

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007248.D
 Acq On : 21 Jan 2022 12:39
 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 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 00:22:43 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	99719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58034	47.430	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.860%		
35) Dibromofluoromethane	7.728	113	54584	46.518	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.040%		
50) Toluene-d8	10.185	98	196075	45.731	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.483	95	68717	45.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	15885	45.430	ug/l	95
3) Chloromethane	2.119	50	39435	53.781	ug/l	97
4) Vinyl Chloride	2.266	62	56127	52.593	ug/l	99
5) Bromomethane	2.668	94	38356	55.505	ug/l	99
6) Chloroethane	2.808	64	35360	53.104	ug/l	96
7) Trichlorofluoromethane	3.137	101	62228	54.105	ug/l	97
8) Diethyl Ether	3.534	74	31982	50.497	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	57124	50.977	ug/l	99
10) Methyl Iodide	4.101	142	85923	51.843	ug/l	97
11) Tert butyl alcohol	4.966	59	22839	218.303	ug/l	97
12) 1,1-Dichloroethene	3.887	96	56813	50.349	ug/l	96
13) Acrolein	3.735	56	5533	218.699	ug/l	92
14) Allyl chloride	4.491	41	88226	48.763	ug/l	95
15) Acrylonitrile	5.174	53	75550	248.205	ug/l	100
16) Acetone	3.954	43	71768	226.008	ug/l	100
17) Carbon Disulfide	4.204	76	154253	49.226	ug/l	99
18) Methyl Acetate	4.485	43	50771	44.934	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	117034	52.684	ug/l	99
20) Methylene Chloride	4.722	84	64047	48.776	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	61213	50.039	ug/l	95
22) Diisopropyl ether	6.125	45	189719	51.759	ug/l	99
23) Vinyl Acetate	6.070	43	553942	256.981	ug/l	99
24) 1,1-Dichloroethane	6.027	63	114593	51.394	ug/l	99
25) 2-Butanone	6.990	43	94227	229.511	ug/l	98
26) 2,2-Dichloropropane	6.990	77	86886	53.469	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	70987	51.155	ug/l	98
28) Bromochloromethane	7.344	49	45467	56.373	ug/l	95
29) Tetrahydrofuran	7.356	42	61996	234.909	ug/l	99
30) Chloroform	7.515	83	125388	54.123	ug/l	97
31) Cyclohexane	7.795	56	98348	47.543	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	105466	53.261	ug/l	99
36) 1,1-Dichloropropene	7.923	75	92663	49.445	ug/l	98
37) Ethyl Acetate	7.076	43	44961	46.749	ug/l	97
38) Carbon Tetrachloride	7.911	117	97816	49.622	ug/l	98
39) Methylcyclohexane	9.191	83	110006	48.076	ug/l	97
40) Benzene	8.167	78	247430	49.496	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23598	42.607	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	78886	50.112	ug/l	98
43) Isopropyl Acetate	8.277	43	87775	46.904	ug/l	99
44) Trichloroethene	8.947	130	66229	48.959	ug/l	96
45) 1,2-Dichloropropane	9.222	63	63076	49.618	ug/l	95
46) Dibromomethane	9.313	93	36236	48.202	ug/l	98
47) Bromodichloromethane	9.502	83	94549	51.161	ug/l	99
48) Methyl methacrylate	9.295	41	38082	44.739	ug/l	96
49) 1,4-Dioxane	9.307	88	7486	923.571	ug/l #	82
51) 4-Methyl-2-Pentanone	10.075	43	220259	232.124	ug/l	97
52) Toluene	10.252	92	157089	49.575	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	96824	49.632	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	108565	49.715	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	48848	47.905	ug/l	97
56) Ethyl methacrylate	10.514	69	68542	47.714	ug/l	97
57) 1,3-Dichloropropane	10.795	76	86747	48.806	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	146133	223.718	ug/l	99
59) 2-Hexanone	10.837	43	144718	224.729	ug/l	98
60) Dibromochloromethane	10.990	129	61466	49.036	ug/l	100
61) 1,2-Dibromoethane	11.093	107	47523	47.440	ug/l	98
64) Tetrachloroethene	10.727	164	52459	47.081	ug/l	98
65) Chlorobenzene	11.520	112	166104	49.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	62534	49.909	ug/l	100
67) Ethyl Benzene	11.599	91	312829	49.243	ug/l	99
68) m/p-Xylenes	11.709	106	231268	97.961	ug/l	99
69) o-Xylene	12.032	106	109413	49.213	ug/l	99
70) Styrene	12.050	104	184989	49.323	ug/l	100
71) Bromoform	12.215	173	34430	47.506	ug/l #	98
73) Isopropylbenzene	12.337	105	292691	49.070	ug/l	100
74) N-amyl acetate	12.148	43	73955	46.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	53881	46.454	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	39669m	50.376	ug/l	
77) Bromobenzene	12.611	156	63309	48.779	ug/l	99
78) n-propylbenzene	12.678	91	361162	48.844	ug/l	100
79) 2-Chlorotoluene	12.764	91	199535	48.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	238069	48.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	20146	46.836	ug/l #	99
82) 4-Chlorotoluene	12.861	91	209210	48.784	ug/l	100
83) tert-Butylbenzene	13.081	119	210947	49.847	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	236739	48.767	ug/l	100
85) sec-Butylbenzene	13.258	105	309394	48.869	ug/l	99
86) p-Isopropyltoluene	13.373	119	254153	48.850	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	123719	48.700	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	121830	47.692	ug/l	99
89) n-Butylbenzene	13.703	91	248975	48.602	ug/l	99
90) Hexachloroethane	13.965	117	49499	48.665	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	107455	47.539	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8572	42.790	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	64945	47.248	ug/l	99
94) Hexachlorobutadiene	15.117	225	34336	48.469	ug/l	98
95) Naphthalene	15.239	128	130564	44.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	54814	46.742	ug/l	100

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

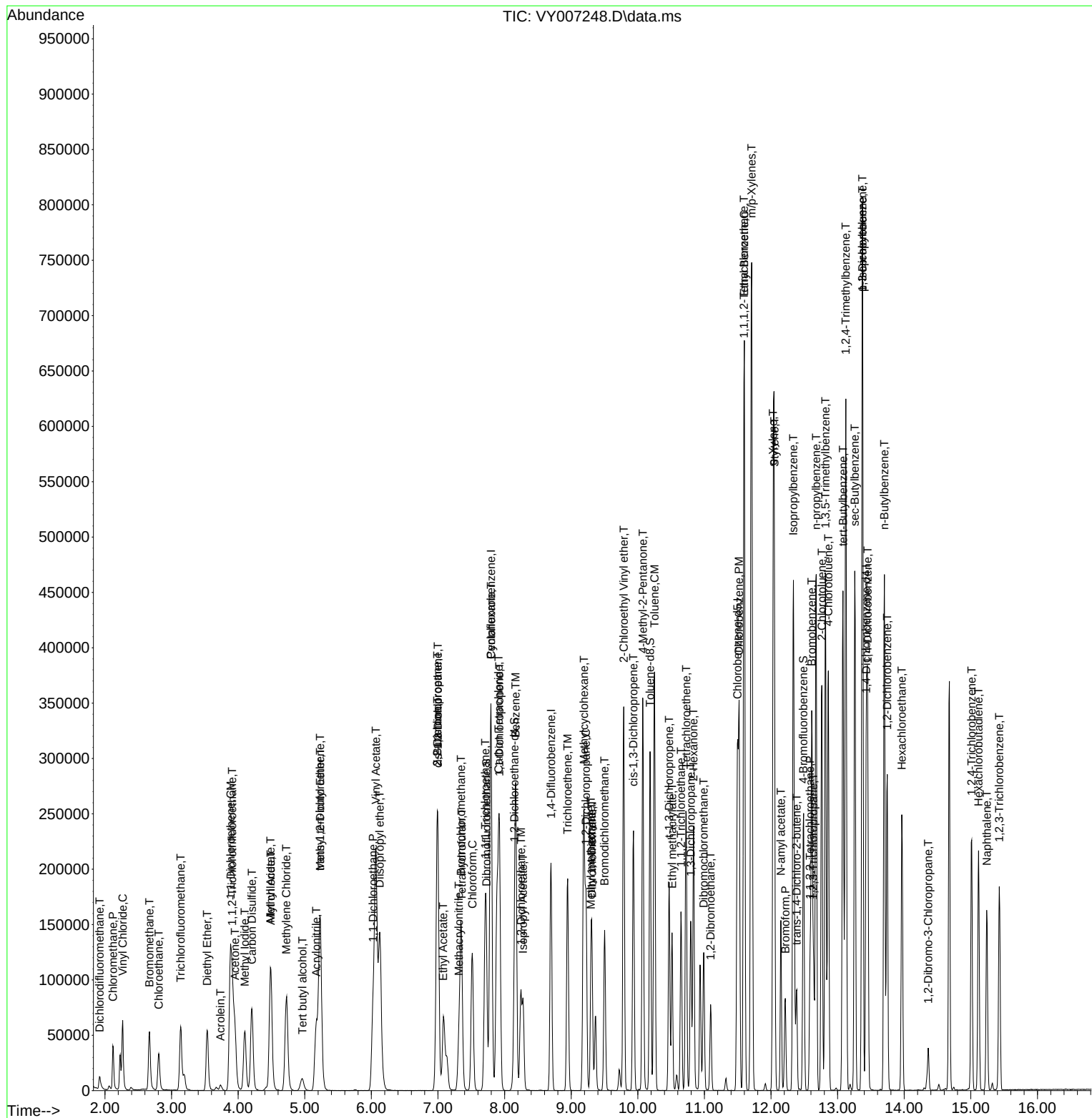
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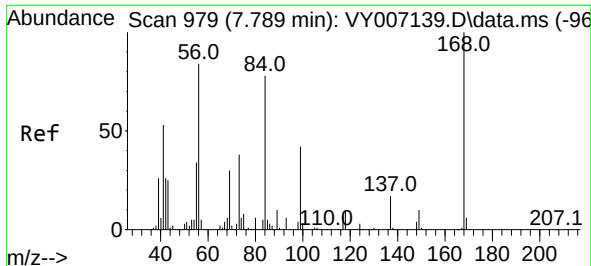
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Manual Integrations APPROVED

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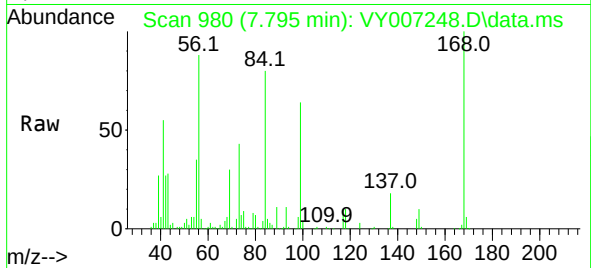
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

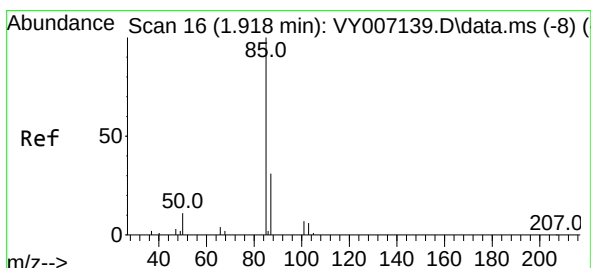
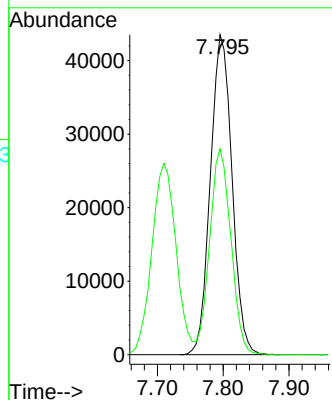
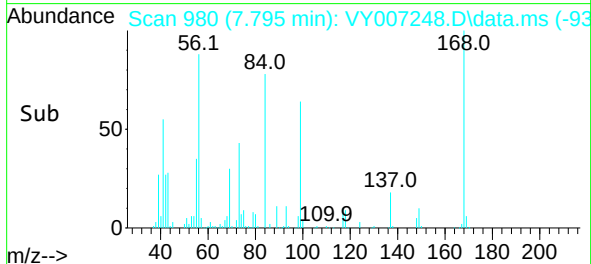
Instrument :
MSVOA_Y
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VSTDCCC050



Tgt Ion:168 Resp: 99719
Ion Ratio Lower Upper
168 100
99 64.3 49.1 73.7

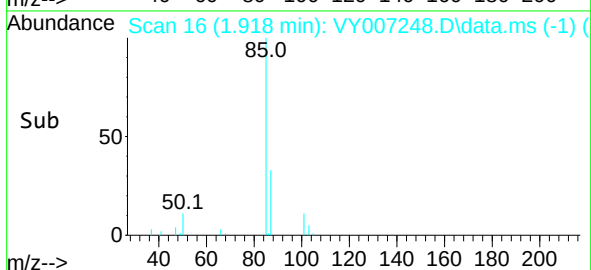
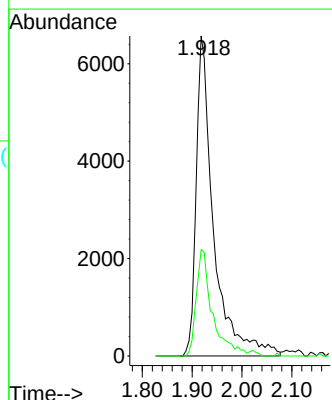
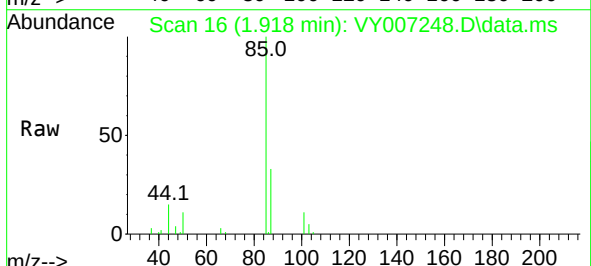
Manual Integrations
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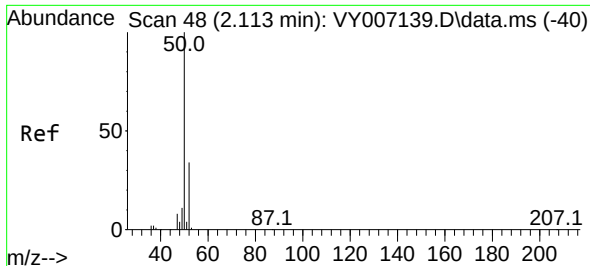
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#2
Dichlorodifluoromethane
Concen: 45.430 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

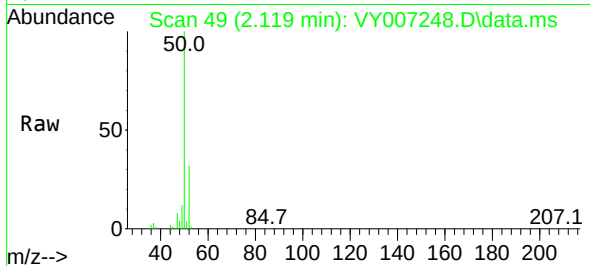
Tgt Ion: 85 Resp: 15885
Ion Ratio Lower Upper
85 100
87 33.2 15.2 45.6





#3
Chloromethane
Concen: 53.781 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

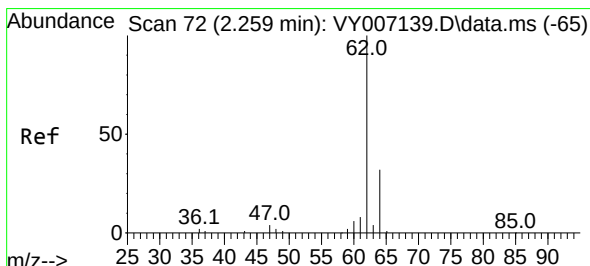
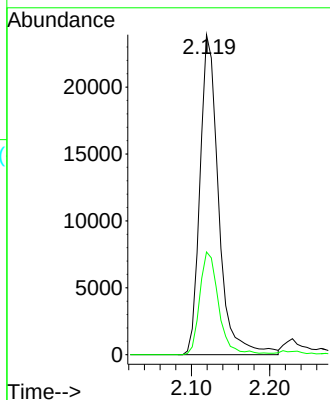
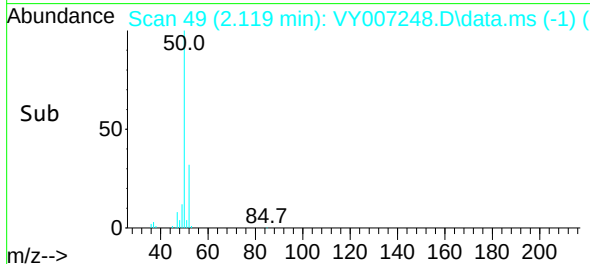
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 3943
Ion Ratio Lower Upper
50 100
52 32.1 27.1 40.7

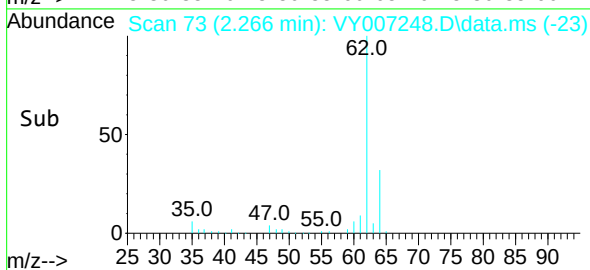
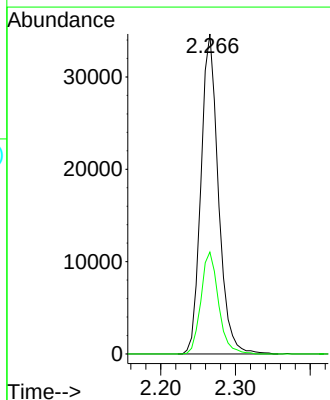
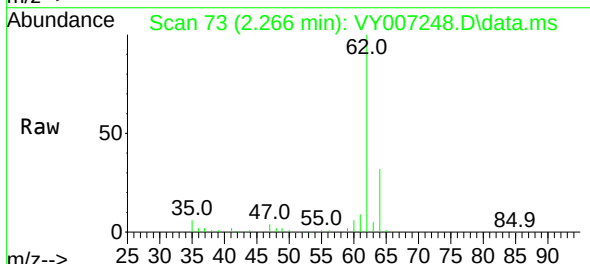
Manual Integrations
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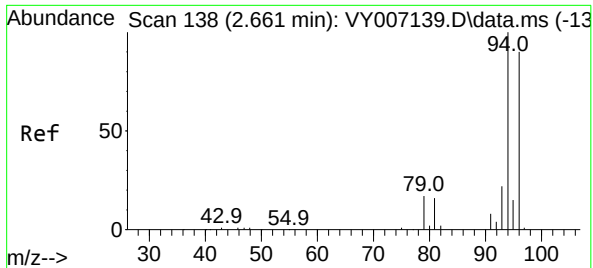
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#4
Vinyl Chloride
Concen: 52.593 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

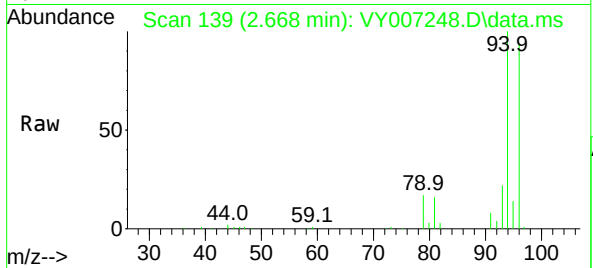
Tgt Ion: 62 Resp: 56127
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1





#5
Bromomethane
Concen: 55.505 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

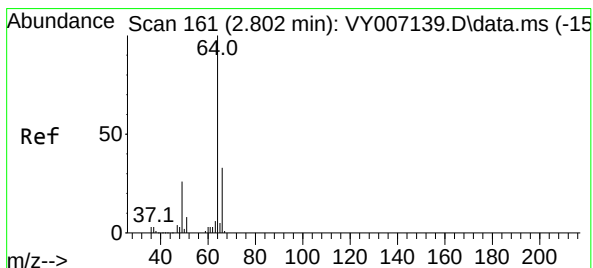
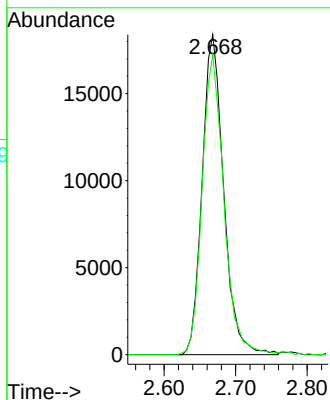
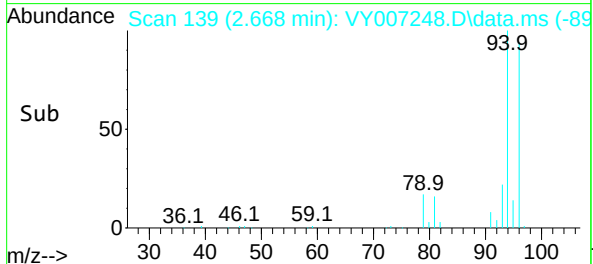
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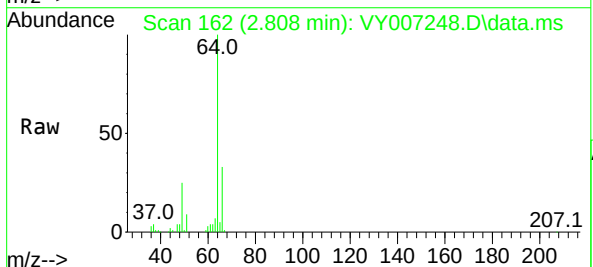
Tgt Ion: 94 Resp: 38350
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6

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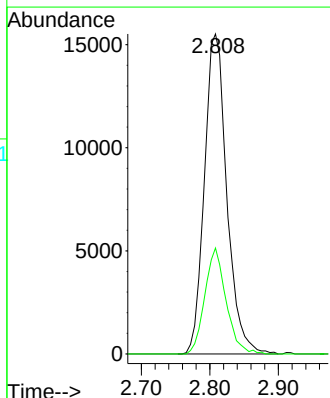
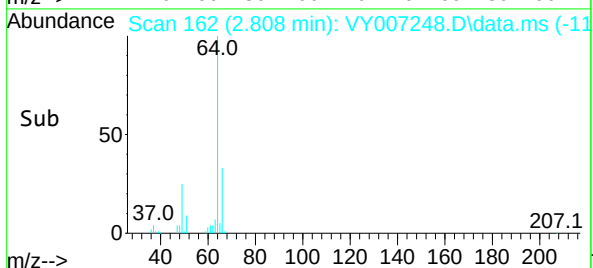
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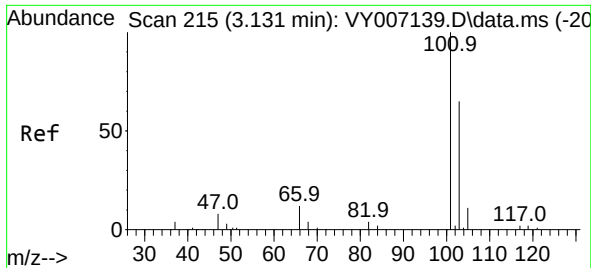


#6
Chloroethane
Concen: 53.104 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 64 Resp: 35360
Ion Ratio Lower Upper
64 100
66 33.1 24.8 37.2





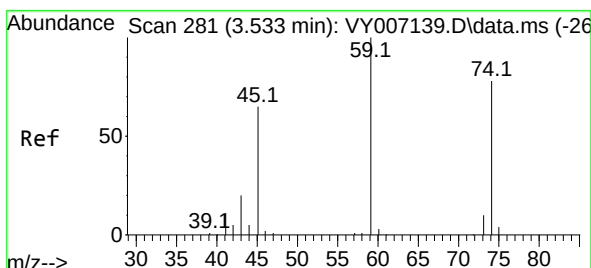
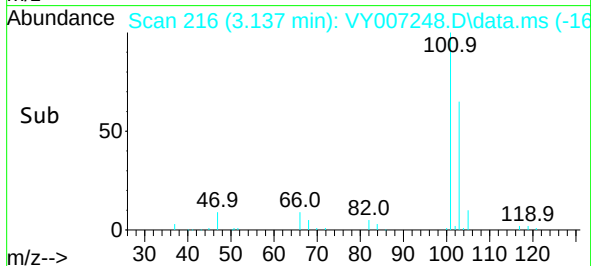
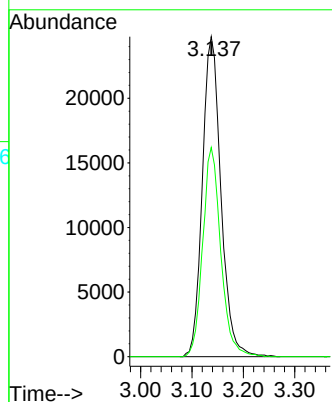
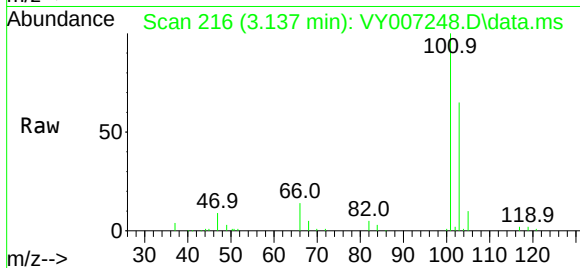
#7
Trichlorofluoromethane
Concen: 54.105 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:101 Resp: 62228
Ion Ratio Lower Upper
101 100
103 65.3 50.6 76.0

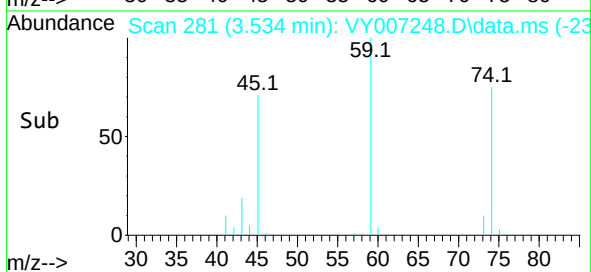
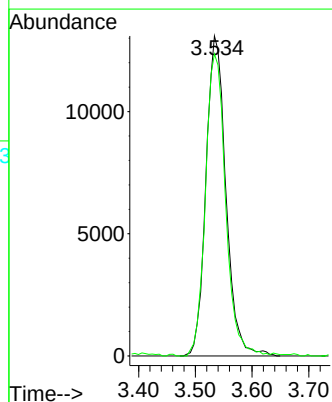
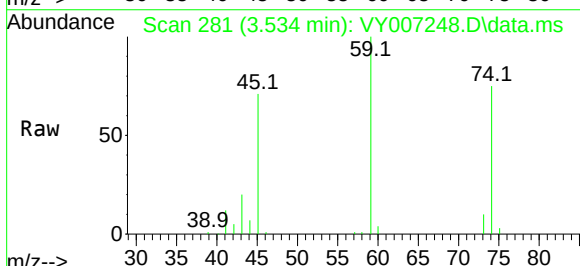
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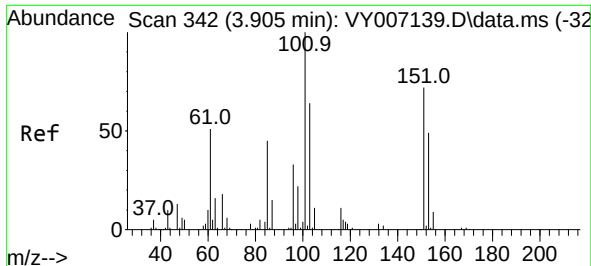
Reviewed By :John Carlone 01/24/2022
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#8
Diethyl Ether
Concen: 50.497 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion: 74 Resp: 31982
Ion Ratio Lower Upper
74 100
45 95.2 46.1 138.3





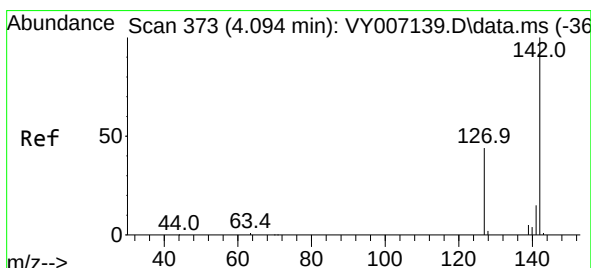
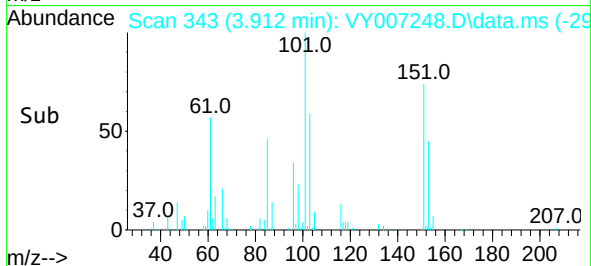
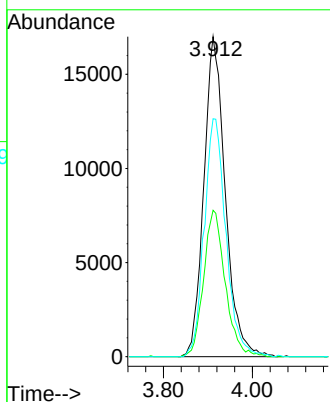
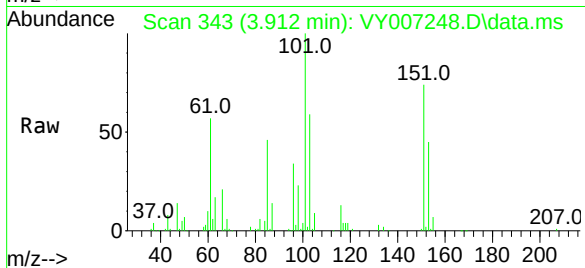
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.977 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 57124
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.0
151 75.3 60.4 90.6

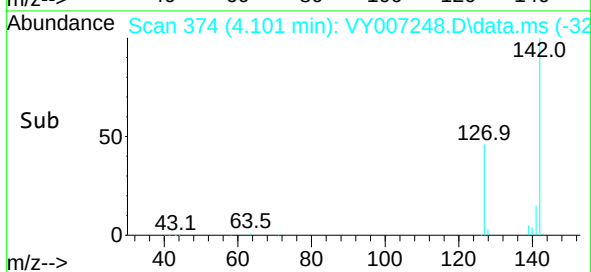
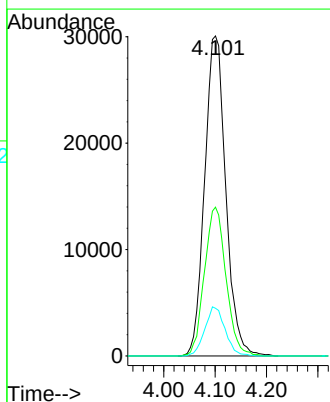
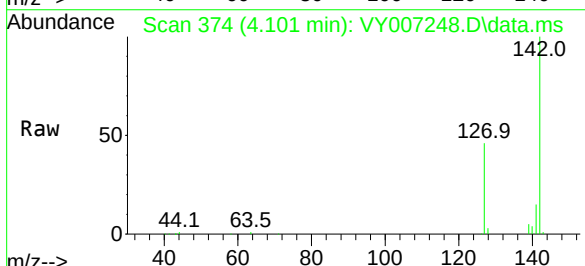
Manual Integrations
APPROVED

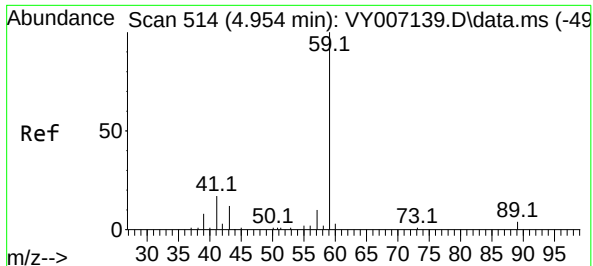
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#10
Methyl Iodide
Concen: 51.843 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion:142 Resp: 85923
Ion Ratio Lower Upper
142 100
127 47.5 36.2 54.4
141 14.8 11.5 17.3





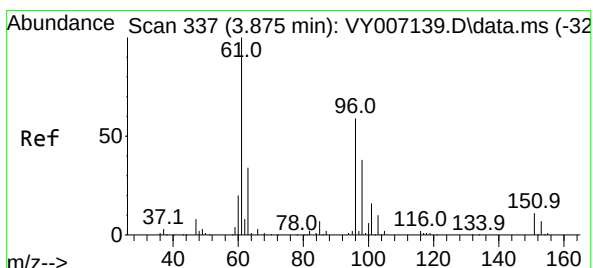
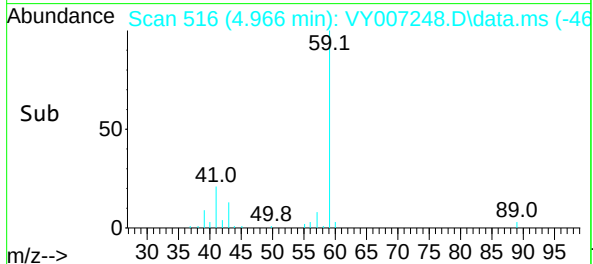
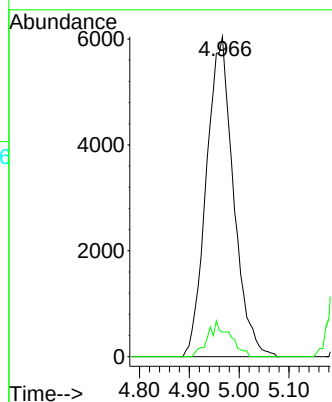
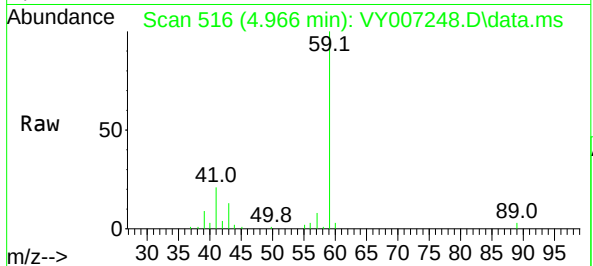
#11
Tert butyl alcohol
Concen: 218.303 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 22839
Ion Ratio Lower Upper
59 100
57 9.1 8.1 12.1

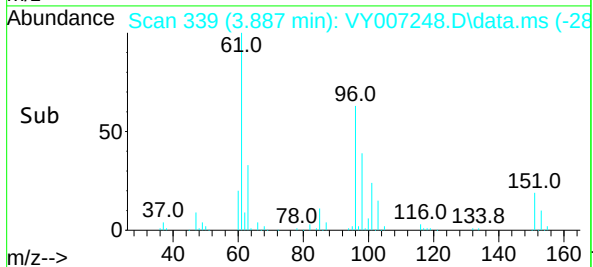
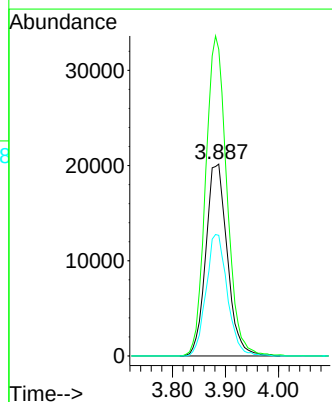
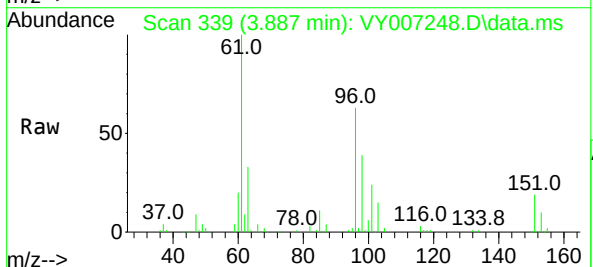
Manual Integrations
APPROVED

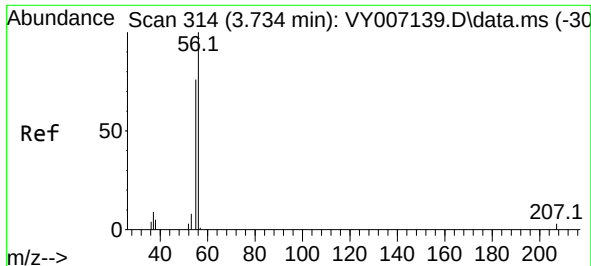
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#12
1,1-Dichloroethene
Concen: 50.349 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

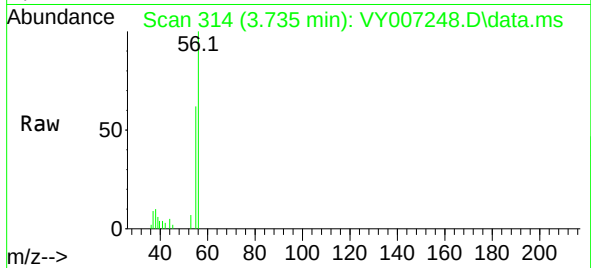
Tgt Ion: 96 Resp: 56813
Ion Ratio Lower Upper
96 100
61 159.8 131.9 197.9
98 62.8 52.7 79.1





#13
Acrolein
Concen: 218.699 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.001 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

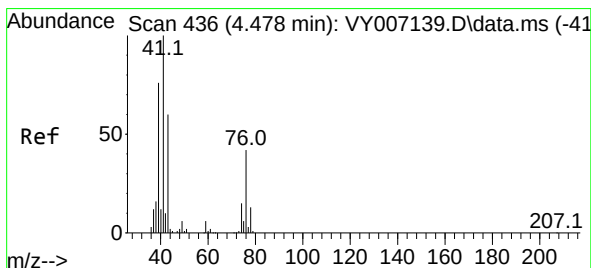
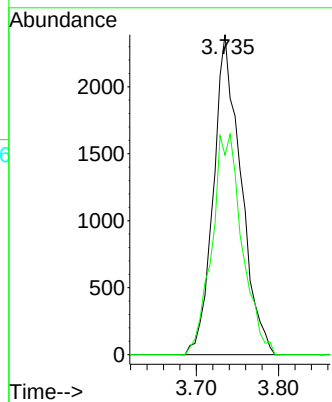
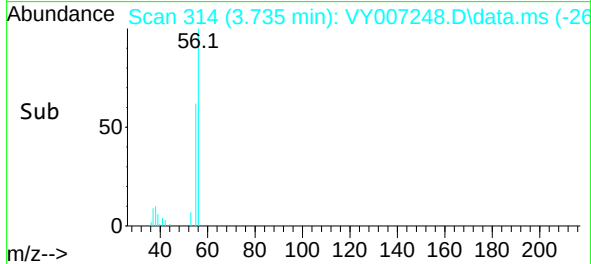
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



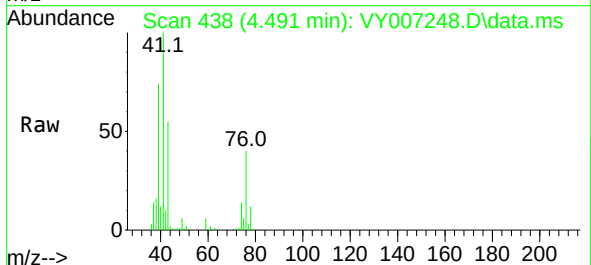
Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 76.1 55.7 83.5

Manual Integrations
APPROVED

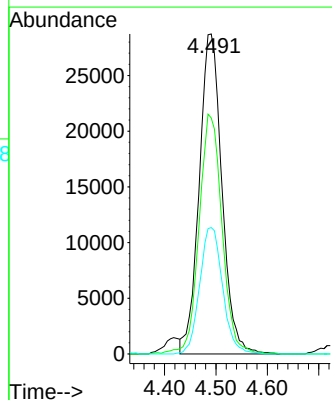
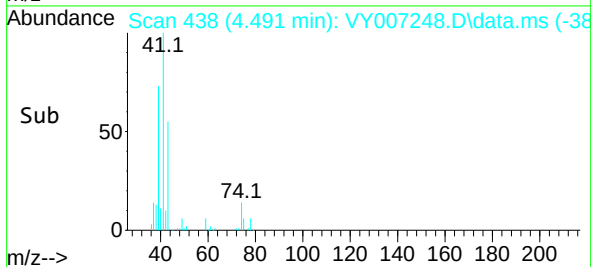
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

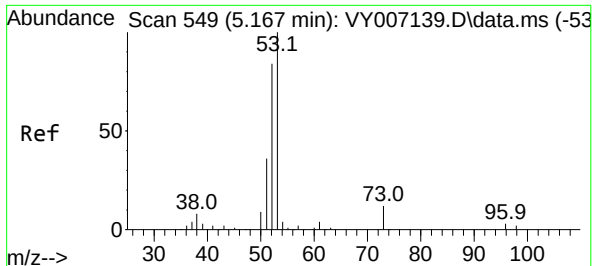


#14
Allyl chloride
Concen: 48.763 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 41 Resp: 88226
Ion Ratio Lower Upper
41 100
39 75.7 56.1 84.1
76 39.9 31.4 47.2





#15

Acrylonitrile

Concen: 248.205 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

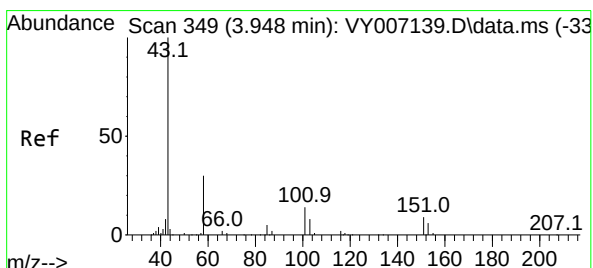
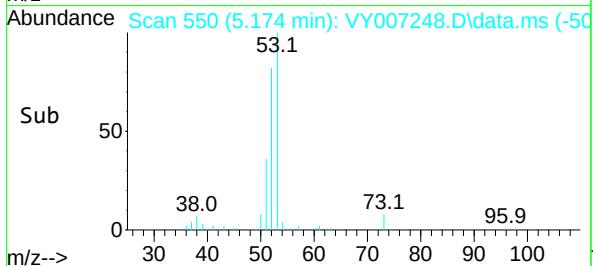
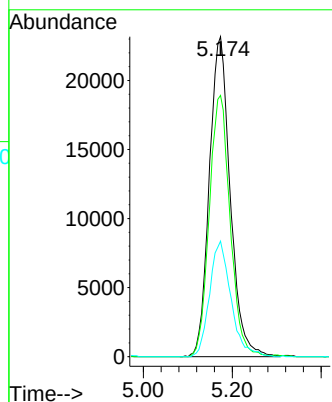
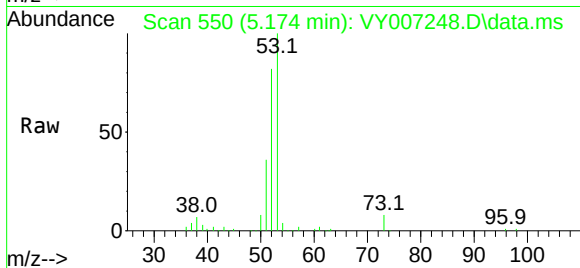
Tgt Ion: 53	Resp: 75550
Ion Ratio	Lower Upper
53 100	
52 81.6	65.4 98.2
51 37.0	29.4 44.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#16

Acetone

Concen: 226.008 ug/l

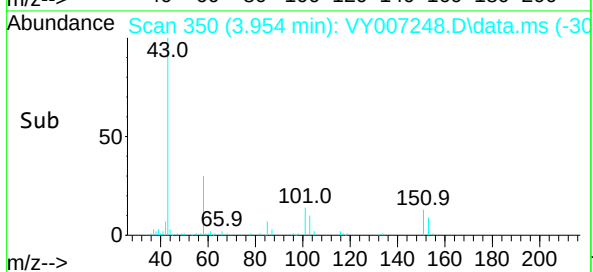
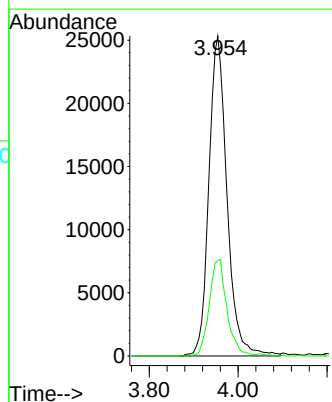
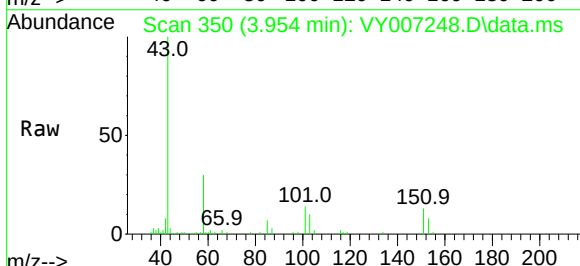
RT: 3.954 min Scan# 350

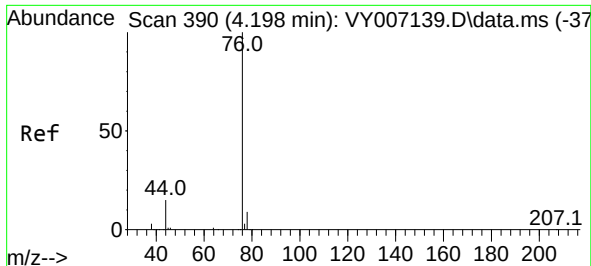
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

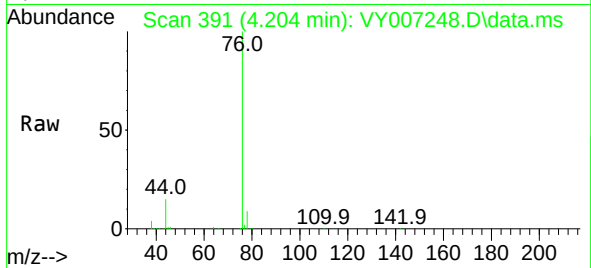
Tgt Ion: 43	Resp: 71768
Ion Ratio	Lower Upper
43 100	
58 29.9	23.8 35.6





#17
Carbon Disulfide
Concen: 49.226 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

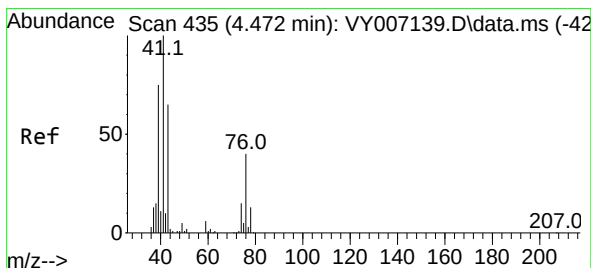
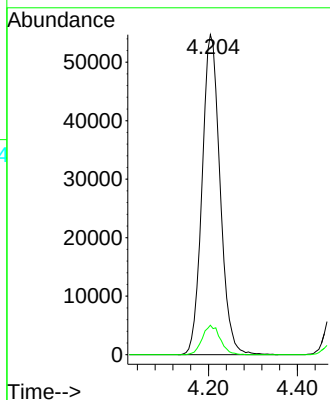
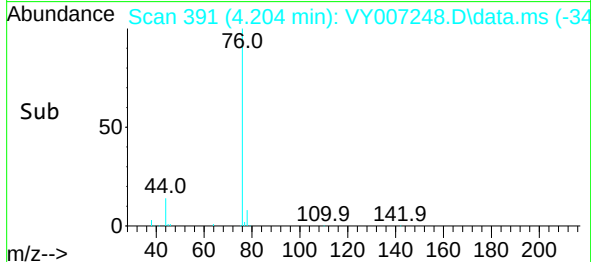
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 15425
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

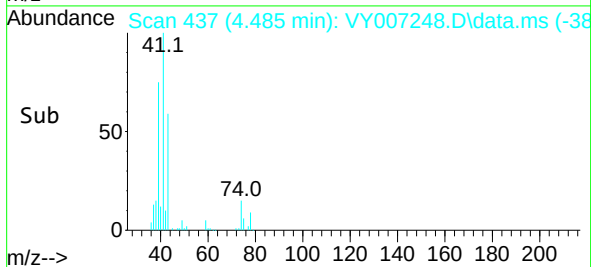
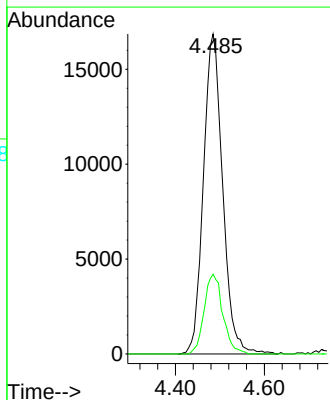
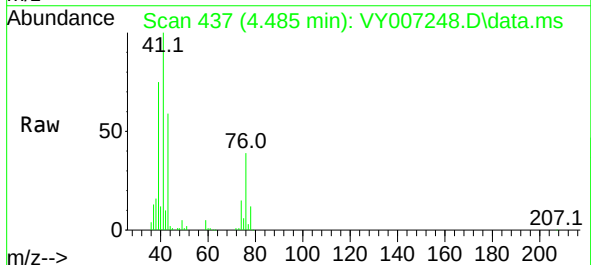
Manual Integrations
APPROVED

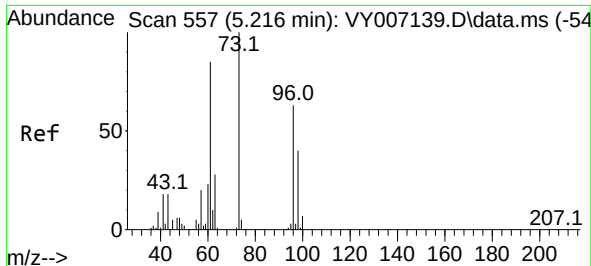
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#18
Methyl Acetate
Concen: 44.934 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

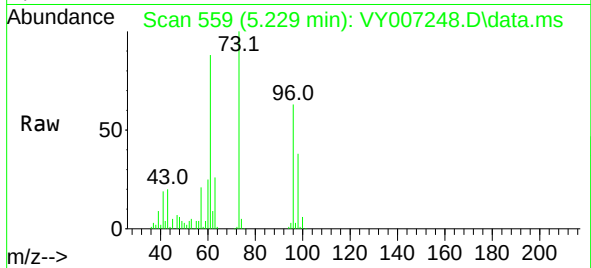
Tgt Ion: 43 Resp: 50771
Ion Ratio Lower Upper
43 100
74 24.1 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 52.684 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

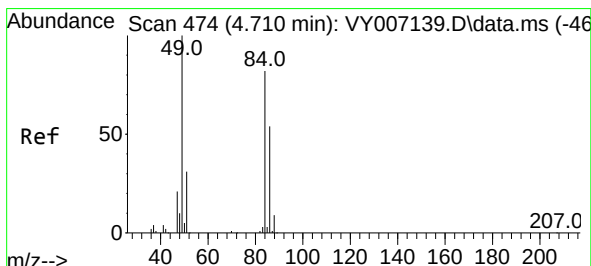
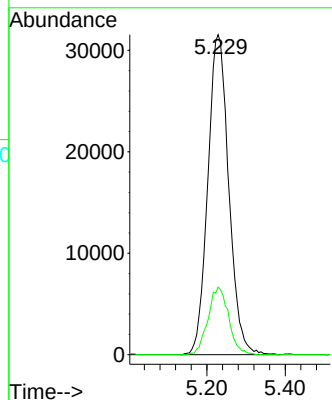
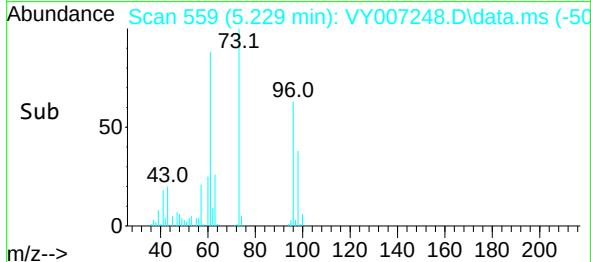
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



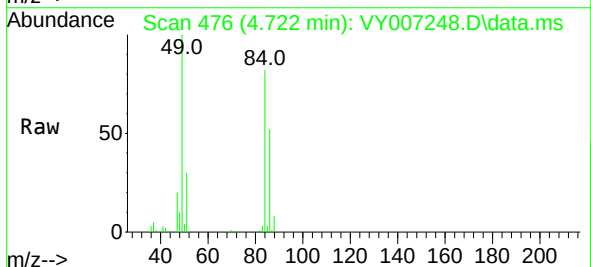
Tgt Ion: 73 Resp: 117034
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2

Manual Integrations
APPROVED

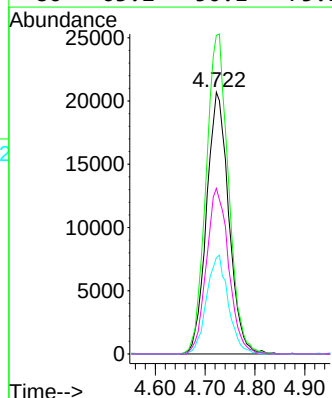
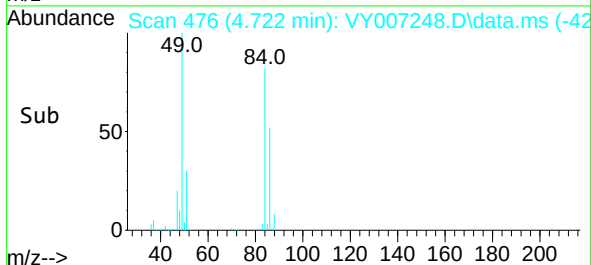
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

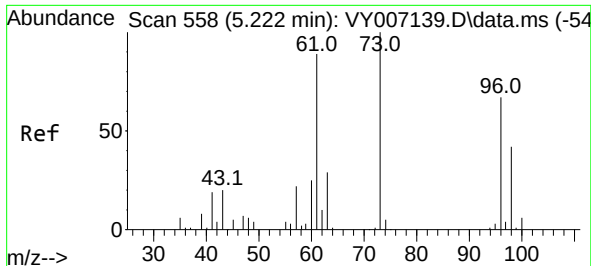


#20
Methylene Chloride
Concen: 48.776 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



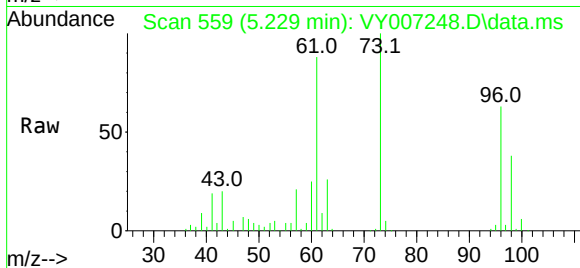
Tgt Ion: 84 Resp: 64047
Ion Ratio Lower Upper
84 100
49 121.7 92.6 139.0
51 36.8 28.6 42.8
86 63.2 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.039 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

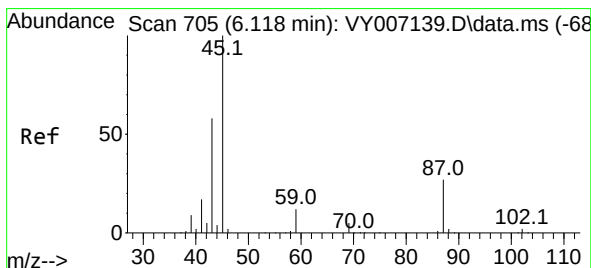
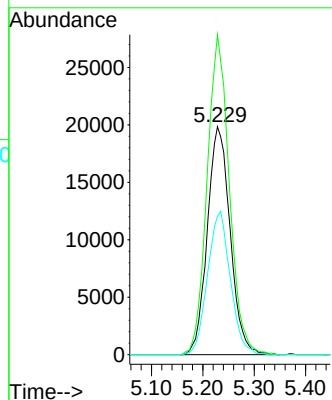
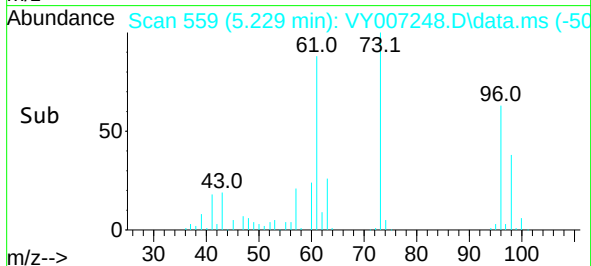
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



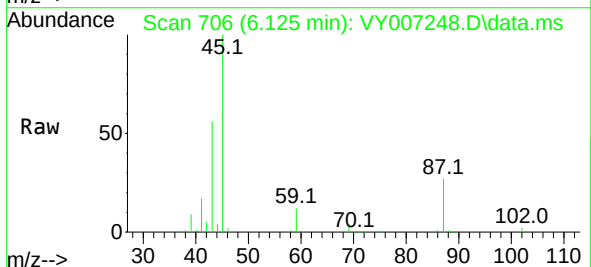
Tgt Ion: 96 Resp: 6121
Ion Ratio Lower Upper
96 100
61 140.3 107.3 160.9
98 60.7 52.4 78.6

Manual Integrations
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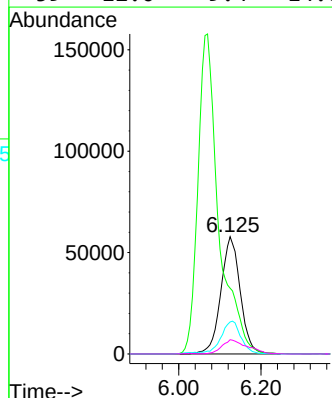
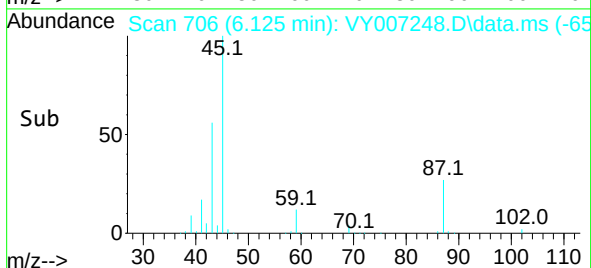
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

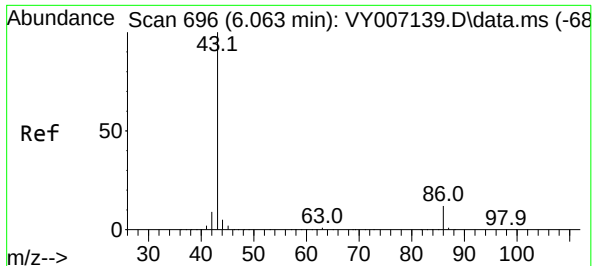


#22
Diisopropyl ether
Concen: 51.759 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 45 Resp: 189719
Ion Ratio Lower Upper
45 100
43 55.6 45.6 68.4
87 27.3 22.2 33.2
59 12.0 9.4 14.0





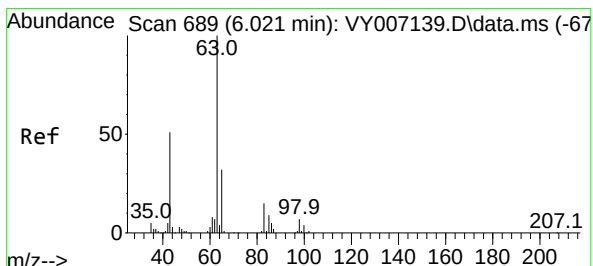
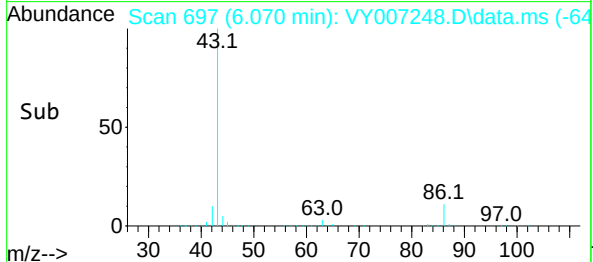
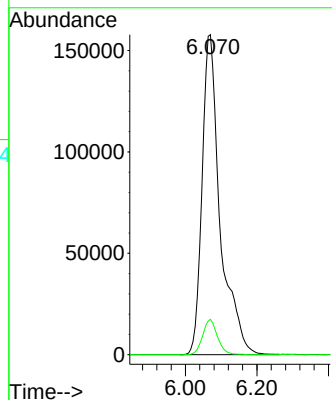
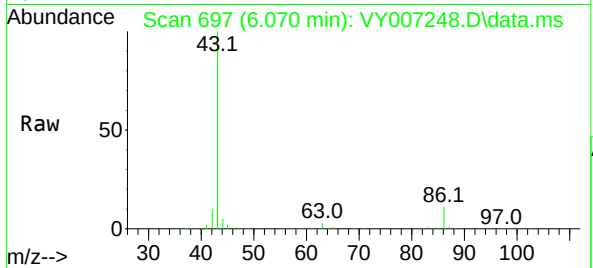
#23
 Vinyl Acetate
 Concen: 256.981 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY007248.D
 Acq: 21 Jan 2022 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 55394
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6

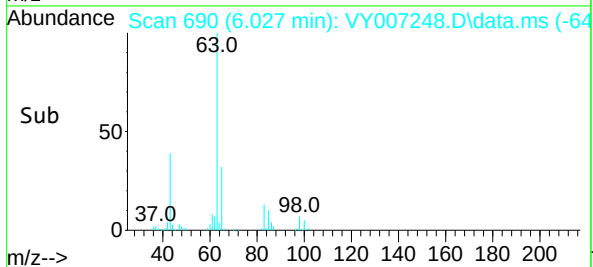
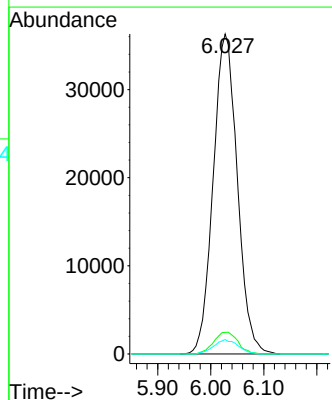
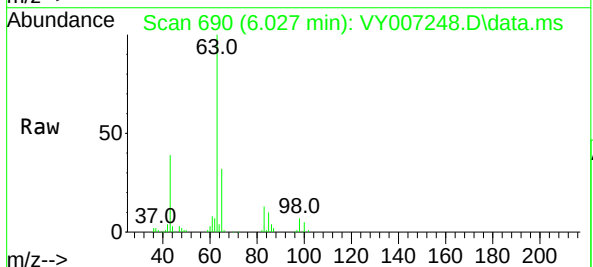
Manual Integrations
 APPROVED

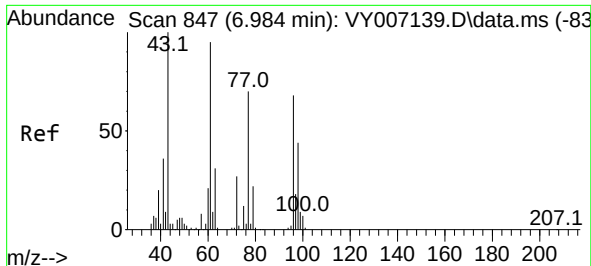
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#24
 1,1-Dichloroethane
 Concen: 51.394 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.007 min
 Lab File: VY007248.D
 Acq: 21 Jan 2022 12:39

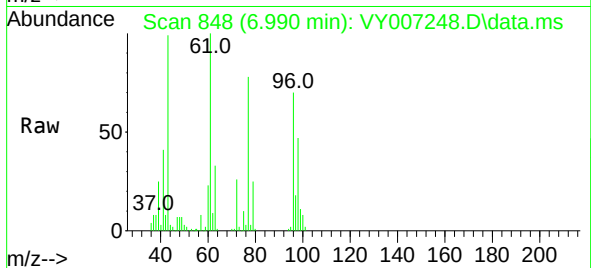
Tgt Ion: 63 Resp: 114593
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.5 2.1 6.2





#25
2-Butanone
Concen: 229.511 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

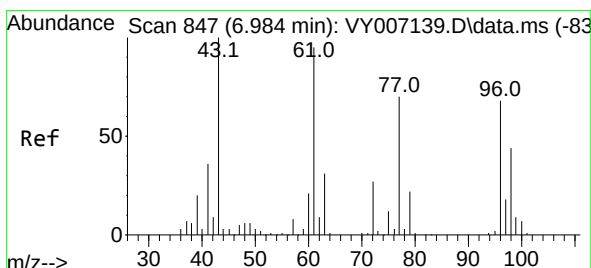
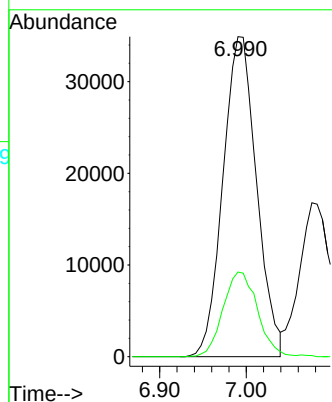
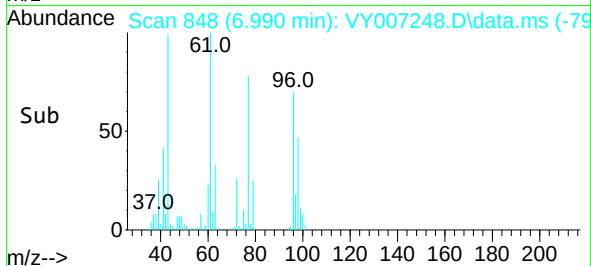
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9422
Ion Ratio Lower Upper
43 100
72 26.5 21.9 32.9

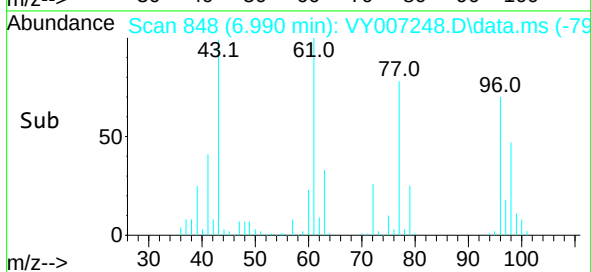
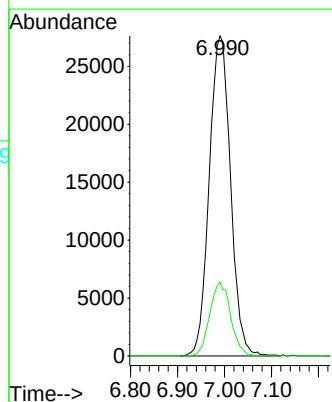
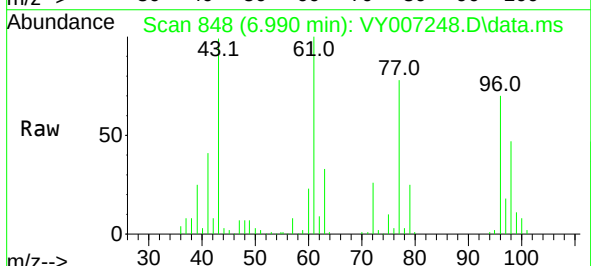
Manual Integrations
APPROVED

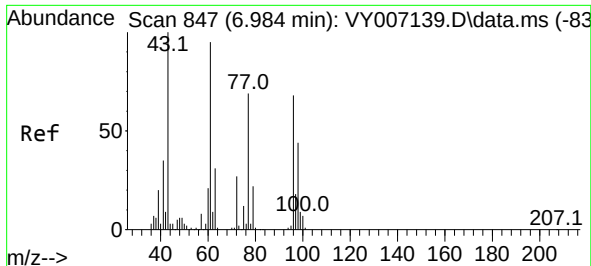
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#26
2,2-Dichloropropane
Concen: 53.469 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion: 77 Resp: 86886
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.155 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.013 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7098

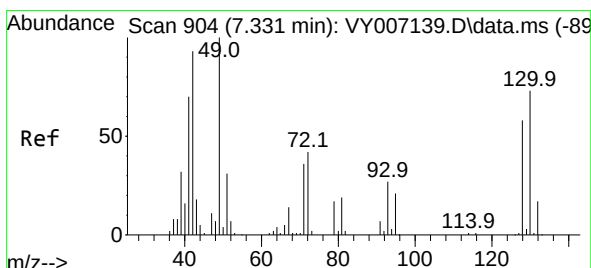
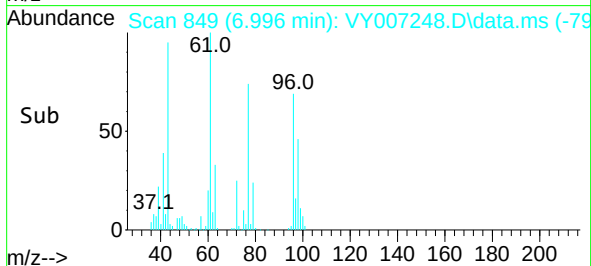
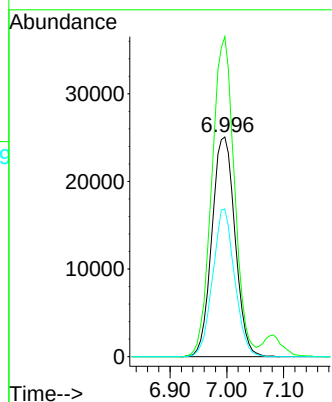
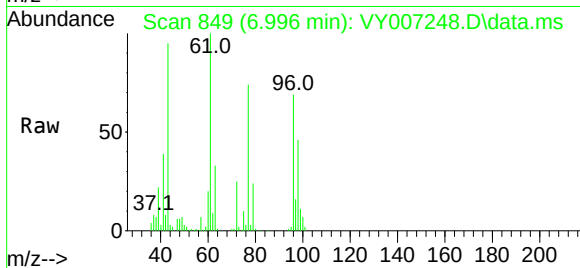
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	276.8
98	63.8	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#28

Bromochloromethane

Concen: 56.373 ug/l

RT: 7.344 min Scan# 906

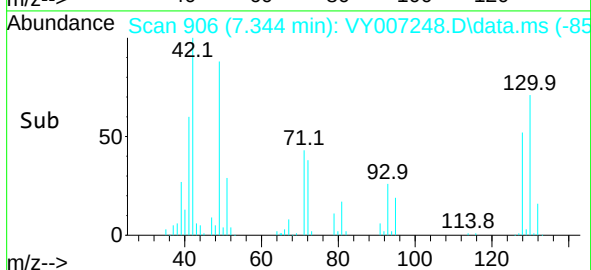
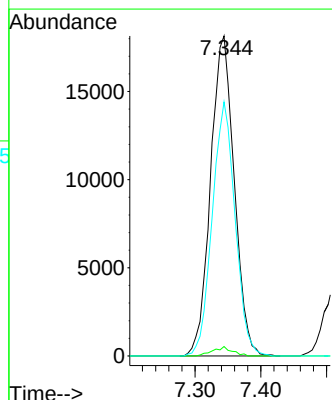
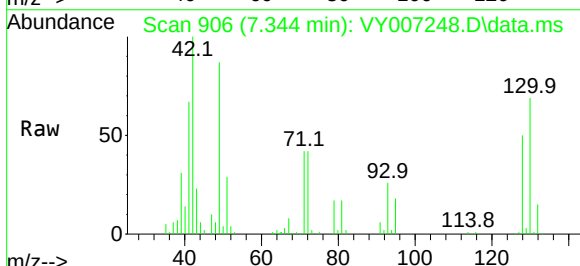
Delta R.T. 0.013 min

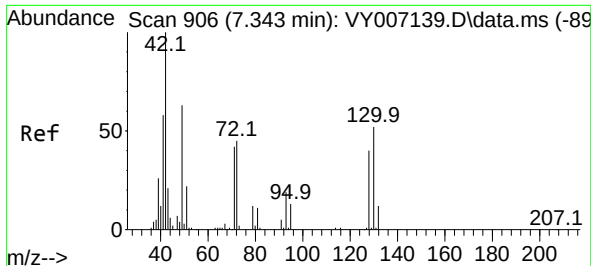
Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion: 49 Resp: 45467

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	76.8	65.0	97.4





#29

Tetrahydrofuran

Concen: 234.909 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY007248.D

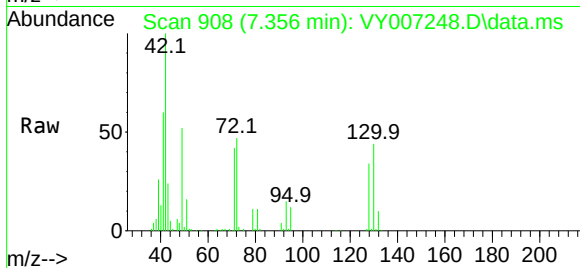
Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



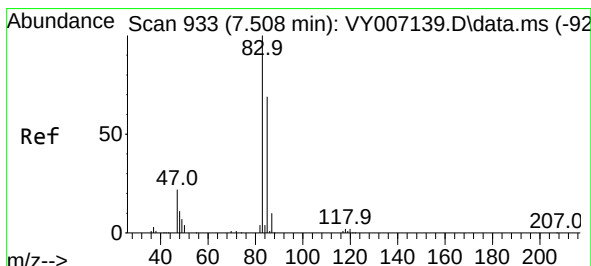
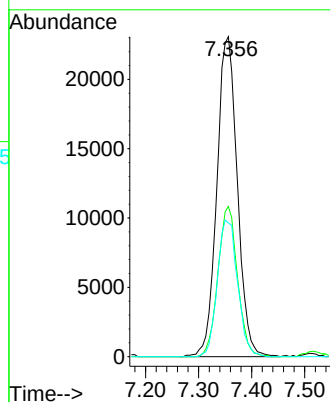
Tgt Ion:	42	Resp:	61990
Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.6	54.8
71	42.2	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#30

Chloroform

Concen: 54.123 ug/l

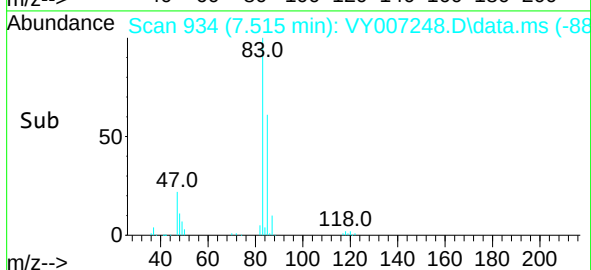
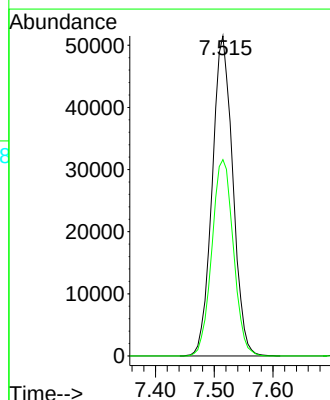
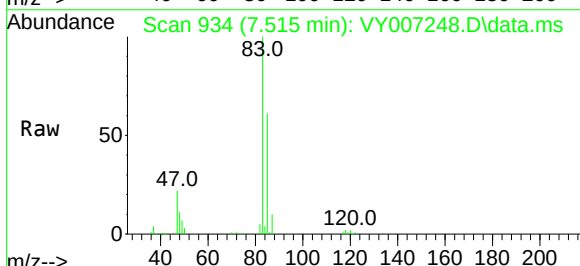
RT: 7.515 min Scan# 934

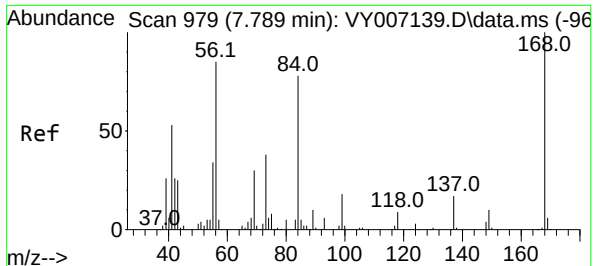
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion:	83	Resp:	125388
Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.9	76.3





#31

Cyclohexane

Concen: 47.543 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.007 min

Lab File: VY007248.D

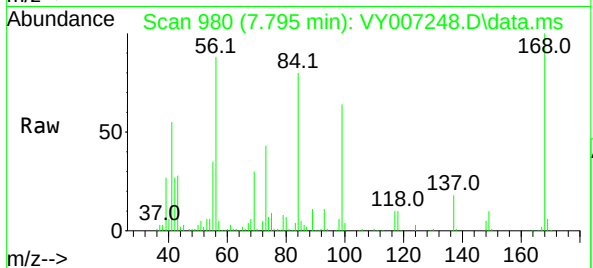
Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 98348

Ion Ratio Lower Upper

56 100

69 33.6 27.2 40.8

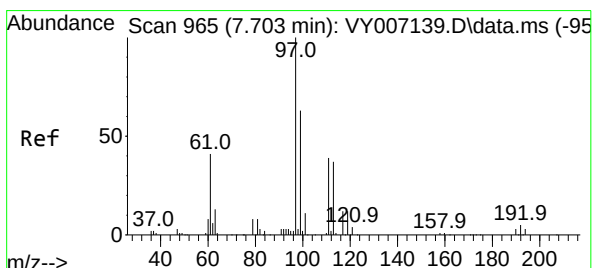
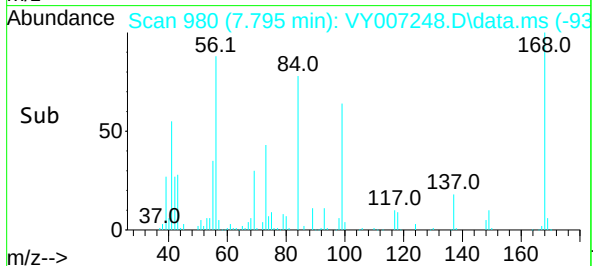
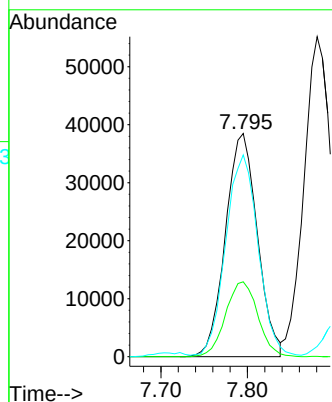
84 88.5 72.1 108.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#32

1,1,1-Trichloroethane

Concen: 53.261 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

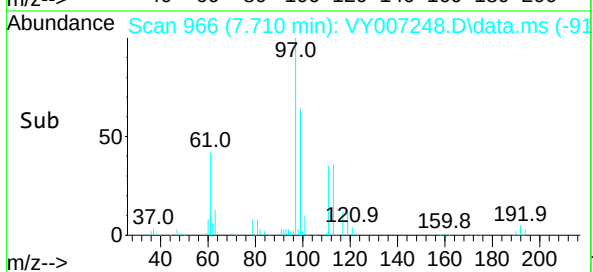
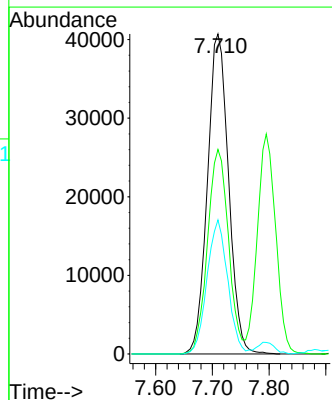
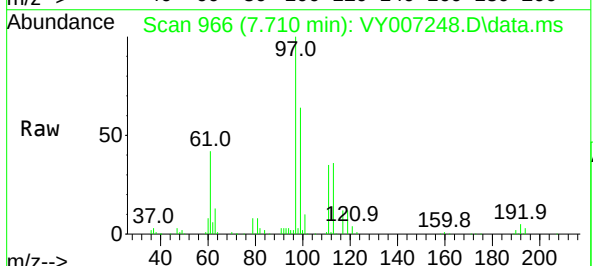
Tgt Ion: 97 Resp: 105466

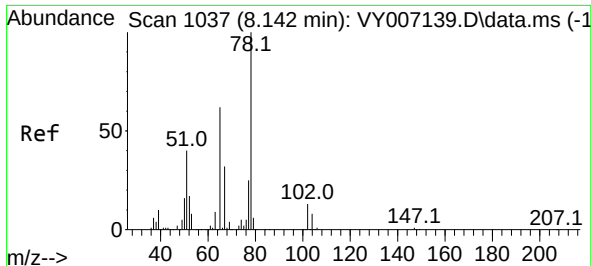
Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

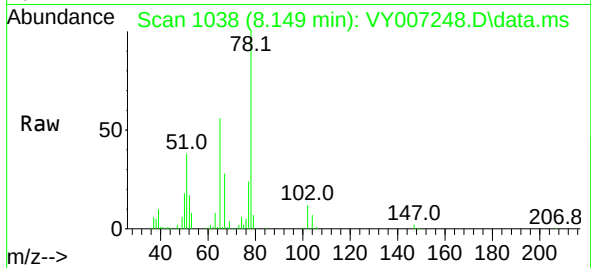
61 41.3 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 47.430 ug/l
RT: 8.149 min Scan# 1103
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

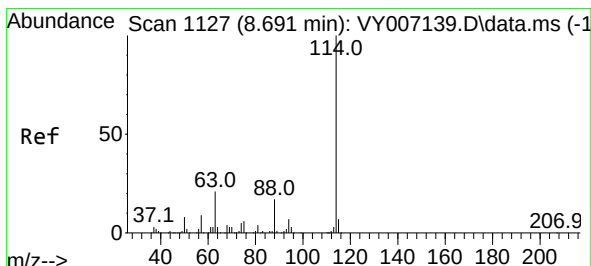
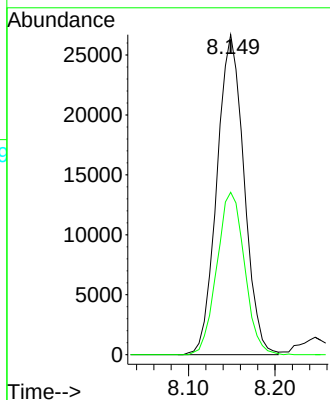
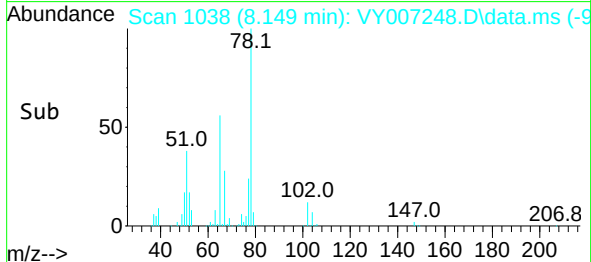
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



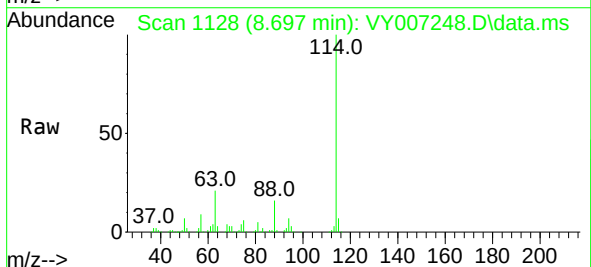
Tgt Ion: 65 Resp: 58034
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

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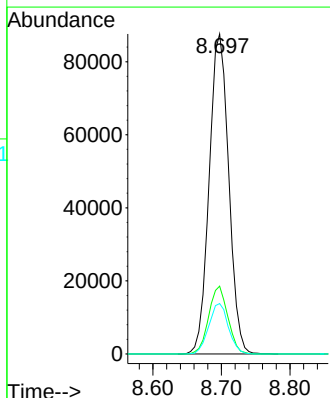
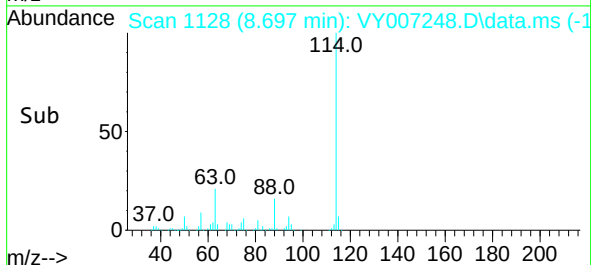
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

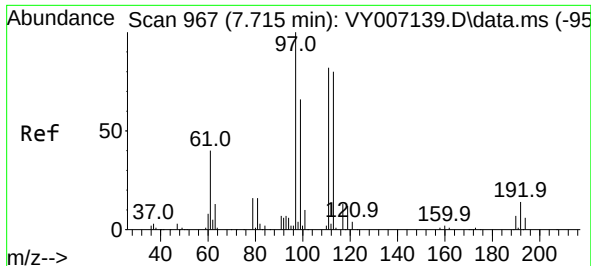


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



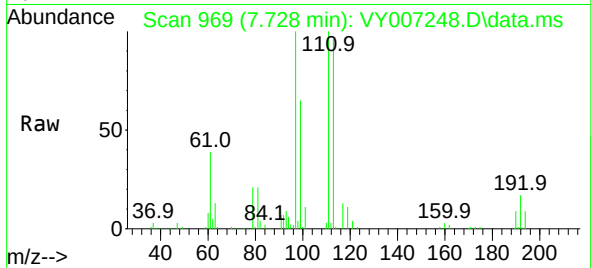
Tgt Ion:114 Resp: 173532
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.2
88 15.7 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.518 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.013 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

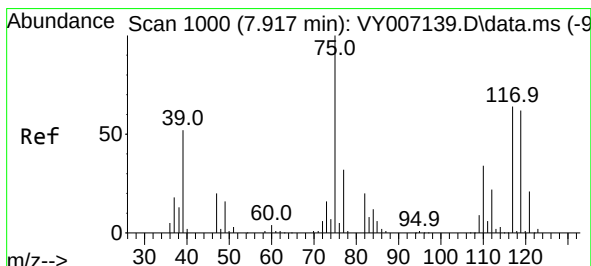
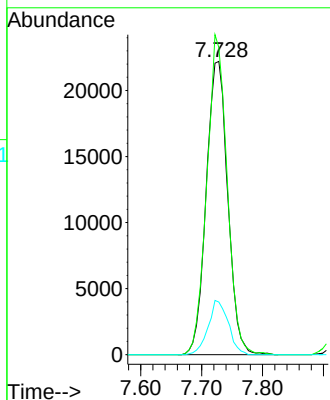
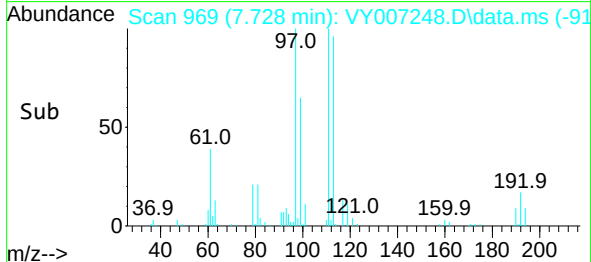
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



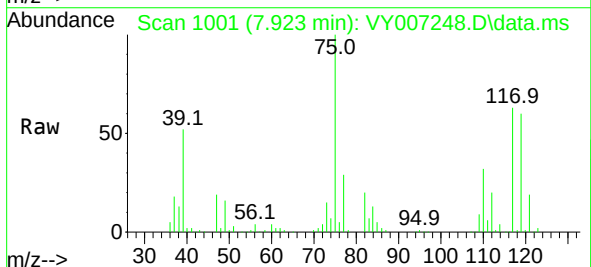
Tgt Ion: 113 Resp: 54584
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.3 14.2 21.4

Manual Integrations
APPROVED

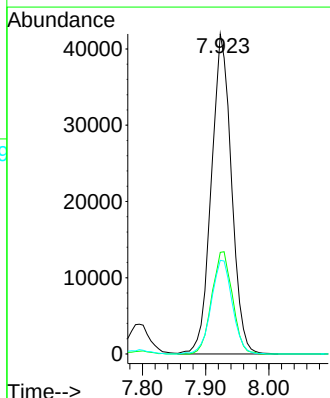
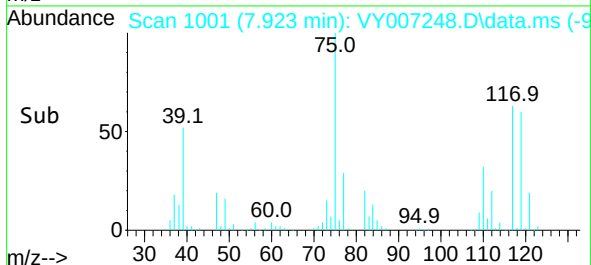
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

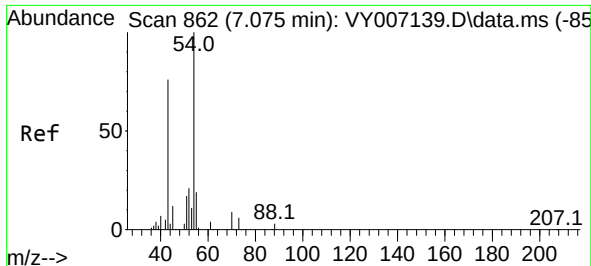


#36
1,1-Dichloropropene
Concen: 49.445 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 75 Resp: 92663
Ion Ratio Lower Upper
75 100
110 32.8 17.3 51.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 46.749 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007248.D

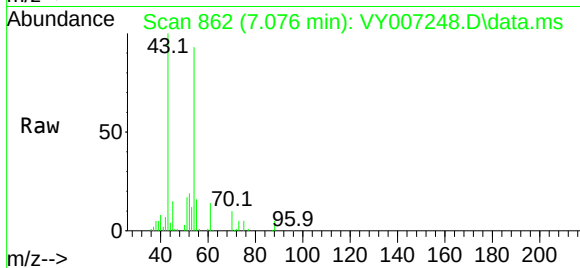
Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

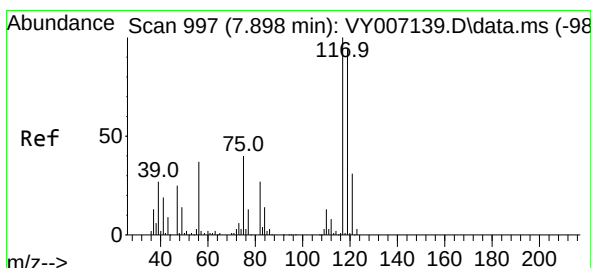
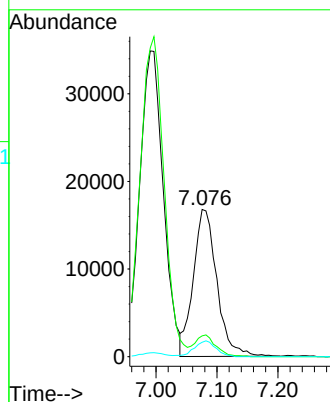
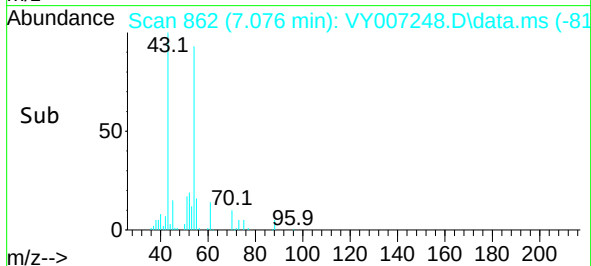
VSTDCCC050



Tgt Ion:	43	Resp:	4496
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.8	17.8
70	9.7	9.0	13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#38

Carbon Tetrachloride

Concen: 49.622 ug/l

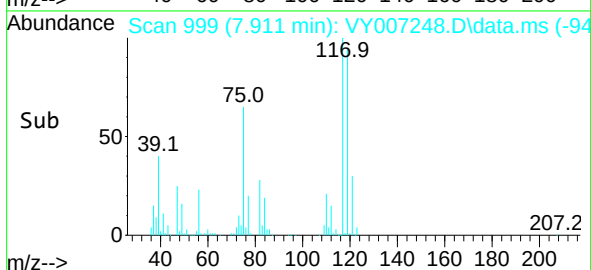
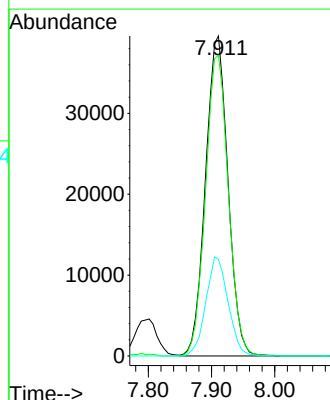
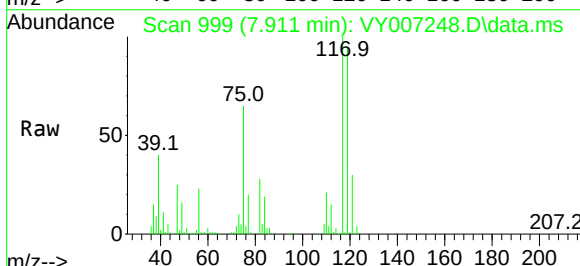
RT: 7.911 min Scan# 999

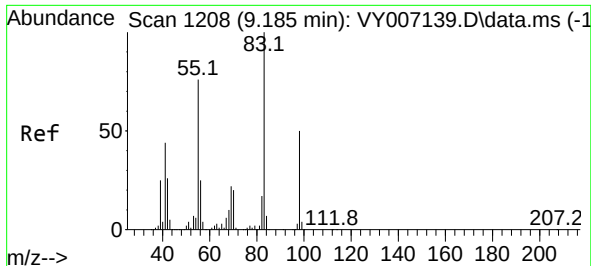
Delta R.T. 0.013 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

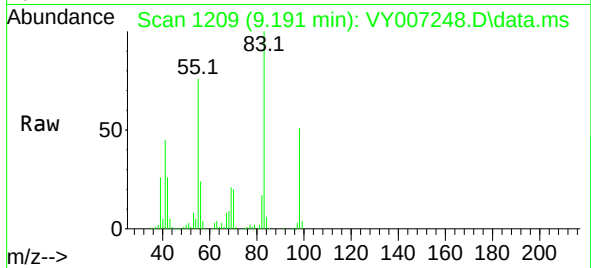
Tgt Ion:	117	Resp:	97816
Ion Ratio	Lower	Upper	
117	100		
119	94.0	77.2	115.8
121	30.2	24.2	36.2





#39
Methylcyclohexane
Concen: 48.076 ug/l
RT: 9.191 min Scan# 11000
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

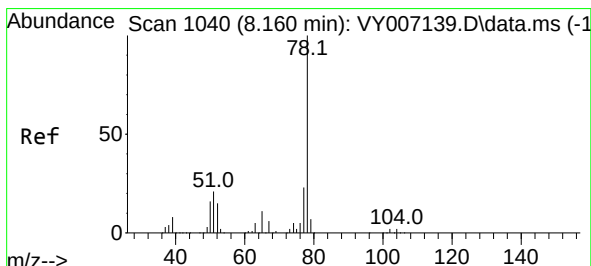
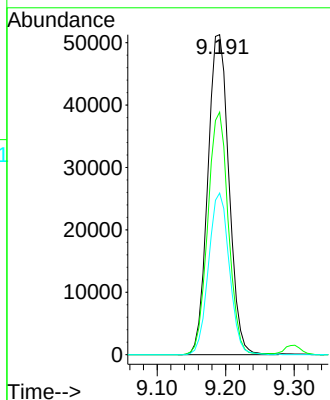
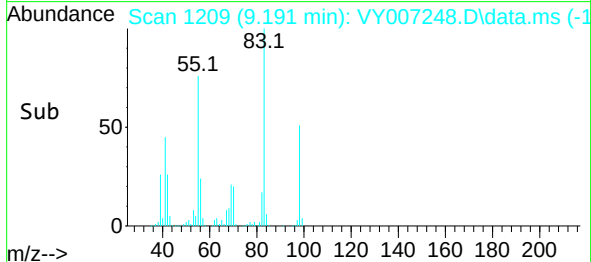
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110000
Ion Ratio Lower Upper
83 100
55 75.8 58.8 88.2
98 50.5 38.7 58.1

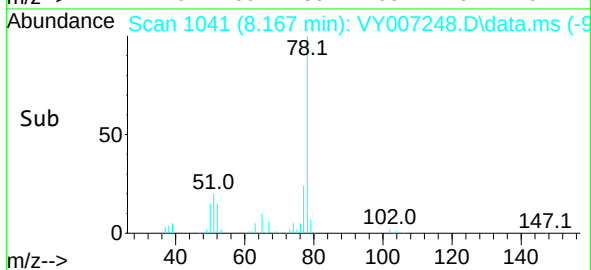
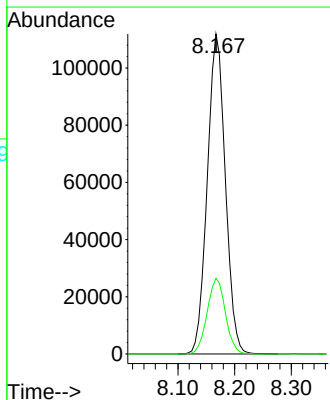
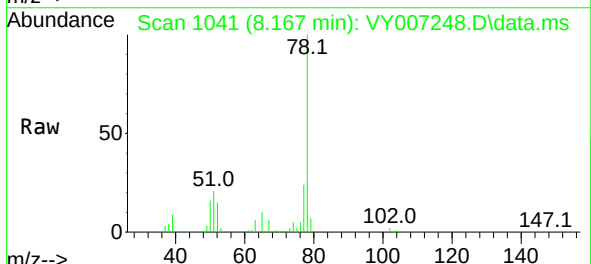
Manual Integrations
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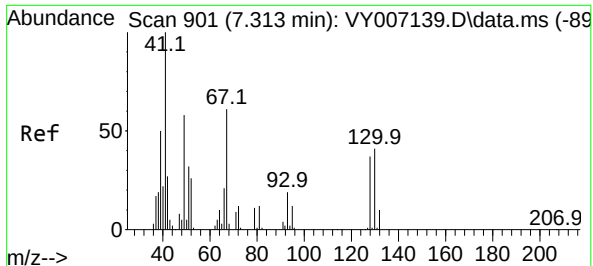
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#40
Benzene
Concen: 49.496 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

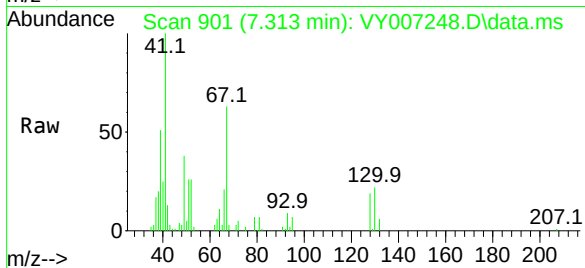
Tgt Ion: 78 Resp: 247430
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 42.607 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

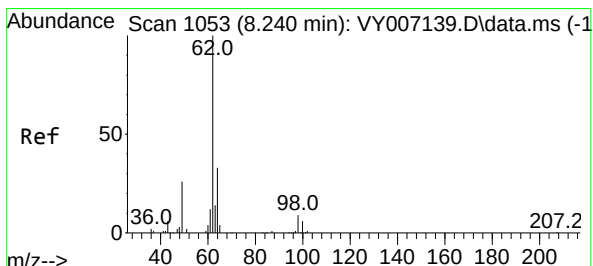
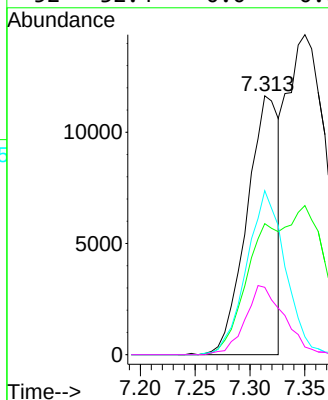
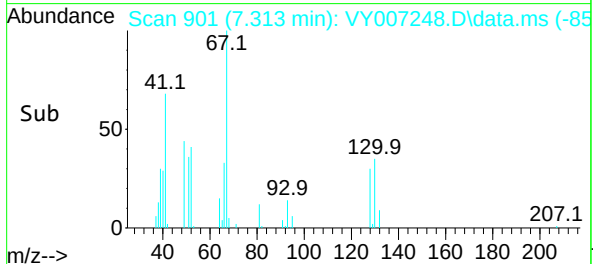
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



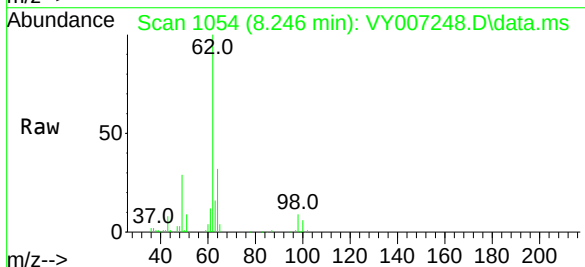
Tgt Ion: 41 Resp: 23598
Ion Ratio Lower Upper
41 100
39 52.7 0.0 0.0
67 76.7 0.0 0.0
52 32.4 0.0 0.0

Manual Integrations
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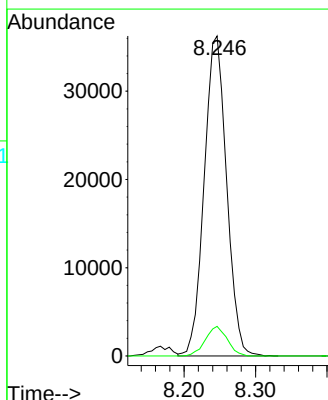
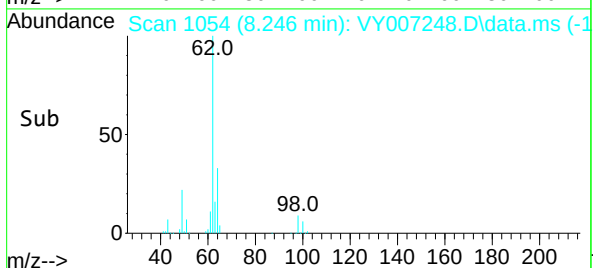
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

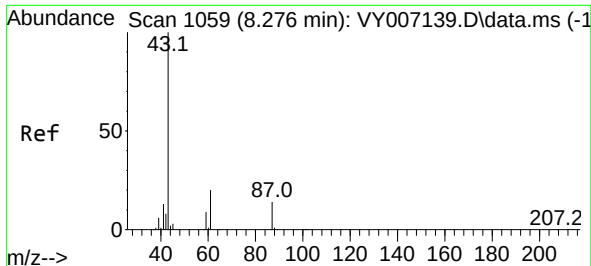


#42
1,2-Dichloroethane
Concen: 50.112 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



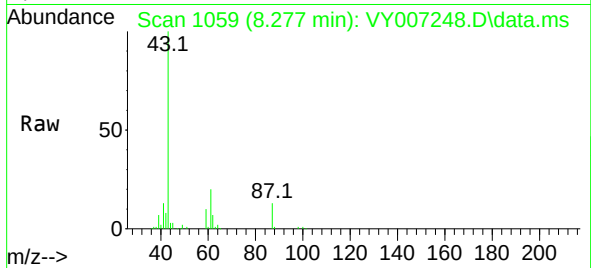
Tgt Ion: 62 Resp: 78886
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 46.904 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

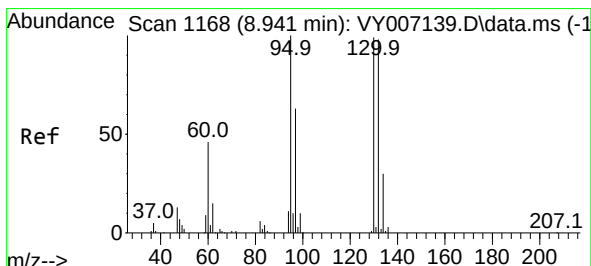
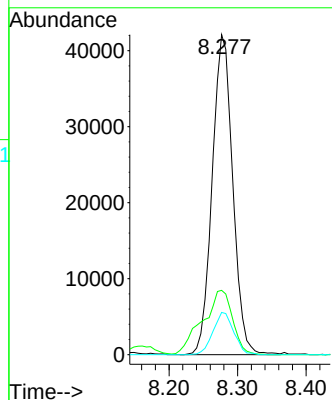
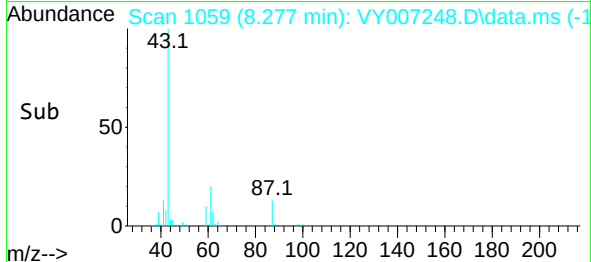
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 87775
Ion Ratio Lower Upper
43 100
61 29.4 23.8 35.8
87 13.3 11.6 17.4

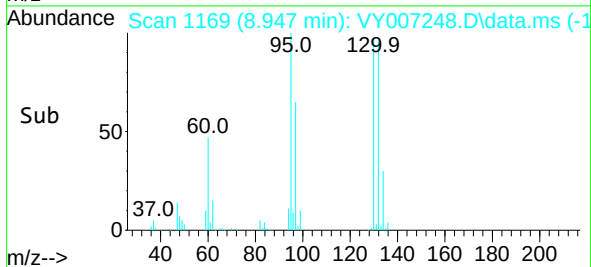
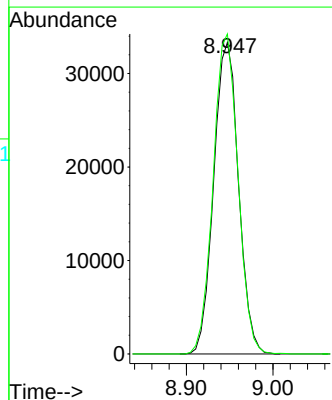
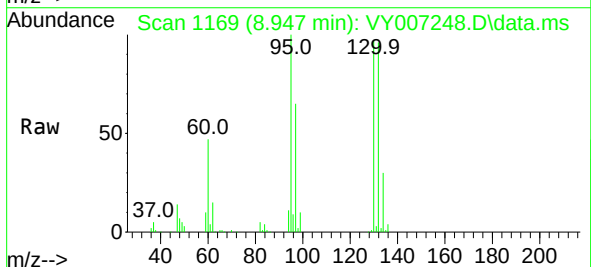
Manual Integrations
APPROVED

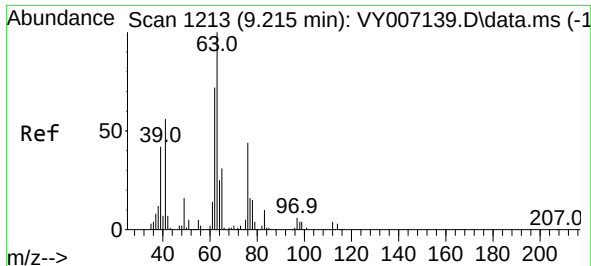
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#44
Trichloroethene
Concen: 48.959 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion:130 Resp: 66229
Ion Ratio Lower Upper
130 100
95 102.7 0.0 196.6





#45

1,2-Dichloropropane

Concen: 49.618 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 63070

Ion Ratio Lower Upper

63 100

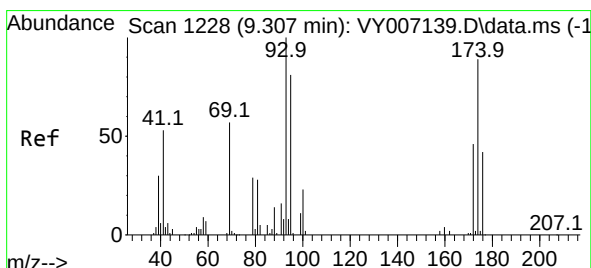
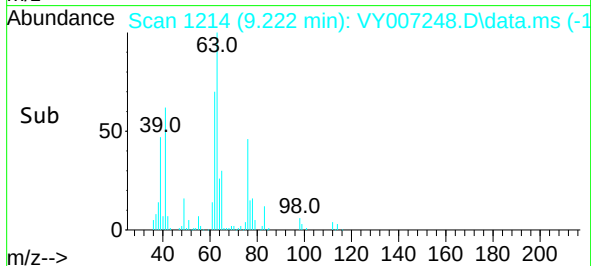
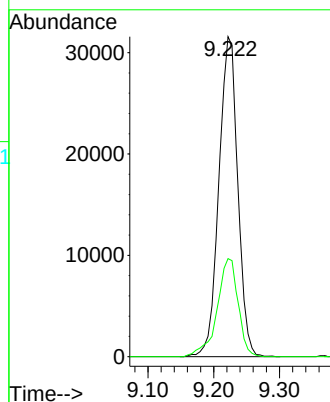
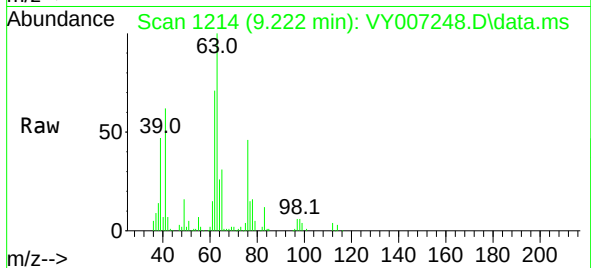
65 30.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#46

Dibromomethane

Concen: 48.202 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

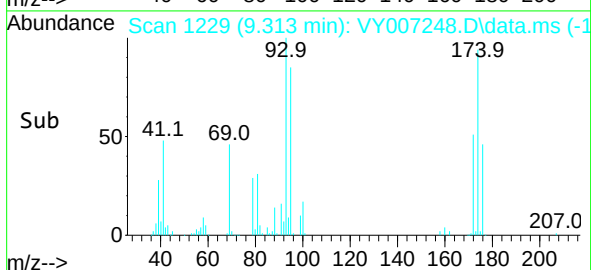
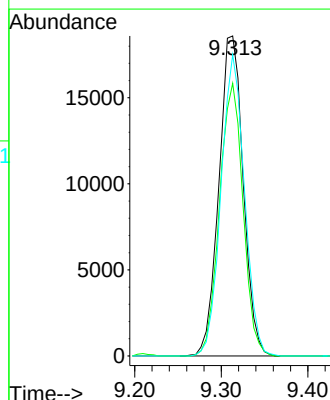
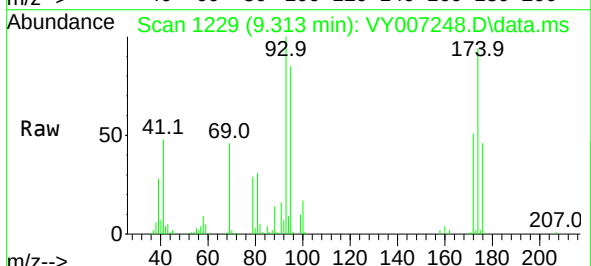
Tgt Ion: 93 Resp: 36236

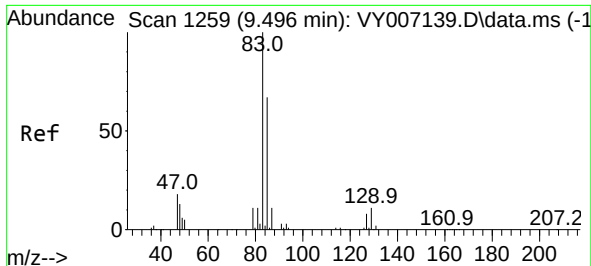
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

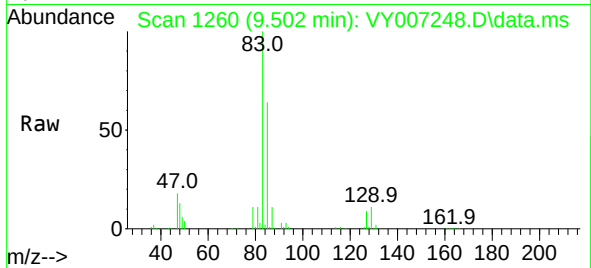
174 90.5 75.4 113.0





#47
Bromodichloromethane
Concen: 51.161 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

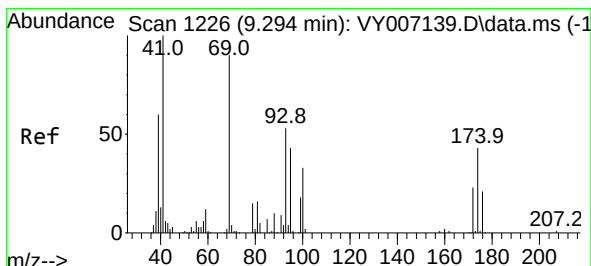
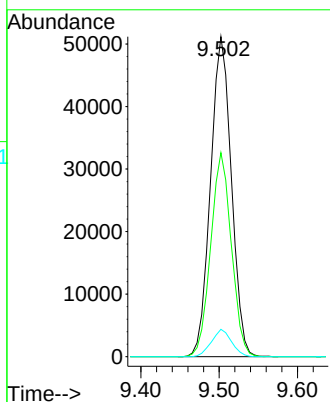
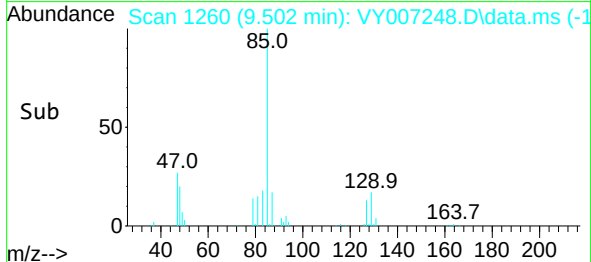
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



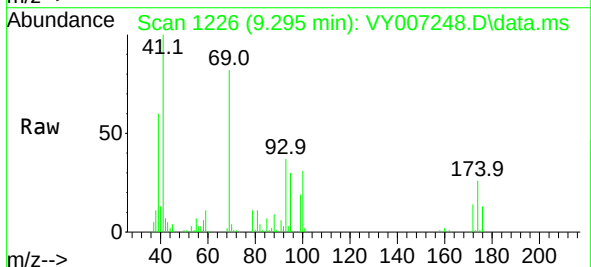
Tgt Ion: 83 Resp: 94549
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.2
127 8.6 6.5 9.7

Manual Integrations
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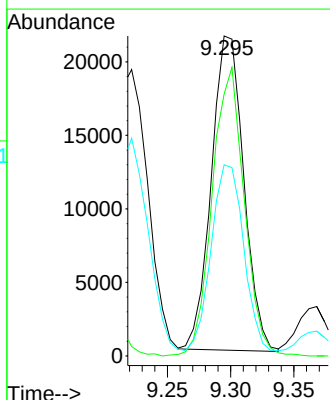
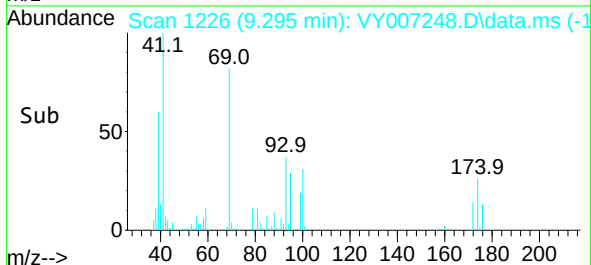
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

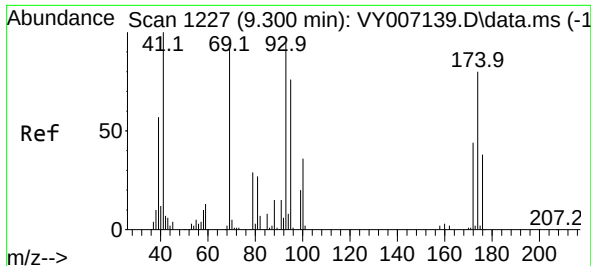


#48
Methyl methacrylate
Concen: 44.739 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 41 Resp: 38082
Ion Ratio Lower Upper
41 100
69 90.6 70.5 105.7
39 59.7 43.8 65.8





#49

1,4-Dioxane

Concen: 923.571 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

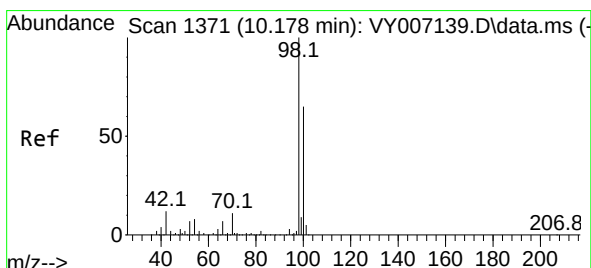
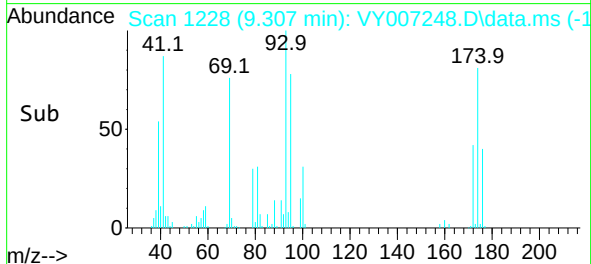
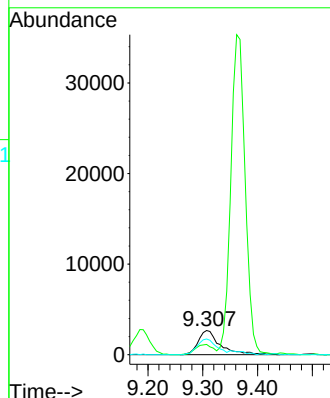
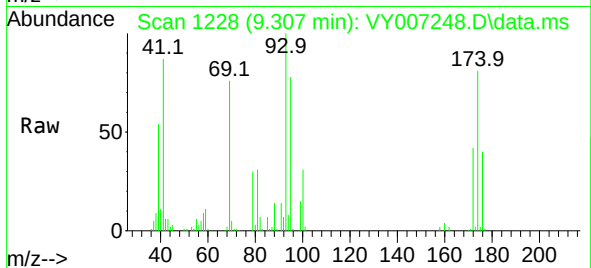
Tgt Ion:	88	Resp:	7480
Ion	Ratio	Lower	Upper
88	100		
43	33.5	22.0	33.0
58	55.9	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#50

Toluene-d8

Concen: 45.731 ug/l

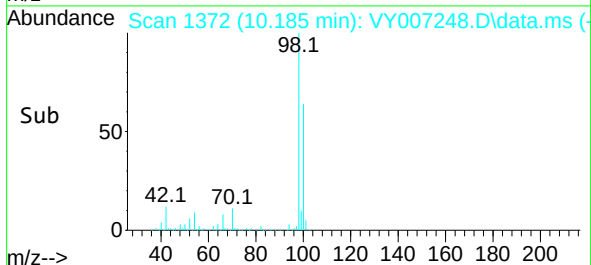
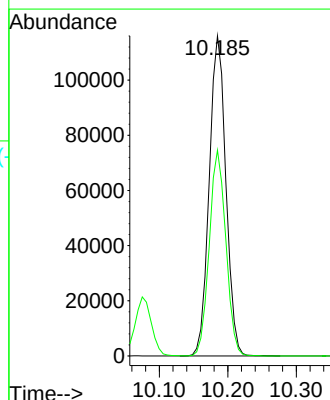
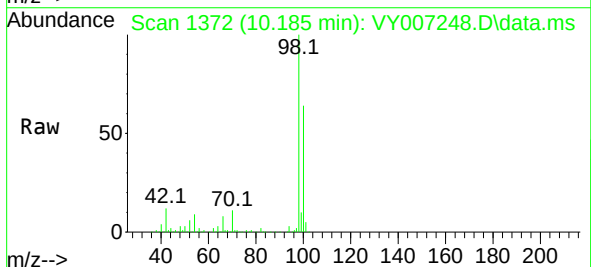
RT: 10.185 min Scan# 1372

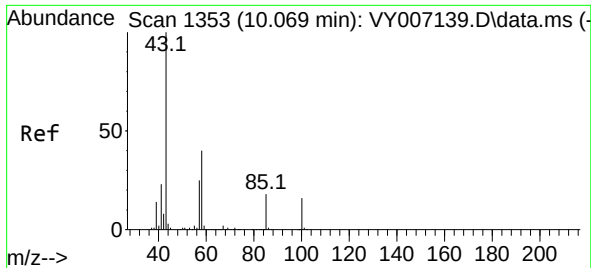
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

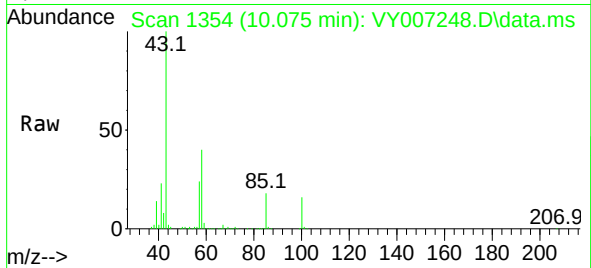
Tgt Ion:	98	Resp:	196075
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 232.124 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

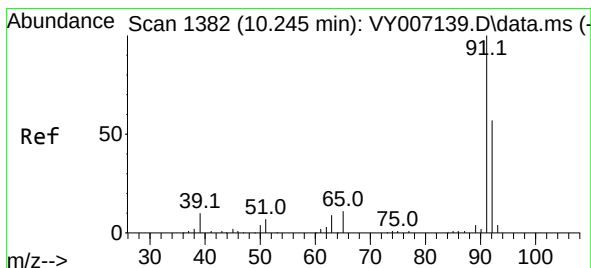
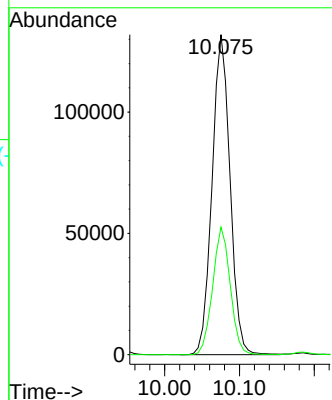
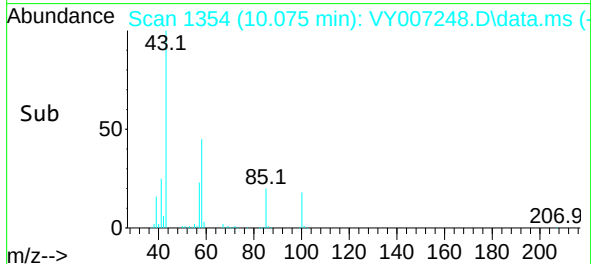
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 220259
Ion Ratio Lower Upper
43 100
58 39.1 32.8 49.2

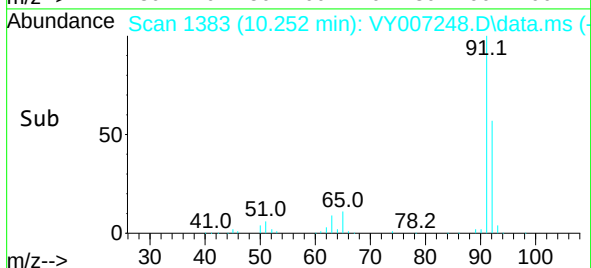
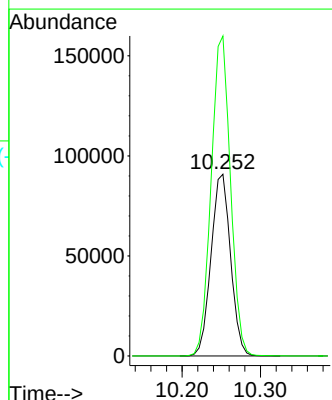
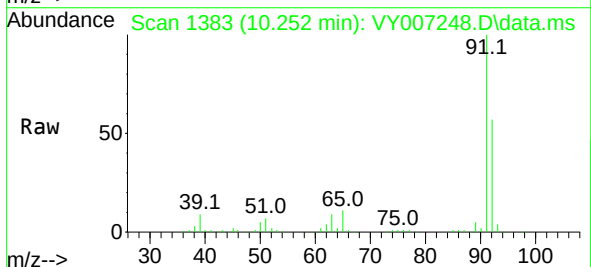
Manual Integrations
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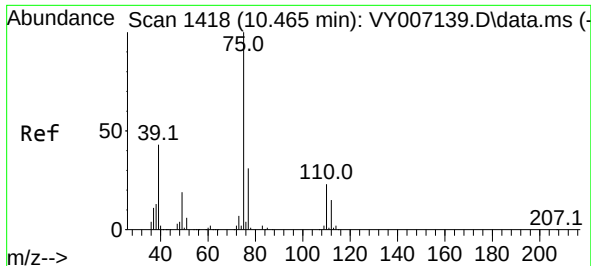
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#52
Toluene
Concen: 49.575 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

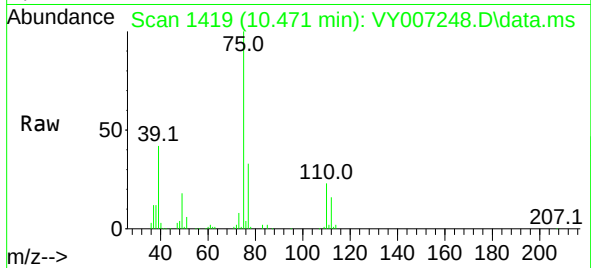
Tgt Ion: 92 Resp: 157089
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.632 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

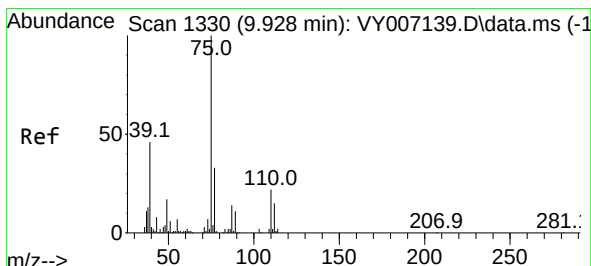
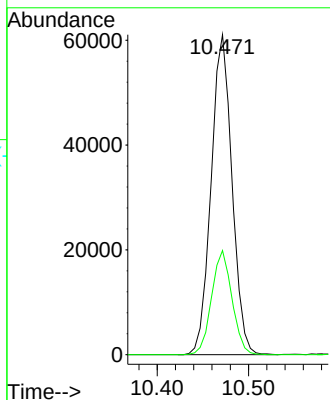
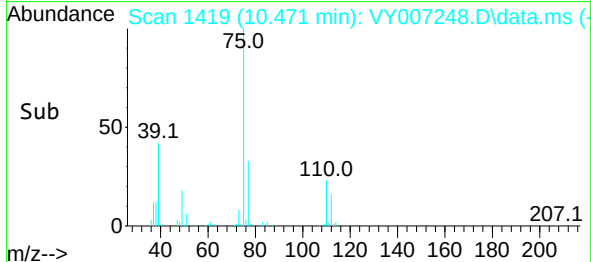
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 96824
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

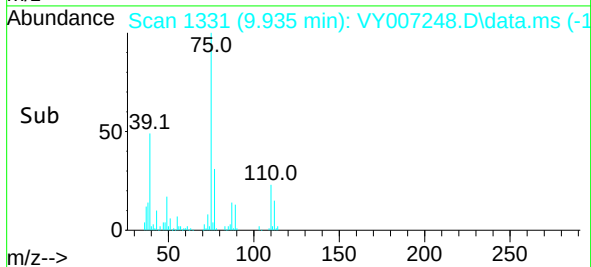
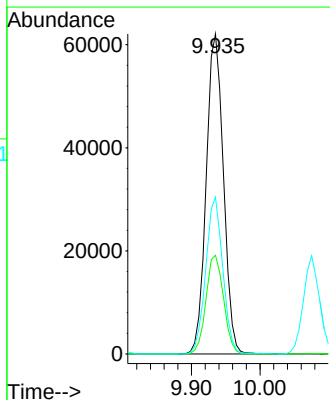
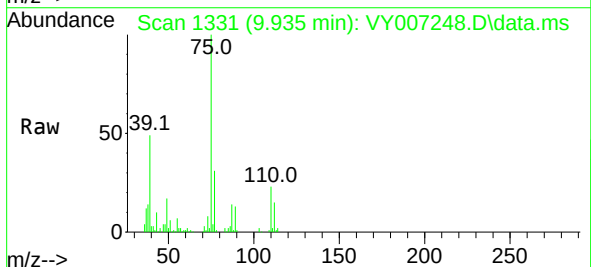
Manual Integrations
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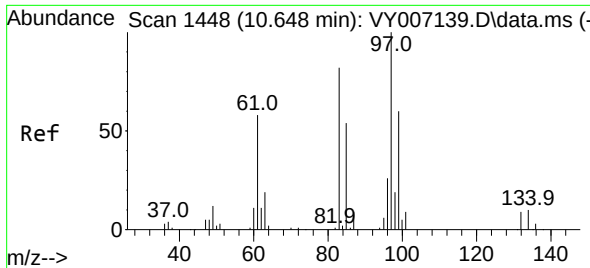
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#54
cis-1,3-Dichloropropene
Concen: 49.715 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

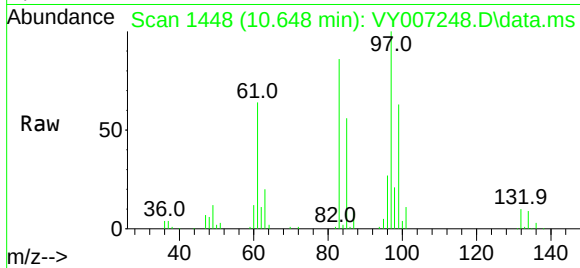
Tgt Ion: 75 Resp: 108565
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 49.0 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 47.905 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

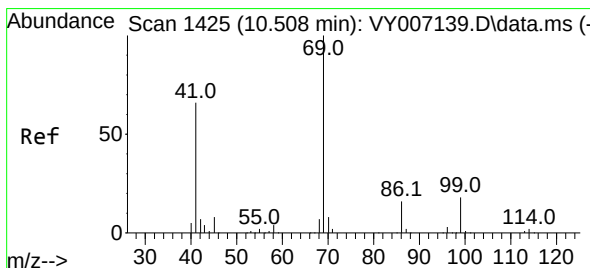
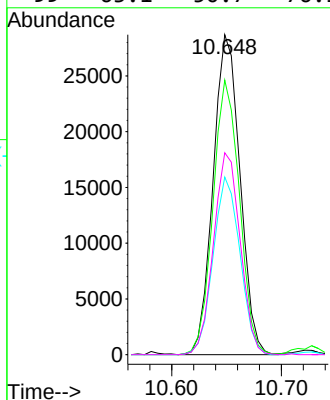
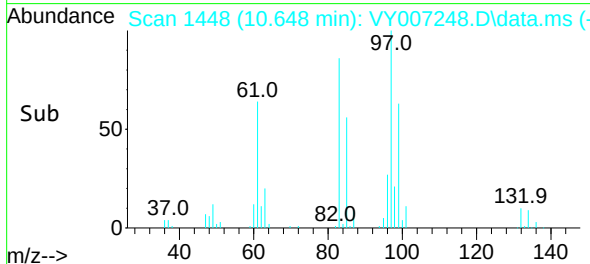
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



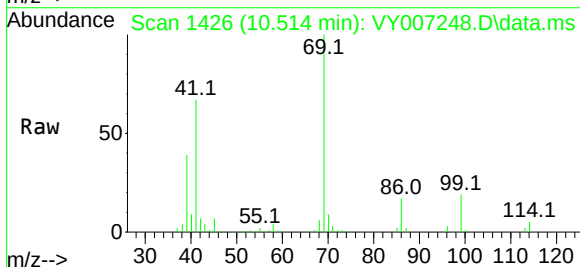
Tgt Ion: 97 Resp: 48848
Ion Ratio Lower Upper
97 100
83 85.8 67.0 100.4
85 55.5 41.2 61.8
99 63.1 50.7 76.1

Manual Integrations
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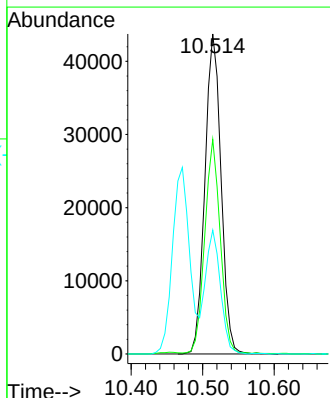
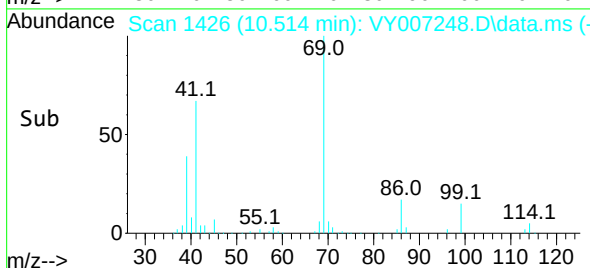
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

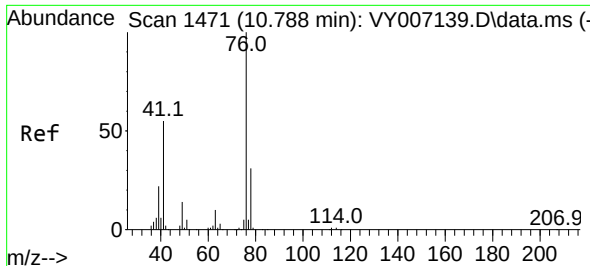


#56
Ethyl methacrylate
Concen: 47.714 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 69 Resp: 68542
Ion Ratio Lower Upper
69 100
41 64.2 49.4 74.0
39 35.5 27.7 41.5





#57

1,3-Dichloropropane

Concen: 48.806 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 8674

Ion Ratio Lower Upper

76 100

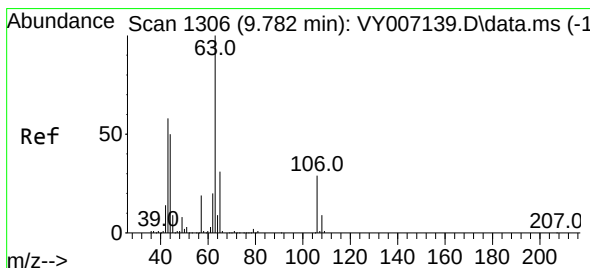
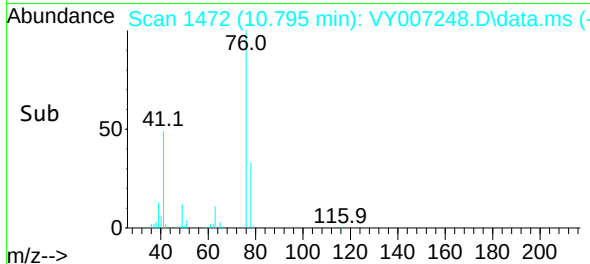
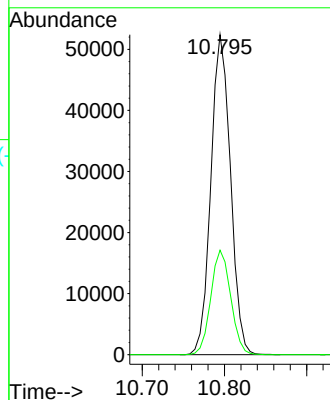
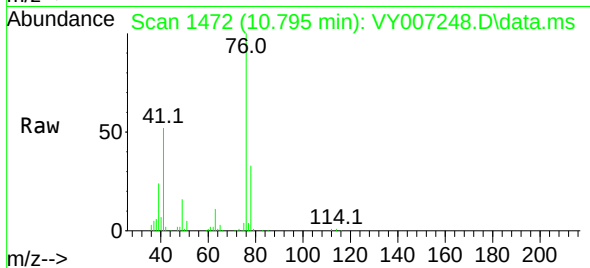
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 223.718 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007248.D

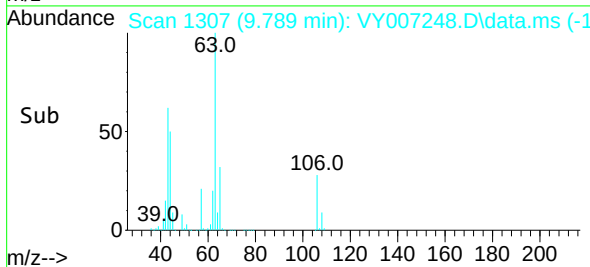
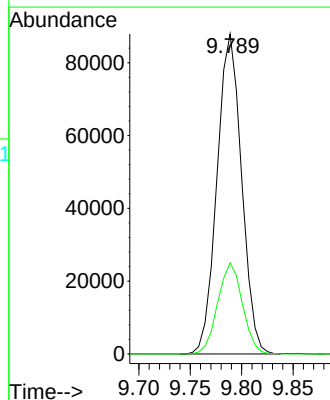
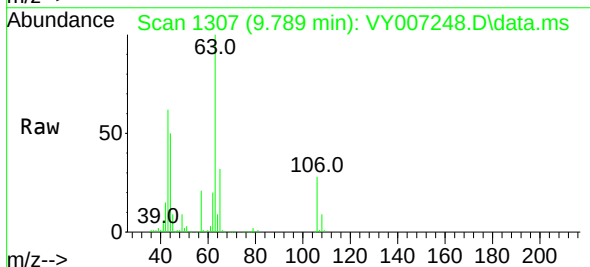
Acq: 21 Jan 2022 12:39

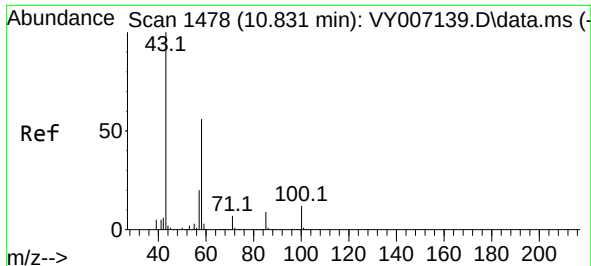
Tgt Ion: 63 Resp: 146133

Ion Ratio Lower Upper

63 100

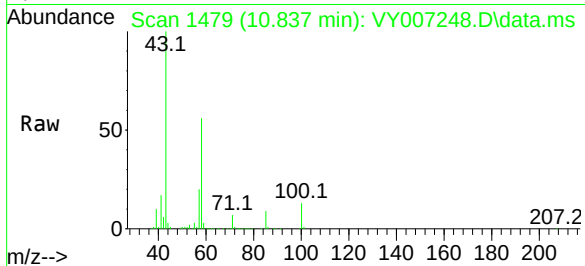
106 28.5 23.3 34.9





#59
2-Hexanone
Concen: 224.729 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

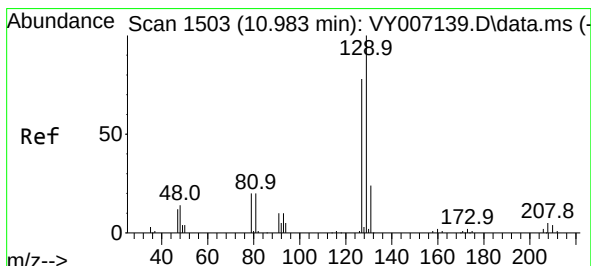
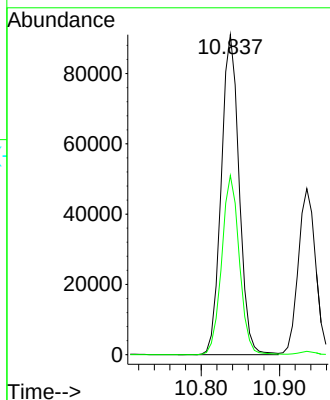
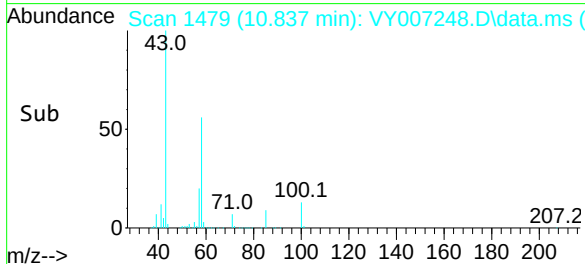
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



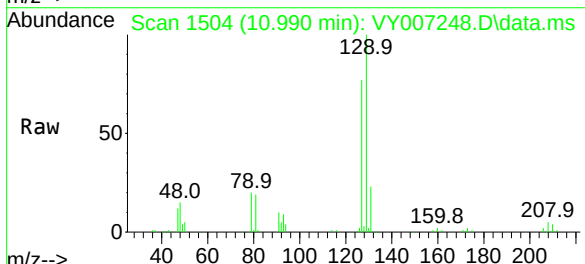
Tgt Ion: 43 Resp: 144718
Ion Ratio Lower Upper
43 100
58 55.3 28.4 85.3

Manual Integrations
APPROVED

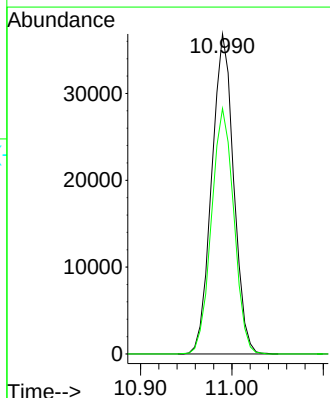
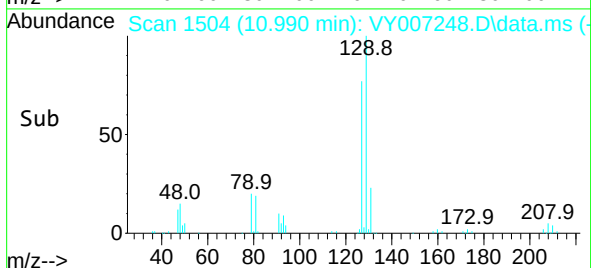
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

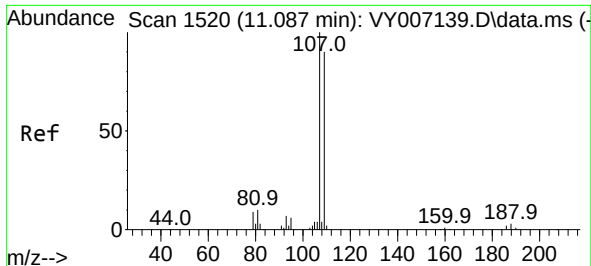


#60
Dibromochloromethane
Concen: 49.036 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



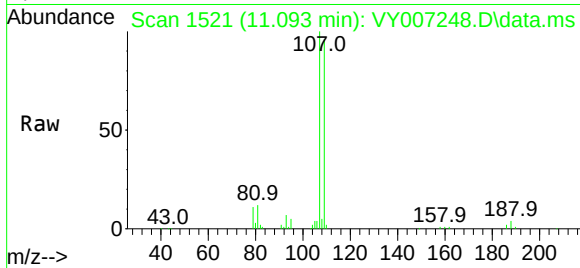
Tgt Ion:129 Resp: 61466
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 47.440 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

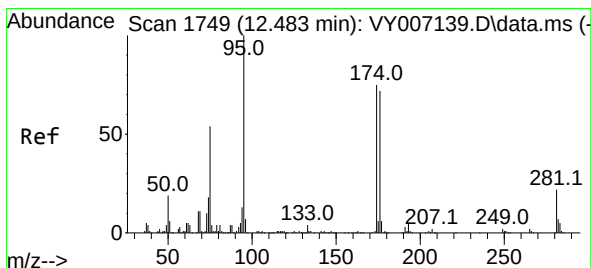
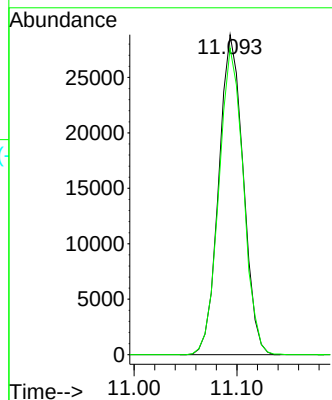
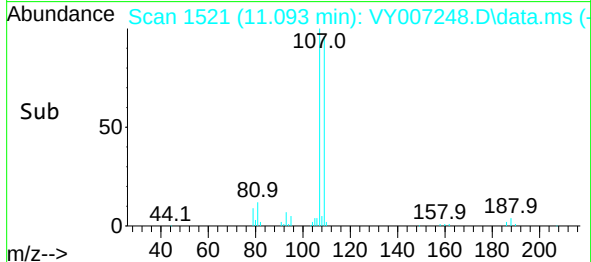
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 4752
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.0

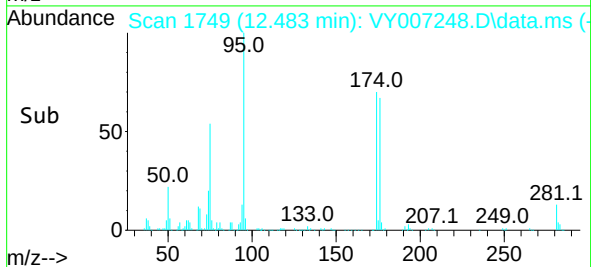
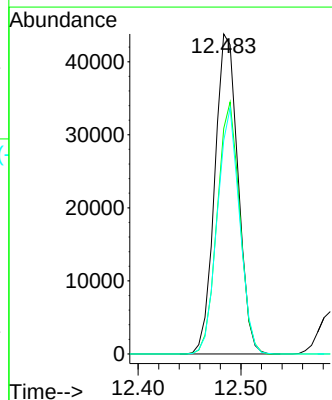
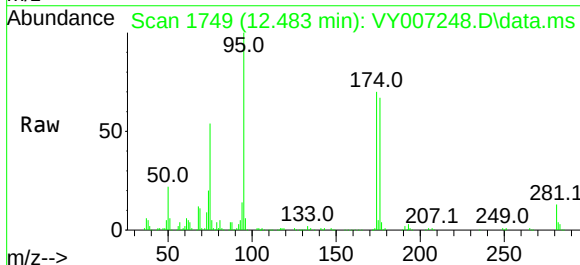
Manual Integrations
APPROVED

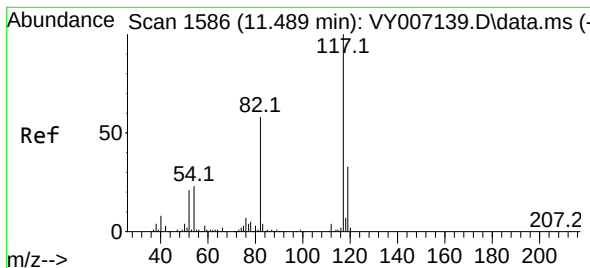
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#62
4-Bromofluorobenzene
Concen: 45.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion: 95 Resp: 68717
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.4
176 73.7 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1586

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

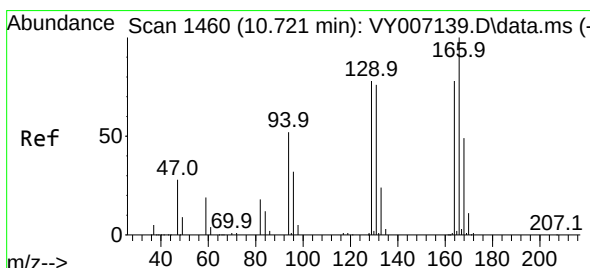
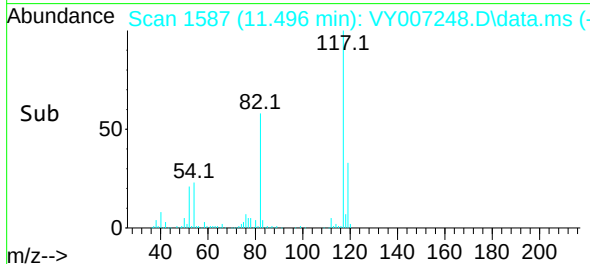
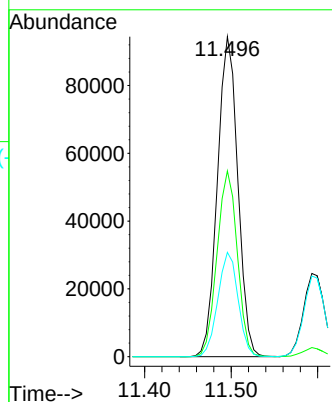
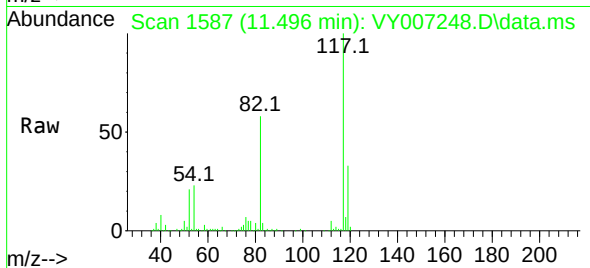
Tgt Ion:	117	Resp:	15458
Ion Ratio	Lower	Upper	
117	100		
82	58.1	45.4	68.0
119	32.6	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#64

Tetrachloroethene

Concen: 47.081 ug/l

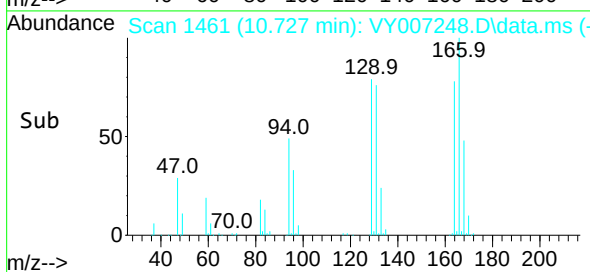
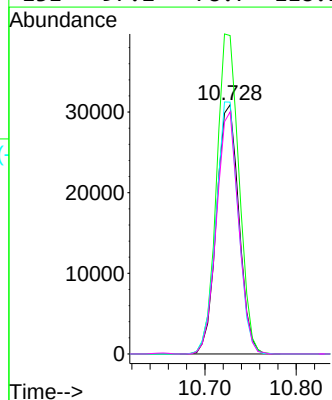
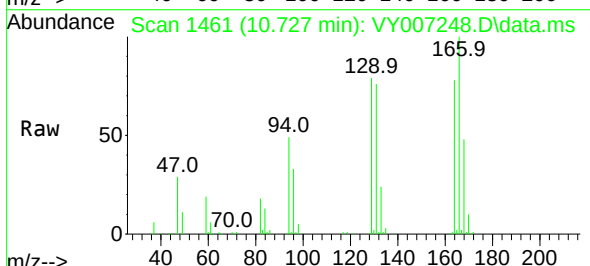
RT: 10.727 min Scan# 1461

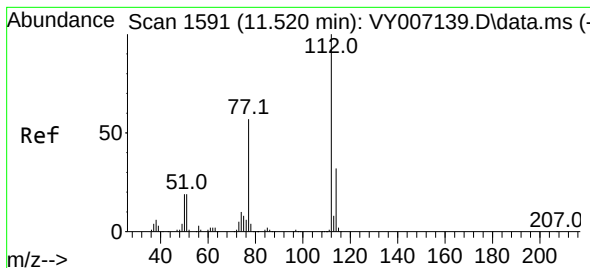
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

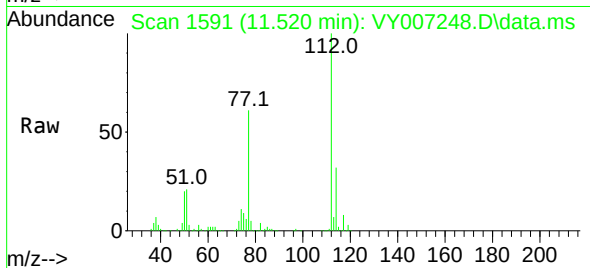
Tgt Ion:	164	Resp:	52459
Ion Ratio	Lower	Upper	
164	100		
166	127.8	102.6	154.0
129	101.1	84.6	127.0
131	97.2	78.7	118.1





#65
Chlorobenzene
Concen: 49.142 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

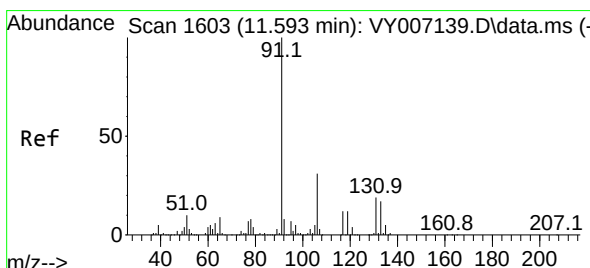
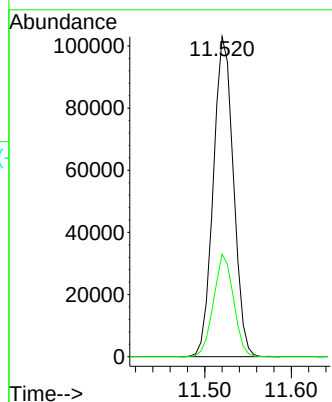
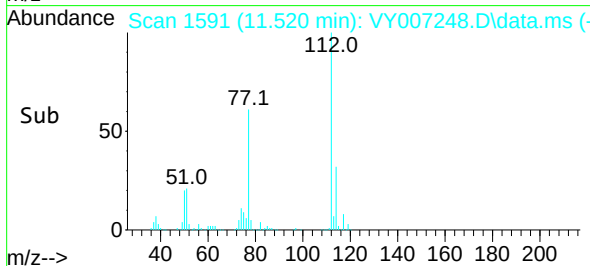
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



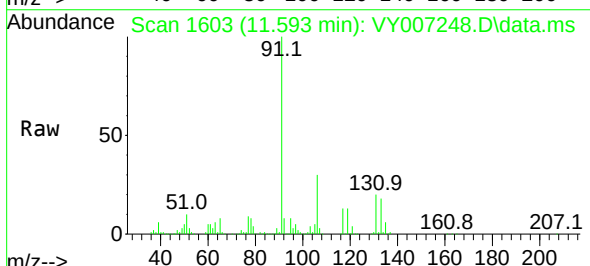
Tgt Ion:112 Resp: 166104
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Manual Integrations
APPROVED

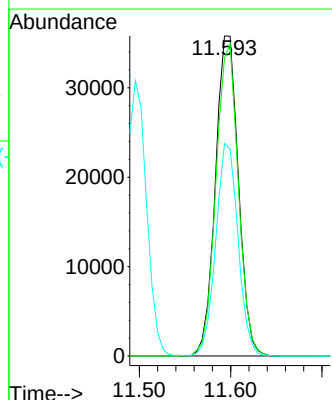
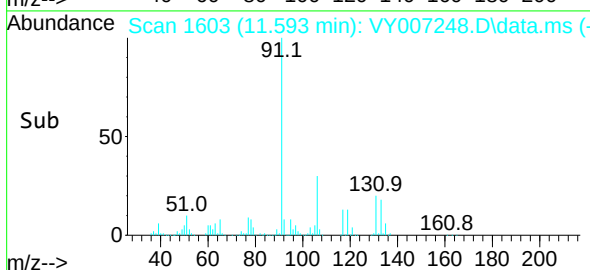
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

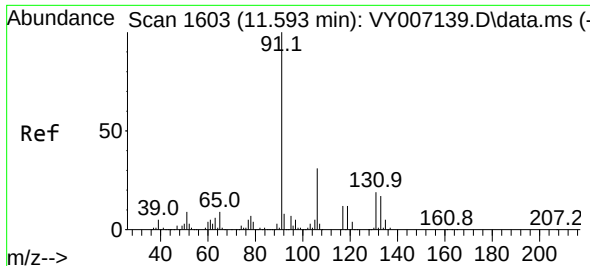


#66
1,1,1,2-Tetrachloroethane
Concen: 49.909 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



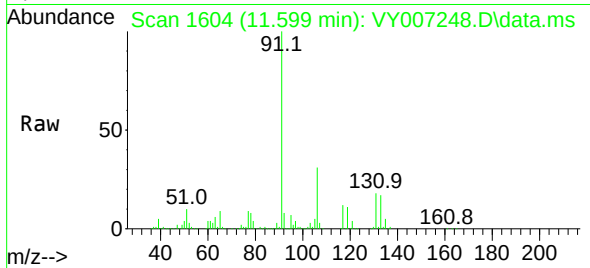
Tgt Ion:131 Resp: 62534
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 64.5 32.6 97.7





#67
Ethyl Benzene
Concen: 49.243 ug/l
RT: 11.599 min Scan# 1603
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

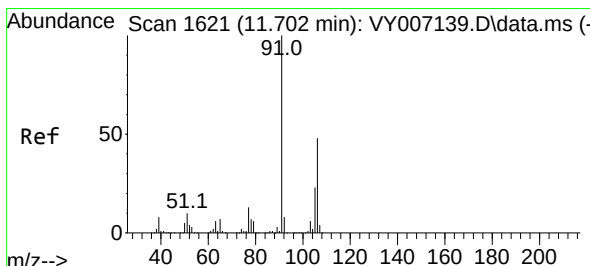
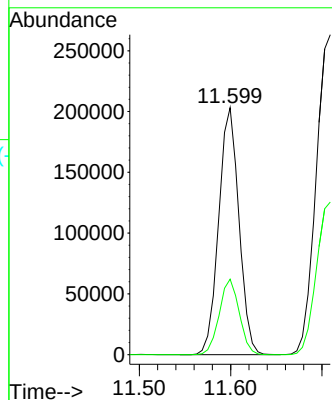
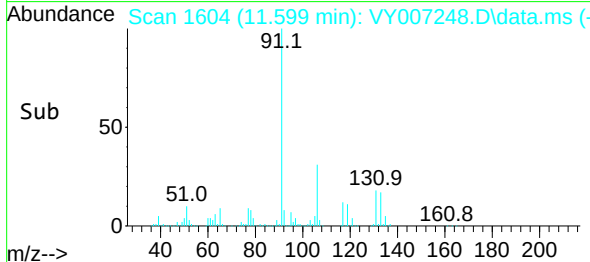
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 312829
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9

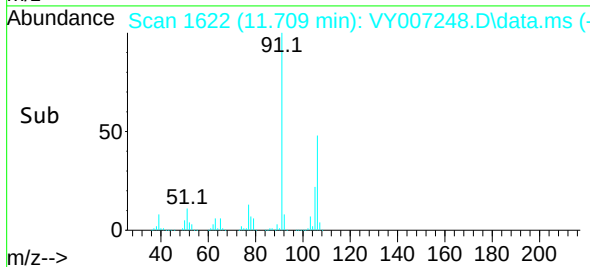
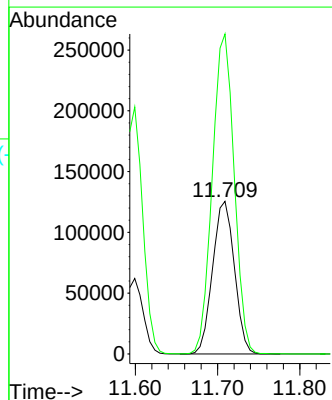
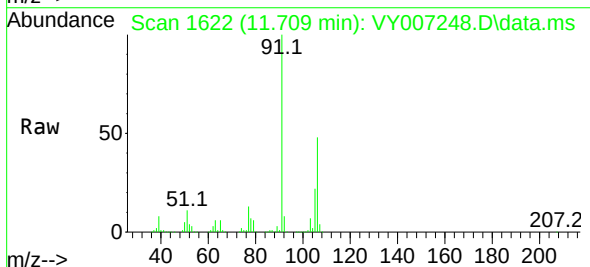
Manual Integrations
APPROVED

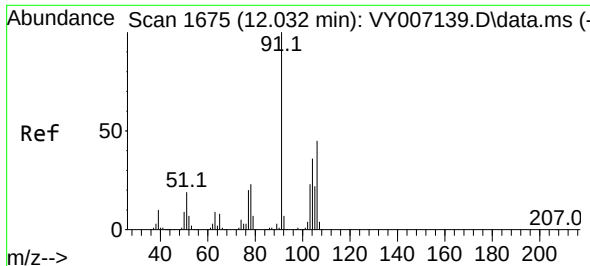
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#68
m/p-Xylenes
Concen: 97.961 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

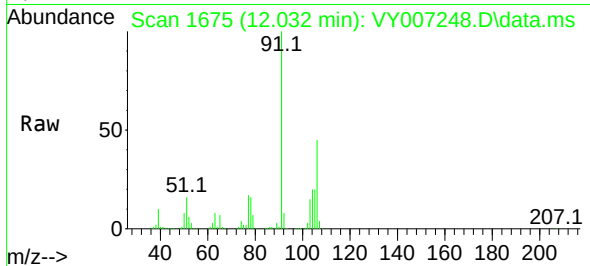
Tgt Ion:106 Resp: 231268
Ion Ratio Lower Upper
106 100
91 210.3 167.1 250.7





#69
o-Xylene
Concen: 49.213 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

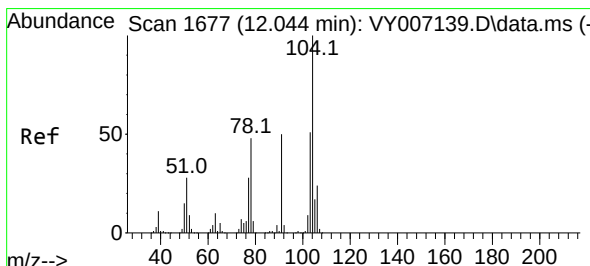
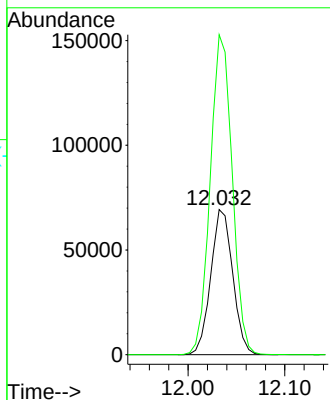
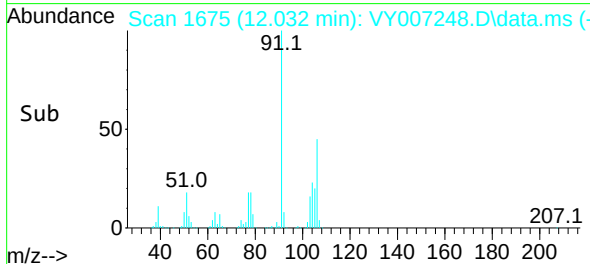
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 10941
Ion Ratio Lower Upper
106 100
91 220.7 109.9 329.6

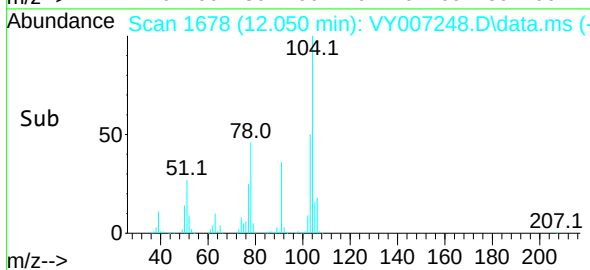
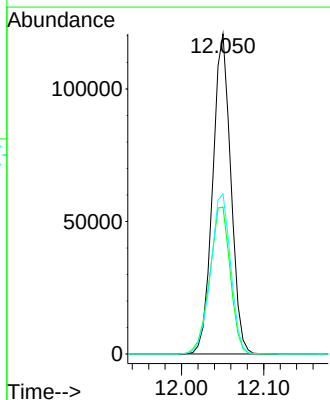
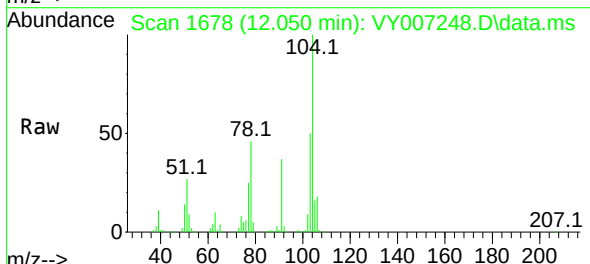
Manual Integrations
APPROVED

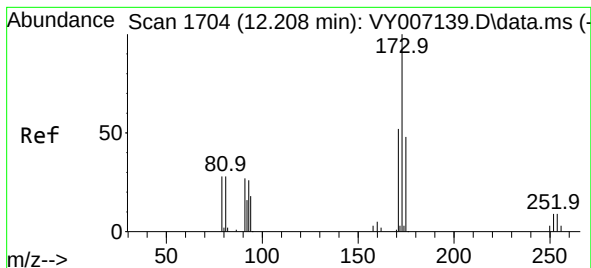
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#70
Styrene
Concen: 49.323 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion:104 Resp: 184989
Ion Ratio Lower Upper
104 100
78 52.1 41.4 62.0
103 55.2 44.2 66.2





#71

Bromoform

Concen: 47.506 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

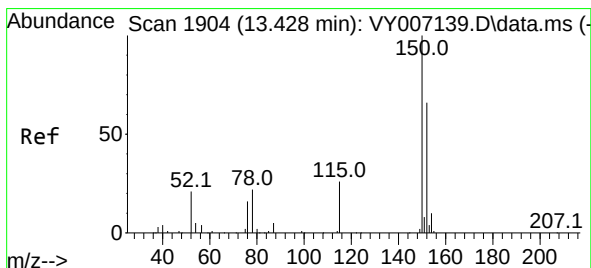
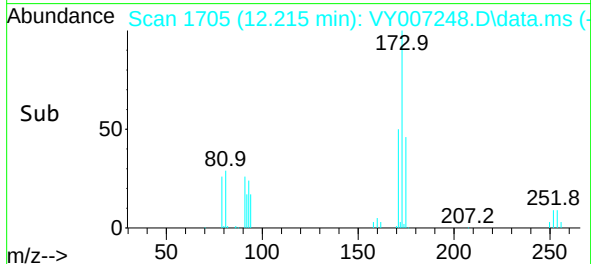
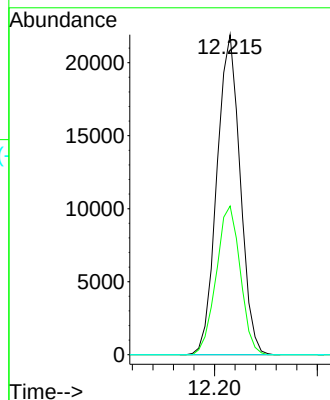
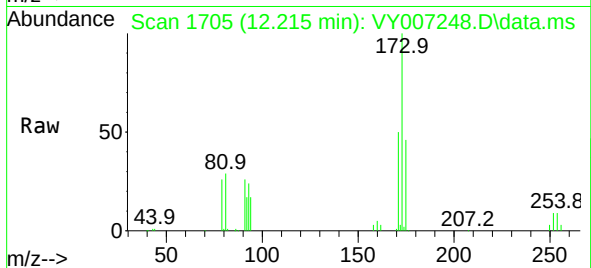
Tgt Ion:	173	Resp:	34430
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.8	74.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

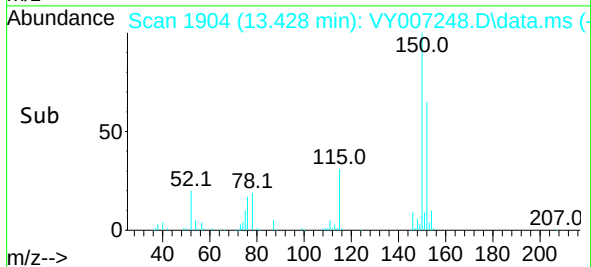
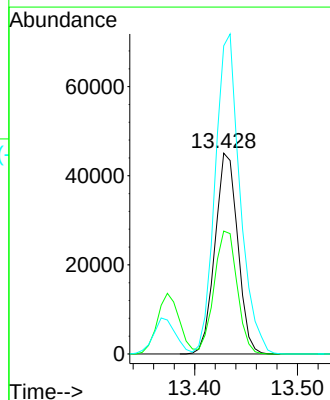
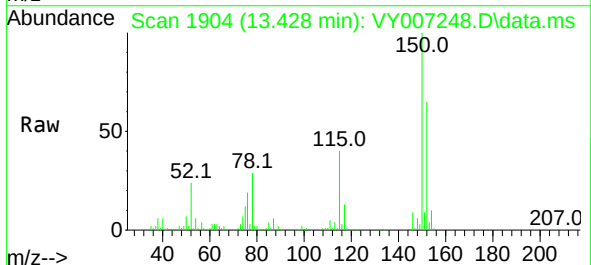
RT: 13.428 min Scan# 1904

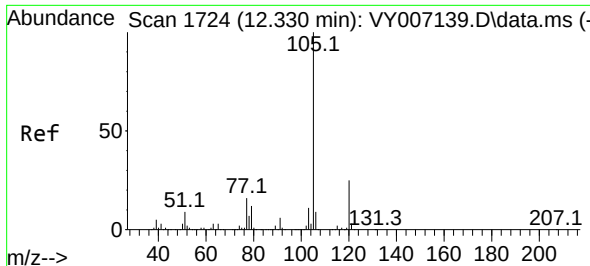
Delta R.T. 0.000 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion:	152	Resp:	69060
Ion Ratio	Lower	Upper	
152	100		
115	61.9	31.4	94.0
150	174.0	0.0	348.4





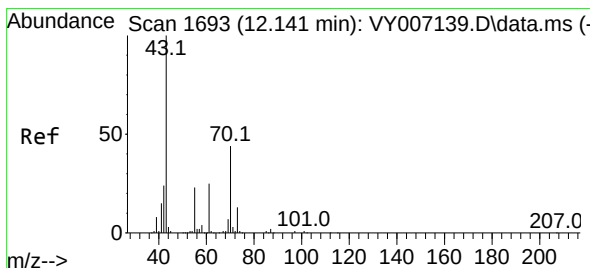
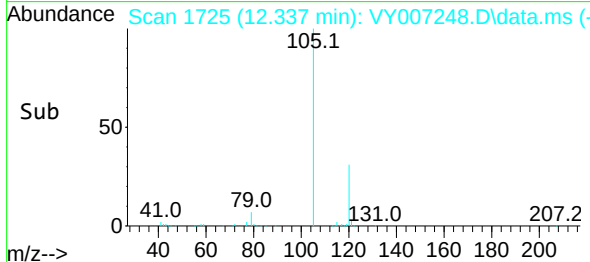
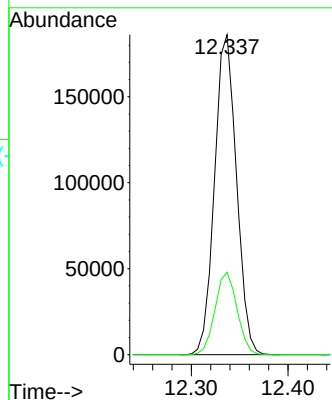
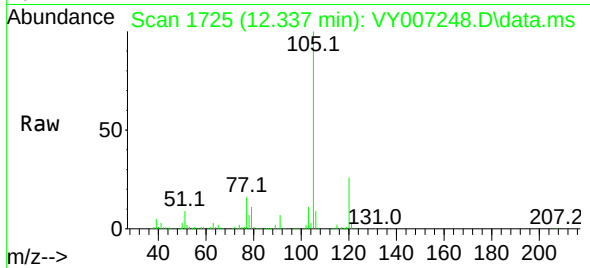
#73
Isopropylbenzene
Concen: 49.070 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 29269
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

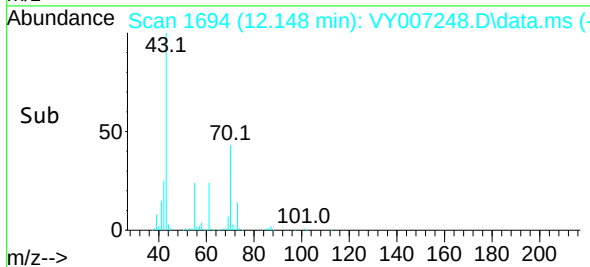
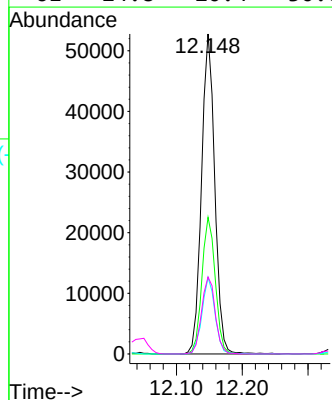
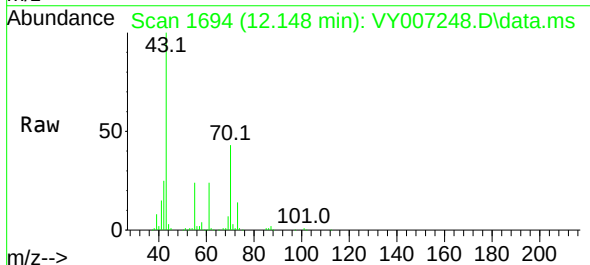
Manual Integrations
APPROVED

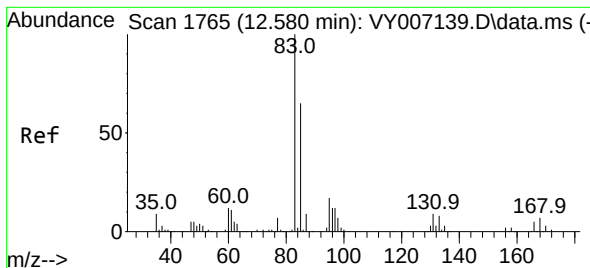
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#74
N-amy1 acetate
Concen: 46.366 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion: 43 Resp: 73955
Ion Ratio Lower Upper
43 100
70 43.1 36.2 54.4
55 23.6 19.0 28.4
61 24.8 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.454 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 5388

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

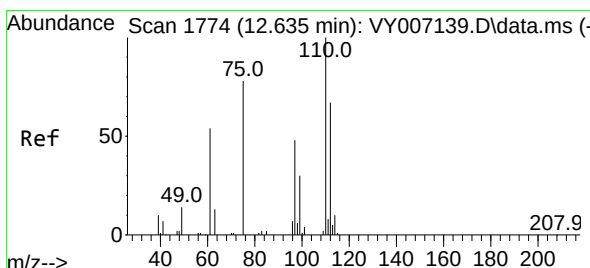
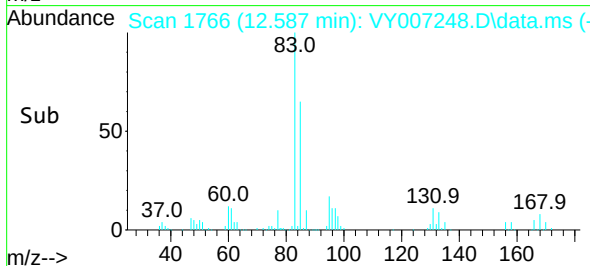
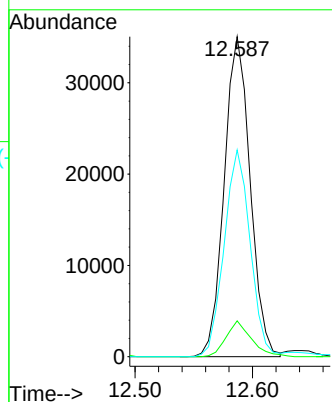
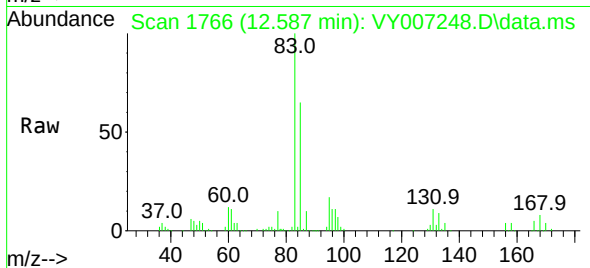
85 64.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#76

1,2,3-Trichloropropane

Concen: 50.376 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY007248.D

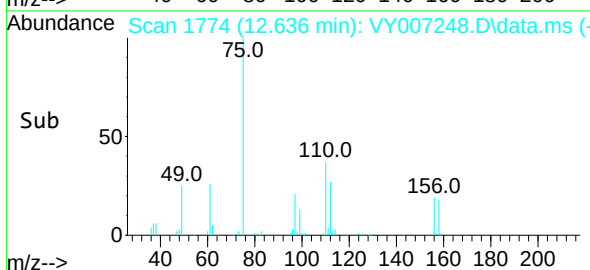
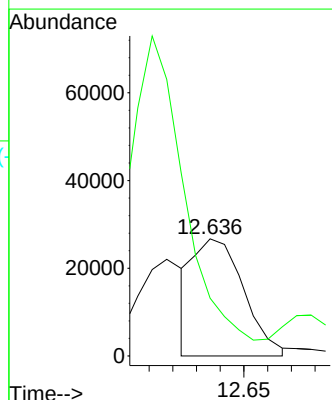
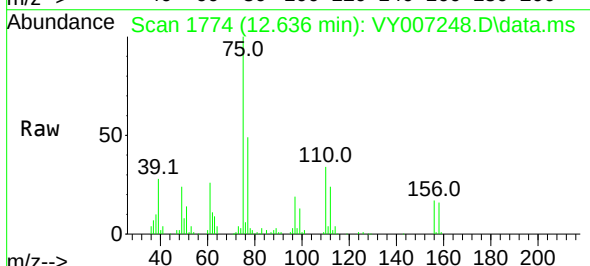
Acq: 21 Jan 2022 12:39

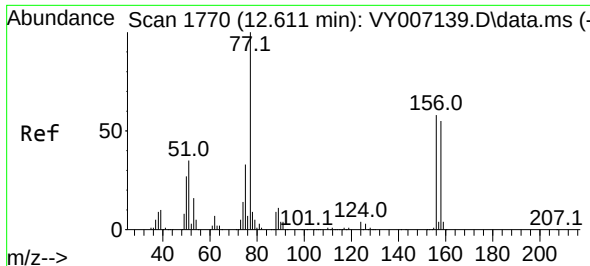
Tgt Ion: 75 Resp: 39669

Ion Ratio Lower Upper

75 100

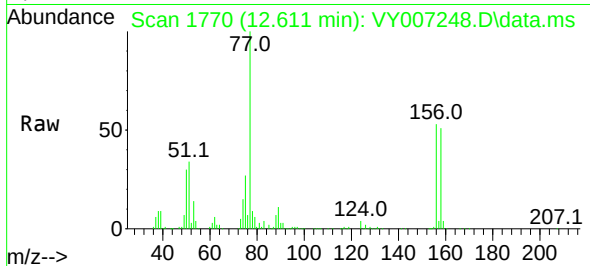
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.779 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

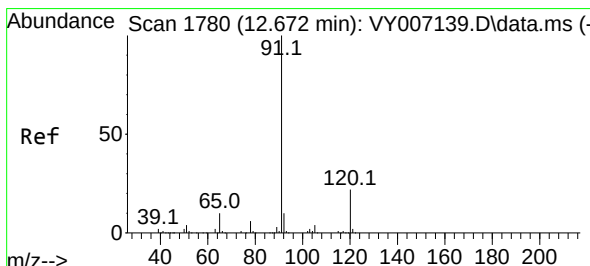
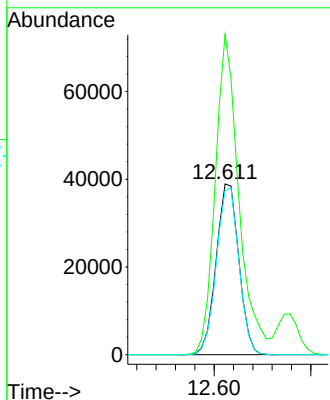
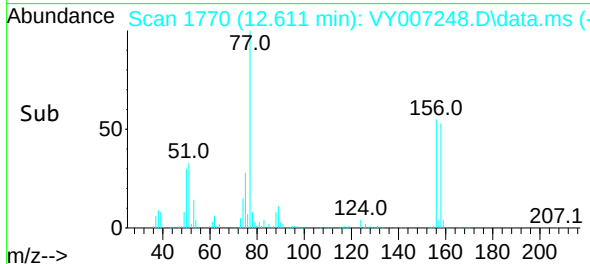
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



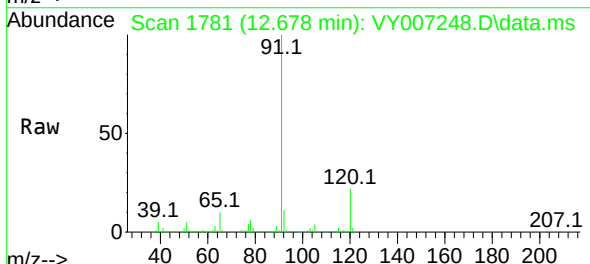
Tgt Ion: 156 Resp: 63309
Ion Ratio Lower Upper
156 100
77 194.8 98.7 296.1
158 96.9 48.4 145.2

Manual Integrations
APPROVED

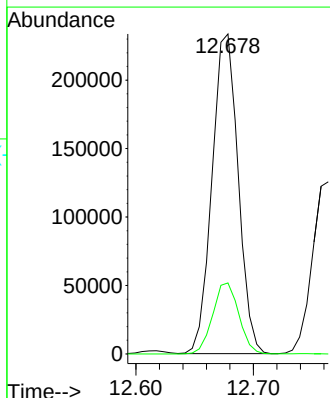
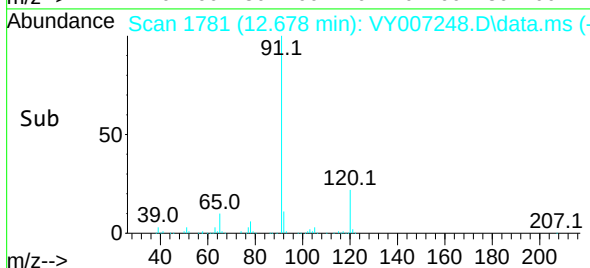
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

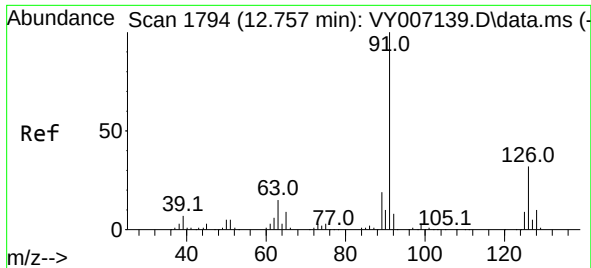


#78
n-propylbenzene
Concen: 48.844 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion: 91 Resp: 361162
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





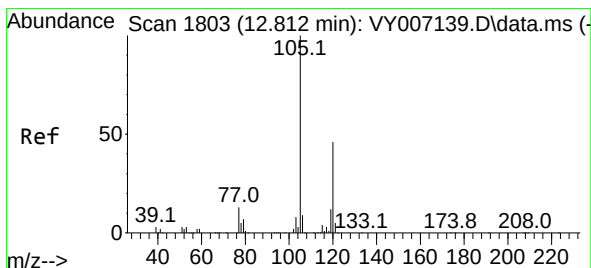
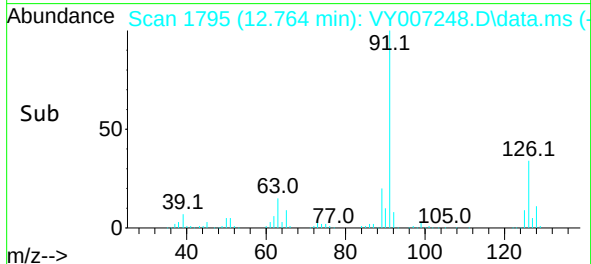
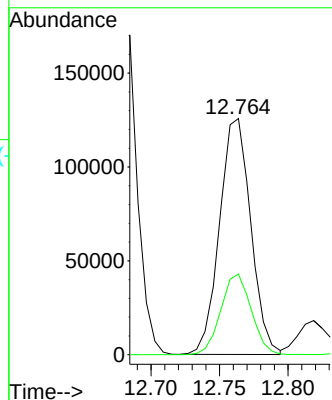
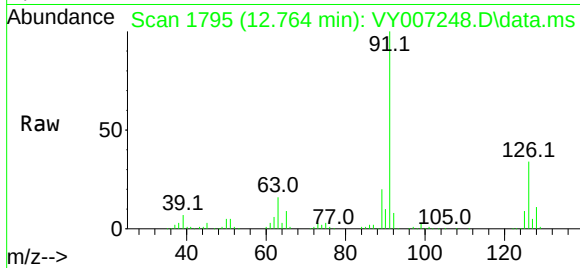
#79
2-Chlorotoluene
Concen: 48.535 ug/l
RT: 12.764 min Scan# 1794
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 199538
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.1

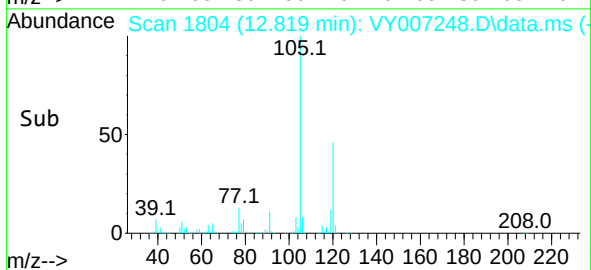
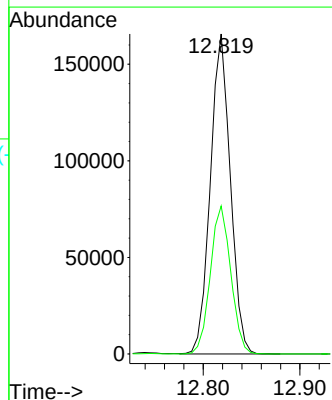
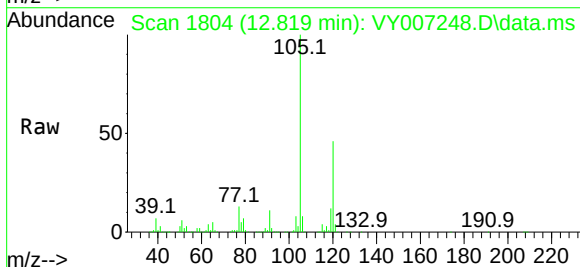
Manual Integrations
APPROVED

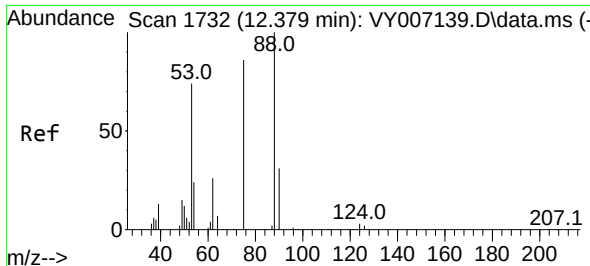
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.610 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion:105 Resp: 238069
Ion Ratio Lower Upper
105 100
120 47.3 23.7 71.1





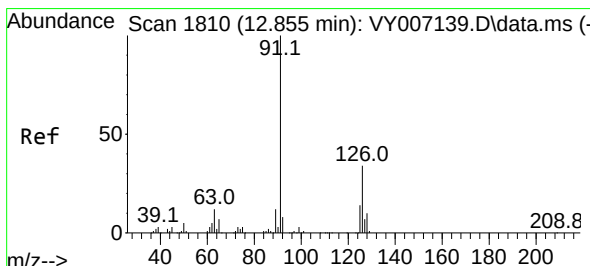
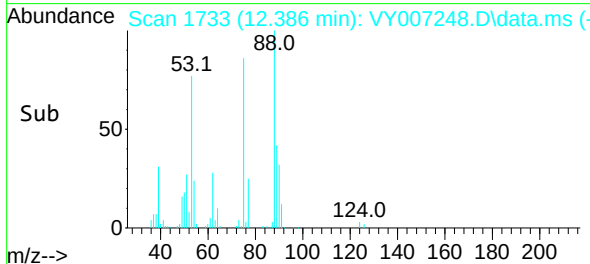
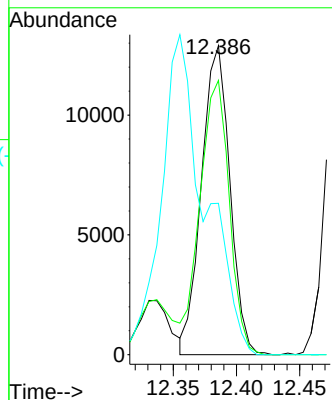
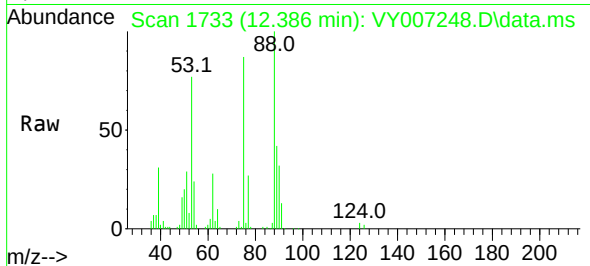
#81
trans-1,4-Dichloro-2-butene
Concen: 46.836 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 20140
Ion Ratio Lower Upper
75 100
53 91.6 73.9 110.9
89 0.0 0.0 0.0

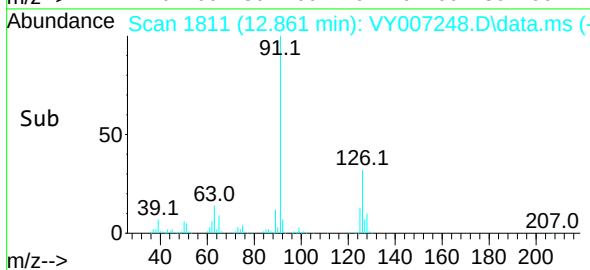
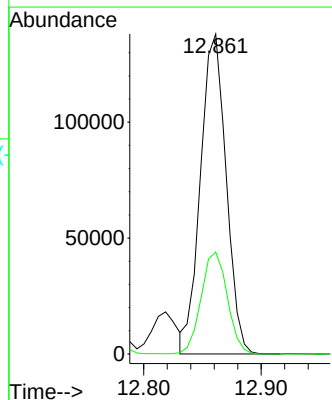
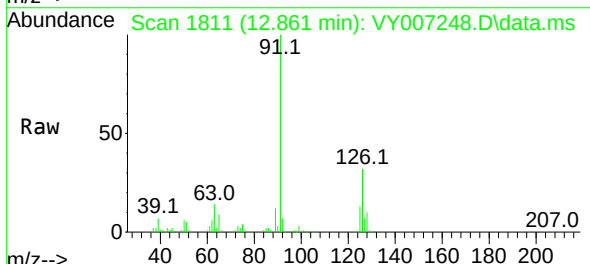
Manual Integrations
APPROVED

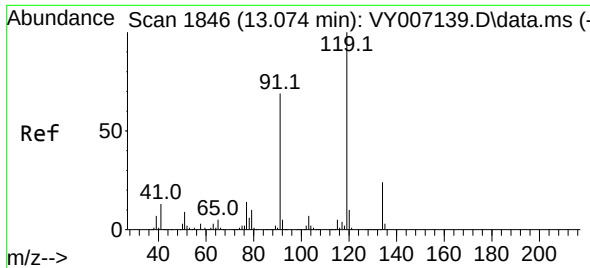
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#82
4-Chlorotoluene
Concen: 48.784 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

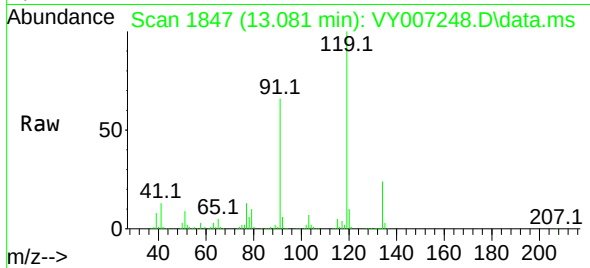
Tgt Ion: 91 Resp: 209210
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9





#83
tert-Butylbenzene
Concen: 49.847 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

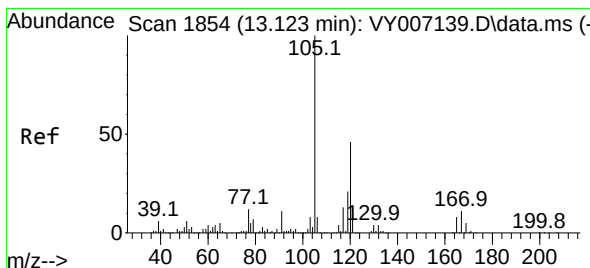
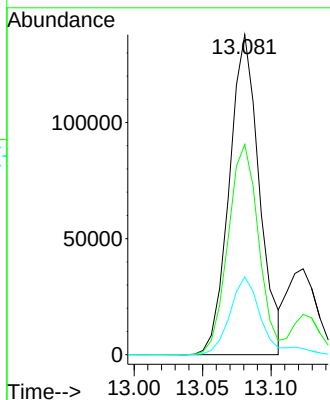
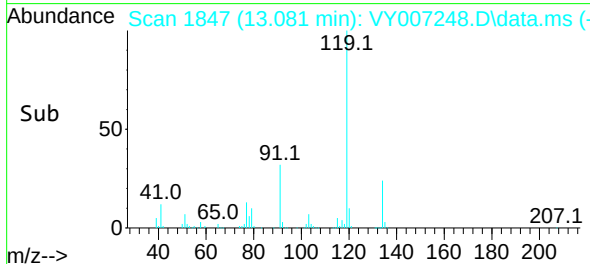
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



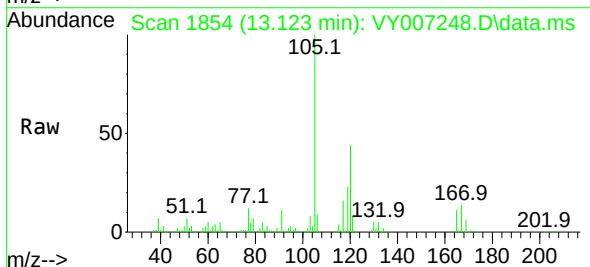
Tgt Ion:119 Resp: 21094
Ion Ratio Lower Upper
119 100
91 66.5 33.1 99.5
134 25.6 12.9 38.7

Manual Integrations
APPROVED

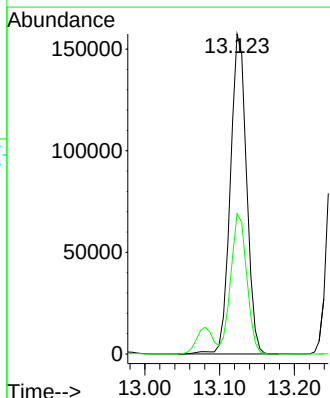
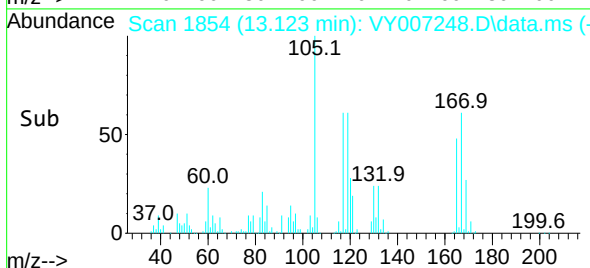
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022

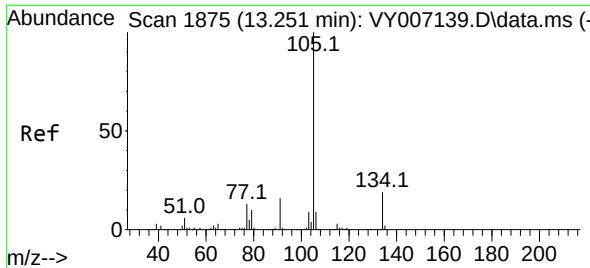


#84
1,2,4-Trimethylbenzene
Concen: 48.767 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39



Tgt Ion:105 Resp: 236739
Ion Ratio Lower Upper
105 100
120 43.2 21.6 64.6





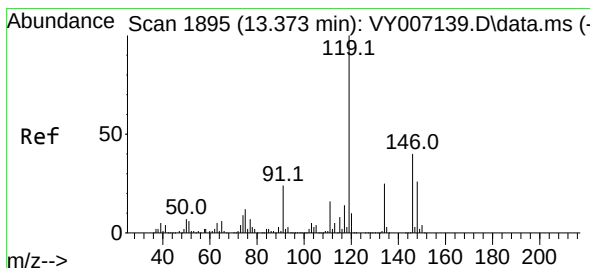
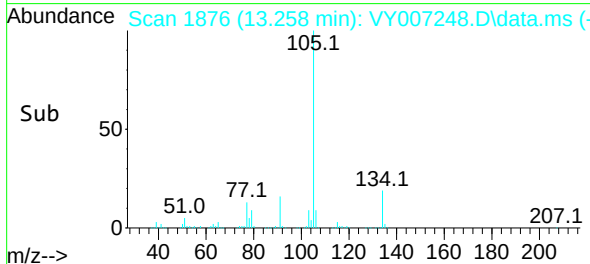
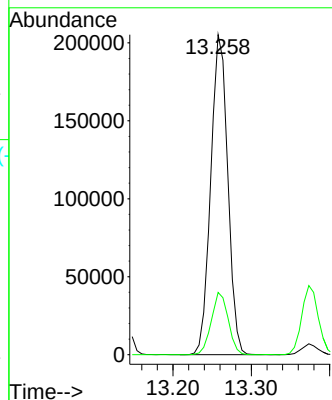
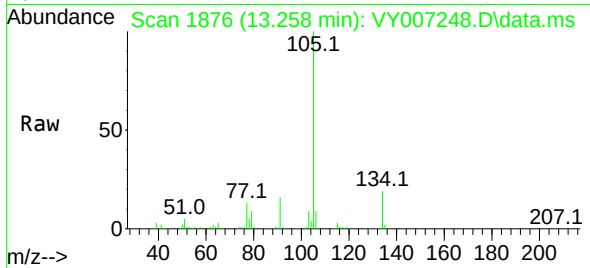
#85
 sec-Butylbenzene
 Concen: 48.869 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY007248.D
 Acq: 21 Jan 2022 12:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 309394
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7

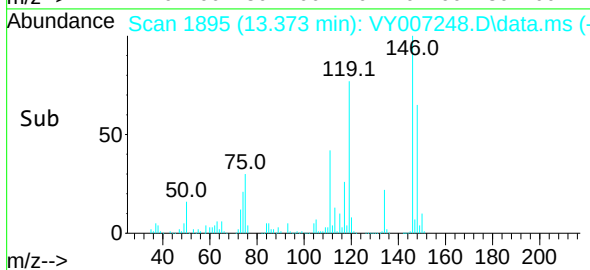
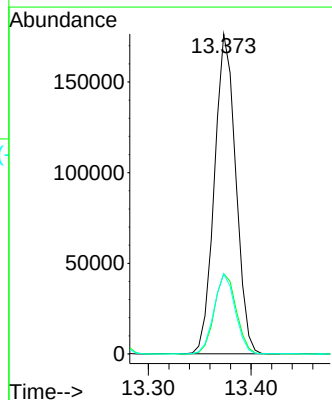
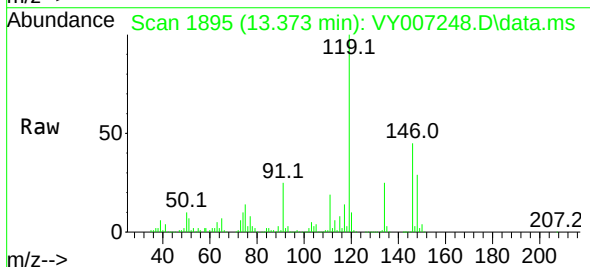
Manual Integrations
 APPROVED

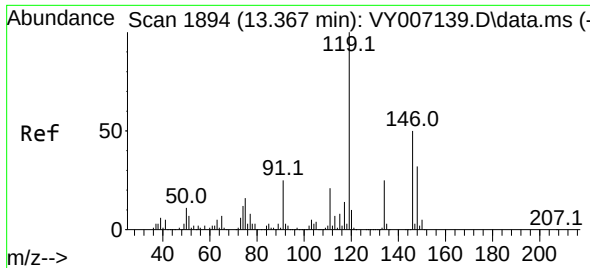
Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022



#86
 p-Isopropyltoluene
 Concen: 48.850 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007248.D
 Acq: 21 Jan 2022 12:39

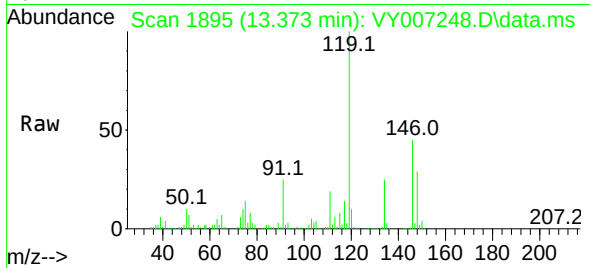
Tgt Ion:119 Resp: 254153
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.700 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

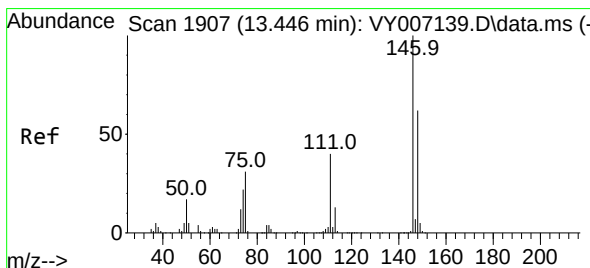
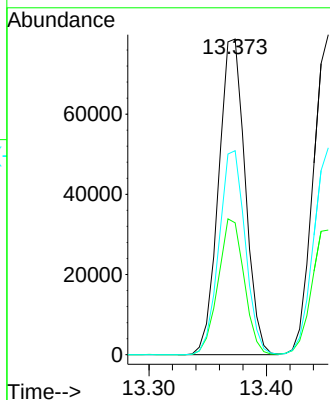
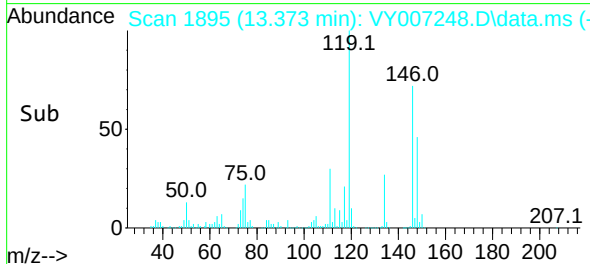
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 123719
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 63.8 31.9 95.7

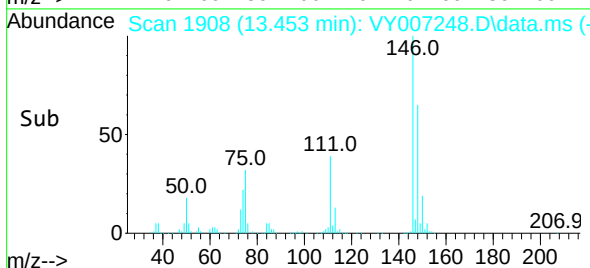
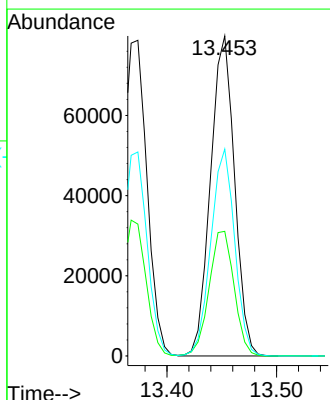
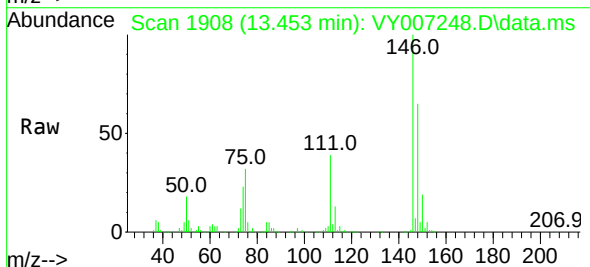
Manual Integrations
APPROVED

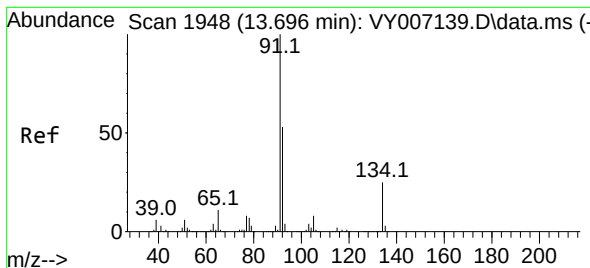
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#88
1,4-Dichlorobenzene
Concen: 47.692 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY007248.D
Acq: 21 Jan 2022 12:39

Tgt Ion:146 Resp: 121830
Ion Ratio Lower Upper
146 100
111 40.5 20.7 62.1
148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 48.602 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

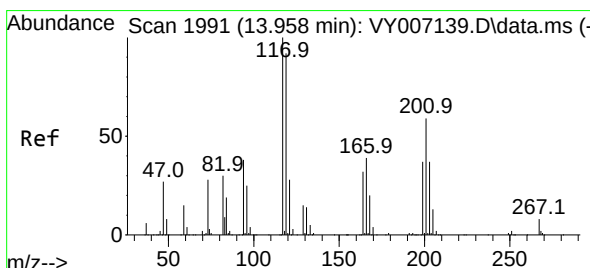
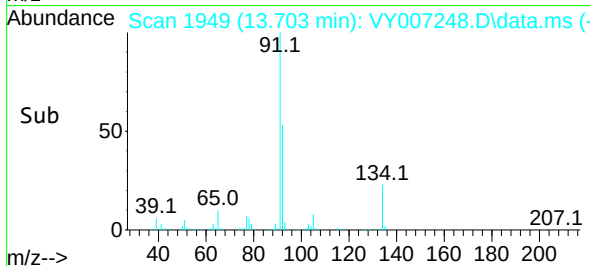
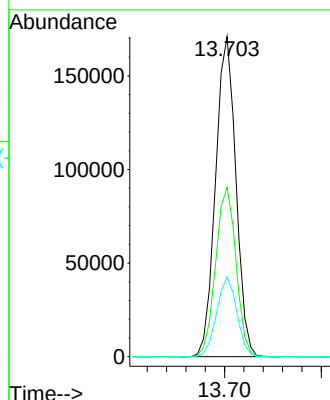
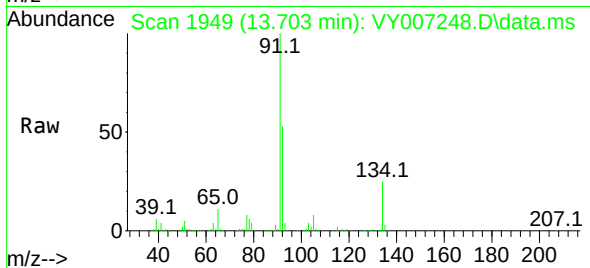
Tgt Ion:	91	Resp:	24897
Ion Ratio	Lower	Upper	
91	100		
92	53.0	26.9	80.6
134	24.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#90

Hexachloroethane

Concen: 48.665 ug/l

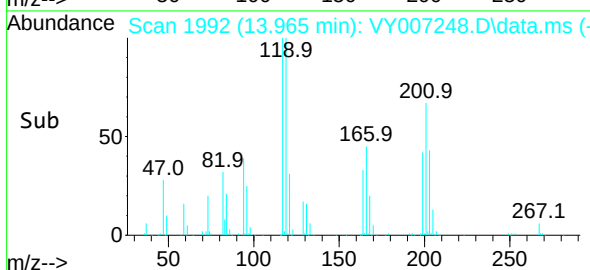
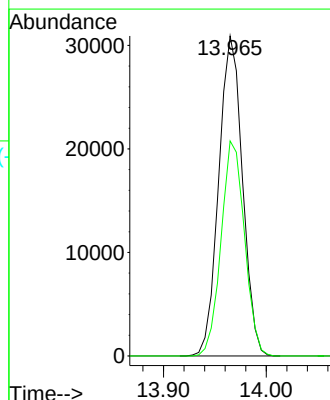
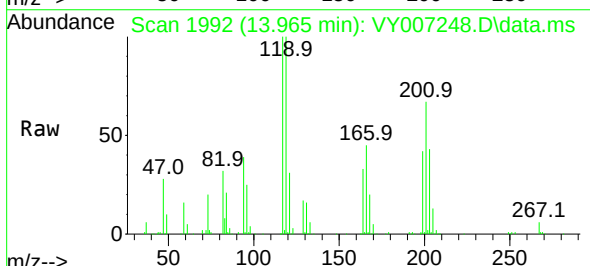
RT: 13.965 min Scan# 1992

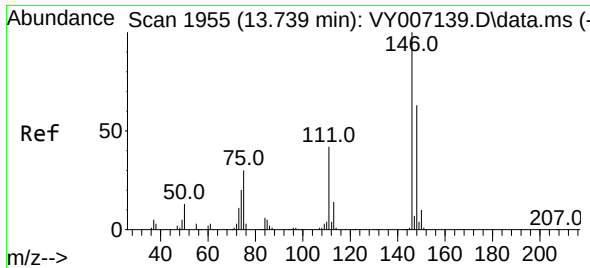
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion:	117	Resp:	49499
Ion Ratio	Lower	Upper	
117	100		
201	66.4	33.6	100.6





#91

1,2-Dichlorobenzene

Concen: 47.539 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 10745

Ion Ratio Lower Upper

146 100

111 43.2 21.4 64.3

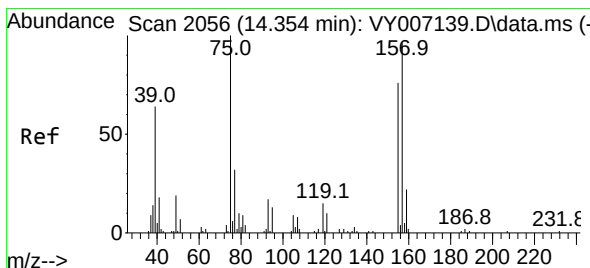
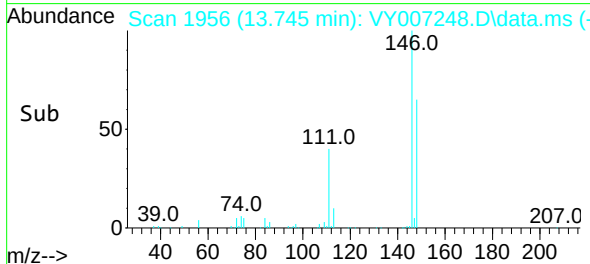
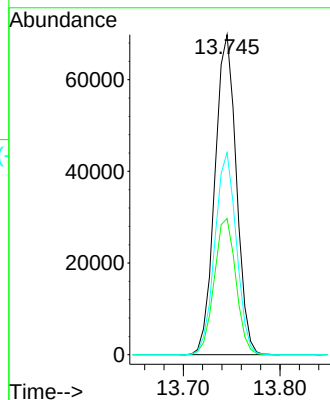
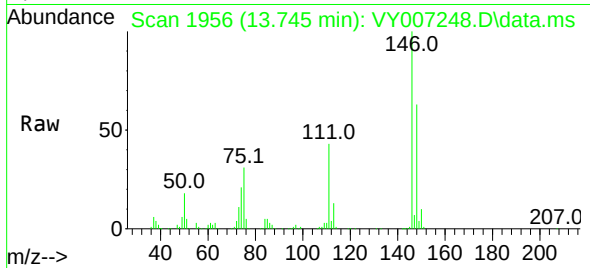
148 63.4 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.790 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

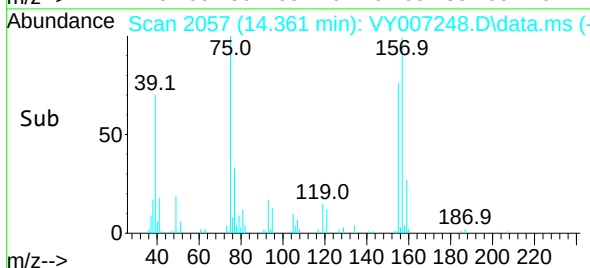
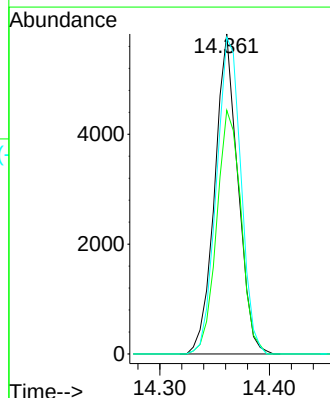
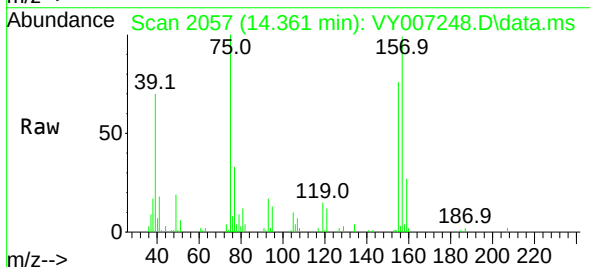
Tgt Ion: 75 Resp: 8572

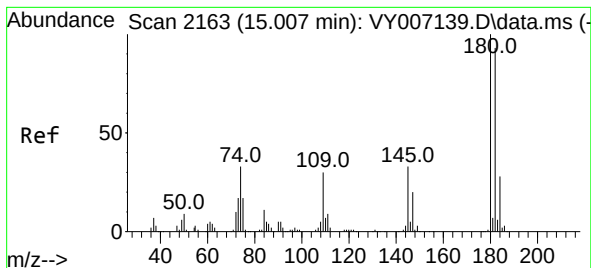
Ion Ratio Lower Upper

75 100

155 79.5 40.1 120.2

157 103.9 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 47.248 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

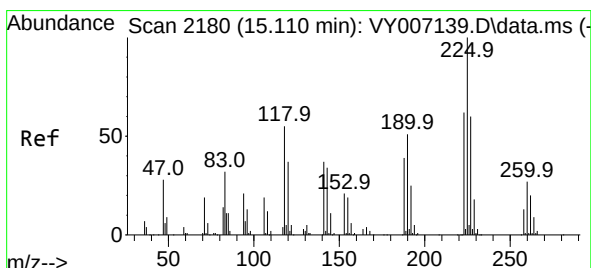
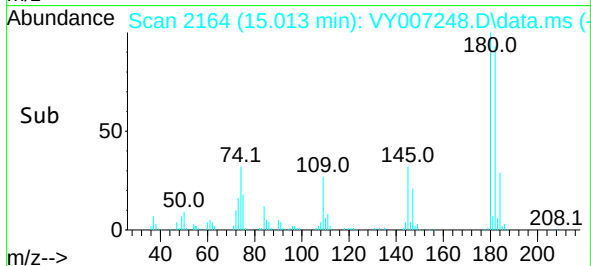
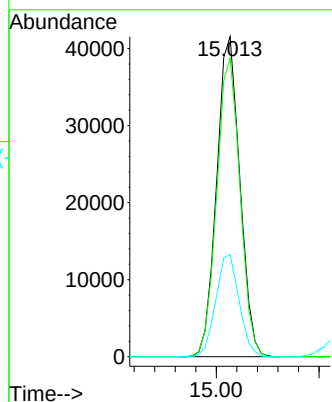
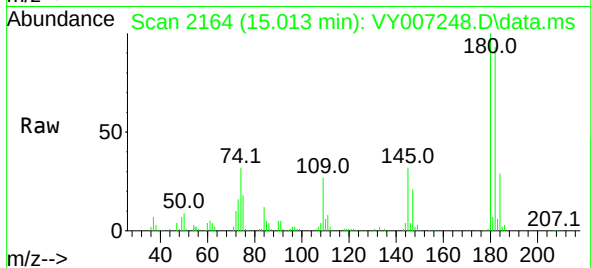
Tgt Ion:180	Resp: 6494
Ion Ratio	Lower Upper
180 100	
182 93.8	47.6 142.8
145 32.1	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#94

Hexachlorobutadiene

Concen: 48.469 ug/l

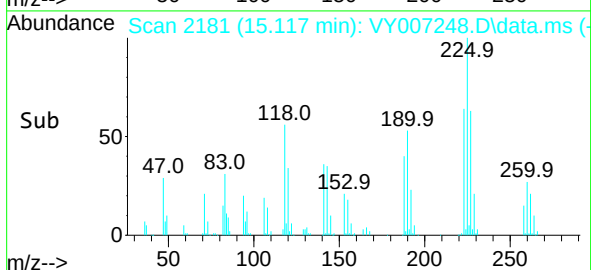
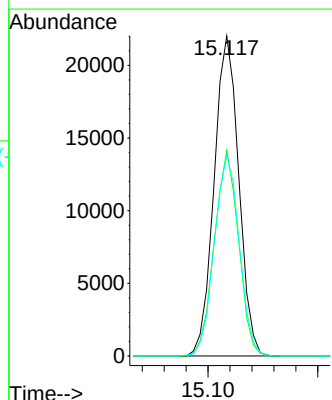
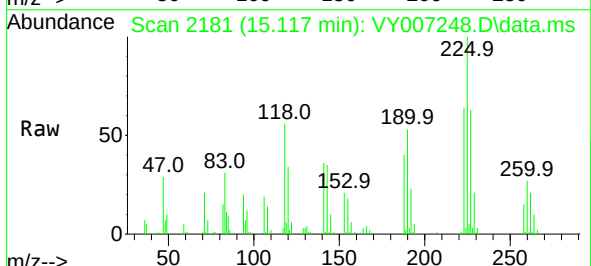
RT: 15.117 min Scan# 2181

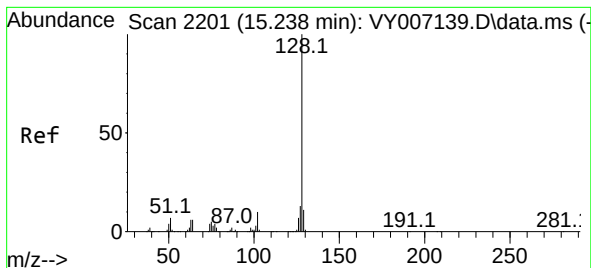
Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion:225	Resp: 34336
Ion Ratio	Lower Upper
225 100	
223 63.1	32.6 97.8
227 63.5	32.0 96.2





#95

Naphthalene

Concen: 44.722 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

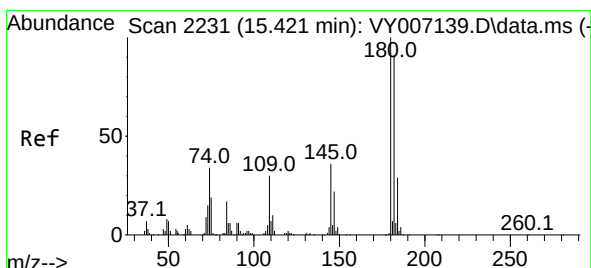
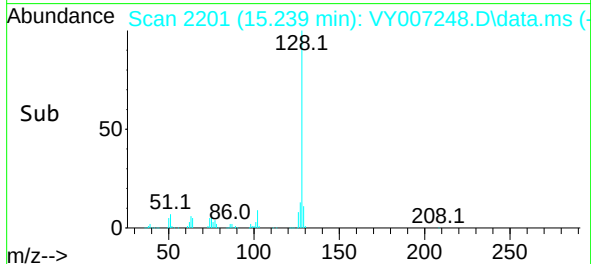
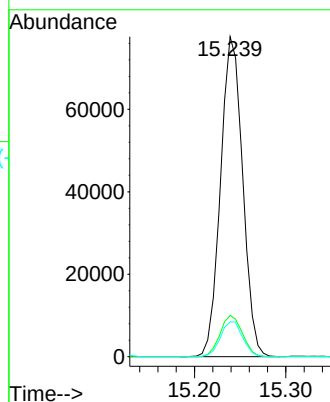
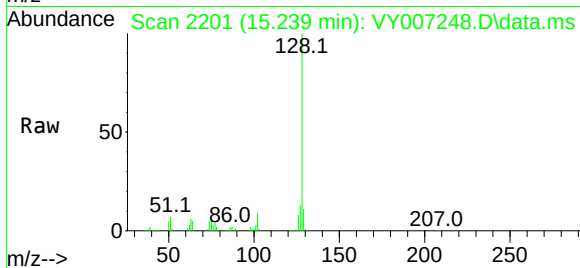
Tgt Ion:128	Resp:	130564
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.3 15.5
129	11.0	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2022

Supervised By :Mahesh Dadoda 01/24/2022



#96

1,2,3-Trichlorobenzene

Concen: 46.742 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007248.D

Acq: 21 Jan 2022 12:39

Tgt Ion:180	Resp:	54814
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.3 141.8
145	34.7	17.2 51.5

