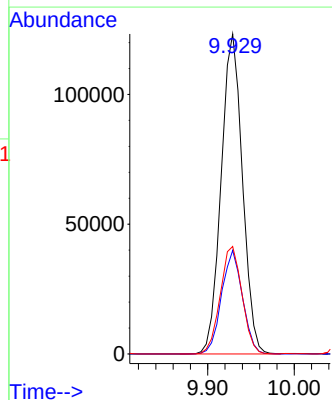
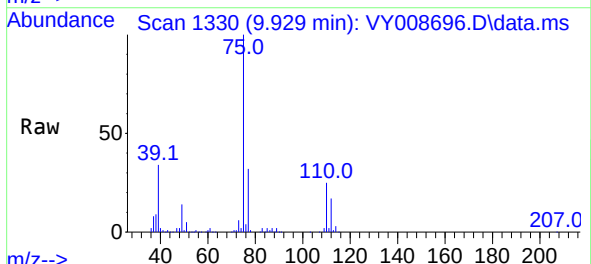
Manual Integrations
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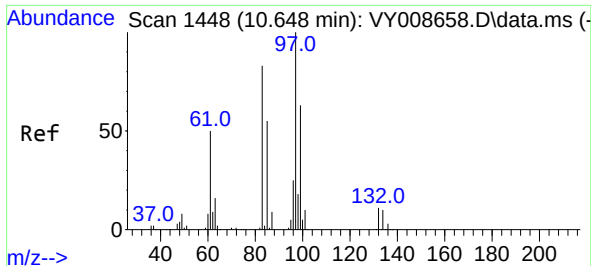
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#54
cis-1,3-Dichloropropene
Concen: 50.201 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

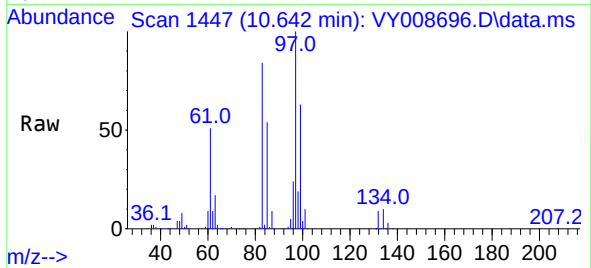
Tgt Ion: 75 Resp: 210641
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 33.6 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 51.770 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

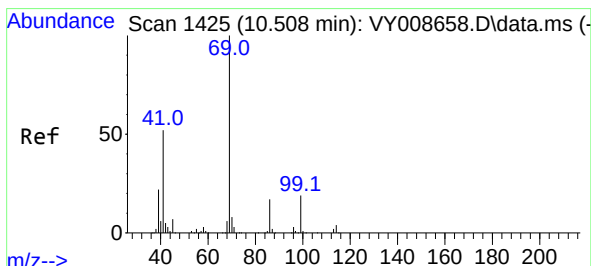
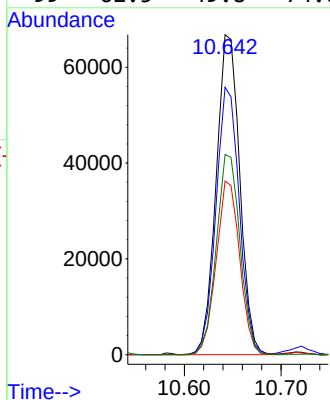
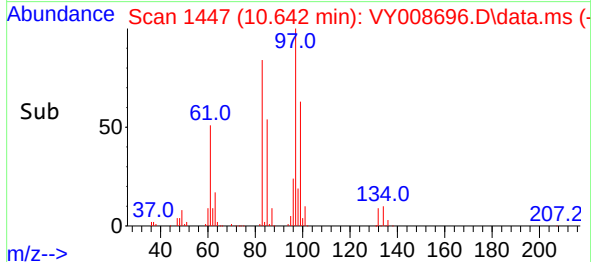
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



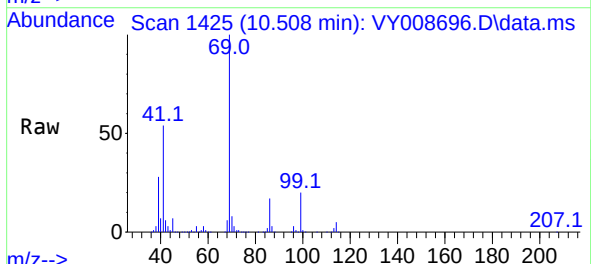
Tgt Ion: 97 Resp: 113129
Ion Ratio Lower Upper
97 100
83 83.5 69.8 104.8
85 54.2 44.3 66.5
99 62.5 49.8 74.6

Manual Integrations
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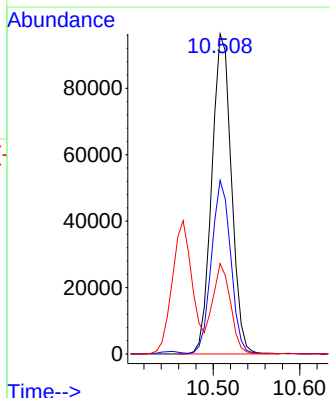
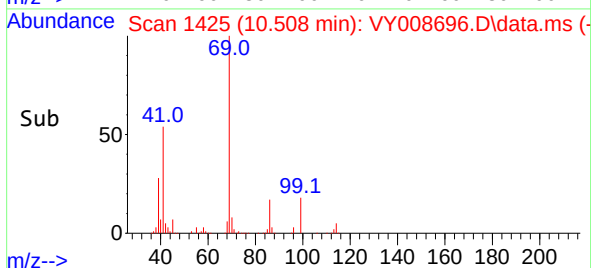
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

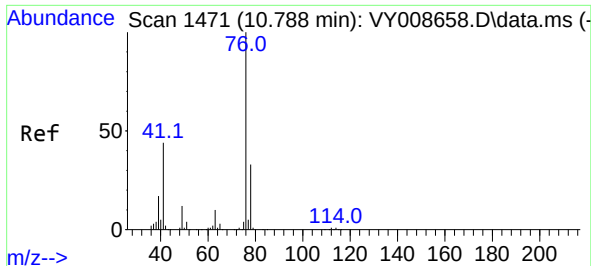


#56
Ethyl methacrylate
Concen: 54.801 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 69 Resp: 151537
Ion Ratio Lower Upper
69 100
41 53.2 63.4 95.0#
39 25.6 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.537 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 184210

Ion Ratio Lower Upper

76 100

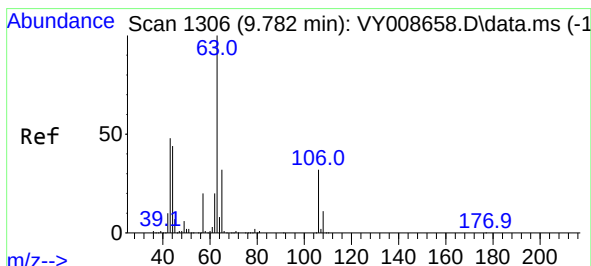
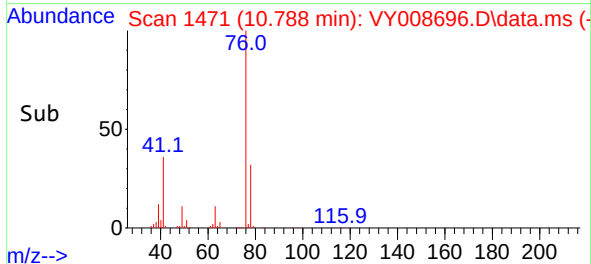
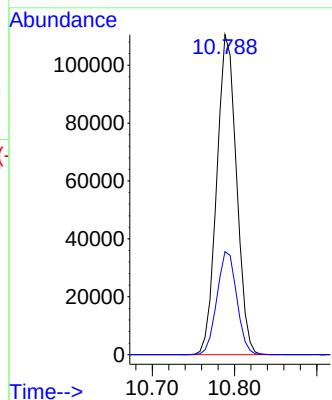
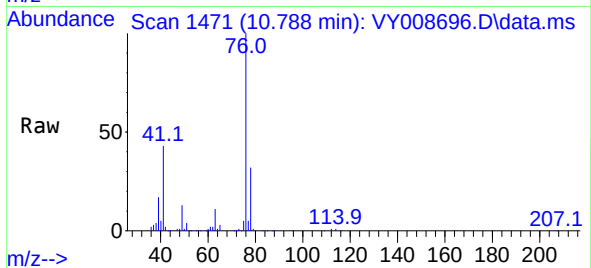
78 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 279.563 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008696.D

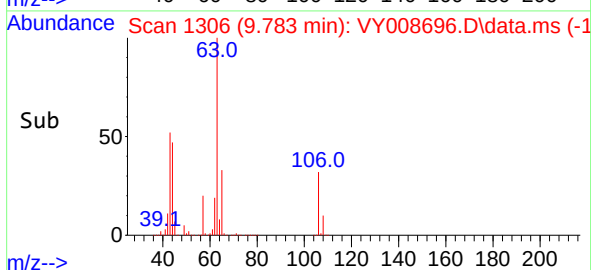
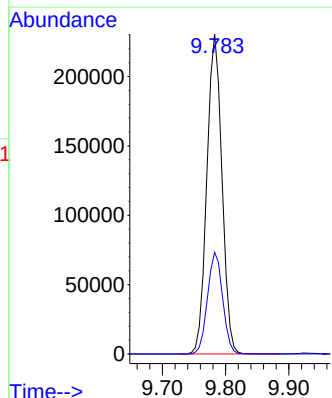
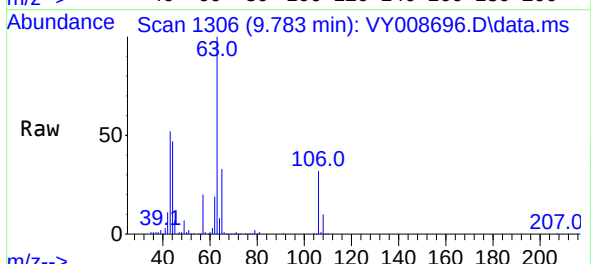
Acq: 11 May 2022 10:25

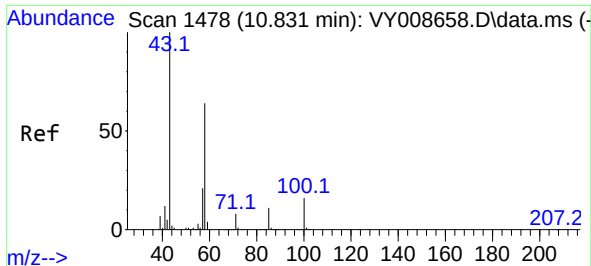
Tgt Ion: 63 Resp: 382777

Ion Ratio Lower Upper

63 100

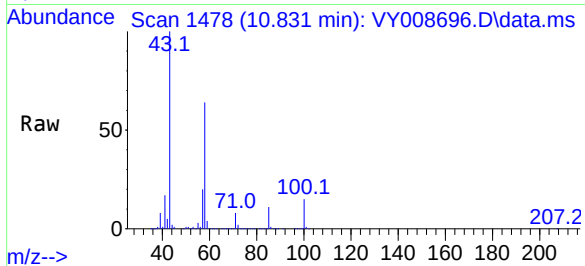
106 31.8 21.5 32.3





#59
2-Hexanone
Concen: 293.028 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

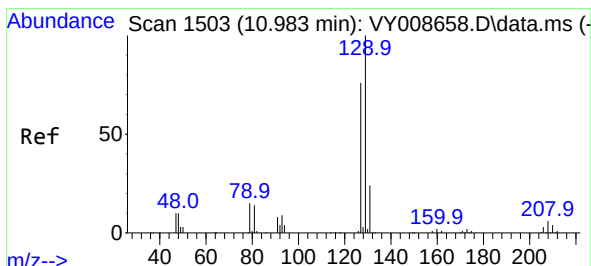
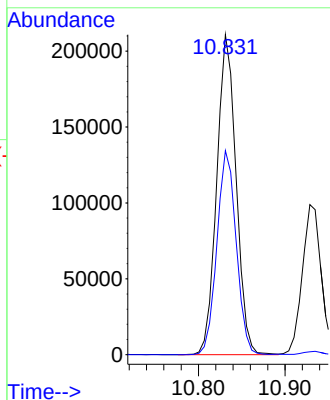
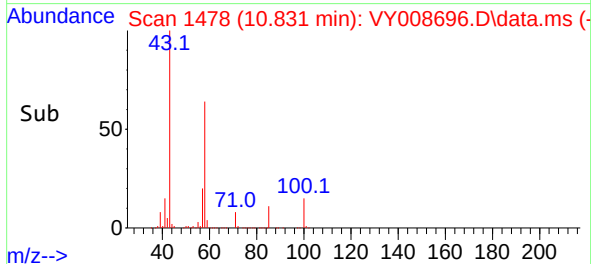
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



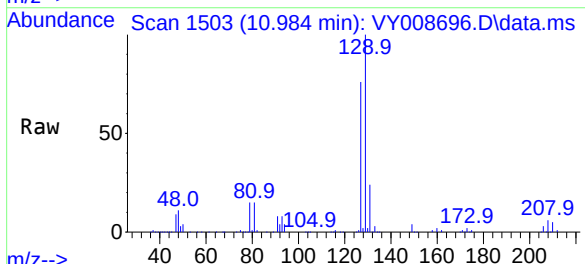
Tgt Ion: 43 Resp: 327450
Ion Ratio Lower Upper
43 100
58 63.5 24.4 73.4

Manual Integrations
APPROVED

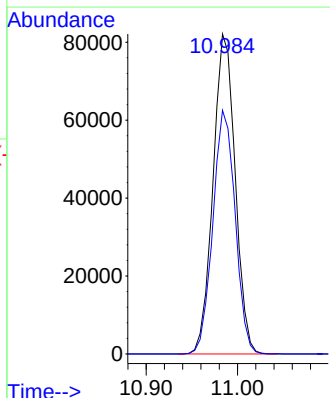
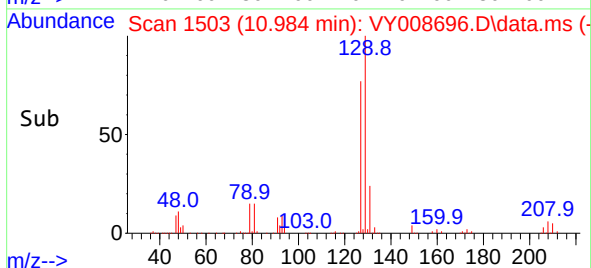
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

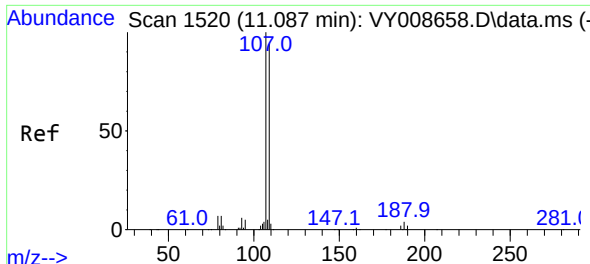


#60
Dibromochloromethane
Concen: 52.087 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



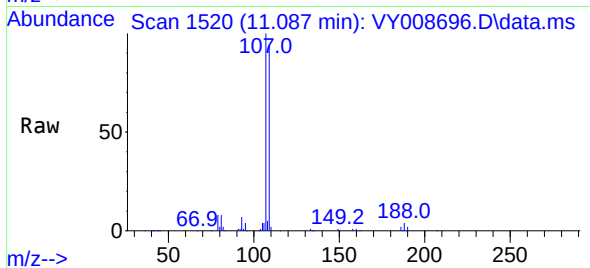
Tgt Ion:129 Resp: 138215
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.674 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

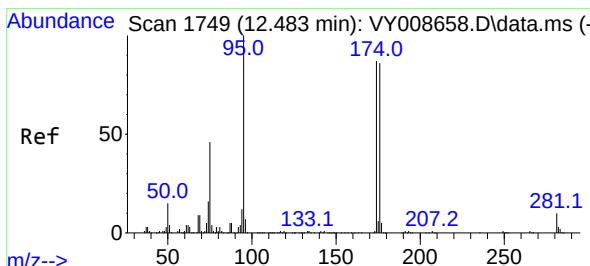
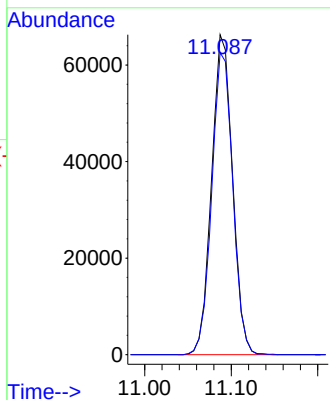
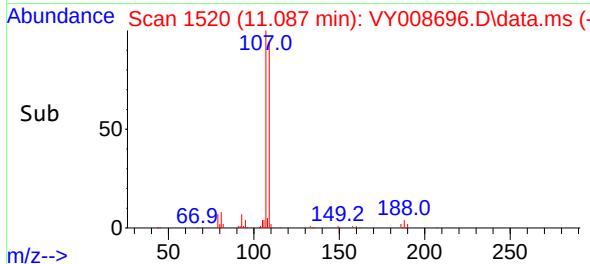
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



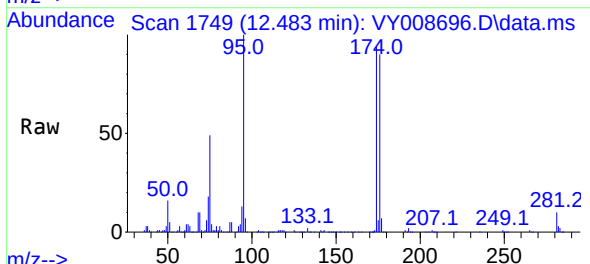
Tgt Ion:107 Resp: 111275
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

Manual Integrations
APPROVED

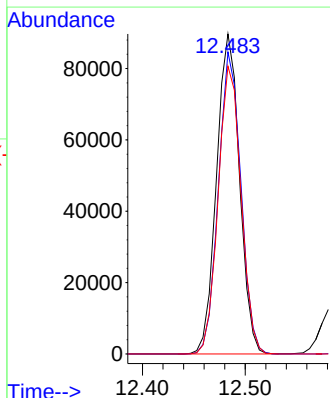
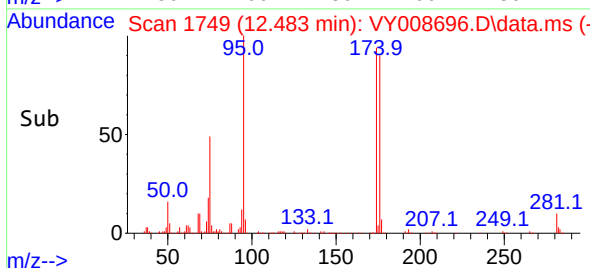
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

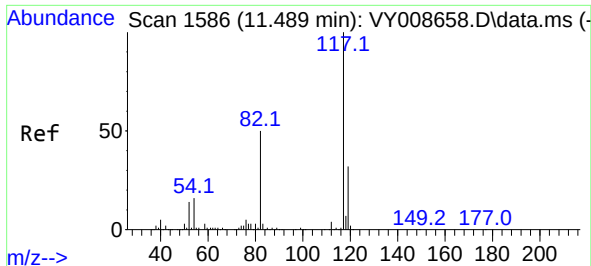


#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



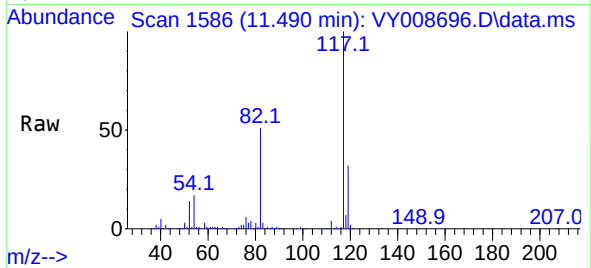
Tgt Ion: 95 Resp: 139019
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

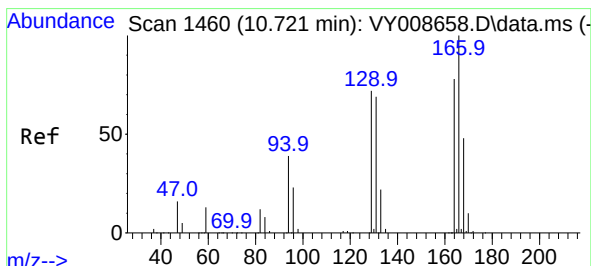
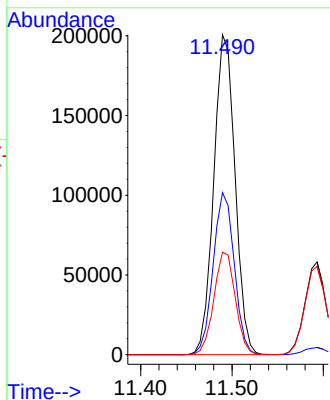
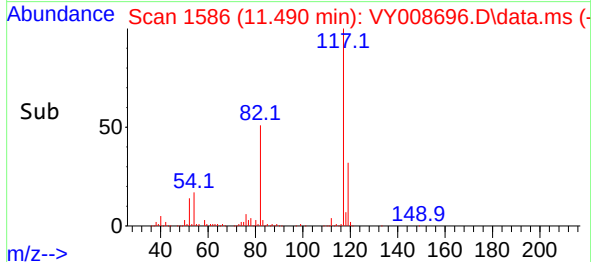
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



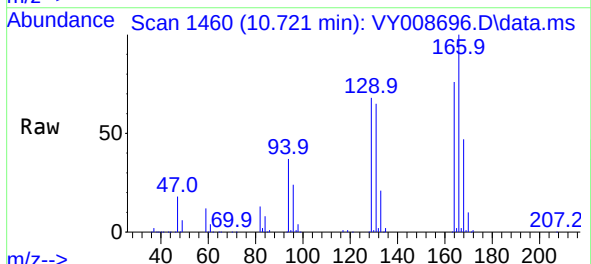
Tgt Ion:117 Resp: 324978
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

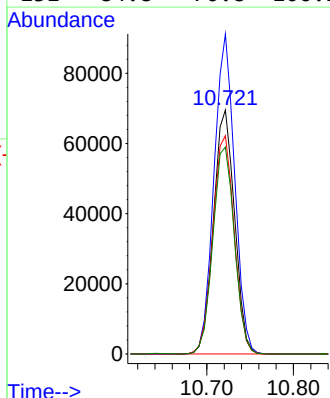
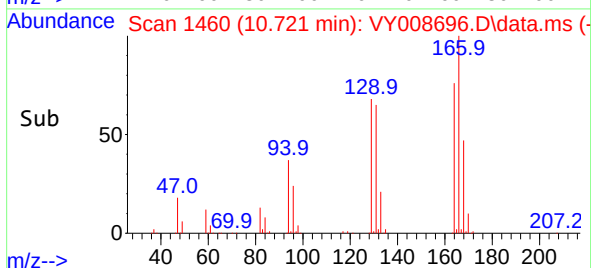
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

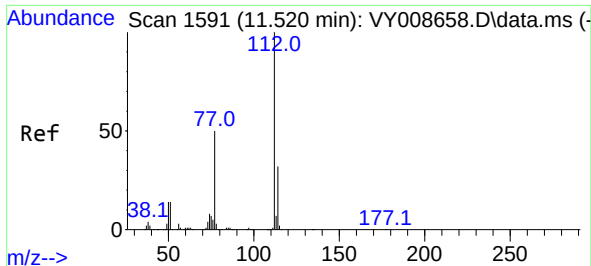


#64
Tetrachloroethene
Concen: 46.524 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



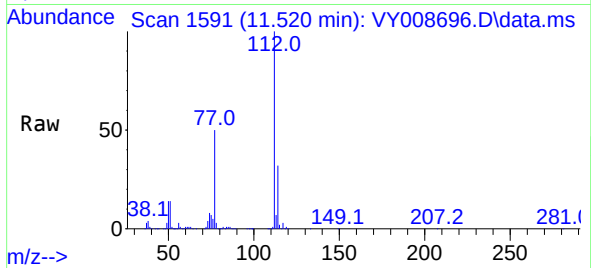
Tgt Ion:164 Resp: 117845
Ion Ratio Lower Upper
164 100
166 131.1 100.4 150.6
129 89.4 71.4 107.0
131 84.8 70.8 106.2





#65
Chlorobenzene
Concen: 48.711 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

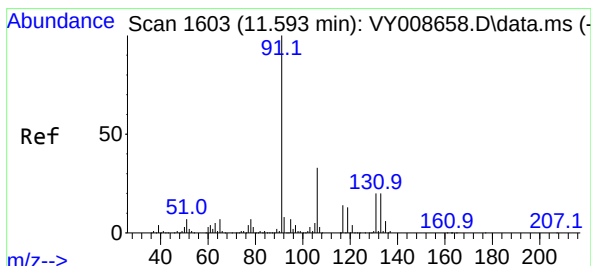
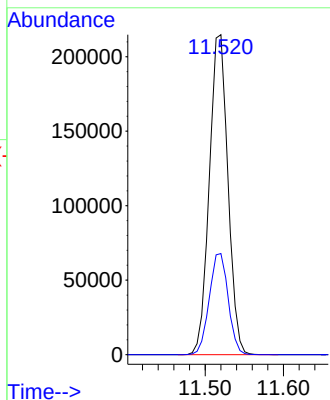
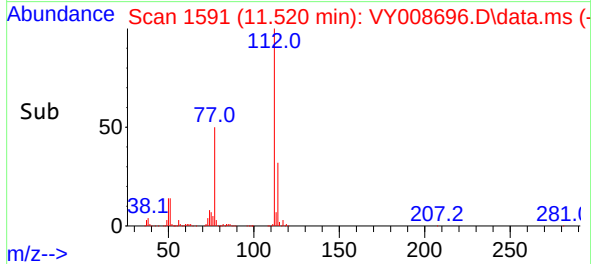
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



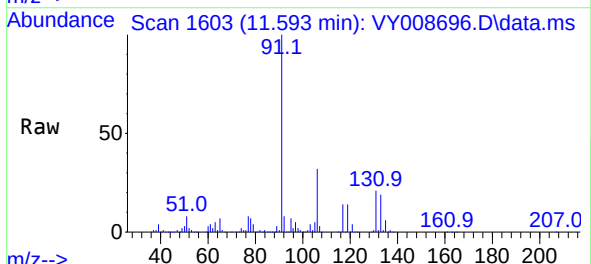
Tgt Ion:112 Resp: 354120
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

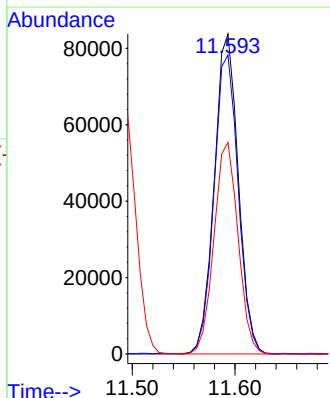
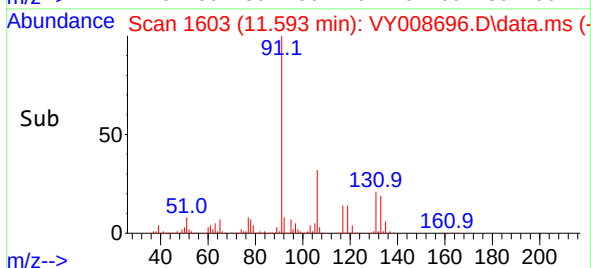
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

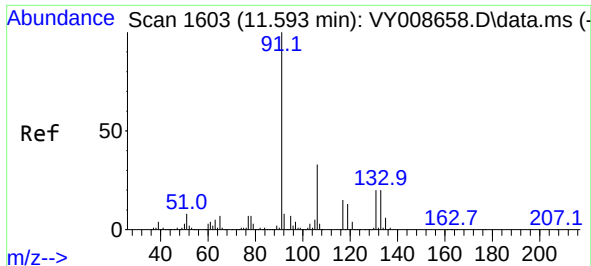


#66
1,1,1,2-Tetrachloroethane
Concen: 50.270 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



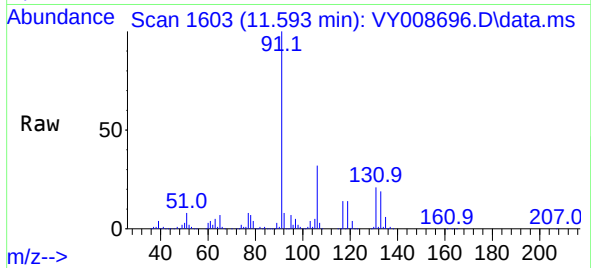
Tgt Ion:131 Resp: 135718
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 66.4 30.8 92.3





#67
Ethyl Benzene
Concen: 48.566 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

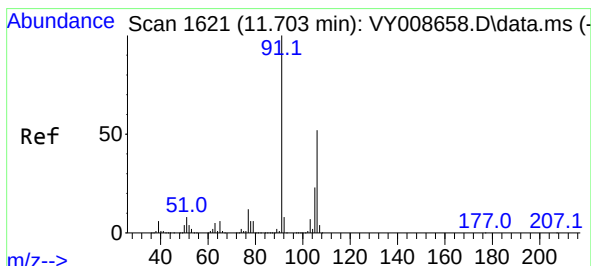
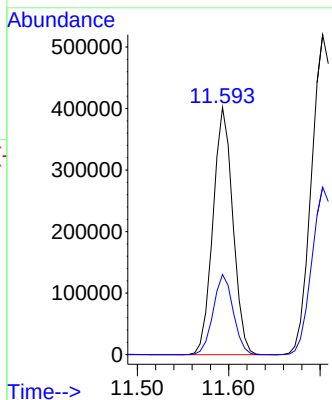
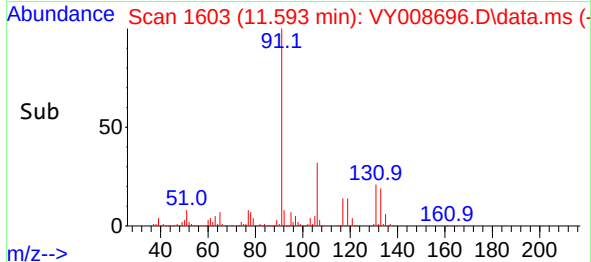
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



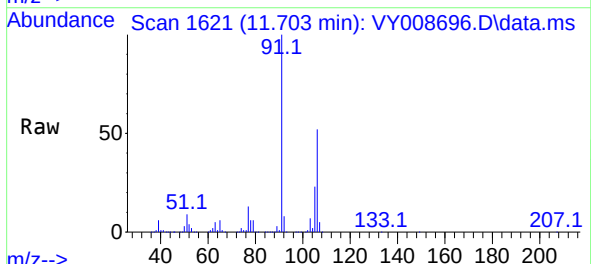
Tgt Ion: 91 Resp: 606739
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

Manual Integrations
APPROVED

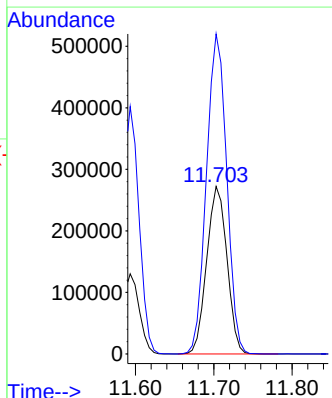
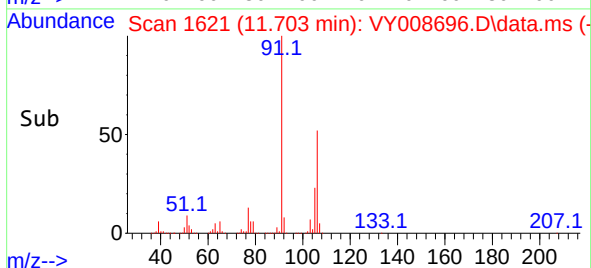
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

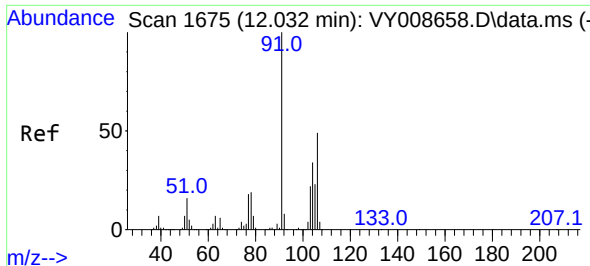


#68
m/p-Xylenes
Concen: 97.595 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



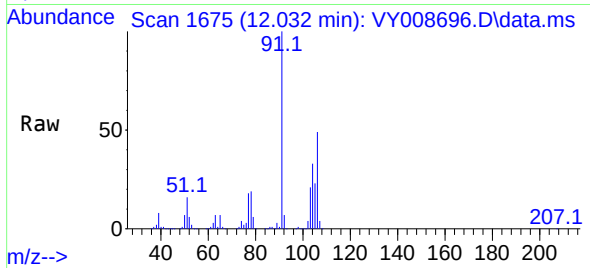
Tgt Ion:106 Resp: 487829
Ion Ratio Lower Upper
106 100
91 191.3 166.6 249.8





#69
o-Xylene
Concen: 48.970 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

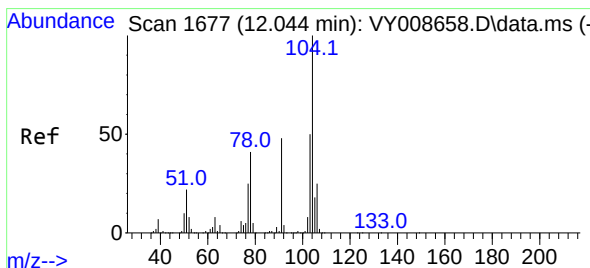
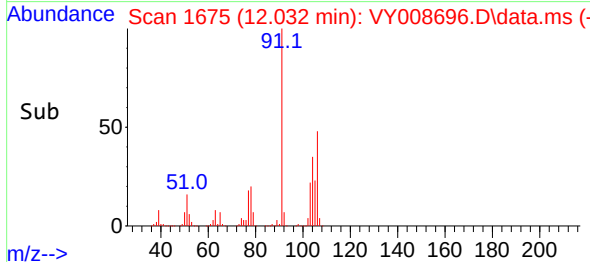
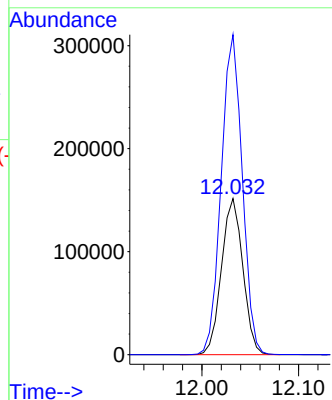
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 23221
Ion Ratio Lower Upper
106 100
91 202.0 110.3 331.0

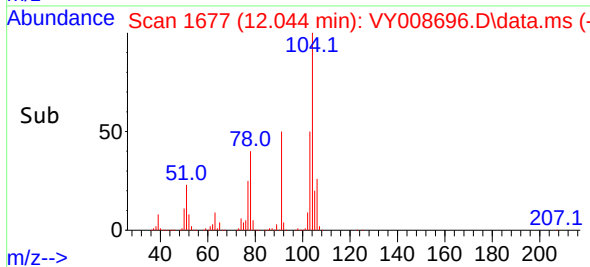
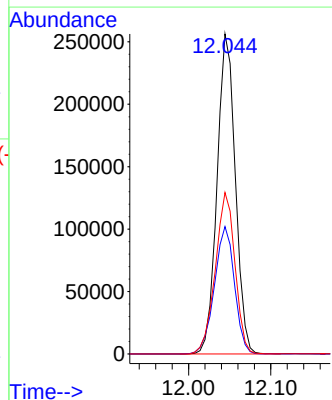
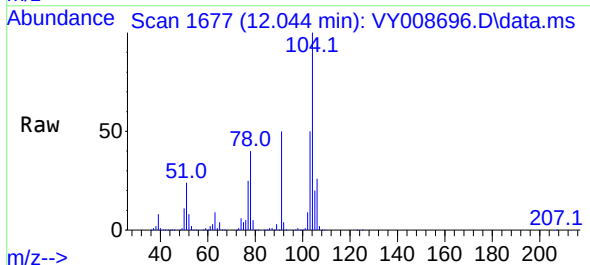
Manual Integrations
APPROVED

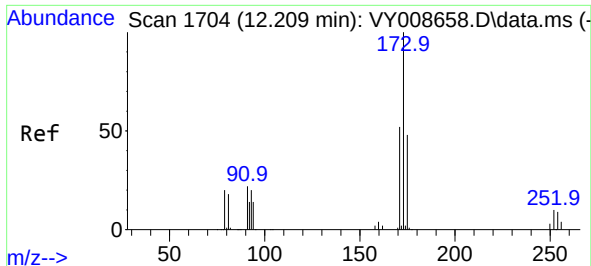
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#70
Styrene
Concen: 50.251 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

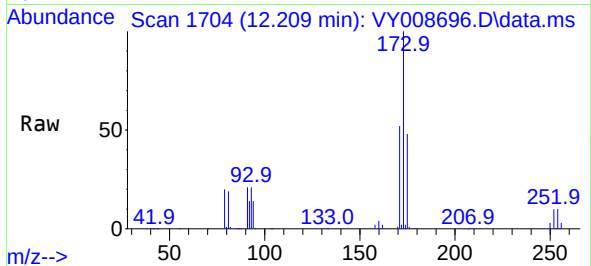
Tgt Ion:104 Resp: 395664
Ion Ratio Lower Upper
104 100
78 43.8 42.4 63.6
103 54.3 44.4 66.6





#71
Bromoform
Concen: 53.687 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

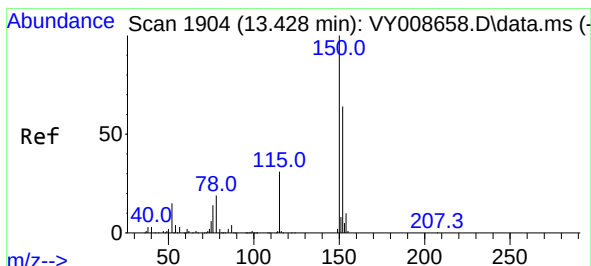
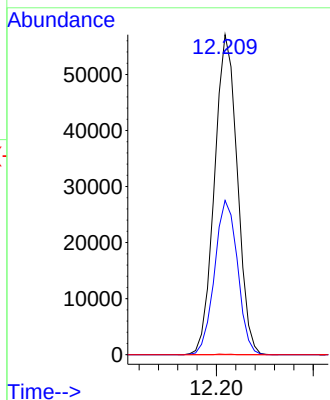
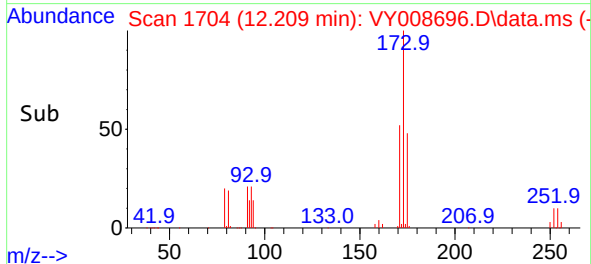
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



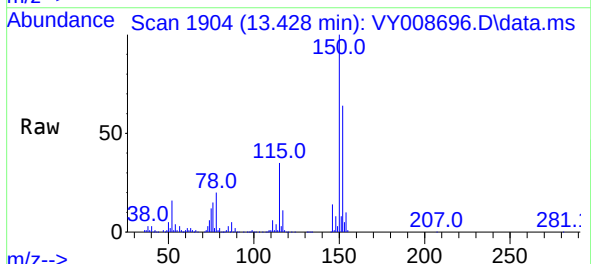
Tgt Ion:173 Resp: 93415
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

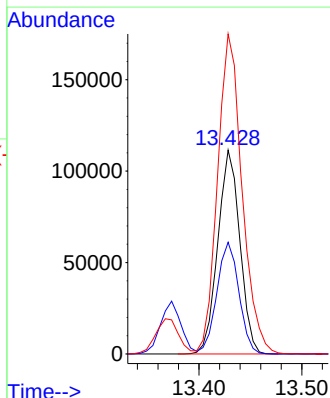
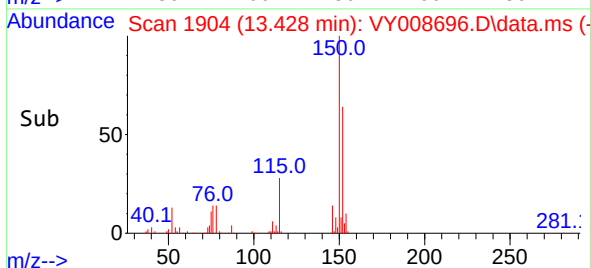
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

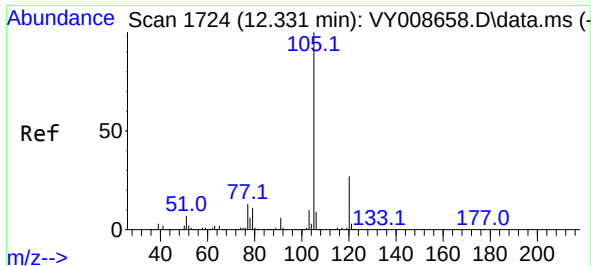


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



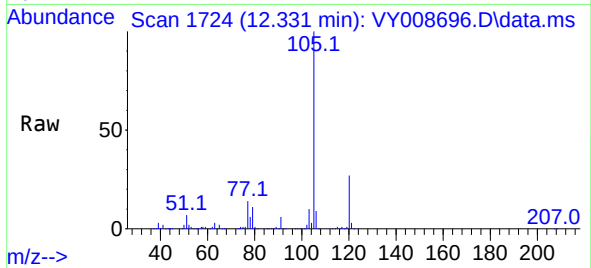
Tgt Ion:152 Resp: 165874
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 174.7 0.0 347.6





#73
Isopropylbenzene
Concen: 47.437 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

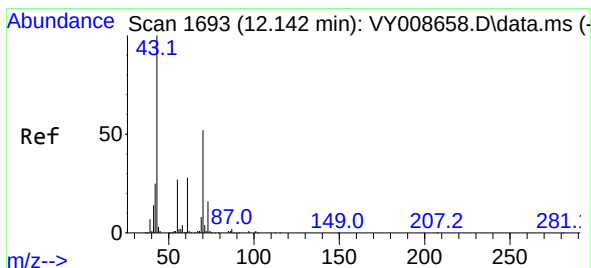
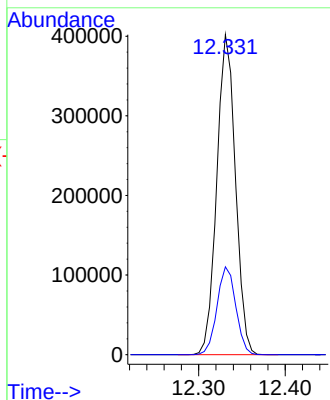
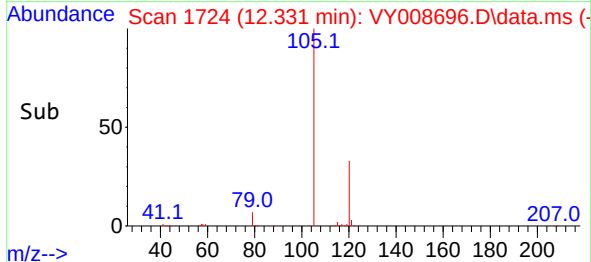
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



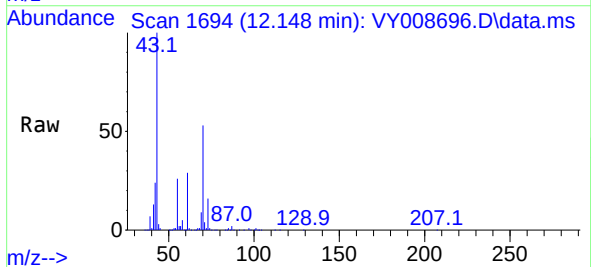
Tgt Ion:105 Resp: 601140
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

Manual Integrations
APPROVED

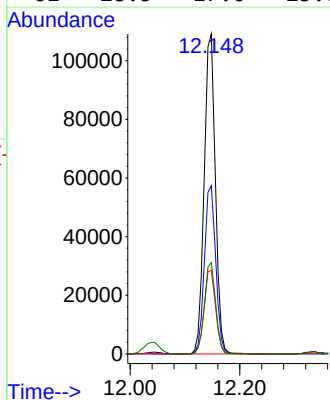
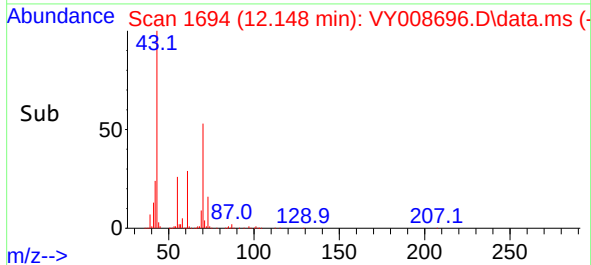
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

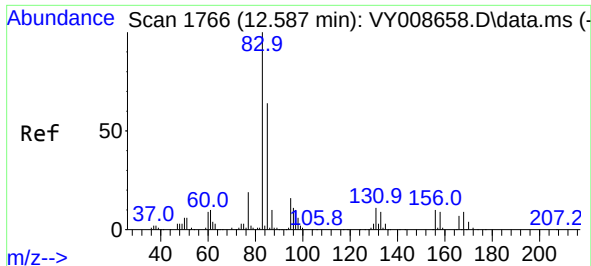


#74
N-ethyl acetate
Concen: 54.342 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion: 43 Resp: 154625
Ion Ratio Lower Upper
43 100
70 53.2 28.7 43.1#
55 27.1 17.3 25.9#
61 28.5 17.0 25.6#





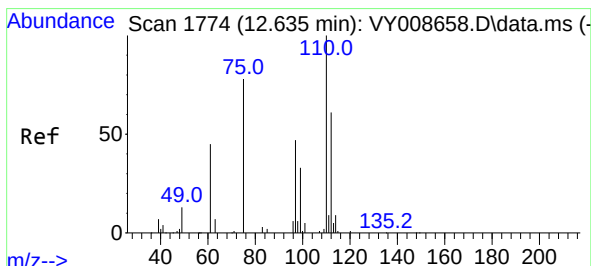
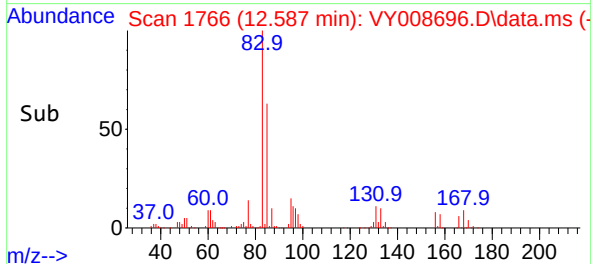
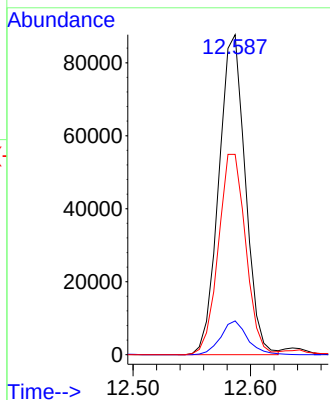
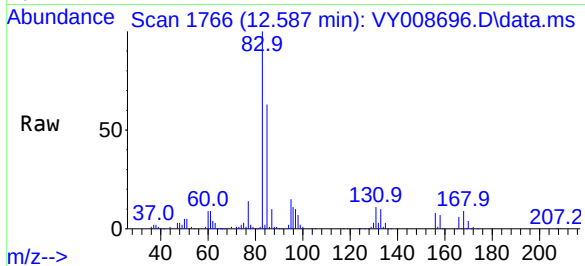
#75
1,1,2,2-Tetrachloroethane
Concen: 51.829 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13747
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 64.7 32.3 96.8

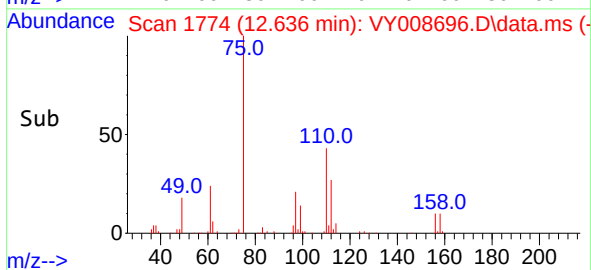
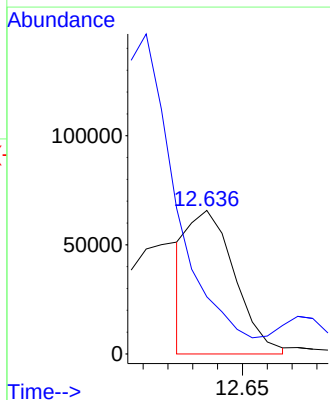
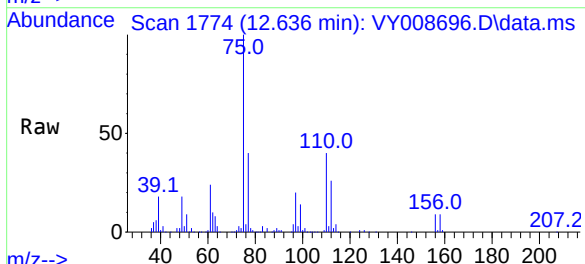
Manual Integrations
APPROVED

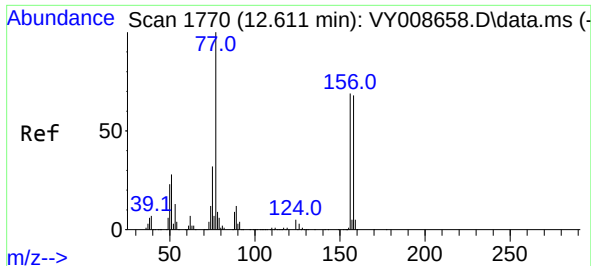
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#76
1,2,3-Trichloropropane
Concen: 46.325 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

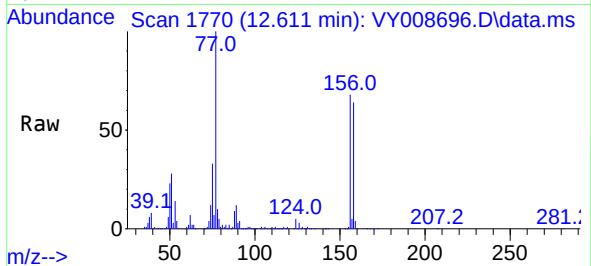
Tgt Ion: 75 Resp: 86621
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.216 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

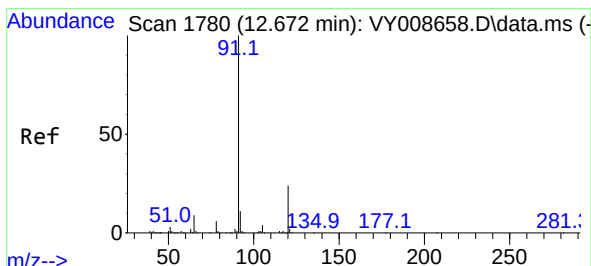
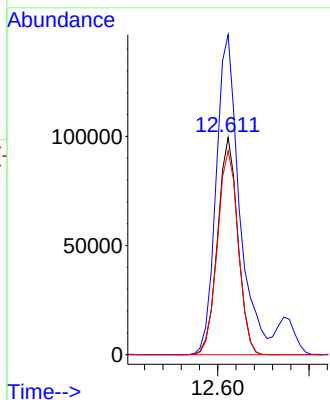
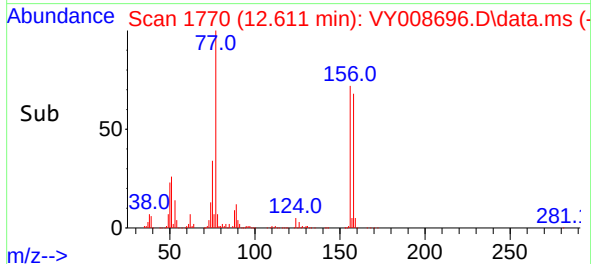
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



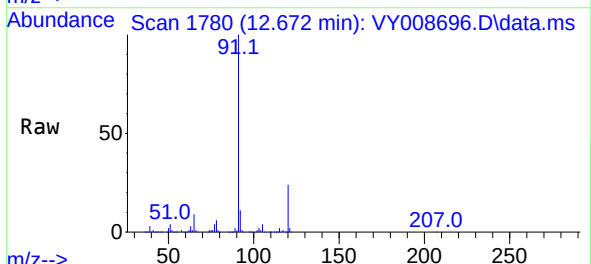
Tgt Ion:156 Resp: 15288
Ion Ratio Lower Upper
156 100
77 169.0 95.5 286.4
158 96.6 48.0 144.0

Manual Integrations
APPROVED

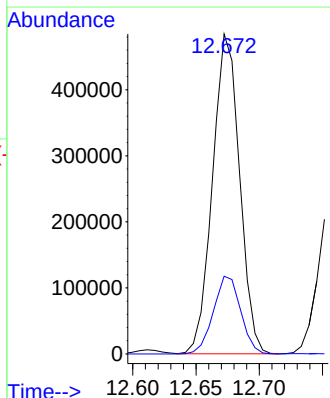
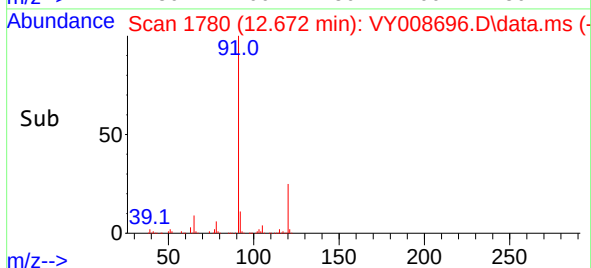
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

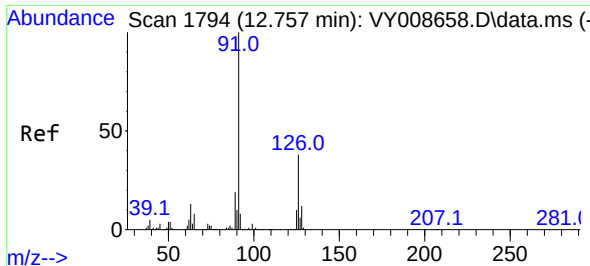


#78
n-propylbenzene
Concen: 47.698 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



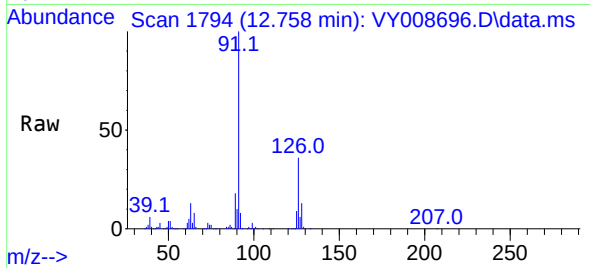
Tgt Ion: 91 Resp: 718662
Ion Ratio Lower Upper
91 100
120 24.5 11.3 33.9





#79
2-Chlorotoluene
Concen: 48.153 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

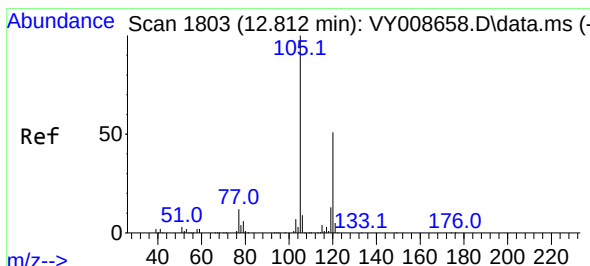
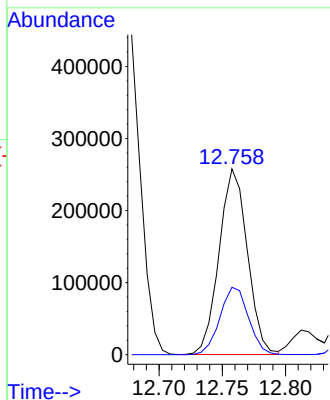
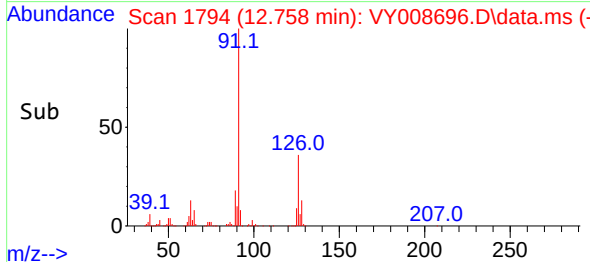
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



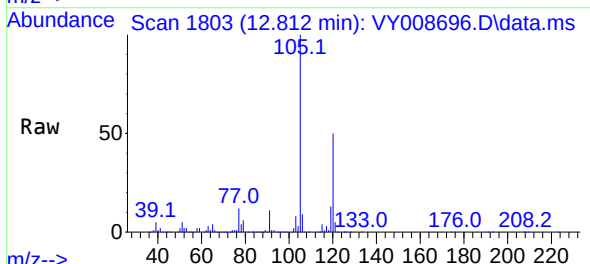
Tgt Ion: 91 Resp: 401370
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.6

Manual Integrations
APPROVED

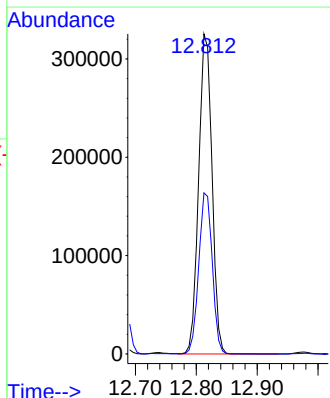
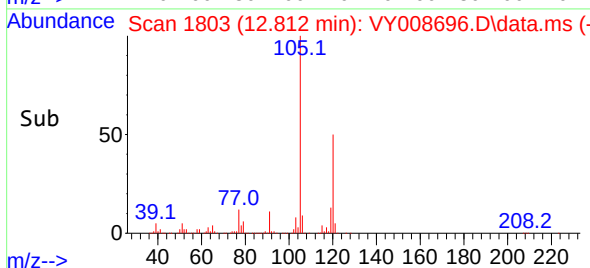
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

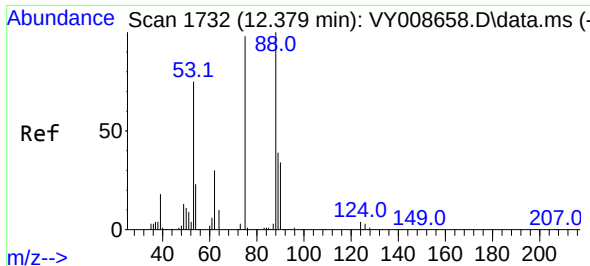


#80
1,3,5-Trimethylbenzene
Concen: 48.273 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion:105 Resp: 495471
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4





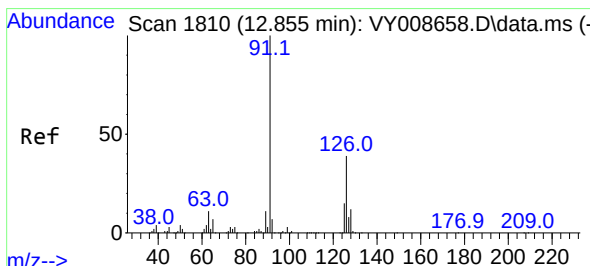
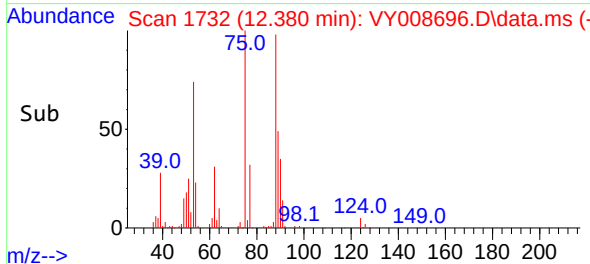
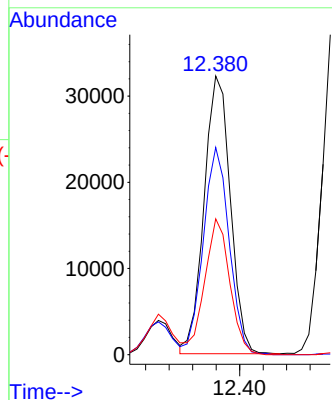
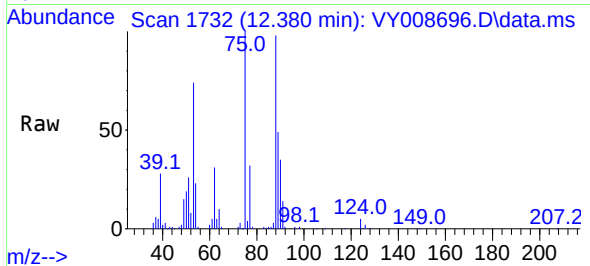
#81
trans-1,4-Dichloro-2-butene
Concen: 53.120 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49924
Ion Ratio Lower Upper
75 100
53 73.9 85.3 127.9
89 47.4 37.0 55.4

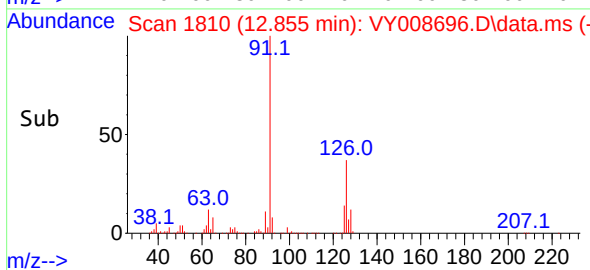
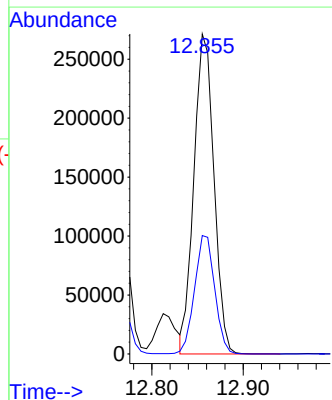
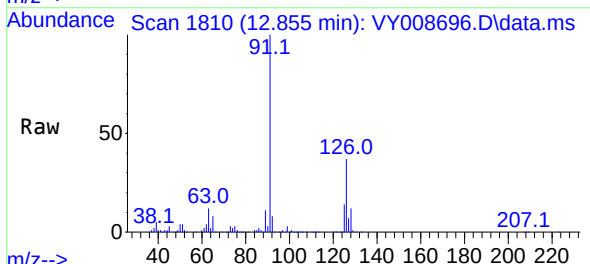
Manual Integrations
APPROVED

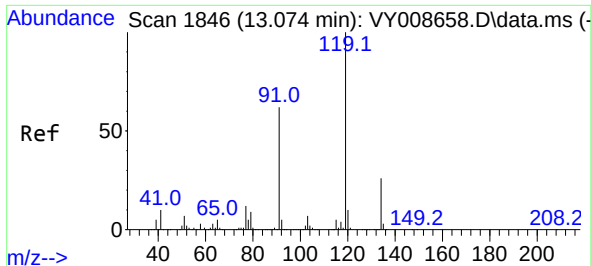
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#82
4-Chlorotoluene
Concen: 47.910 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion: 91 Resp: 414127
Ion Ratio Lower Upper
91 100
126 37.4 17.0 51.0





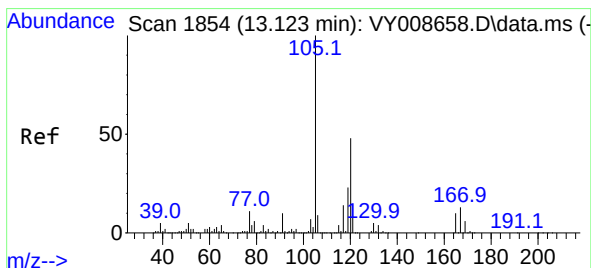
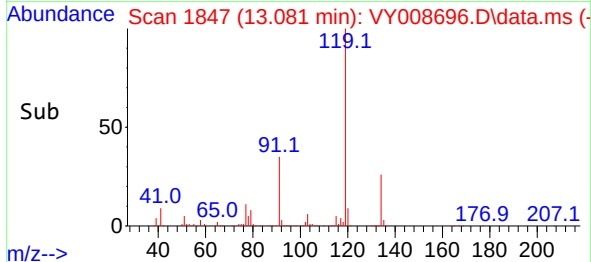
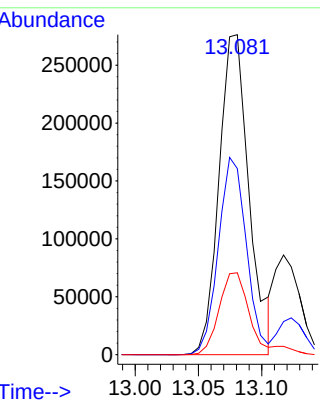
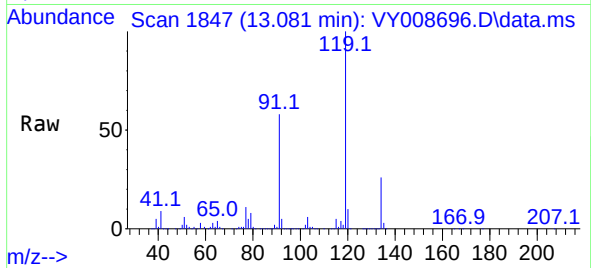
#83
tert-Butylbenzene
Concen: 49.666 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 457307
Ion Ratio Lower Upper
119 100
91 57.7 34.8 104.4
134 26.9 13.3 39.9

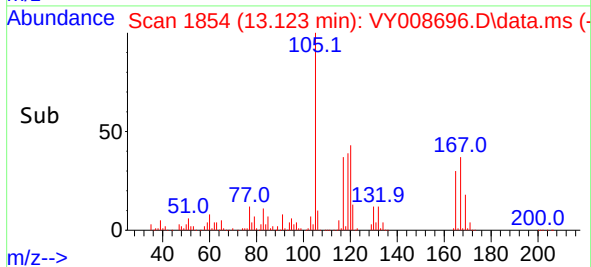
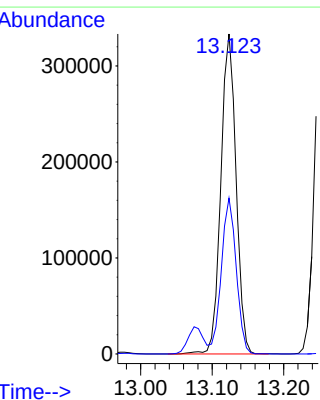
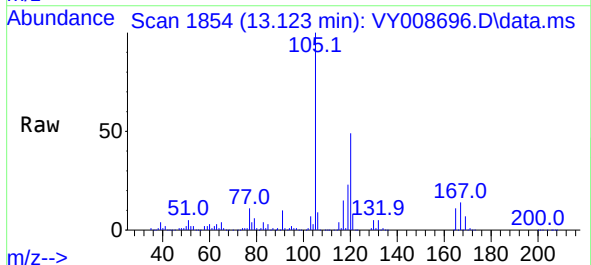
Manual Integrations
APPROVED

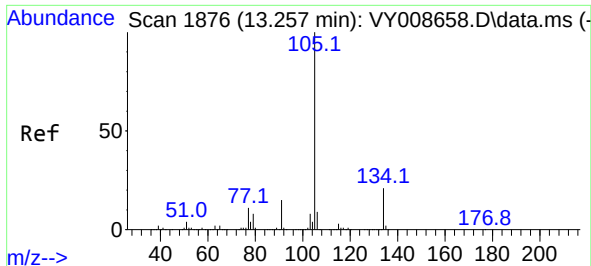
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.510 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion:105 Resp: 491707
Ion Ratio Lower Upper
105 100
120 47.9 22.3 66.9





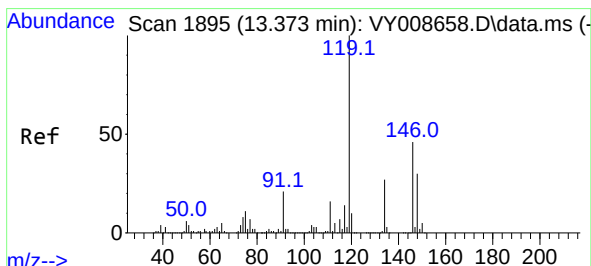
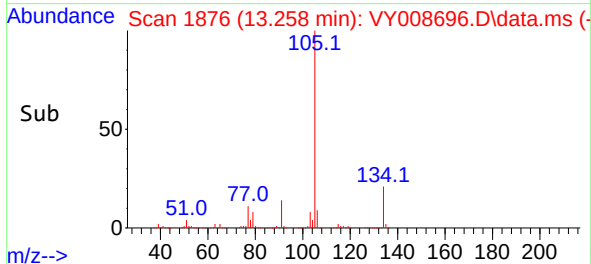
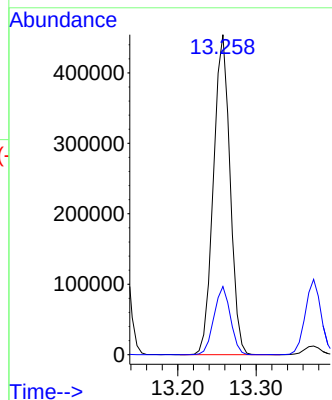
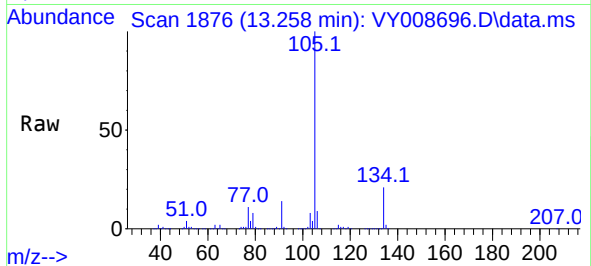
#85
 sec-Butylbenzene
 Concen: 49.089 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.001 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 66805
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

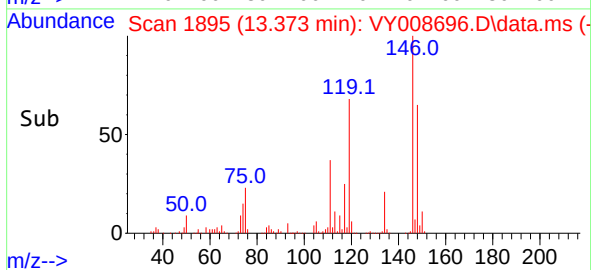
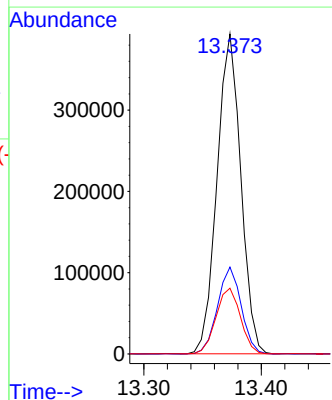
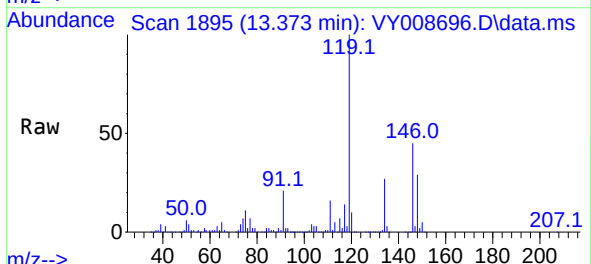
Manual Integrations
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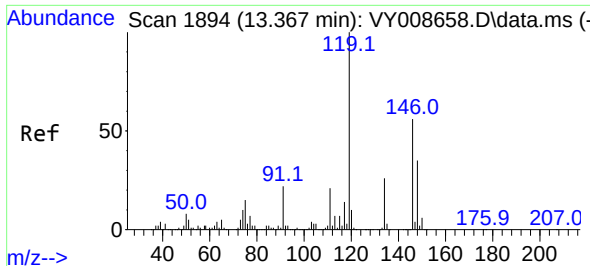
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#86
 p-Isopropyltoluene
 Concen: 48.983 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008696.D
 Acq: 11 May 2022 10:25

Tgt Ion:119 Resp: 553931
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 21.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.215 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 295720

Ion Ratio Lower Upper

146 100

111 37.3 19.5 58.5

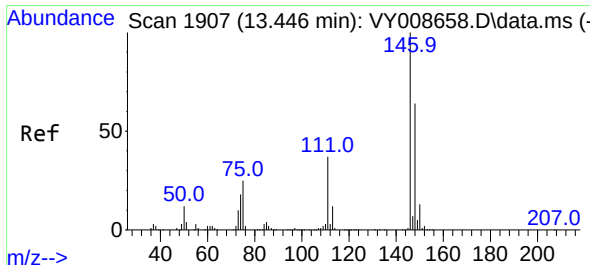
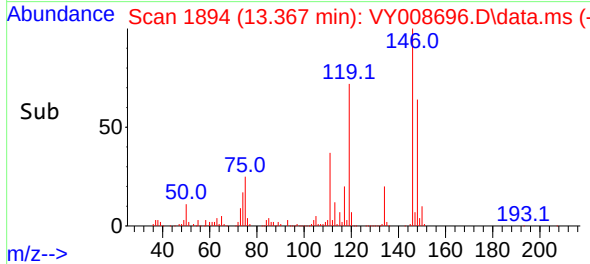
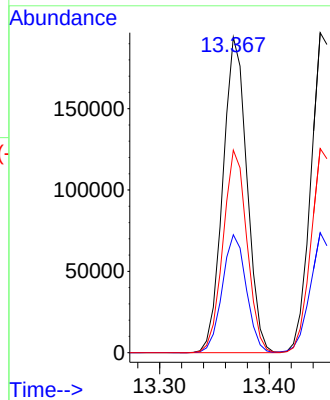
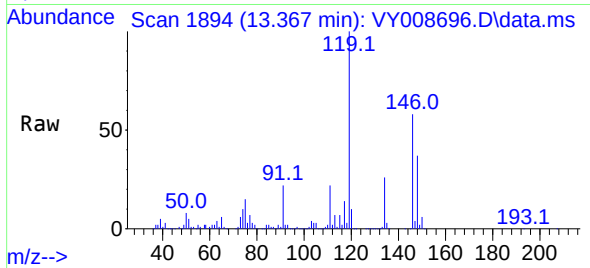
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#88

1,4-Dichlorobenzene

Concen: 48.577 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008696.D

Acq: 11 May 2022 10:25

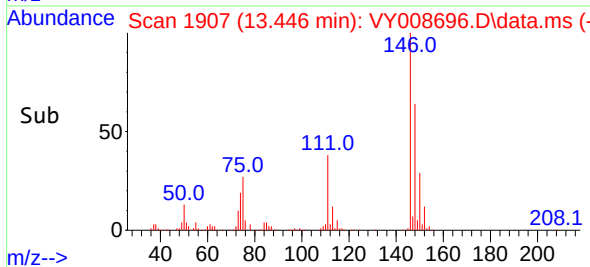
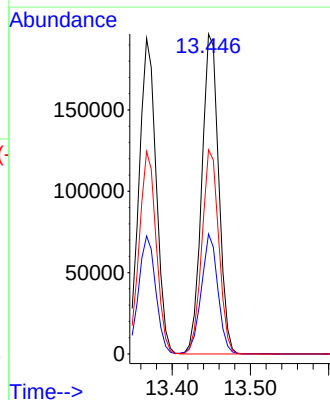
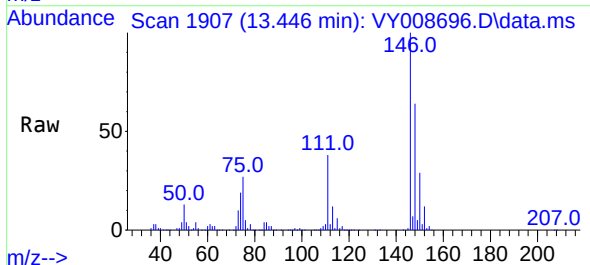
Tgt Ion:146 Resp: 295415

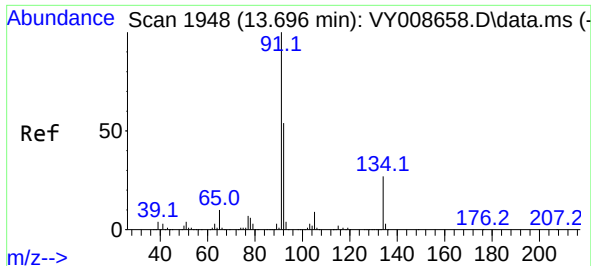
Ion Ratio Lower Upper

146 100

111 36.6 19.3 57.8

148 63.6 32.6 97.8





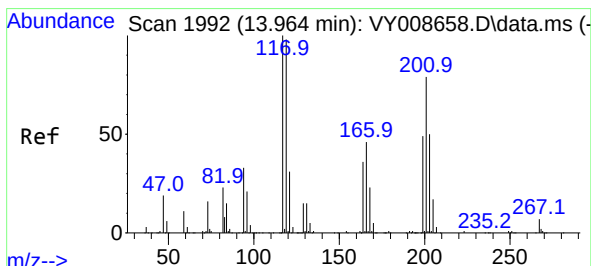
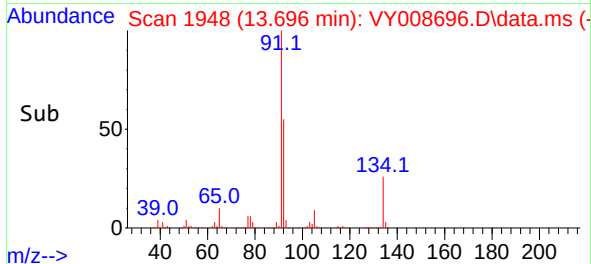
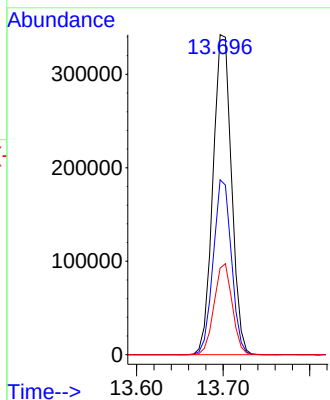
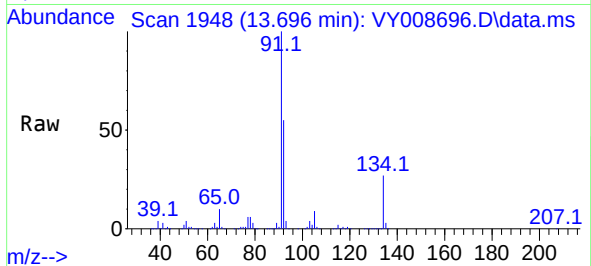
#89
n-Butylbenzene
Concen: 49.143 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 508610
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 27.8 13.0 38.9

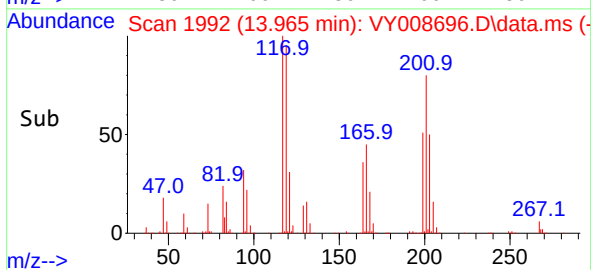
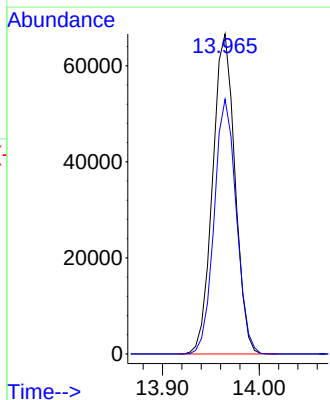
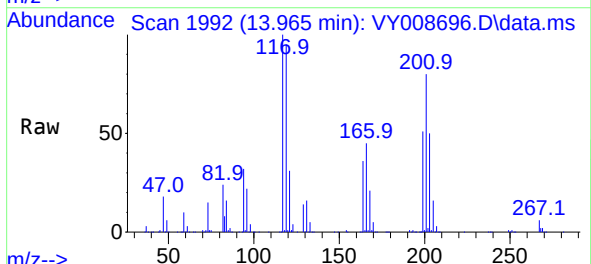
Manual Integrations
APPROVED

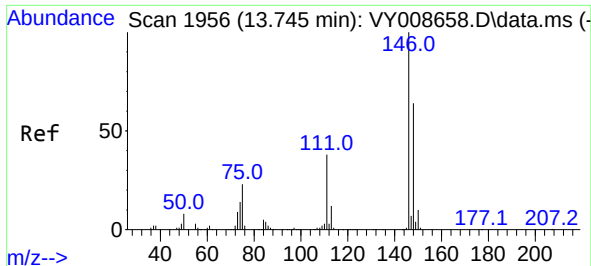
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#90
Hexachloroethane
Concen: 48.739 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion:117 Resp: 107015
Ion Ratio Lower Upper
117 100
201 78.8 43.0 128.8





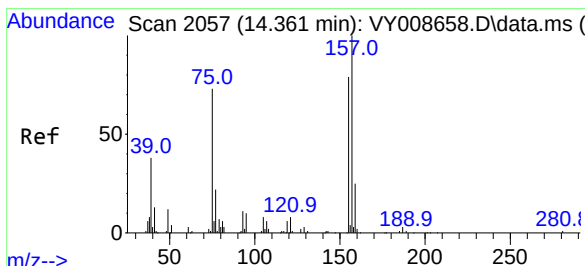
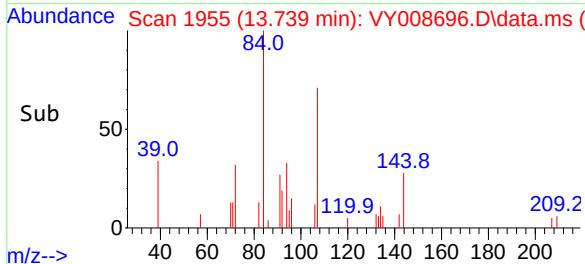
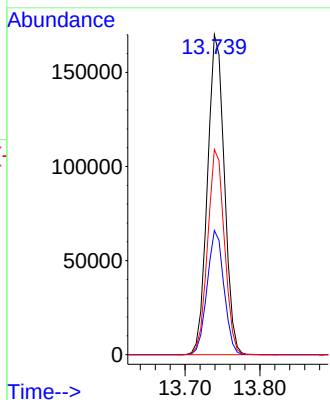
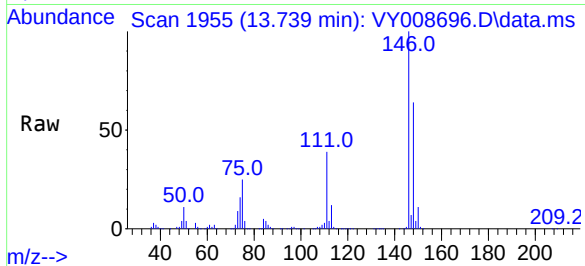
#91
1,2-Dichlorobenzene
Concen: 48.999 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 26656
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 63.9 32.3 96.9

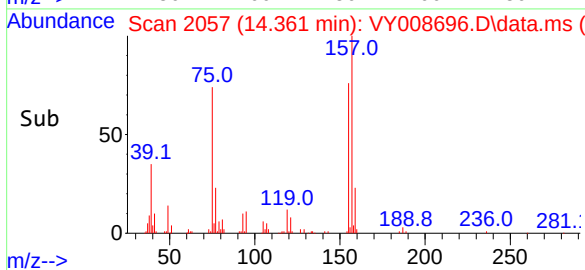
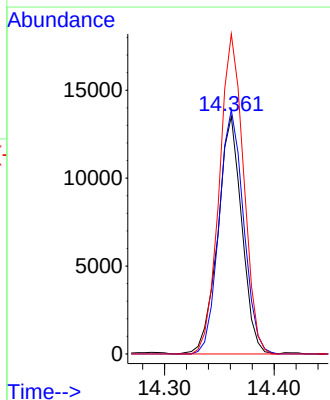
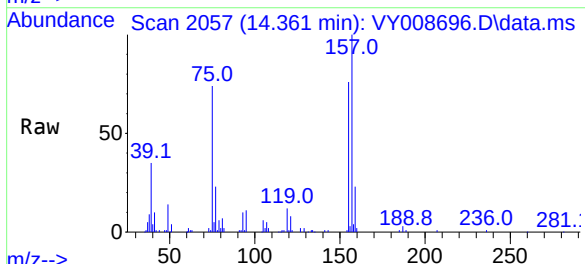
Manual Integrations
APPROVED

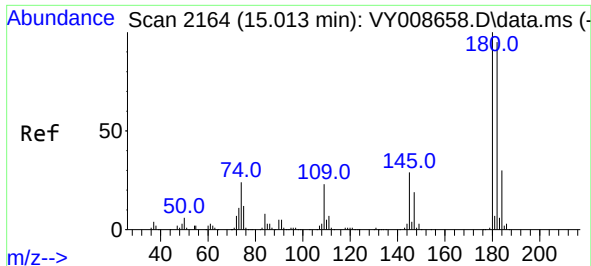
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.267 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Tgt Ion: 75 Resp: 20519
Ion Ratio Lower Upper
75 100
155 104.7 38.0 113.9
157 136.3 47.8 143.3





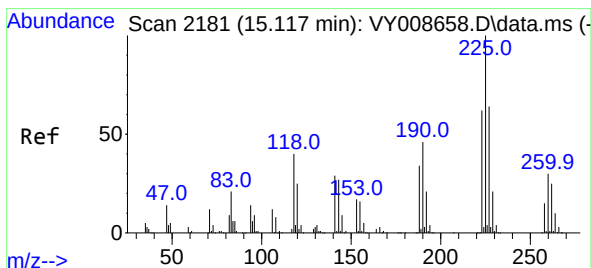
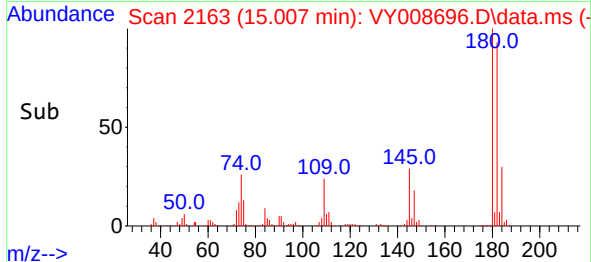
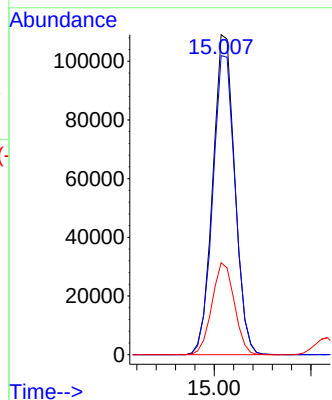
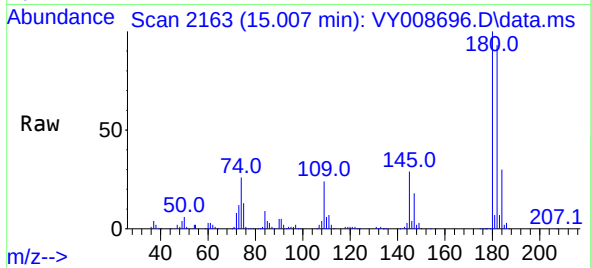
#93
1,2,4-Trichlorobenzene
Concen: 49.564 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 172250
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 29.2 14.6 43.8

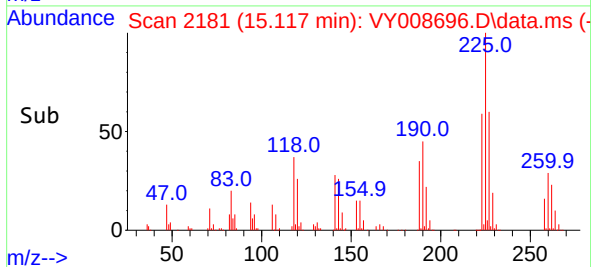
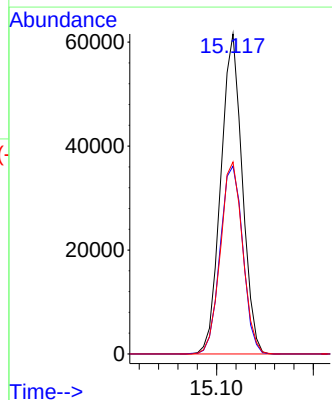
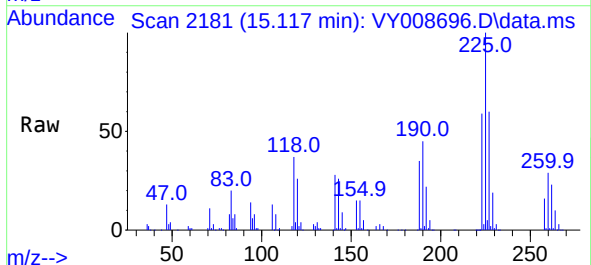
Manual Integrations
APPROVED

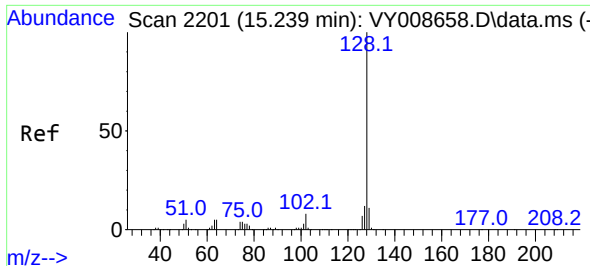
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#94
Hexachlorobutadiene
Concen: 49.727 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

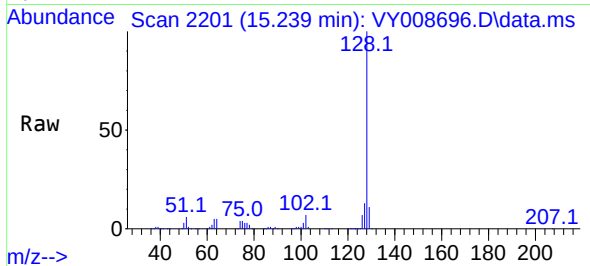
Tgt Ion:225 Resp: 94698
Ion Ratio Lower Upper
225 100
223 62.0 30.8 92.3
227 62.2 31.6 94.7





#95
Naphthalene
Concen: 53.447 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25

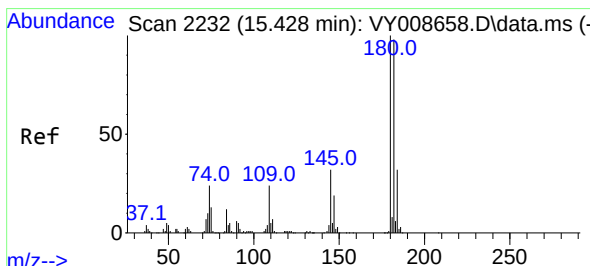
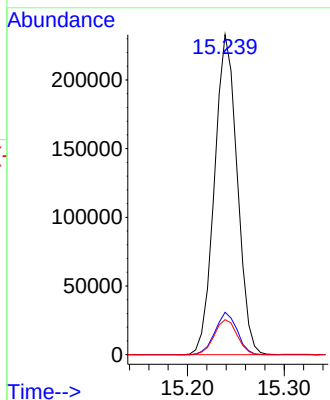
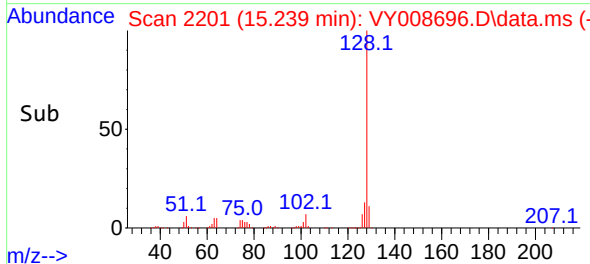
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



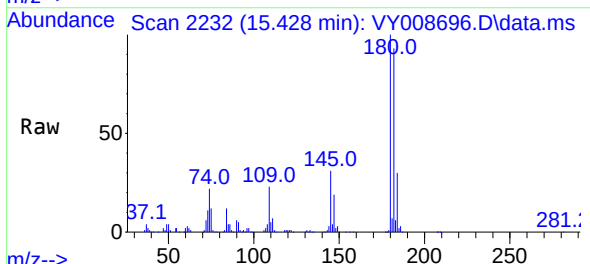
Tgt Ion:128 Resp: 38000
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.011 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008696.D
Acq: 11 May 2022 10:25



Tgt Ion:180 Resp: 156230
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 31.2 15.3 45.9

