

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007264.D
 Acq On : 24 Jan 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 00:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	148150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60364	48.700	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.400%		
35) Dibromofluoromethane	7.722	113	58646	51.990	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.980%		
50) Toluene-d8	10.185	98	213944	51.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.489	95	73759	50.307	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	14118	39.858	ug/l	97
3) Chloromethane	2.119	50	35390	47.644	ug/l	100
4) Vinyl Chloride	2.266	62	54228	50.160	ug/l	98
5) Bromomethane	2.668	94	37925	54.175	ug/l	96
6) Chloroethane	2.808	64	34623	51.328	ug/l	98
7) Trichlorofluoromethane	3.137	101	60619	52.028	ug/l	99
8) Diethyl Ether	3.528	74	32040	49.938	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	57075	50.279	ug/l	99
10) Methyl Iodide	4.101	142	84653	50.419	ug/l	98
11) Tert butyl alcohol	4.960	59	24416	230.647	ug/l	99
12) 1,1-Dichloroethene	3.881	96	56297	49.250	ug/l	99
13) Acrolein	3.735	56	6042	237.103	ug/l	100
14) Allyl chloride	4.485	41	85122	46.443	ug/l	95
15) Acrylonitrile	5.168	53	75607	245.198	ug/l	98
16) Acetone	3.954	43	69212	215.156	ug/l	99
17) Carbon Disulfide	4.204	76	150740	47.486	ug/l	100
18) Methyl Acetate	4.485	43	51499	44.992	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	115018	51.110	ug/l	100
20) Methylene Chloride	4.722	84	61897	46.533	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	60768	49.036	ug/l	96
22) Diisopropyl ether	6.125	45	183947	49.539	ug/l	98
23) Vinyl Acetate	6.064	43	545648	249.878	ug/l	99
24) 1,1-Dichloroethane	6.027	63	111645	49.428	ug/l	96
25) 2-Butanone	6.990	43	92915	223.405	ug/l	99
26) 2,2-Dichloropropane	6.984	77	85000	51.635	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	70796	50.362	ug/l	98
28) Bromochloromethane	7.338	49	44035	53.896	ug/l	97
29) Tetrahydrofuran	7.350	42	63109	236.052	ug/l	99
30) Chloroform	7.515	83	125424	53.443	ug/l	100
31) Cyclohexane	7.789	56	96718	46.154	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	102580	51.137	ug/l	99
36) 1,1-Dichloropropene	7.923	75	91007	50.515	ug/l	100
37) Ethyl Acetate	7.082	43	43911	47.493	ug/l	97
38) Carbon Tetrachloride	7.911	117	97286	51.339	ug/l	99
39) Methylcyclohexane	9.191	83	110278	50.133	ug/l	98
40) Benzene	8.167	78	243922	50.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28647m	53.804	ug/l	
42) 1,2-Dichloroethane	8.246	62	76804	50.752	ug/l	99
43) Isopropyl Acetate	8.277	43	86827	48.263	ug/l	99
44) Trichloroethene	8.947	130	65396	50.287	ug/l	98
45) 1,2-Dichloropropane	9.222	63	61212	50.088	ug/l	97
46) Dibromomethane	9.313	93	36547	50.572	ug/l	97
47) Bromodichloromethane	9.502	83	92296	51.951	ug/l	99
48) Methyl methacrylate	9.295	41	37686	46.055	ug/l	95
49) 1,4-Dioxane	9.307	88	8216	1054.405	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	219726	240.877	ug/l	99
52) Toluene	10.252	92	155975	51.204	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	96371	51.386	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	108096	51.491	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	49373	50.368	ug/l	97
56) Ethyl methacrylate	10.514	69	69413	50.264	ug/l	99
57) 1,3-Dichloropropane	10.795	76	86786	50.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	143578	228.647	ug/l	98
59) 2-Hexanone	10.837	43	143335	231.534	ug/l	98
60) Dibromochloromethane	10.990	129	62634	51.978	ug/l	100
61) 1,2-Dibromoethane	11.093	107	48316	50.172	ug/l	98
64) Tetrachloroethene	10.727	164	53867	50.444	ug/l	96
65) Chlorobenzene	11.520	112	166164	51.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	61718	51.397	ug/l	99
67) Ethyl Benzene	11.599	91	311152	51.105	ug/l	97
68) m/p-Xylenes	11.709	106	231741	102.424	ug/l	100
69) o-Xylene	12.038	106	107563	50.482	ug/l	97
70) Styrene	12.050	104	186130	51.782	ug/l	99
71) Bromoform	12.215	173	35954	51.763	ug/l #	97
73) Isopropylbenzene	12.337	105	293284	51.407	ug/l	100
74) N-amyl acetate	12.148	43	75573	49.536	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	55521	50.047	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	39948m	53.038	ug/l	
77) Bromobenzene	12.611	156	64347	51.835	ug/l	99
78) n-propylbenzene	12.678	91	359458	50.826	ug/l	99
79) 2-Chlorotoluene	12.764	91	199460	50.725	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	239476	51.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	20215	49.135	ug/l #	95
82) 4-Chlorotoluene	12.861	91	209160	50.992	ug/l	100
83) tert-Butylbenzene	13.081	119	210062	51.897	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	236212	50.872	ug/l	99
85) sec-Butylbenzene	13.258	105	308679	50.975	ug/l	99
86) p-Isopropyltoluene	13.373	119	257220	51.689	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	124403	51.198	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	122575	50.168	ug/l	99
89) n-Butylbenzene	13.703	91	249017	50.822	ug/l	99
90) Hexachloroethane	13.965	117	50551	51.961	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	107413	49.683	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8901	46.455	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	66378	50.489	ug/l	99
94) Hexachlorobutadiene	15.117	225	34831	51.405	ug/l	98
95) Naphthalene	15.245	128	137388	49.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	56651	50.507	ug/l	98

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Response via : Initial Calibration

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

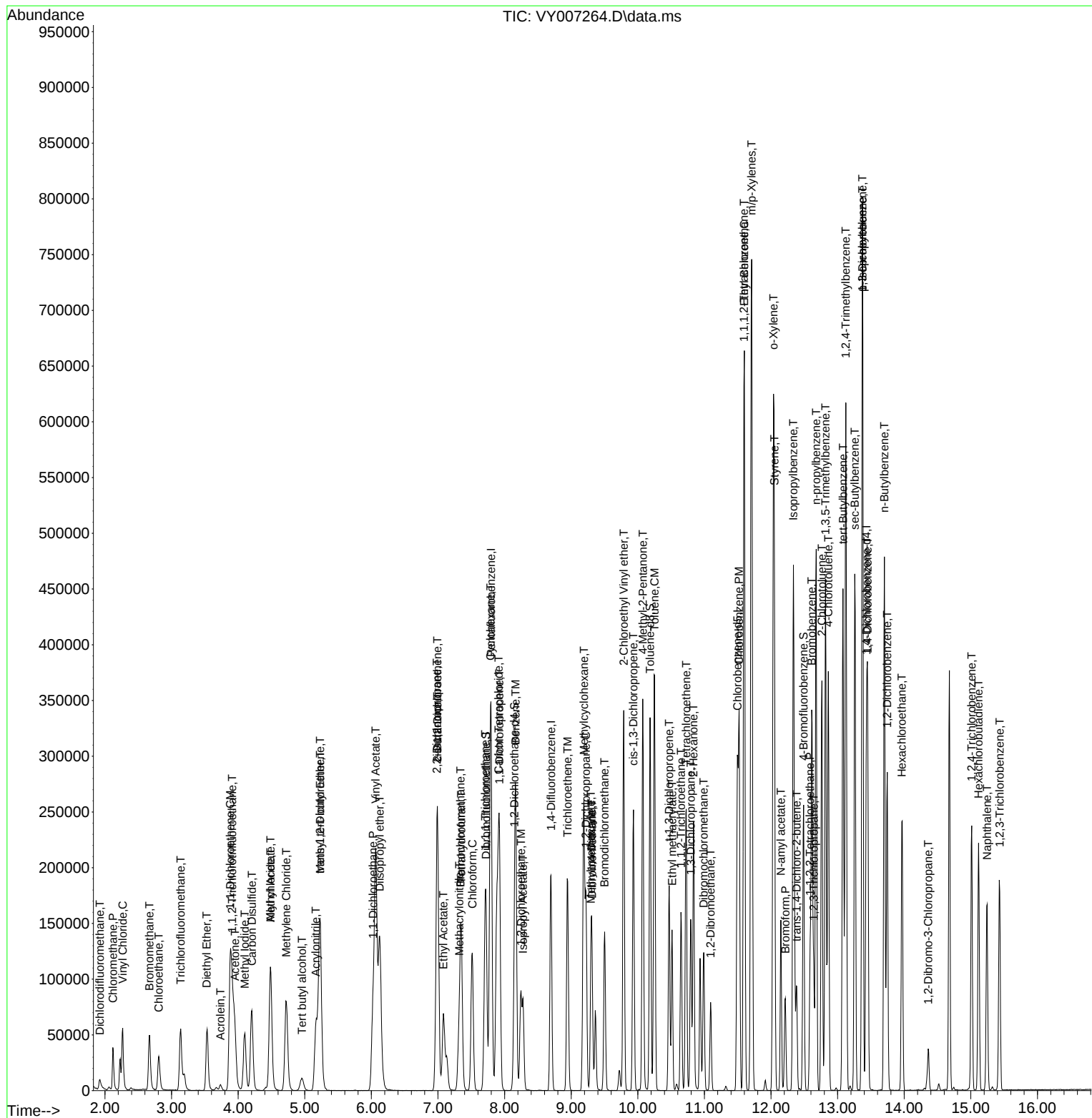
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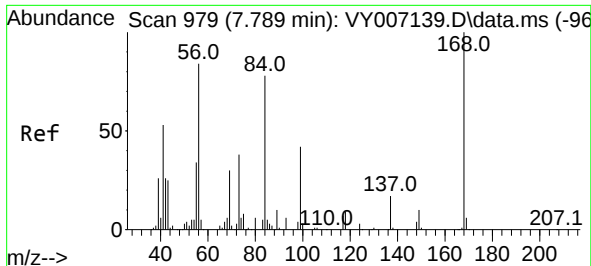
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Manual Integrations APPROVED

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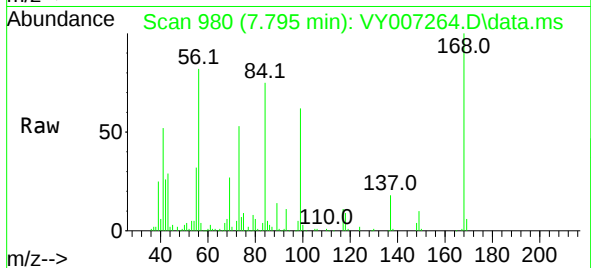
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007264.D
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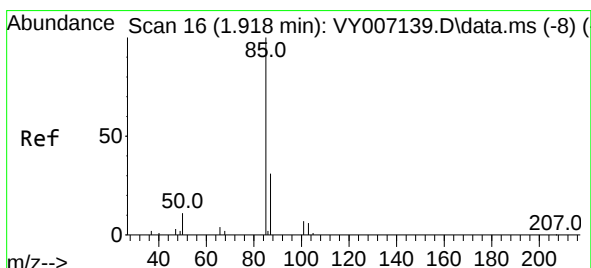
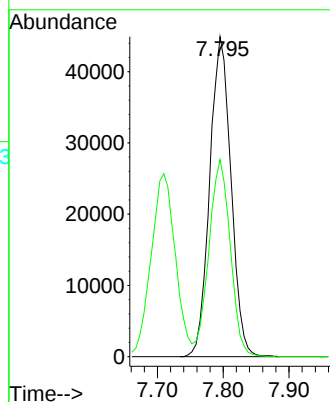
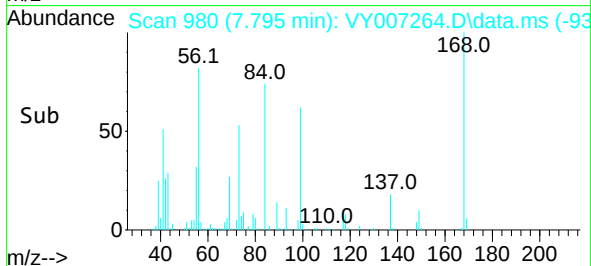
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 101018
Ion Ratio Lower Upper
168 100
99 61.6 49.1 73.7

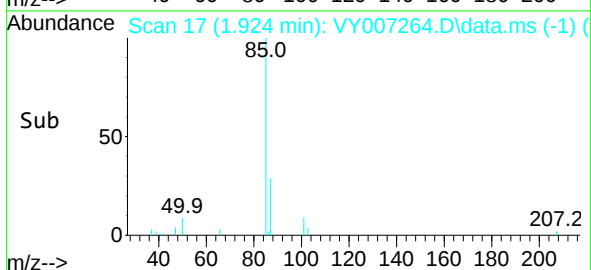
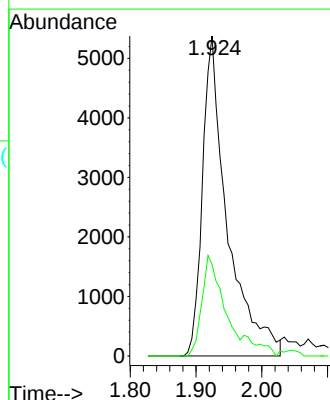
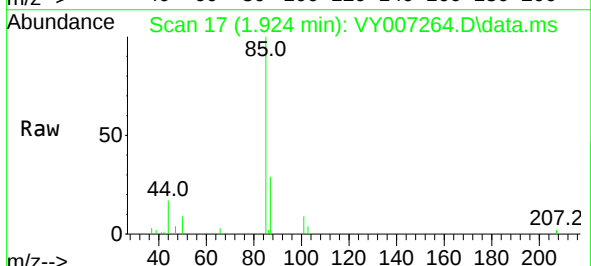
Manual Integrations
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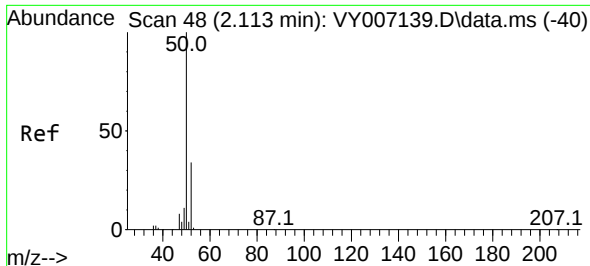
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#2
Dichlorodifluoromethane
Concen: 39.858 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

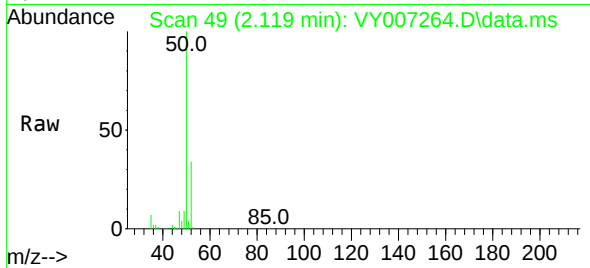
Tgt Ion: 85 Resp: 14118
Ion Ratio Lower Upper
85 100
87 28.6 15.2 45.6





#3
Chloromethane
Concen: 47.644 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

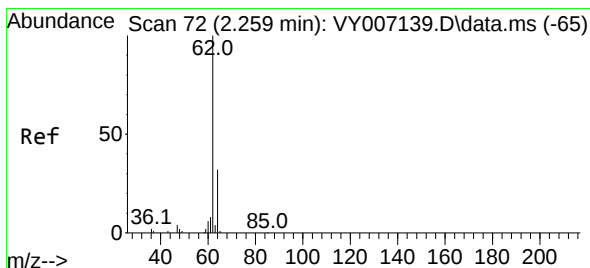
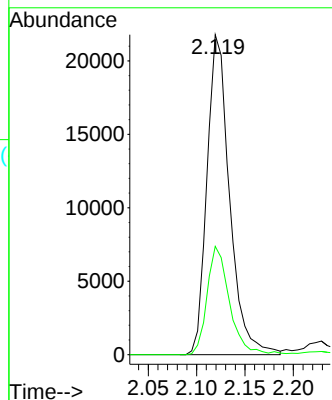
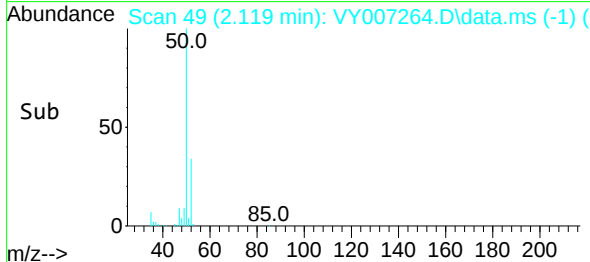
Instrument :
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Tgt Ion: 50 Resp: 35390
Ion Ratio Lower Upper
50 100
52 33.8 27.1 40.7

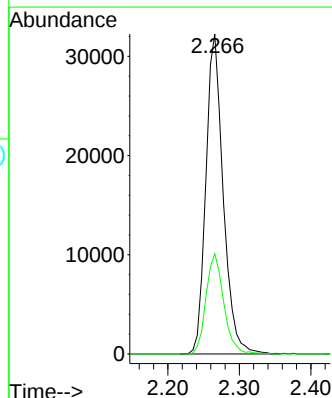
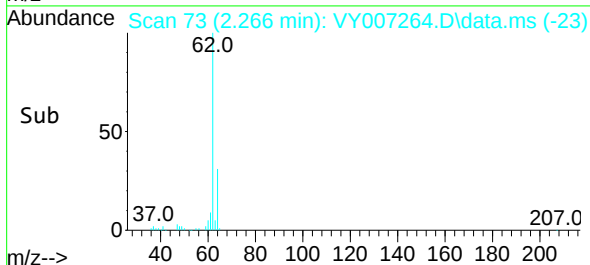
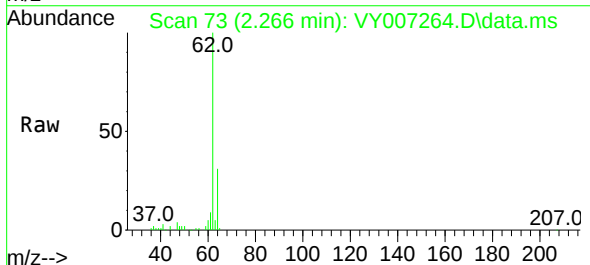
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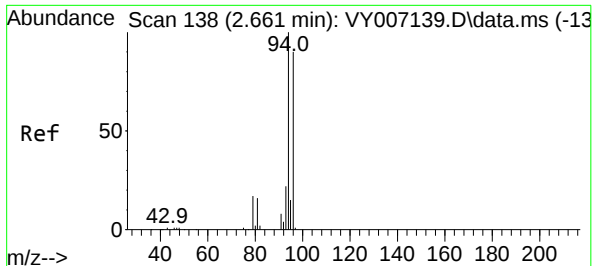
Reviewed By :John Carlone 01/25/2022
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#4
Vinyl Chloride
Concen: 50.160 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

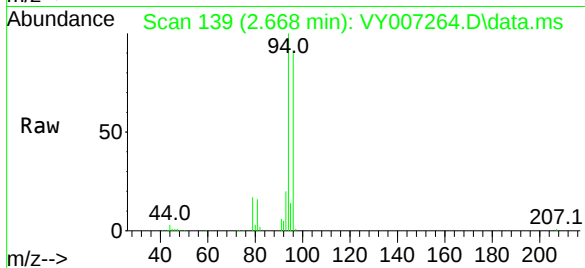
Tgt Ion: 62 Resp: 54228
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1





#5
Bromomethane
Concen: 54.175 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

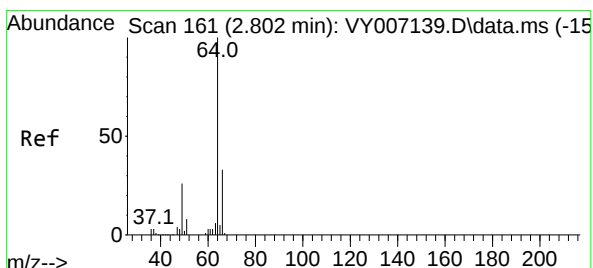
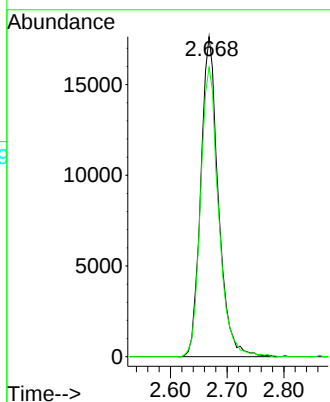
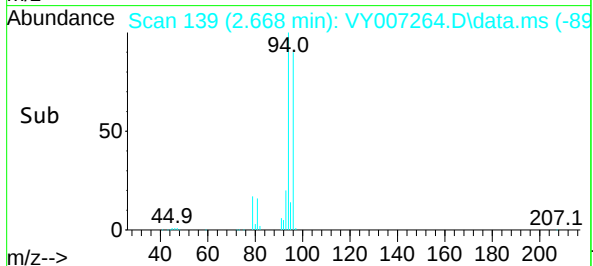
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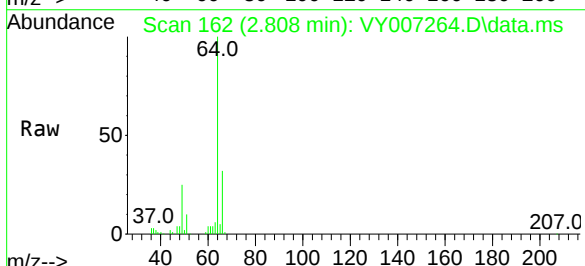
Tgt Ion: 94 Resp: 37925
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.6

Manual Integrations
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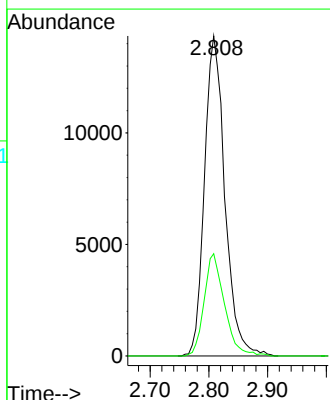
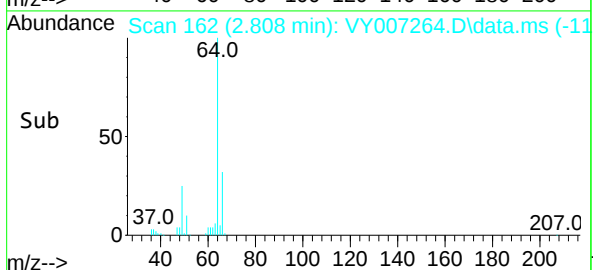
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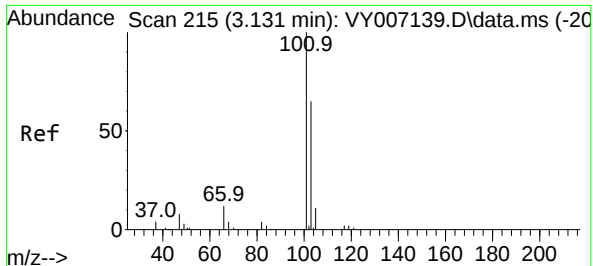


#6
Chloroethane
Concen: 51.328 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.007 min
Lab File: VY007264.D
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Tgt Ion: 64 Resp: 34623
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2





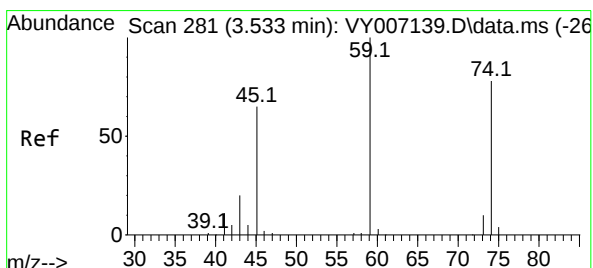
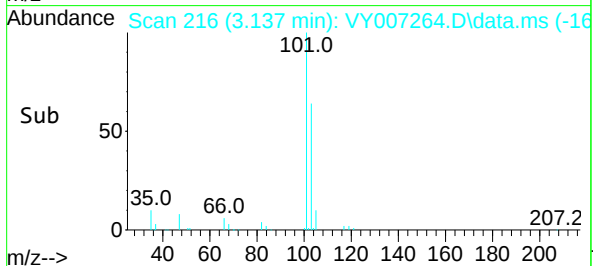
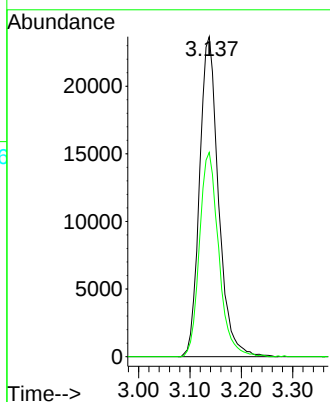
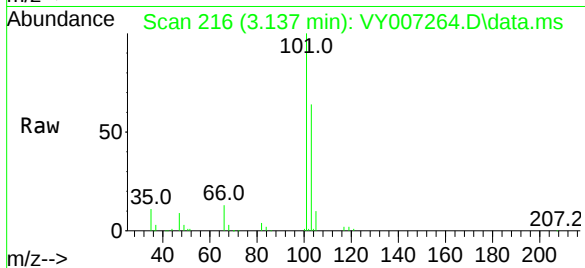
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 Trichlorofluoromethane
 Concen: 52.028 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

Instrument :
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Tgt Ion:101 Resp: 60619
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 76.0

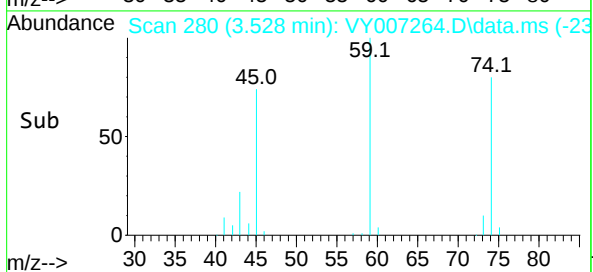
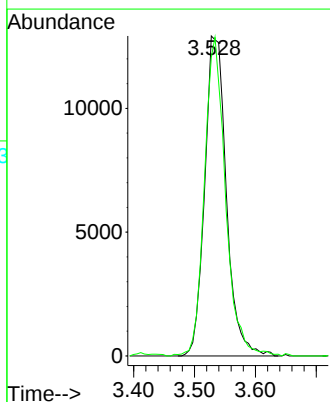
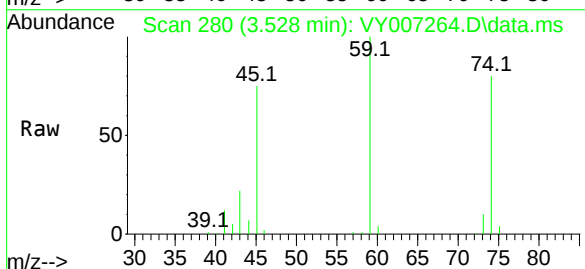
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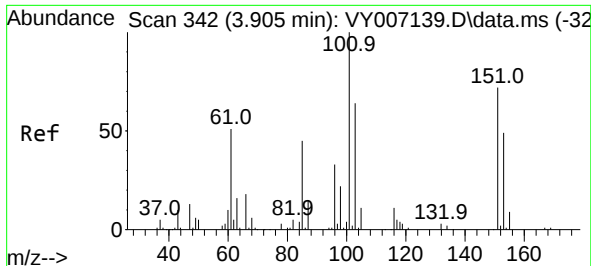
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#8
 Diethyl Ether
 Concen: 49.938 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

Tgt Ion: 74 Resp: 32040
 Ion Ratio Lower Upper
 74 100
 45 96.8 46.1 138.3





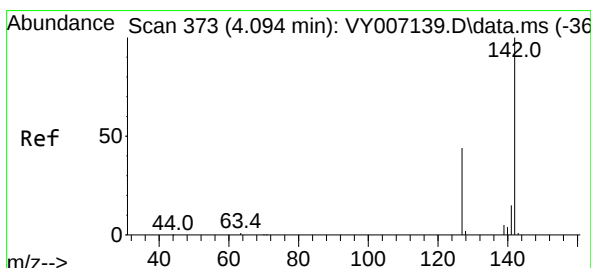
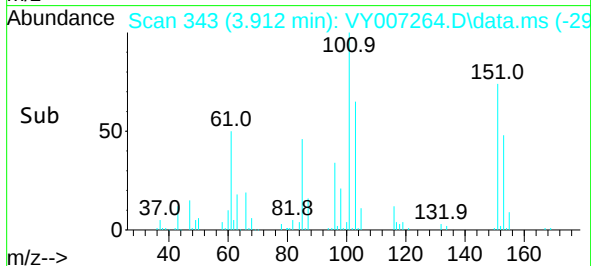
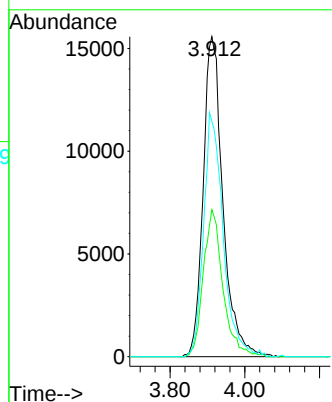
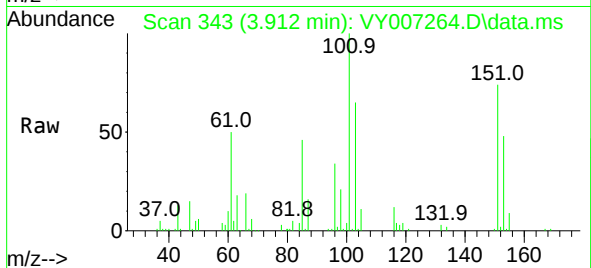
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.279 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 57079
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.0
151 75.0 60.4 90.6

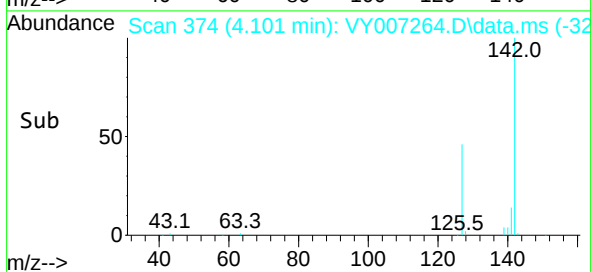
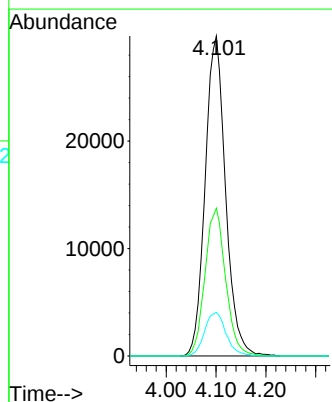
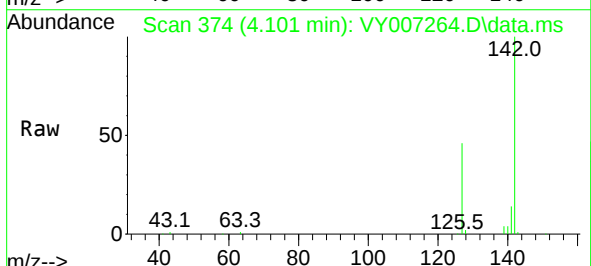
Manual Integrations
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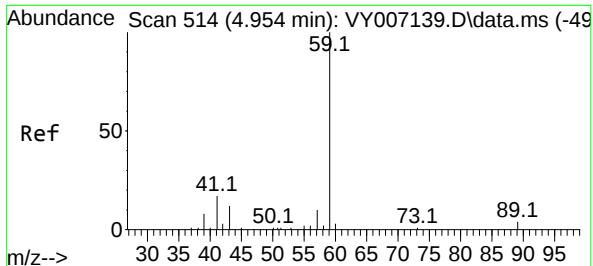
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#10
Methyl Iodide
Concen: 50.419 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Tgt Ion:142 Resp: 84653
Ion Ratio Lower Upper
142 100
127 46.7 36.2 54.4
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 230.647 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 24410

Ion Ratio Lower Upper

59 100

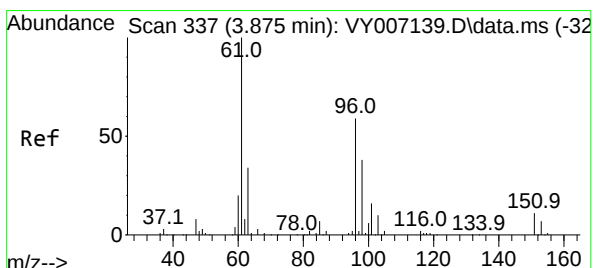
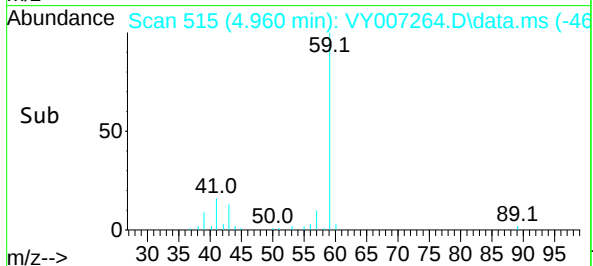
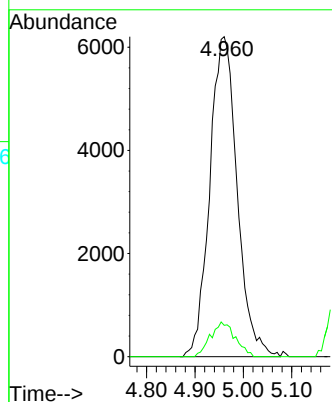
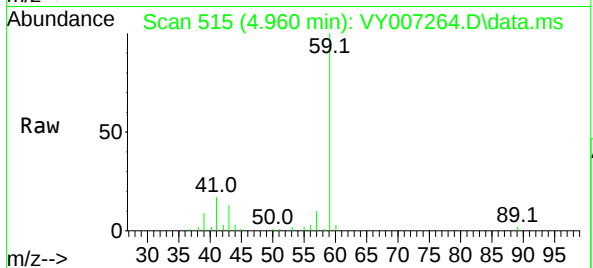
57 9.8 8.1 12.1

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APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#12

1,1-Dichloroethene

Concen: 49.250 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

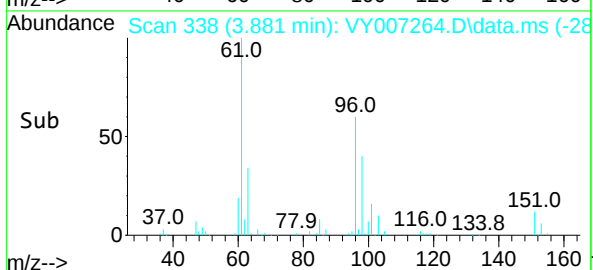
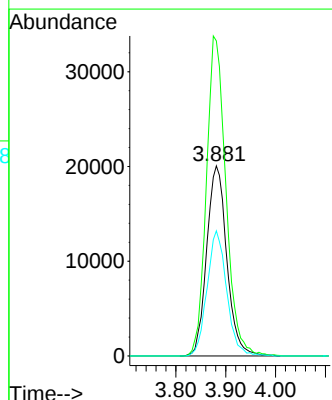
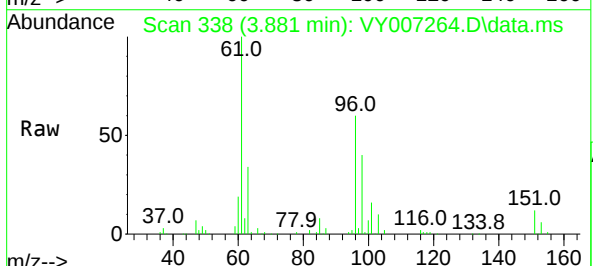
Tgt Ion: 96 Resp: 56297

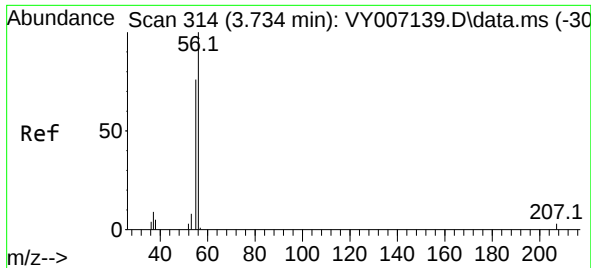
Ion Ratio Lower Upper

96 100

61 165.8 131.9 197.9

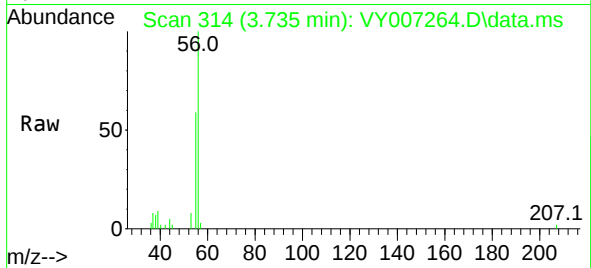
98 65.8 52.7 79.1





#13
Acrolein
Concen: 237.103 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

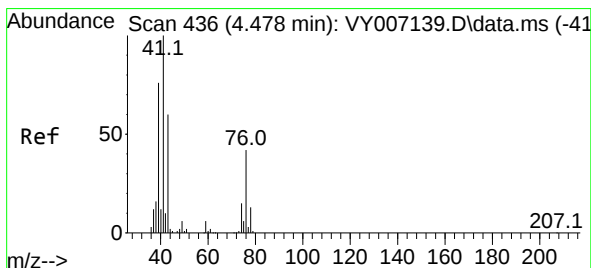
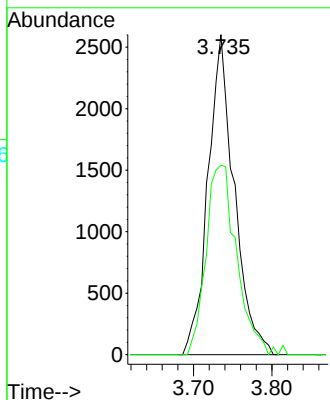
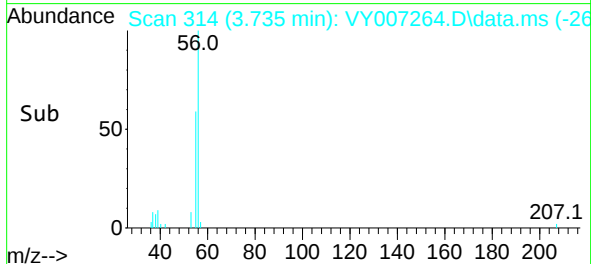
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



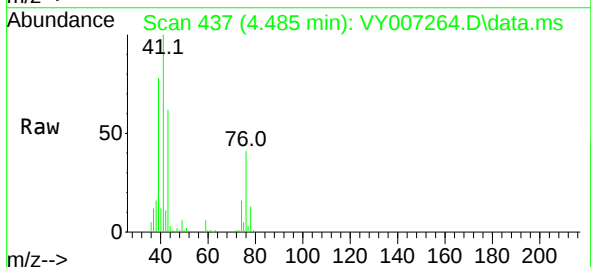
Tgt Ion: 56 Resp: 6042
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5

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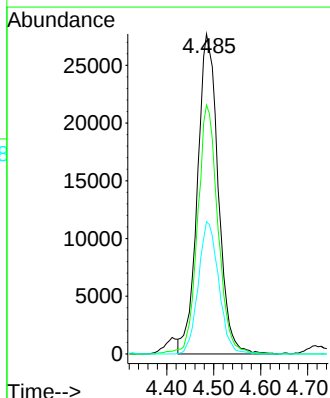
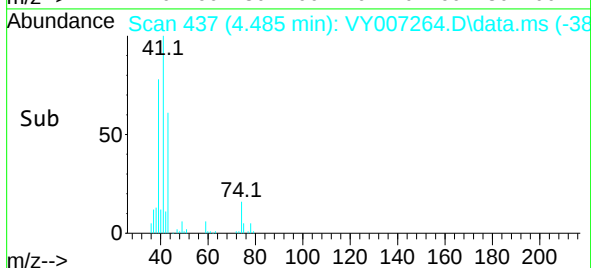
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

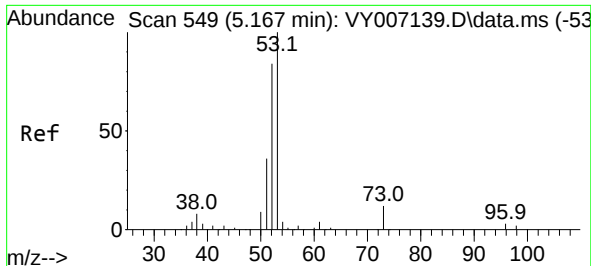


#14
Allyl chloride
Concen: 46.443 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 41 Resp: 85122
Ion Ratio Lower Upper
41 100
39 75.9 56.1 84.1
76 40.6 31.4 47.2





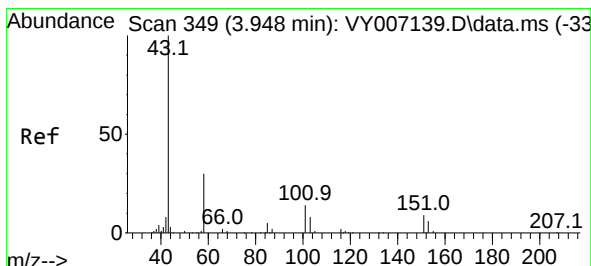
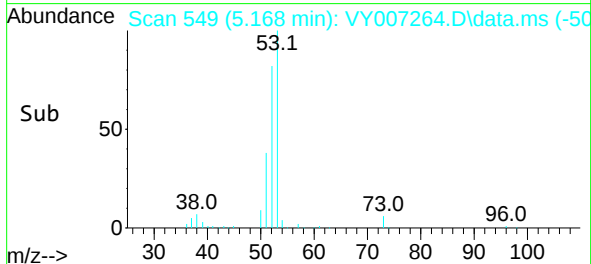
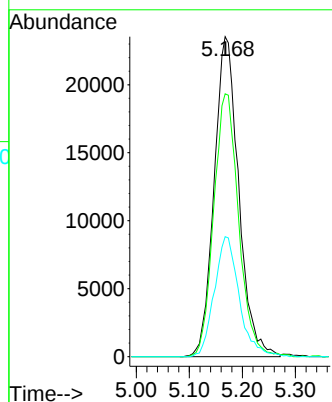
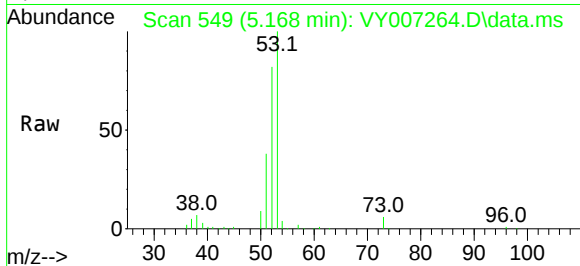
#15
Acrylonitrile
Concen: 245.198 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 7560
Ion Ratio Lower Upper
53 100
52 83.4 65.4 98.2
51 38.1 29.4 44.2

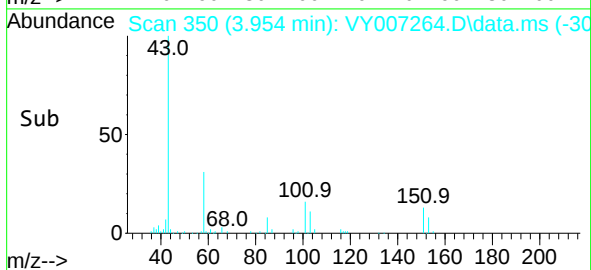
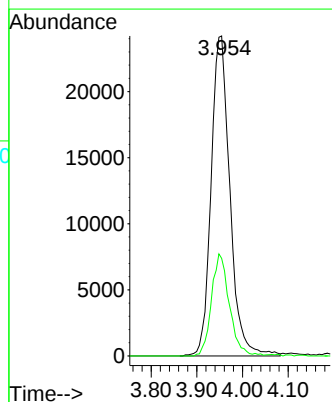
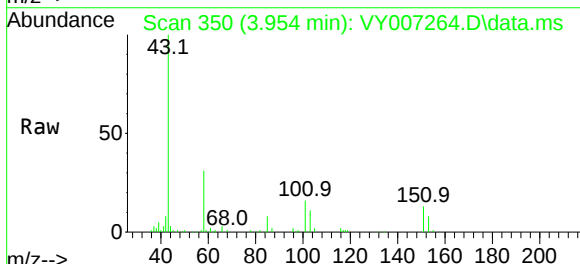
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#16
Acetone
Concen: 215.156 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

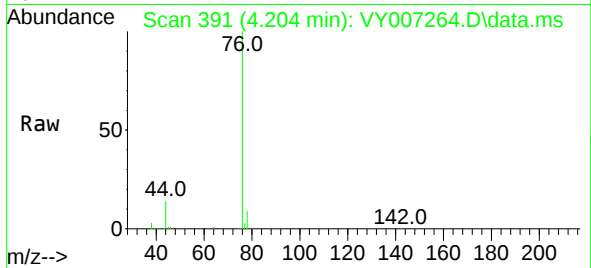
Tgt Ion: 43 Resp: 69212
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.6





#17
Carbon Disulfide
Concen: 47.486 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

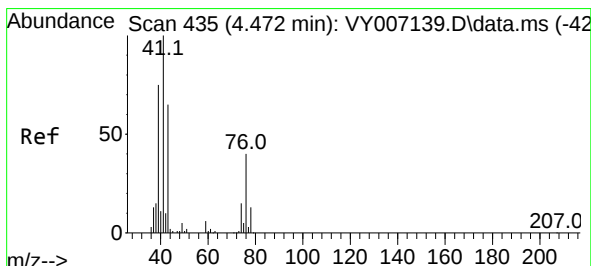
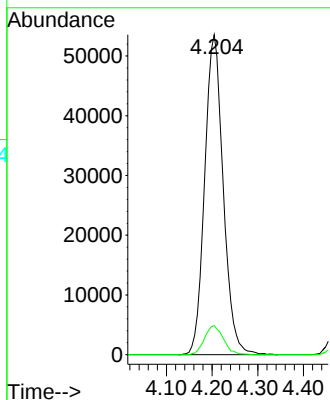
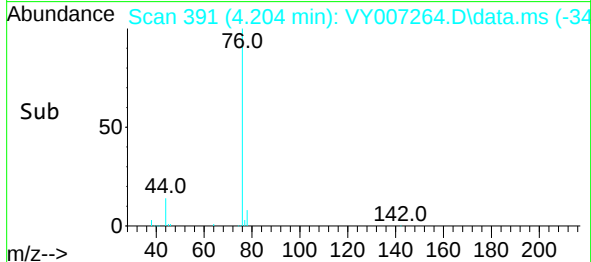
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



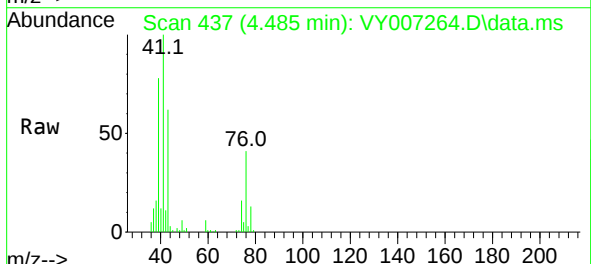
Tgt Ion: 76 Resp: 150740
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

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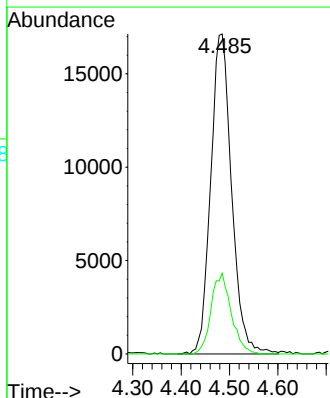
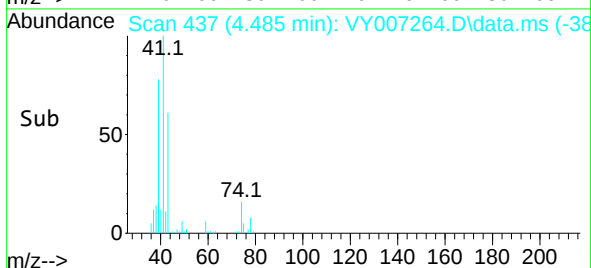
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#18
Methyl Acetate
Concen: 44.992 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



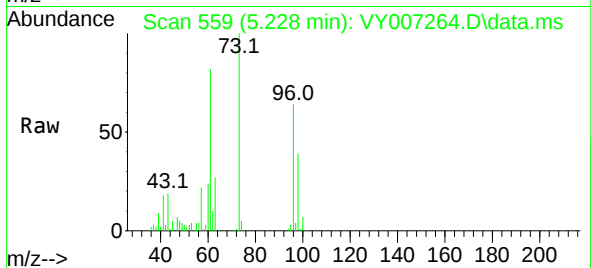
Tgt Ion: 43 Resp: 51499
Ion Ratio Lower Upper
43 100
74 24.2 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 51.110 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

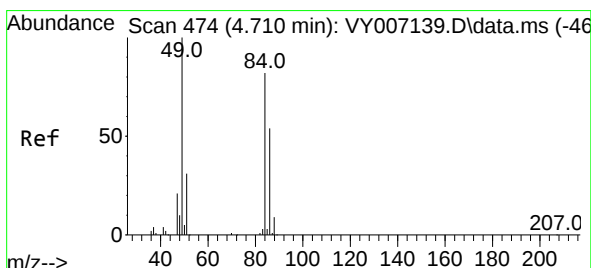
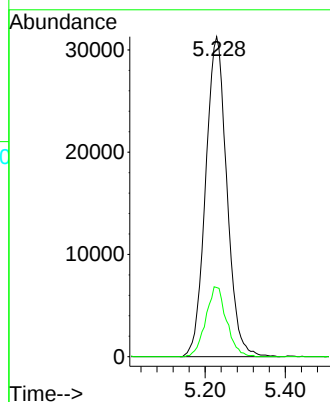
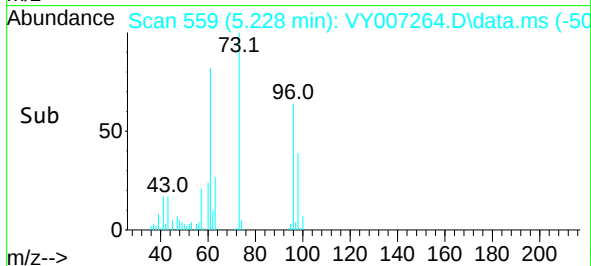
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



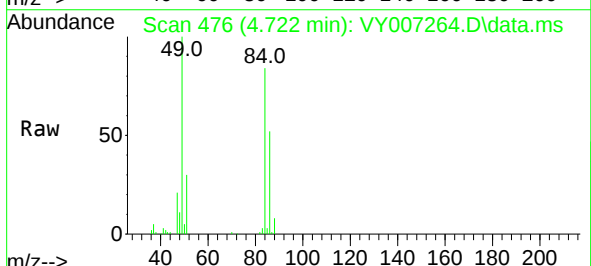
Tgt Ion: 73 Resp: 115018
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2

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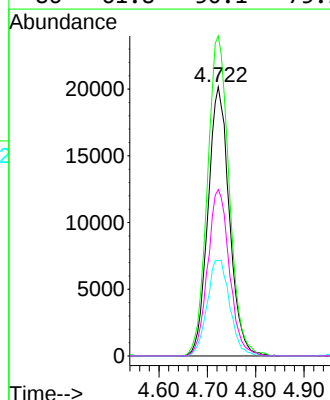
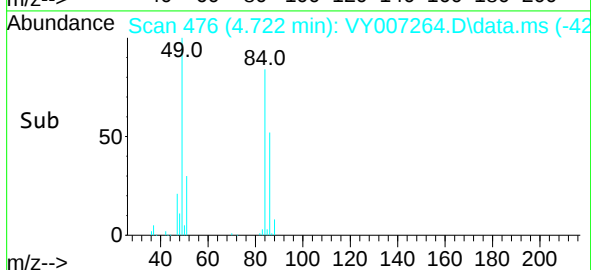
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

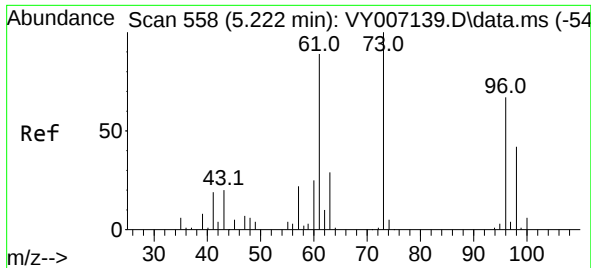


#20
Methylene Chloride
Concen: 46.533 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



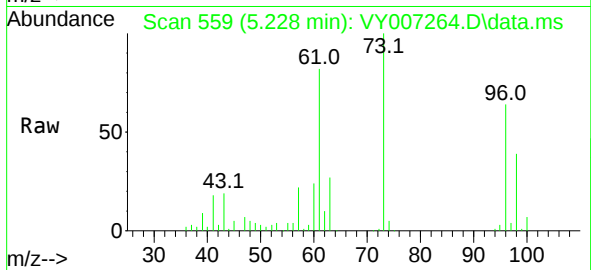
Tgt Ion: 84 Resp: 61897
Ion Ratio Lower Upper
84 100
49 118.9 92.6 139.0
51 35.4 28.6 42.8
86 61.8 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.036 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

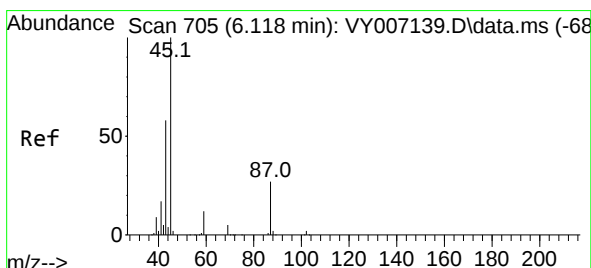
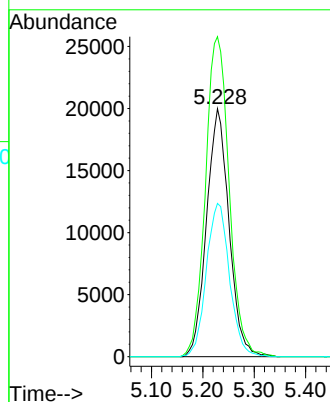
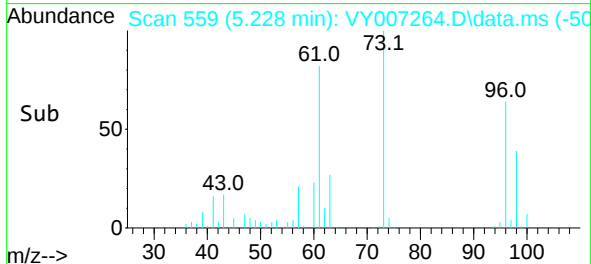
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



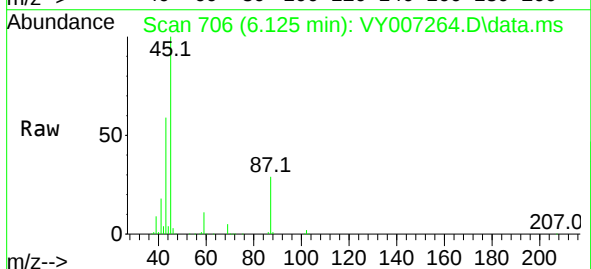
Tgt Ion: 96 Resp: 60768
Ion Ratio Lower Upper
96 100
61 129.0 107.3 160.9
98 61.8 52.4 78.6

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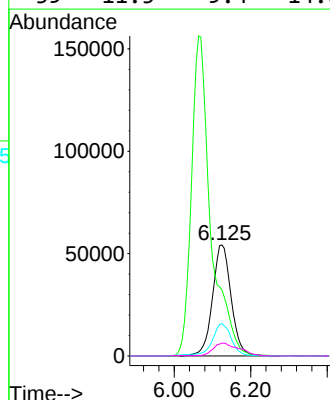
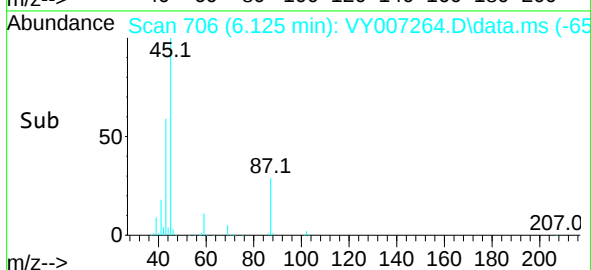
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

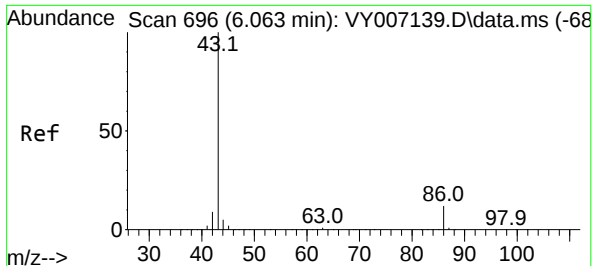


#22
Diisopropyl ether
Concen: 49.539 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



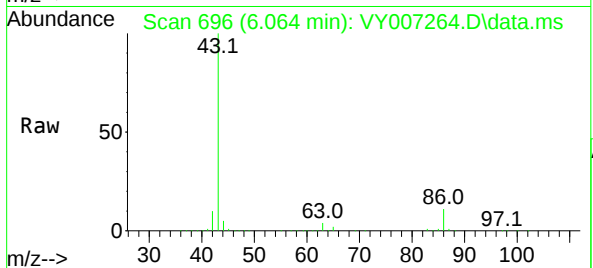
Tgt Ion: 45 Resp: 183947
Ion Ratio Lower Upper
45 100
43 58.9 45.6 68.4
87 29.1 22.2 33.2
59 11.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 249.878 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

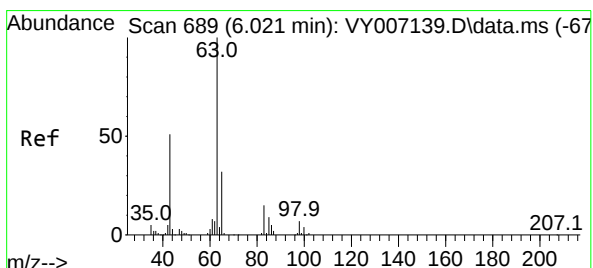
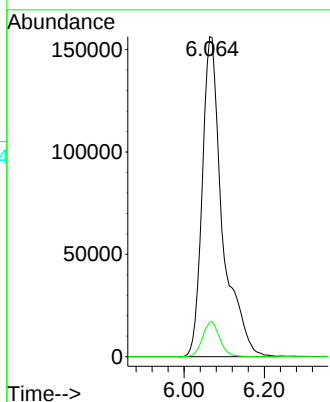
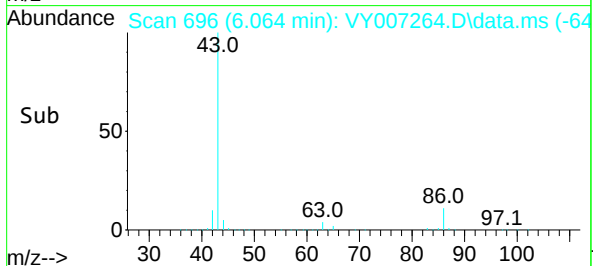
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



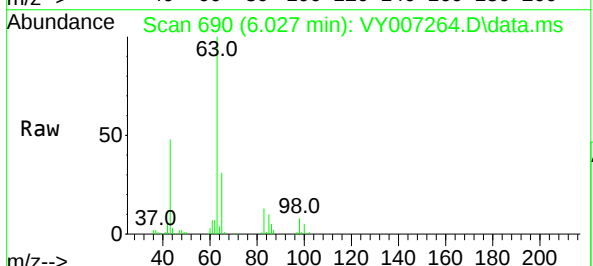
Tgt Ion: 43 Resp: 545648
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6

Manual Integrations
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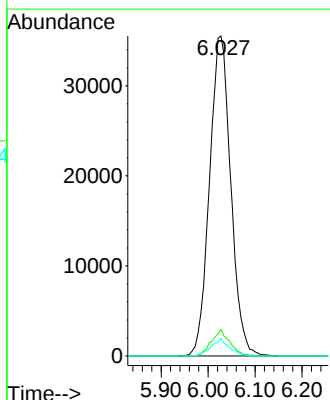
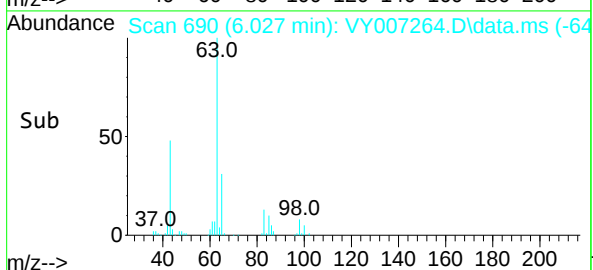
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#24
 1,1-Dichloroethane
 Concen: 49.428 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53



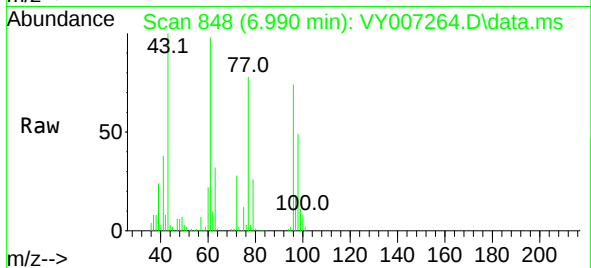
Tgt Ion: 63 Resp: 111645
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.6
 100 5.4 2.1 6.2





#25
2-Butanone
Concen: 223.405 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

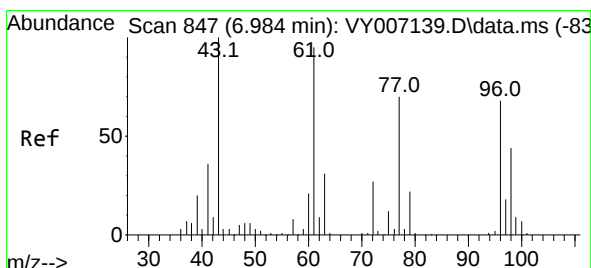
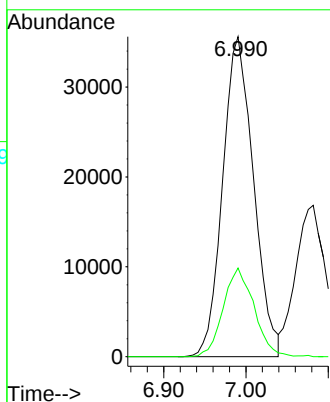
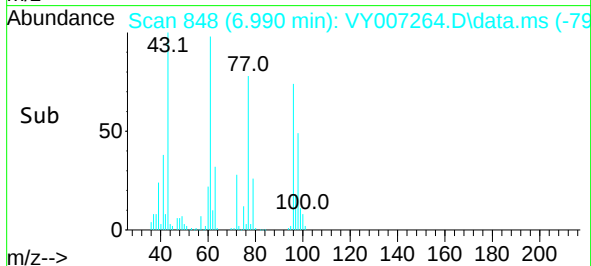
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



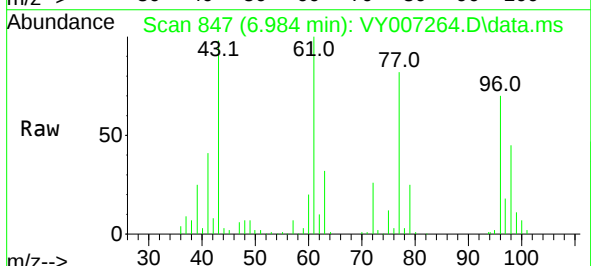
Tgt Ion: 43 Resp: 92915
Ion Ratio Lower Upper
43 100
72 27.7 21.9 32.9

Manual Integrations
APPROVED

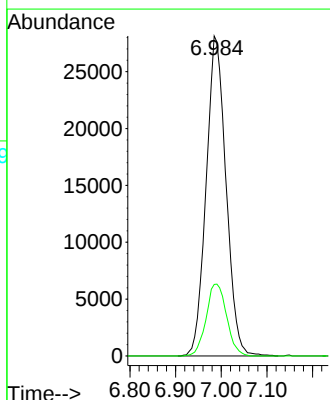
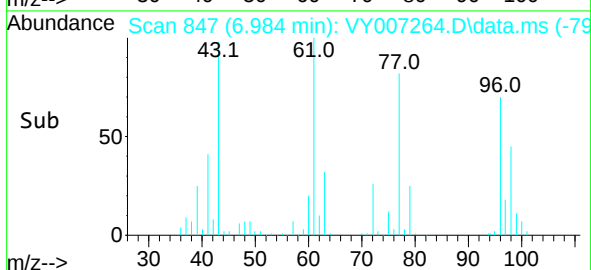
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#26
2,2-Dichloropropane
Concen: 51.635 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



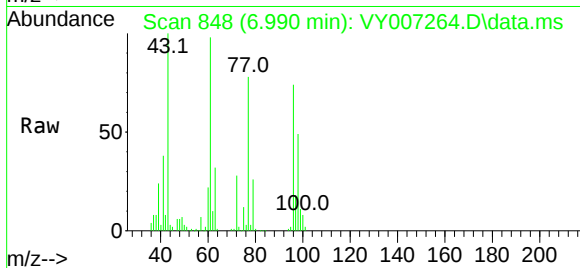
Tgt Ion: 77 Resp: 85000
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.362 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

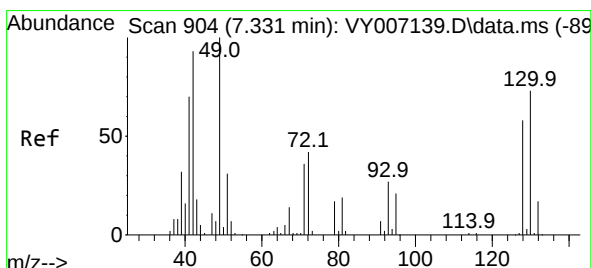
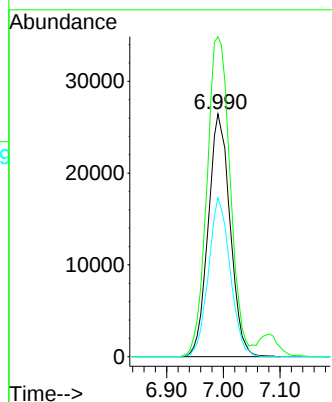
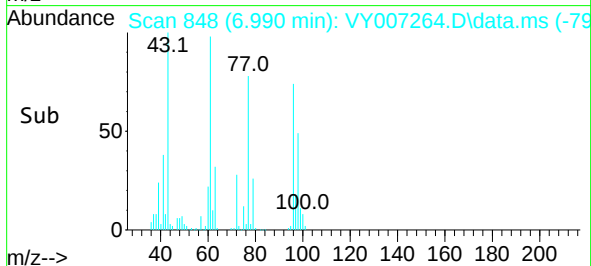
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 70790
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 276.8
 98 65.1 0.0 127.8

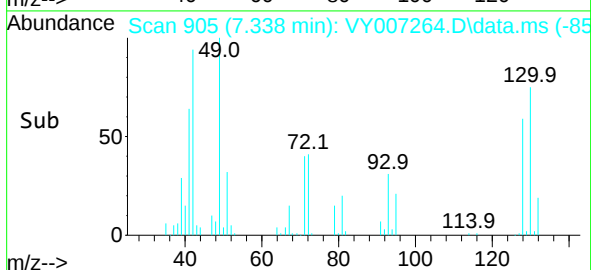
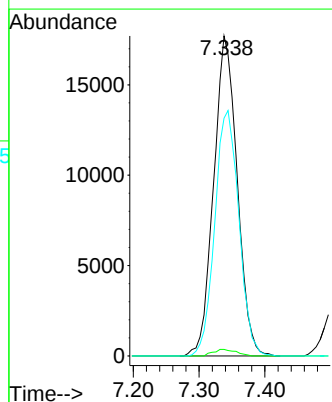
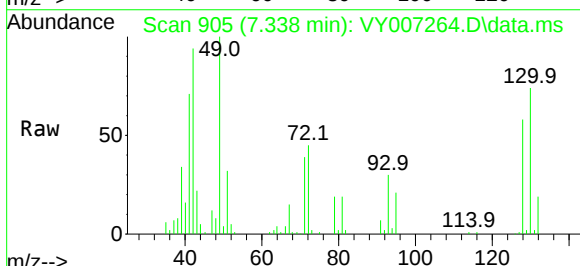
Manual Integrations
 APPROVED

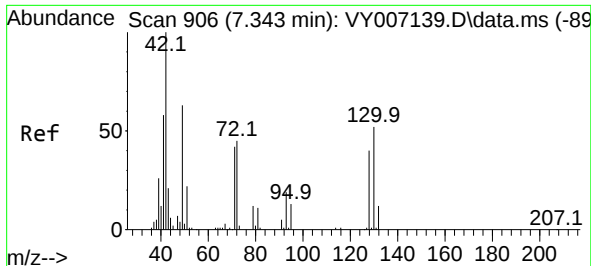
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#28
 Bromochloromethane
 Concen: 53.896 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

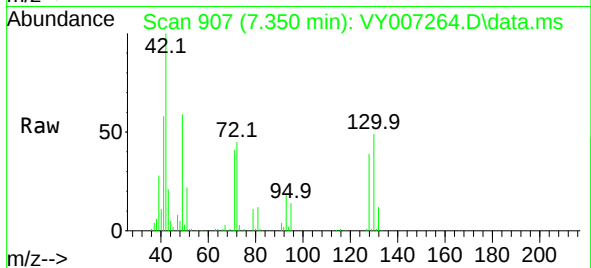
Tgt Ion: 49 Resp: 44035
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 78.6 65.0 97.4





#29
Tetrahydrofuran
Concen: 236.052 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

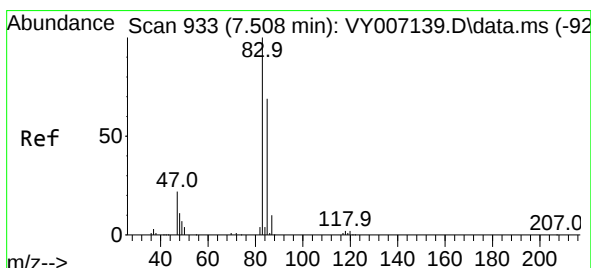
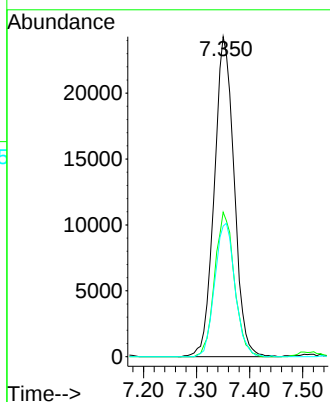
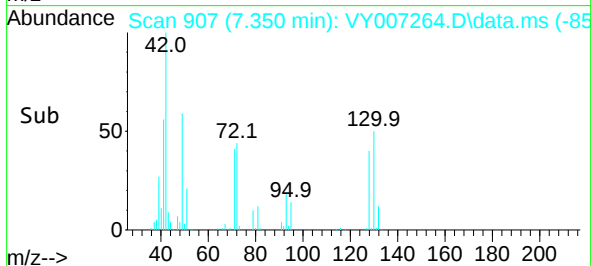
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 63109
Ion Ratio Lower Upper
42 100
72 44.7 36.6 54.8
71 42.5 34.1 51.1

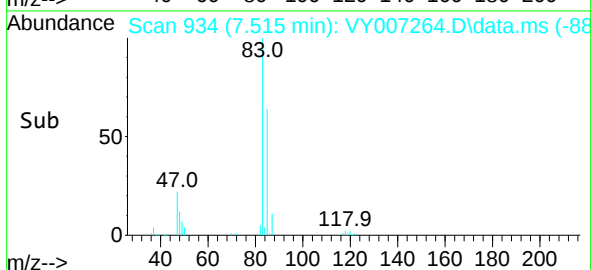
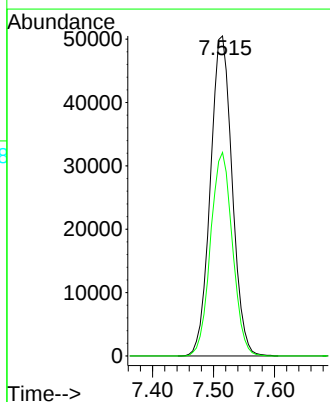
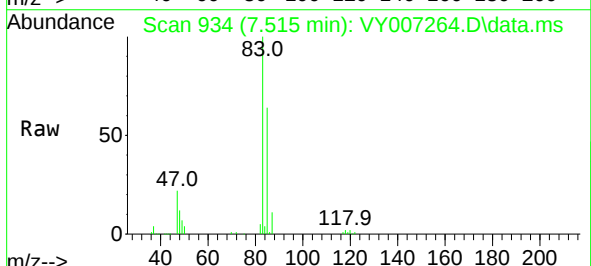
Manual Integrations
APPROVED

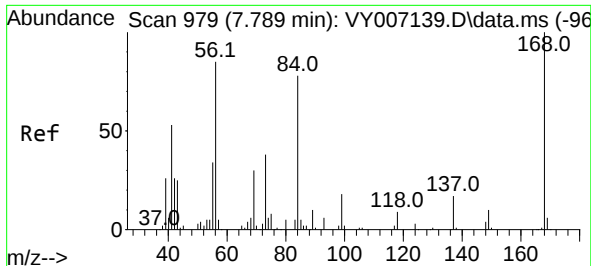
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#30
Chloroform
Concen: 53.443 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

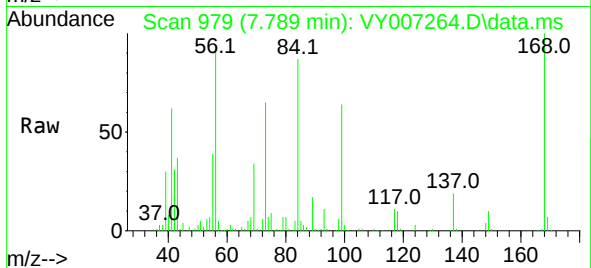
Tgt Ion: 83 Resp: 125424
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3





#31
Cyclohexane
Concen: 46.154 ug/l
RT: 7.789 min Scan# 918
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

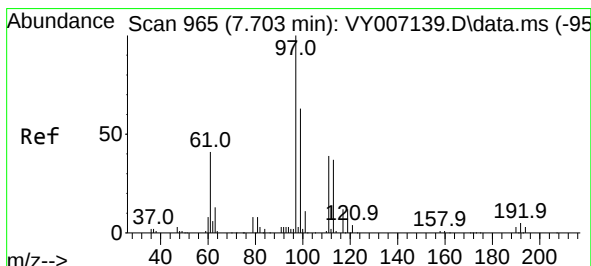
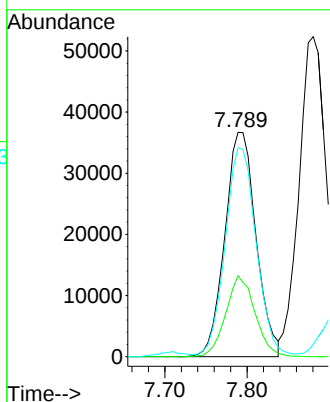
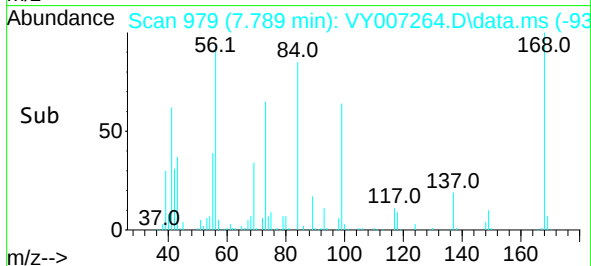
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



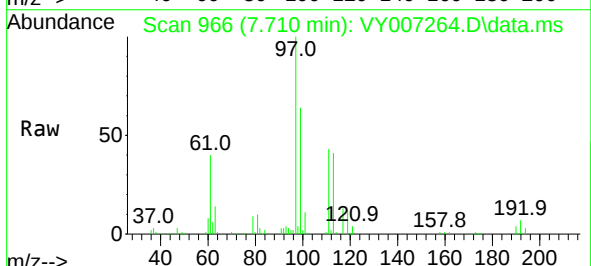
Tgt Ion: 56 Resp: 96718
Ion Ratio Lower Upper
56 100
69 36.1 27.2 40.8
84 91.6 72.1 108.1

Manual Integrations
APPROVED

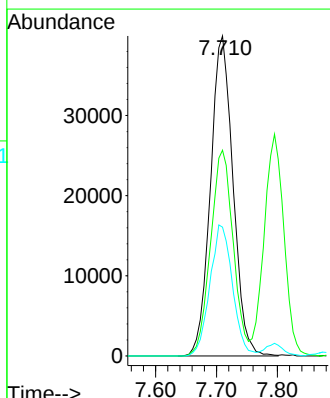
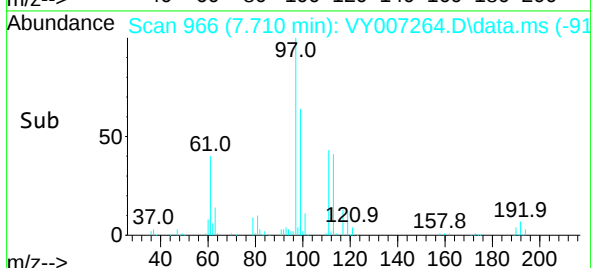
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

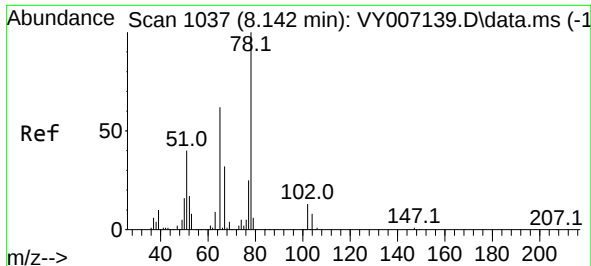


#32
1,1,1-Trichloroethane
Concen: 51.137 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 97 Resp: 102580
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 41.0 32.2 48.2





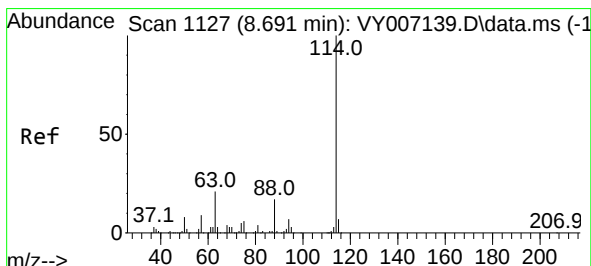
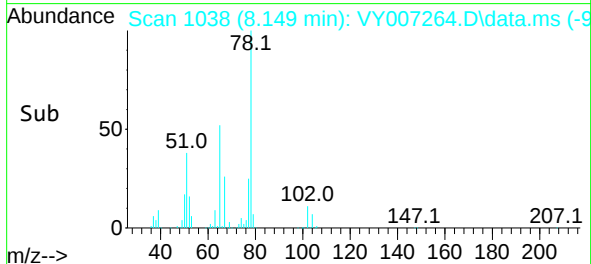
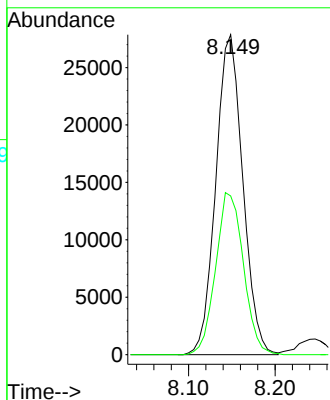
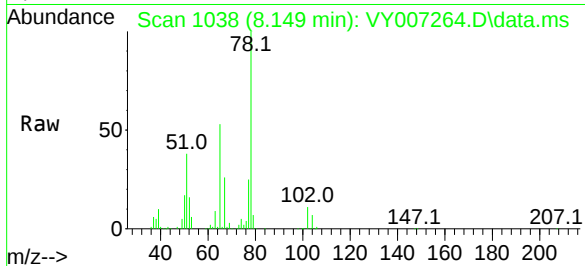
#33
 1,2-Dichloroethane-d4
 Concen: 48.700 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 60364
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6

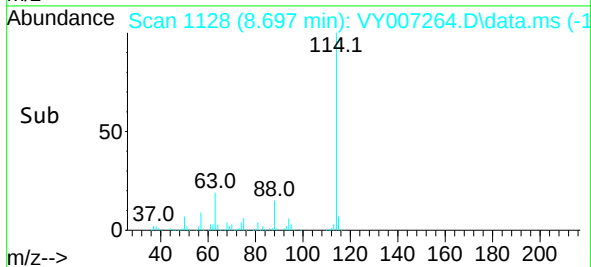
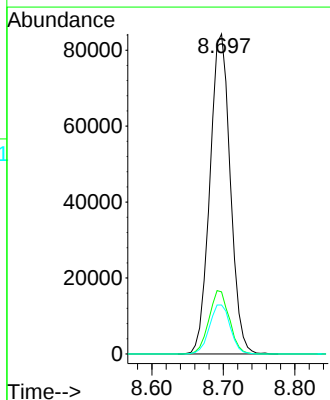
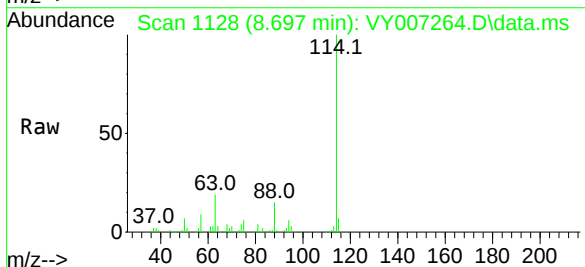
Manual Integrations
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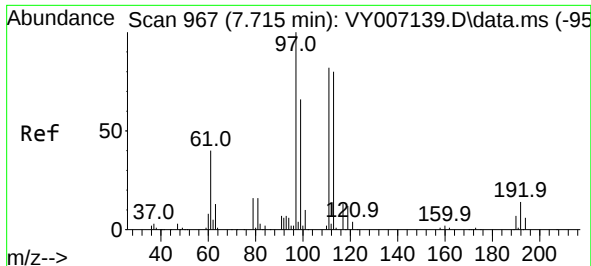
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

Tgt Ion:114 Resp: 166822
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.990 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

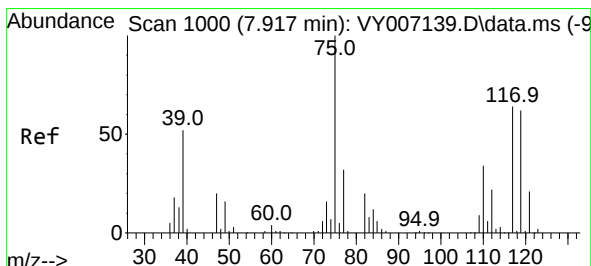
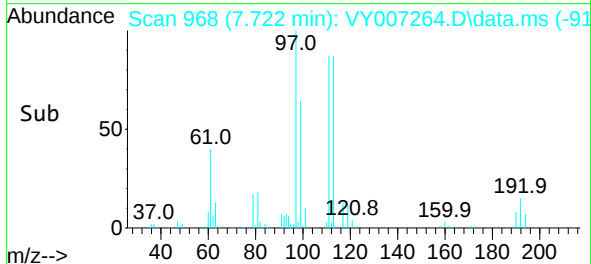
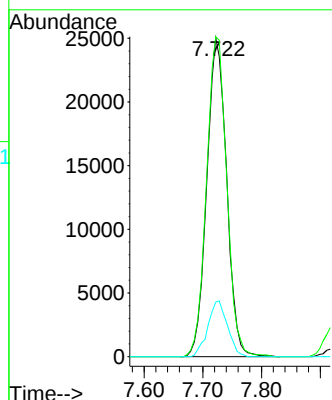
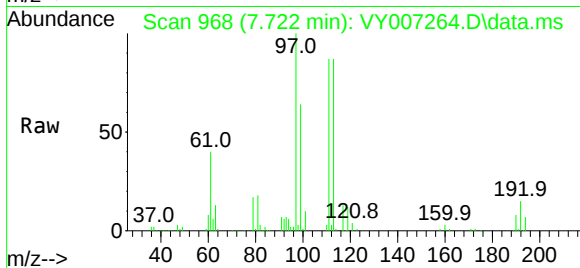
Tgt Ion:	113	Resp:	5864
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	17.3	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#36

1,1-Dichloropropene

Concen: 50.515 ug/l

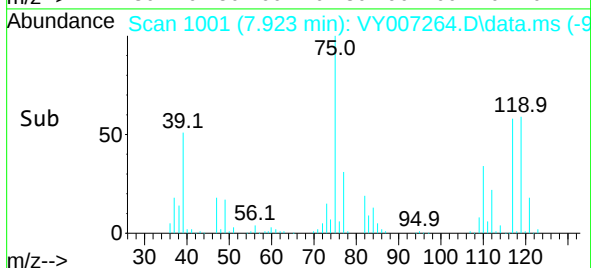
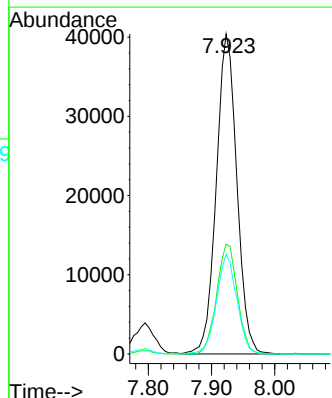
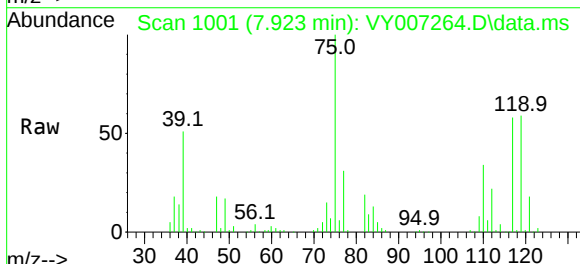
RT: 7.923 min Scan# 1001

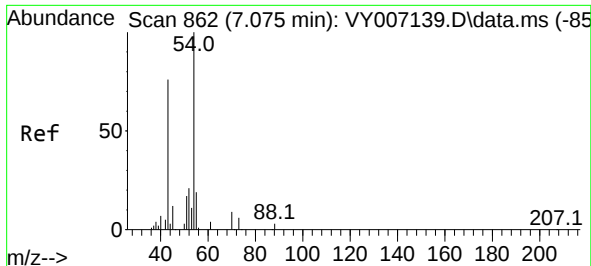
Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:	75	Resp:	91007
Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	51.9
77	30.8	24.7	37.1





#37

Ethyl Acetate

Concen: 47.493 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY007264.D

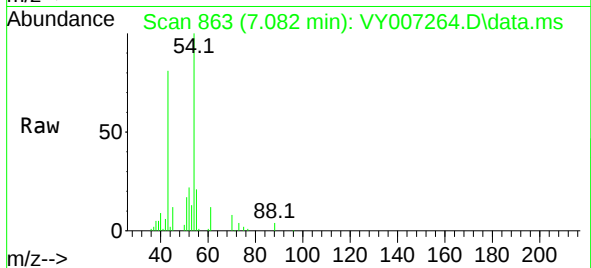
Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 4391

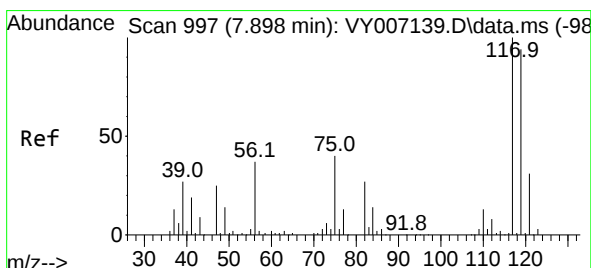
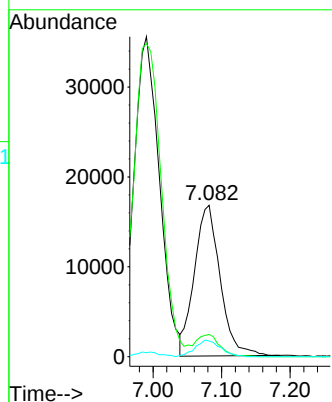
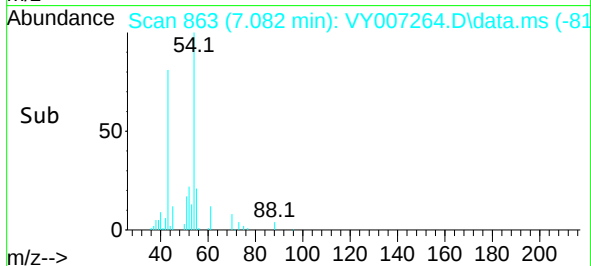
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.8	17.8
70	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#38

Carbon Tetrachloride

Concen: 51.339 ug/l

RT: 7.911 min Scan# 999

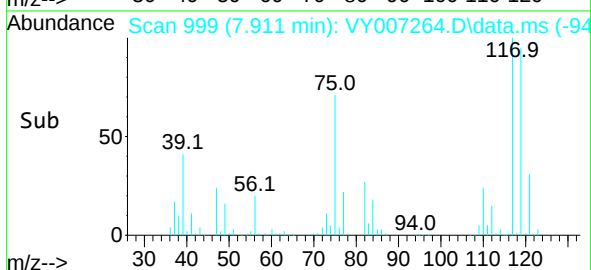
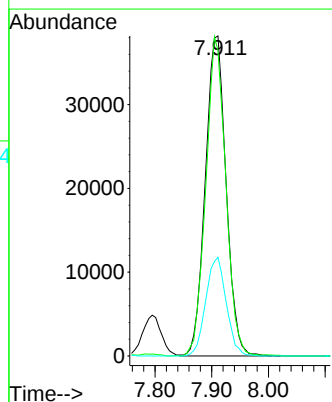
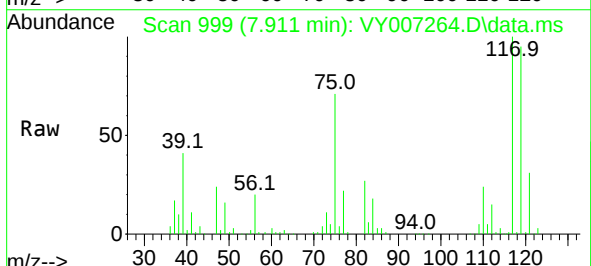
Delta R.T. 0.013 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:117 Resp: 97286

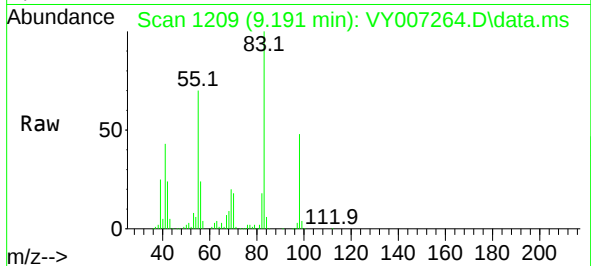
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.2	115.8
121	30.9	24.2	36.2





#39
Methylcyclohexane
Concen: 50.133 ug/l
RT: 9.191 min Scan# 110278
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

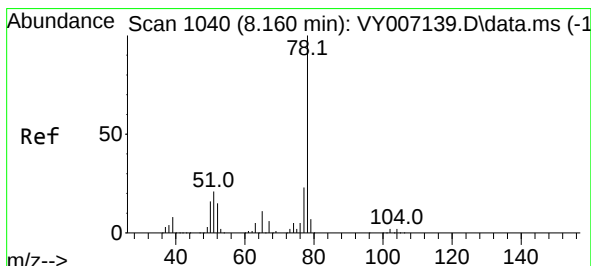
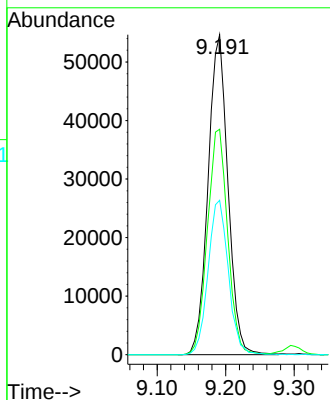
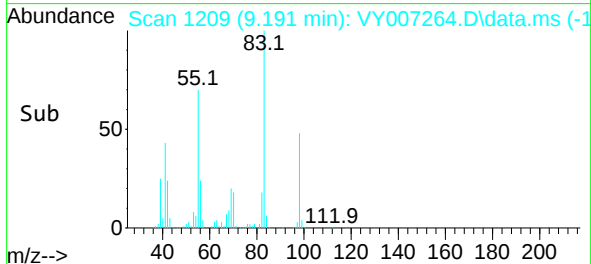
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110278
Ion Ratio Lower Upper
83 100
55 70.4 58.8 88.2
98 48.3 38.7 58.1

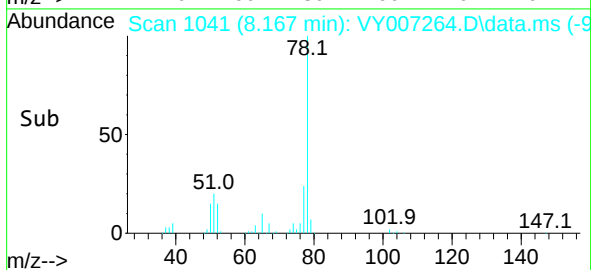
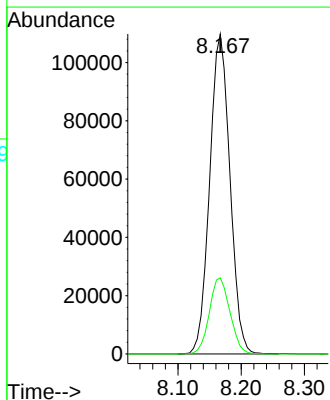
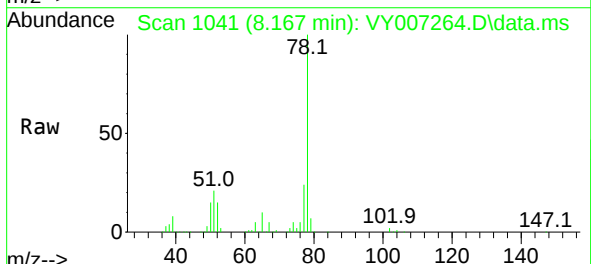
Manual Integrations
APPROVED

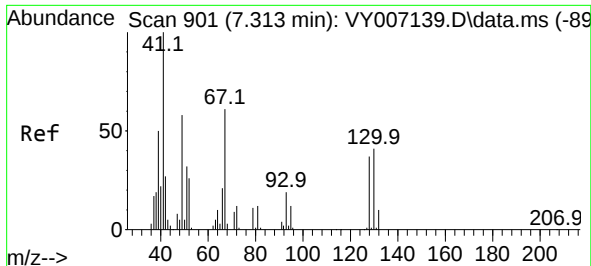
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#40
Benzene
Concen: 50.757 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

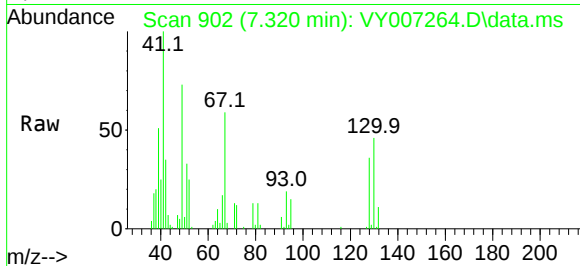
Tgt Ion: 78 Resp: 243922
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 53.804 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

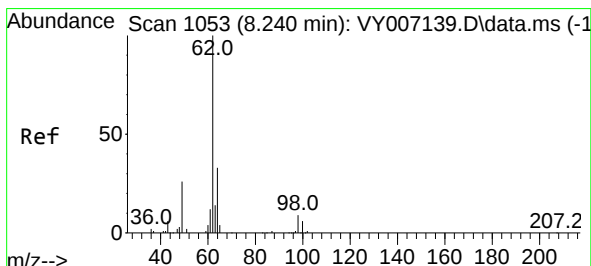
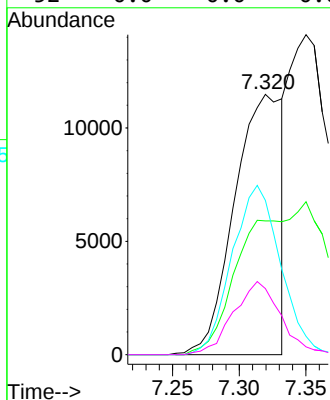
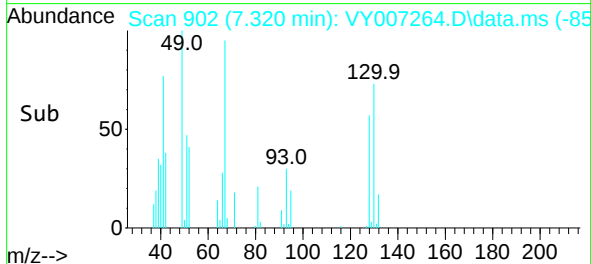
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2864
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

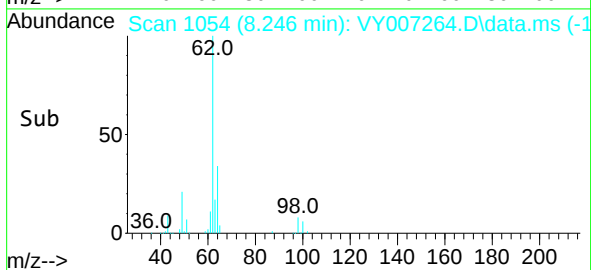
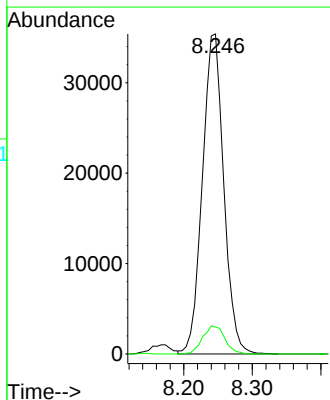
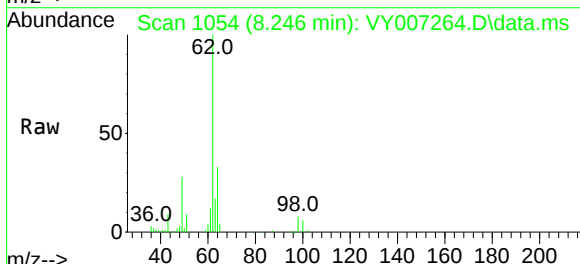
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#42
1,2-Dichloroethane
Concen: 50.752 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

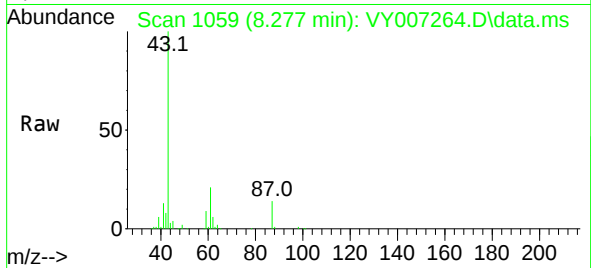
Tgt Ion: 62 Resp: 76804
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 48.263 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

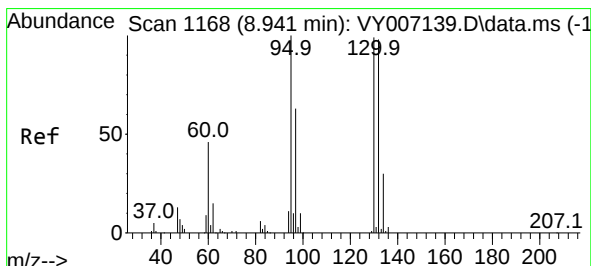
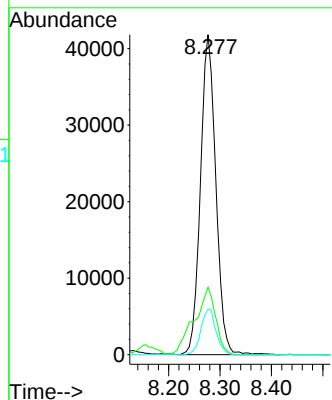
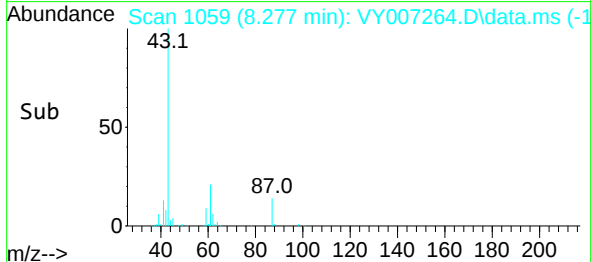
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



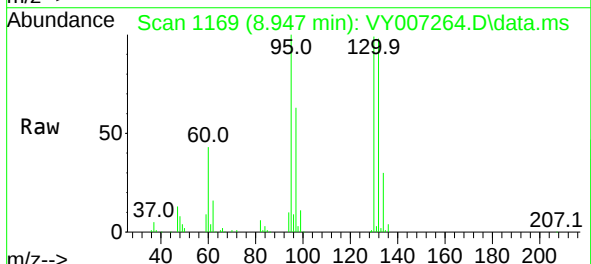
Tgt Ion: 43 Resp: 8682
Ion Ratio Lower Upper
43 100
61 29.2 23.8 35.8
87 14.0 11.6 17.4

Manual Integrations
APPROVED

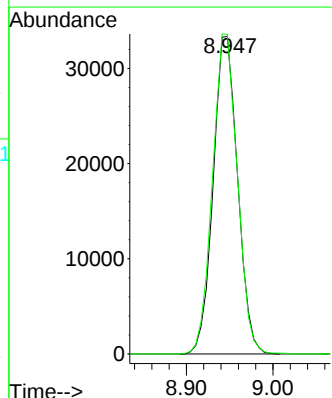
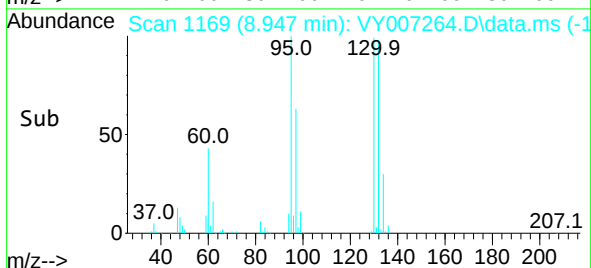
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#44
Trichloroethene
Concen: 50.287 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



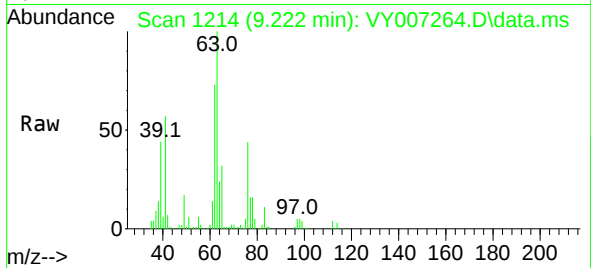
Tgt Ion:130 Resp: 65396
Ion Ratio Lower Upper
130 100
95 100.7 0.0 196.6





#45
1,2-Dichloropropane
Concen: 50.088 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

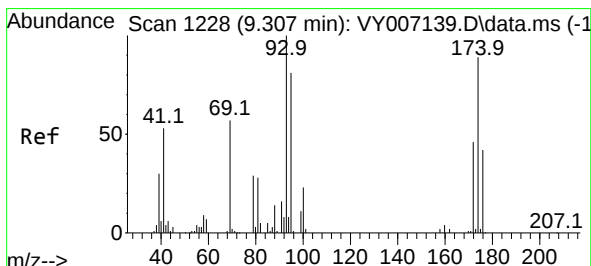
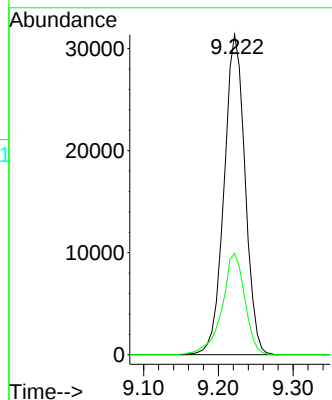
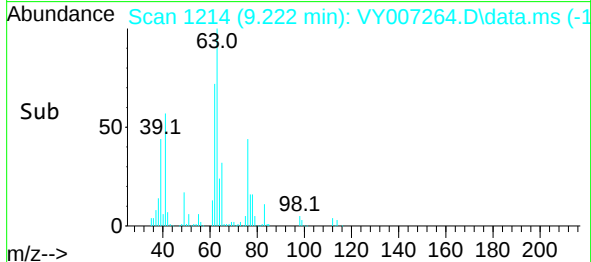
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



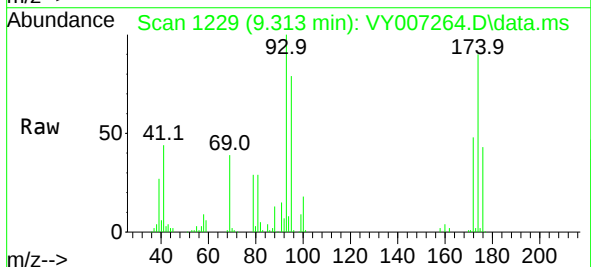
Tgt Ion: 63 Resp: 6121
Ion Ratio Lower Upper
63 100
65 31.6 26.9 40.3

Manual Integrations
APPROVED

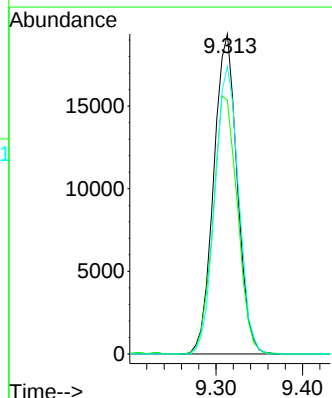
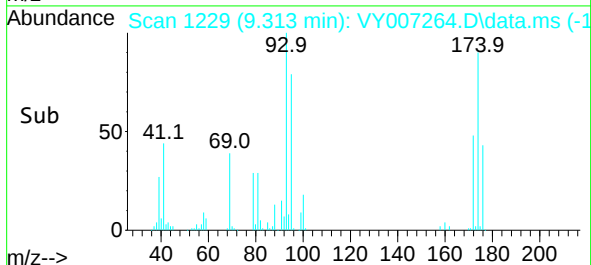
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

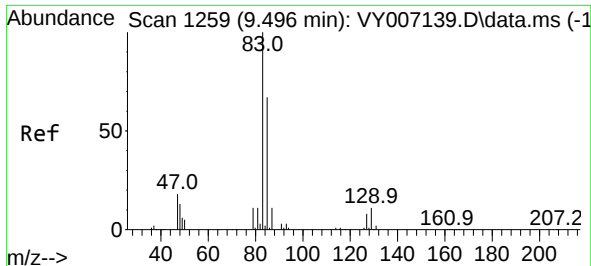


#46
Dibromomethane
Concen: 50.572 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



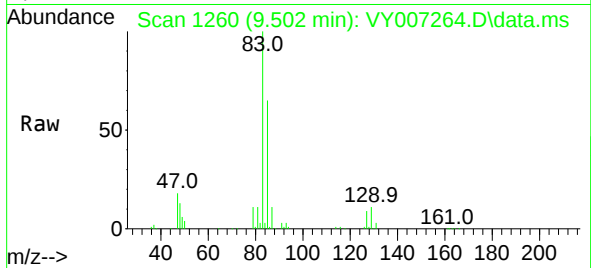
Tgt Ion: 93 Resp: 36547
Ion Ratio Lower Upper
93 100
95 83.5 65.8 98.6
174 90.8 75.4 113.0





#47
Bromodichloromethane
Concen: 51.951 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

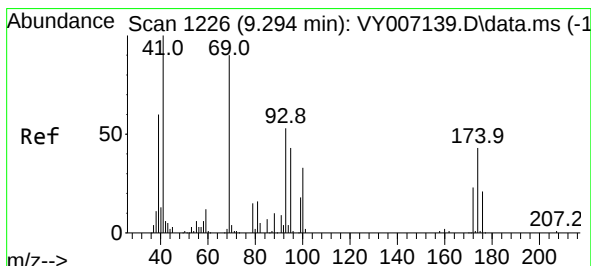
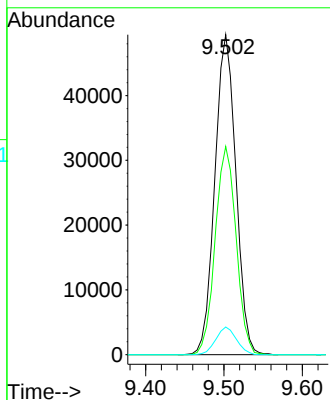
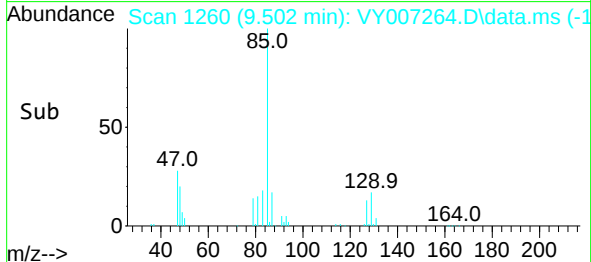
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



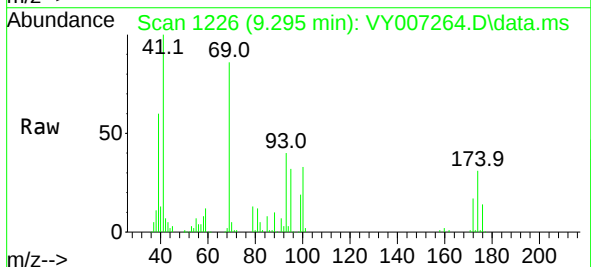
Tgt Ion: 83 Resp: 92290
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2
127 8.6 6.5 9.7

Manual Integrations
APPROVED

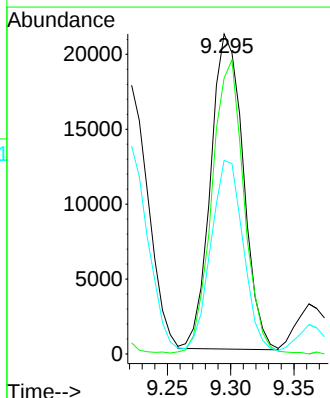
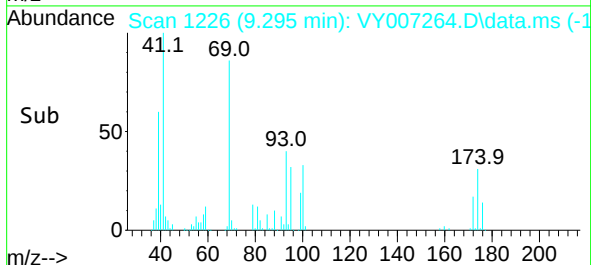
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

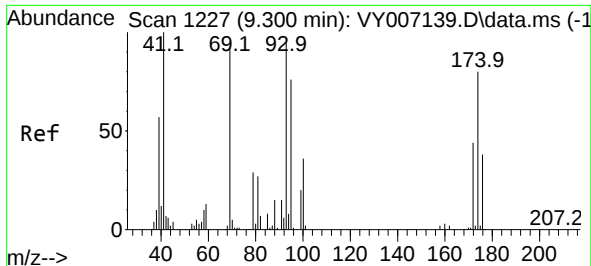


#48
Methyl methacrylate
Concen: 46.055 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 41 Resp: 37686
Ion Ratio Lower Upper
41 100
69 92.0 70.5 105.7
39 59.7 43.8 65.8





#49

1,4-Dioxane

Concen: 1054.405 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

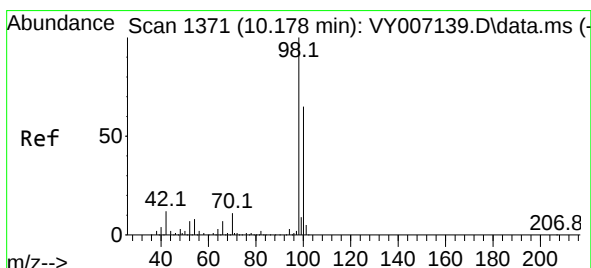
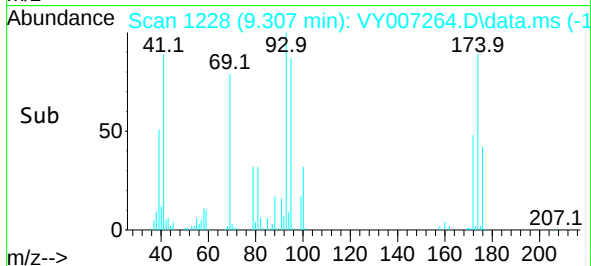
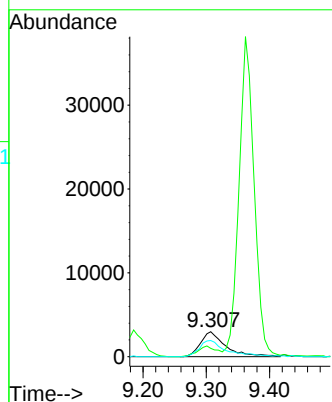
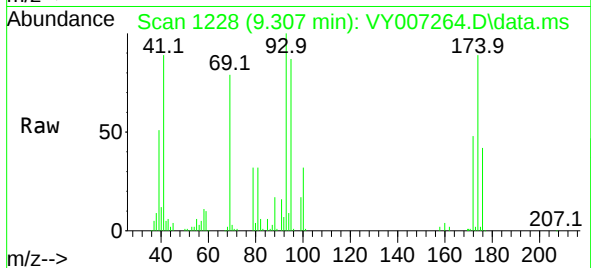
Tgt Ion:	88	Resp:	8210
Ion	Ratio	Lower	Upper
88	100		
43	32.5	22.0	33.0
58	71.4	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#50

Toluene-d8

Concen: 51.906 ug/l

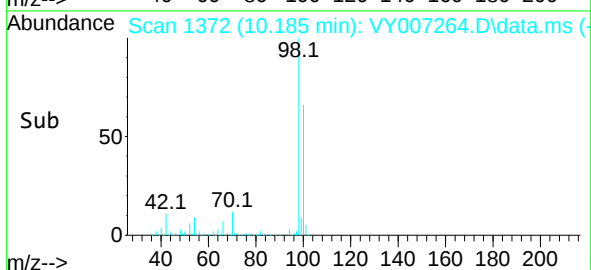
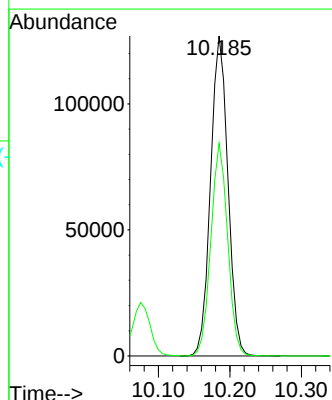
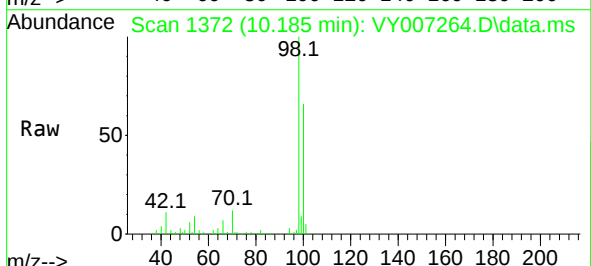
RT: 10.185 min Scan# 1372

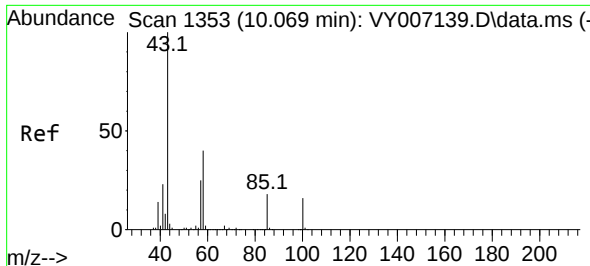
Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:	98	Resp:	213944
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





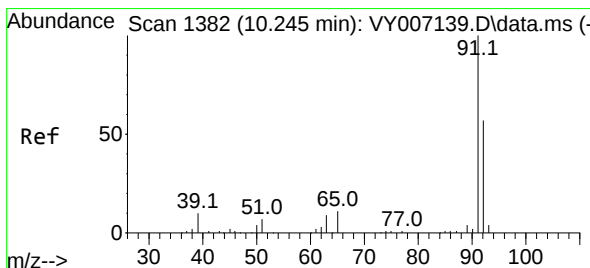
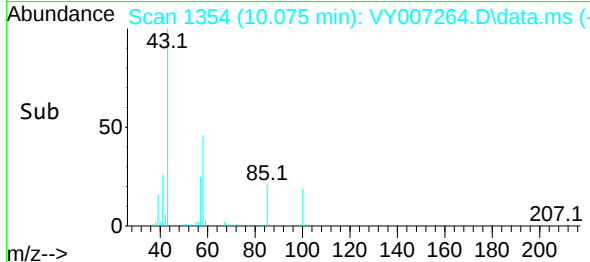
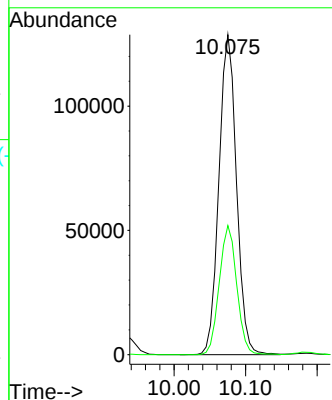
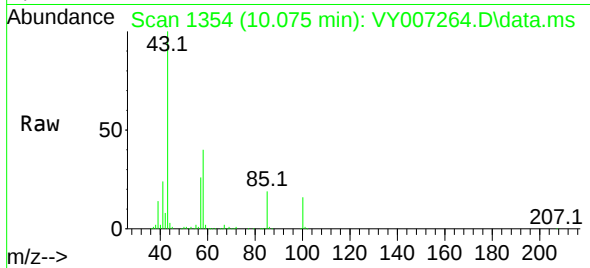
#51
4-Methyl-2-Pentanone
Concen: 240.877 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 219720
Ion Ratio Lower Upper
43 100
58 40.2 32.8 49.2

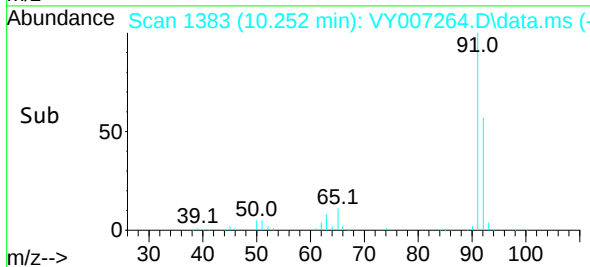
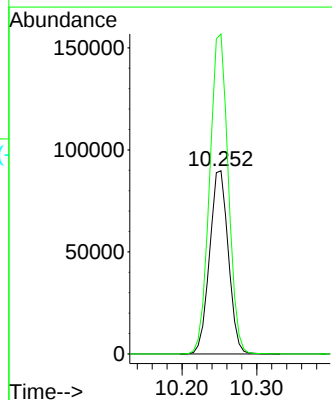
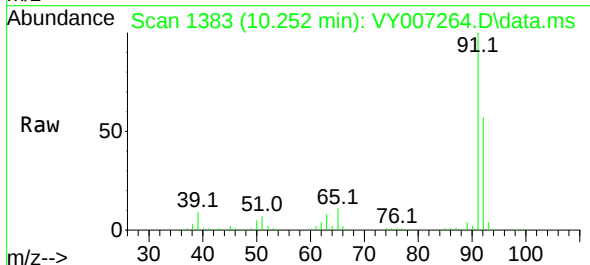
Manual Integrations
APPROVED

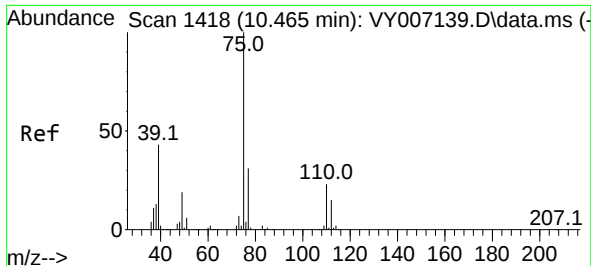
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#52
Toluene
Concen: 51.204 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

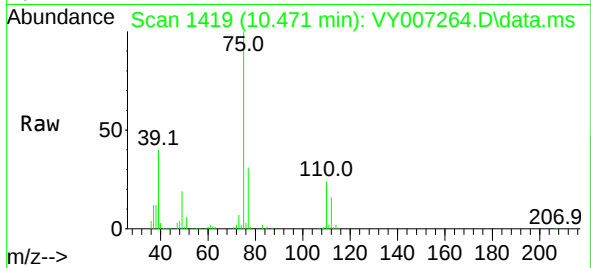
Tgt Ion: 92 Resp: 155975
Ion Ratio Lower Upper
92 100
91 174.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.386 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

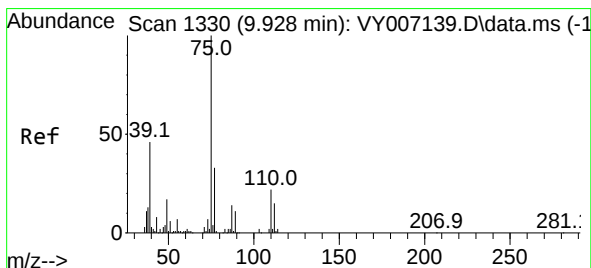
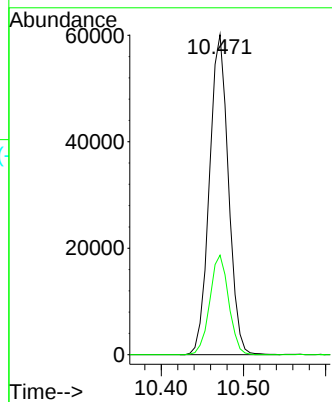
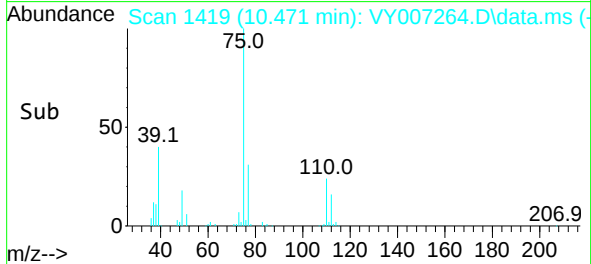
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9637
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

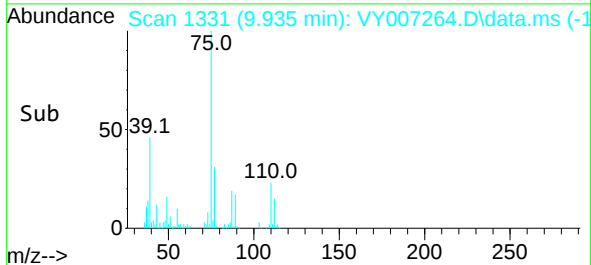
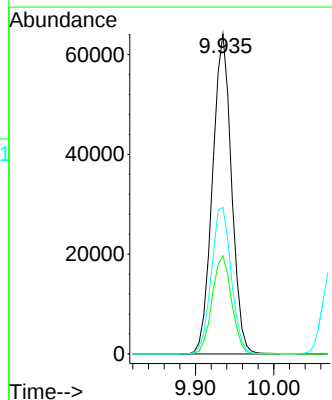
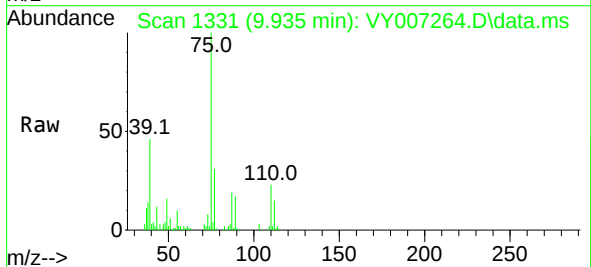
Manual Integrations
APPROVED

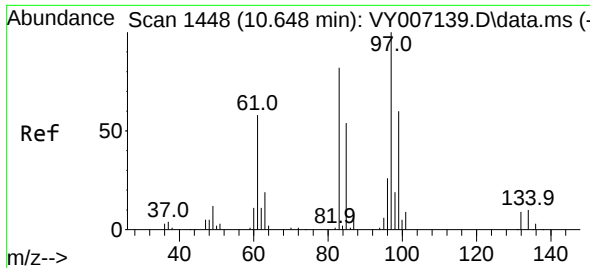
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#54
cis-1,3-Dichloropropene
Concen: 51.491 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

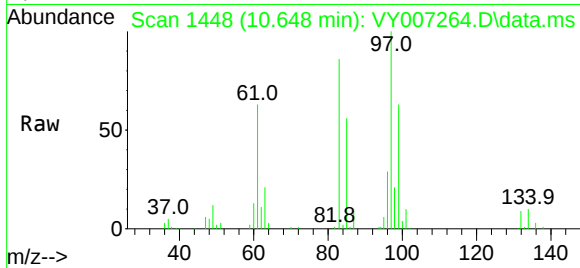
Tgt Ion: 75 Resp: 108096
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5
39 45.8 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 50.368 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

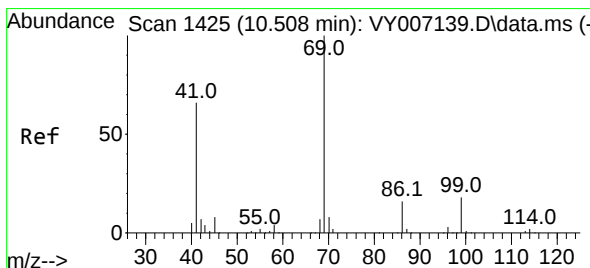
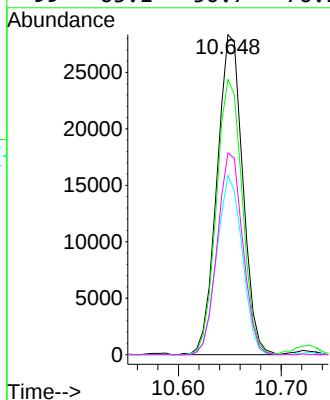
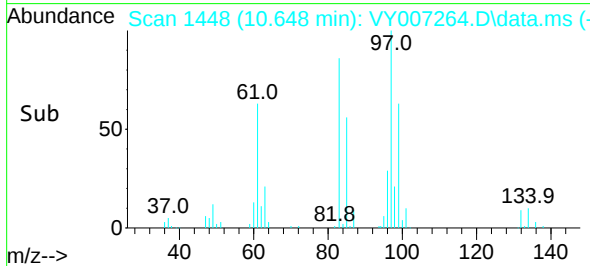
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



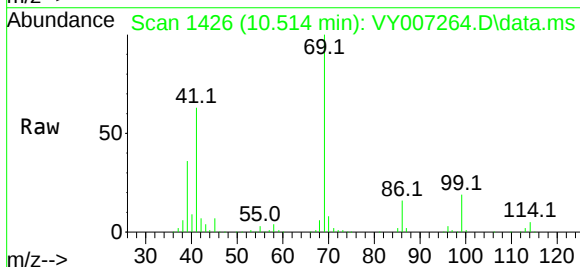
Tgt Ion: 97 Resp: 4937
Ion Ratio Lower Upper
97 100
83 85.9 67.0 100.4
85 56.0 41.2 61.8
99 63.1 50.7 76.1

Manual Integrations
APPROVED

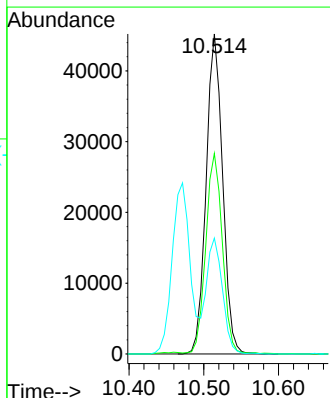
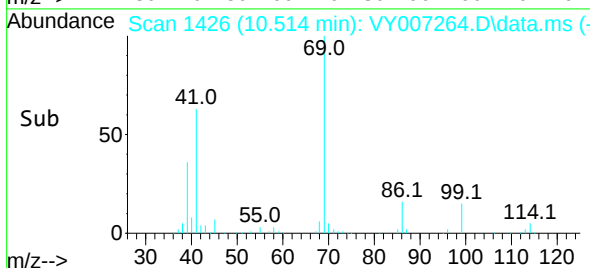
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

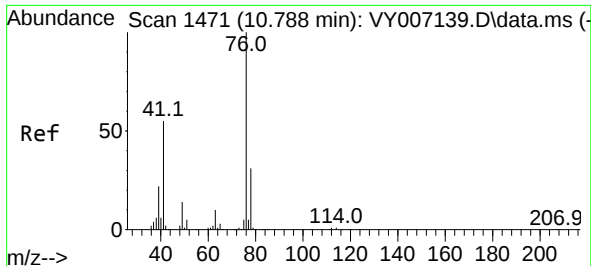


#56
Ethyl methacrylate
Concen: 50.264 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 69 Resp: 69413
Ion Ratio Lower Upper
69 100
41 63.3 49.4 74.0
39 34.5 27.7 41.5





#57

1,3-Dichloropropane

Concen: 50.792 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 86780

Ion Ratio Lower Upper

76 100

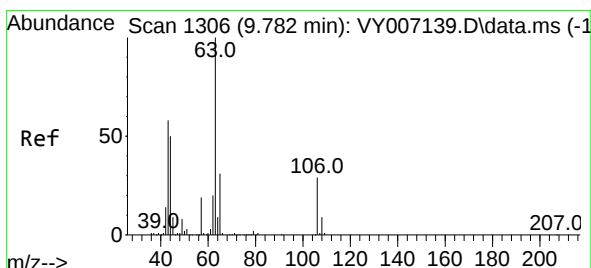
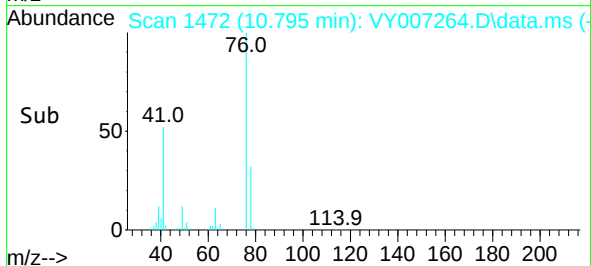
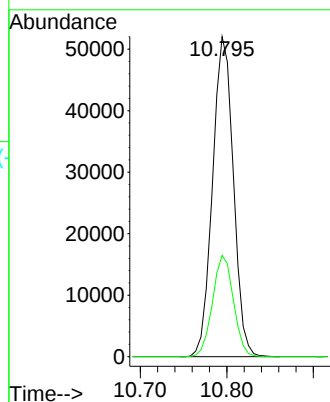
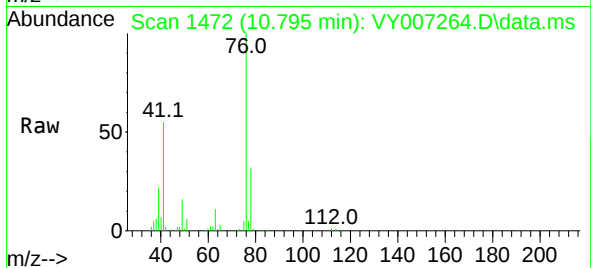
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 228.647 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007264.D

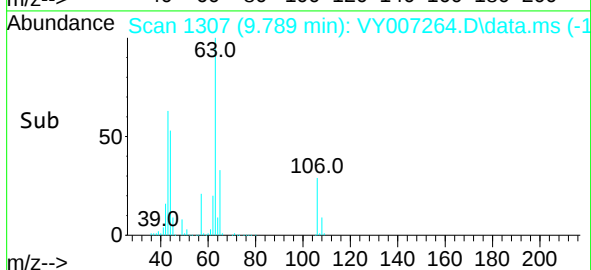
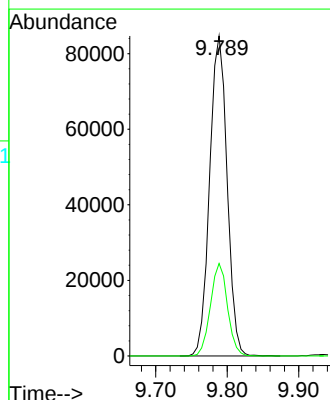
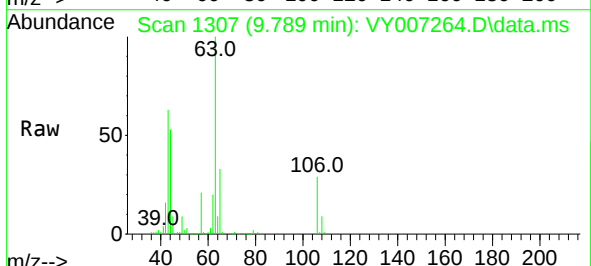
Acq: 24 Jan 2022 10:53

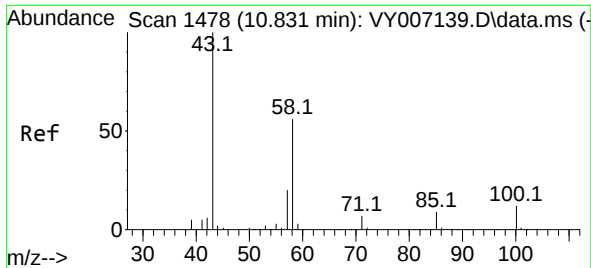
Tgt Ion: 63 Resp: 143578

Ion Ratio Lower Upper

63 100

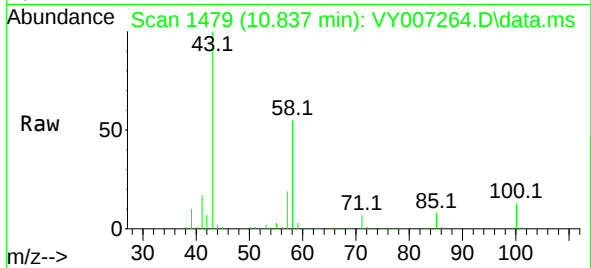
106 28.1 23.3 34.9





#59
2-Hexanone
Concen: 231.534 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

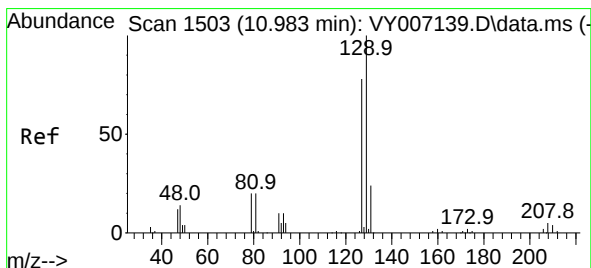
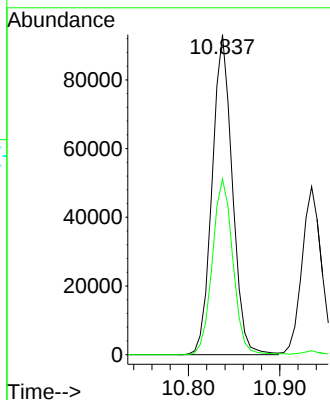
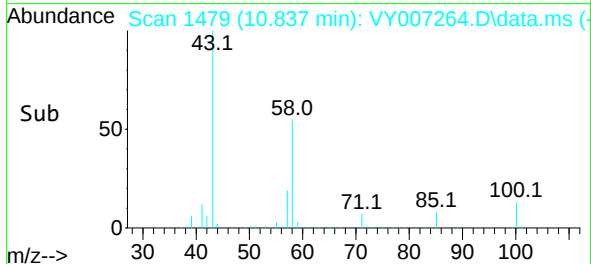
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



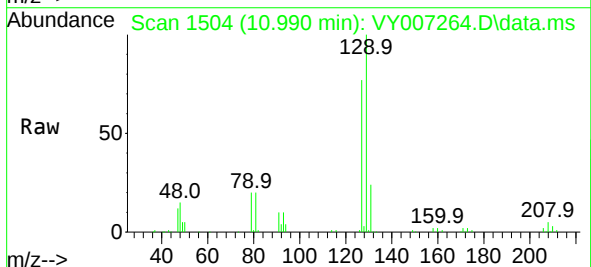
Tgt Ion: 43 Resp: 14333
Ion Ratio Lower Upper
43 100
58 55.7 28.4 85.3

Manual Integrations
APPROVED

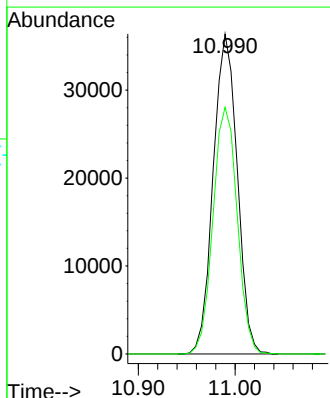
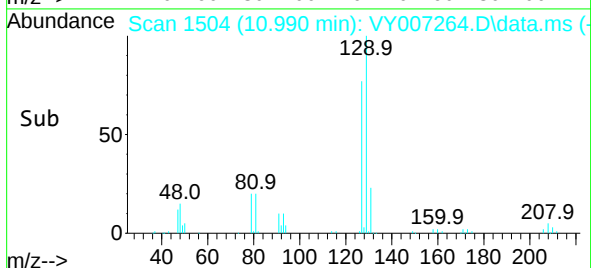
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

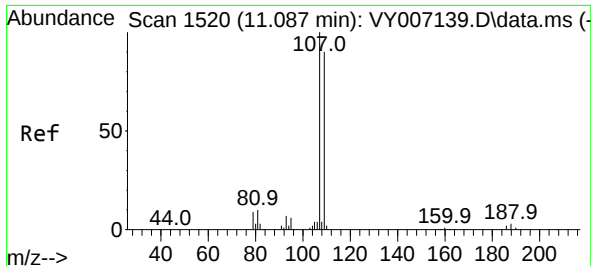


#60
Dibromochloromethane
Concen: 51.978 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



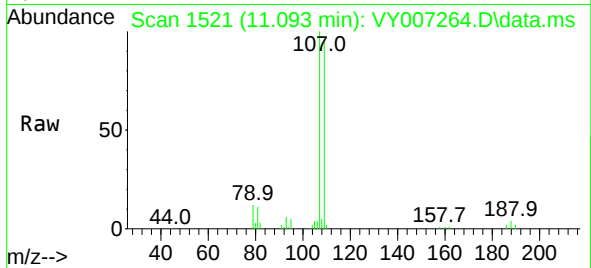
Tgt Ion:129 Resp: 62634
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61
1,2-Dibromoethane
Concen: 50.172 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

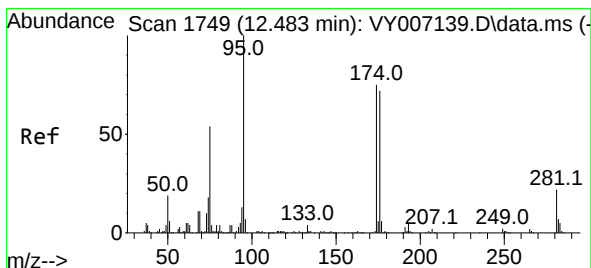
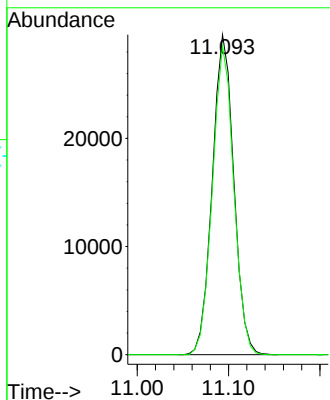
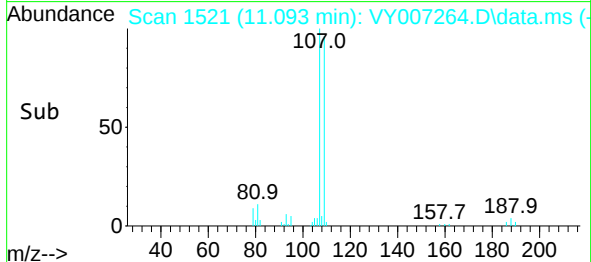
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



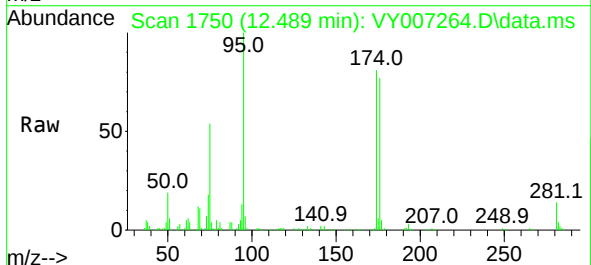
Tgt Ion:107 Resp: 48310
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.0

Manual Integrations
APPROVED

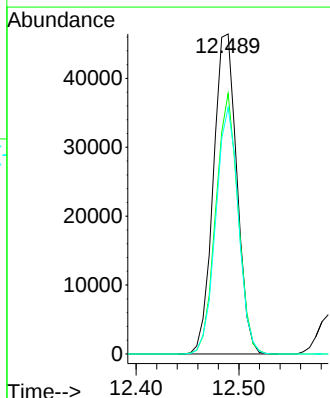
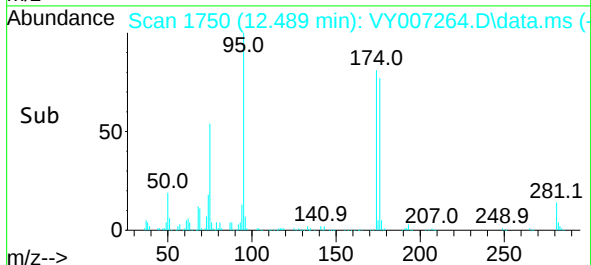
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

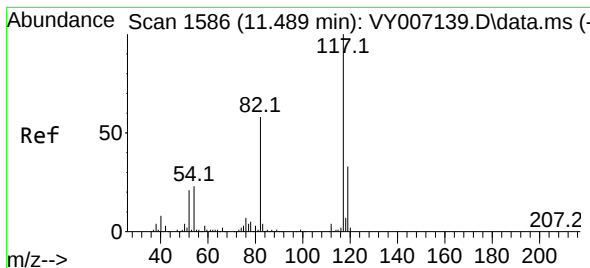


#62
4-Bromofluorobenzene
Concen: 50.307 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 95 Resp: 73759
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.4
176 74.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007264.D

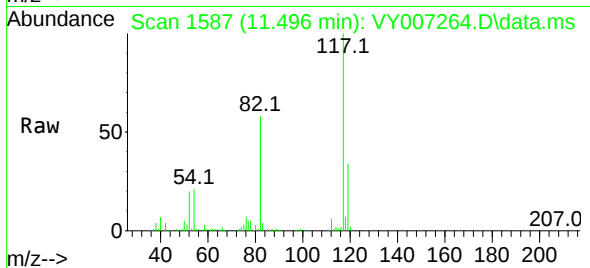
Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 148150

Ion Ratio Lower Upper

117 100

82 58.1 45.4 68.0

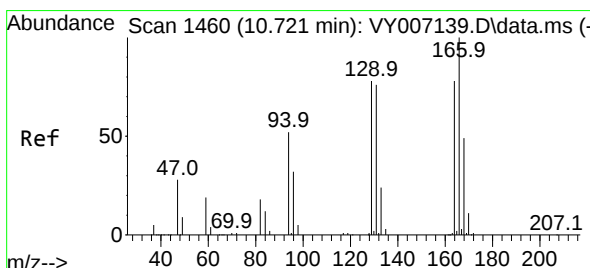
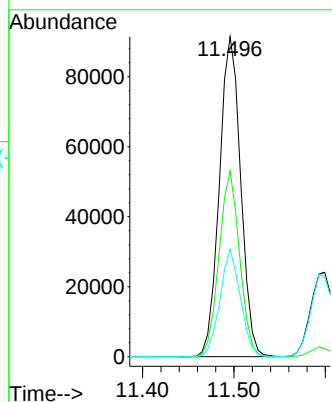
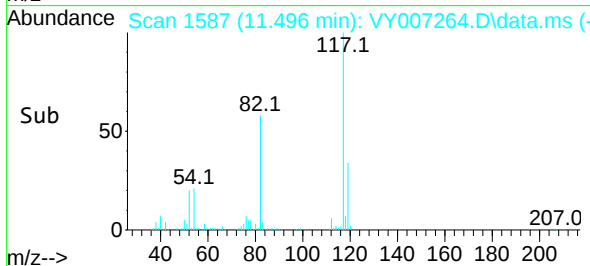
119 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#64

Tetrachloroethene

Concen: 50.444 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:164 Resp: 53867

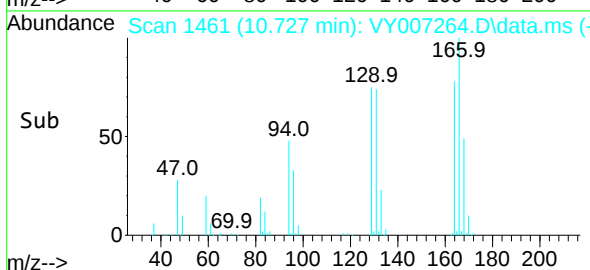
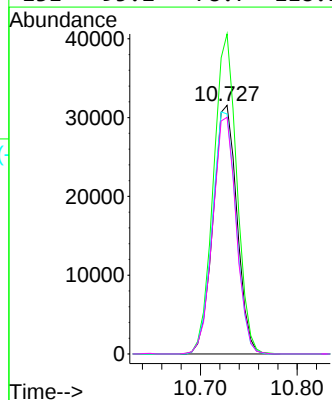
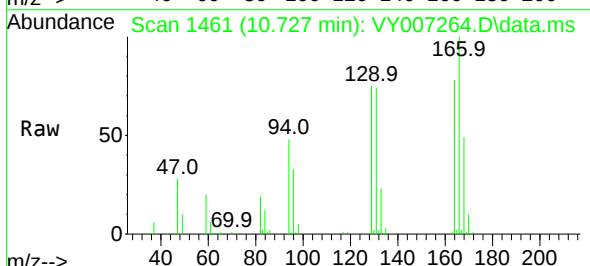
Ion Ratio Lower Upper

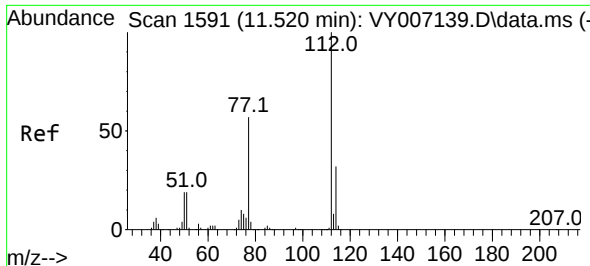
164 100

166 128.7 102.6 154.0

129 96.6 84.6 127.0

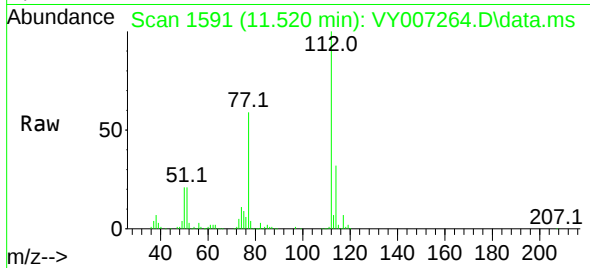
131 95.2 78.7 118.1





#65
Chlorobenzene
Concen: 51.295 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

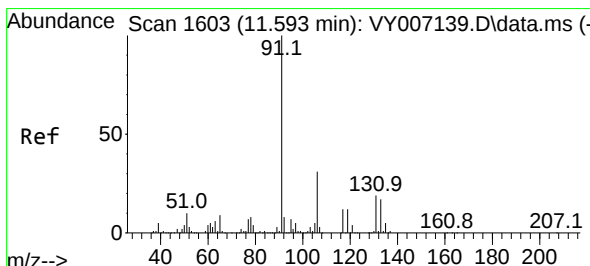
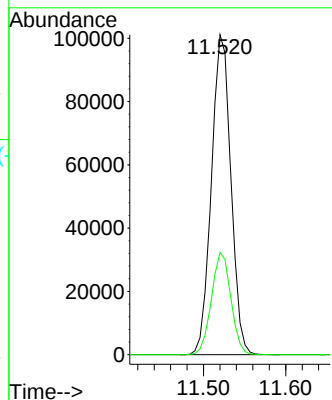
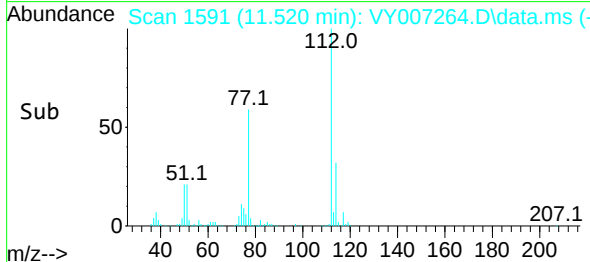
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



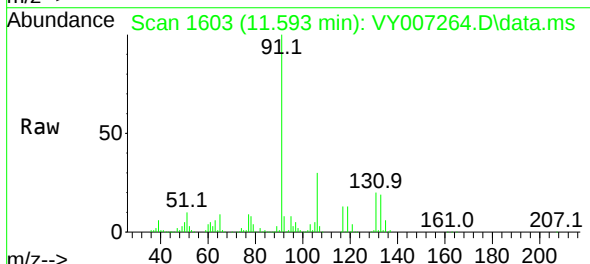
Tgt Ion:112 Resp: 166164
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
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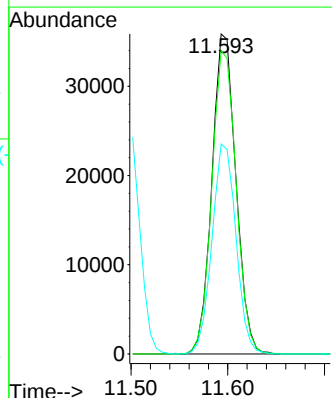
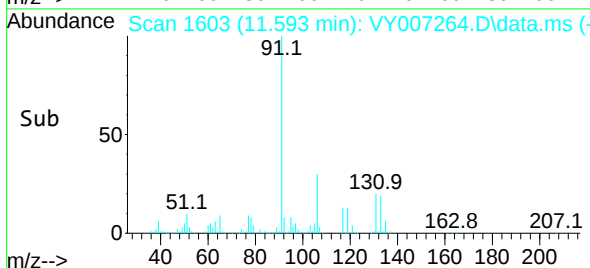
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

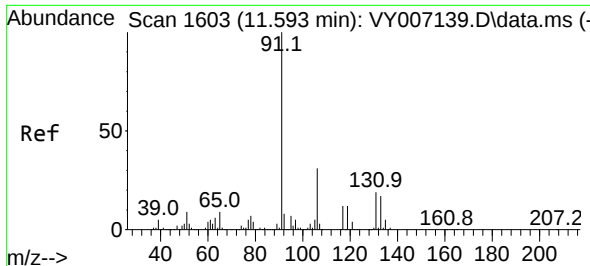


#66
1,1,1,2-Tetrachloroethane
Concen: 51.397 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion:131 Resp: 61718
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 65.7 32.6 97.7





#67

Ethyl Benzene

Concen: 51.105 ug/l

RT: 11.599 min Scan# 1603

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 311152

Ion Ratio Lower Upper

91 100

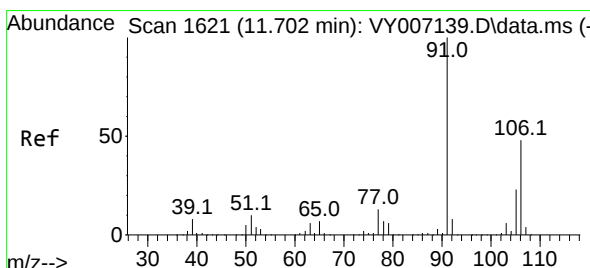
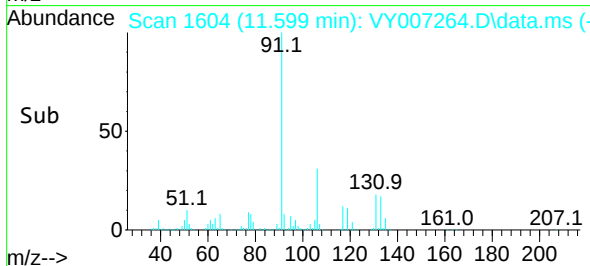
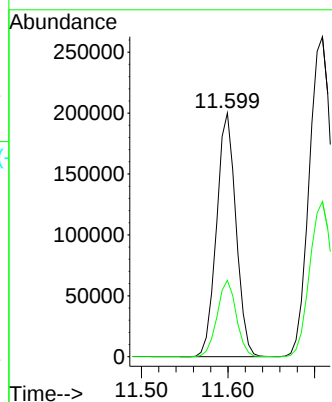
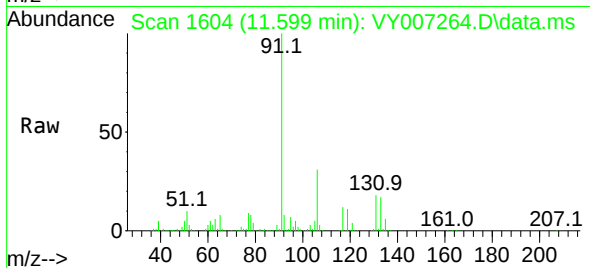
106 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#68

m/p-Xylenes

Concen: 102.424 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.007 min

Lab File: VY007264.D

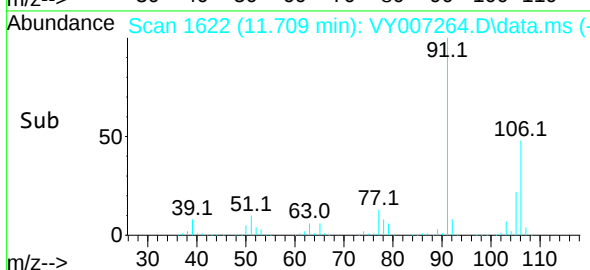
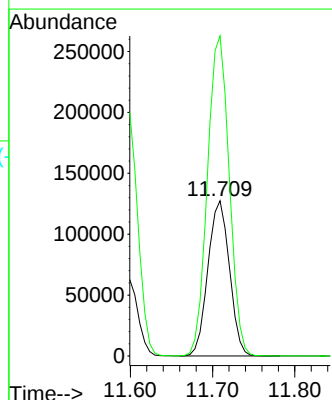
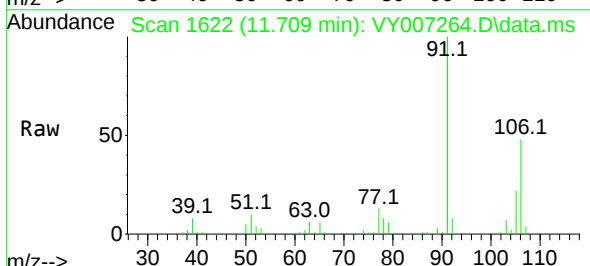
Acq: 24 Jan 2022 10:53

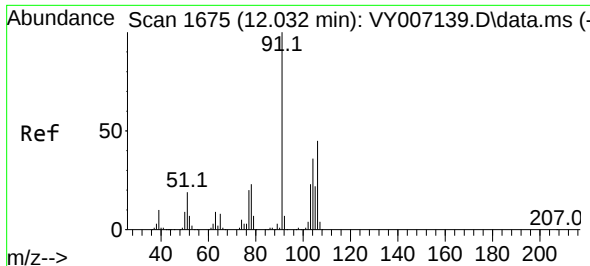
Tgt Ion:106 Resp: 231741

Ion Ratio Lower Upper

106 100

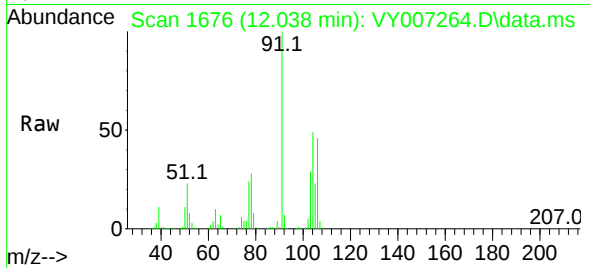
91 208.7 167.1 250.7





#69
o-Xylene
Concen: 50.482 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

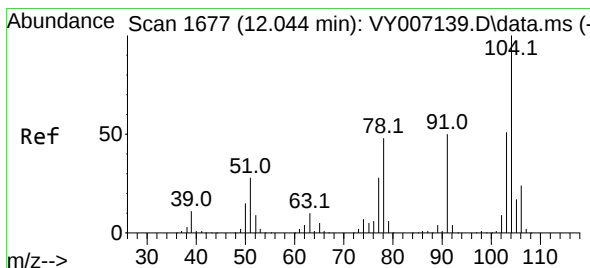
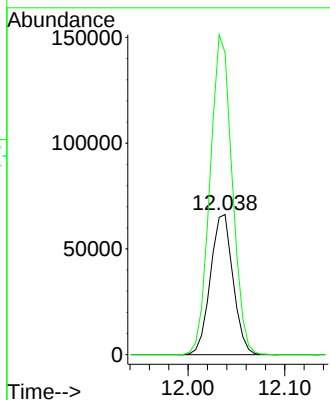
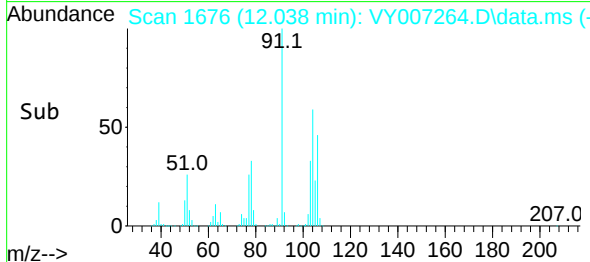
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 107563
Ion Ratio Lower Upper
106 100
91 223.9 109.9 329.6

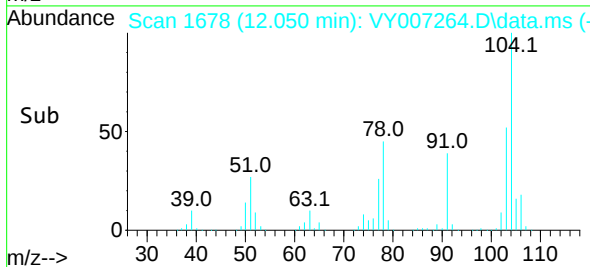
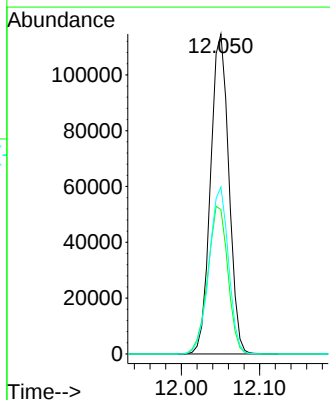
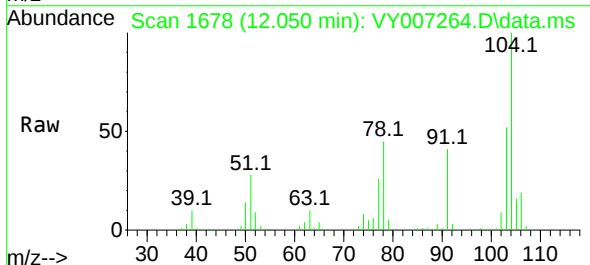
Manual Integrations
APPROVED

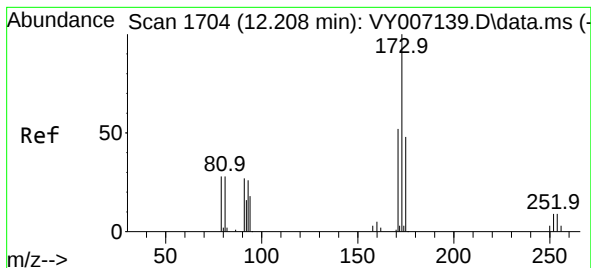
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#70
Styrene
Concen: 51.782 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Tgt Ion:104 Resp: 186130
Ion Ratio Lower Upper
104 100
78 50.7 41.4 62.0
103 55.2 44.2 66.2





#71

Bromoform

Concen: 51.763 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

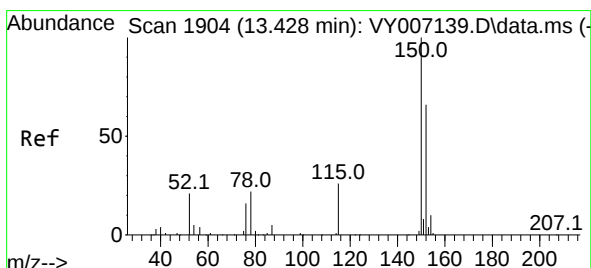
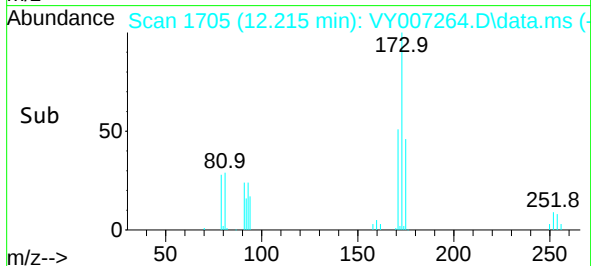
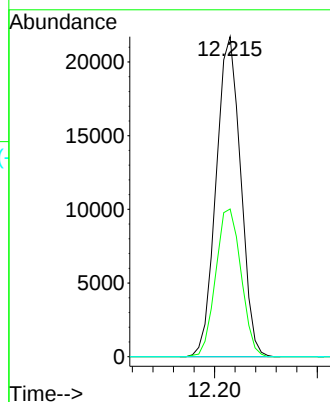
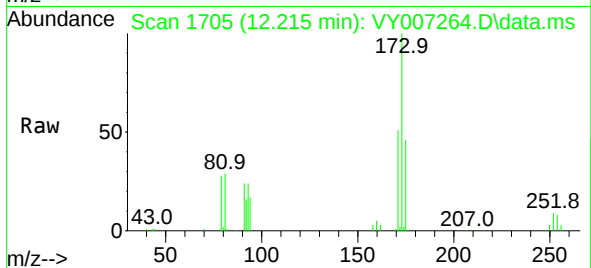
Tgt Ion:	173	Resp:	35954
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.8	74.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

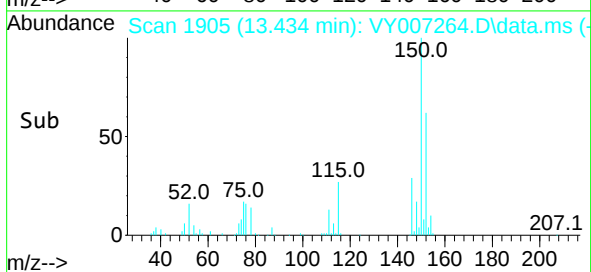
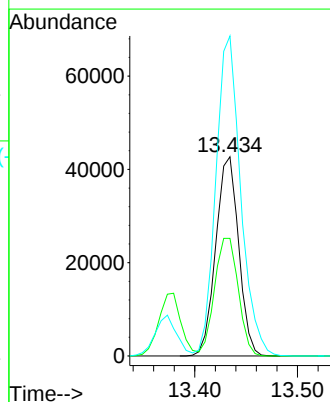
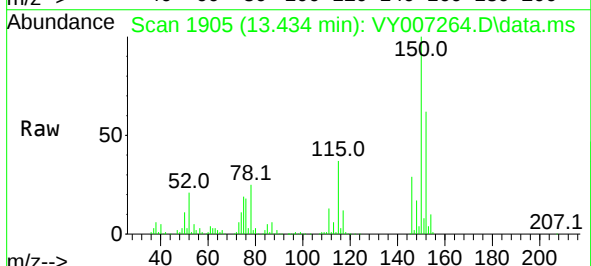
RT: 13.434 min Scan# 1905

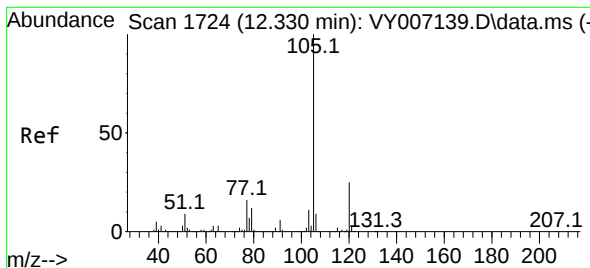
Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:	152	Resp:	66054
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.4	94.0
150	174.1	0.0	348.4





#73

Isopropylbenzene

Concen: 51.407 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 293284

Ion Ratio Lower Upper

105 100

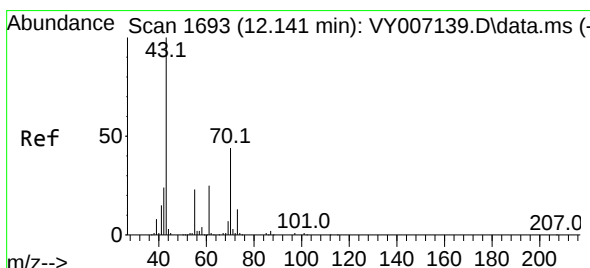
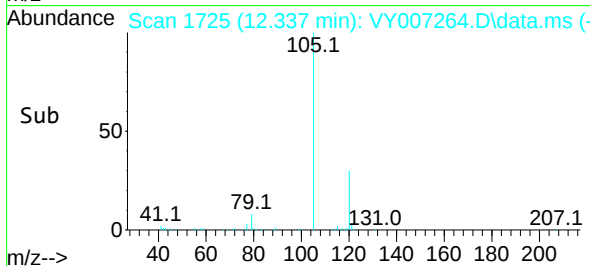
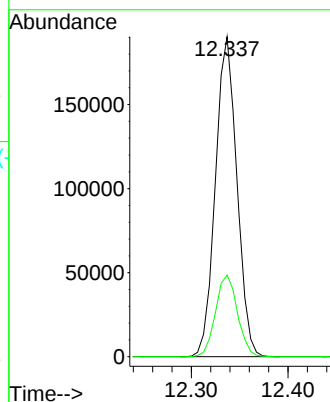
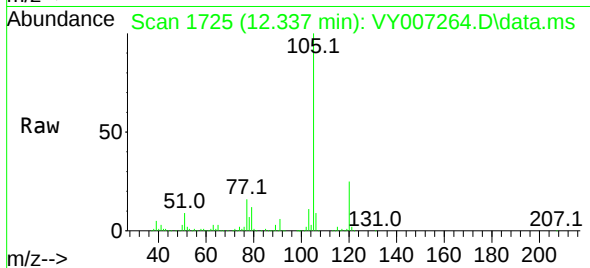
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#74

N-amy1 acetate

Concen: 49.536 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion: 43 Resp: 75573

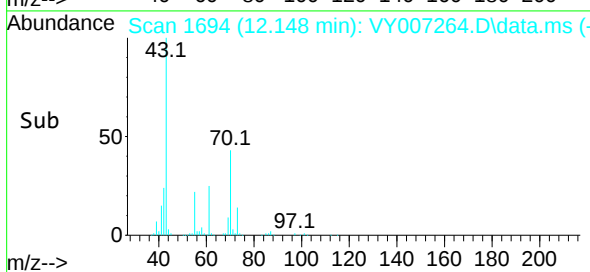
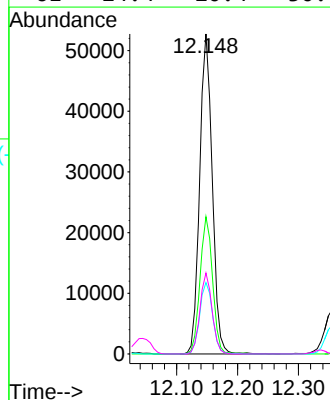
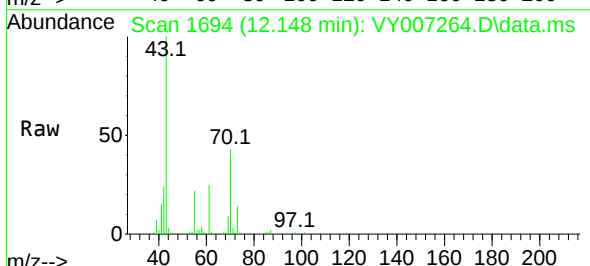
Ion Ratio Lower Upper

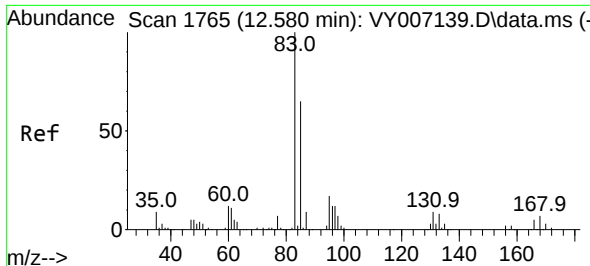
43 100

70 42.8 36.2 54.4

55 22.8 19.0 28.4

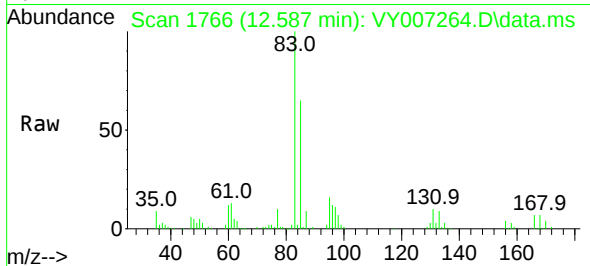
61 24.4 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 50.047 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

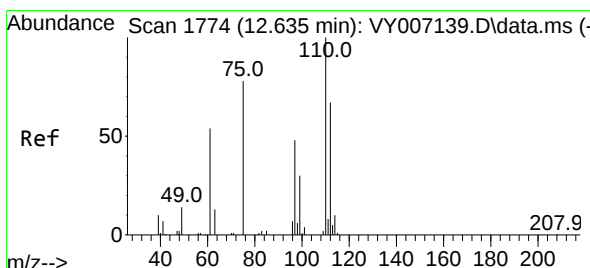
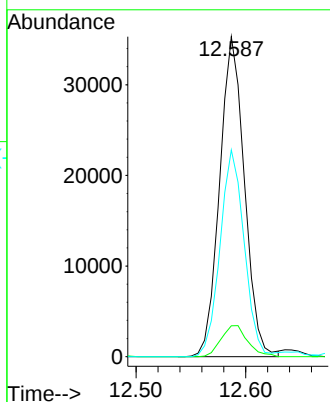
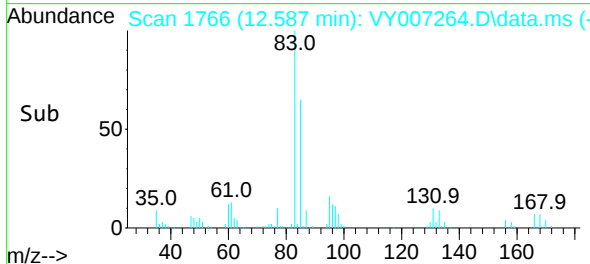
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 5552
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 62.8 32.4 97.2

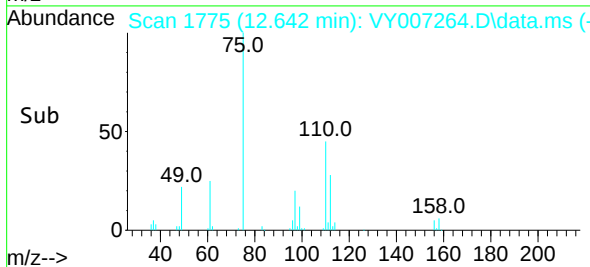
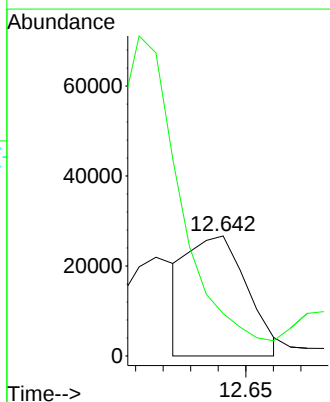
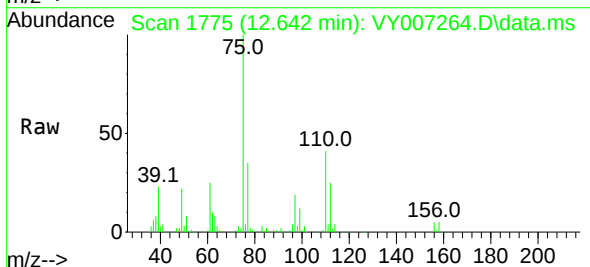
Manual Integrations
APPROVED

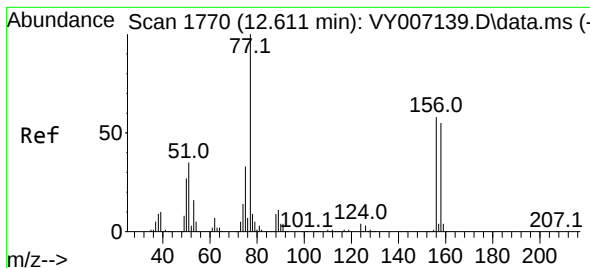
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#76
1,2,3-Trichloropropane
Concen: 53.038 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Tgt Ion: 75 Resp: 39948
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.835 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

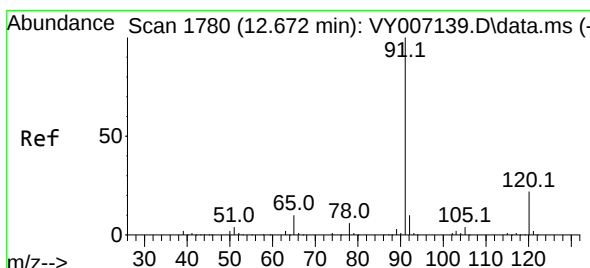
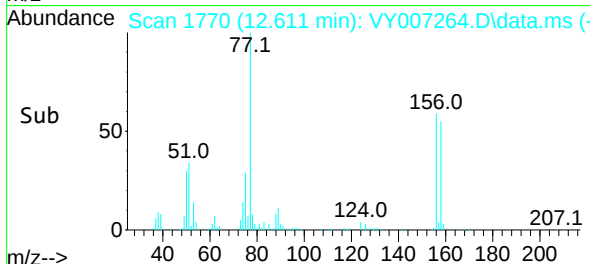
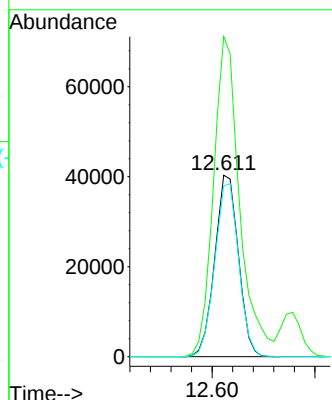
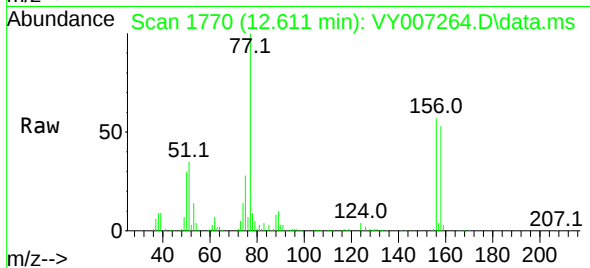
Tgt Ion:	156	Resp:	6434
Ion Ratio	Lower	Upper	
156	100		
77	195.4	98.7	296.1
158	96.3	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#78

n-propylbenzene

Concen: 50.826 ug/l

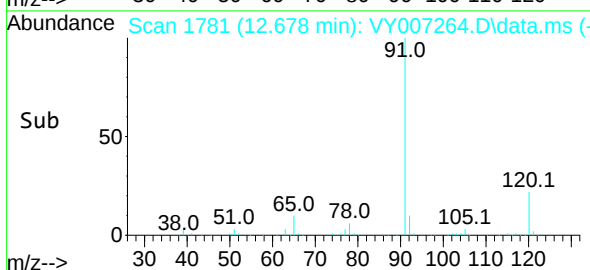
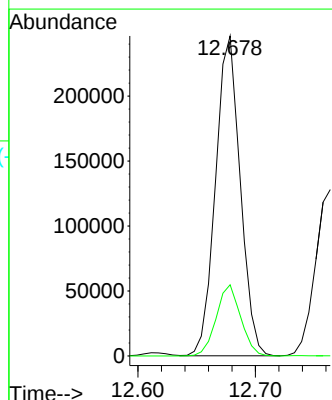
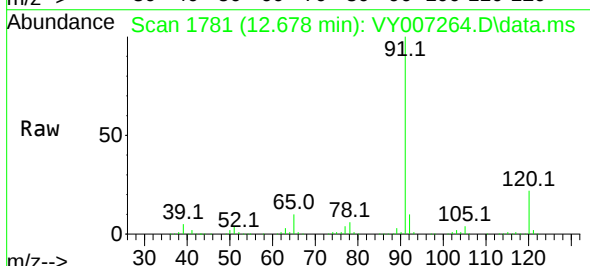
RT: 12.678 min Scan# 1781

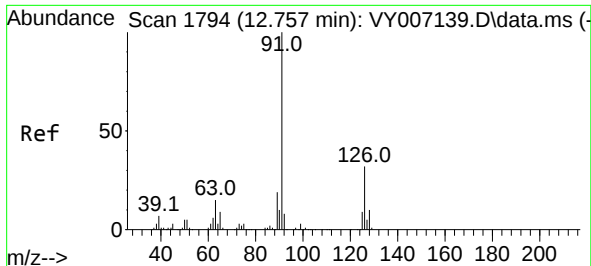
Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

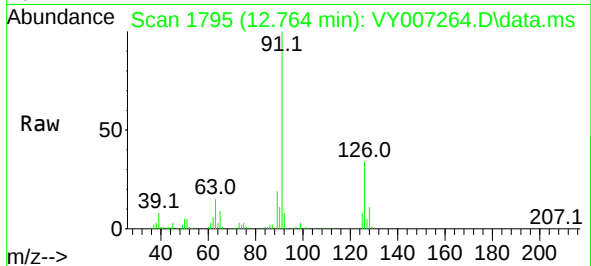
Tgt Ion:	91	Resp:	359458
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.2	33.5





#79
2-Chlorotoluene
Concen: 50.725 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

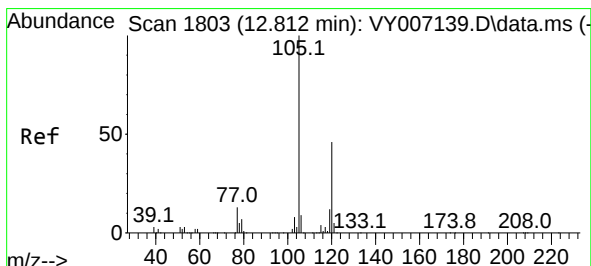
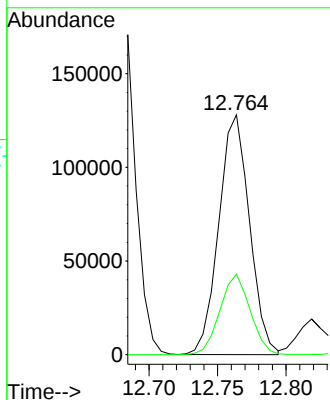
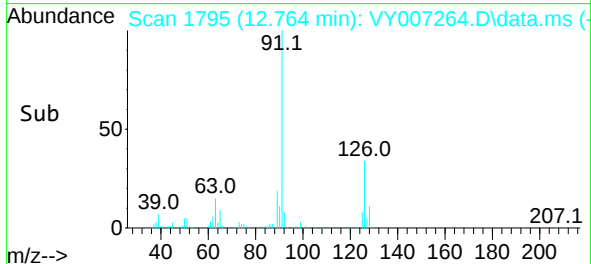
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



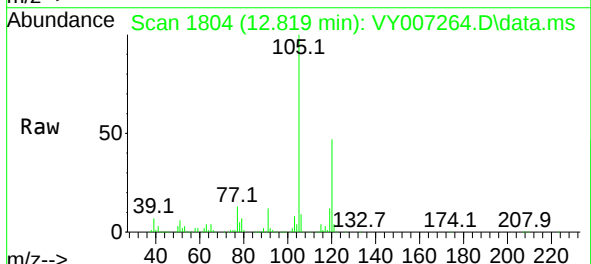
Tgt Ion: 91 Resp: 199460
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

Manual Integrations
APPROVED

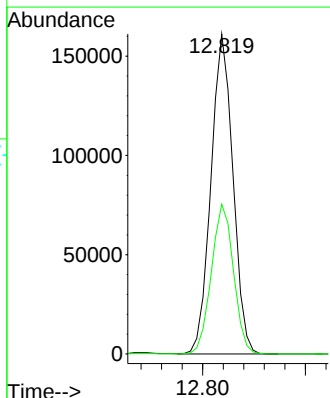
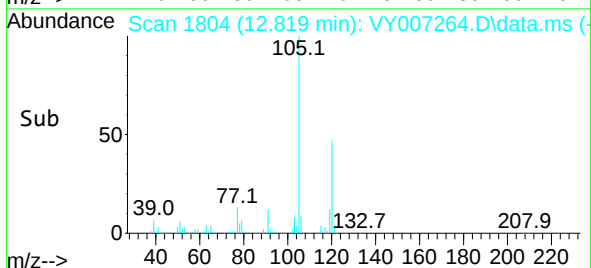
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

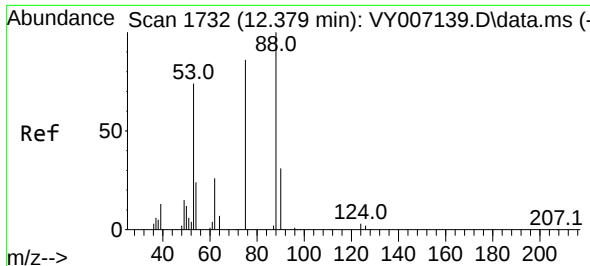


#80
1,3,5-Trimethylbenzene
Concen: 51.122 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion:105 Resp: 239476
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1





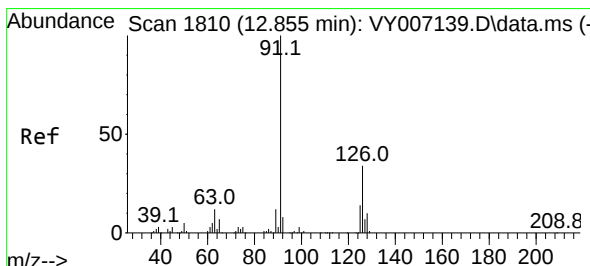
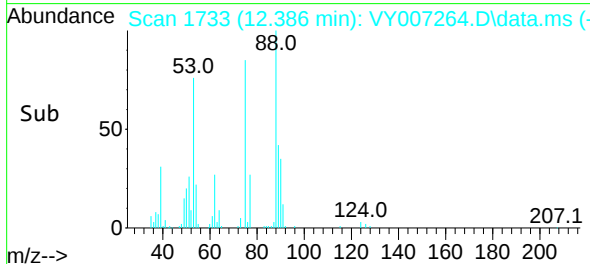
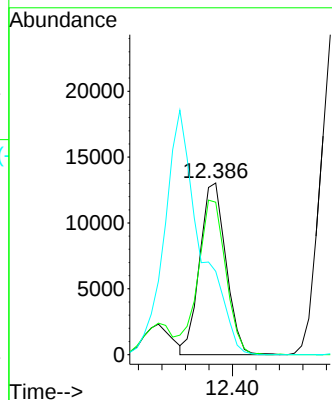
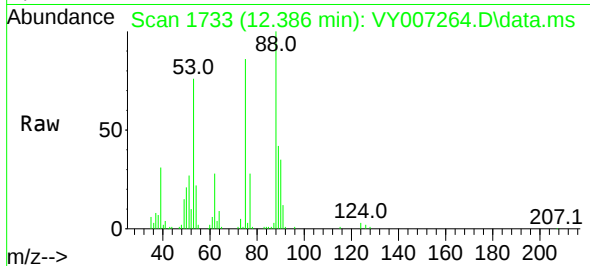
#81
trans-1,4-Dichloro-2-butene
Concen: 49.135 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2021
Ion Ratio Lower Upper
75 100
53 96.8 73.9 110.9
89 0.0 0.0 0.0

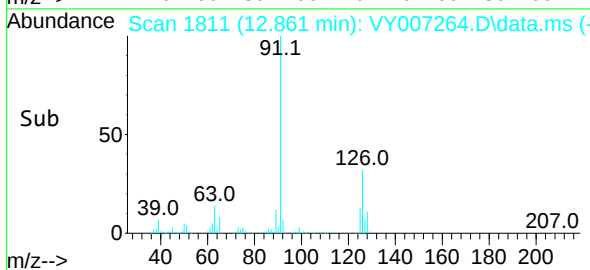
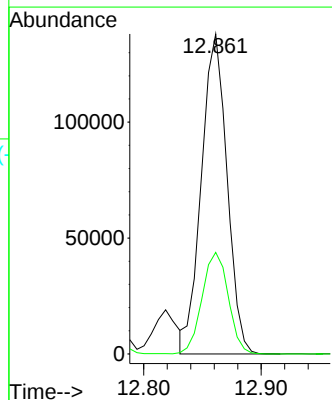
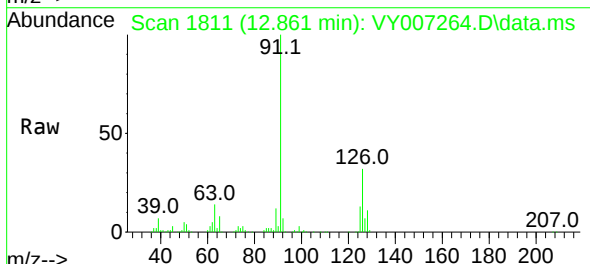
Manual Integrations
APPROVED

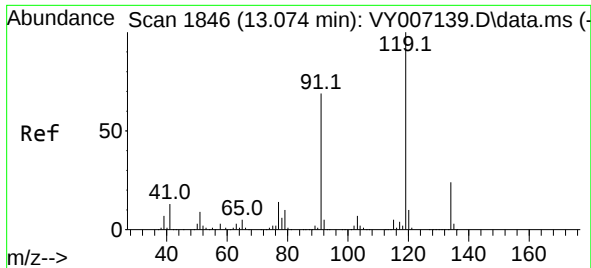
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#82
4-Chlorotoluene
Concen: 50.992 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

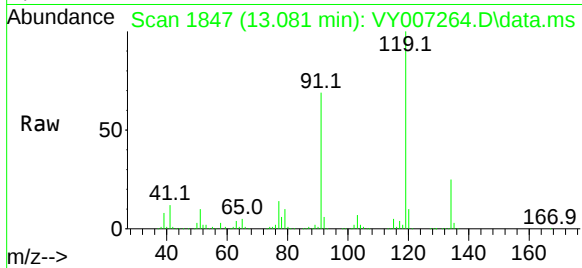
Tgt Ion: 91 Resp: 209160
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9





#83
tert-Butylbenzene
Concen: 51.897 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

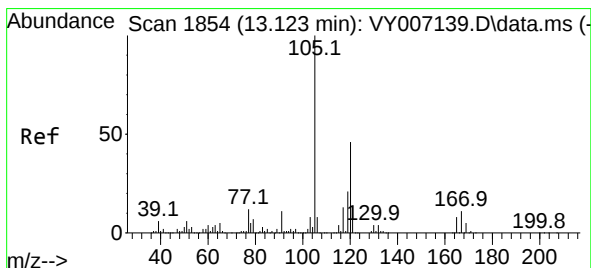
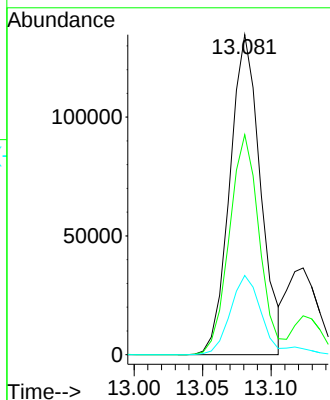
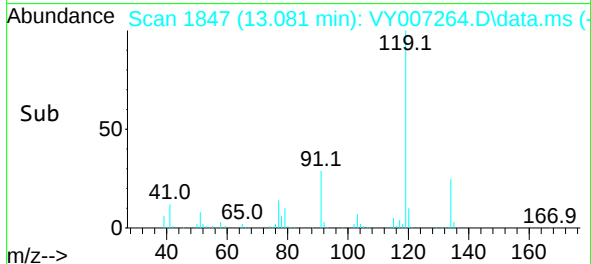
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



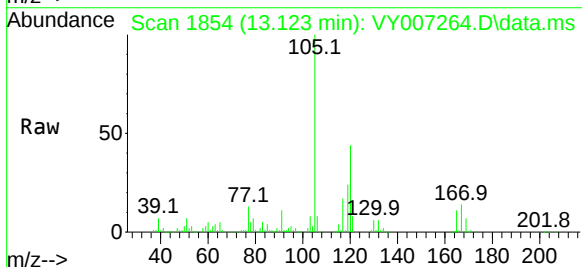
Tgt Ion:119 Resp: 210062
Ion Ratio Lower Upper
119 100
91 67.8 33.1 99.5
134 26.2 12.9 38.7

Manual Integrations
APPROVED

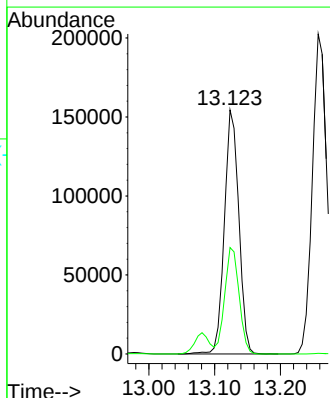
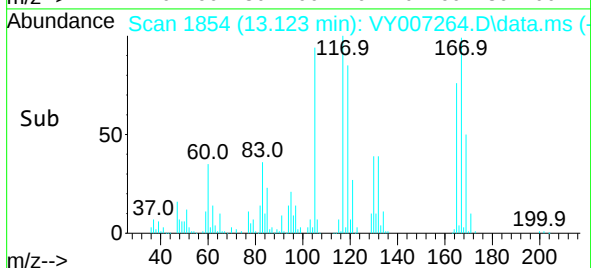
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

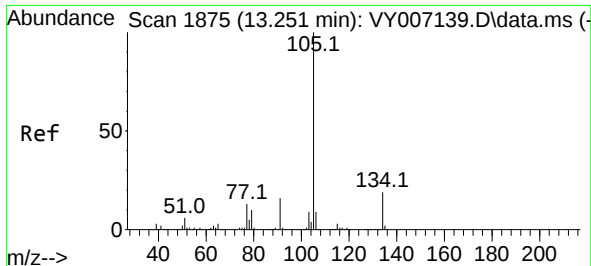


#84
1,2,4-Trimethylbenzene
Concen: 50.872 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion:105 Resp: 236212
Ion Ratio Lower Upper
105 100
120 43.4 21.6 64.6





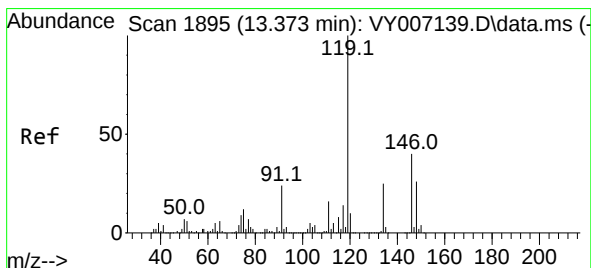
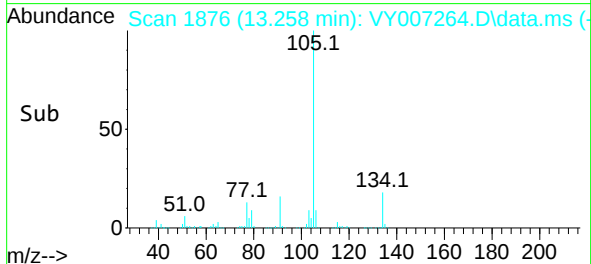
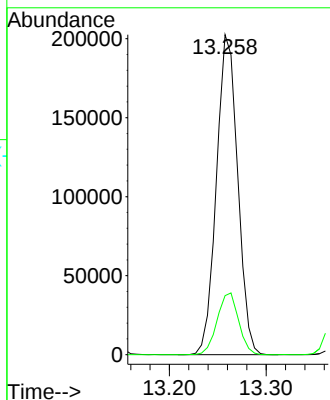
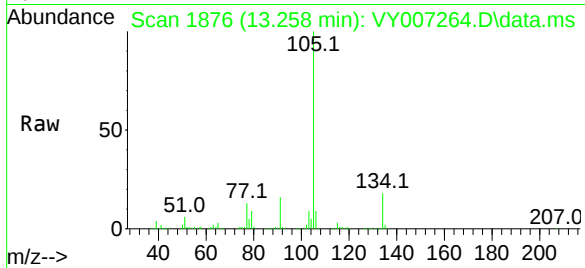
#85
 sec-Butylbenzene
 Concen: 50.975 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 308679
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

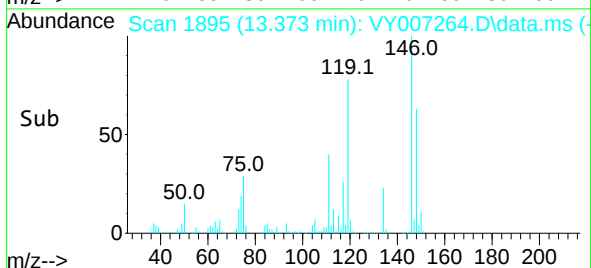
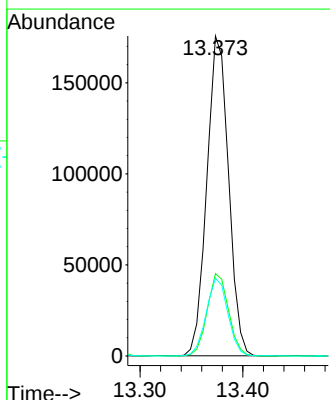
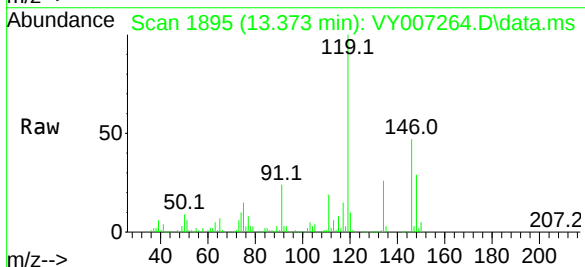
Manual Integrations
 APPROVED

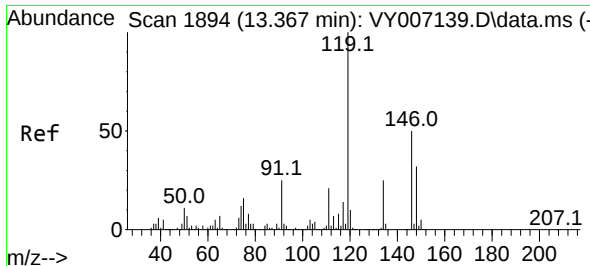
Reviewed By :John Carlone 01/25/2022
 Supervised By :Mahesh Dadoda 01/25/2022



#86
 p-Isopropyltoluene
 Concen: 51.689 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007264.D
 Acq: 24 Jan 2022 10:53

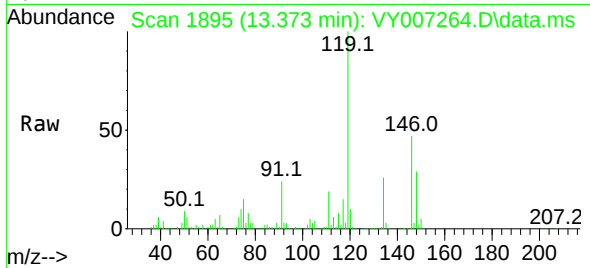
Tgt Ion:119 Resp: 257220
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.198 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

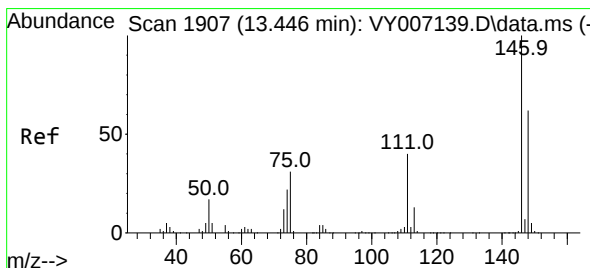
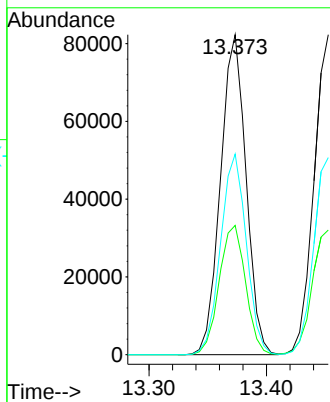
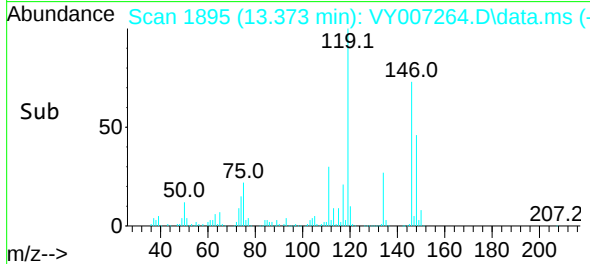
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



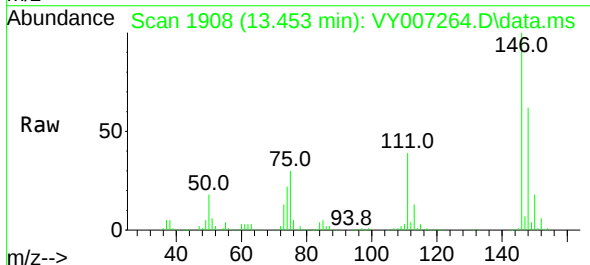
Tgt Ion:146 Resp: 12440
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.1
148 63.3 31.9 95.7

Manual Integrations
APPROVED

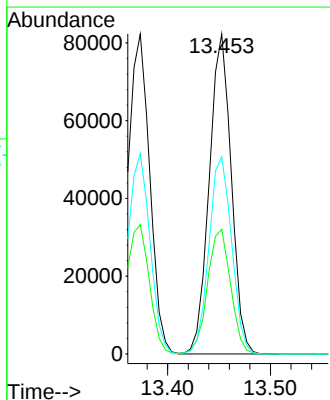
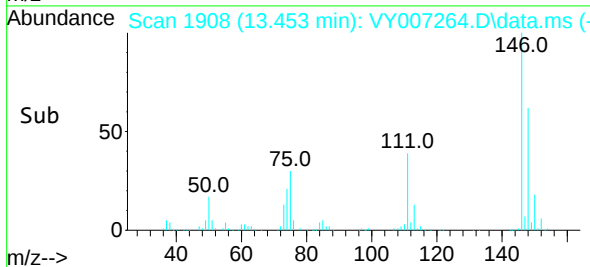
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

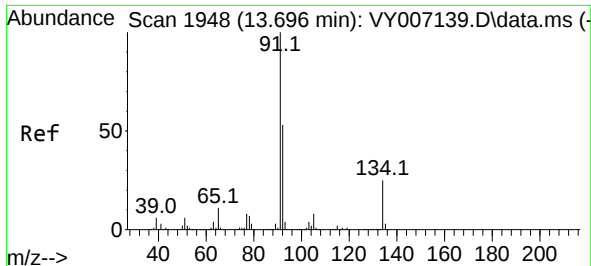


#88
1,4-Dichlorobenzene
Concen: 50.168 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion:146 Resp: 122575
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 63.6 32.0 96.2





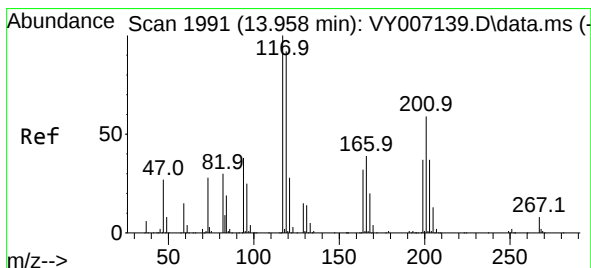
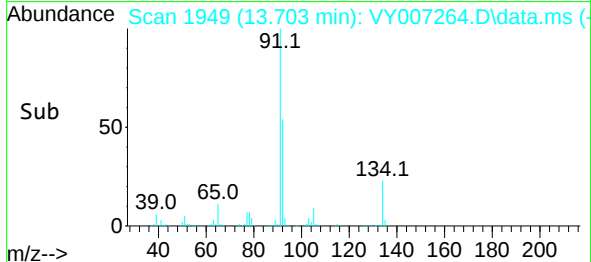
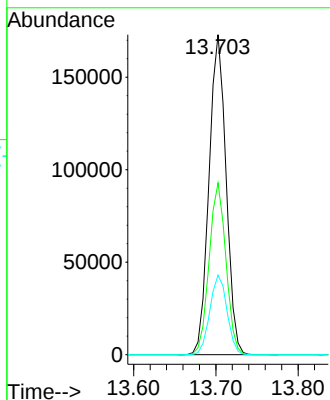
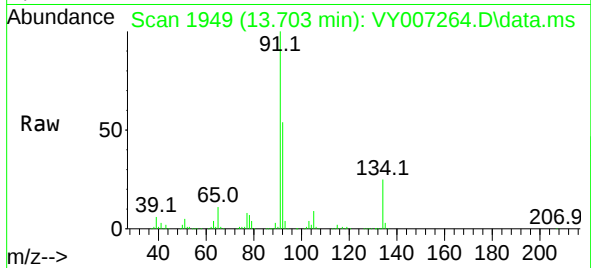
#89
n-Butylbenzene
Concen: 50.822 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 24901
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.6
134 25.0 12.6 37.6

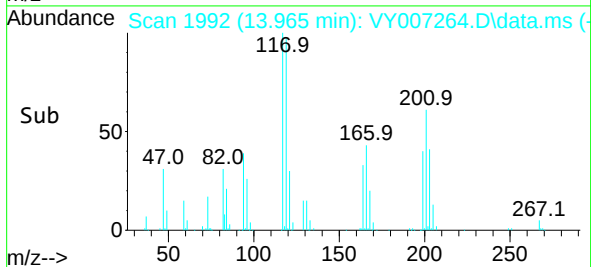
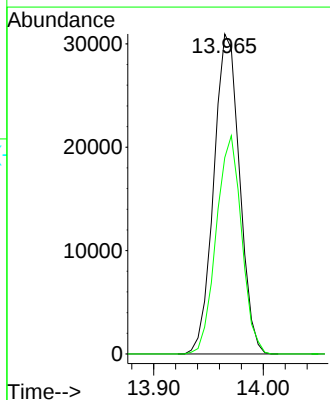
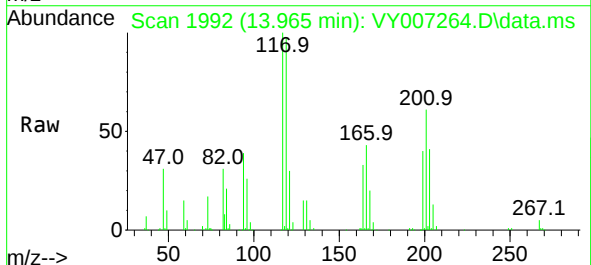
Manual Integrations
APPROVED

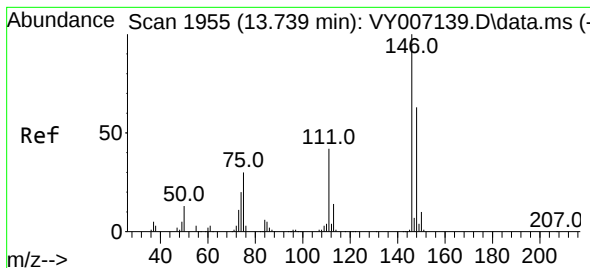
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#90
Hexachloroethane
Concen: 51.961 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

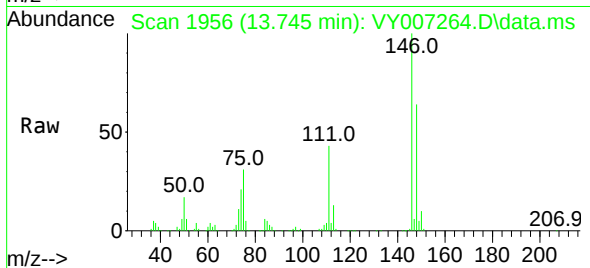
Tgt Ion:117 Resp: 50551
Ion Ratio Lower Upper
117 100
201 67.1 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 49.683 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53

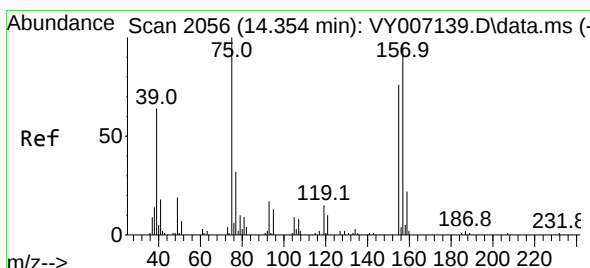
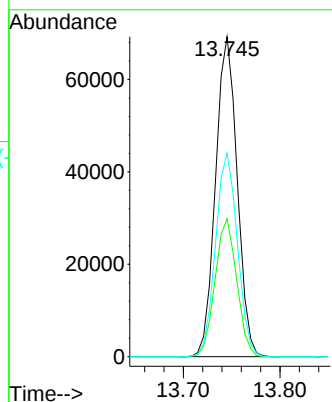
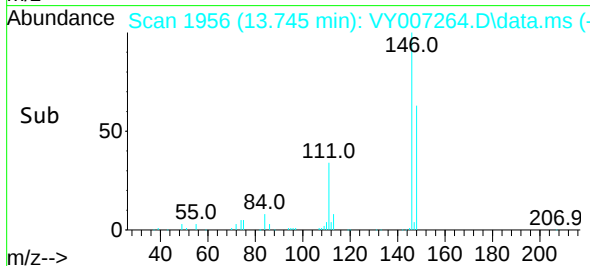
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



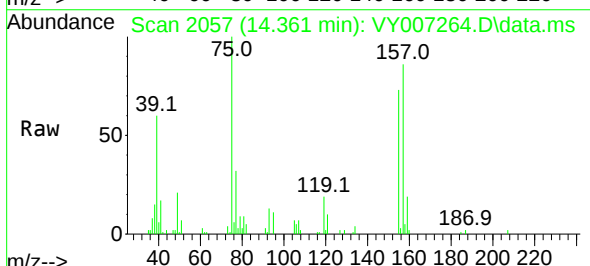
Tgt Ion:146 Resp: 10741
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.3
148 64.4 31.1 93.5

Manual Integrations
APPROVED

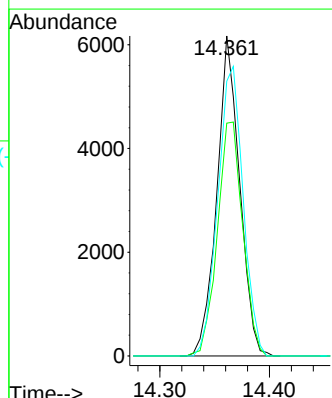
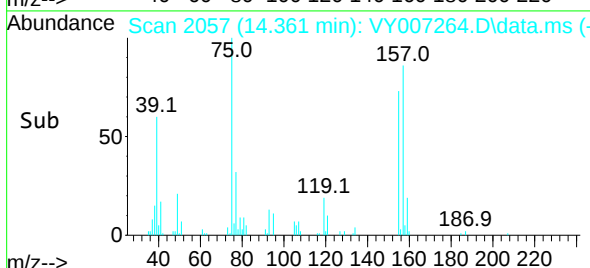
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022

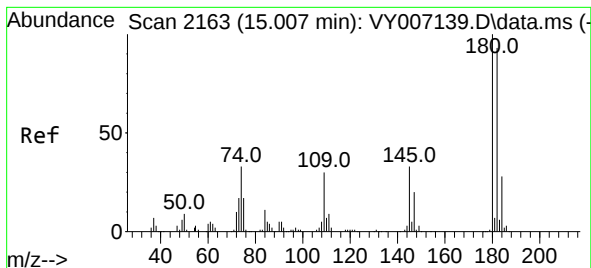


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.455 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007264.D
Acq: 24 Jan 2022 10:53



Tgt Ion: 75 Resp: 8901
Ion Ratio Lower Upper
75 100
155 81.3 40.1 120.2
157 100.5 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 50.489 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

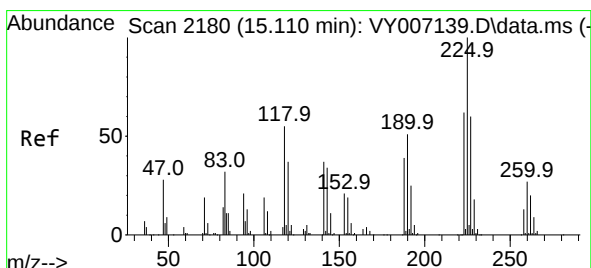
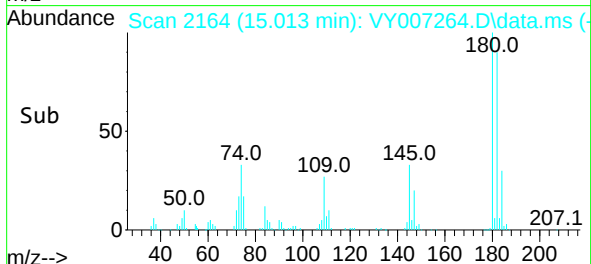
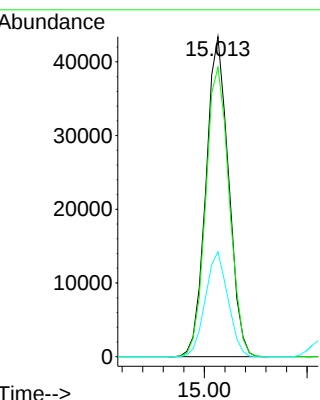
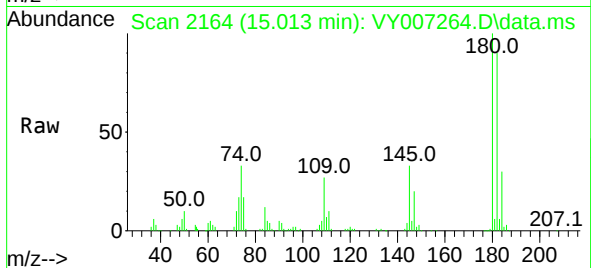
Tgt Ion:180	Resp:	66378
Ion Ratio	Lower	Upper
180	100	
182	93.4	47.6 142.8
145	32.7	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#94

Hexachlorobutadiene

Concen: 51.405 ug/l

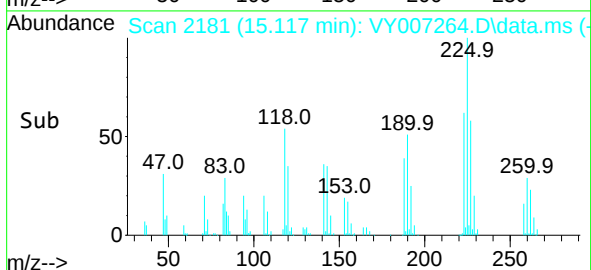
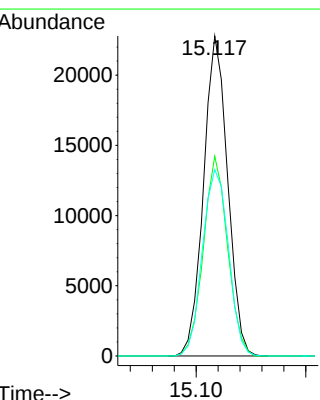
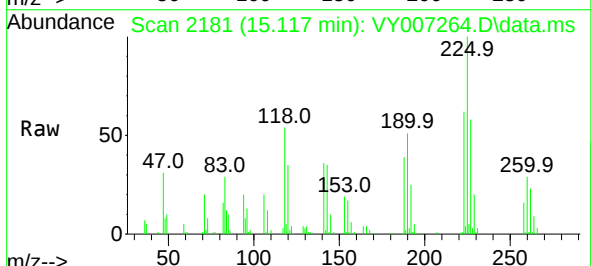
RT: 15.117 min Scan# 2181

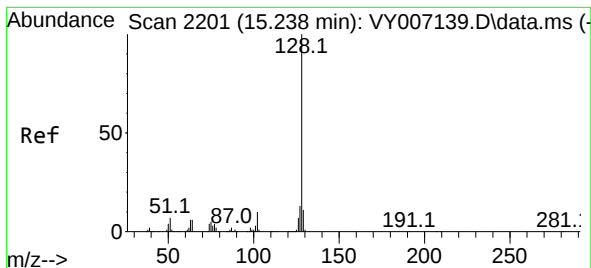
Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:225	Resp:	34831
Ion Ratio	Lower	Upper
225	100	
223	62.7	32.6 97.8
227	62.7	32.0 96.2





#95

Naphthalene

Concen: 49.201 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.007 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 13738

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

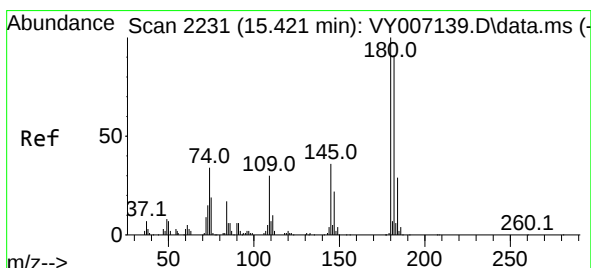
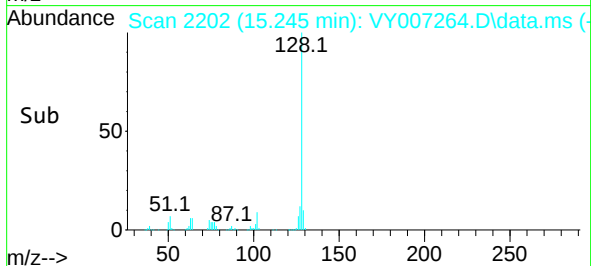
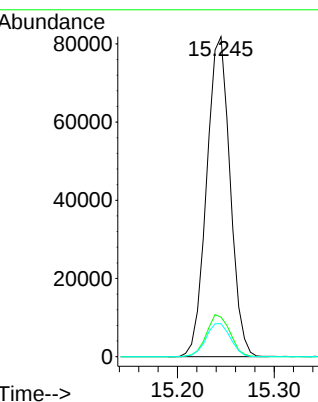
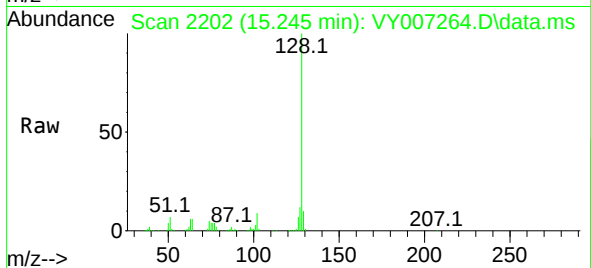
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/25/2022

Supervised By :Mahesh Dadoda 01/25/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.507 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.013 min

Lab File: VY007264.D

Acq: 24 Jan 2022 10:53

Tgt Ion:180 Resp: 56651

Ion Ratio Lower Upper

180 100

182 92.2 47.3 141.8

145 34.8 17.2 51.5

